

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060607.D
 Acq On : 18 Mar 2020 22:05
 Operator : JC/MD
 Sample : VN0318WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBS02

Quant Time: Mar 19 05:04:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	197580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	339040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	307774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140972	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	135412	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
35) Dibromofluoromethane	7.57	113	101207	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	
50) Toluene-d8	10.08	98	400583	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	12.40	95	143542	46.77	ug/l	0.00
Spiked Amount			Recovery	=	93.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	39910	20.876	ug/l	97
3) Chloromethane	2.04	50	69076	19.346	ug/l	100
4) Vinyl Chloride	2.16	62	55401	19.838	ug/l	99
5) Bromomethane	2.55	94	24835	20.600	ug/l	96
6) Chloroethane	2.69	64	32912	20.458	ug/l	99
7) Trichlorofluoromethane	3.00	101	70062	20.365	ug/l	97
8) Diethyl Ether	3.38	74	28667	20.743	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	40372	20.253	ug/l	99
10) Methyl Iodide	3.93	142	38818	21.884	ug/l	99
11) Tert butyl alcohol	4.73	59	37630	94.335	ug/l	98
12) 1,1-Dichloroethene	3.72	96	43174	20.183	ug/l	97
13) Acrolein	3.58	56	36132	81.729	ug/l	98
14) Allyl chloride	4.29	41	79964	21.254	ug/l	94
15) Acrylonitrile	4.94	53	119143	101.572	ug/l	99
16) Acetone	3.78	43	95752	99.663	ug/l	99
17) Carbon Disulfide	4.03	76	131171	20.162	ug/l	100
18) Methyl Acetate	4.29	43	53311	19.713	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	149516	20.329	ug/l	97
20) Methylene Chloride	4.52	84	47457	20.080	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	46198	20.263	ug/l	98
22) Diisopropyl ether	5.91	45	165968	20.880	ug/l	98
23) Vinyl Acetate	5.86	43	677454	104.457	ug/l	100
24) 1,1-Dichloroethane	5.82	63	90222	20.821	ug/l	99
25) 2-Butanone	6.80	43	156717	100.804	ug/l	99
26) 2,2-Dichloropropane	6.79	77	67059	19.669	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	52685	20.335	ug/l	100
28) Bromochloromethane	7.17	49	39996	19.292	ug/l	100
29) Tetrahydrofuran	7.18	42	110721	100.656	ug/l	100
30) Chloroform	7.35	83	84968	20.454	ug/l	98
31) Cyclohexane	7.63	56	86918	19.896	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	74690	20.857	ug/l	99
36) 1,1-Dichloropropene	7.77	75	66790	20.344	ug/l	100
37) Ethyl Acetate	6.90	43	69870	19.697	ug/l	99
38) Carbon Tetrachloride	7.75	117	58066	19.734	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	75592	19.376	ug/l	99
40) Benzene	8.02	78	199136	20.094	ug/l	100
41) Methacrylonitrile	7.18	41	99142	65.488	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	68378	20.189	ug/l	99
43) Isopropyl Acetate	8.14	43	116841	19.972	ug/l	100
44) Trichloroethene	8.82	130	51326	20.544	ug/l	99
45) 1,2-Dichloropropane	9.10	63	53531	20.470	ug/l	97
46) Dibromomethane	9.19	93	32376	20.479	ug/l	99
47) Bromodichloromethane	9.39	83	66167	20.141	ug/l	99
48) Methyl methacrylate	9.18	41	49586	19.037	ug/l	98
49) 1,4-Dioxane	9.18	88	11345	366.445	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	337721	101.448	ug/l	100
52) Toluene	10.14	92	120111	20.068	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	75054	19.889	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	82170	19.848	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	46323	20.118	ug/l	98
56) Ethyl methacrylate	10.42	69	71077	19.797	ug/l	99
57) 1,3-Dichloropropane	10.70	76	81234	20.330	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	164281	92.064	ug/l	99
59) 2-Hexanone	10.74	43	237103	98.873	ug/l	100
60) Dibromochloromethane	10.89	129	47823	20.107	ug/l	99
61) 1,2-Dibromoethane	11.00	107	47044	20.318	ug/l	99
64) Tetrachloroethene	10.62	164	50412	20.815	ug/l	99
65) Chlorobenzene	11.43	112	121946	19.987	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	44220	20.017	ug/l	99
67) Ethyl Benzene	11.50	91	227364	20.039	ug/l	100
68) m/p-Xylenes	11.61	106	166680	39.532	ug/l	98
69) o-Xylene	11.94	106	80212	19.928	ug/l	99
70) Styrene	11.96	104	129636	19.693	ug/l	99
71) Bromoform	12.12	173	32997	19.048	ug/l #	99
73) Isopropylbenzene	12.24	105	213859	20.215	ug/l	100
74) N-amyl acetate	12.06	43	96057	19.649	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	63631	19.889	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	86937	28.580	ug/l #	100
77) Bromobenzene	12.52	156	50845	19.945	ug/l	100
78) n-propylbenzene	12.59	91	248820	19.907	ug/l	100
79) 2-Chlorotoluene	12.67	91	145241	19.448	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	177218	19.739	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	22613	19.092	ug/l	99
82) 4-Chlorotoluene	12.77	91	153791	20.219	ug/l	99
83) tert-Butylbenzene	12.99	119	147277	19.789	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	176338	19.854	ug/l	100
85) sec-Butylbenzene	13.17	105	197680	19.752	ug/l	100
86) p-Isopropyltoluene	13.28	119	176181	19.577	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	89701	19.951	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	89177	19.741	ug/l	99
89) n-Butylbenzene	13.61	91	156020	19.202	ug/l	100
90) Hexachloroethane	13.87	117	25384	19.405	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	87148	20.271	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12774	18.896	ug/l	95

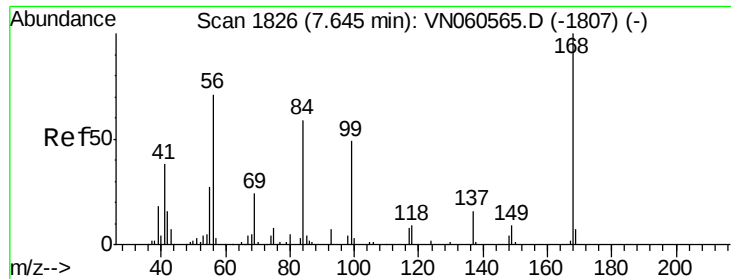
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	50334	19.065	ug/l	100
94) Hexachlorobutadiene	15.00	225	24525	18.949	ug/l	99
95) Naphthalene	15.13	128	149376	18.811	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	49726	19.122	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

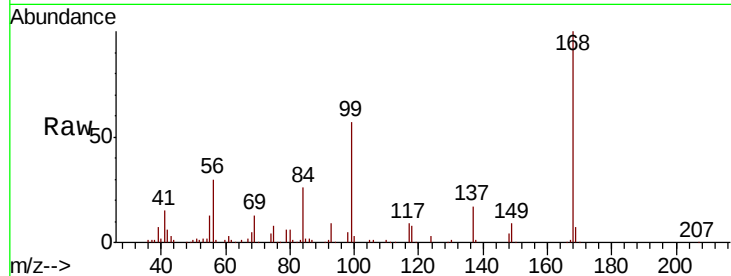
VN0318WBS02

Tot Ion:168 Resp: 197580

Ion Ratio Lower Upper

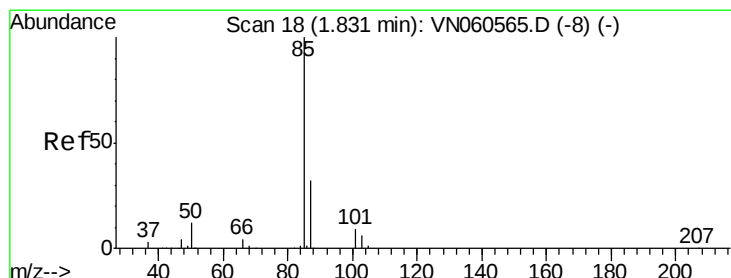
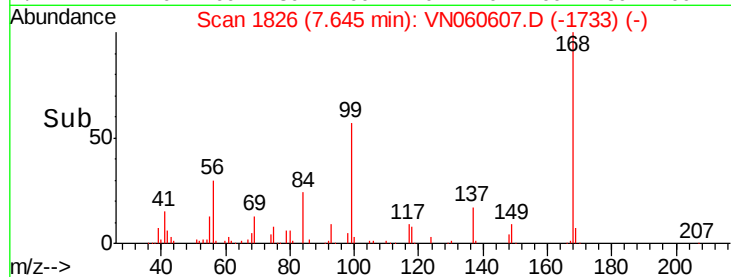
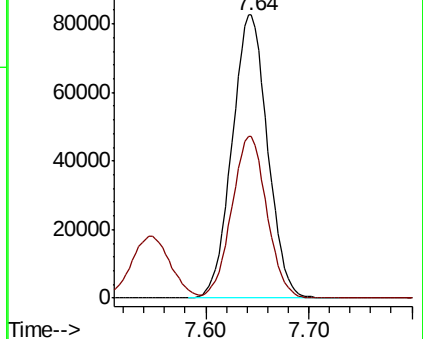
168 100

99 57.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 20.876 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060607.D

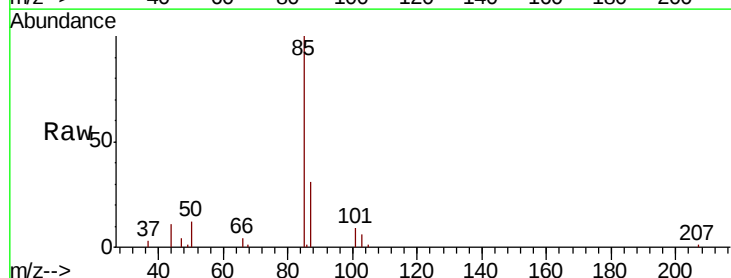
Acq: 18 Mar 2020 22:05

Tgt Ion: 85 Resp: 39910

Ion Ratio Lower Upper

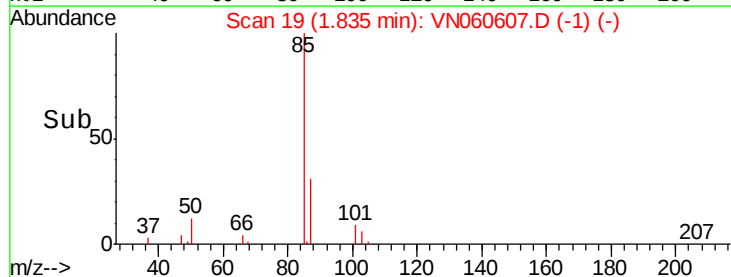
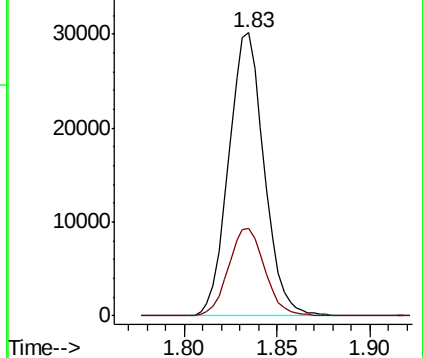
85 100

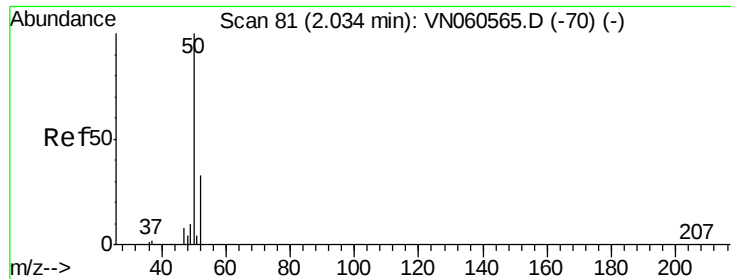
87 30.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 19.346 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

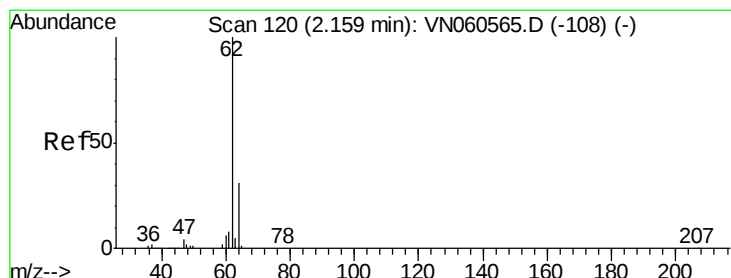
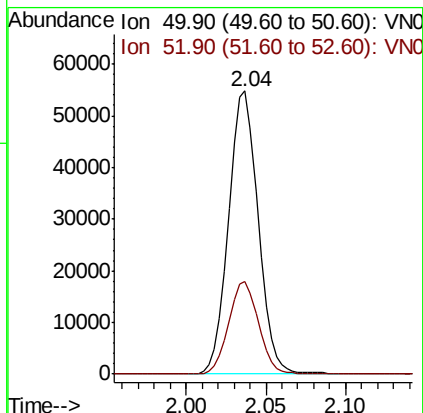
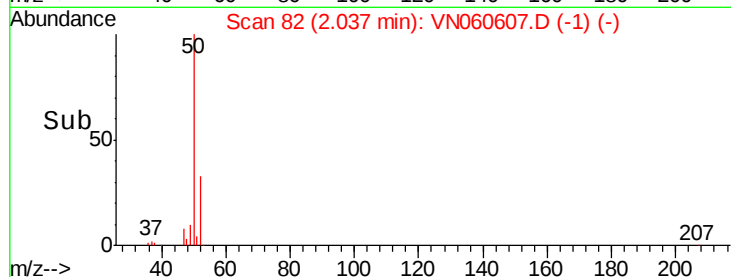
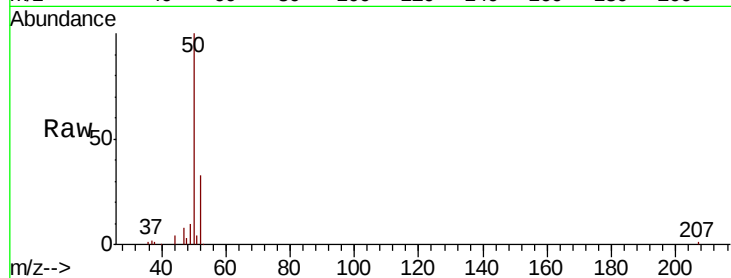
VN0318WBS02

Tot Ion: 50 Resp: 69076

Ion Ratio Lower Upper

50 100

52 32.6 26.2 39.2



#4

Vinyl Chloride

Concen: 19.838 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060607.D

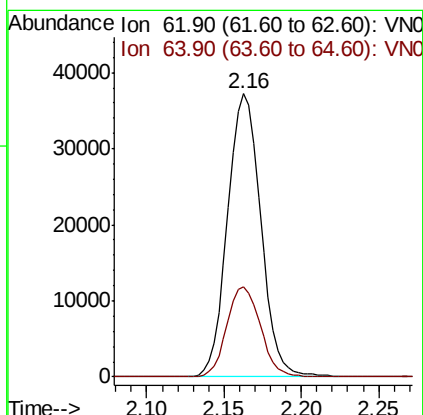
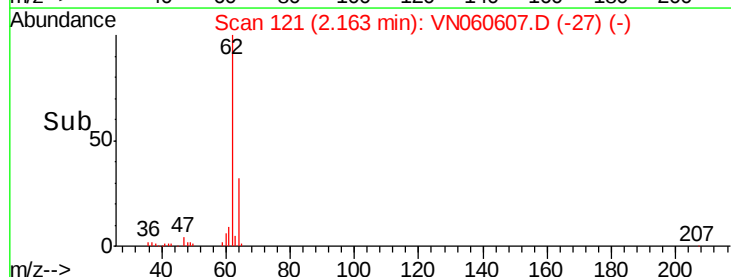
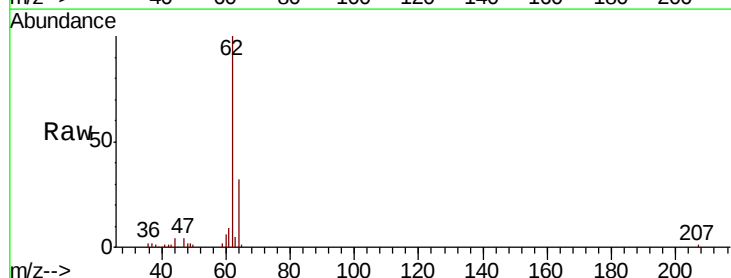
Acq: 18 Mar 2020 22:05

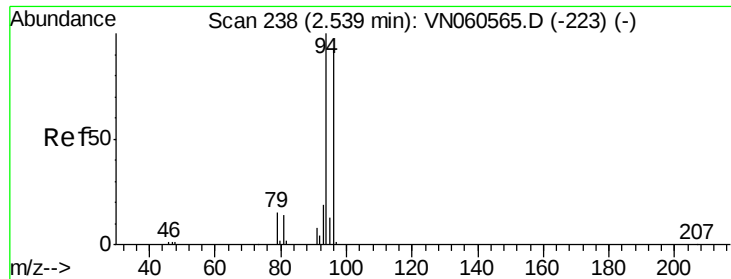
Tgt Ion: 62 Resp: 55401

Ion Ratio Lower Upper

62 100

64 31.7 24.7 37.1





#5

Bromomethane

Concen: 20.600 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

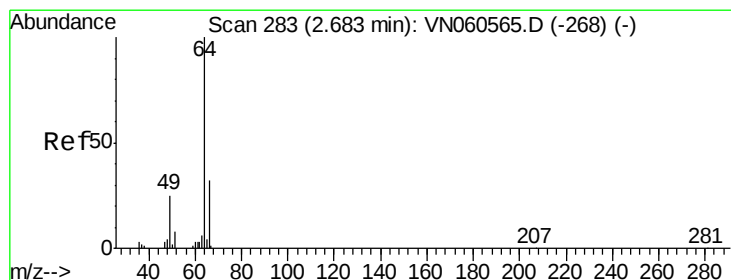
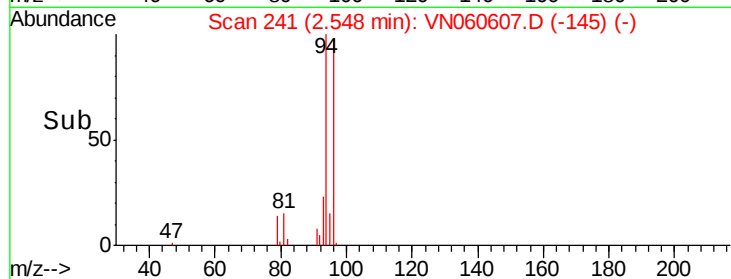
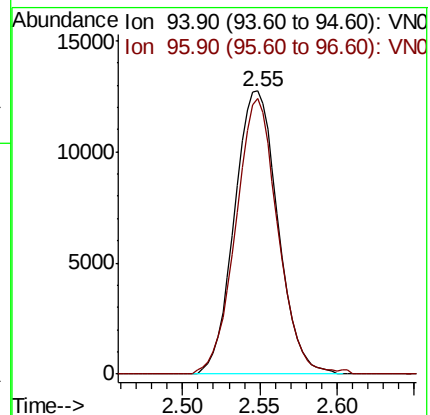
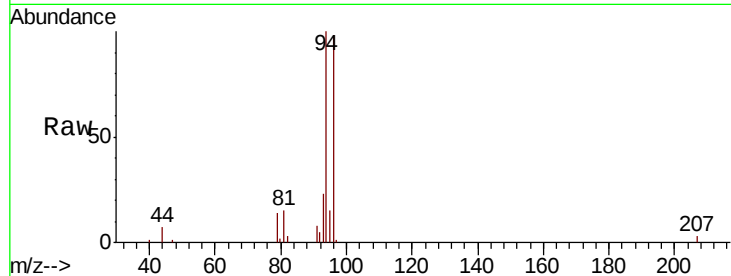
VN0318WBS02

Tot Ion: 94 Resp: 24835

Ion Ratio Lower Upper

94 100

96 97.5 74.6 112.0



#6

Chloroethane

Concen: 20.458 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060607.D

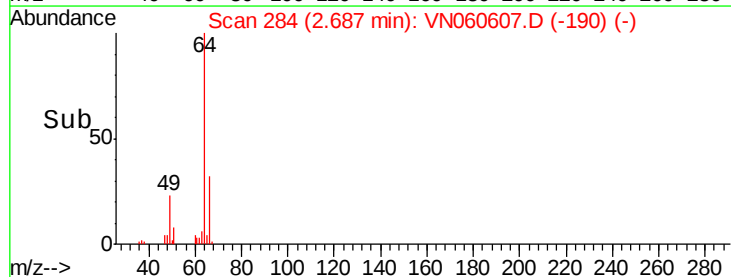
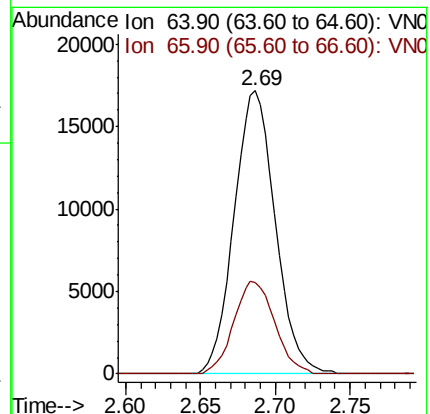
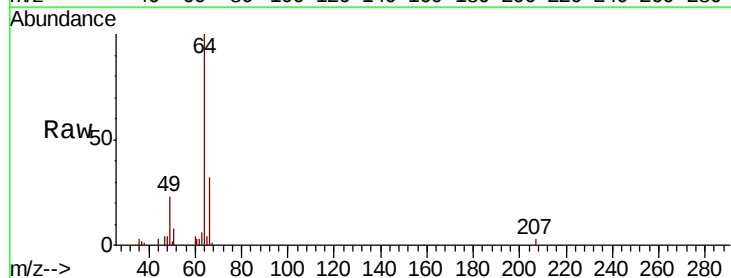
Acq: 18 Mar 2020 22:05

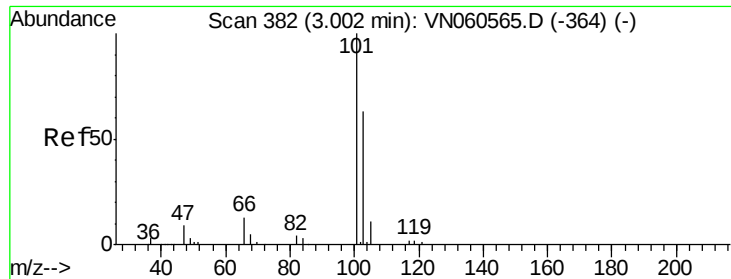
Tgt Ion: 64 Resp: 32912

Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9



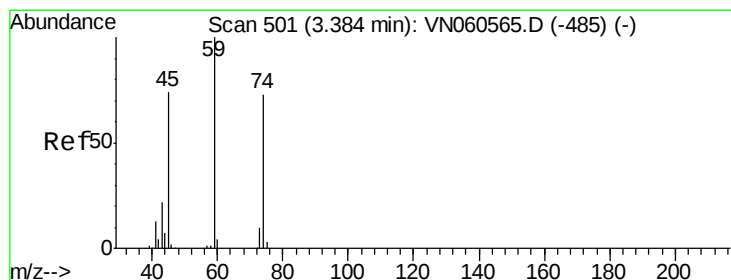
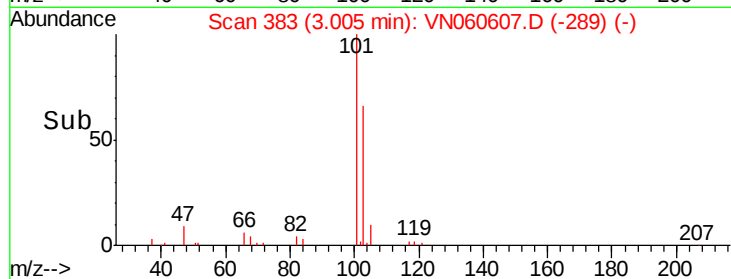
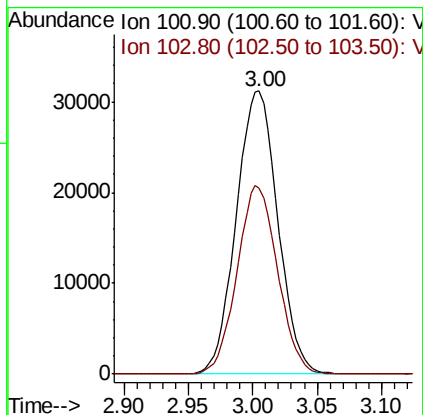
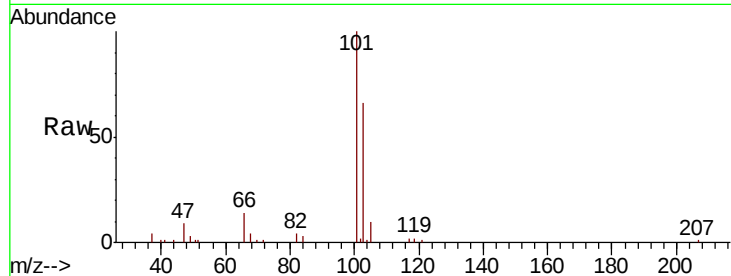


#7

Trichlorofluoromethane
 Concen: 20.365 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060607.D
 Acq: 18 Mar 2020 22:05

Instrument :
 MSVOA_N
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 VN0318WBS02

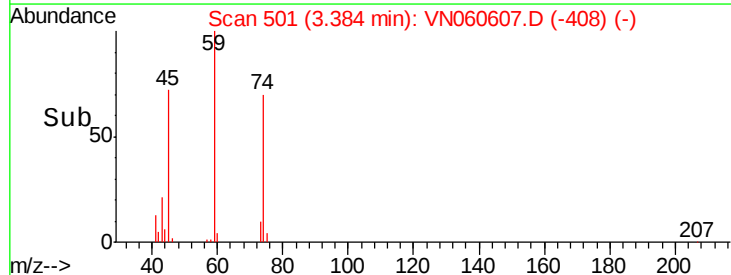
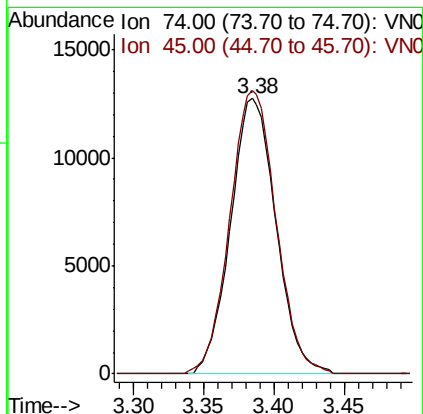
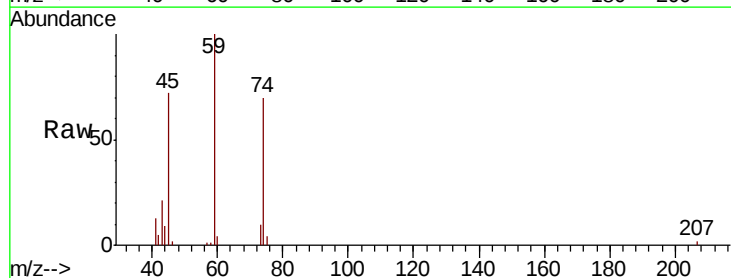
Tot Ion:101 Resp: 70062
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.6 76.0

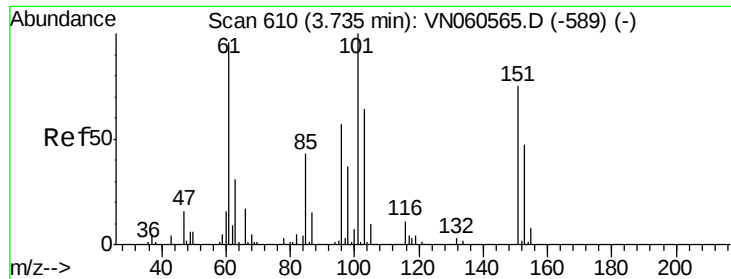


#8

Diethyl Ether
 Concen: 20.743 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VN060607.D
 Acq: 18 Mar 2020 22:05

Tgt Ion: 74 Resp: 28667
 Ion Ratio Lower Upper
 74 100
 45 104.7 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.253 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBS02

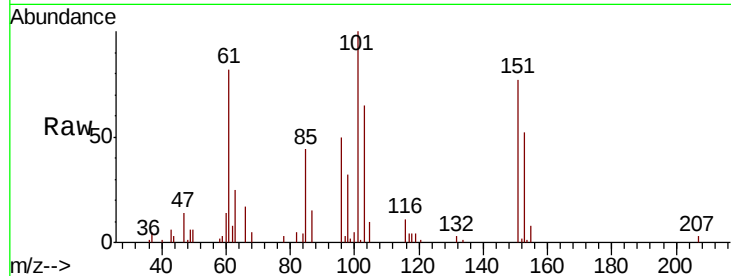
Tot Ion:101 Resp: 40372

Ion Ratio Lower Upper

101 100

85 44.5 35.6 53.4

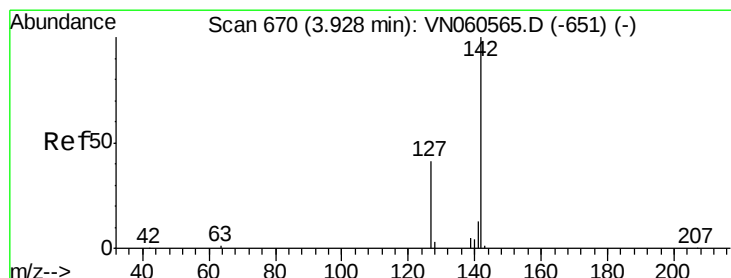
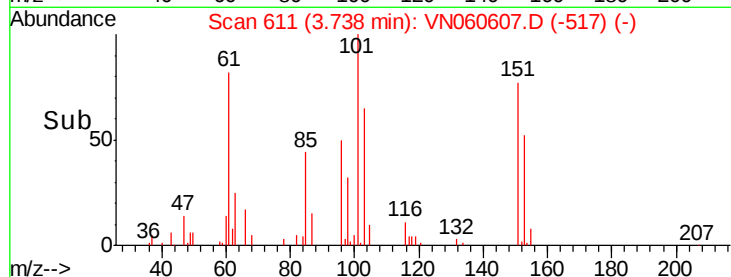
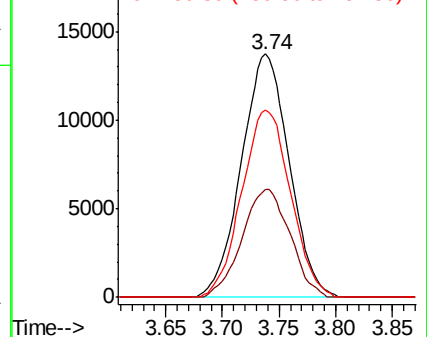
151 78.5 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.884 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

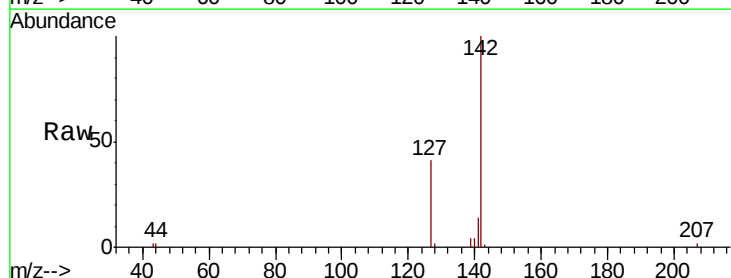
Tgt Ion:142 Resp: 38818

Ion Ratio Lower Upper

142 100

127 42.4 33.5 50.3

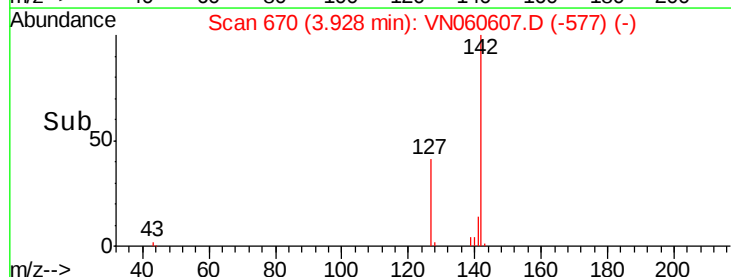
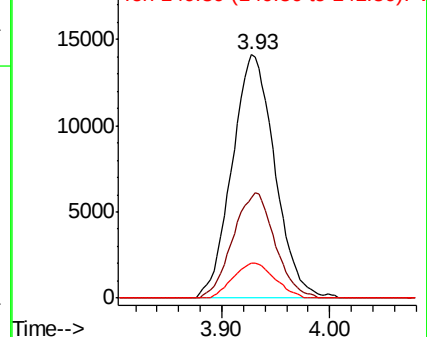
141 14.0 11.0 16.6

