

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060925.D
 Acq On : 14 Apr 2020 11:27
 Operator : JC/MD
 Sample : VN0414WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBS01

Quant Time: Apr 15 07:41:39 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	144490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	240120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	216463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	101372	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	97023	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	7.56	113	72387	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	10.08	98	283640	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
62) 4-Bromofluorobenzene	12.40	95	104065	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	21891	15.658	ug/l	100
3) Chloromethane	2.04	50	40323	15.443	ug/l	100
4) Vinyl Chloride	2.17	62	32691	16.007	ug/l	100
5) Bromomethane	2.55	94	17006	19.289	ug/l	98
6) Chloroethane	2.69	64	21084	17.921	ug/l	99
7) Trichlorofluoromethane	3.00	101	45070	17.914	ug/l	99
8) Diethyl Ether	3.38	74	19348	19.144	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	28047	19.239	ug/l	98
10) Methyl Iodide	3.93	142	21848	16.843	ug/l	98
11) Tert butyl alcohol	4.72	59	32229	110.482	ug/l	98
12) 1,1-Dichloroethene	3.72	96	27776	17.755	ug/l	98
13) Acrolein	3.57	56	25986	80.376	ug/l	99
14) Allyl chloride	4.29	41	52990	19.259	ug/l	96
15) Acrylonitrile	4.94	53	87899	102.469	ug/l	99
16) Acetone	3.78	43	82883	117.966	ug/l	99
17) Carbon Disulfide	4.03	76	74702	15.701	ug/l	100
18) Methyl Acetate	4.28	43	42811	21.647	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	102388	19.037	ug/l	97
20) Methylene Chloride	4.52	84	31754	18.372	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	29163	17.491	ug/l	89
22) Diisopropyl ether	5.91	45	118435	20.375	ug/l	100
23) Vinyl Acetate	5.86	43	479816	101.167	ug/l	99
24) 1,1-Dichloroethane	5.81	63	61760	19.490	ug/l	99
25) 2-Butanone	6.80	43	121494	106.861	ug/l	98
26) 2,2-Dichloropropane	6.79	77	51836	20.791	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	35241	18.600	ug/l	97
28) Bromochloromethane	7.17	49	31577	20.827	ug/l	95
29) Tetrahydrofuran	7.18	42	81045	100.749	ug/l	98
30) Chloroform	7.34	83	57411	18.898	ug/l	98
31) Cyclohexane	7.63	56	56554	17.703	ug/l	96
32) 1,1,1-Trichloroethane	7.54	97	48576	18.549	ug/l	98
36) 1,1-Dichloropropene	7.77	75	42988	18.489	ug/l	98
37) Ethyl Acetate	6.89	43	50643	20.158	ug/l	99
38) Carbon Tetrachloride	7.75	117	37837	18.157	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	51873	18.773	ug/l	97
40) Benzene	8.02	78	132770	18.916	ug/l	99
41) Methacrylonitrile	7.18	41	71554	66.736	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	47022	19.603	ug/l	99
43) Isopropyl Acetate	8.14	43	83525	20.159	ug/l	98
44) Trichloroethene	8.81	130	32493	18.364	ug/l	98
45) 1,2-Dichloropropane	9.10	63	36651	19.789	ug/l	99
46) Dibromomethane	9.19	93	21480	19.184	ug/l	98
47) Bromodichloromethane	9.38	83	45502	19.556	ug/l	99
48) Methyl methacrylate	9.18	41	35830	19.423	ug/l	98
49) 1,4-Dioxane	9.18	88	11461	522.697	ug/l	95
51) 4-Methyl-2-Pentanone	9.97	43	245778	104.244	ug/l	98
52) Toluene	10.14	92	79138	18.669	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	52416	19.612	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	57000	19.440	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	31580	19.365	ug/l	98
56) Ethyl methacrylate	10.42	69	48920	19.239	ug/l	97
57) 1,3-Dichloropropane	10.70	76	56241	19.874	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	114434	90.548	ug/l	99
59) 2-Hexanone	10.74	43	176792	104.094	ug/l	98
60) Dibromochloromethane	10.89	129	32428	19.251	ug/l	99
61) 1,2-Dibromoethane	10.99	107	30756	18.755	ug/l	99
64) Tetrachloroethene	10.62	164	30255	17.762	ug/l	98
65) Chlorobenzene	11.42	112	81214	18.926	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	30749	19.791	ug/l	97
67) Ethyl Benzene	11.50	91	152036	19.052	ug/l	99
68) m/p-Xylenes	11.61	106	109932	37.071	ug/l	96
69) o-Xylene	11.94	106	54370	19.206	ug/l	100
70) Styrene	11.96	104	86440	18.670	ug/l	99
71) Bromoform	12.12	173	22395	18.440	ug/l #	100
73) Isopropylbenzene	12.24	105	146669	19.279	ug/l	99
74) N-amyl acetate	12.06	43	67576	19.223	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	46716	20.306	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	62631	28.633	ug/l #	100
77) Bromobenzene	12.52	156	33744	18.408	ug/l	96
78) n-propylbenzene	12.59	91	171614	19.094	ug/l	99
79) 2-Chlorotoluene	12.67	91	101159	18.837	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	120867	18.722	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	16250	19.080	ug/l	98
82) 4-Chlorotoluene	12.77	91	105892	19.360	ug/l	97
83) tert-Butylbenzene	12.99	119	103236	19.290	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	121842	19.077	ug/l	99
85) sec-Butylbenzene	13.17	105	141739	19.695	ug/l	100
86) p-Isopropyltoluene	13.28	119	127217	19.658	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	60564	18.732	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	60997	18.778	ug/l	99
89) n-Butylbenzene	13.61	91	115073	19.695	ug/l	100
90) Hexachloroethane	13.87	117	19957	21.216	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	59251	19.166	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	8952	18.408	ug/l	95

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QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

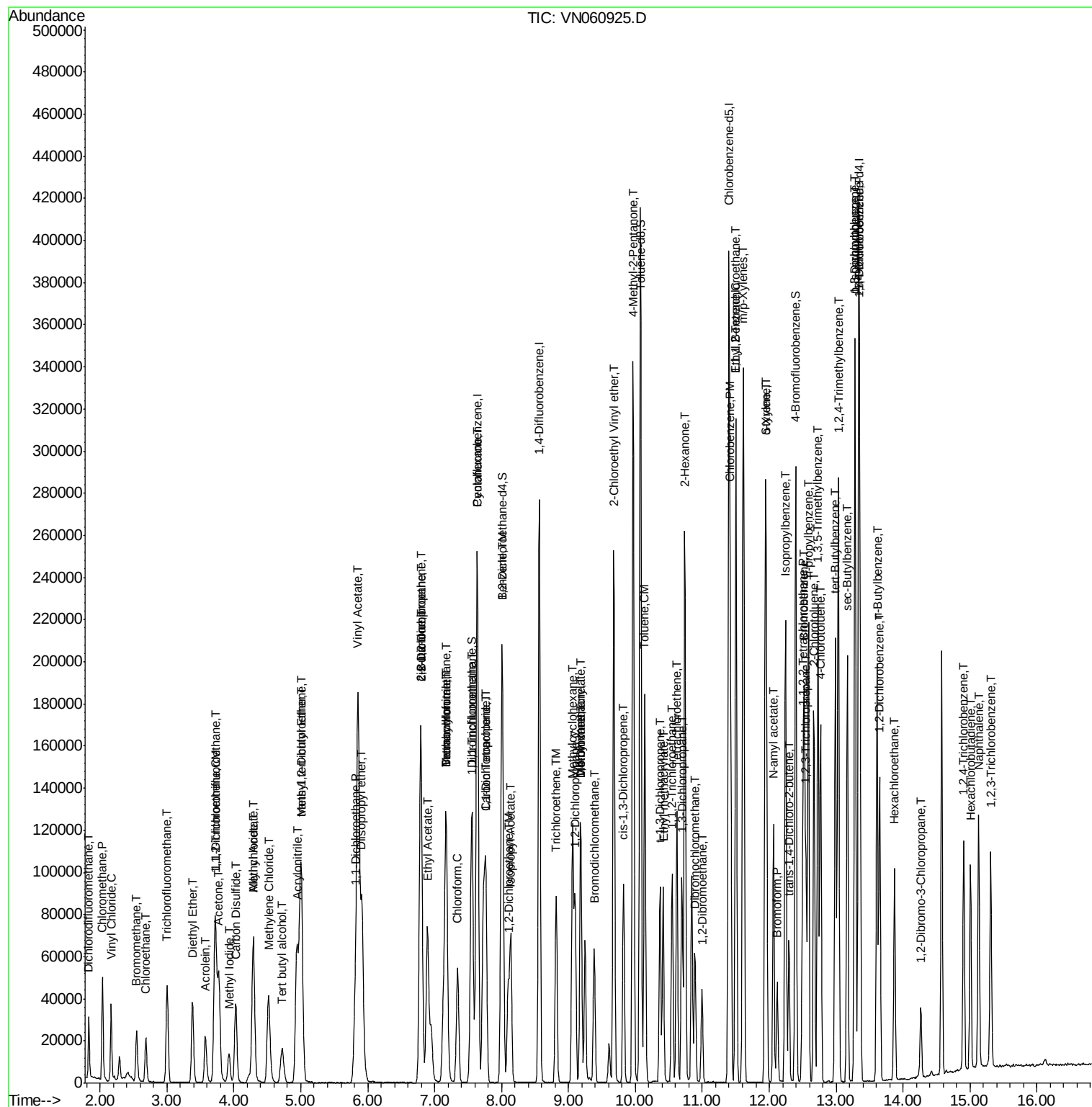
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	34923	18.395	ug/l	98
94) Hexachlorobutadiene	15.01	225	18928	20.338	ug/l	99
95) Naphthalene	15.13	128	99970	17.507	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	34248	18.315	ug/l	100

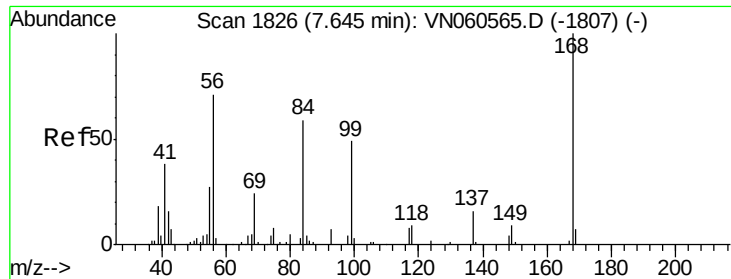
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