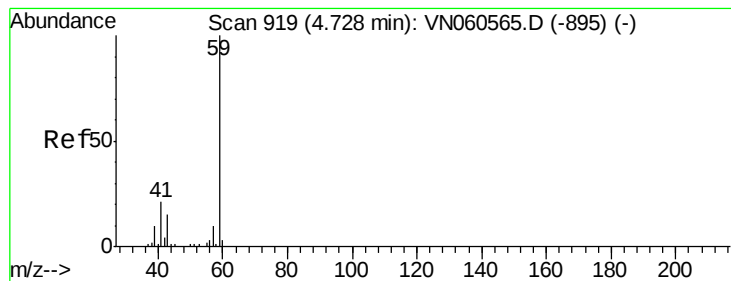


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



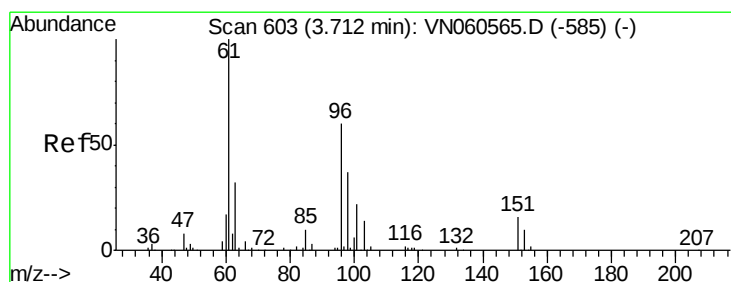
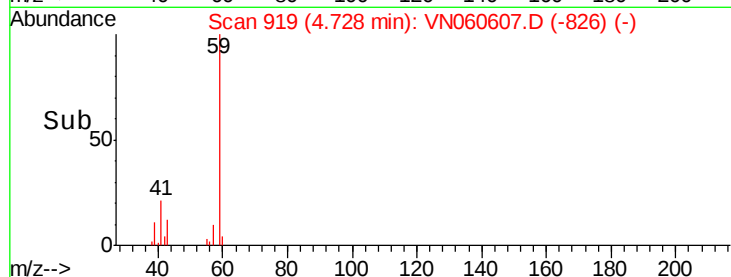
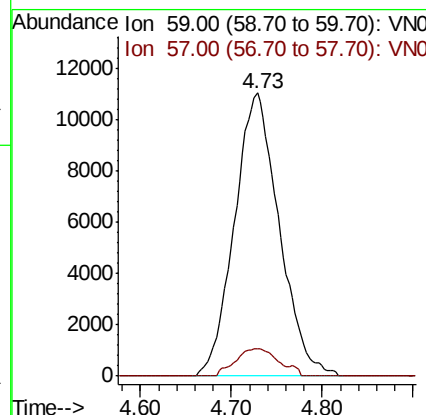
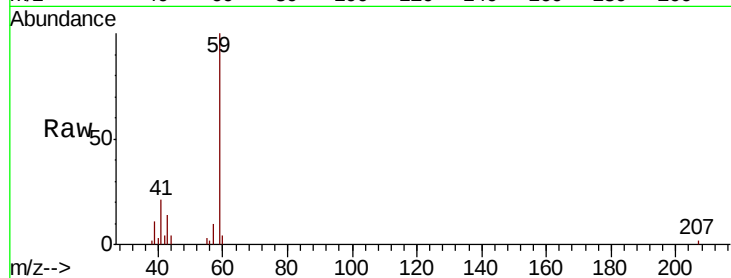


#11

Tert butyl alcohol
 Concen: 94.335 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VN060607.D
 Acq: 18 Mar 2020 22:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBS02

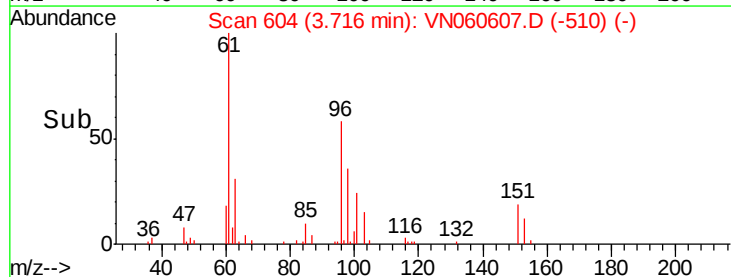
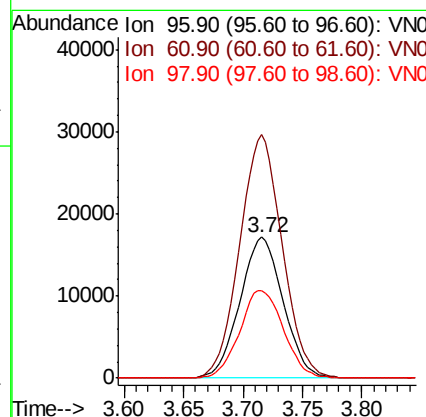
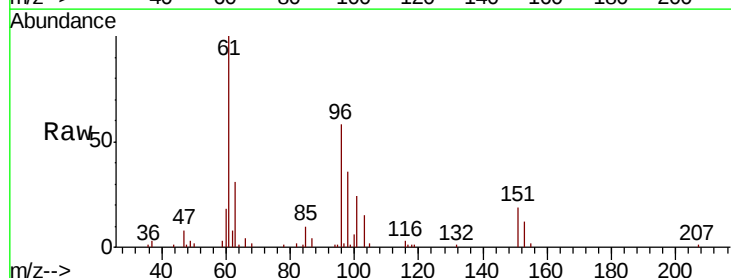
Tot Ion: 59 Resp: 37630
 Ion Ratio Lower Upper
 59 100
 57 9.4 8.2 12.4

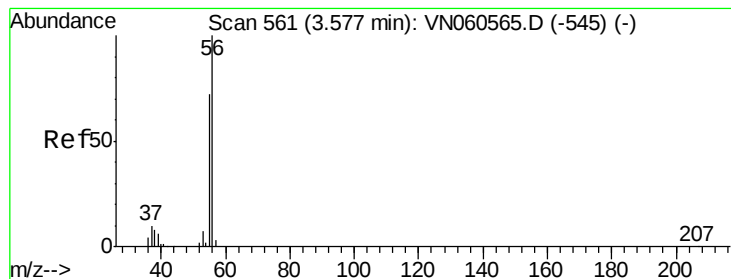


#12

1,1-Dichloroethene
 Concen: 20.183 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060607.D
 Acq: 18 Mar 2020 22:05

Tgt Ion: 96 Resp: 43174
 Ion Ratio Lower Upper
 96 100
 61 172.8 134.1 201.1
 98 62.4 49.9 74.9





#13

Acrolein

Concen: 81.729 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

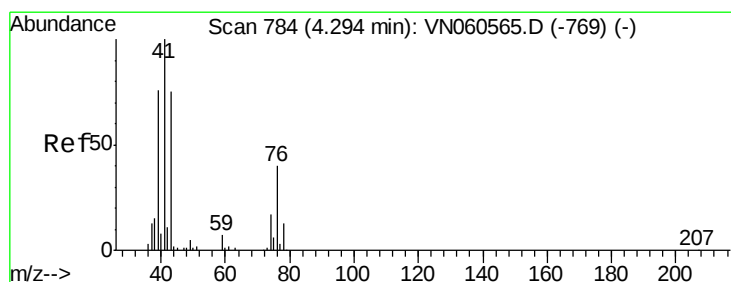
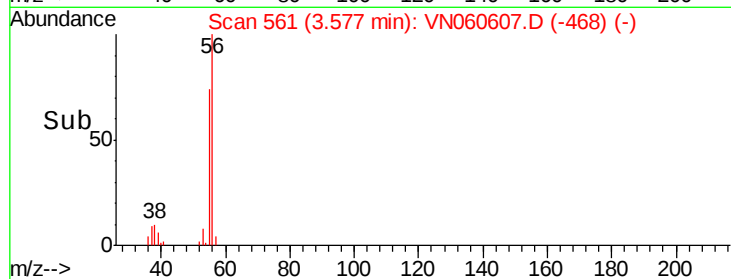
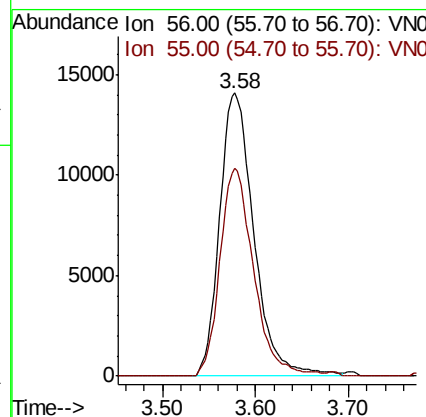
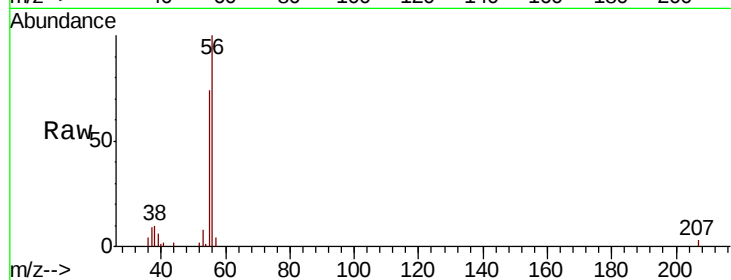
VN0318WBS02

Tot Ion: 56 Resp: 36132

Ion Ratio Lower Upper

56 100

55 72.2 56.7 85.1



#14

Allyl chloride

Concen: 21.254 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

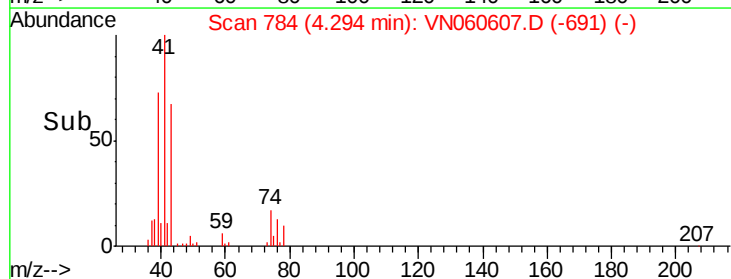
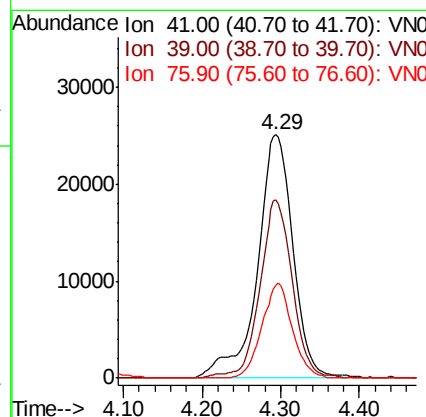
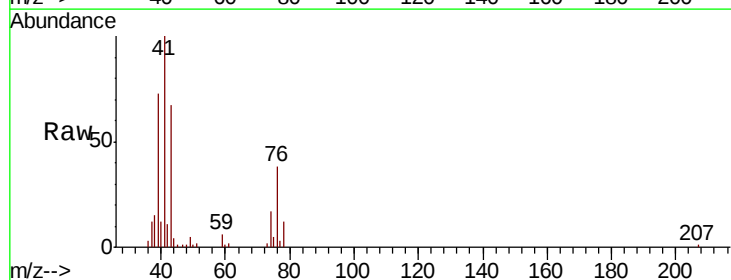
Tgt Ion: 41 Resp: 79964

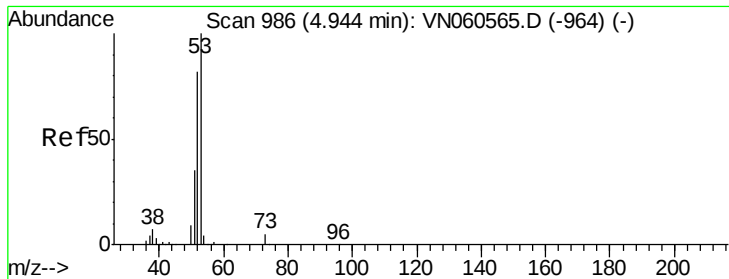
Ion Ratio Lower Upper

41 100

39 66.9 57.8 86.8

76 33.4 28.6 43.0





#15

Acrylonitrile

Concen: 101.572 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBS02

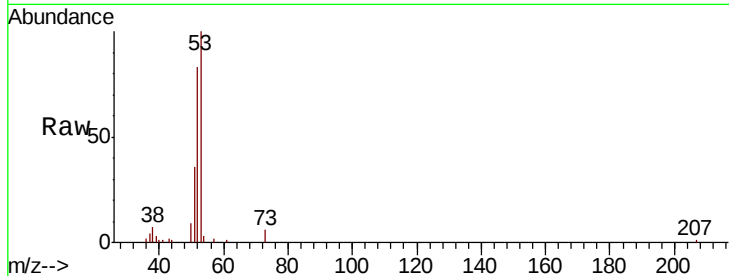
Tot Ion: 53 Resp: 119143

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.4

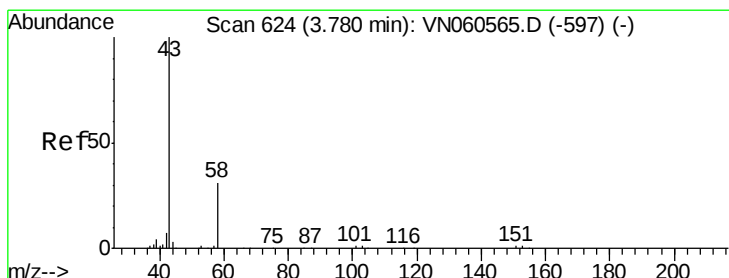
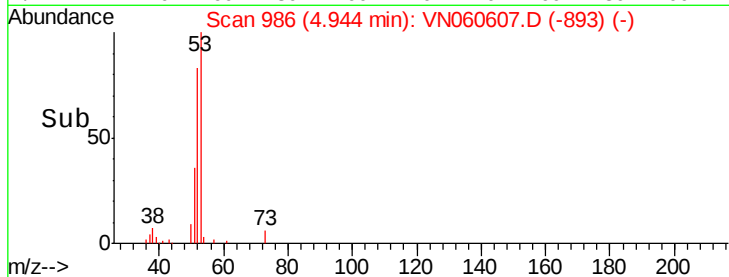
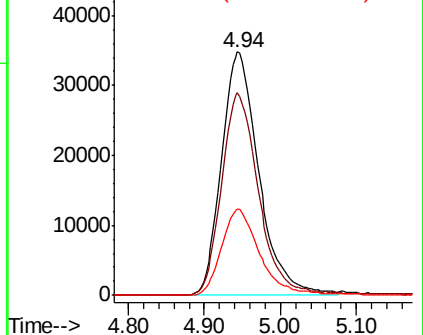
51 36.0 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 99.663 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060607.D

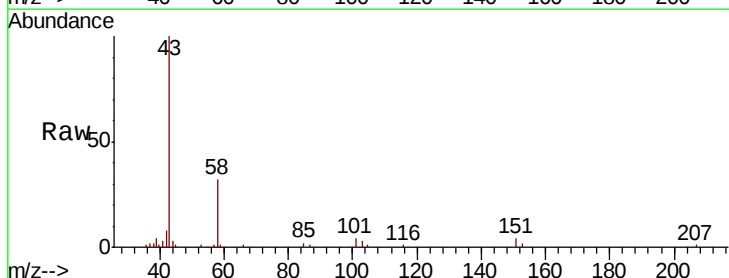
Acq: 18 Mar 2020 22:05

Tgt Ion: 43 Resp: 95752

Ion Ratio Lower Upper

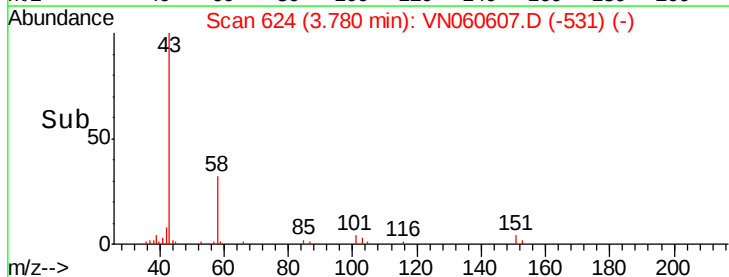
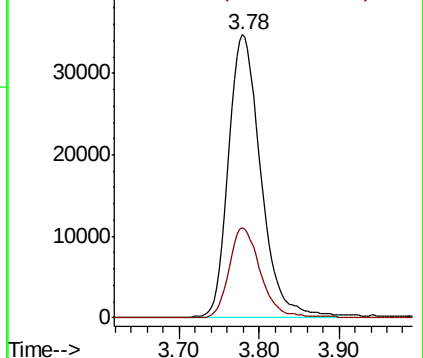
43 100

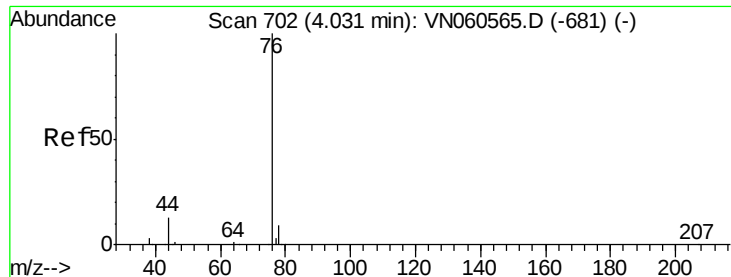
58 31.7 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 20.162 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampled :

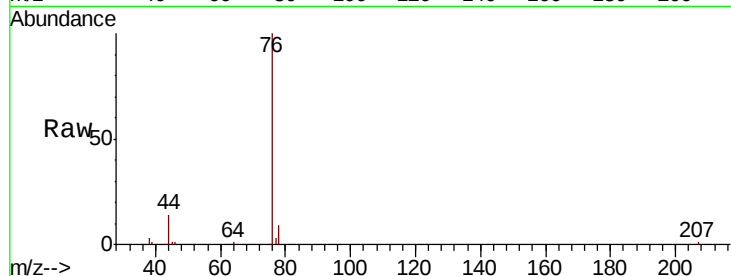
VN0318WBS02

Tot Ion: 76 Resp: 131171

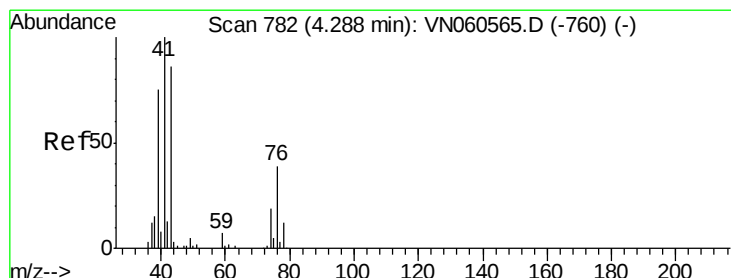
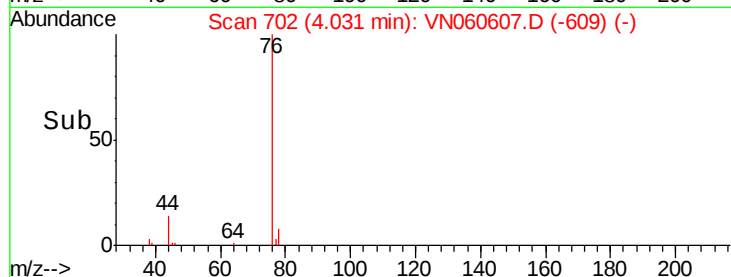
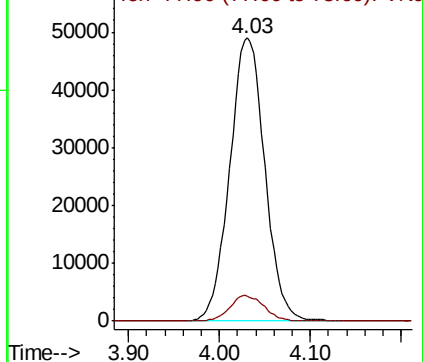
Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 19.713 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN060607.D

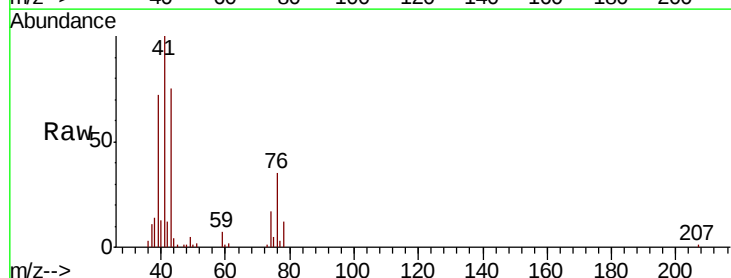
Acq: 18 Mar 2020 22:05

Tgt Ion: 43 Resp: 53311

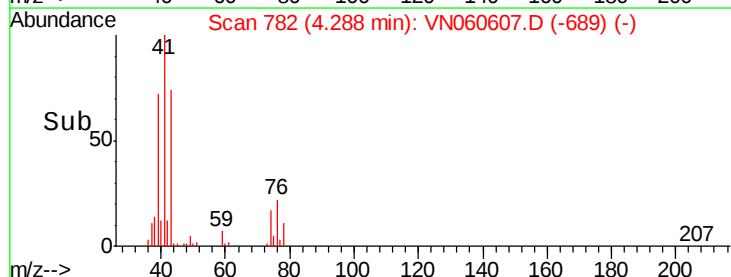
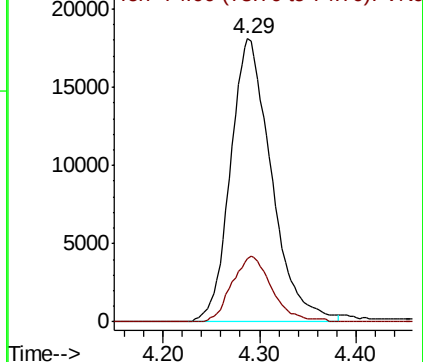
Ion Ratio Lower Upper

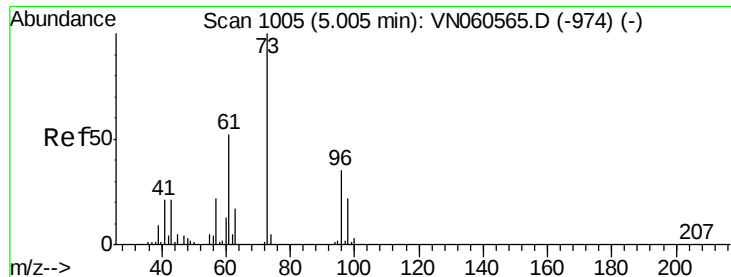
43 100

74 22.4 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

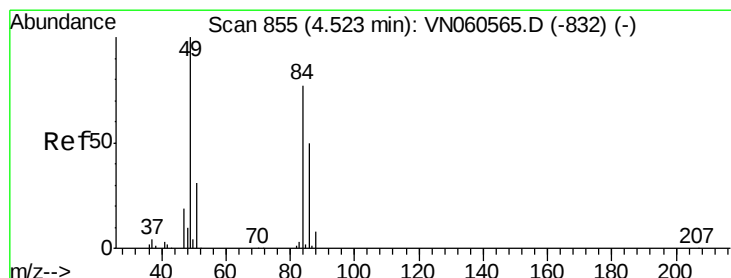
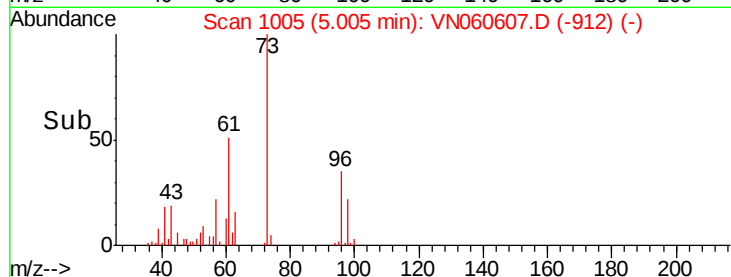
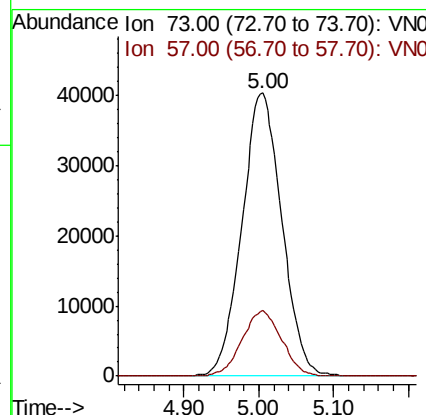
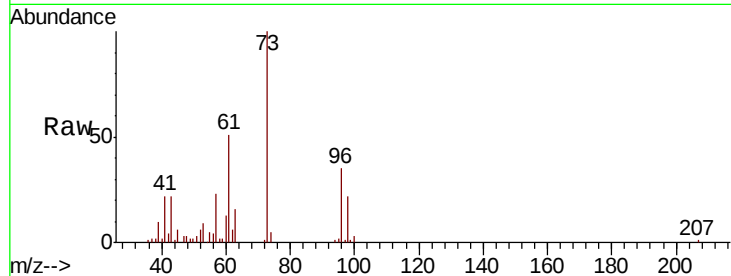




#19
Methyl tert-butyl Ether
Concen: 20.329 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

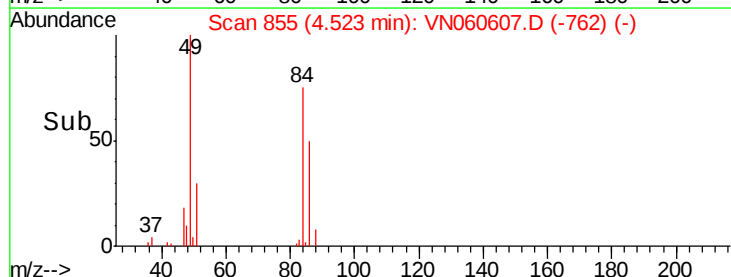
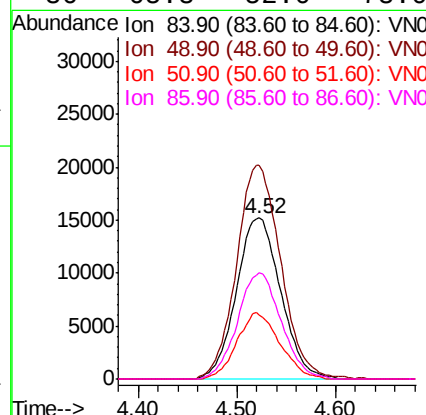
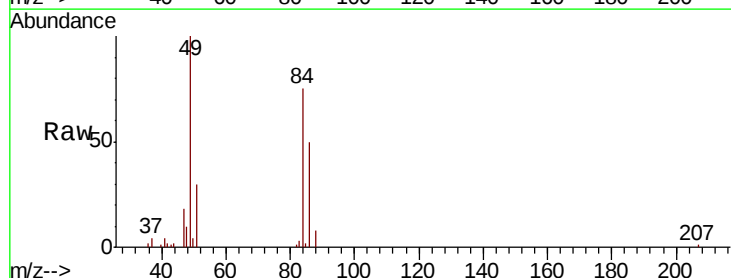
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS02

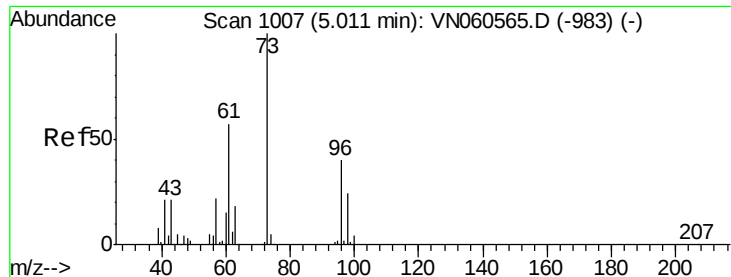
Tot Ion: 73 Resp: 149516
Ion Ratio Lower Upper
73 100
57 23.1 17.5 26.3



#20
Methylene Chloride
Concen: 20.080 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

Tgt Ion: 84 Resp: 47457
Ion Ratio Lower Upper
84 100
49 132.8 103.3 154.9
51 40.1 31.6 47.4
86 65.8 52.0 78.0

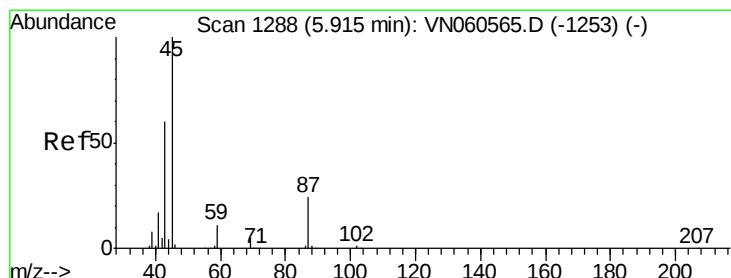
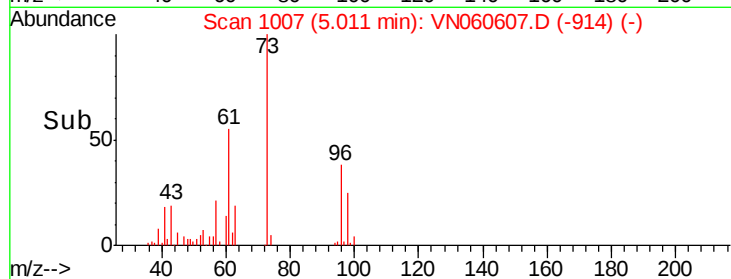
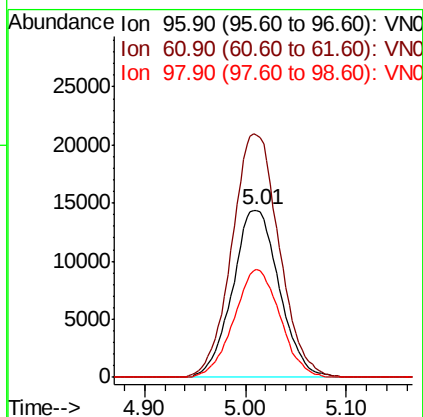
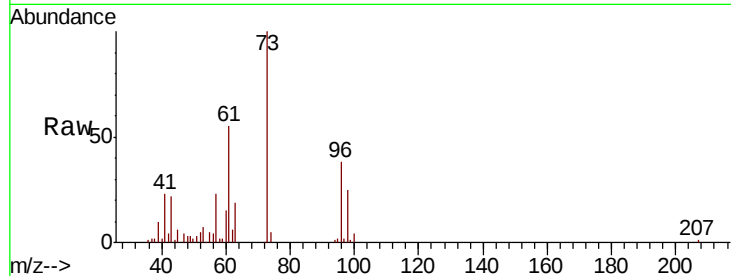




#21
trans-1,2-Dichloroethene
Concen: 20.263 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

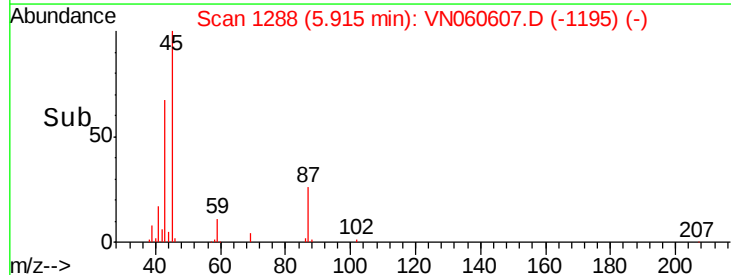
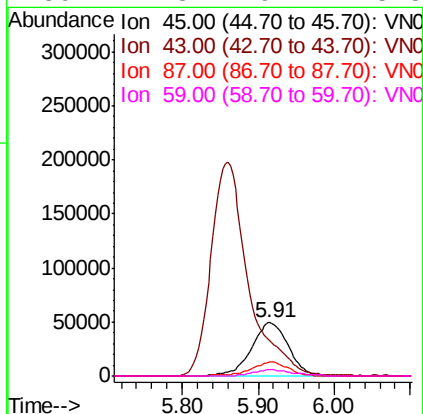
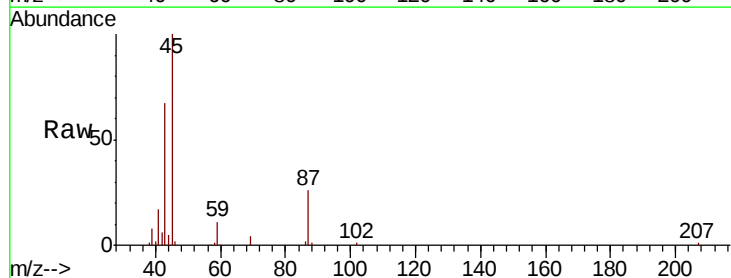
Instrument :
MSVOA_N
ClientSampled :
VN0318WBS02