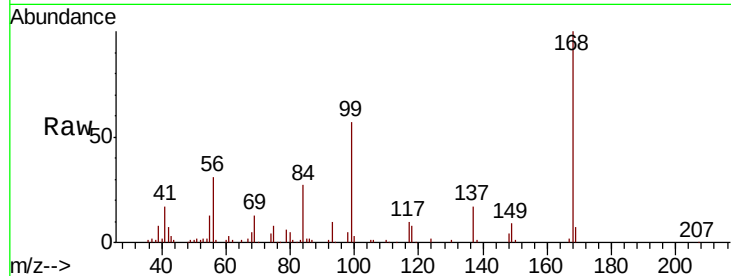
VN0414WBS01

Tot Ion:168 Resp: 144490

Ion Ratio Lower Upper

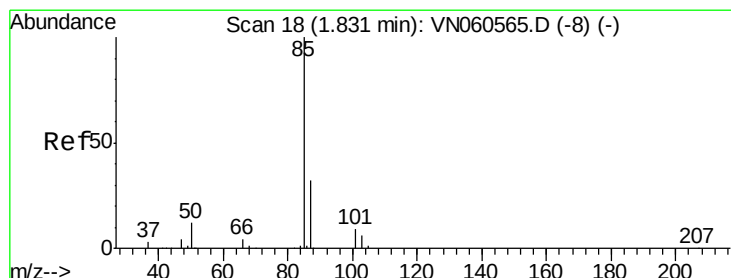
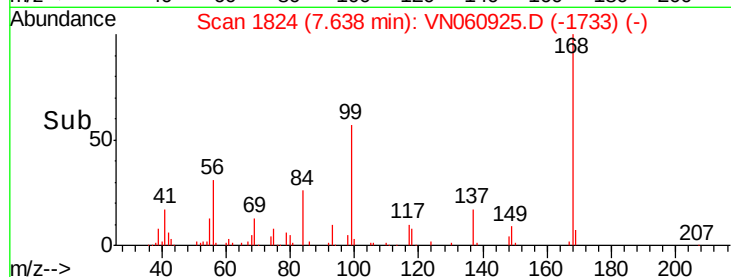
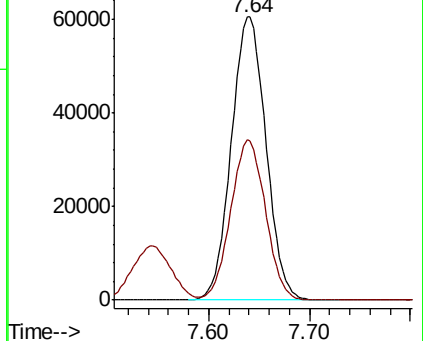
168 100

99 56.6 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: 15.658 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060925.D

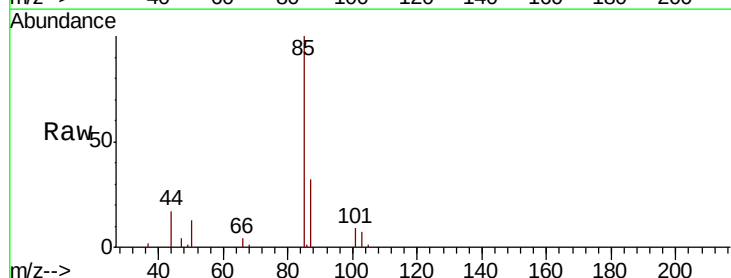
Acq: 14 Apr 2020 11:27

Tgt Ion: 85 Resp: 21891

Ion Ratio Lower Upper

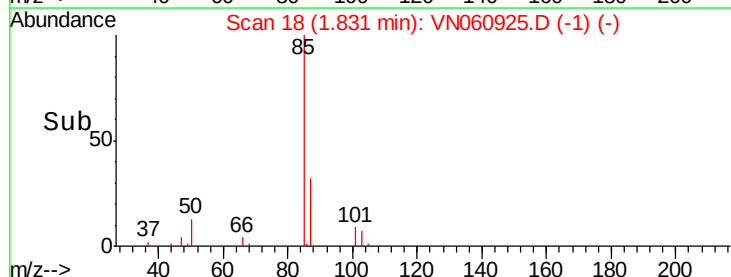
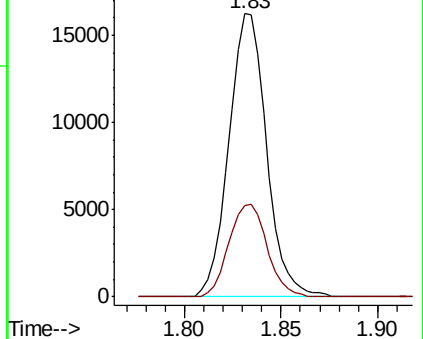
85 100

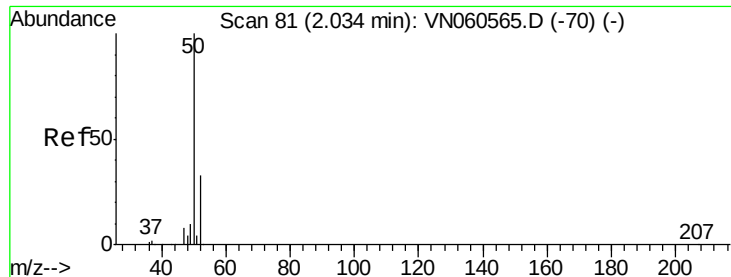
87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 15.443 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

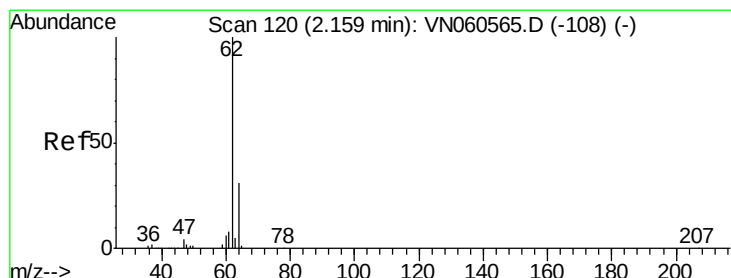
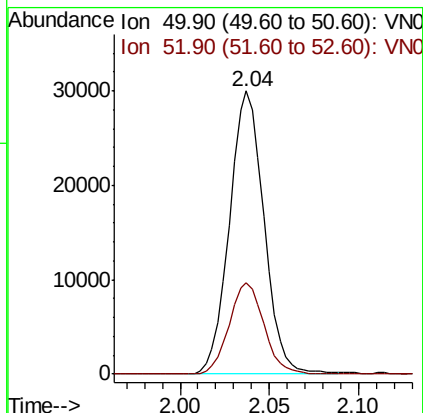
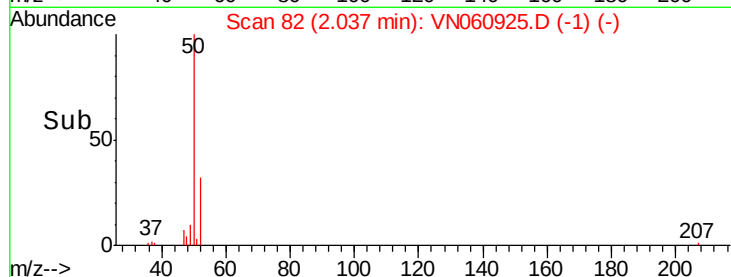
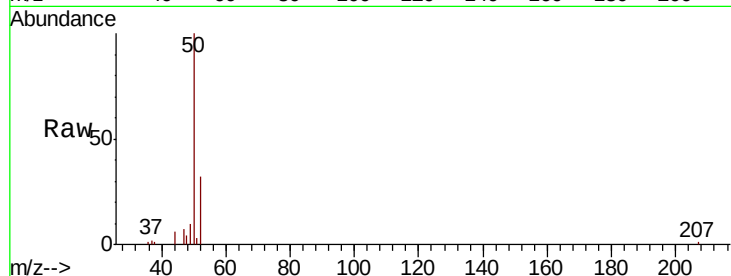
VN0414WBS01

Tot Ion: 50 Resp: 40323

Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.2



#4

Vinyl Chloride

Concen: 16.007 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060925.D

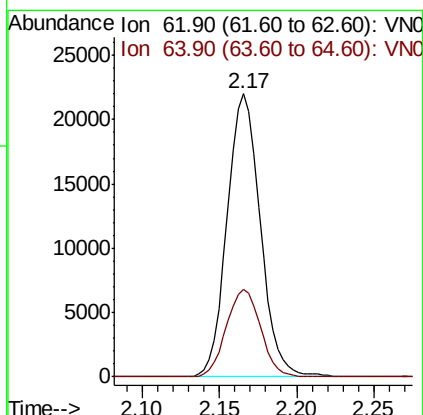
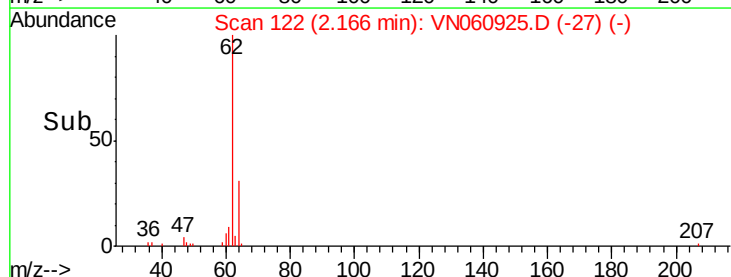
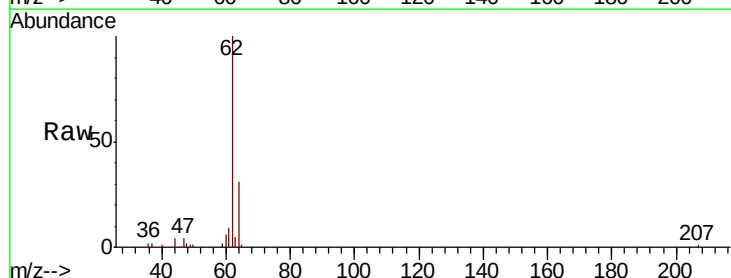
Acq: 14 Apr 2020 11:27

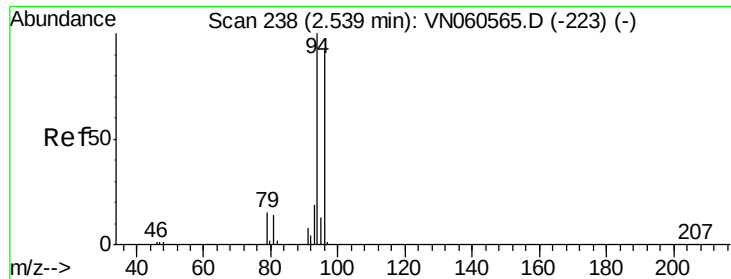
Tgt Ion: 62 Resp: 32691

Ion Ratio Lower Upper

62 100

64 31.1 24.7 37.1





#5

Bromomethane

Concen: 19.289 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

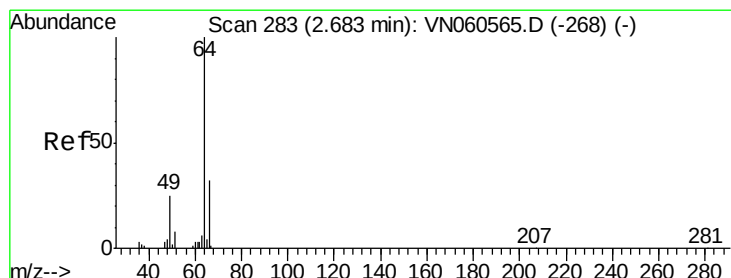
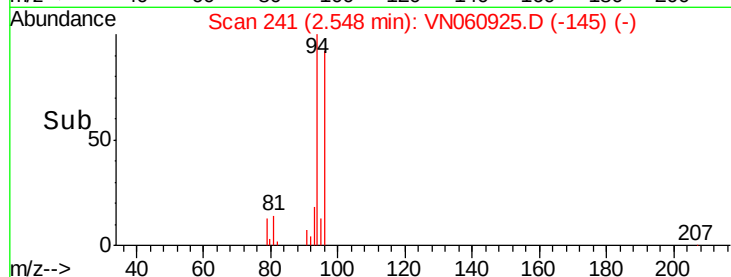
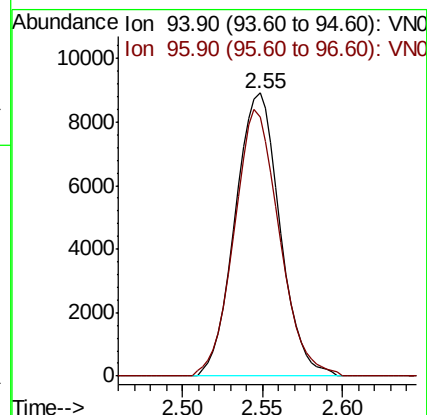
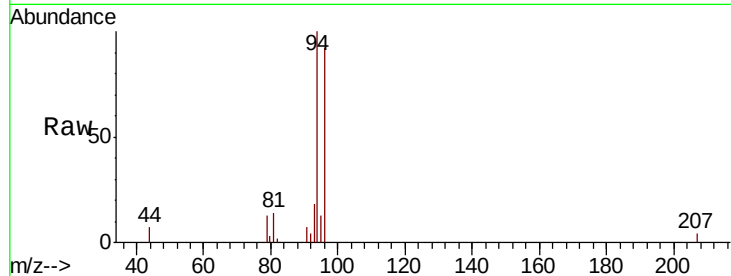
VN0414WBS01

Tot Ion: 94 Resp: 17006

Ion Ratio Lower Upper

94 100

96 91.5 74.6 112.0



#6

Chloroethane

Concen: 17.921 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060925.D

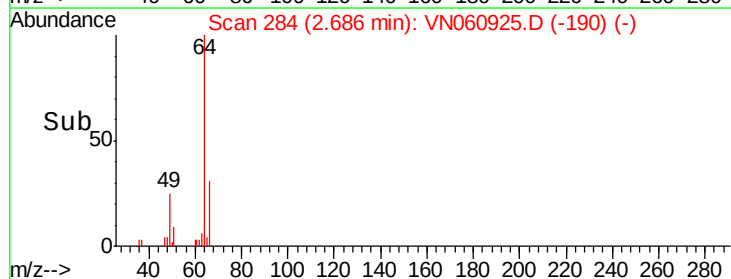
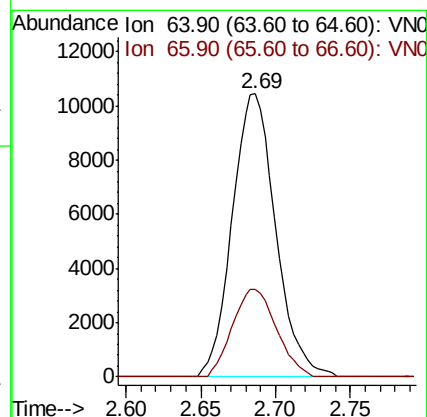
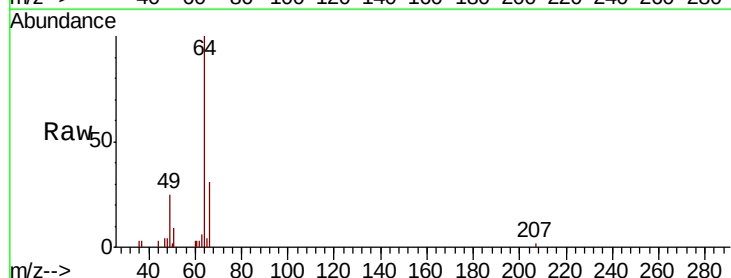
Acq: 14 Apr 2020 11:27

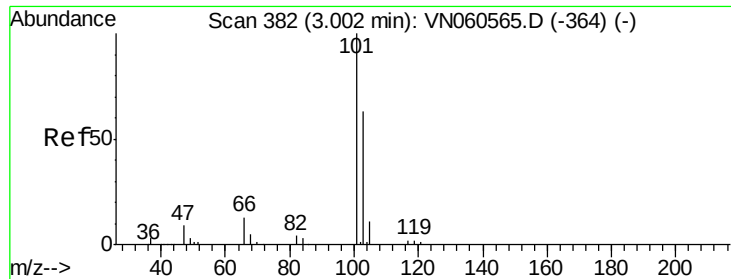
Tgt Ion: 64 Resp: 21084

Ion Ratio Lower Upper

64 100

66 31.0 25.3 37.9



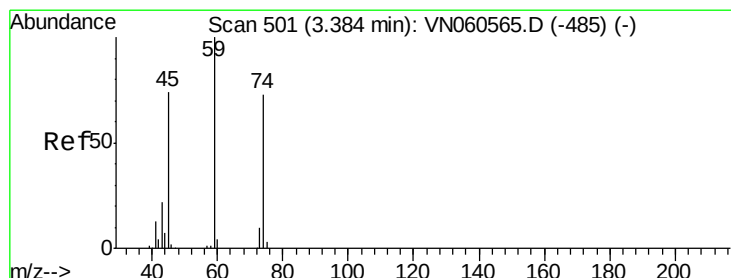
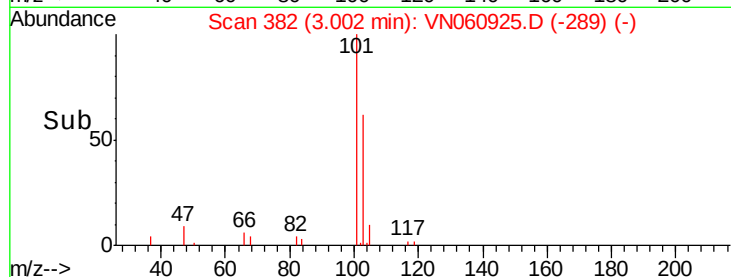
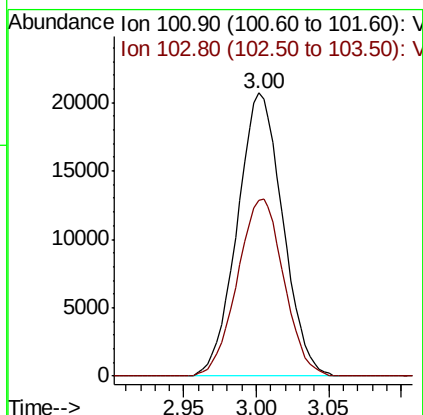
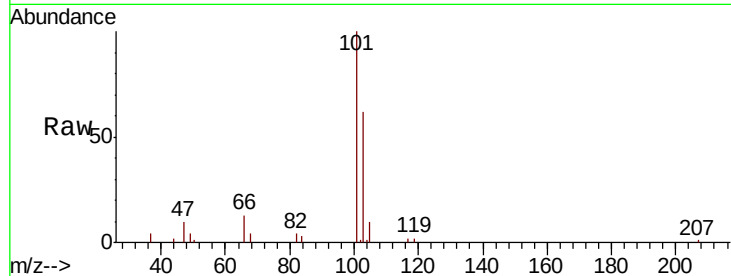


#7

Trichlorofluoromethane
 Concen: 17.914 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060925.D
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Instrument :
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 VN0414WBS01

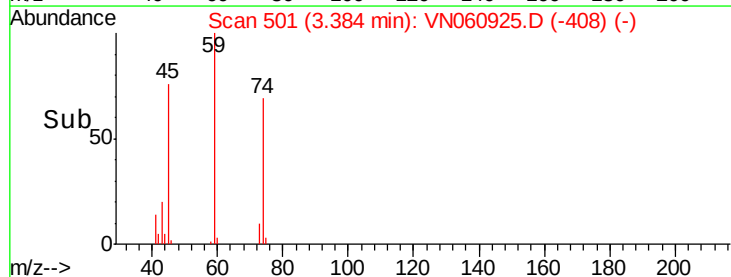
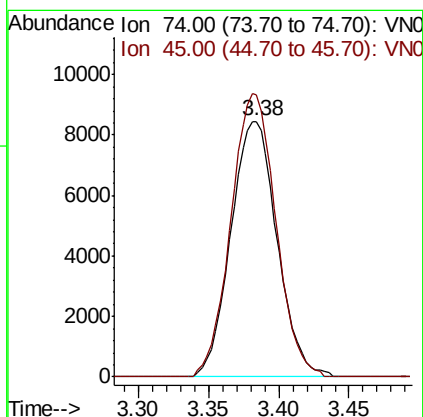
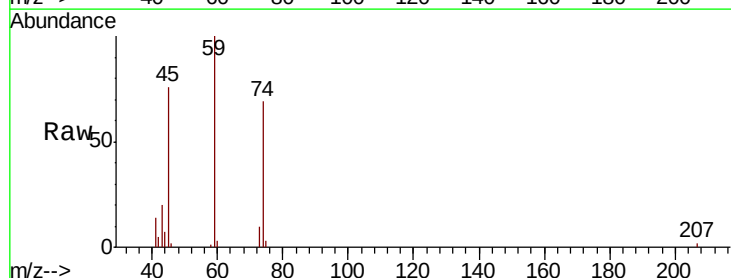
Tot Ion:101 Resp: 45070
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.6 76.0

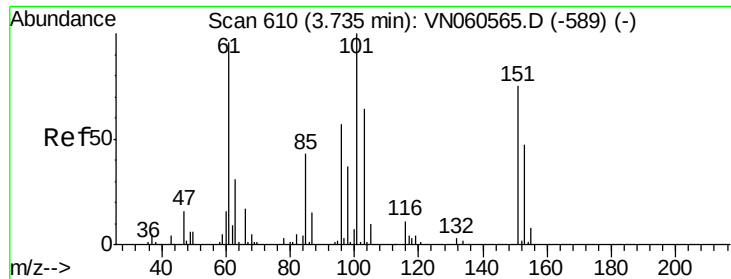


#8

Diethyl Ether
 Concen: 19.144 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060925.D
 Acq: 14 Apr 2020 11:27