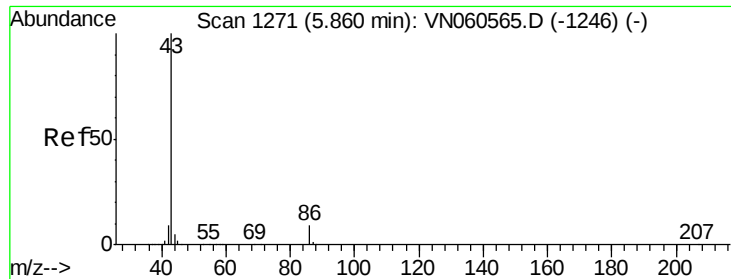
Tot Ion: 96 Resp: 46198
Ion Ratio Lower Upper
96 100
61 143.8 114.4 171.6
98 64.3 48.4 72.6



#22
Diisopropyl ether
Concen: 20.880 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

Tgt Ion: 45 Resp: 165968
Ion Ratio Lower Upper
45 100
43 64.8 49.8 74.8
87 25.6 20.1 30.1
59 11.3 9.2 13.8

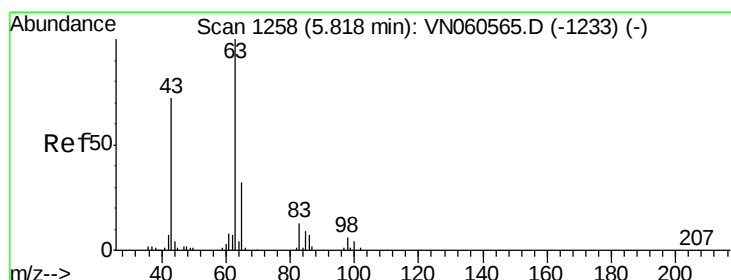
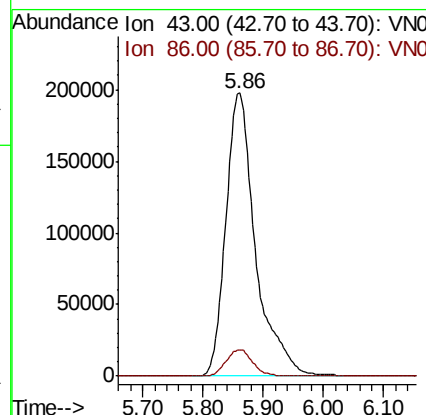
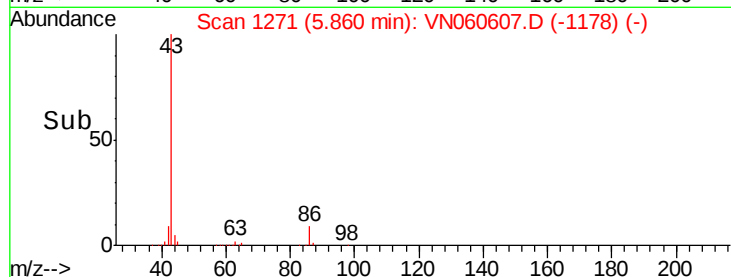
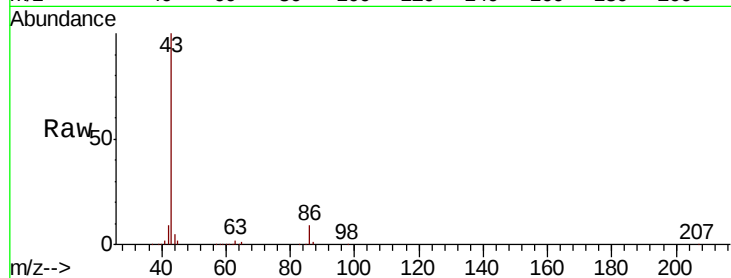




#23
 Vinyl Acetate
 Concen: 104.457 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN060607.D
 Acq: 18 Mar 2020 22:05

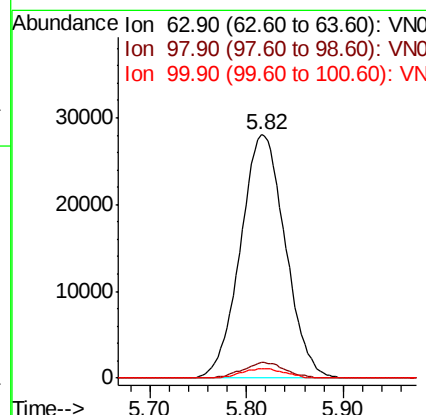
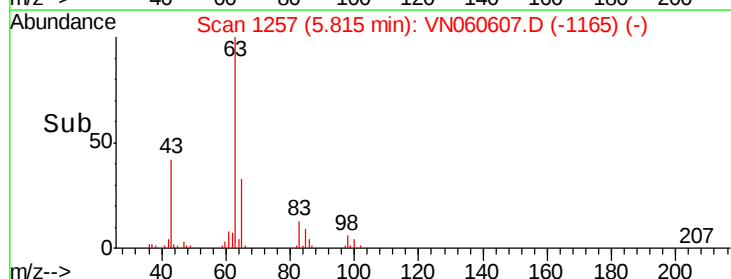
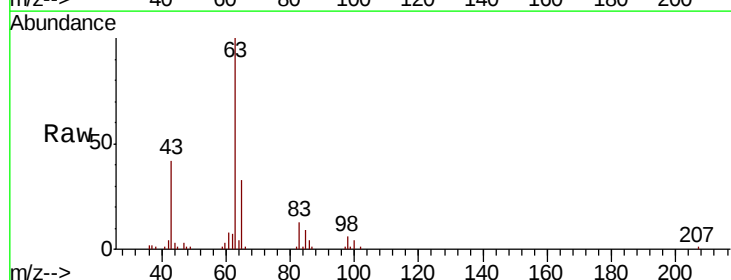
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBS02

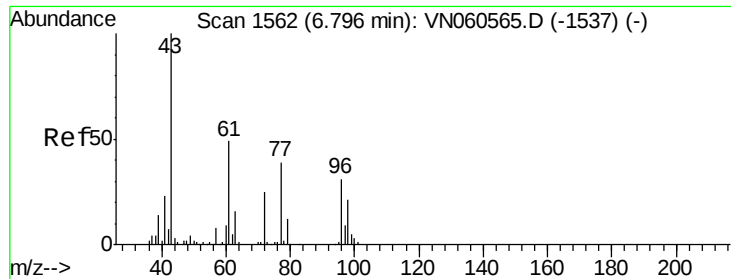
Tot Ion: 43 Resp: 677454
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 20.821 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060607.D
 Acq: 18 Mar 2020 22:05

Tgt Ion: 63 Resp: 90222
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.9 8.7
 100 4.0 1.8 5.5

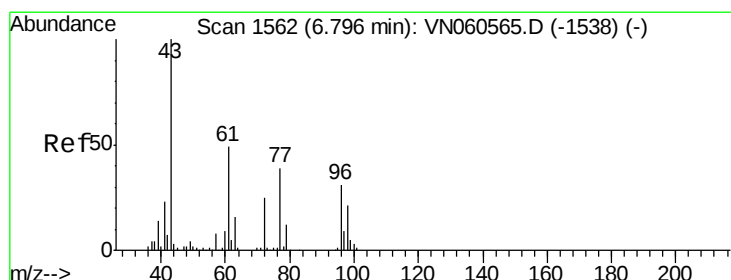
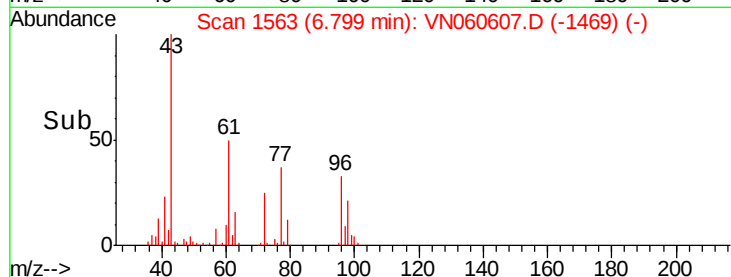
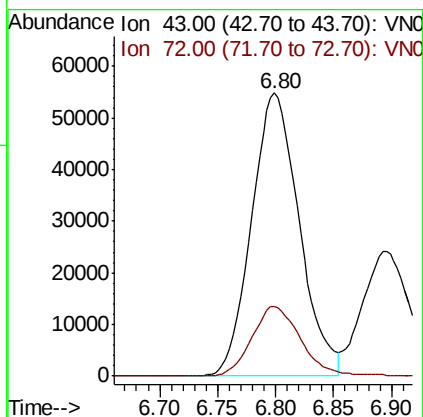
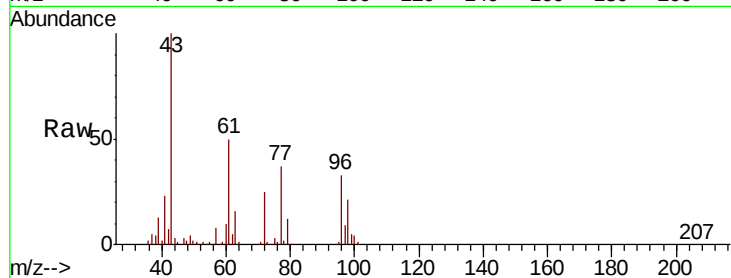




#25
2-Butanone
Concen: 100.804 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

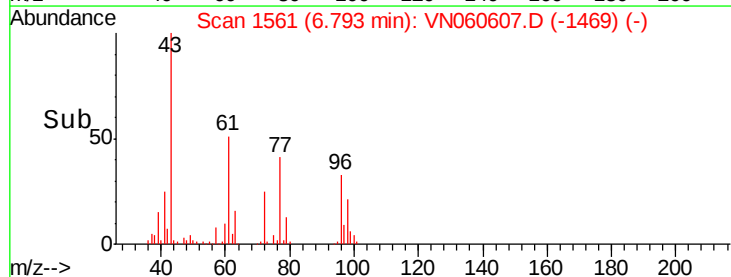
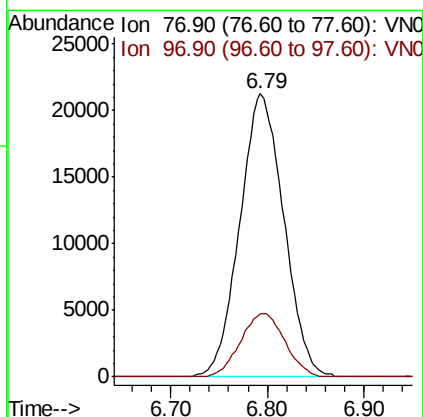
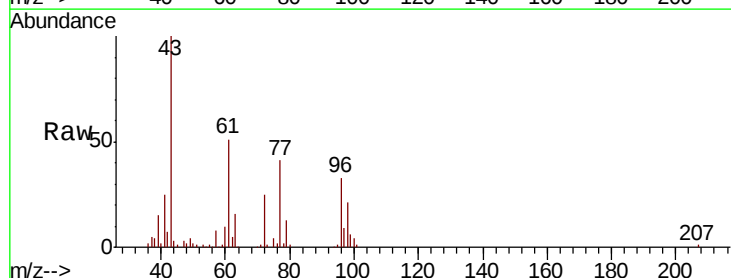
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS02

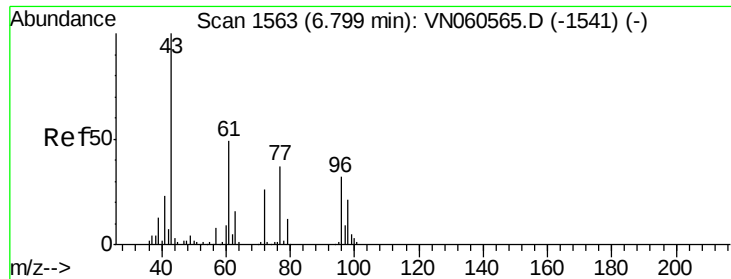
Tot Ion: 43 Resp: 156717
Ion Ratio Lower Upper
43 100
72 24.7 20.4 30.6



#26
2,2-Dichloropropane
Concen: 19.669 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

Tgt Ion: 77 Resp: 67059
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.335 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBS02

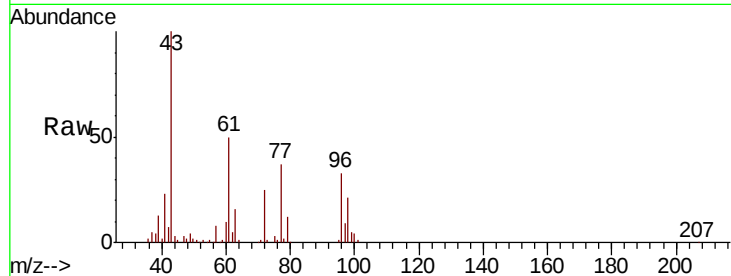
Tot Ion: 96 Resp: 52685

Ion Ratio Lower Upper

96 100

61 152.4 0.0 305.6

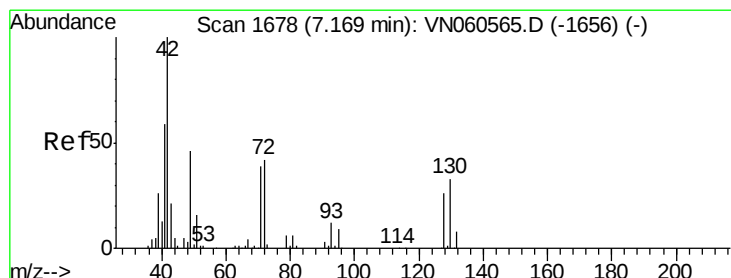
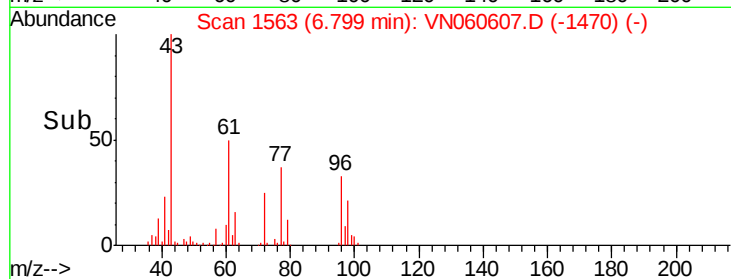
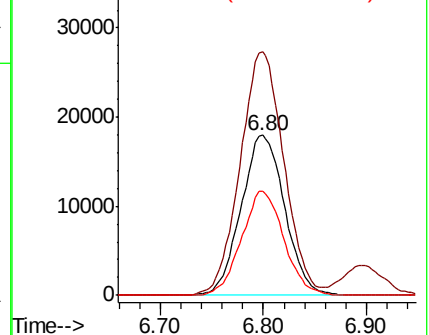
98 63.1 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.292 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

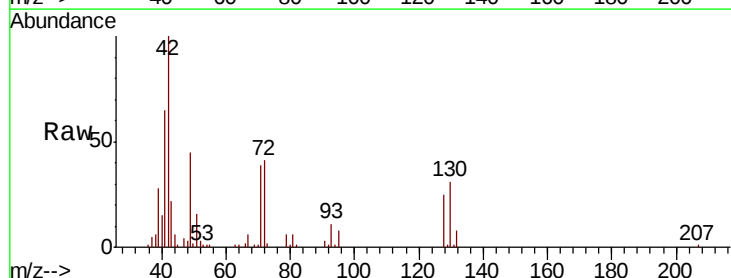
Tgt Ion: 49 Resp: 39996

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

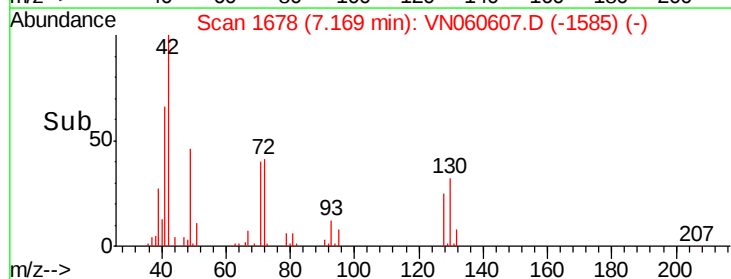
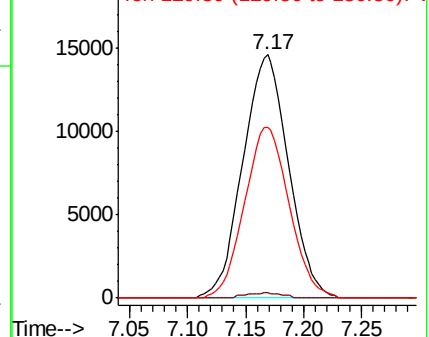
130 68.8 55.0 82.4

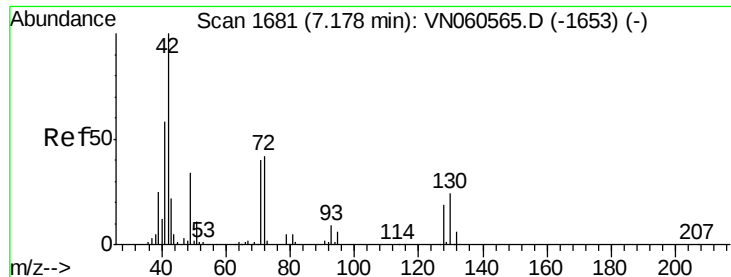


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

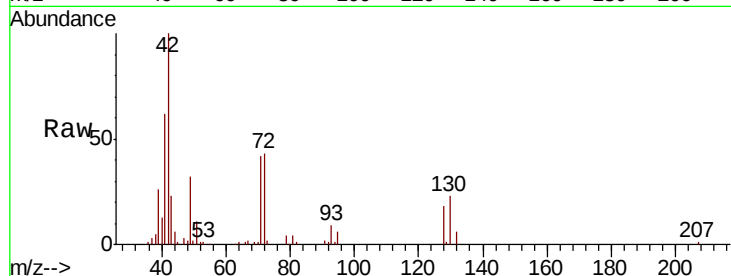




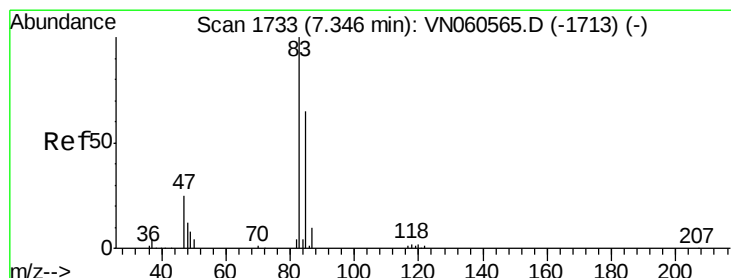
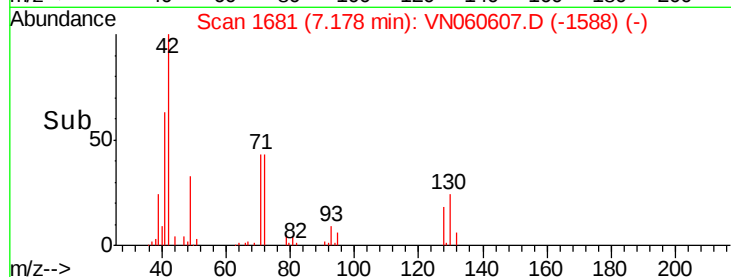
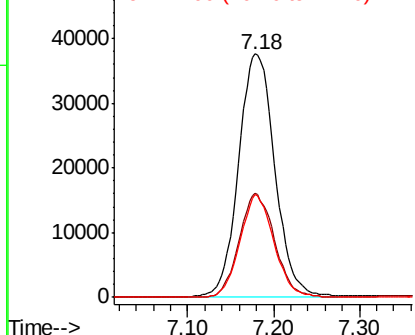
#29
Tetrahydrofuran
Concen: 100.656 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS02

Tot Ion: 42 Resp: 110721
Ion Ratio Lower Upper
42 100
72 41.4 33.2 49.8
71 39.3 31.1 46.7

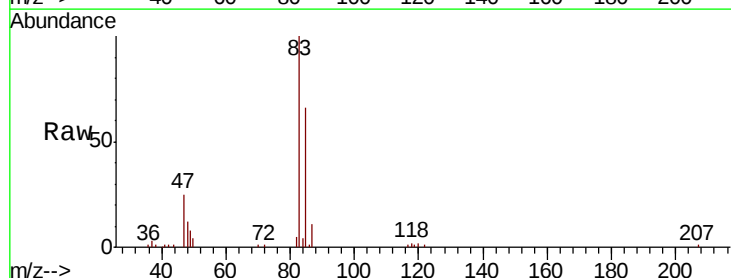


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

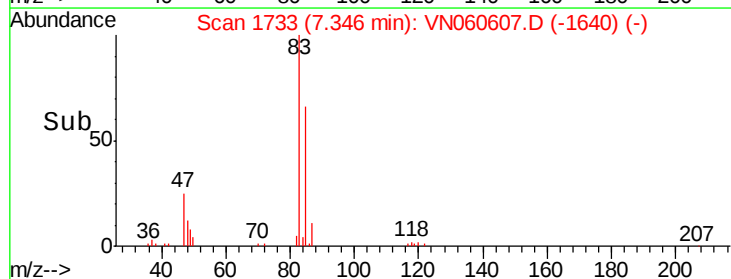
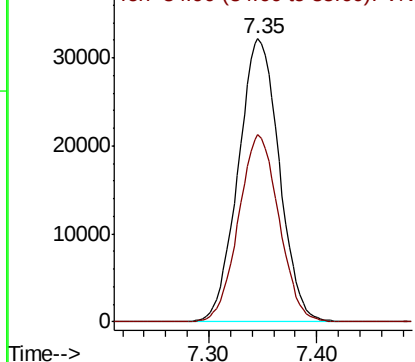


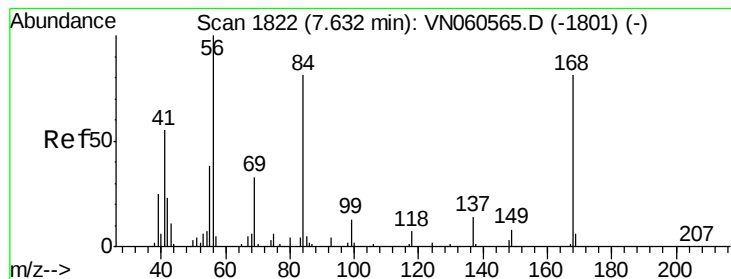
#30
Chloroform
Concen: 20.454 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

Tgt Ion: 83 Resp: 84968
Ion Ratio Lower Upper
83 100
85 66.2 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.896 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampled :

VN0318WBS02

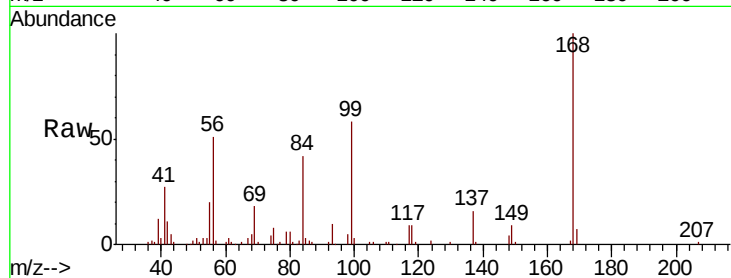
Tot Ion: 56 Resp: 86918

Ion Ratio Lower Upper

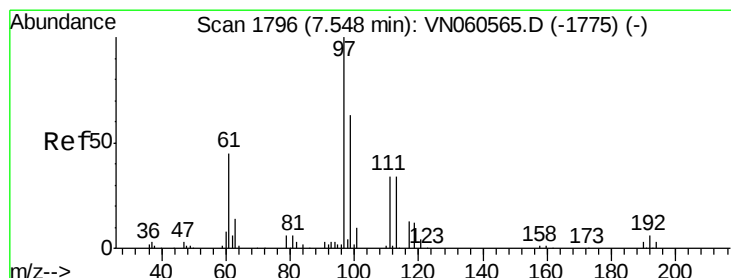
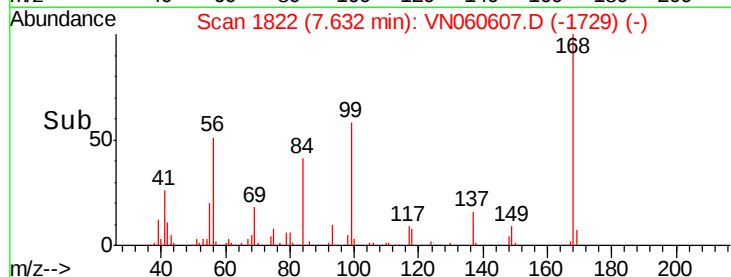
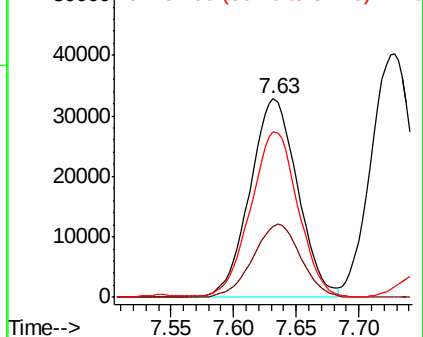
56 100

69 35.5 26.6 40.0

84 82.3 64.3 96.5



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.857 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

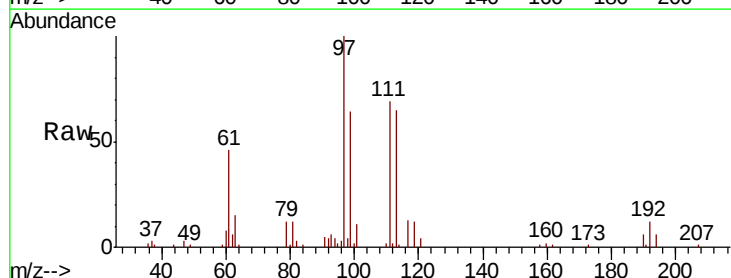
Tgt Ion: 97 Resp: 74690

Ion Ratio Lower Upper

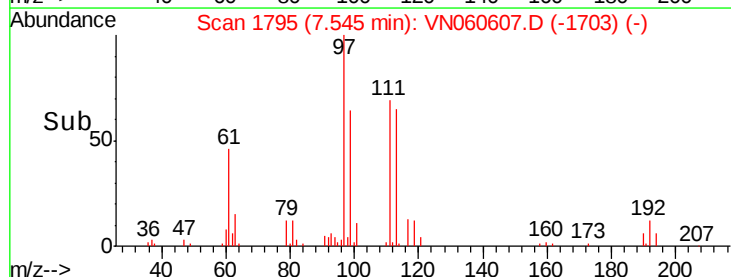
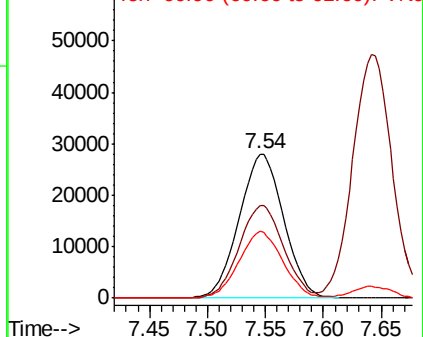
97 100

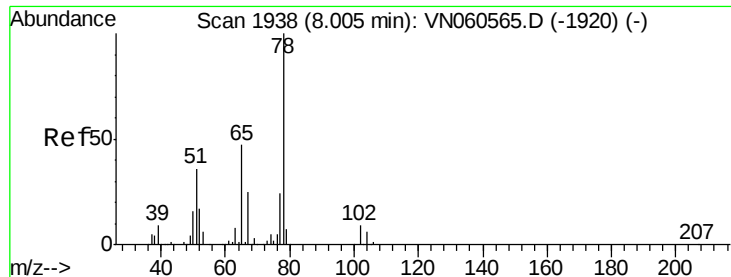
99 64.3 50.6 75.8

61 45.5 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

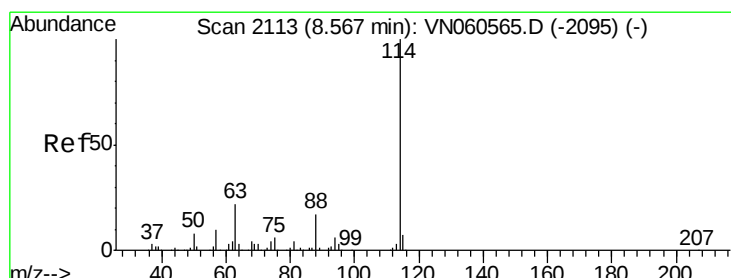
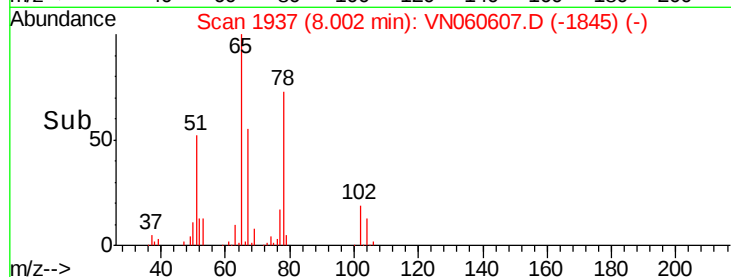
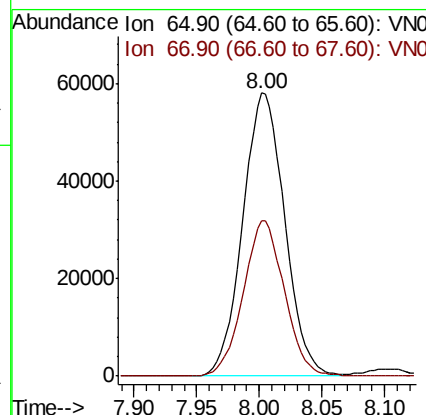
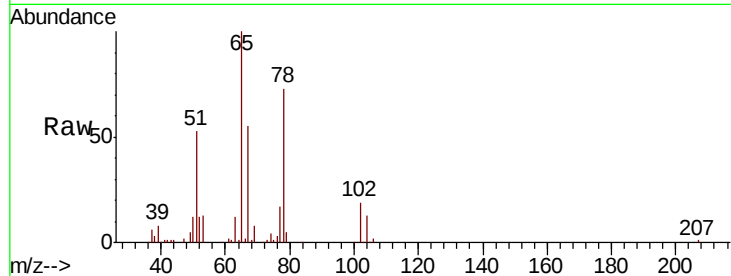




#33
 1,2-Dichloroethane-d4
 Concen: 49.925 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060607.D
 Acq: 18 Mar 2020 22:05

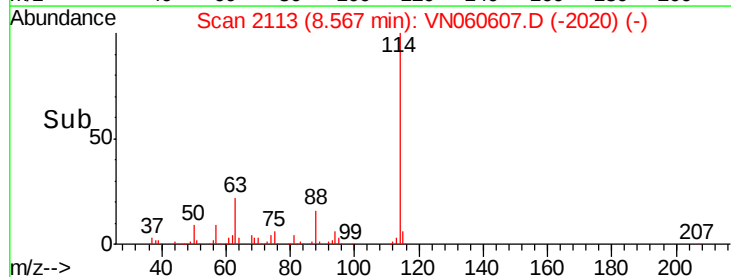
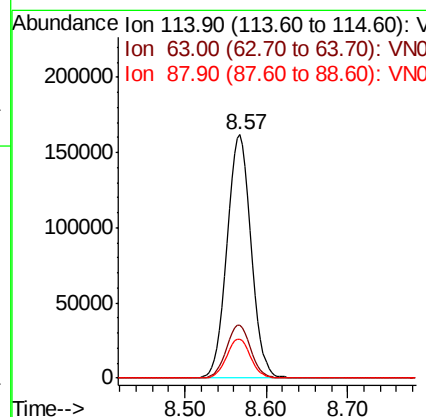
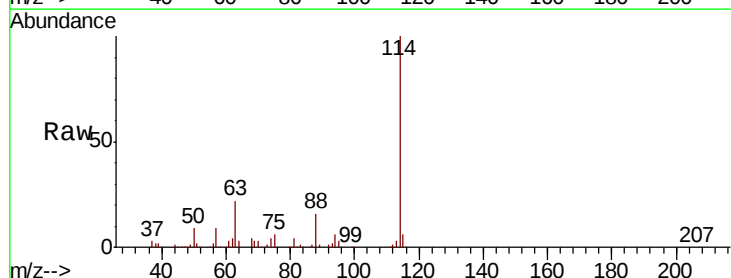
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBS02

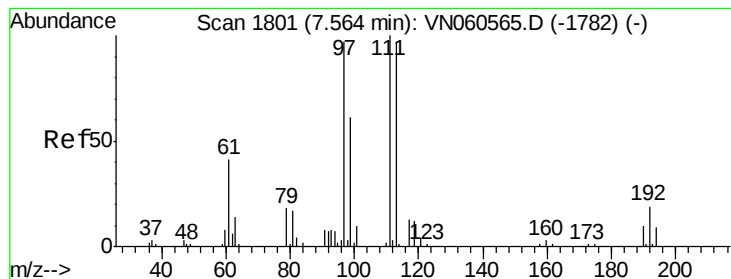
Tot Ion: 65 Resp: 135412
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060607.D
 Acq: 18 Mar 2020 22:05

Tgt Ion: 114 Resp: 339040
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.8
 88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.368 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBS02