Tgt Ion: 74 Resp: 19348
 Ion Ratio Lower Upper
 74 100
 45 107.9 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.239 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

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VN0414WBS01

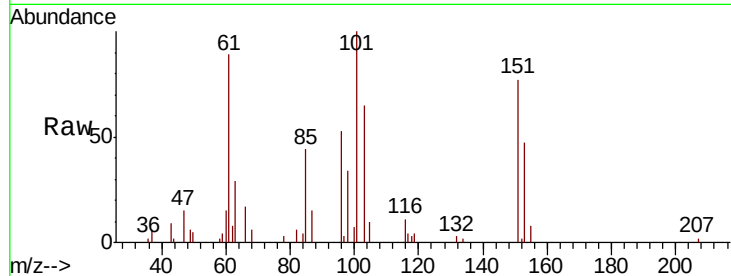
Tot Ion:101 Resp: 28047

Ion Ratio Lower Upper

101 100

85 43.1 35.6 53.4

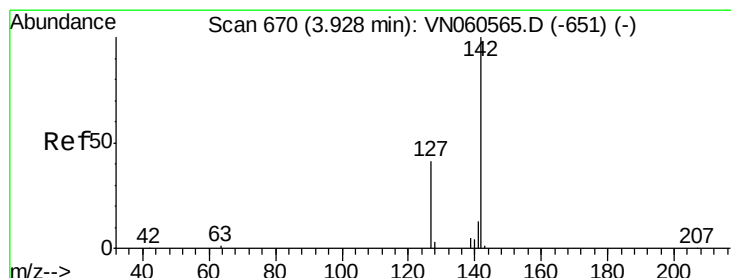
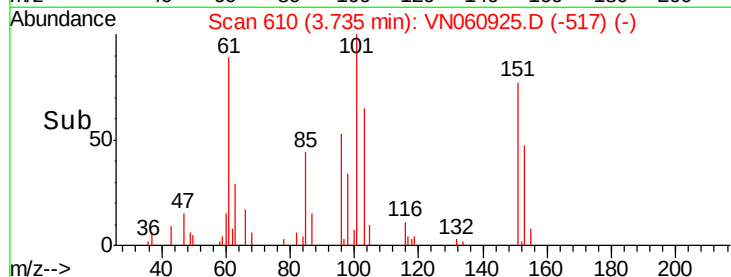
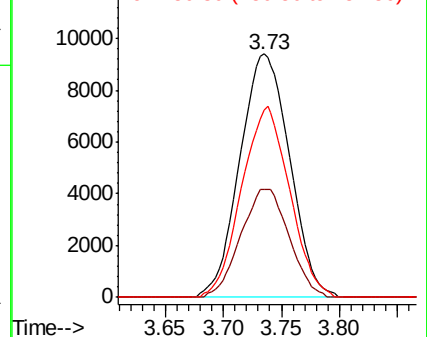
151 75.6 61.4 92.2



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: 16.843 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

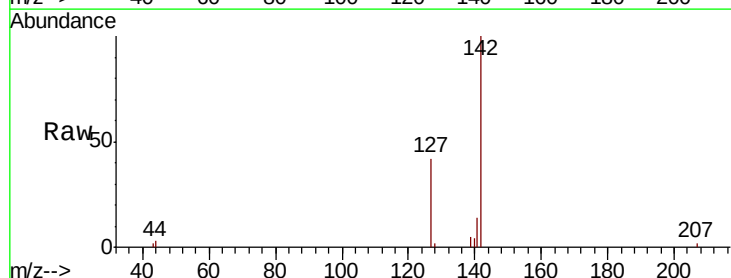
Tgt Ion:142 Resp: 21848

Ion Ratio Lower Upper

142 100

127 40.3 33.5 50.3

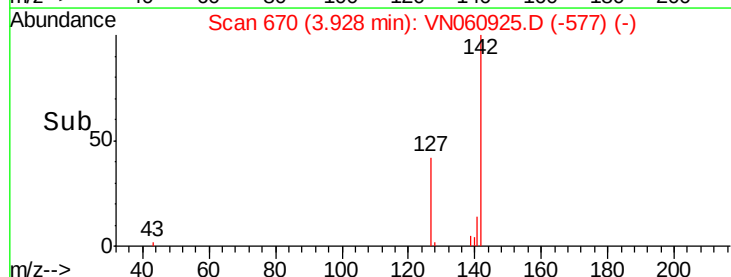
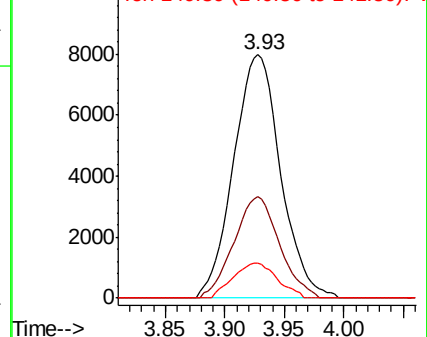
141 13.4 11.0 16.6

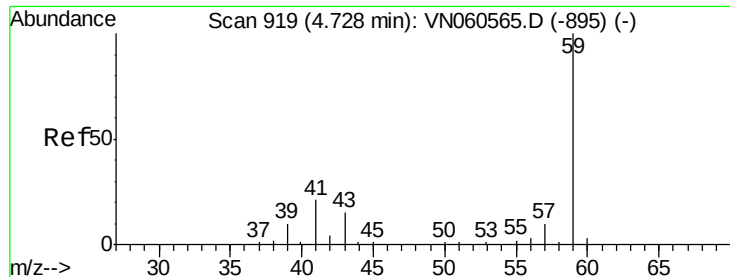


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



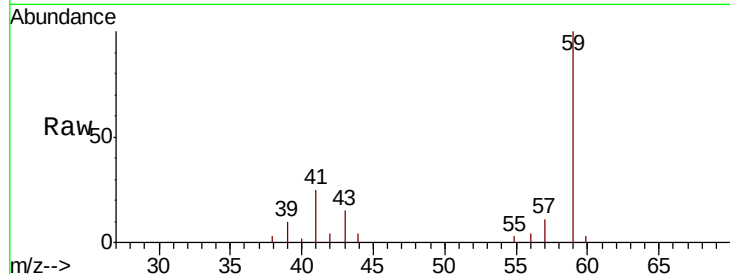


#11

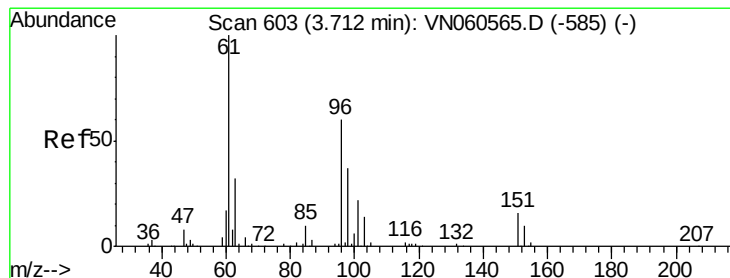
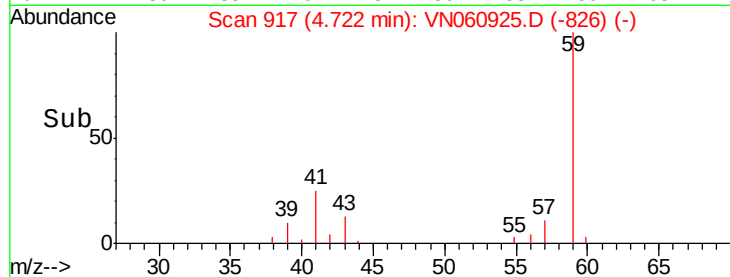
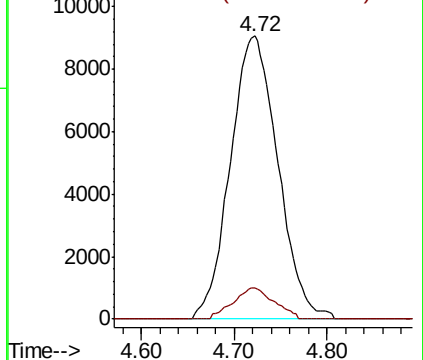
Tert butyl alcohol
 Concen: 110.482 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: VN060925.D
 Acq: 14 Apr 2020 11:27

Instrument :
 MSVOA_N
 ClientSampled :
 VN0414WBS01

Tot Ion: 59 Resp: 32229
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.2 12.4



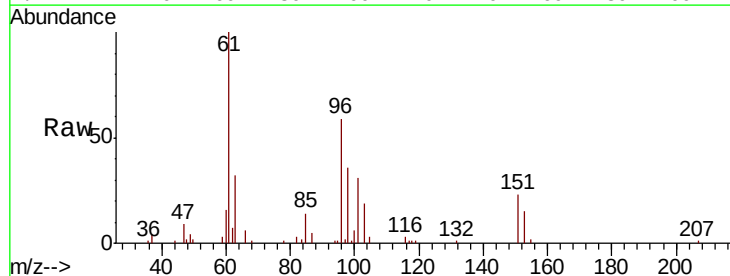
Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



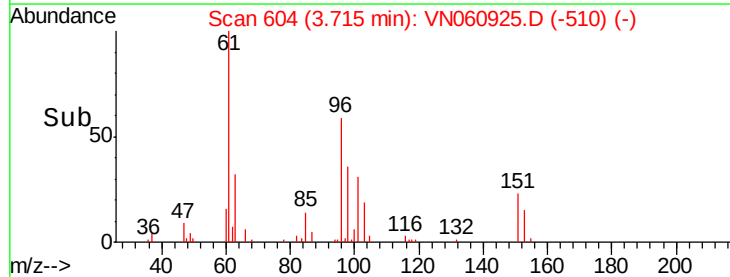
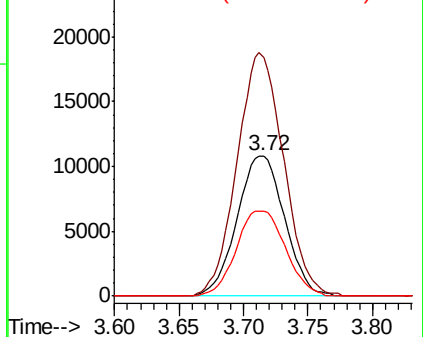
#12

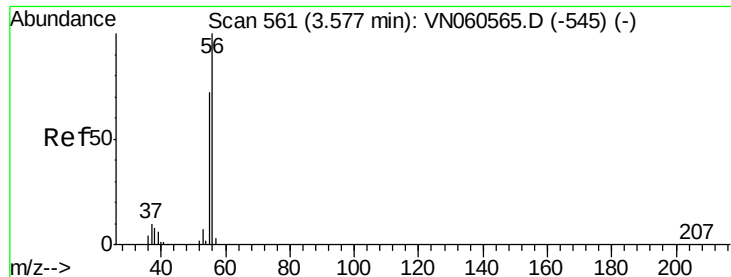
1,1-Dichloroethene
 Concen: 17.755 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060925.D
 Acq: 14 Apr 2020 11:27

Tgt Ion: 96 Resp: 27776
 Ion Ratio Lower Upper
 96 100
 61 169.9 134.1 201.1
 98 60.9 49.9 74.9



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





#13

Acrolein

Concen: 80.376 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

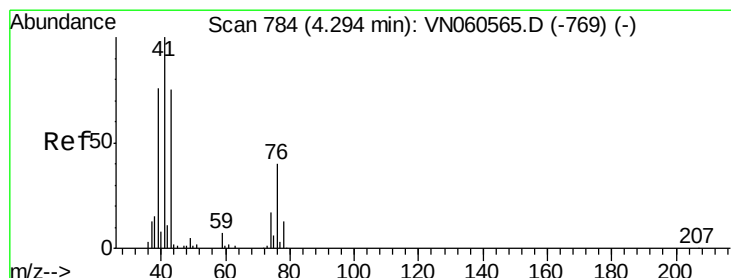
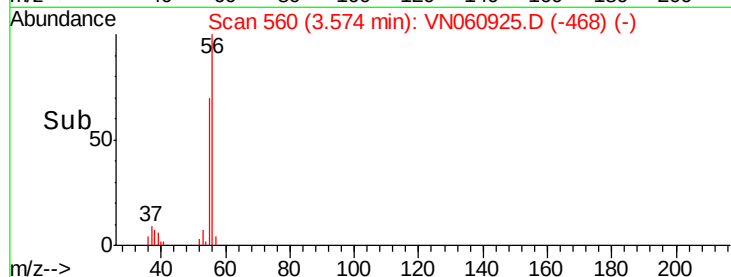
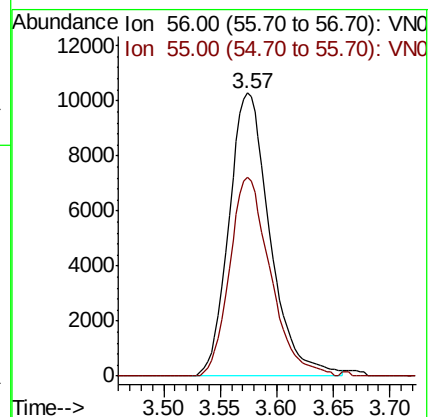
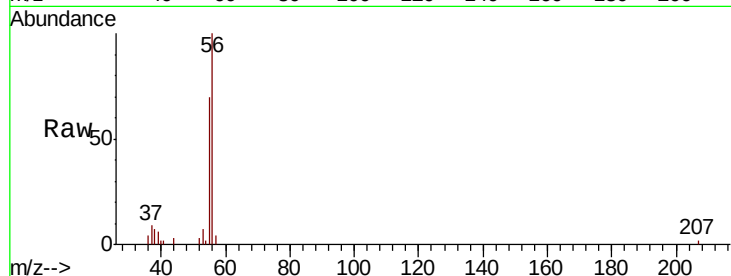
VN0414WBS01

Tot Ion: 56 Resp: 25986

Ion Ratio Lower Upper

56 100

55 69.7 56.7 85.1



#14

Allyl chloride

Concen: 19.259 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

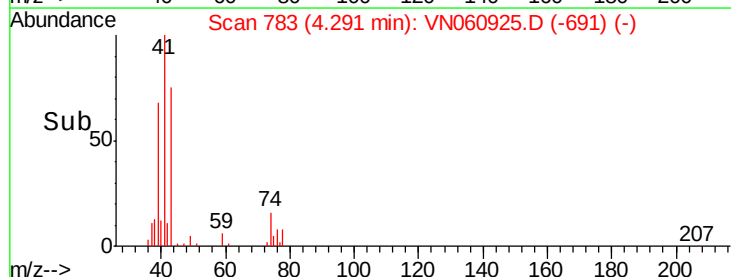
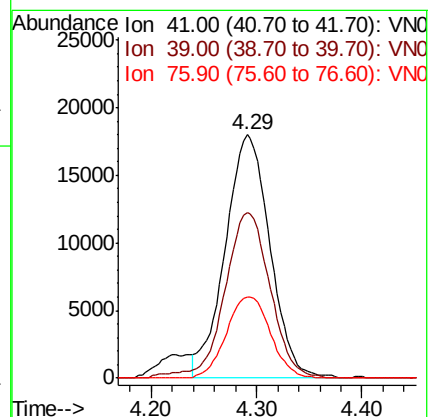
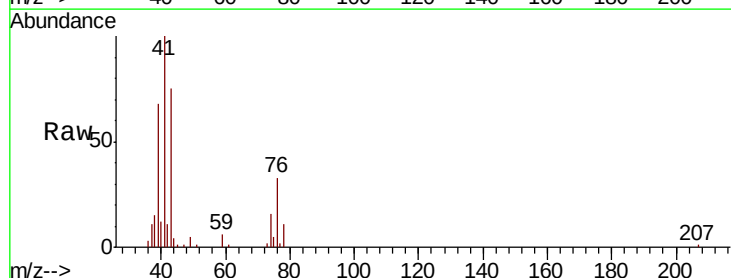
Tgt Ion: 41 Resp: 52990

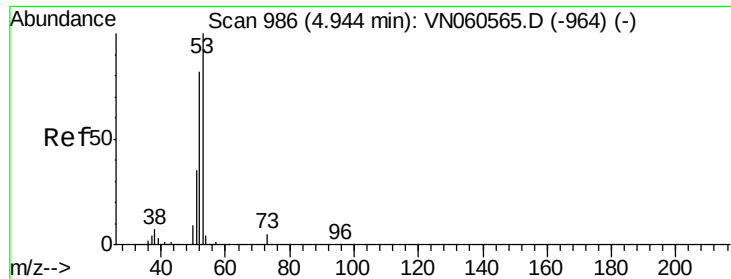
Ion Ratio Lower Upper

41 100

39 69.1 57.8 86.8

76 32.9 28.6 43.0





#15

Acrylonitrile

Concen: 102.469 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

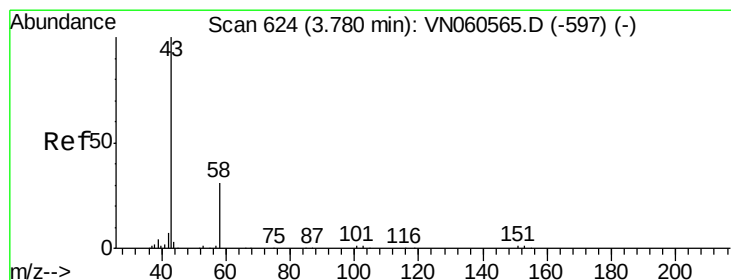
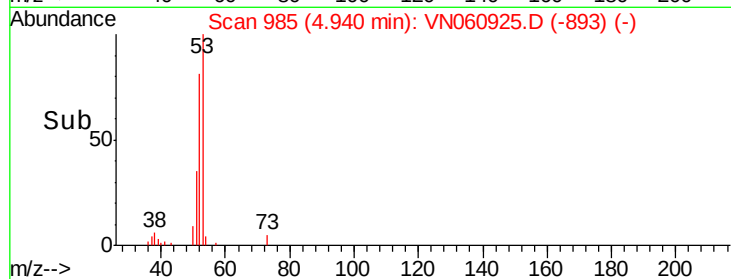
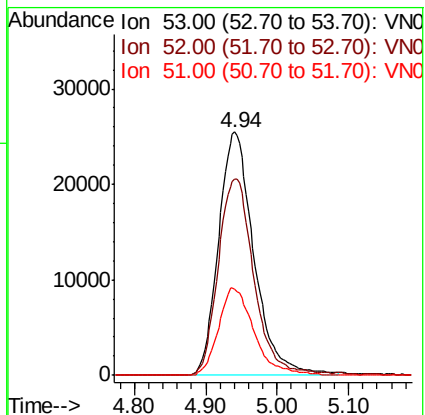
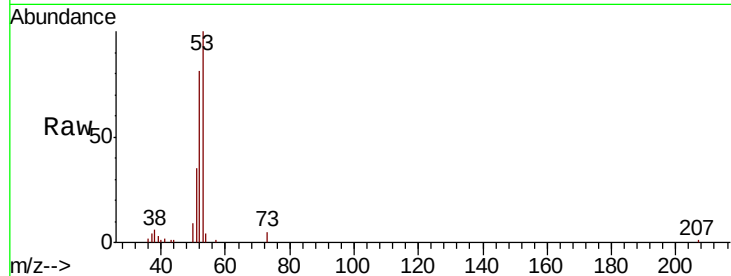
Tot Ion: 53 Resp: 87899

Ion Ratio Lower Upper

53 100

52 81.5 66.2 99.4

51 36.1 28.7 43.1



#16

Acetone

Concen: 117.966 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060925.D

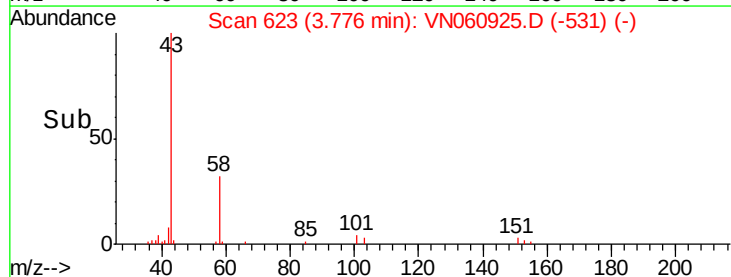
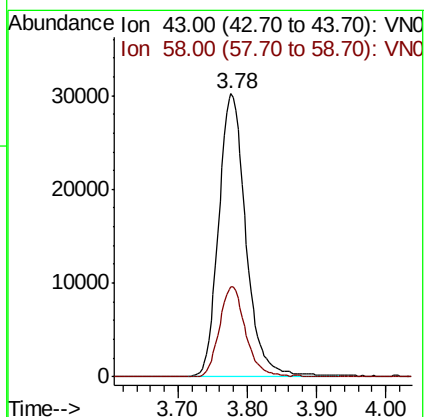
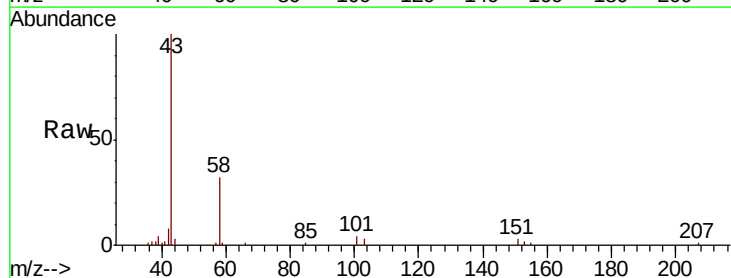
Acq: 14 Apr 2020 11:27