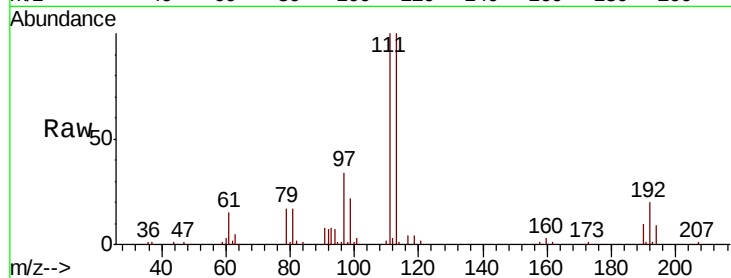
Tot Ion:113 Resp: 101207

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

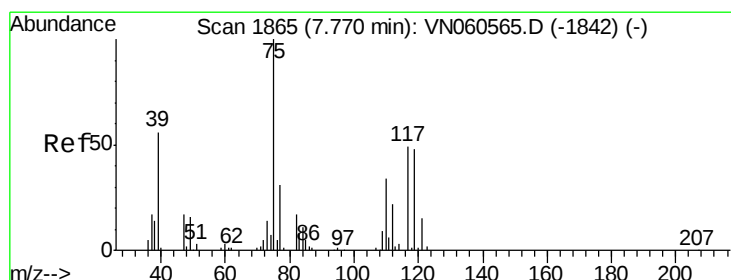
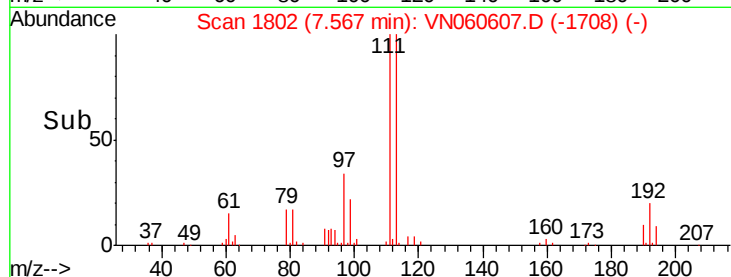
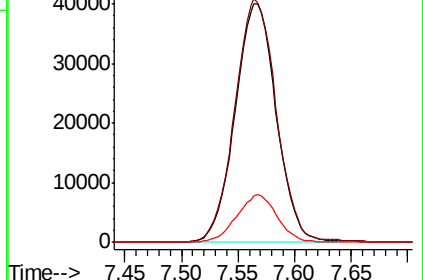
192 19.5 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.344 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

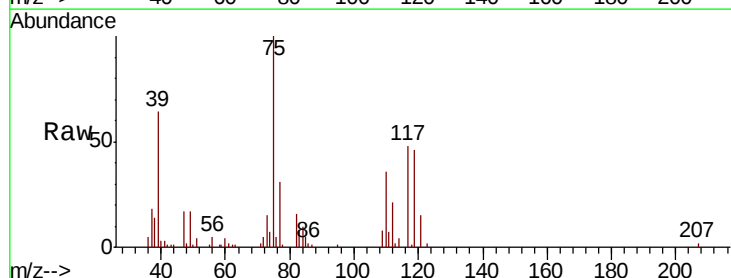
Tgt Ion: 75 Resp: 66790

Ion Ratio Lower Upper

75 100

110 33.8 16.9 50.6

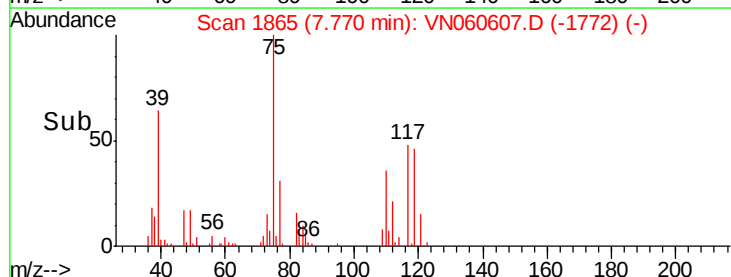
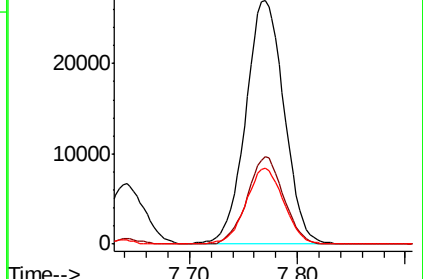
77 30.6 24.6 36.8

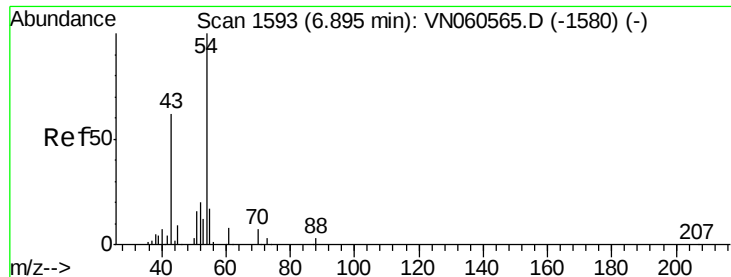


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

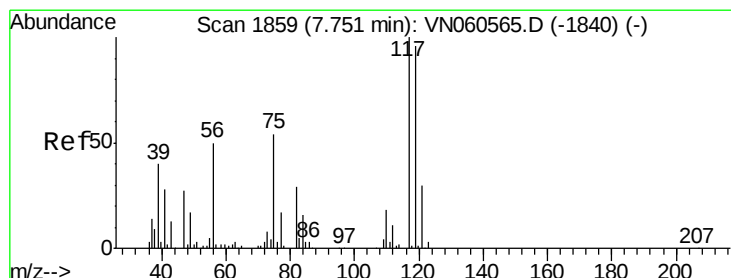
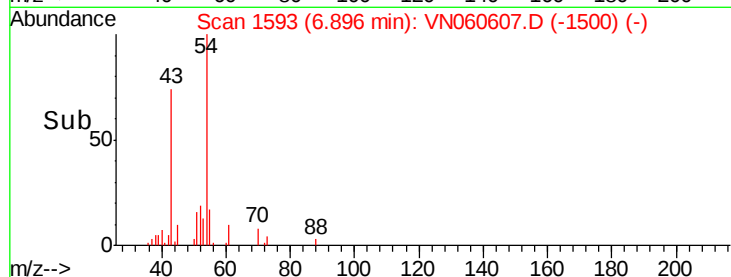
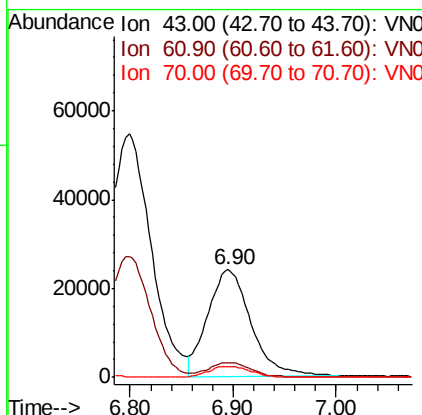
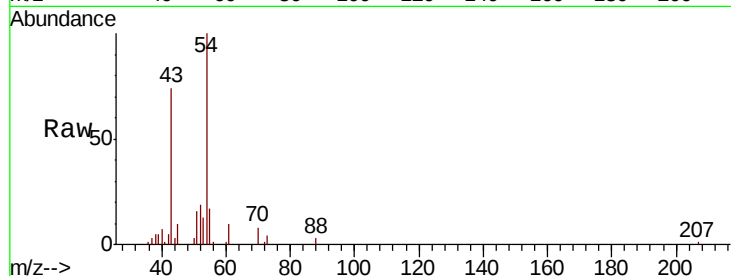




#37
Ethyl Acetate
Concen: 19.697 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

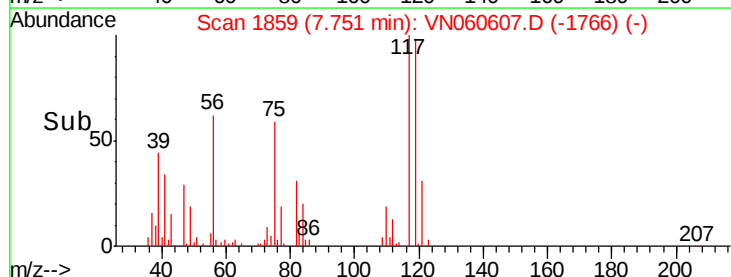
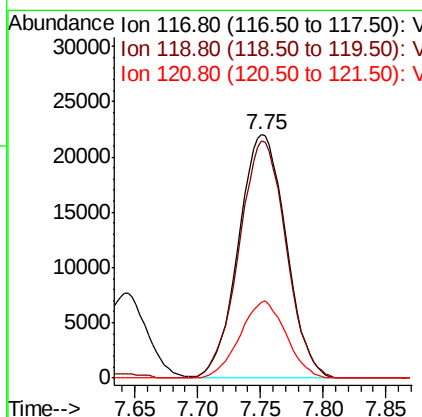
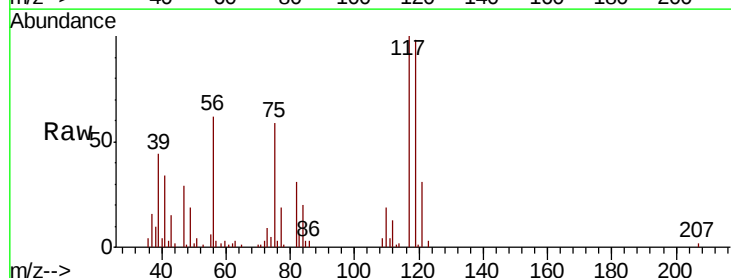
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS02

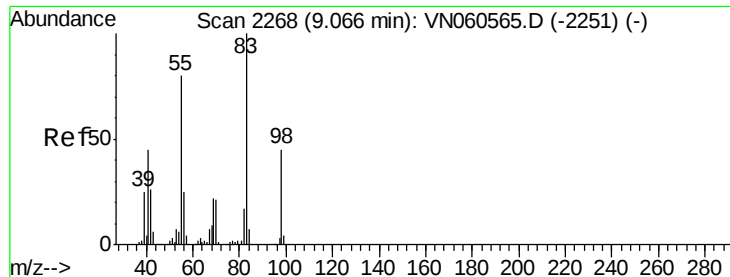
Tot Ion: 43 Resp: 69870
Ion Ratio Lower Upper
43 100
61 13.9 10.6 15.8
70 9.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 19.734 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

Tgt Ion: 117 Resp: 58066
Ion Ratio Lower Upper
117 100
119 97.7 76.2 114.2
121 30.9 23.7 35.5

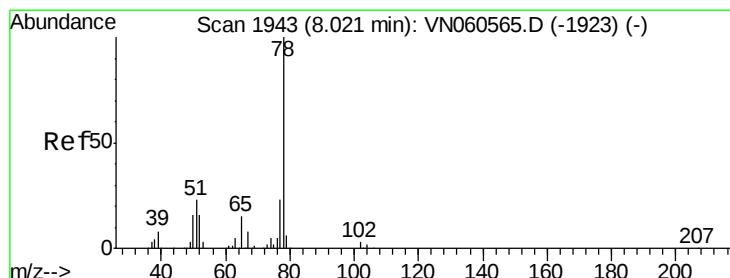
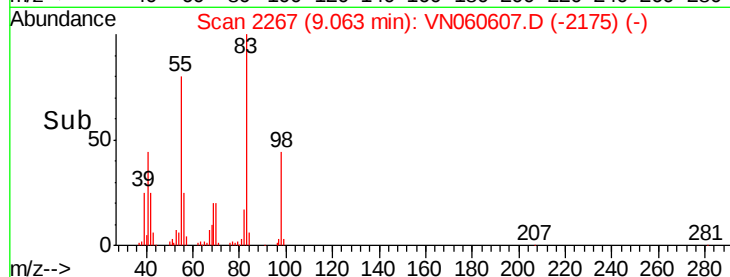
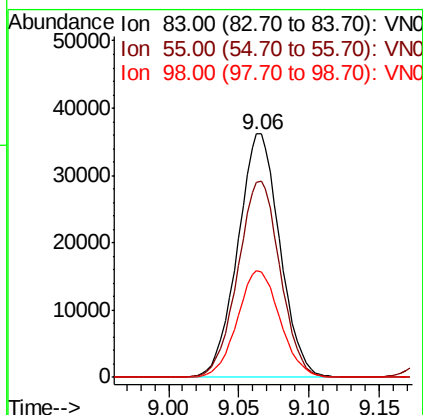
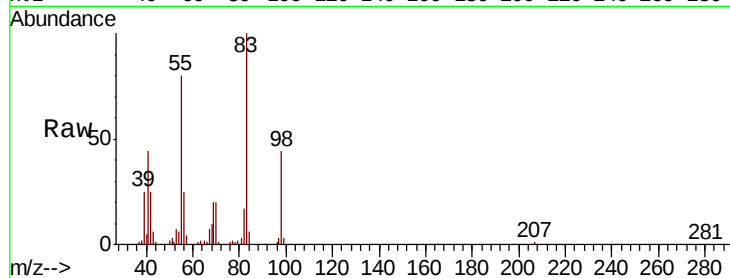




#39
Methvlcvclohexane
Concen: 19.376 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

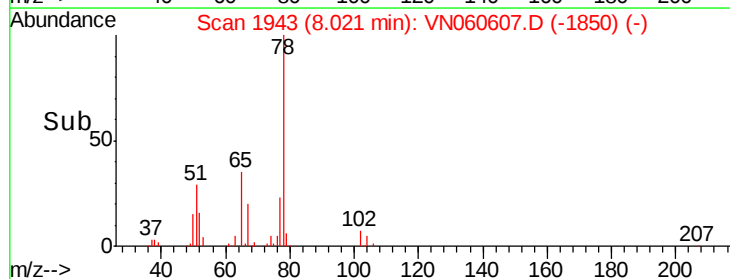
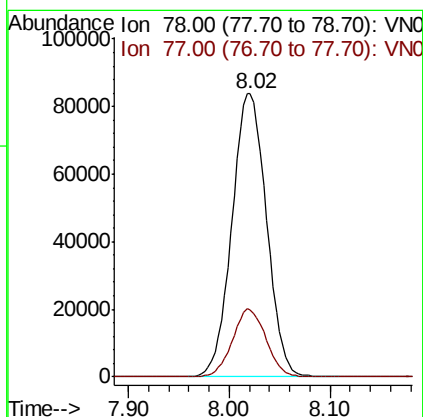
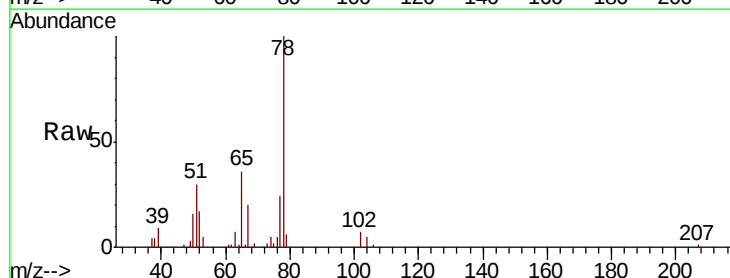
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS02

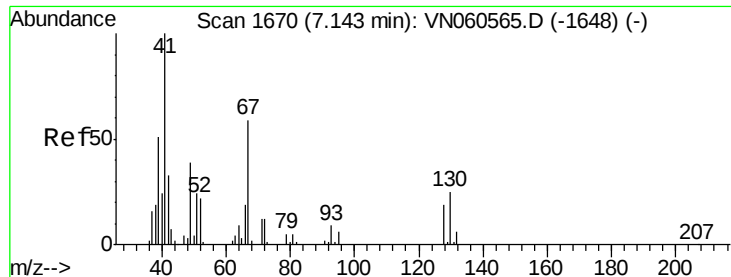
Tot Ion: 83 Resp: 75592
Ion Ratio Lower Upper
83 100
55 80.3 63.6 95.4
98 43.8 36.0 54.0



#40
Benzene
Concen: 20.094 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

Tgt Ion: 78 Resp: 199136
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0

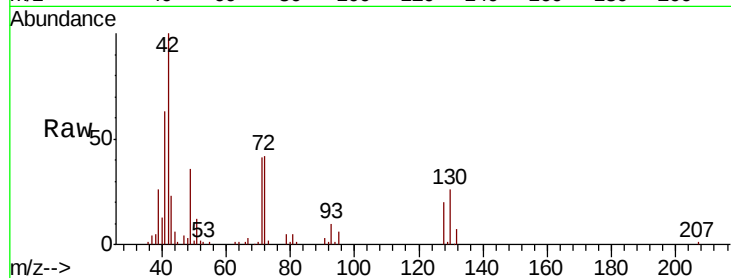




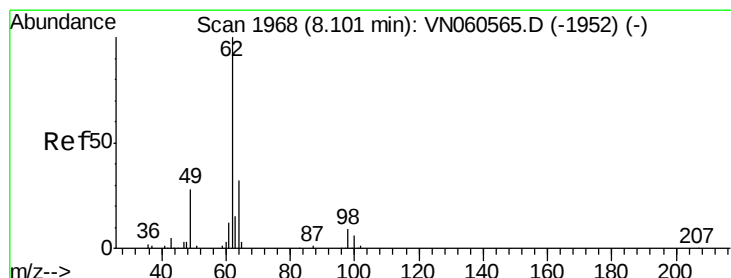
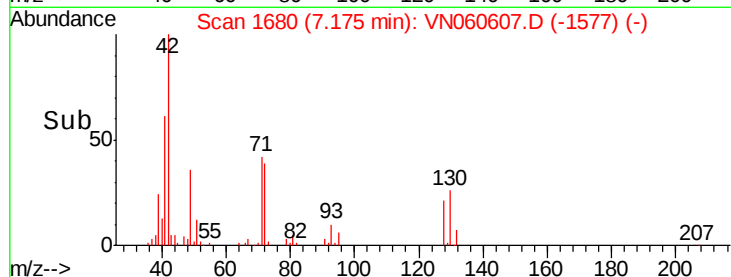
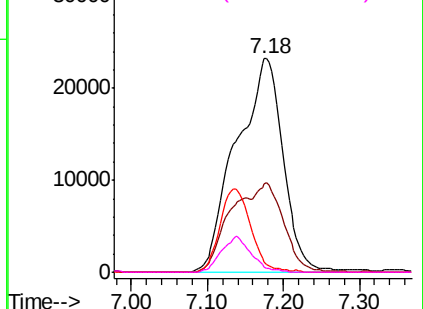
#41
Methacrylonitrile
Concen: 65.488 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS02

Tot Ion:	41	Resp:	99142
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

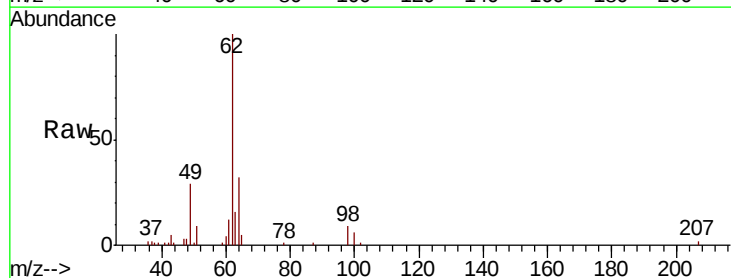


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

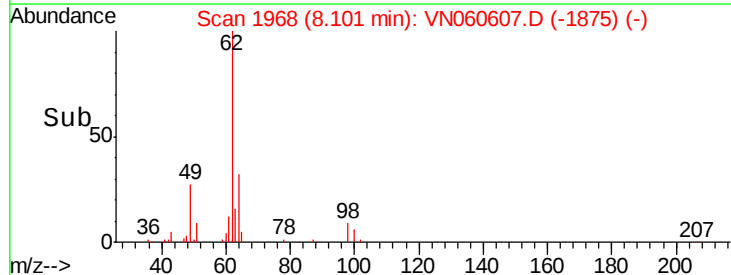
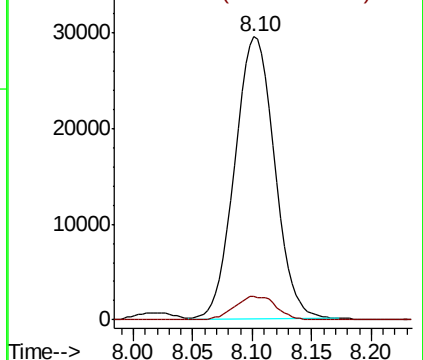


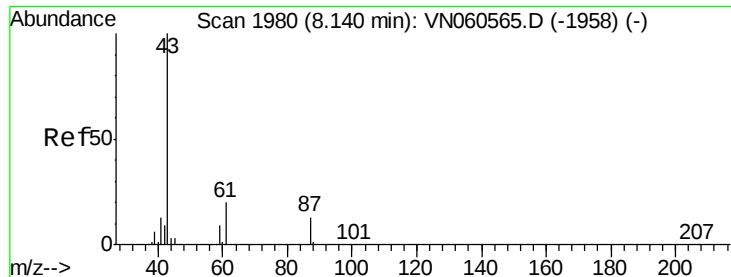
#42
1,2-Dichloroethane
Concen: 20.189 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

Tgt Ion:	62	Resp:	68378
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.972 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBS02

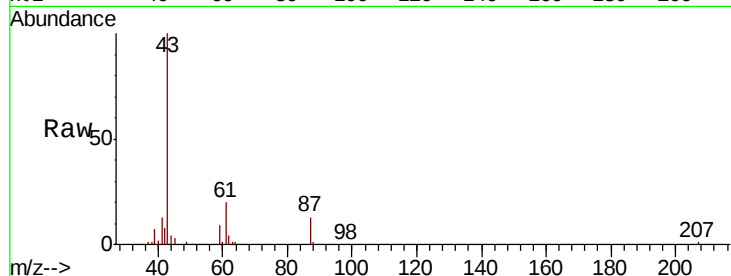
Tot Ion: 43 Resp: 116841

Ion Ratio Lower Upper

43 100

61 25.7 20.7 31.1

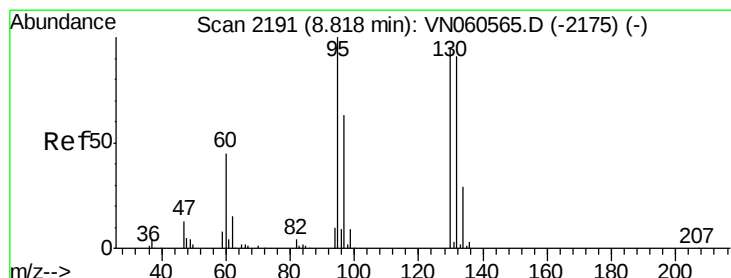
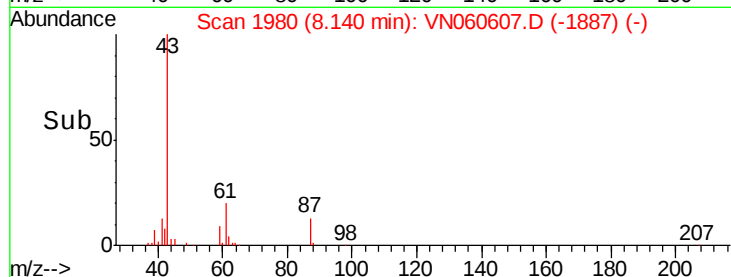
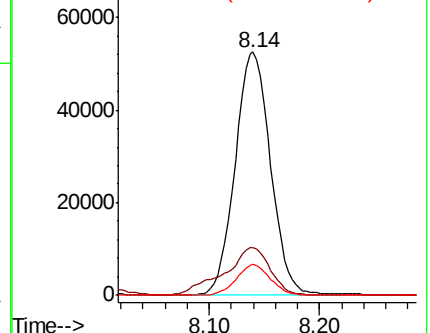
87 12.1 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060565.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060565.D (-1958) (-)



#44

Trichloroethene

Concen: 20.544 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060607.D

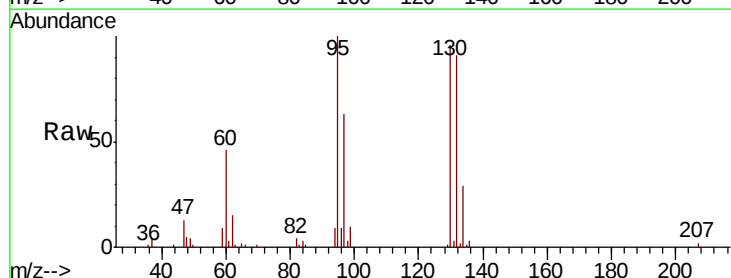
Acq: 18 Mar 2020 22:05

Tgt Ion: 130 Resp: 51326

Ion Ratio Lower Upper

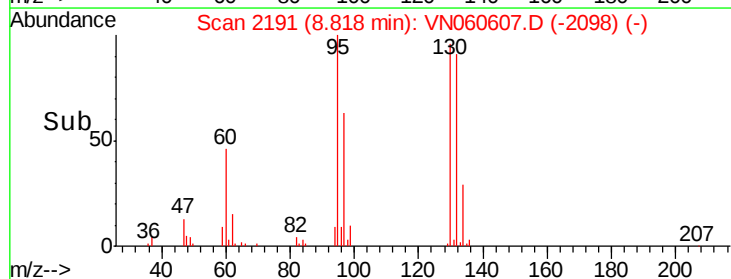
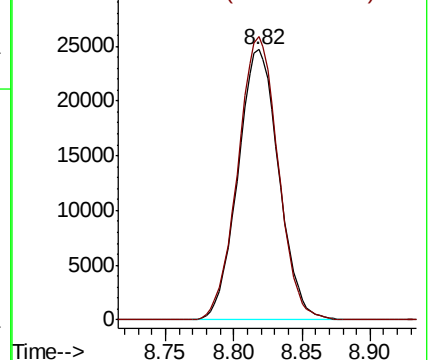
130 100

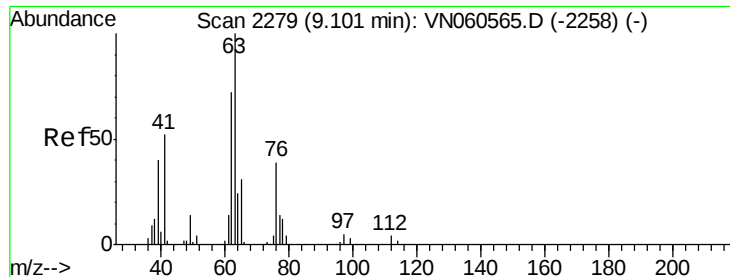
95 104.7 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN060565.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060565.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 20.470 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

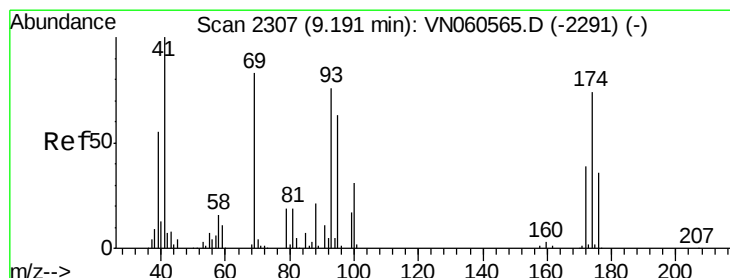
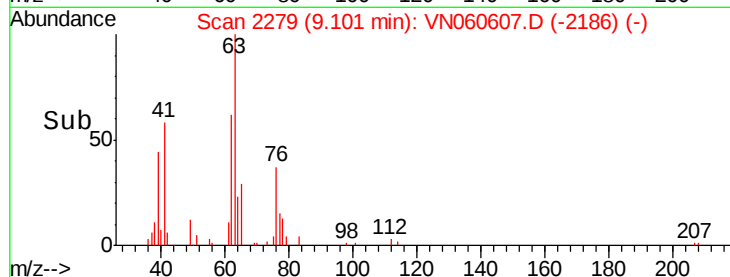
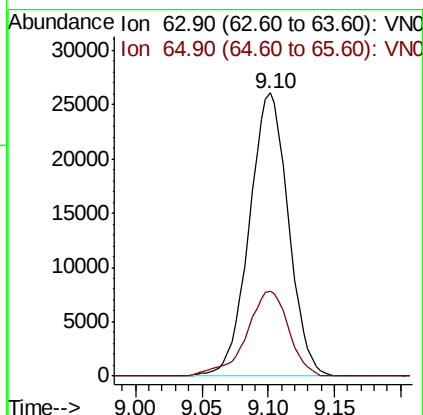
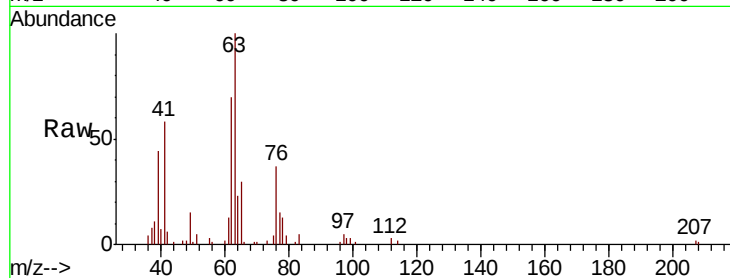
VN0318WBS02

Tot Ion: 63 Resp: 53531

Ion Ratio Lower Upper

63 100

65 30.0 25.4 38.0



#46

Dibromomethane

Concen: 20.479 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

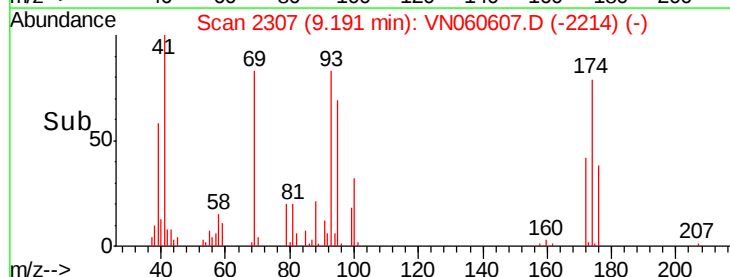
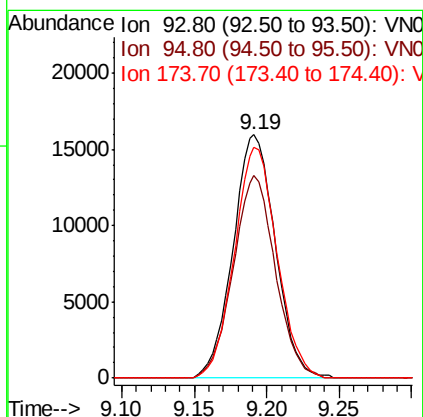
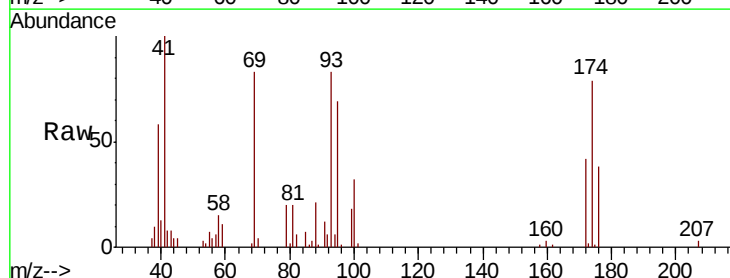
Tgt Ion: 93 Resp: 32376

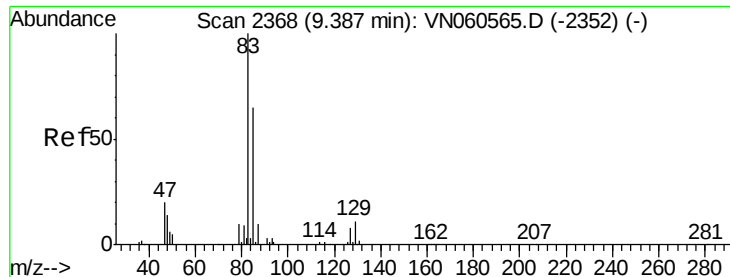
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