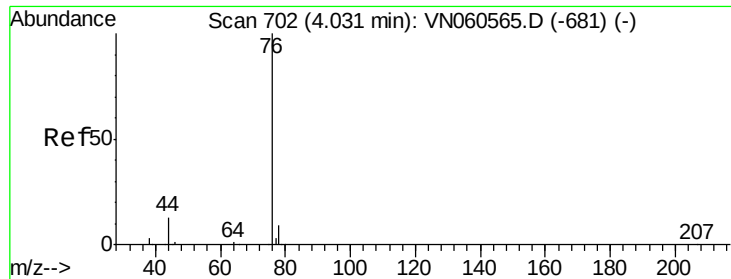
Tgt Ion: 43 Resp: 82883

Ion Ratio Lower Upper

43 100

58 32.0 25.1 37.7





#17

Carbon Disulfide

Concen: 15.701 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

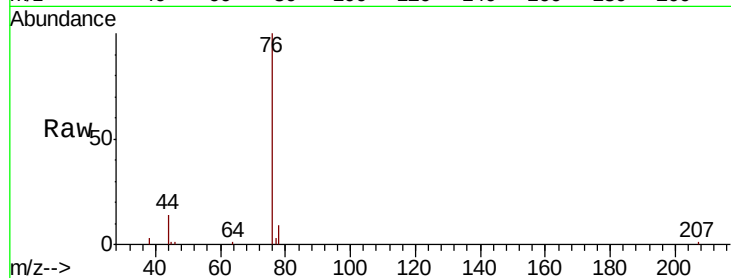
VN0414WBS01

Tot Ion: 76 Resp: 74702

Ion Ratio Lower Upper

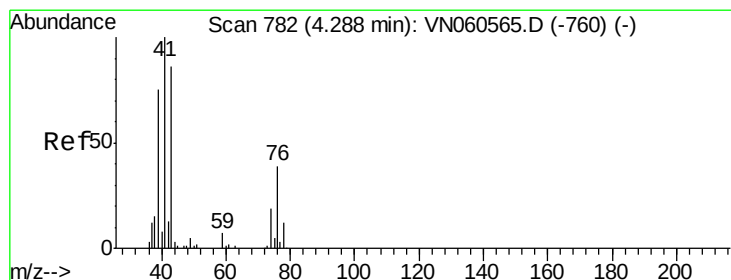
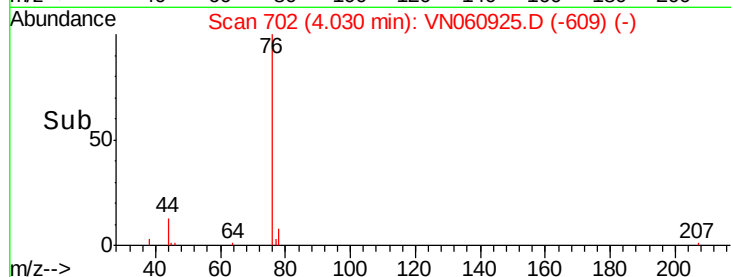
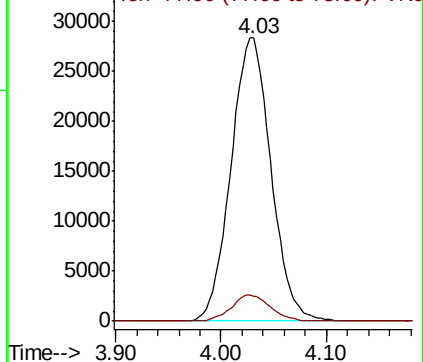
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 21.647 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060925.D

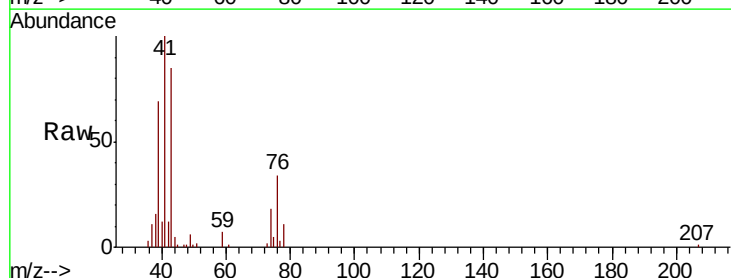
Acq: 14 Apr 2020 11:27

Tgt Ion: 43 Resp: 42811

Ion Ratio Lower Upper

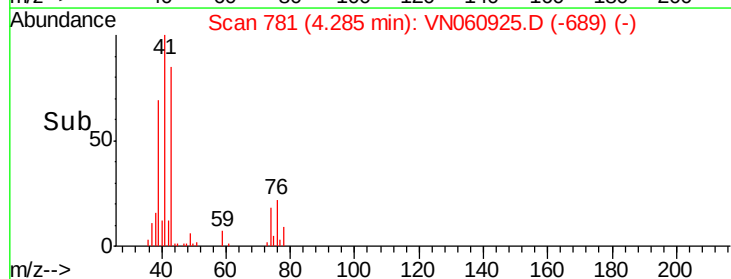
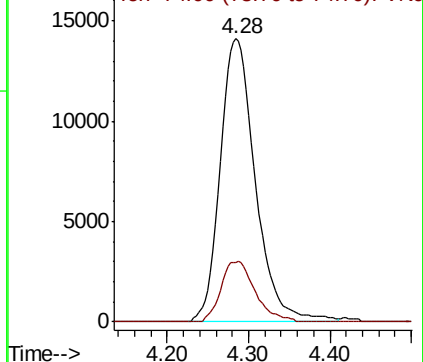
43 100

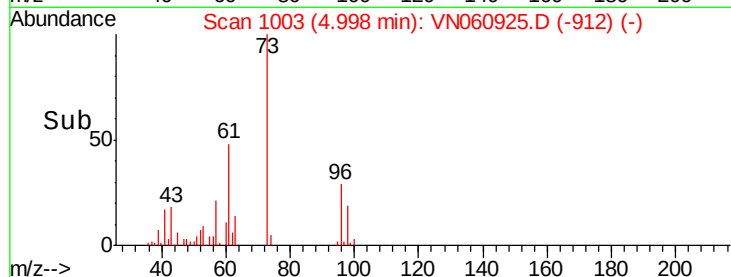
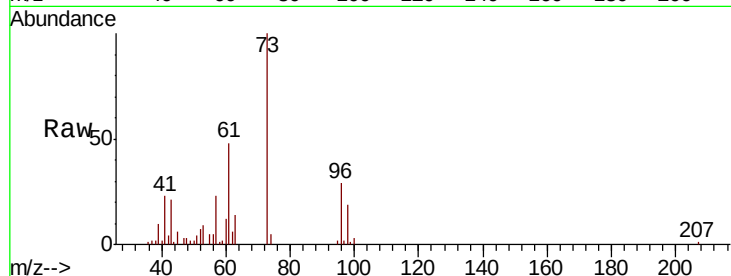
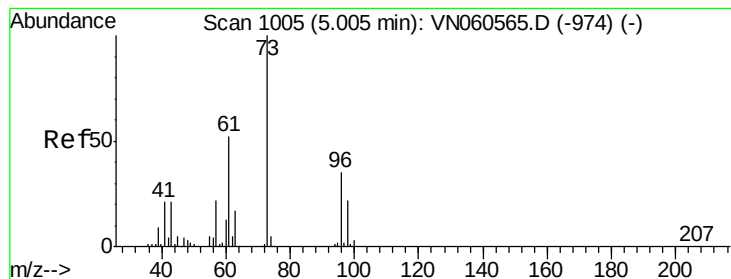
74 20.8 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#19

Methyl tert-butyl Ether

Concen: 19.037 ug/l

RT: 5.00 min Scan# 1003

Delta R.T. -0.01 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampled :

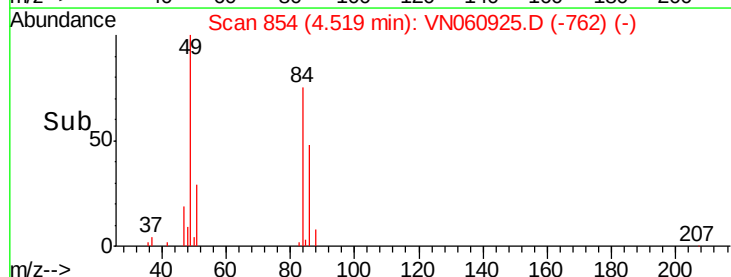
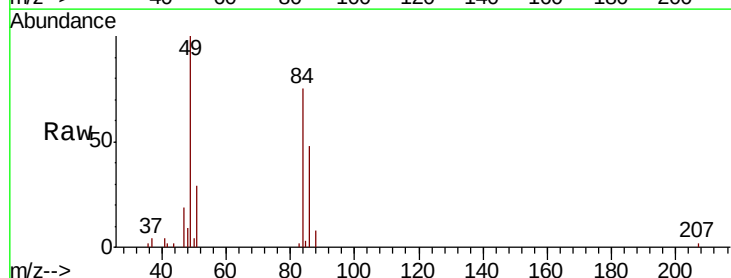
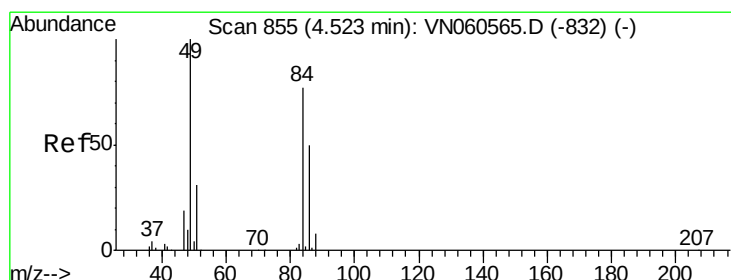
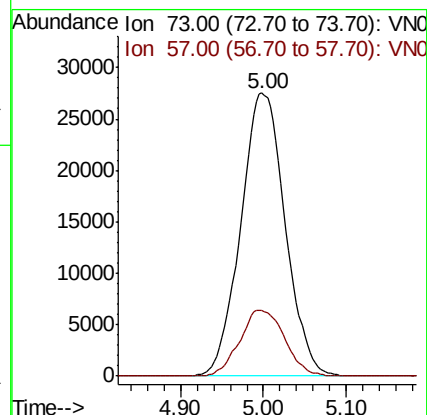
VN0414WBS01

Tot Ion: 73 Resp: 102388

Ion Ratio Lower Upper

73 100

57 23.3 17.5 26.3



#20

Methylene Chloride

Concen: 18.372 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Tgt Ion: 84 Resp: 31754

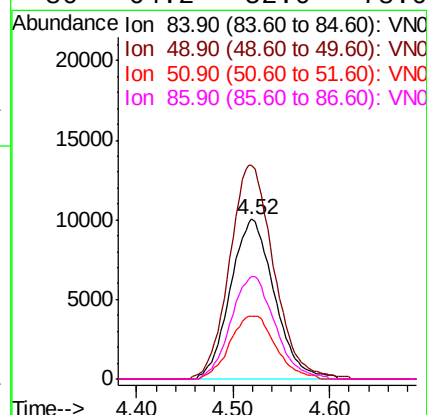
Ion Ratio Lower Upper

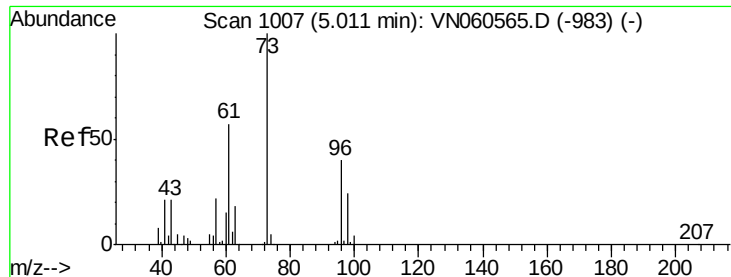
84 100

49 132.2 103.3 154.9

51 38.9 31.6 47.4

86 64.2 52.0 78.0

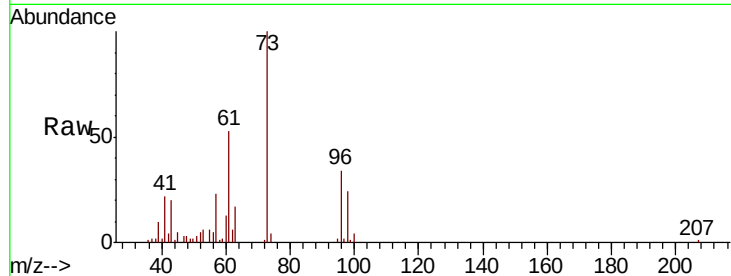




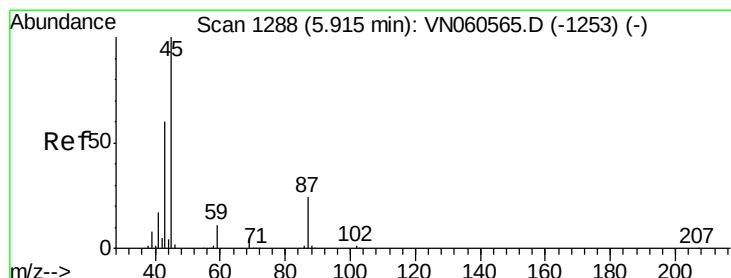
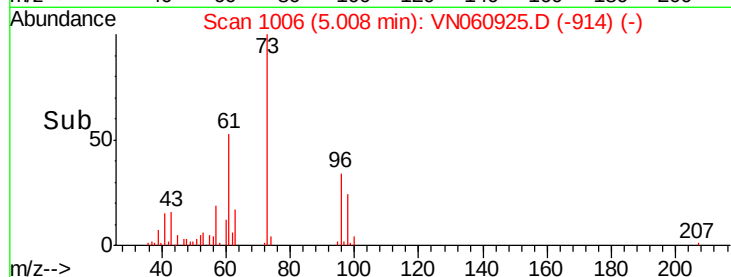
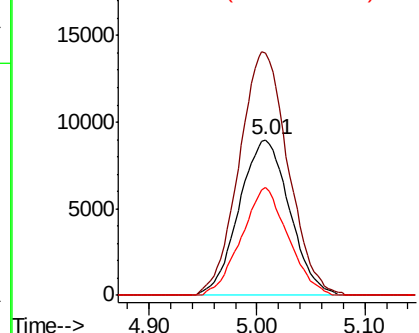
#21
trans-1,2-Dichloroethene
Concen: 17.491 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

Tot Ion: 96 Resp: 29163
Ion Ratio Lower Upper
96 100
61 155.5 114.4 171.6
98 69.2 48.4 72.6

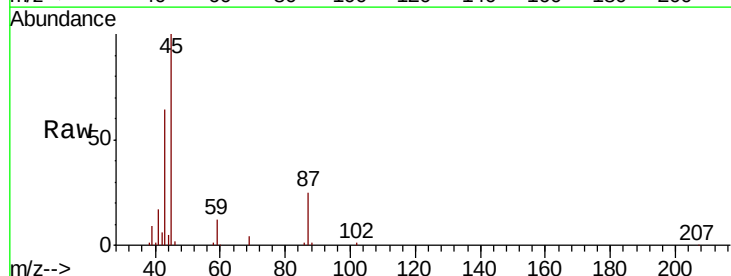


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

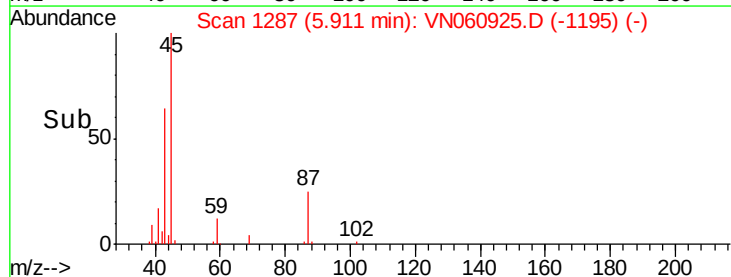
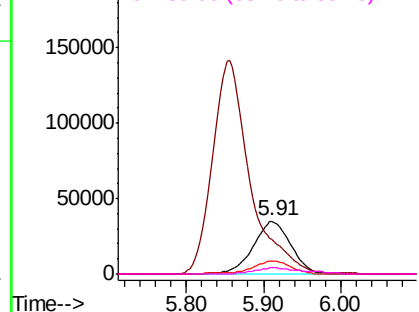


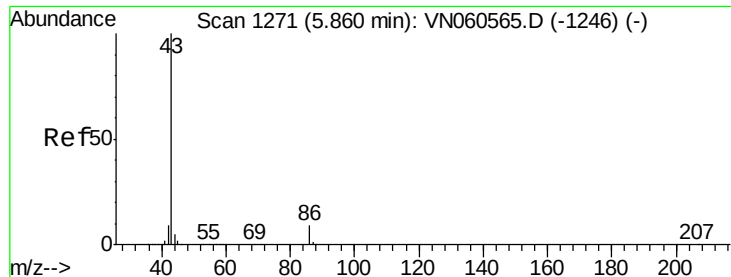
#22
Diisopropyl ether
Concen: 20.375 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

Tgt Ion: 45 Resp: 118435
Ion Ratio Lower Upper
45 100
43 62.3 49.8 74.8
87 25.1 20.1 30.1
59 12.0 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 101.167 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

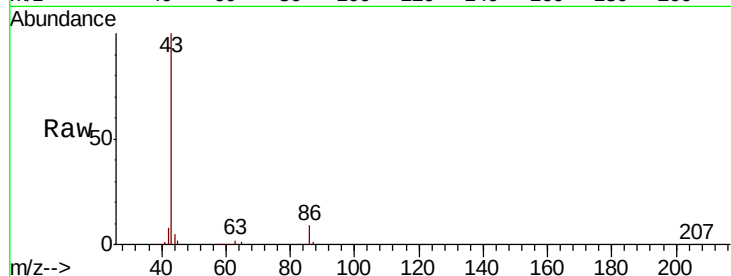
VN0414WBS01

Tot Ion: 43 Resp: 479816

Ion Ratio Lower Upper

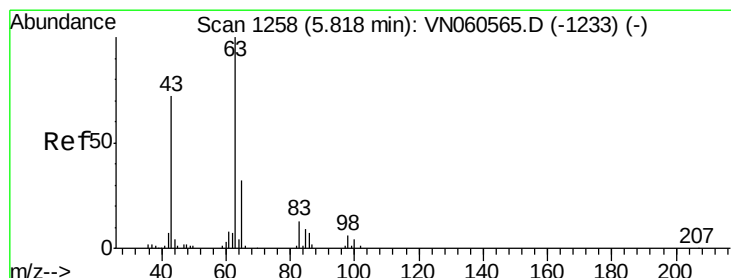
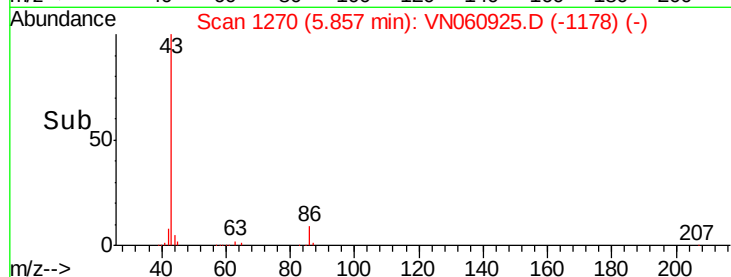
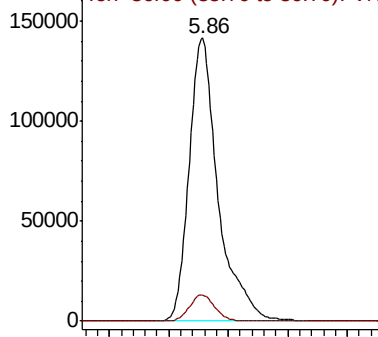
43 100

86 9.1 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.490 ug/l

RT: 5.81 min Scan# 1256

Delta R.T. -0.01 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

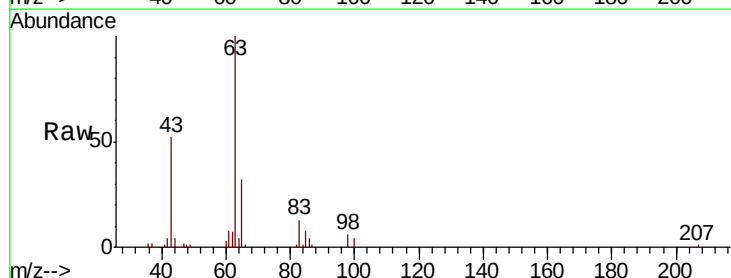
Tgt Ion: 63 Resp: 61760

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.7

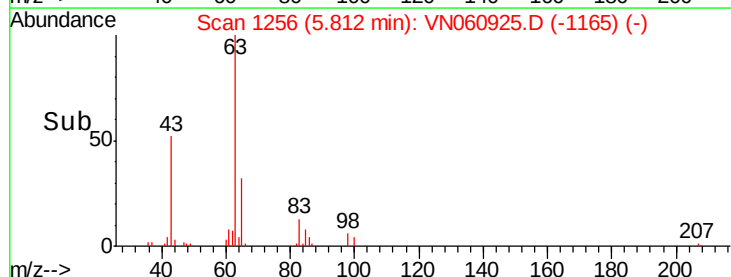
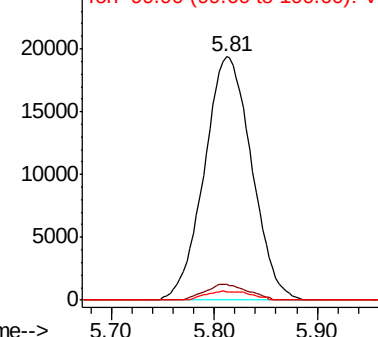
100 3.5 1.8 5.5