174 95.3 77.9 116.9





#47

Bromodichloromethane

Concen: 20.141 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBS02

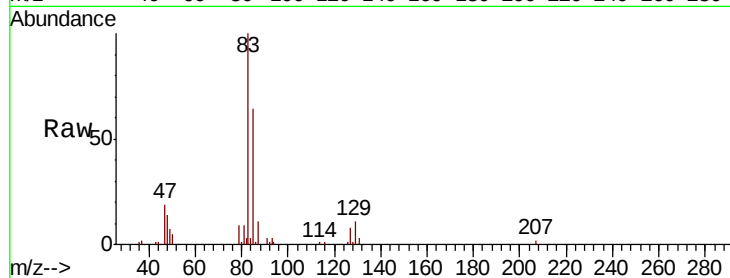
Tot Ion: 83 Resp: 66167

Ion Ratio Lower Upper

83 100

85 63.6 51.8 77.6

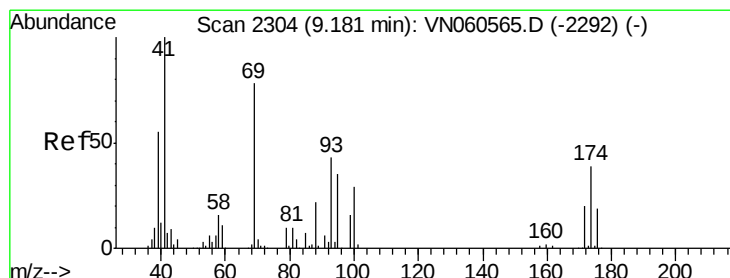
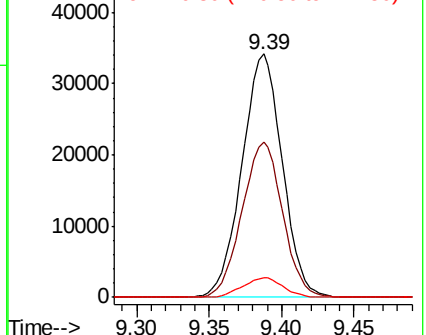
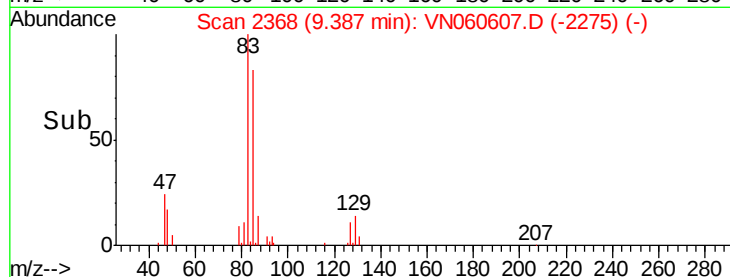
127 8.1 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060607.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060607.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060607.D (-2275) (-)



#48

Methyl methacrylate

Concen: 19.037 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

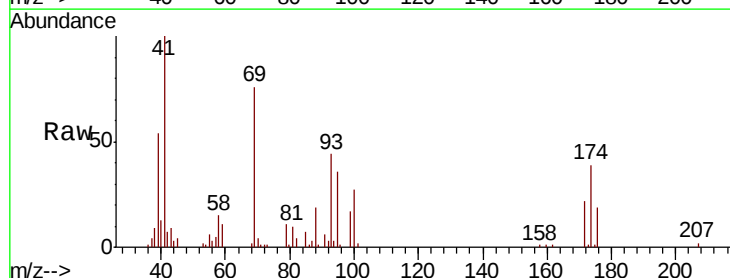
Tgt Ion: 41 Resp: 49586

Ion Ratio Lower Upper

41 100

69 82.2 65.4 98.0

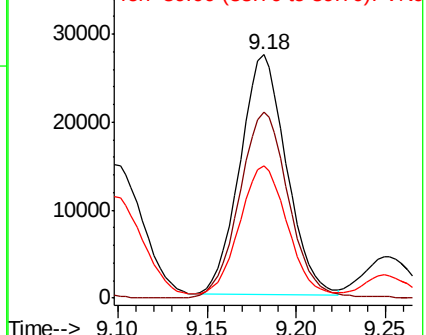
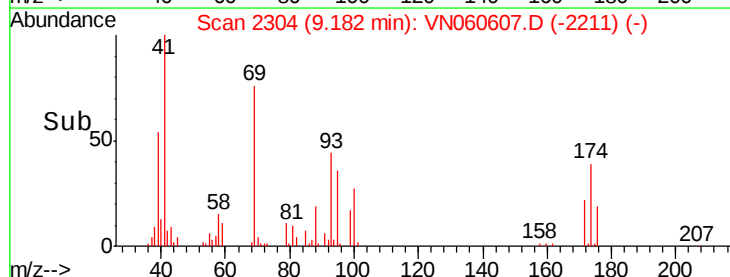
39 58.3 44.0 66.0

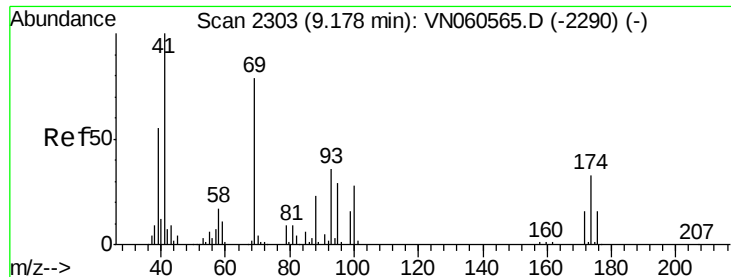


Abundance Ion 41.00 (40.70 to 41.70): VN060607.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060607.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060607.D (-2211) (-)

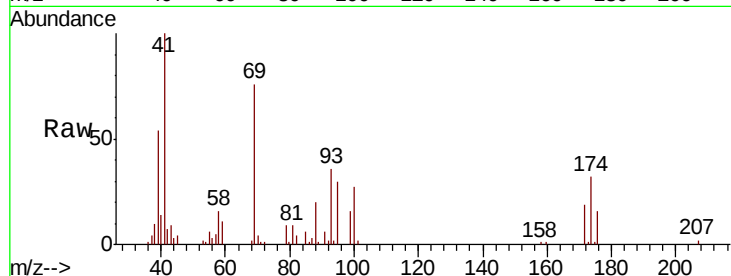




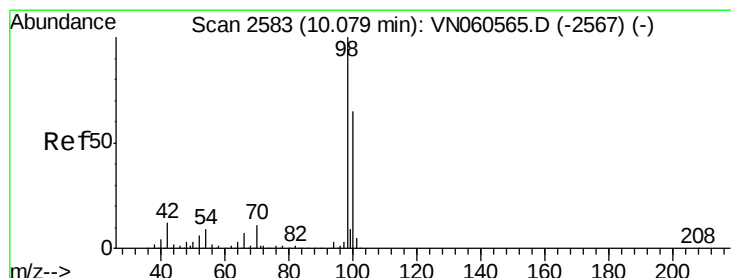
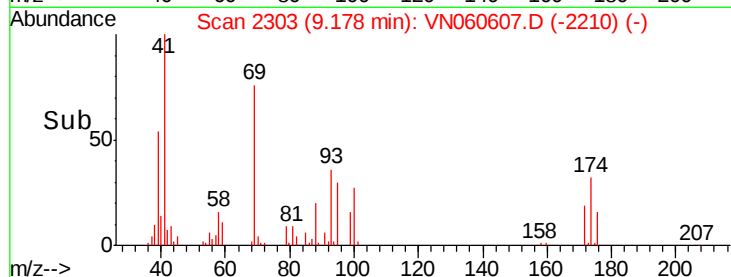
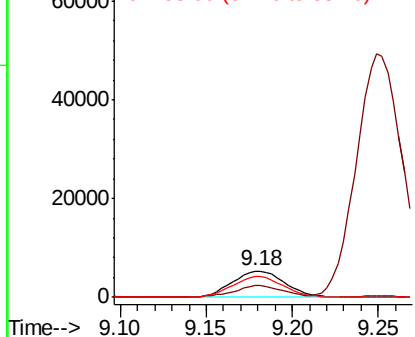
#49
1,4-Dioxane
Concen: 366.445 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS02

Tot Ion: 88 Resp: 11345
Ion Ratio Lower Upper
88 100
43 40.8 30.8 46.2
58 75.9 59.8 89.8

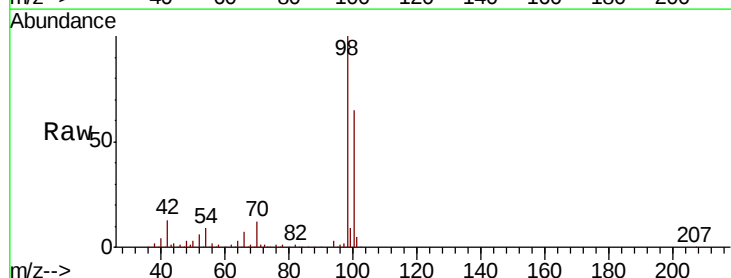


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

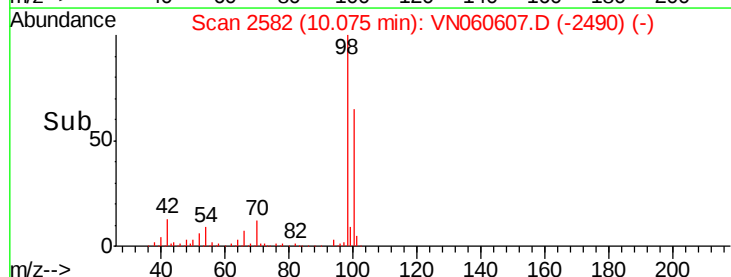
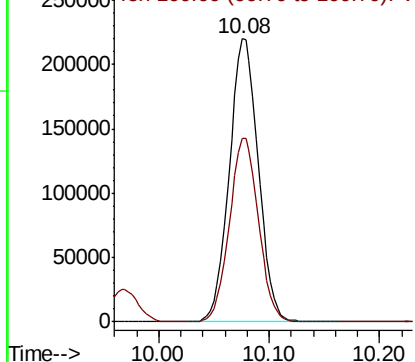


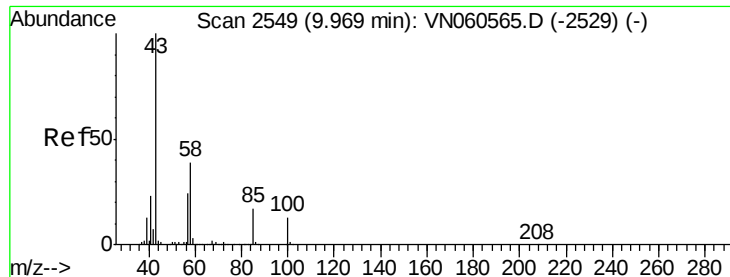
#50
Toluene-d8
Concen: 47.838 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

Tgt Ion: 98 Resp: 400583
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

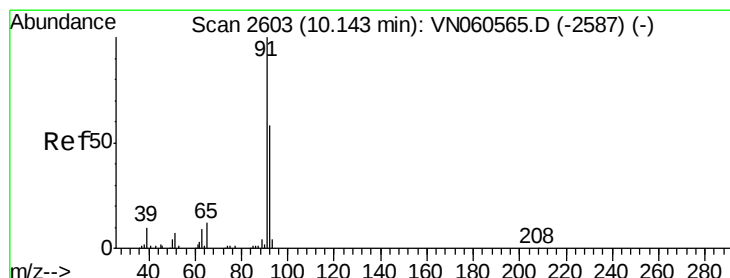
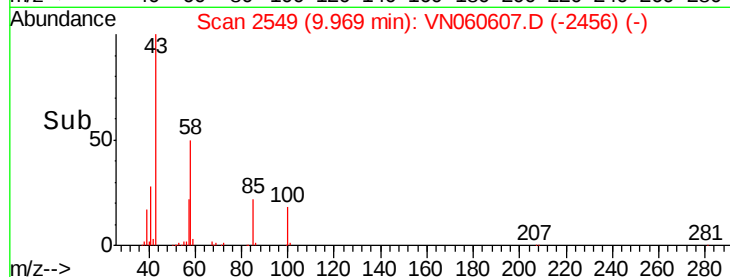
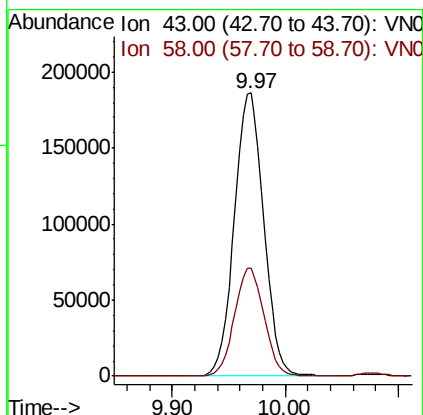
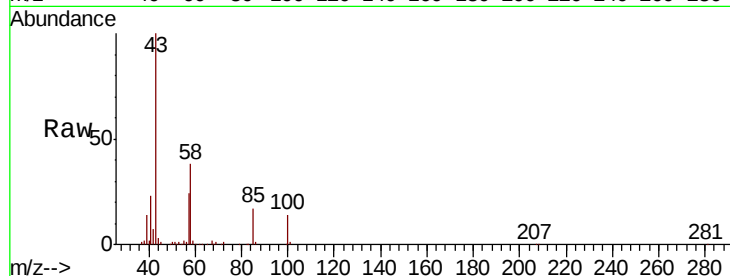




#51
 4-Methyl-2-Pentanone
 Concen: 101.448 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN060607.D
 Acq: 18 Mar 2020 22:05

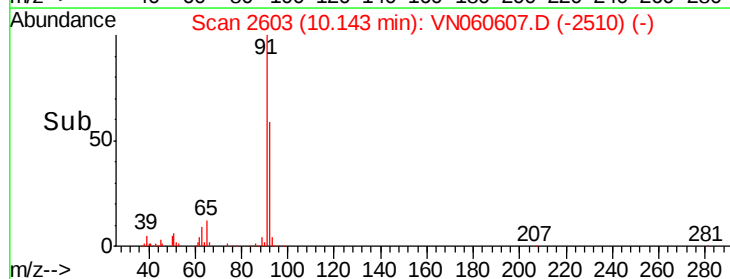
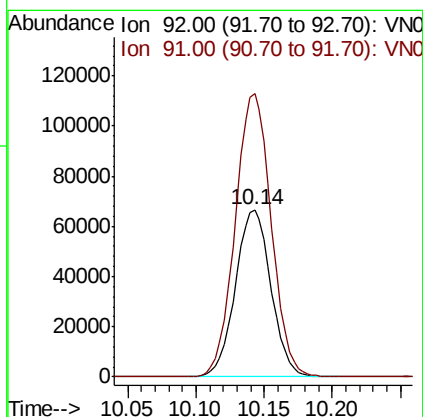
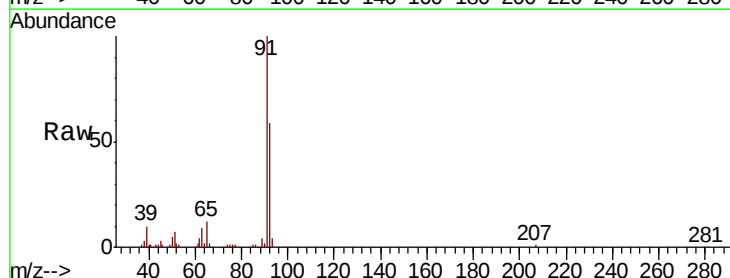
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBS02

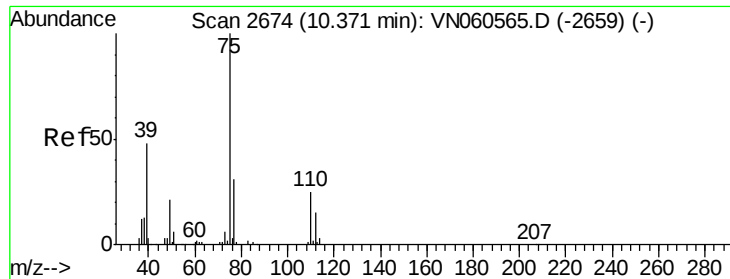
Tot Ion: 43 Resp: 337721
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.8 46.2



#52
 Toluene
 Concen: 20.068 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN060607.D
 Acq: 18 Mar 2020 22:05

Tgt Ion: 92 Resp: 120111
 Ion Ratio Lower Upper
 92 100
 91 172.0 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.889 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

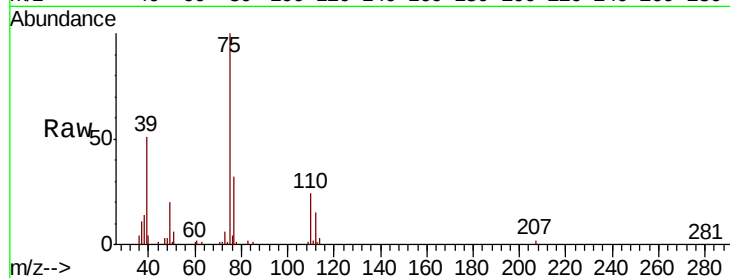
VN0318WBS02

Tot Ion: 75 Resp: 75054

Ion Ratio Lower Upper

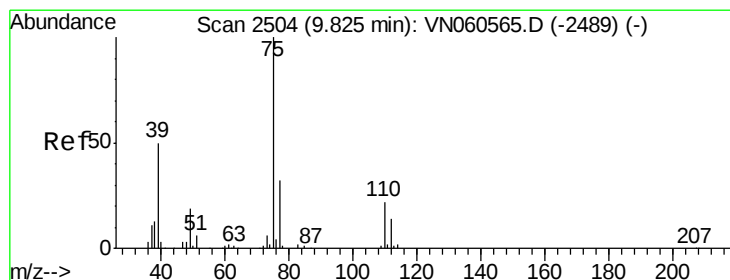
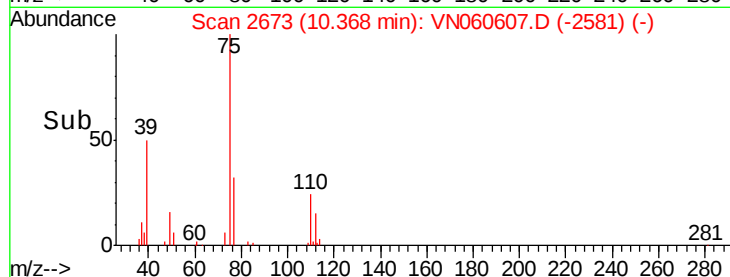
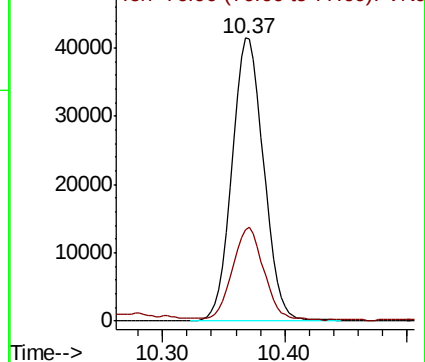
75 100

77 31.7 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.848 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

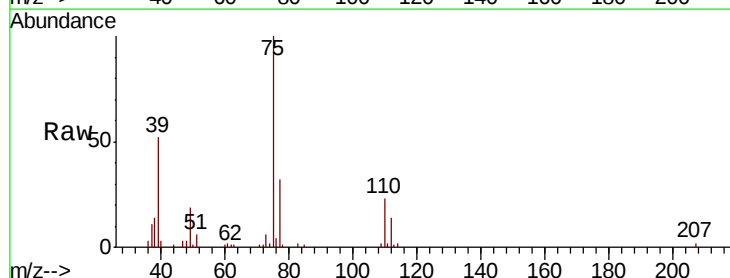
Tgt Ion: 75 Resp: 82170

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

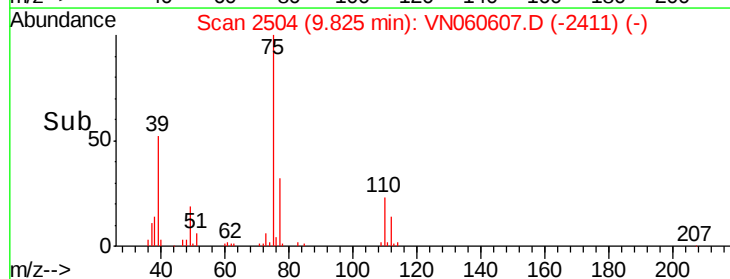
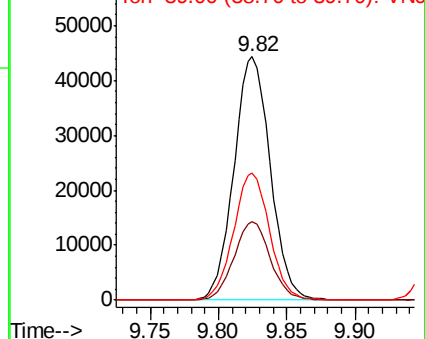
39 52.2 40.2 60.4

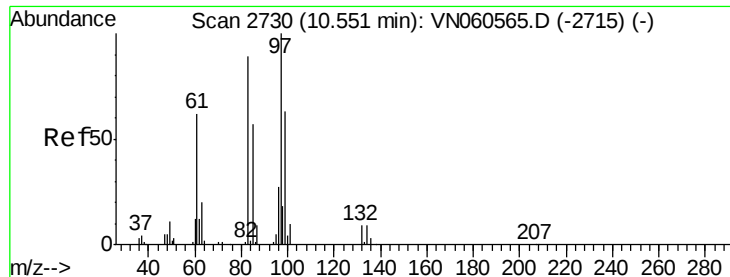


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 20.118 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBS02

Tot Ion: 97 Resp: 46323

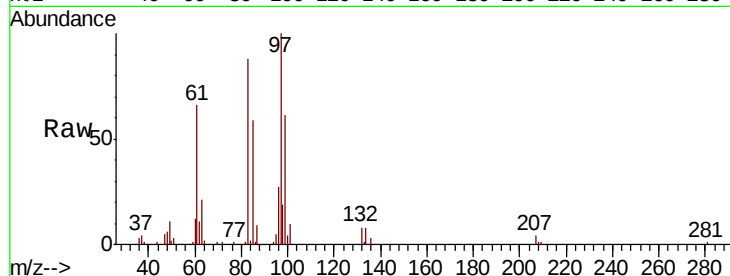
Ion Ratio Lower Upper

97 100

83 87.6 71.3 106.9

85 59.4 45.2 67.8

99 60.8 50.1 75.1



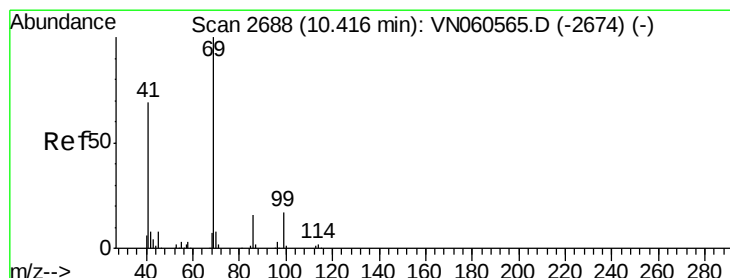
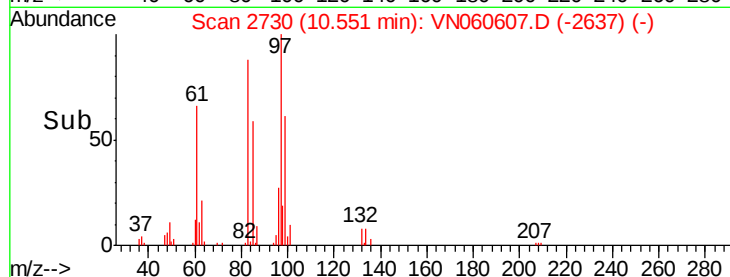
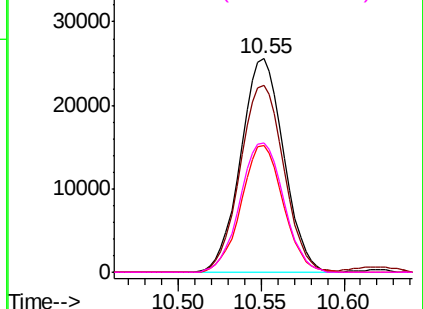
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.797 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

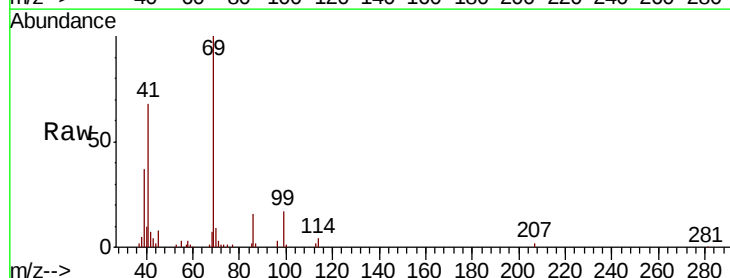
Tgt Ion: 69 Resp: 71077

Ion Ratio Lower Upper

69 100

41 69.2 55.4 83.2

39 38.0 29.4 44.0

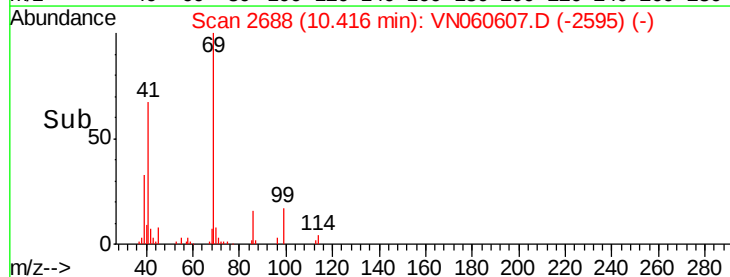
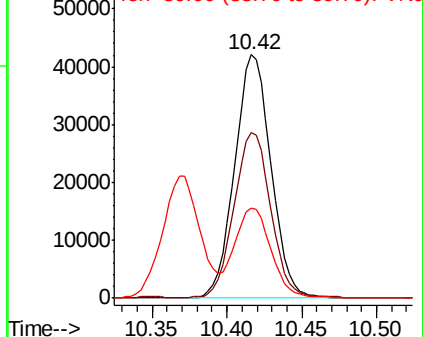


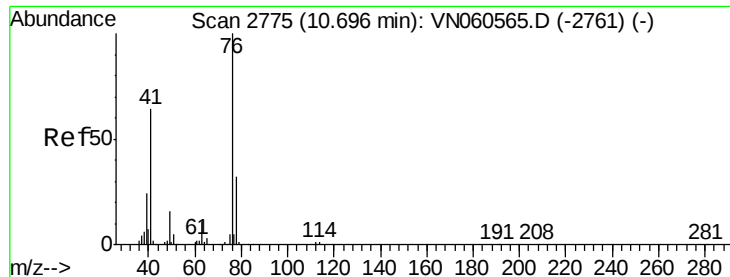
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.330 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

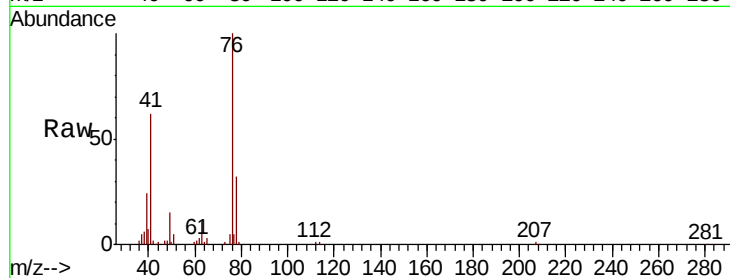
VN0318WBS02

Tot Ion: 76 Resp: 81234

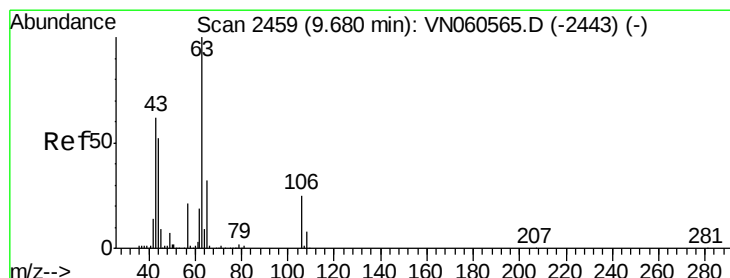
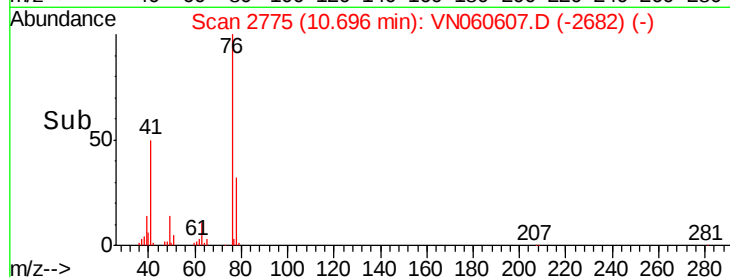
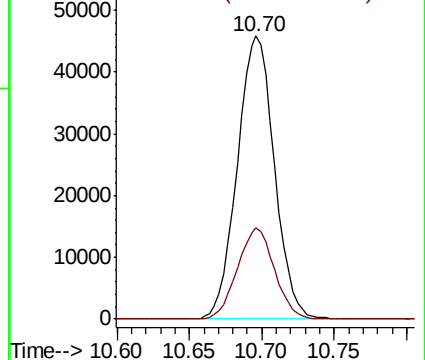
Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN060607.D (-2682) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 92.064 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060607.D

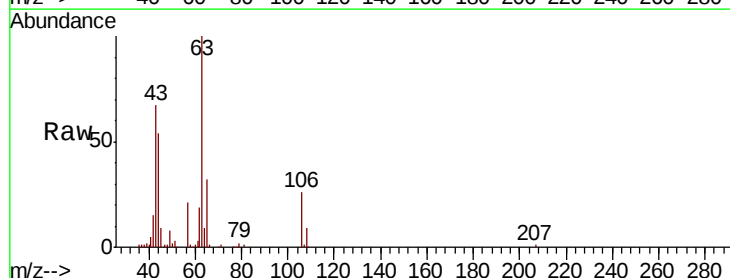
Acq: 18 Mar 2020 22:05

Tgt Ion: 63 Resp: 164281

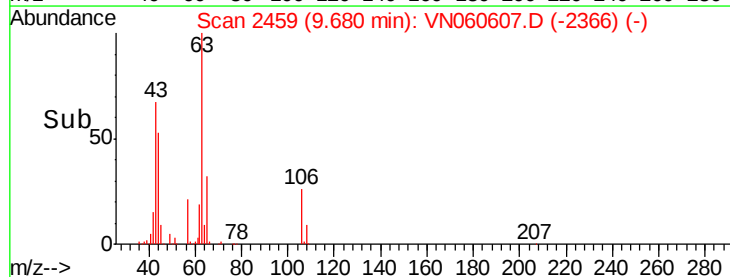
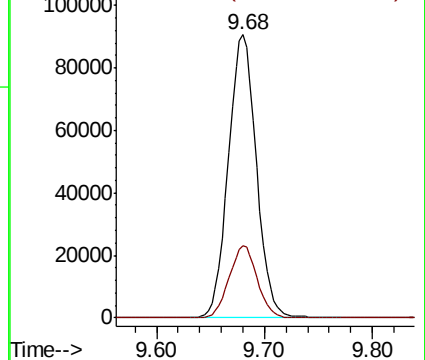
Ion Ratio Lower Upper

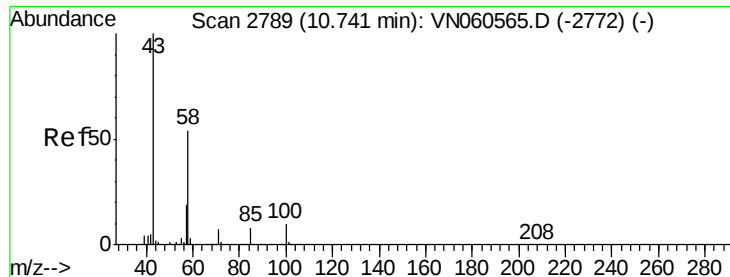
63 100

106 25.5 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN060607.D (-2366) (-)

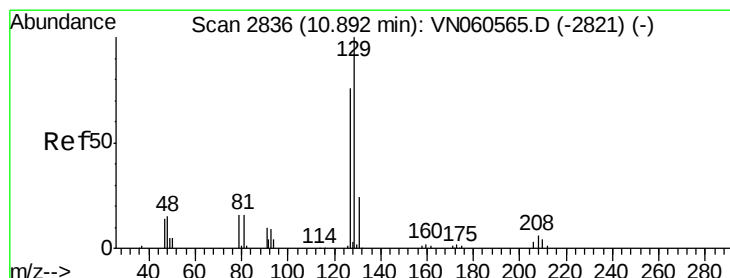
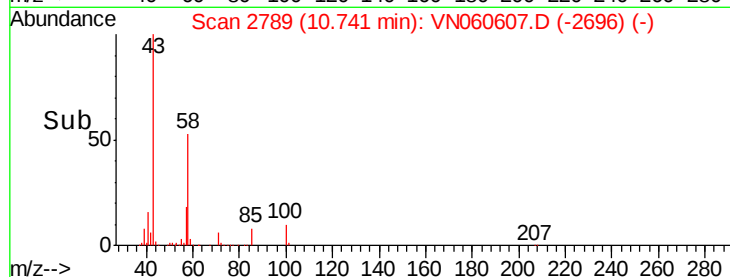
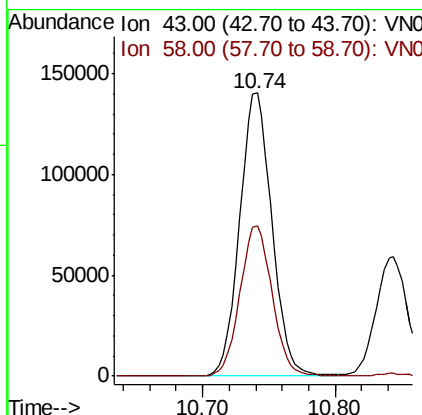
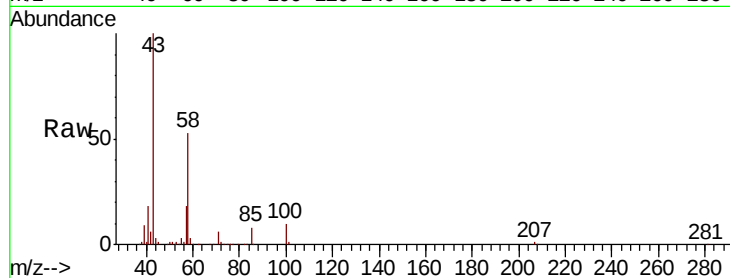




#59
2-Hexanone
Concen: 98.873 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

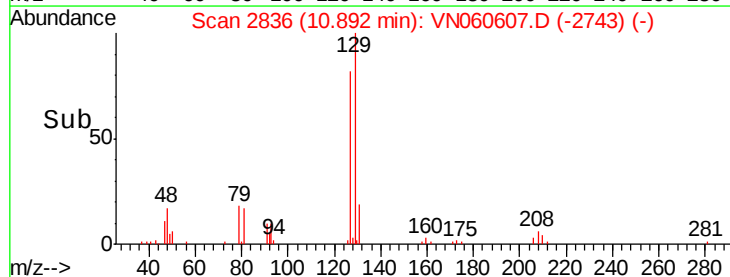
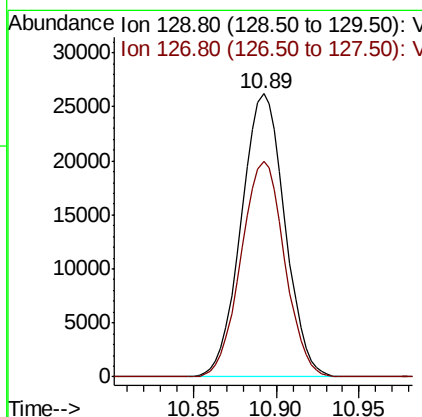
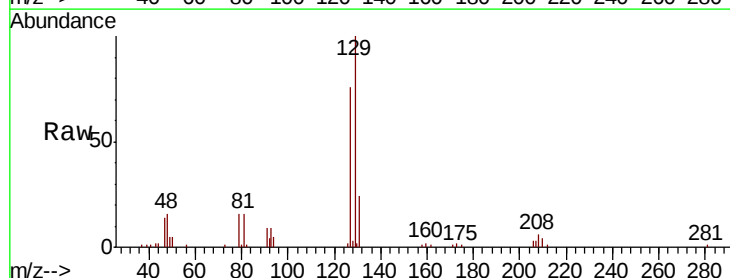
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS02

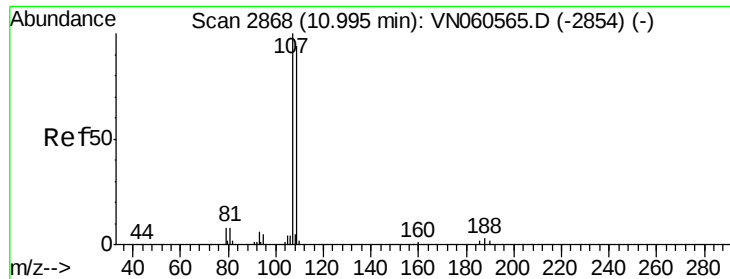
Tot Ion: 43 Resp: 237103
Ion Ratio Lower Upper
43 100
58 53.1 26.7 80.1



#60
Dibromochloromethane
Concen: 20.107 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

Tgt Ion: 129 Resp: 47823
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5

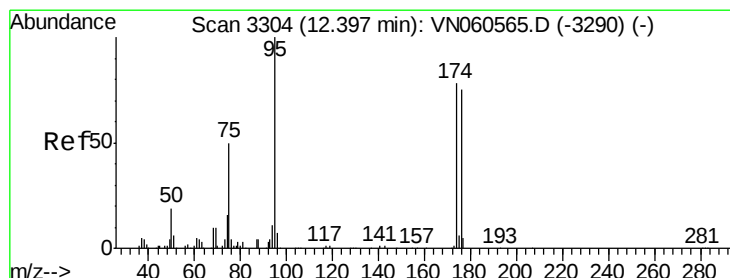
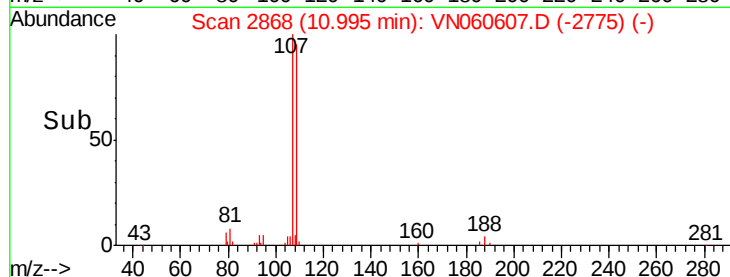
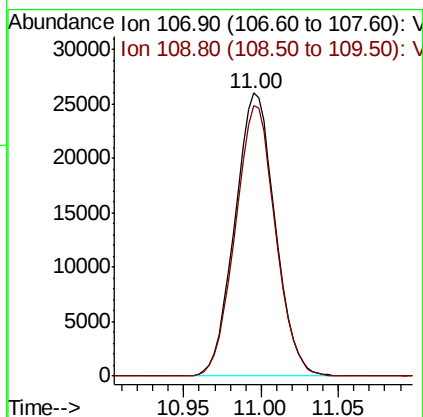
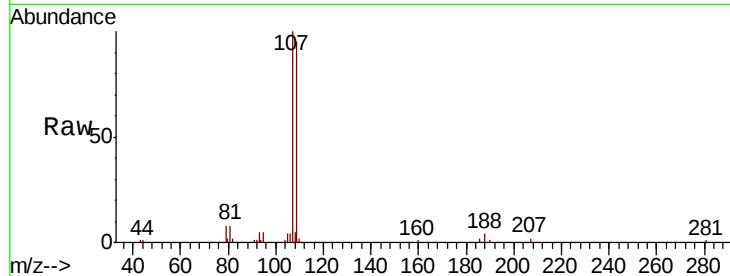




#61
 1,2-Dibromoethane
 Concen: 20.318 ug/l
 RT: 11.00 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN060607.D
 Acq: 18 Mar 2020 22:05

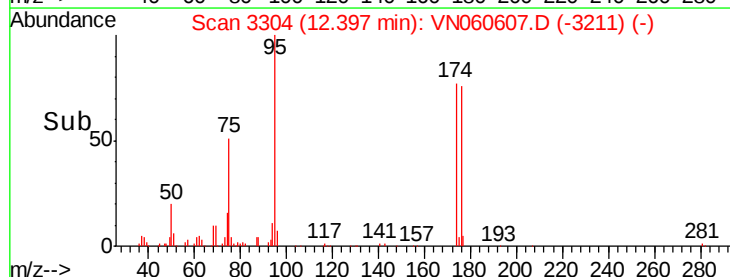
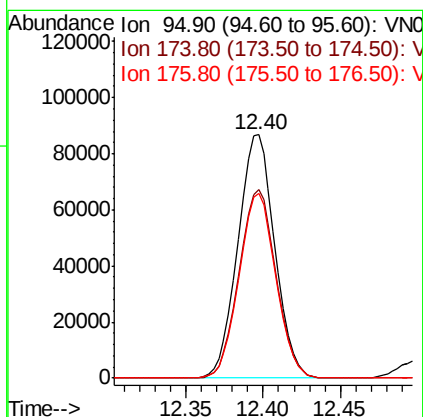
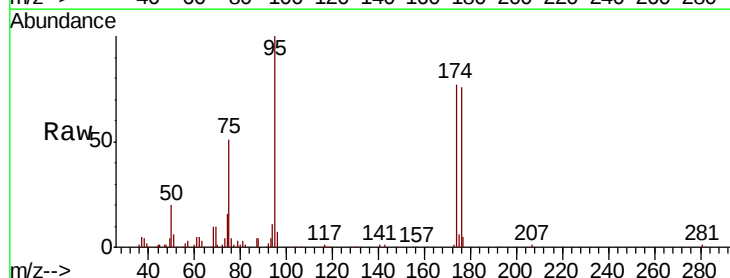
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBS02

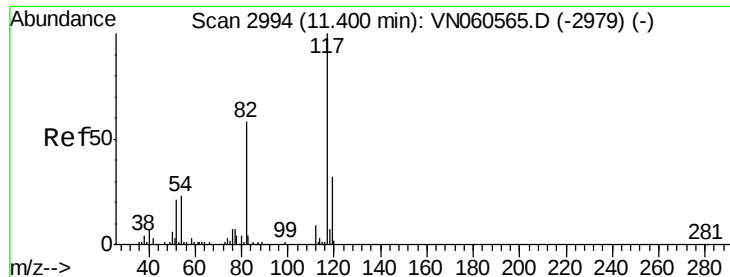
Tot Ion:107 Resp: 47044
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 46.774 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060607.D
 Acq: 18 Mar 2020 22:05

Tgt Ion: 95 Resp: 143542
 Ion Ratio Lower Upper
 95 100
 174 77.8 0.0 157.6
 176 75.9 0.0 150.6

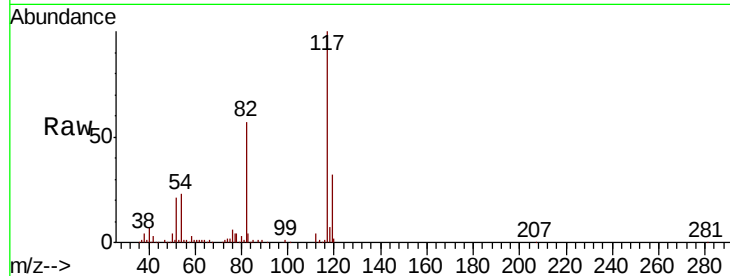




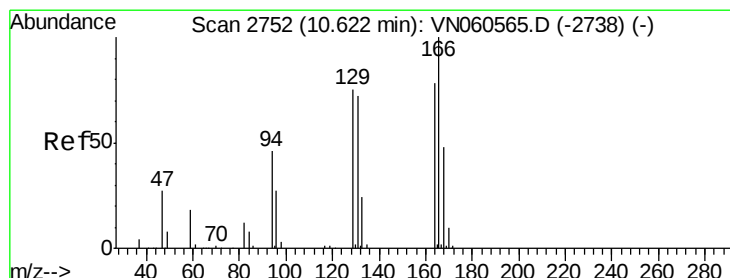
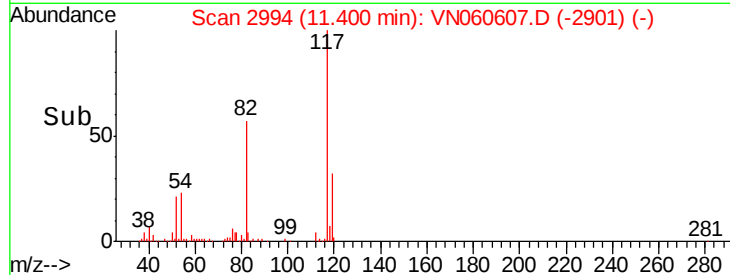
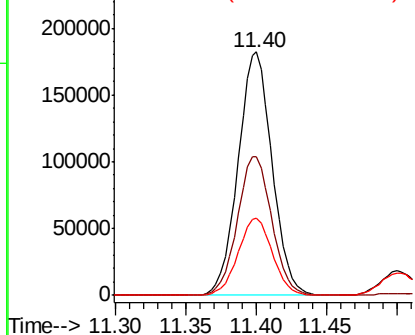
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS02

Tot Ion:117 Resp: 307774
Ion Ratio Lower Upper
117 100
82 56.8 46.7 70.1
119 31.8 25.5 38.3

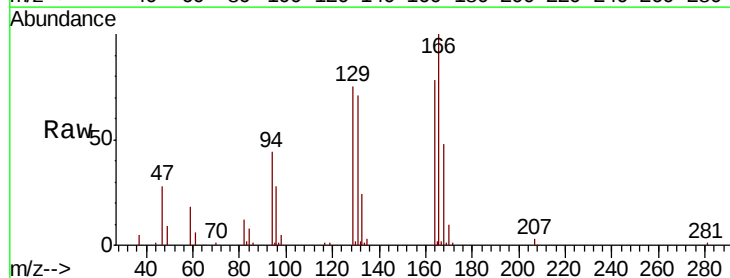


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

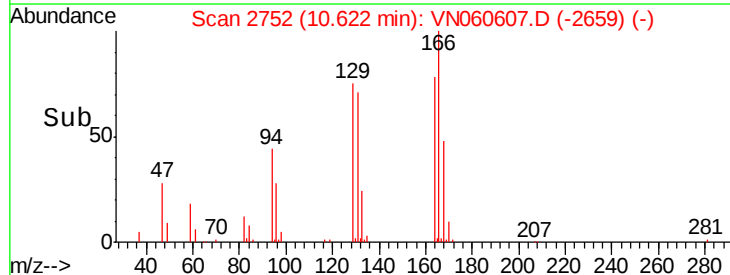
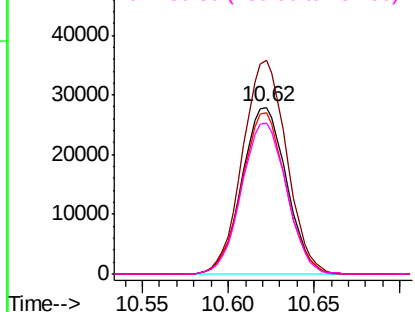


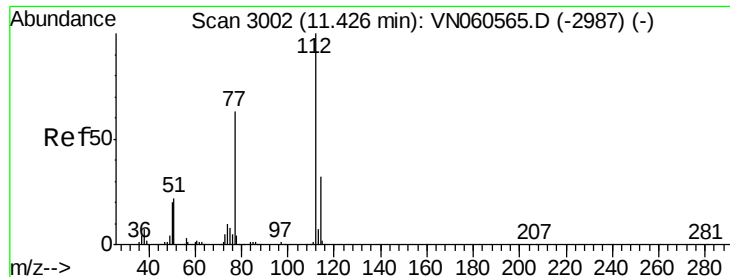
#64
Tetrachloroethene
Concen: 20.815 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

Tgt Ion:164 Resp: 50412
Ion Ratio Lower Upper
164 100
166 128.3 102.7 154.1
129 96.8 77.2 115.8
131 90.5 73.8 110.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

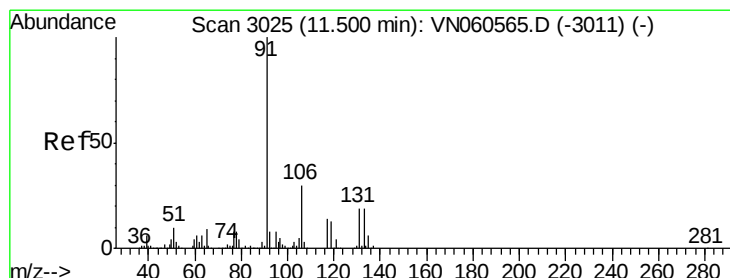
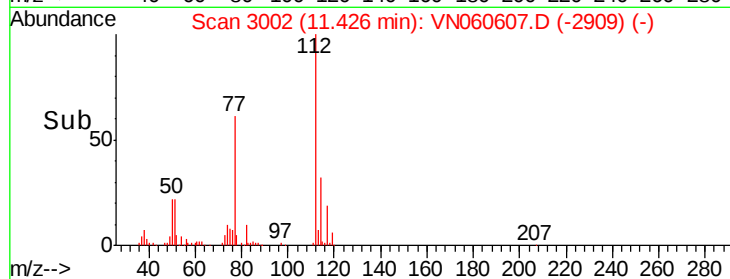
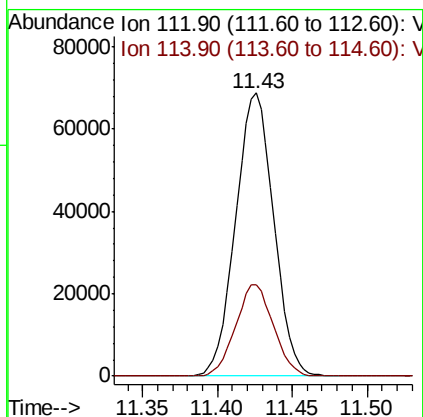
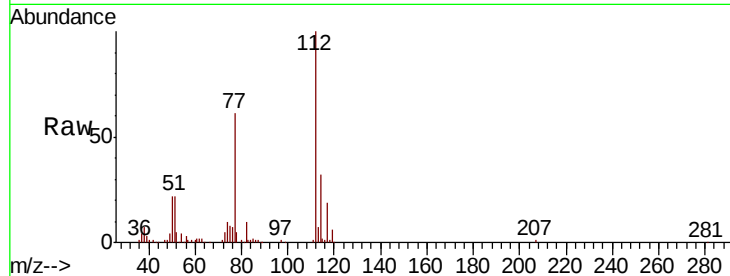




#65
Chlorobenzene
Concen: 19.987 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

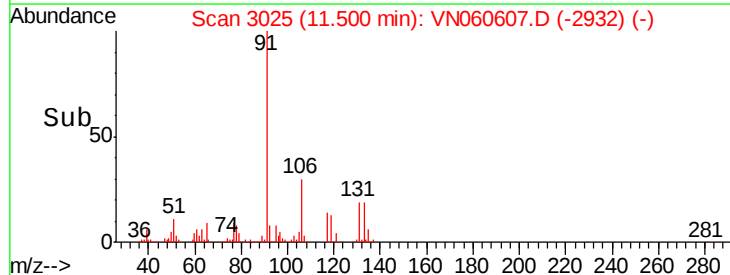
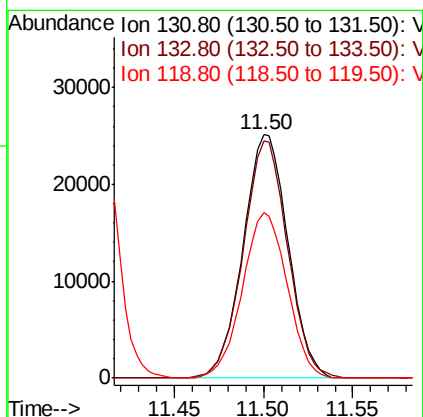
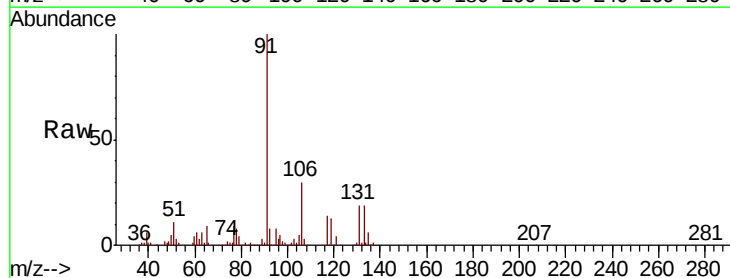
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS02

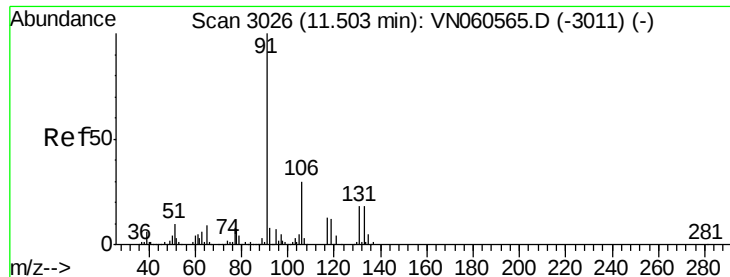
Tot Ion:112 Resp: 121946
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.017 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

Tgt Ion:131 Resp: 44220
Ion Ratio Lower Upper
131 100
133 96.6 48.9 146.8
119 67.6 33.9 101.7





#67

Ethyl Benzene

Concen: 20.039 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

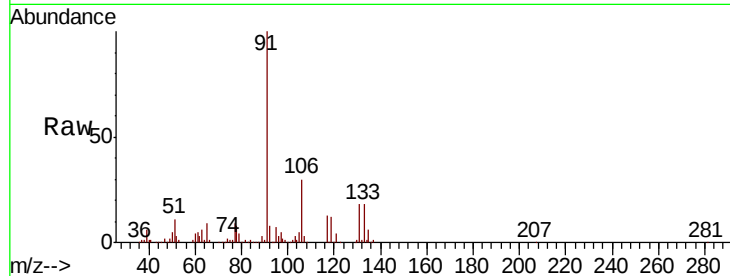
VN0318WBS02

Tot Ion: 91 Resp: 227364

Ion Ratio Lower Upper

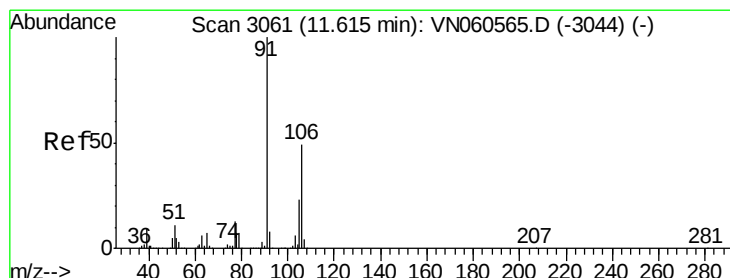
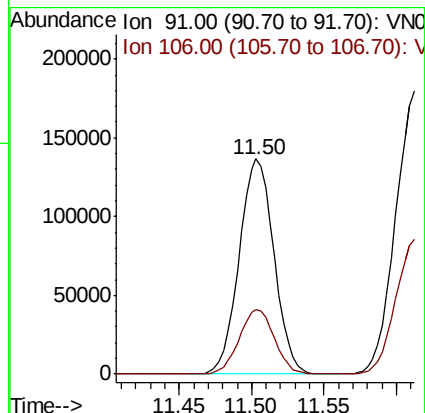
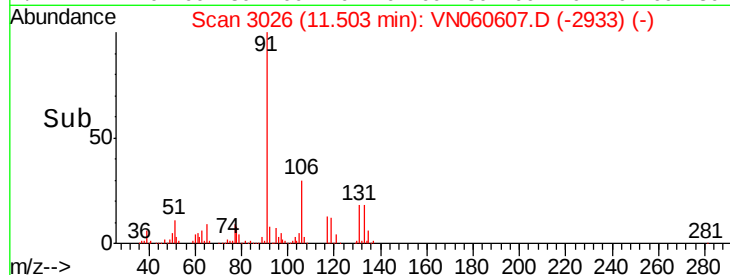
91 100

106 30.2 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN060607.D (-2933) (-)

Ion 106.00 (105.70 to 106.70): VN060607.D (-2933) (-)



#68

m/p-Xylenes

Concen: 39.532 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060607.D

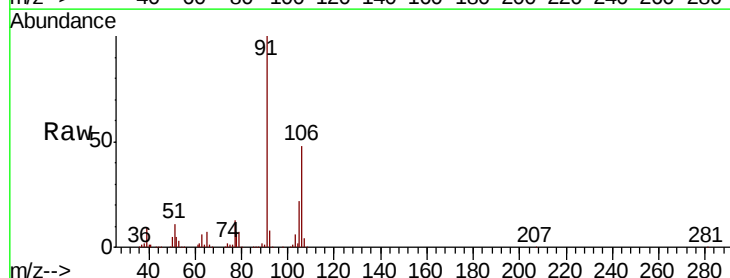
Acq: 18 Mar 2020 22:05

Tgt Ion: 106 Resp: 166680

Ion Ratio Lower Upper

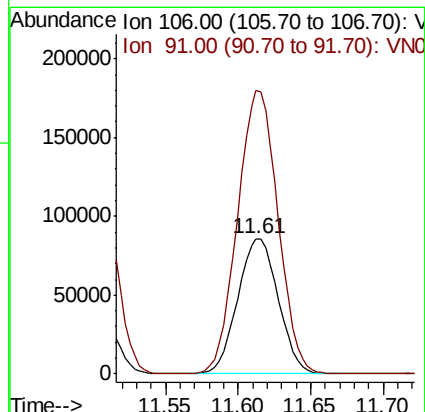
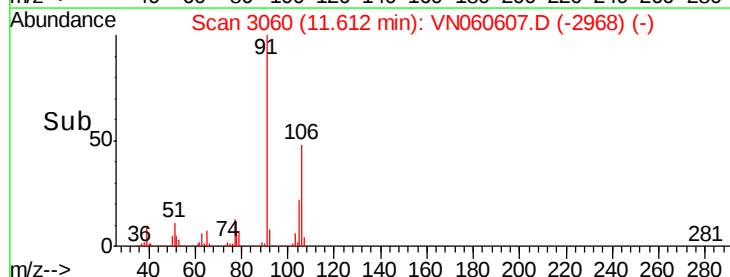
106 100

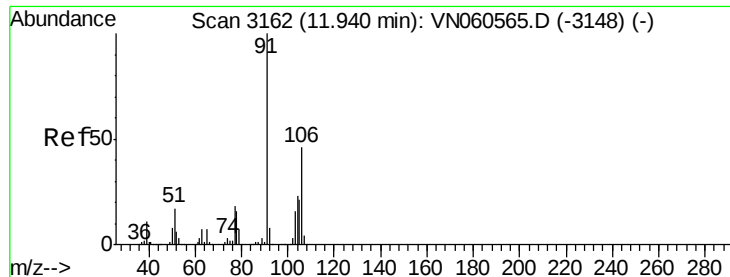
91 209.2 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): VN060607.D (-2968) (-)

Ion 91.00 (90.70 to 91.70): VN060607.D (-2968) (-)

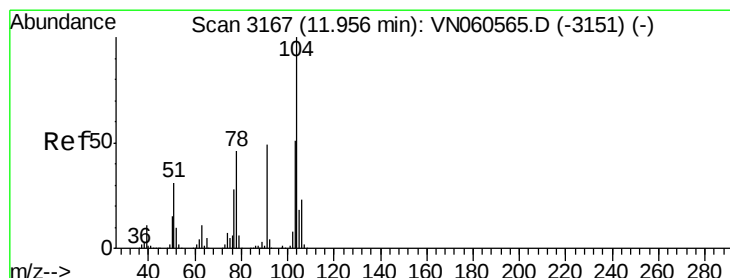
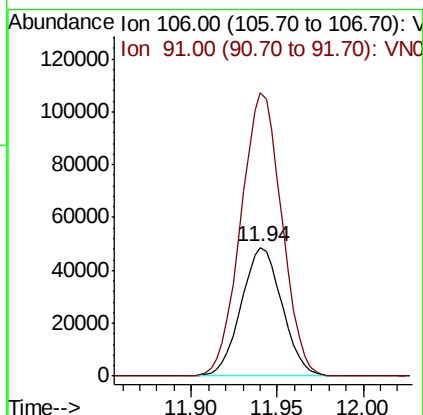
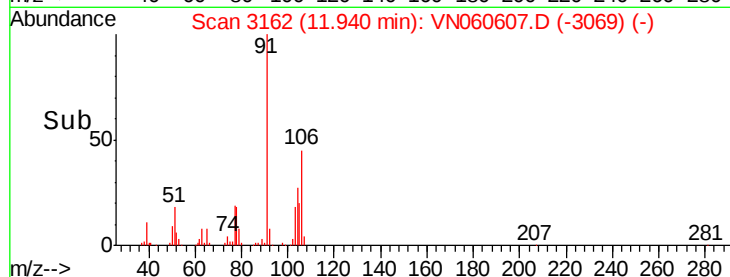
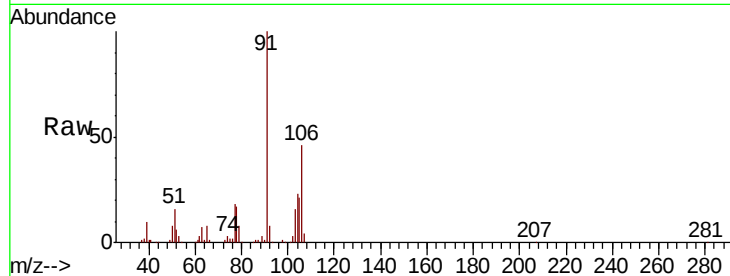




#69
o-Xylene
Concen: 19.928 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

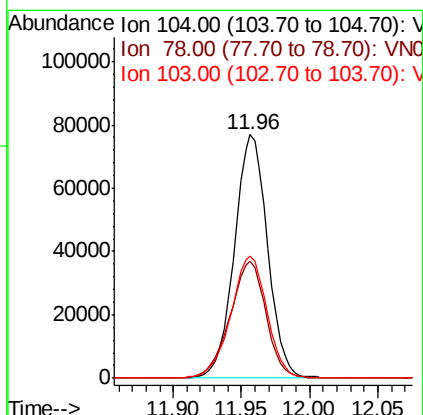
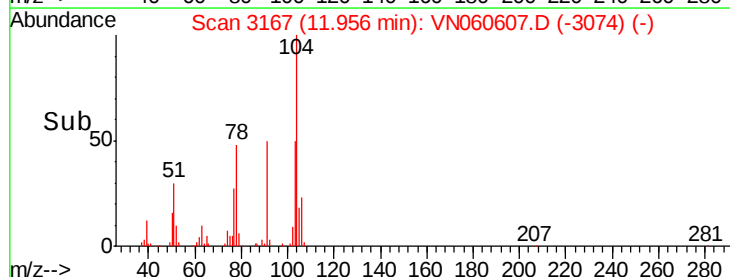
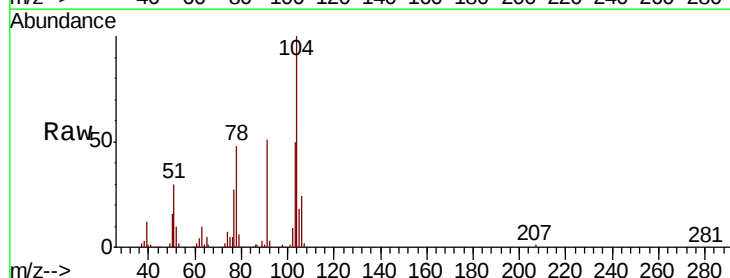
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS02

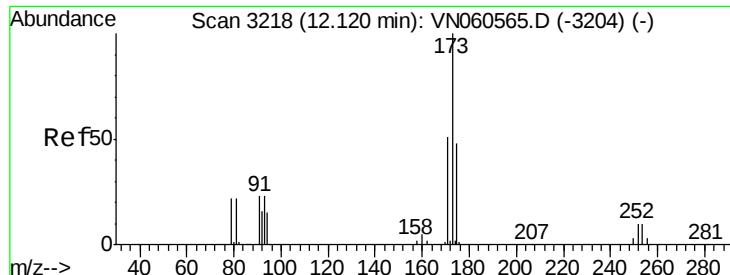
Tot Ion:106 Resp: 80212
Ion Ratio Lower Upper
106 100
91 221.0 109.5 328.4



#70
Styrene
Concen: 19.693 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

Tgt Ion:104 Resp: 129636
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 54.4 44.0 66.0

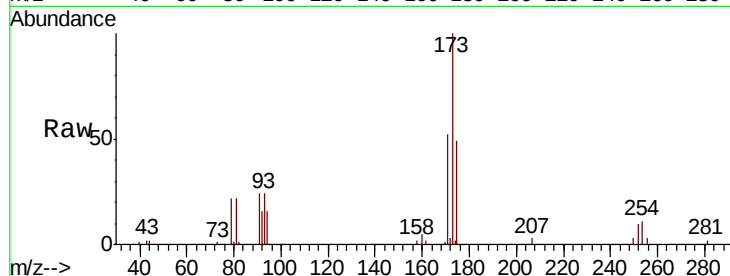




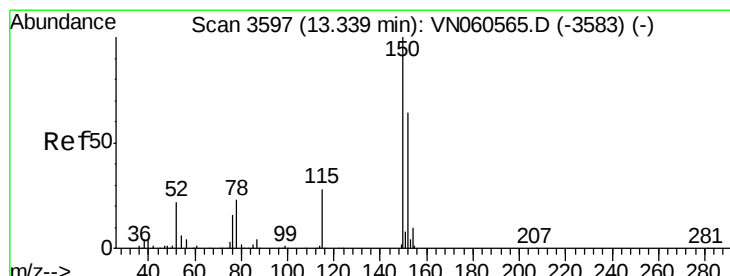
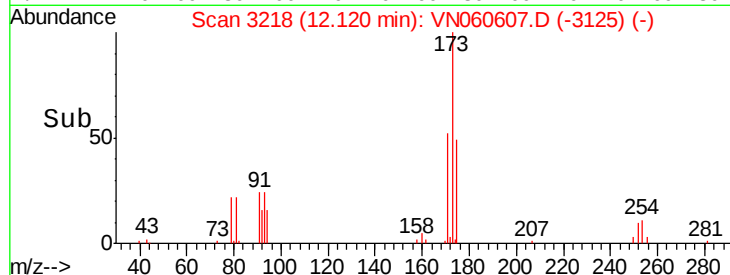
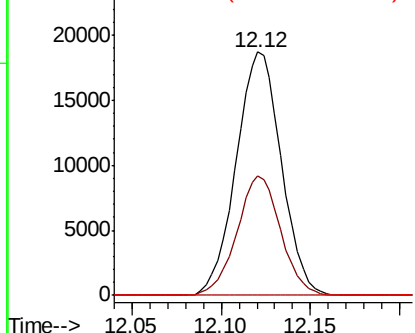
#71
Bromoform
Concen: 19.048 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS02

Tot Ion:173 Resp: 32997
Ion Ratio Lower Upper
173 100
175 47.4 24.1 72.4
254 0.0 0.0 0.0

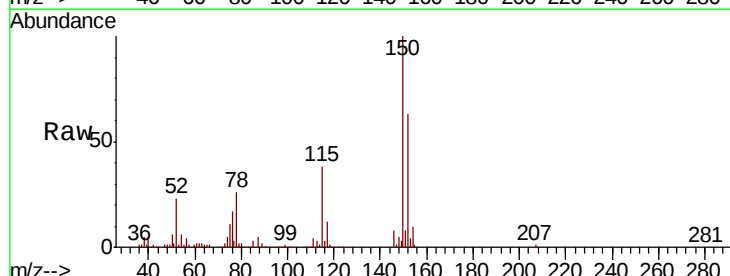


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

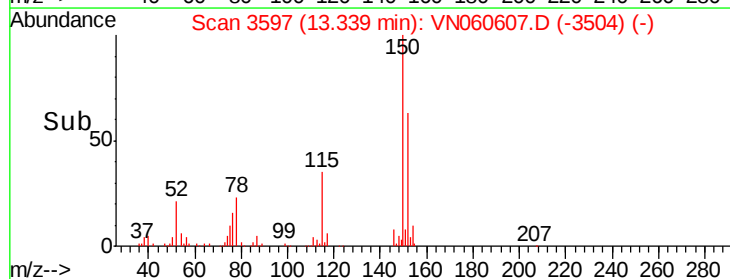
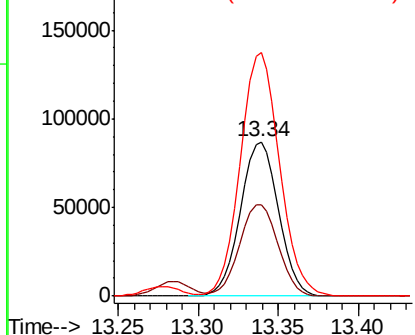


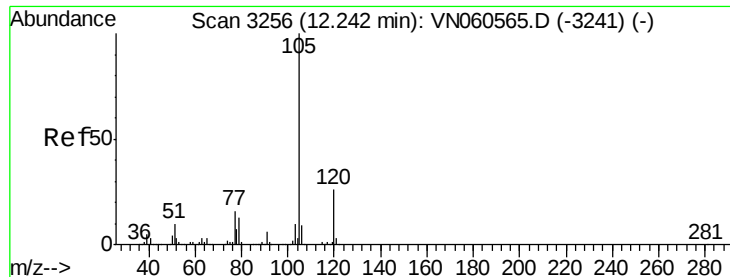
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

Tgt Ion:152 Resp: 140972
Ion Ratio Lower Upper
152 100
115 60.1 30.2 90.6
150 163.0 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.215 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

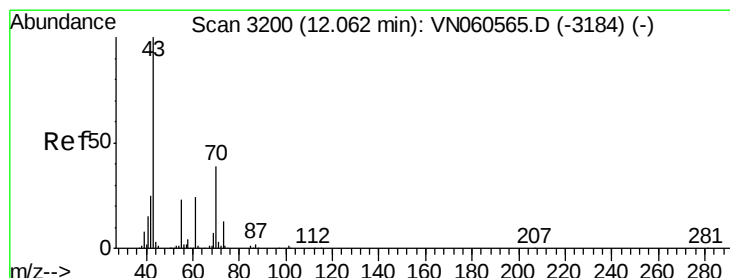
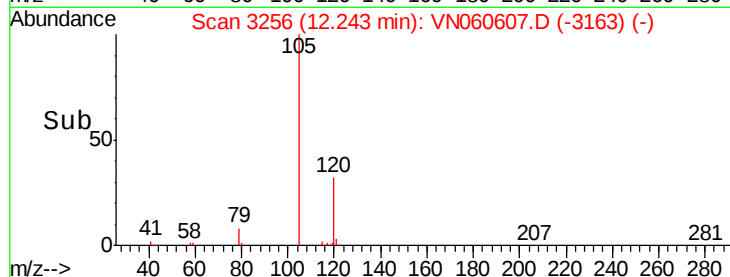
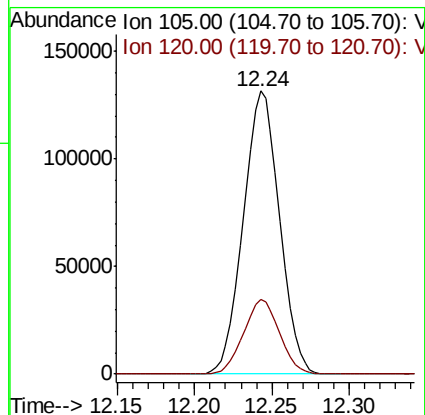
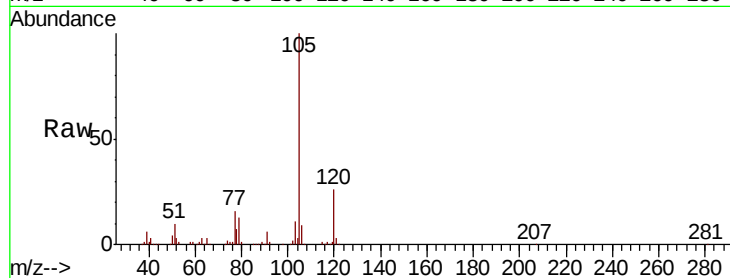
VN0318WBS02

Tot Ion:105 Resp: 213859

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 19.649 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Tgt Ion: 43 Resp: 96057

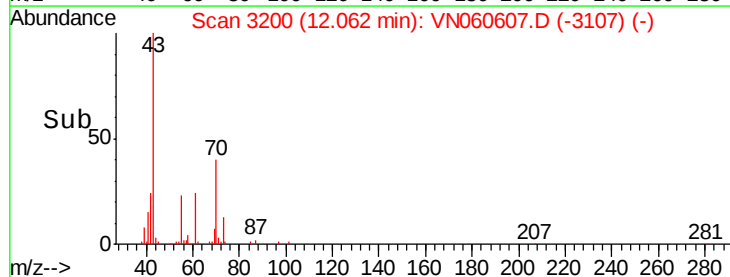
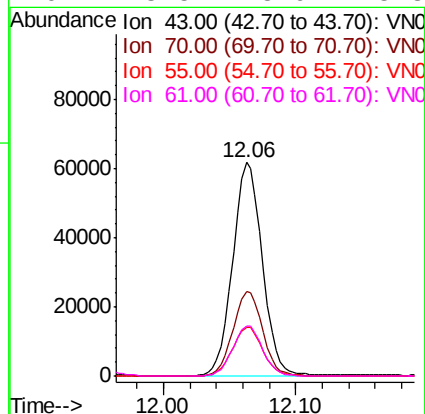
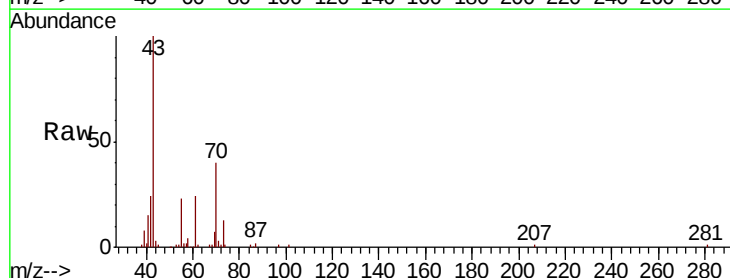
Ion Ratio Lower Upper

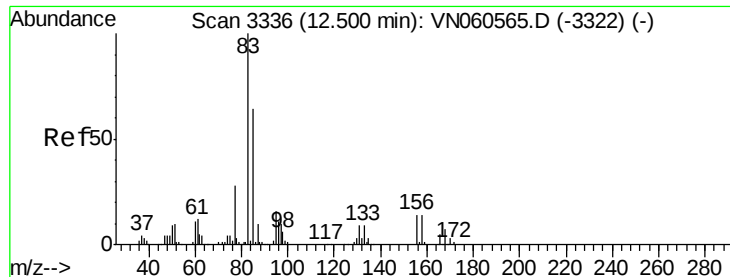
43 100

70 39.5 31.1 46.7

55 23.3 18.6 27.8

61 23.5 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.889 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBS02

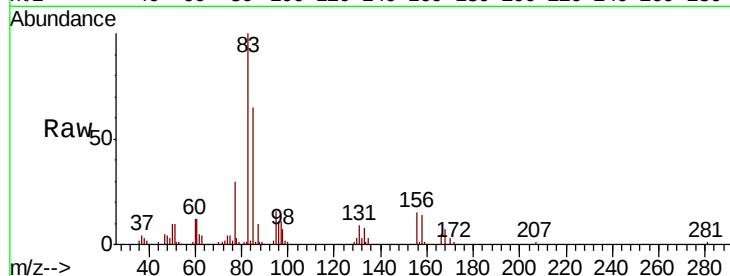
Tot Ion: 83 Resp: 63631

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.7

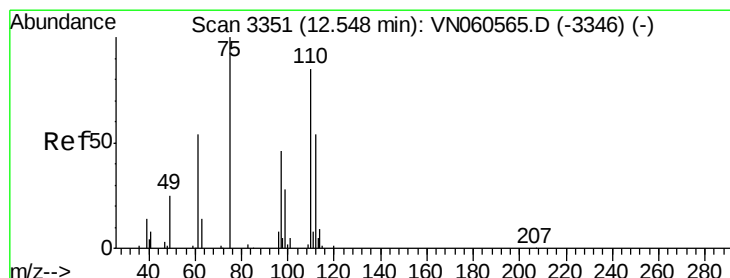
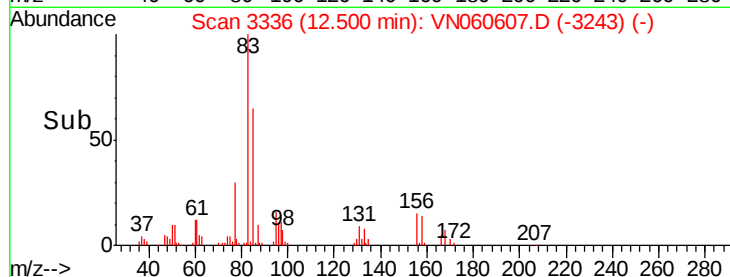
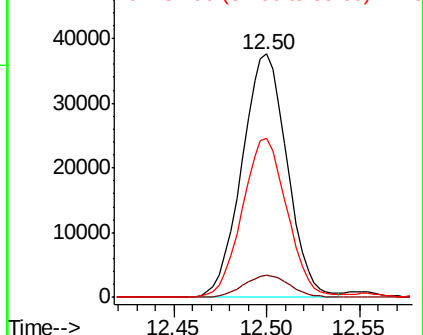
85 64.5 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060607.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060607.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060607.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 28.580 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060607.D

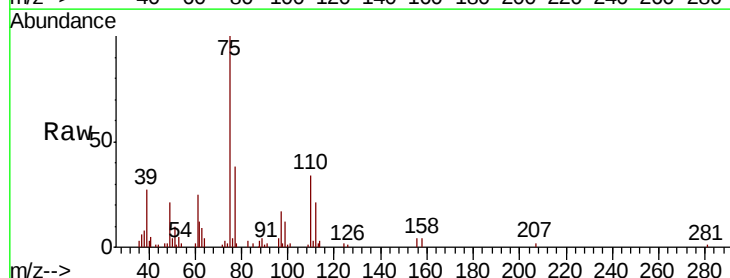
Acq: 18 Mar 2020 22:05

Tgt Ion: 75 Resp: 86937

Ion Ratio Lower Upper

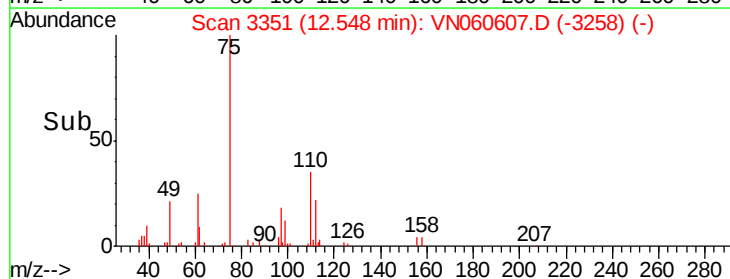
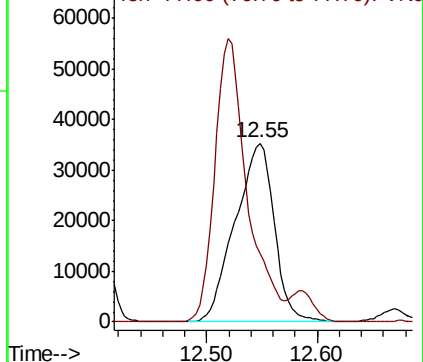
75 100

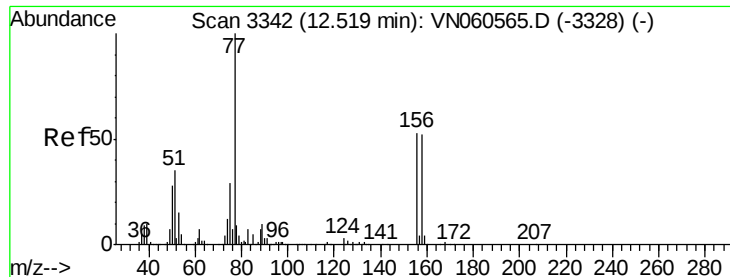
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060607.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060607.D (-3258) (-)





#77

Bromobenzene

Concen: 19.945 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBS02

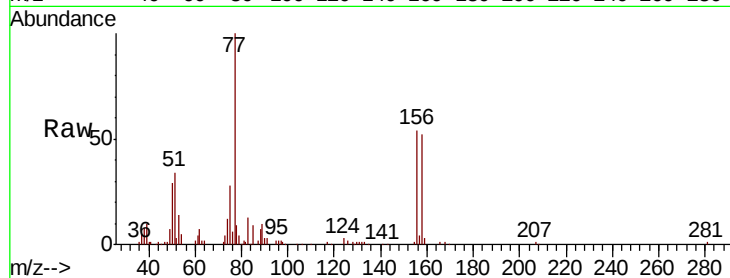
Tot Ion:156 Resp: 50845

Ion Ratio Lower Upper

156 100

77 224.1 112.3 337.0

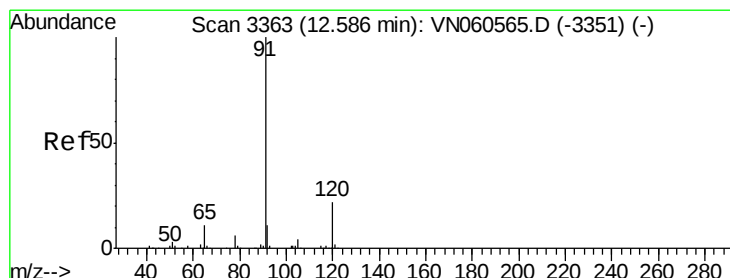
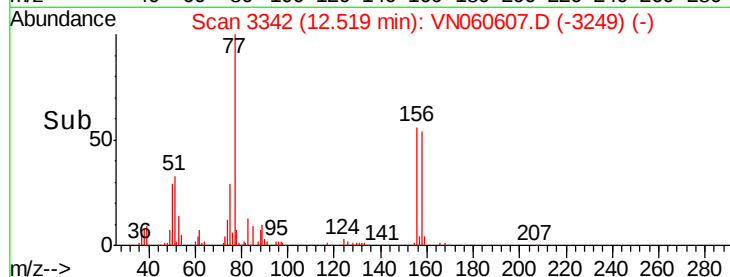
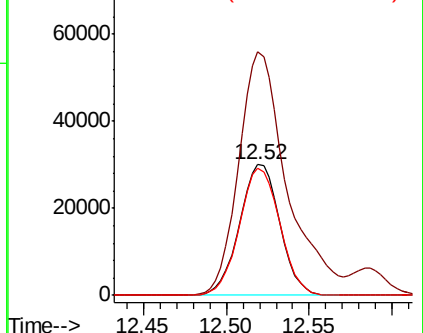
158 97.8 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.907 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060607.D

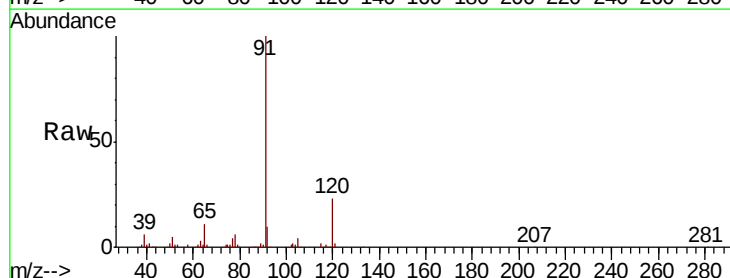
Acq: 18 Mar 2020 22:05

Tgt Ion: 91 Resp: 248820

Ion Ratio Lower Upper

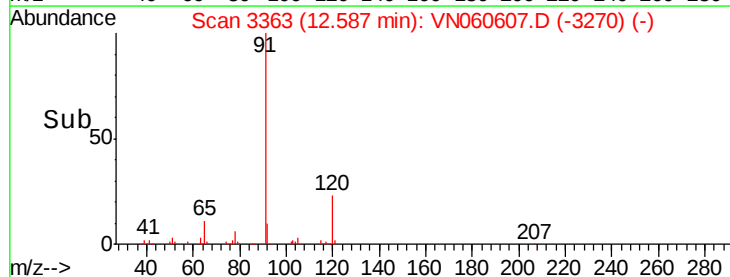
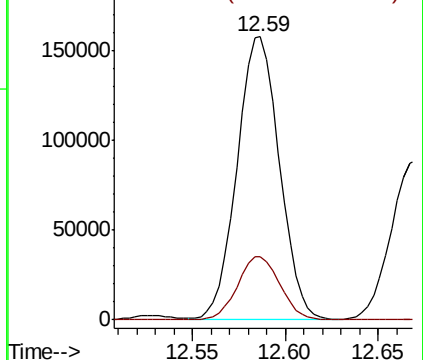
91 100

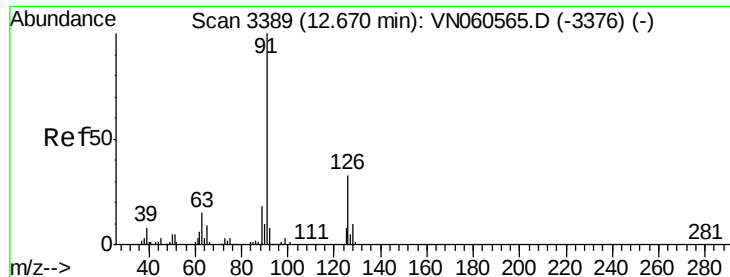
120 22.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.448 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

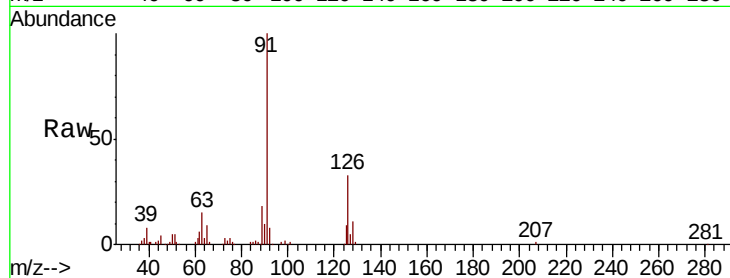
VN0318WBS02

Tot Ion: 91 Resp: 145241

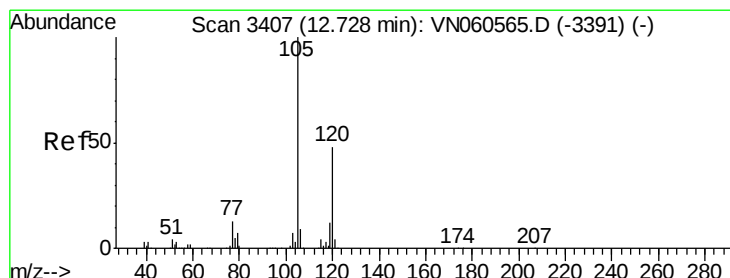
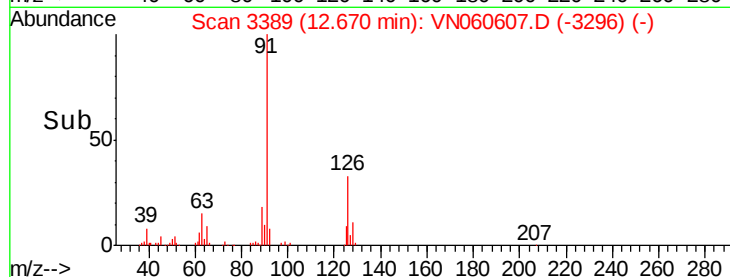
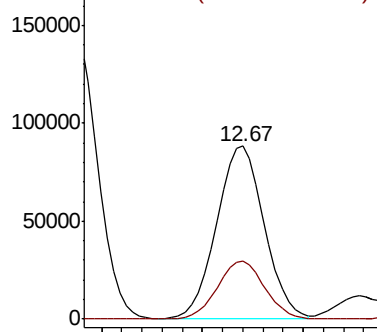
Ion Ratio Lower Upper

91 100

126 33.3 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060607.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.739 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060607.D

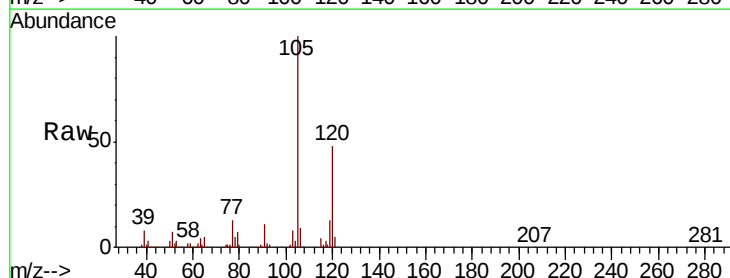
Acq: 18 Mar 2020 22:05

Tgt Ion: 105 Resp: 177218

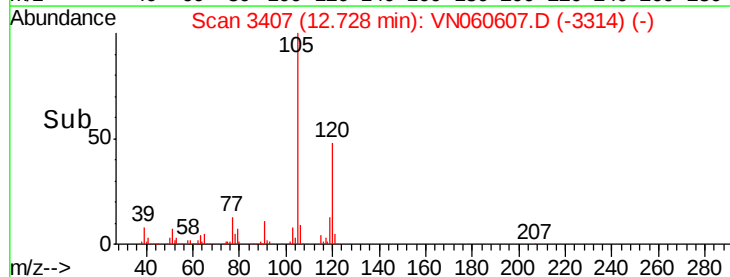
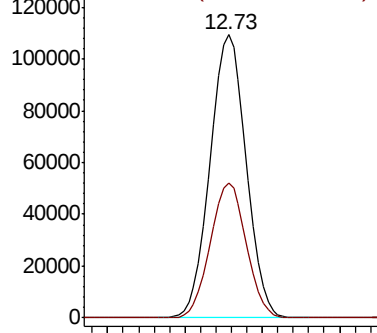
Ion Ratio Lower Upper

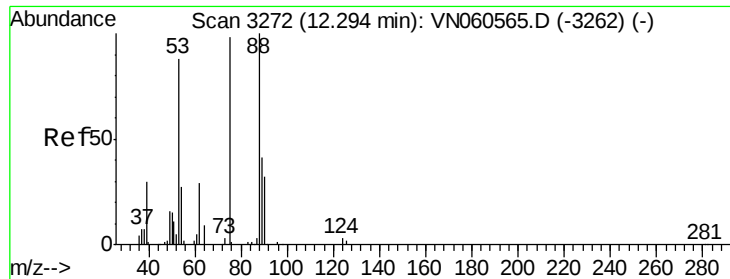
105 100

120 47.4 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060607.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.092 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBS02

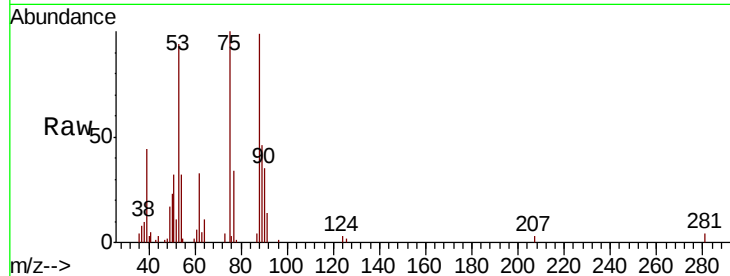
Tot Ion: 75 Resp: 22613

Ion Ratio Lower Upper

75 100

53 89.8 73.0 109.4

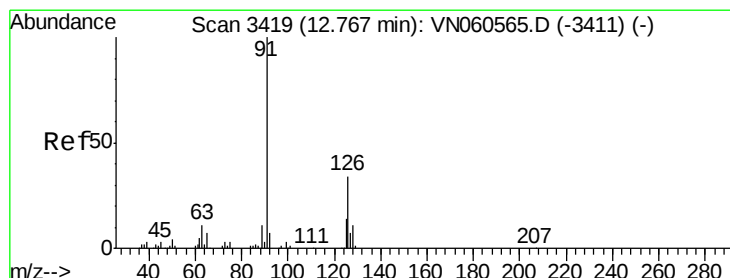
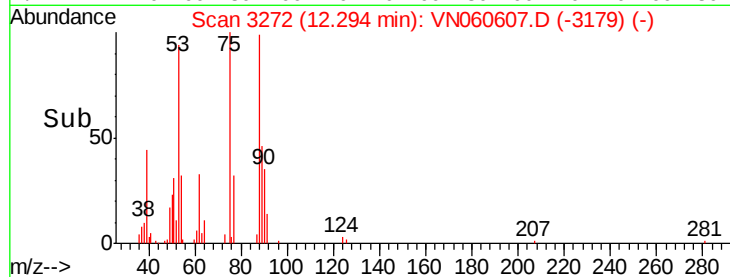
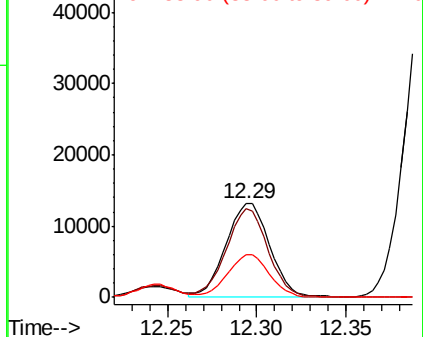
89 43.3 34.8 52.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.219 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN060607.D

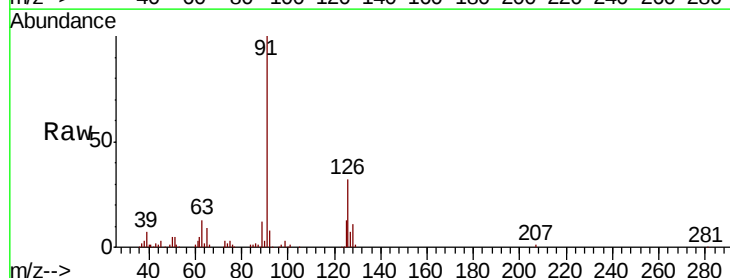
Acq: 18 Mar 2020 22:05

Tgt Ion: 91 Resp: 153791

Ion Ratio Lower Upper

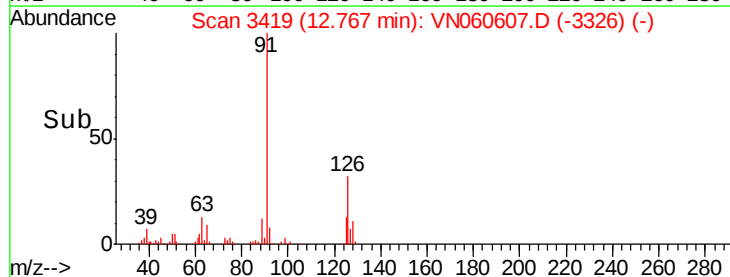
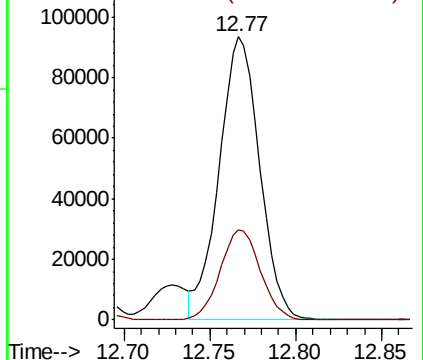
91 100

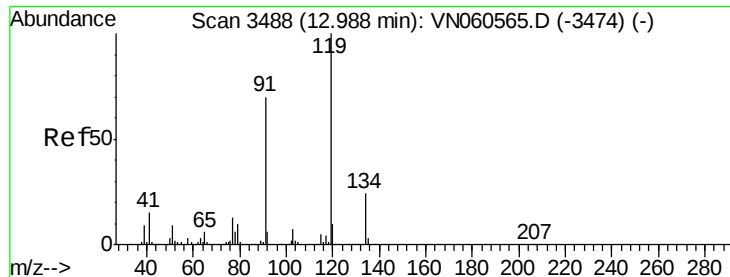
126 31.6 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

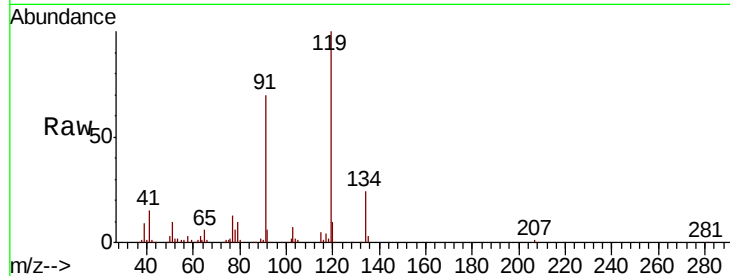




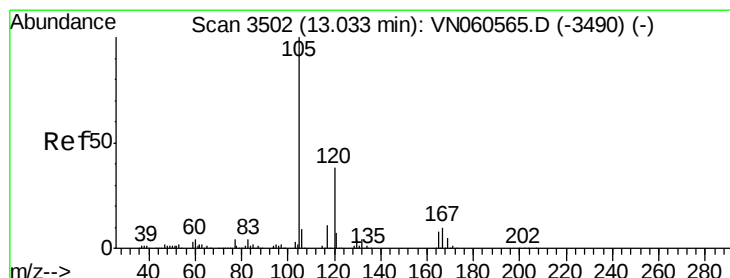
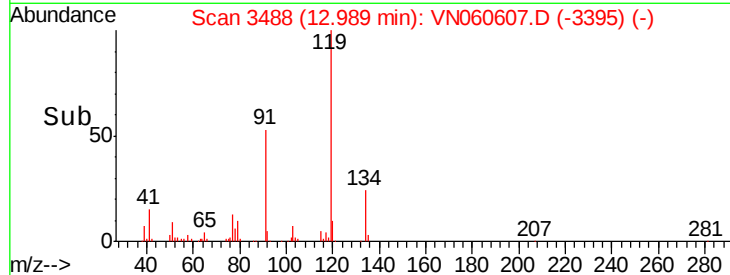
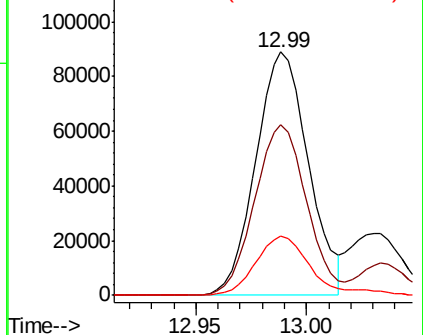
#83
tert-Butylbenzene
Concen: 19.789 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBS02

Tot Ion:119 Resp: 147277
Ion Ratio Lower Upper
119 100
91 69.2 34.0 101.8
134 25.5 12.7 38.0

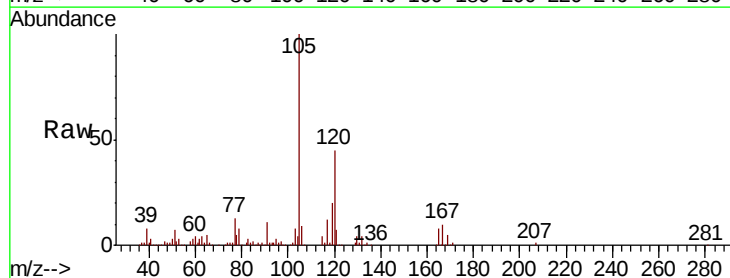


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

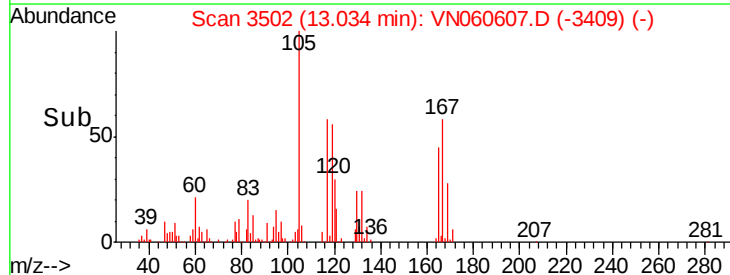
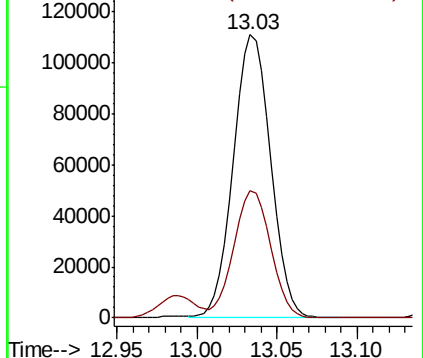


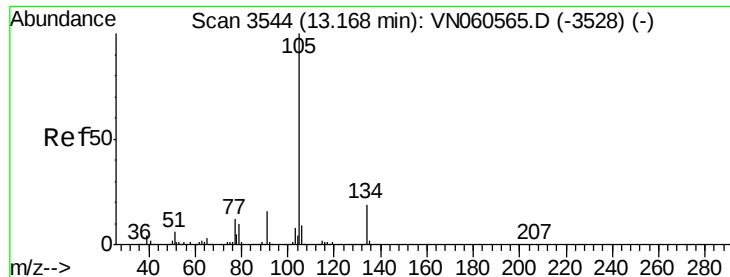
#84
1,2,4-Trimethylbenzene
Concen: 19.854 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. 0.00 min
Lab File: VN060607.D
Acq: 18 Mar 2020 22:05

Tgt Ion:105 Resp: 176338
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

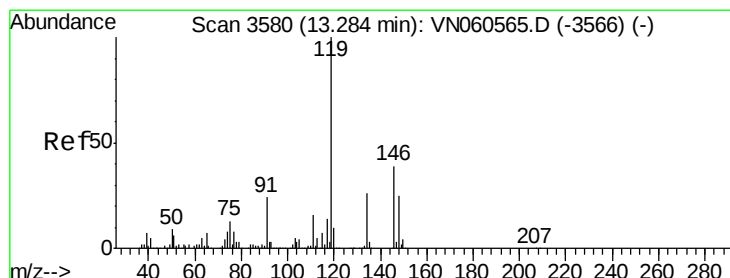
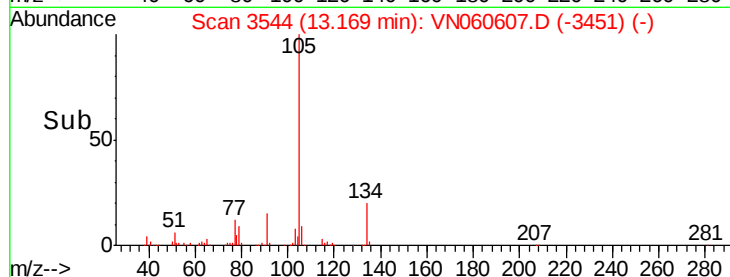
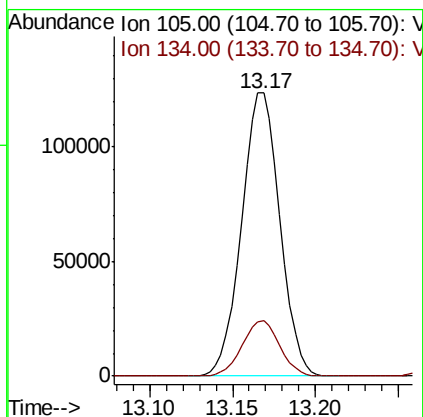
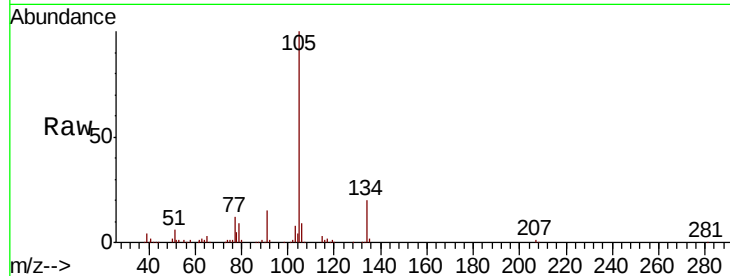




#85
 sec-Butylbenzene
 Concen: 19.752 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060607.D
 Acq: 18 Mar 2020 22:05

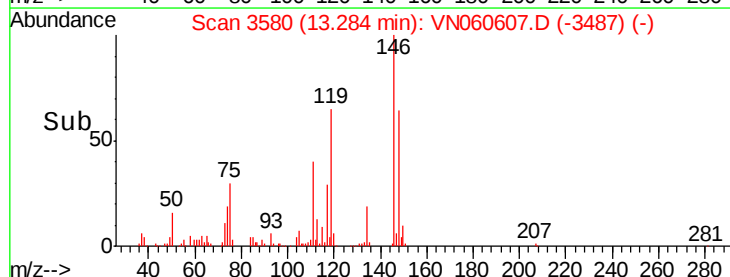
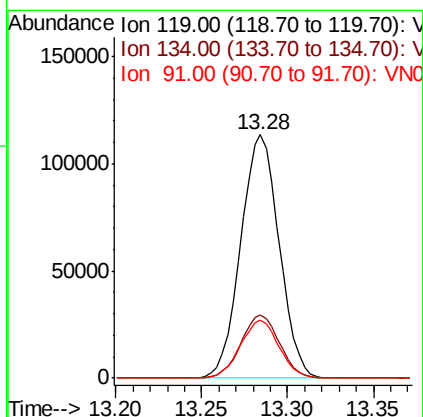
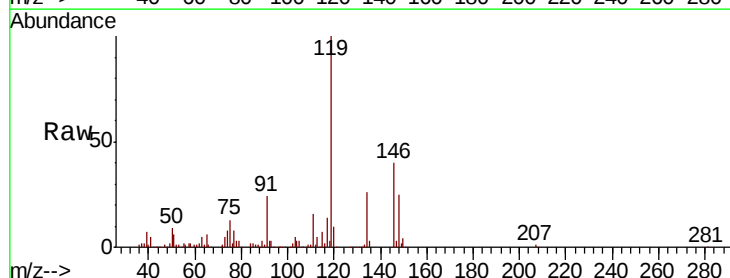
Instrument :
 MSVOA_N
 ClientSampled :
 VN0318WBS02

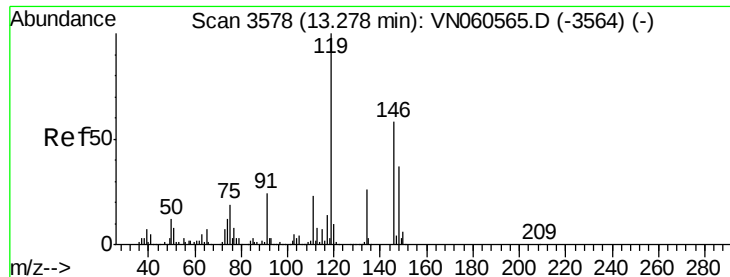
Tot Ion:105 Resp: 197680
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 19.577 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN060607.D
 Acq: 18 Mar 2020 22:05

Tgt Ion:119 Resp: 176181
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 23.9 12.0 36.0

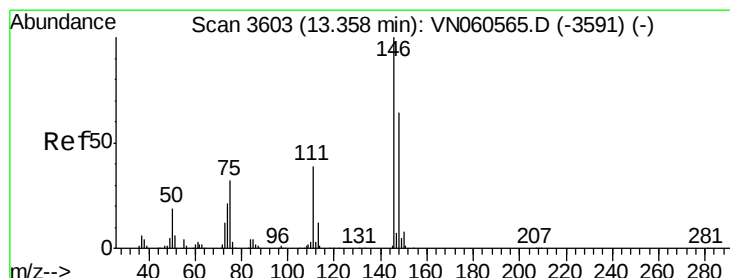
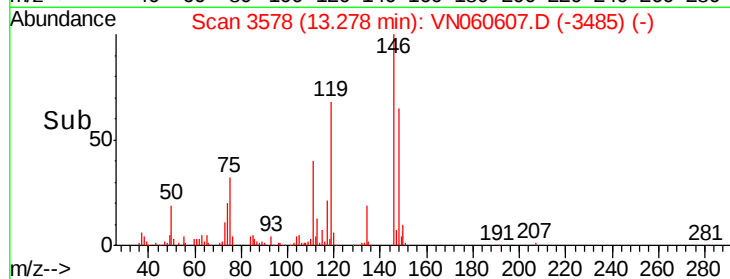
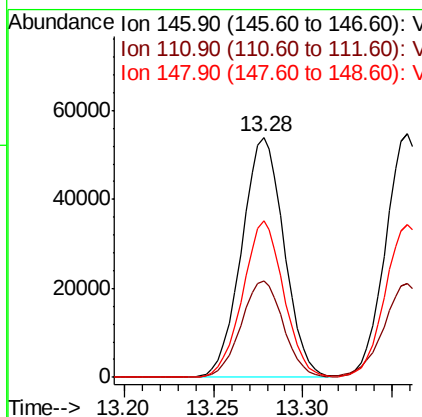
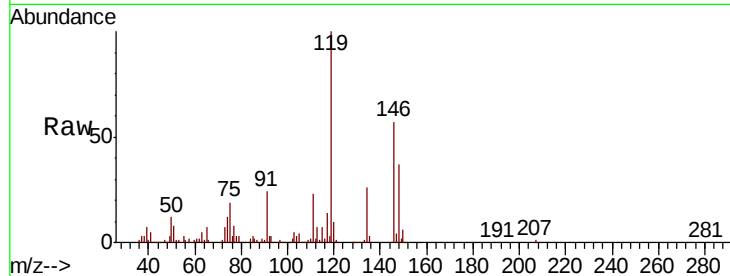




#87
 1,3-Dichlorobenzene
 Concen: 19.951 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060607.D
 Acq: 18 Mar 2020 22:05

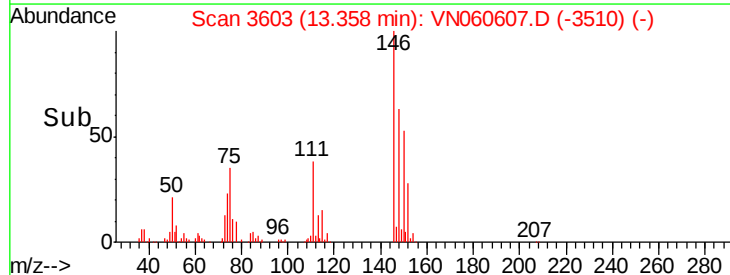
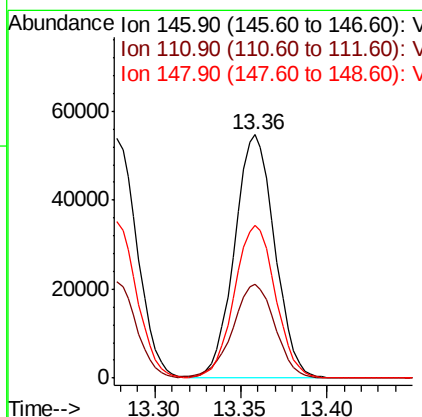
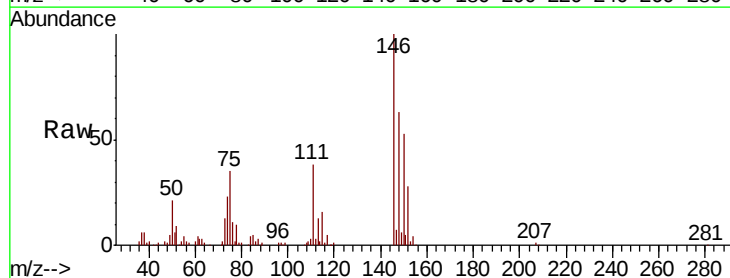
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBS02

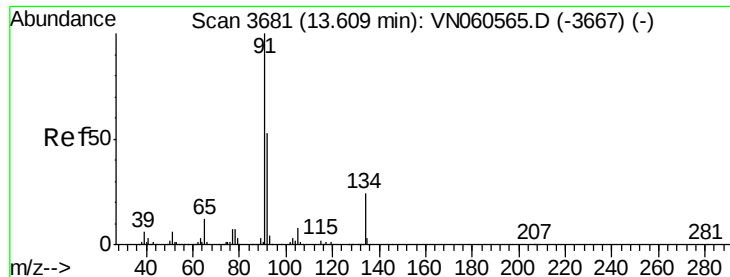
Tot Ion:146 Resp: 89701
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.3 60.8
 148 62.9 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 19.741 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060607.D
 Acq: 18 Mar 2020 22:05

Tgt Ion:146 Resp: 89177
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.6 58.7
 148 64.4 32.1 96.3





#89

n-Butylbenzene

Concen: 19.202 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampled :

VN0318WBS02

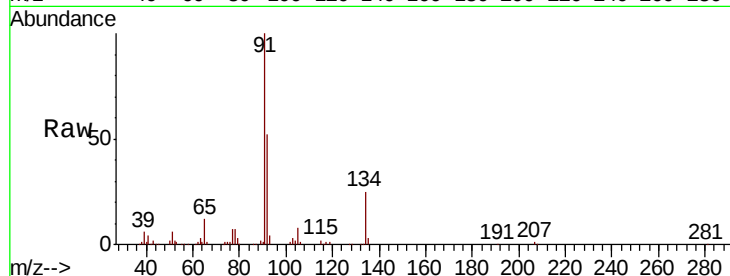
Tot Ion: 91 Resp: 156020

Ion Ratio Lower Upper

91 100

92 52.5 26.2 78.5

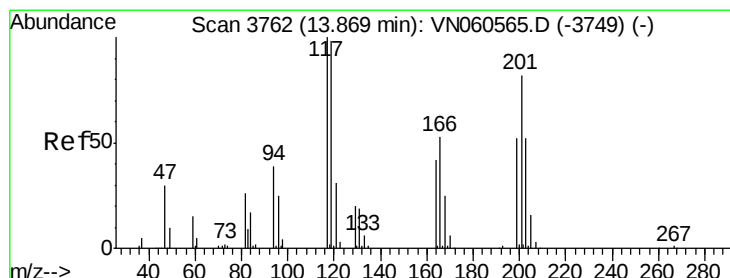
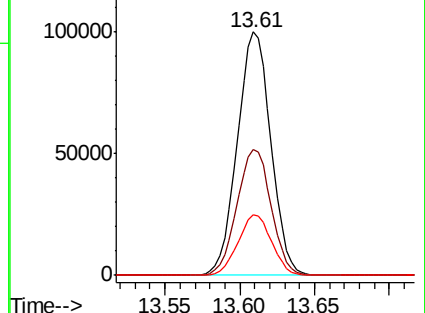
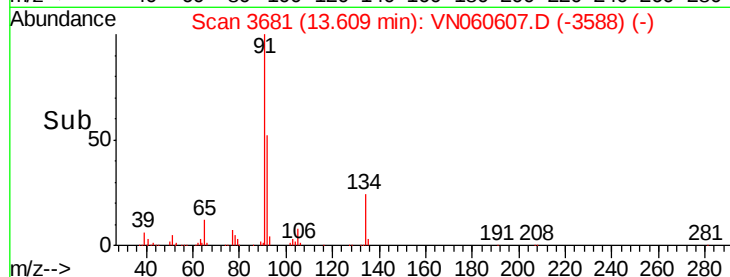
134 24.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN060607.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN060607.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN060607.D (-3667) (-)



#90

Hexachloroethane

Concen: 19.405 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN060607.D

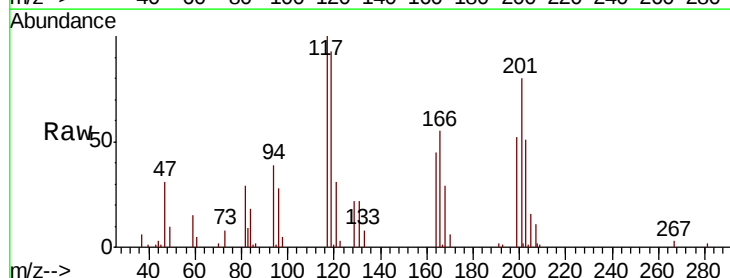
Acq: 18 Mar 2020 22:05

Tgt Ion: 117 Resp: 25384

Ion Ratio Lower Upper

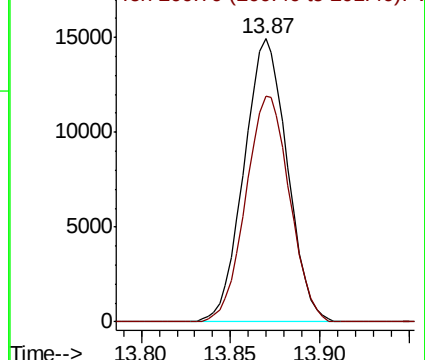
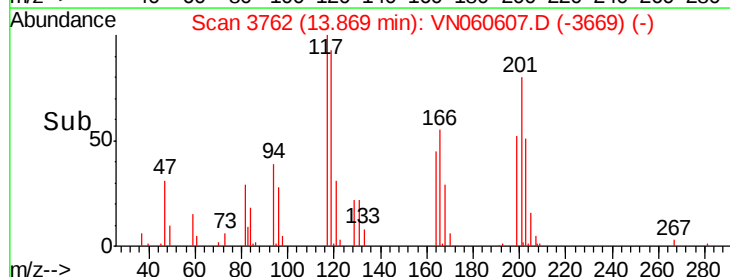
117 100

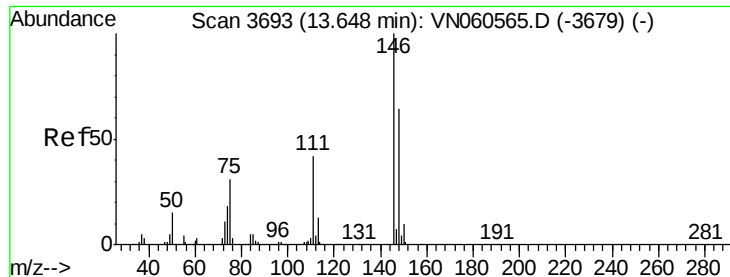
201 80.7 40.8 122.5



Abundance Ion 116.80 (116.50 to 117.50): VN060607.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060607.D (-3749) (-)

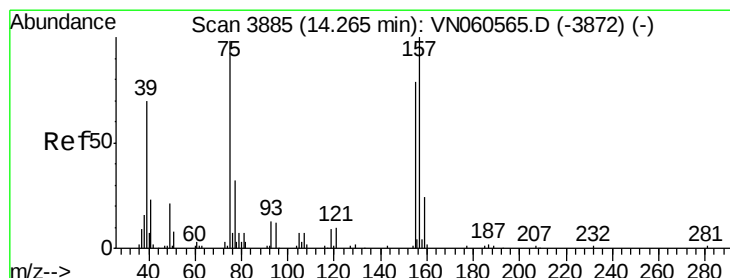
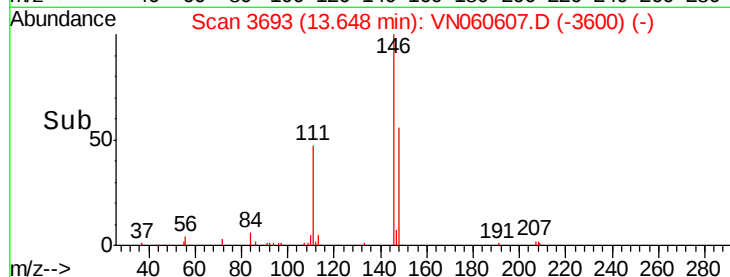
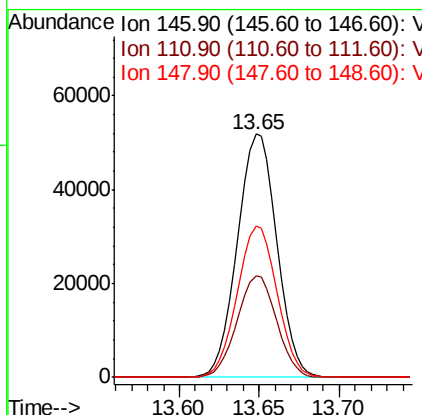
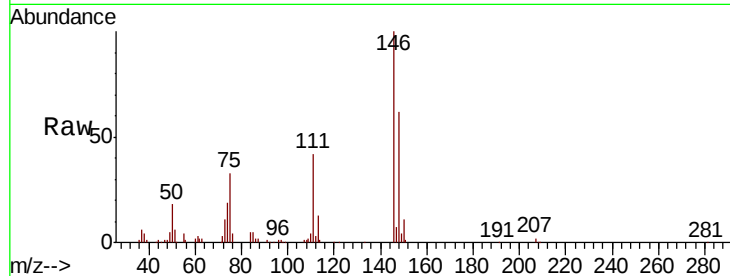




#91
 1,2-Dichlorobenzene
 Concen: 20.271 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN060607.D
 Acq: 18 Mar 2020 22:05

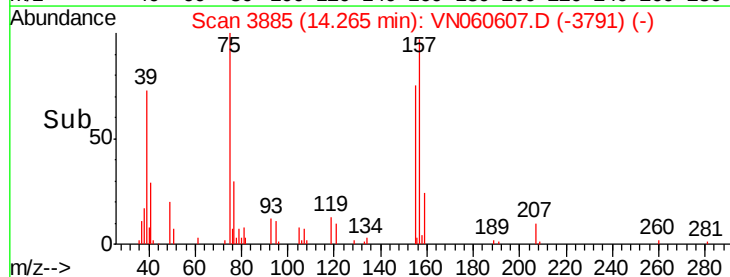
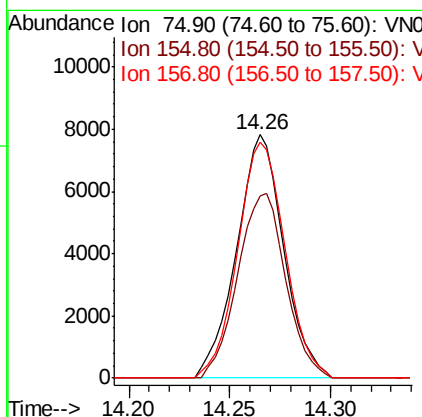
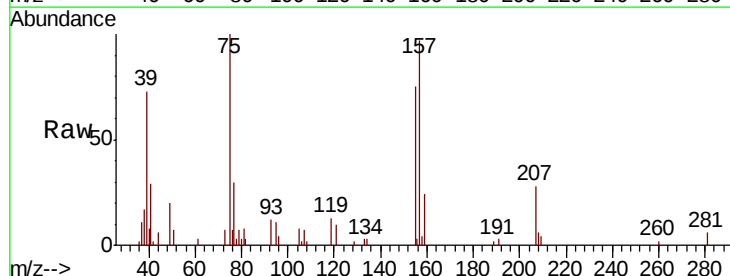
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBS02

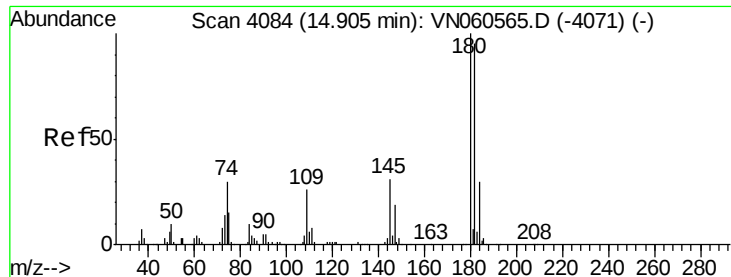
Tot Ion:146 Resp: 87148
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.0 63.0
 148 62.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.896 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060607.D
 Acq: 18 Mar 2020 22:05

Tgt Ion: 75 Resp: 12774
 Ion Ratio Lower Upper
 75 100
 155 77.2 40.7 122.1
 157 97.7 51.5 154.7

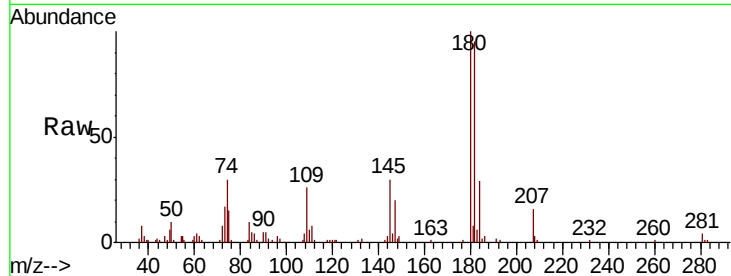




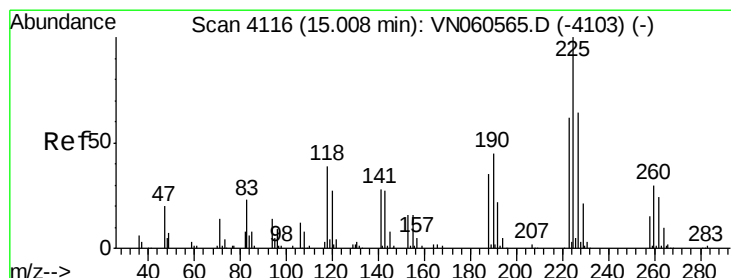
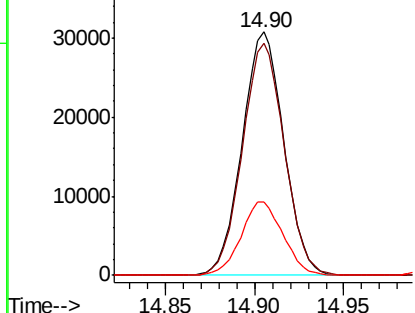
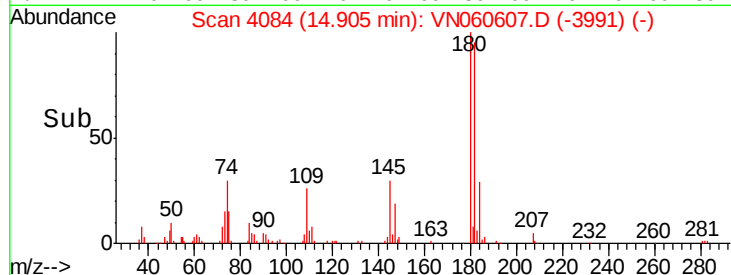
#93
 1,2,4-Trichlorobenzene
 Concen: 19.065 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060607.D
 Acq: 18 Mar 2020 22:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBS02

Tot Ion:180 Resp: 50334
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.9 143.8
 145 30.1 15.4 46.2

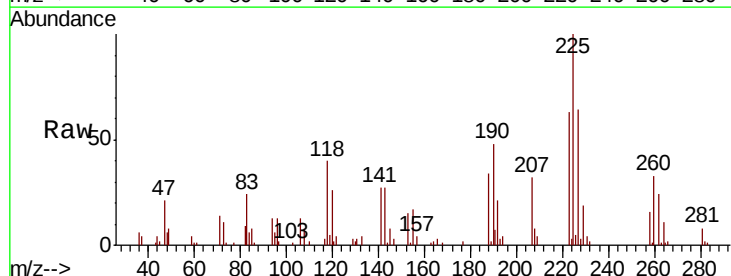


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

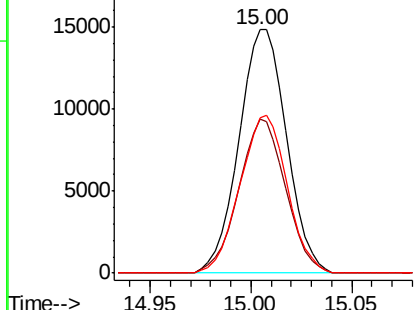
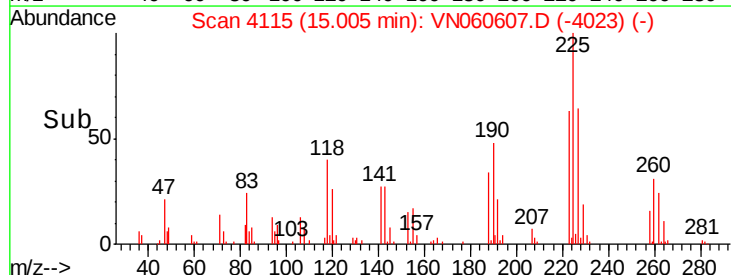


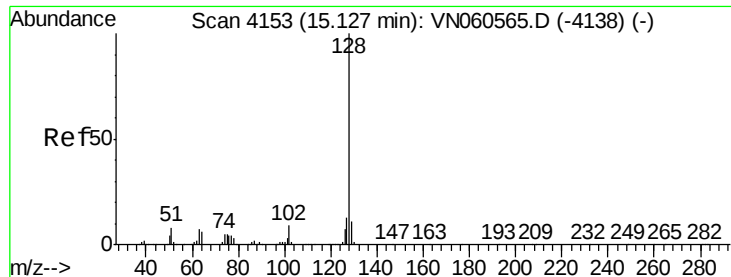
#94
 Hexachlorobutadiene
 Concen: 18.949 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN060607.D
 Acq: 18 Mar 2020 22:05

Tgt Ion:225 Resp: 24525
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.6 95.0
 227 64.2 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.811 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBS02

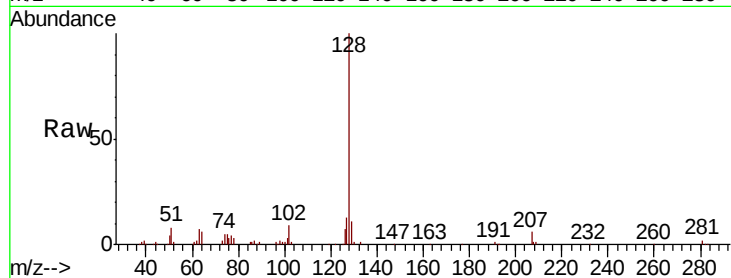
Tot Ion:128 Resp: 149376

Ion Ratio Lower Upper

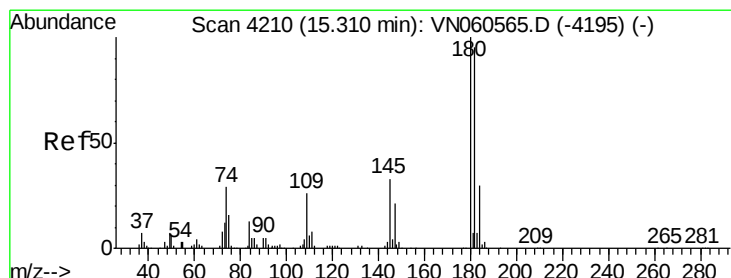
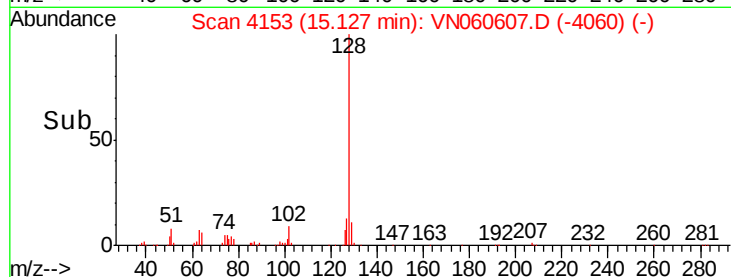
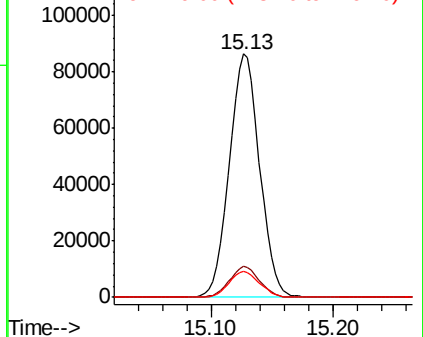
128 100

127 12.4 10.2 15.2

129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.122 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. -0.00 min

Lab File: VN060607.D

Acq: 18 Mar 2020 22:05

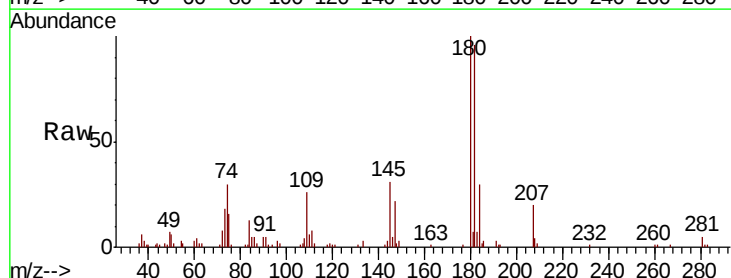
Tgt Ion:180 Resp: 49726

Ion Ratio Lower Upper

180 100

182 96.2 47.5 142.6

145 31.5 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