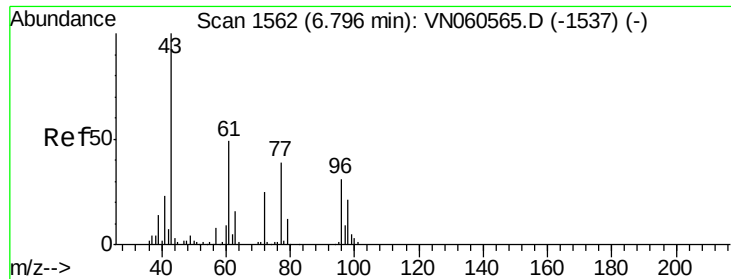


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

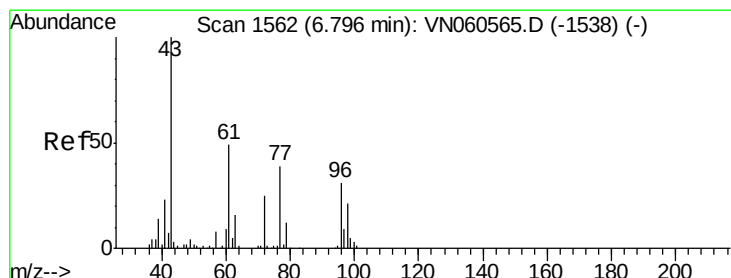
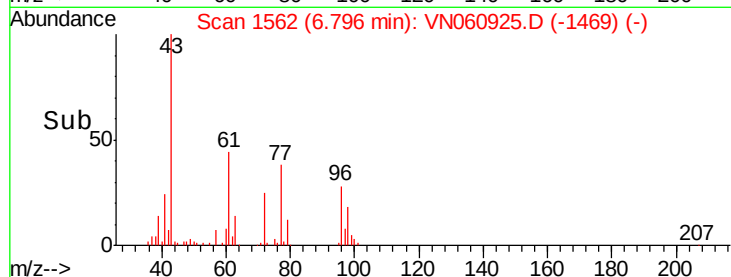
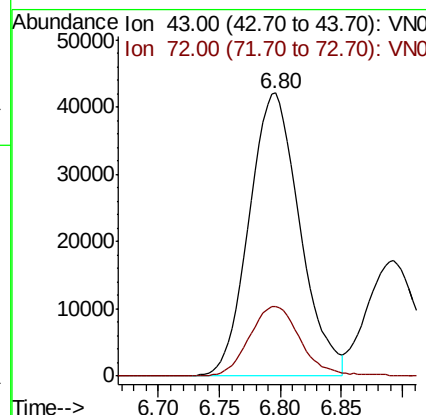
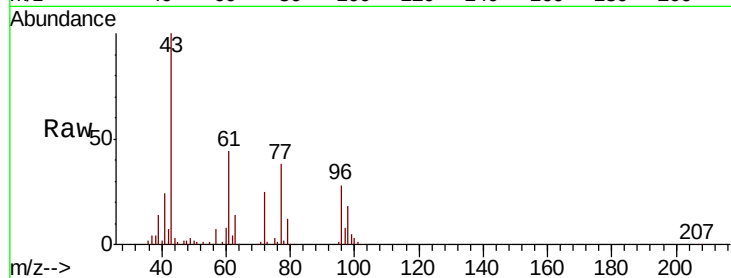




#25
2-Butanone
Concen: 106.861 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

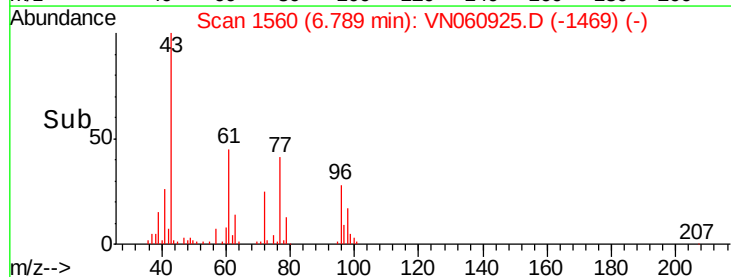
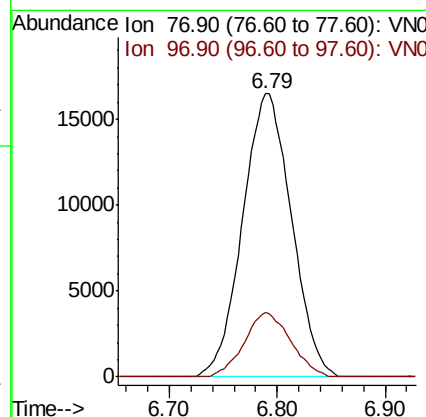
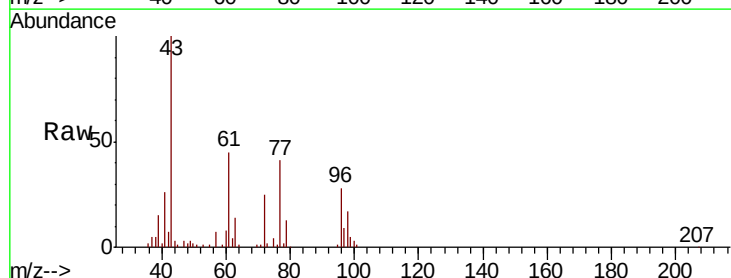
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

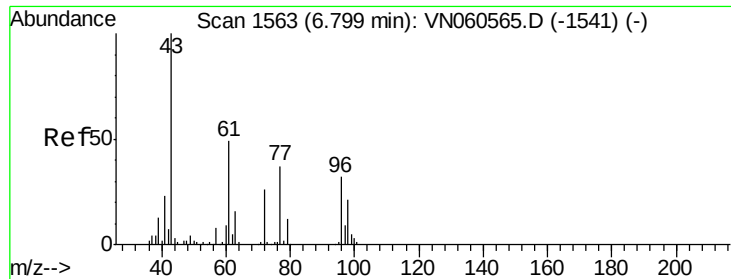
Tot Ion: 43 Resp: 121494
Ion Ratio Lower Upper
43 100
72 24.6 20.4 30.6



#26
2,2-Dichloropropane
Concen: 20.791 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.01 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

Tgt Ion: 77 Resp: 51836
Ion Ratio Lower Upper
77 100
97 21.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.600 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

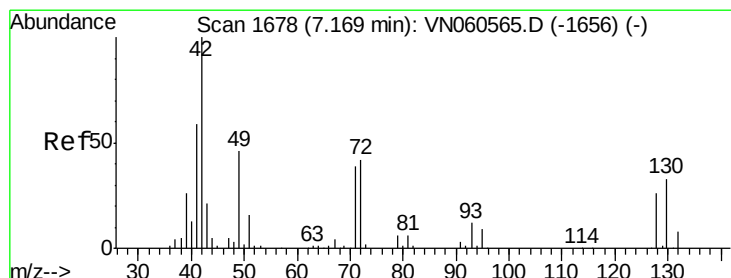
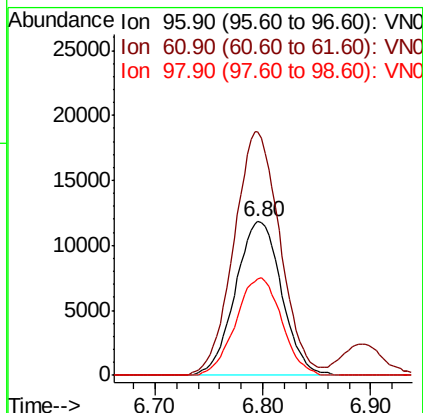
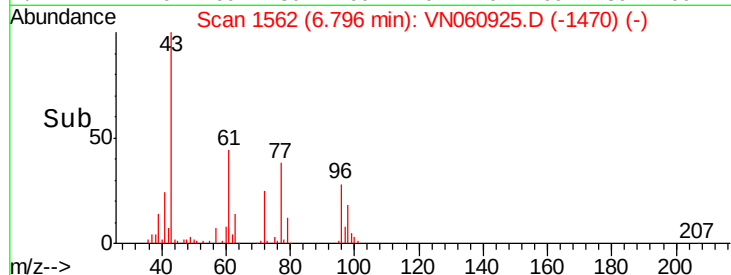
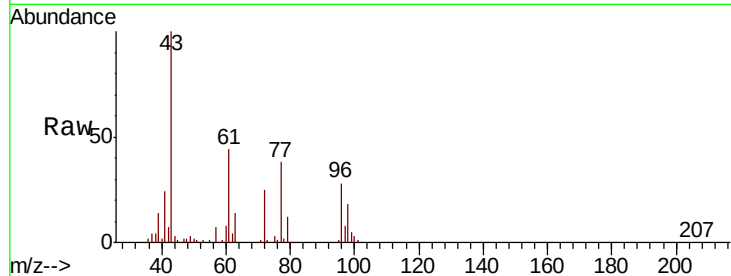
Tot Ion: 96 Resp: 35241

Ion Ratio Lower Upper

96 100

61 158.1 0.0 305.6

98 62.8 0.0 127.6



#28

Bromochloromethane

Concen: 20.827 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

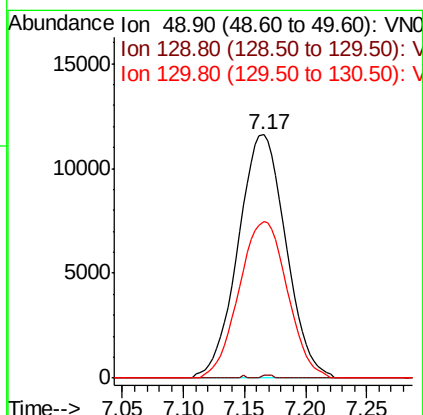
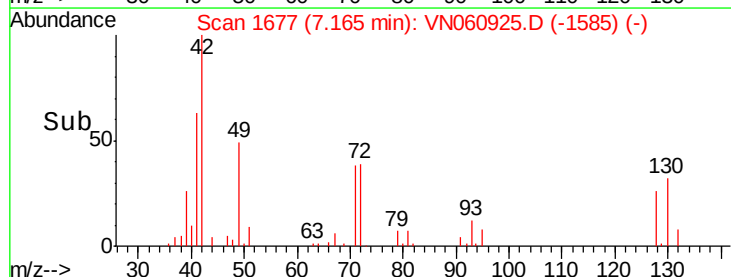
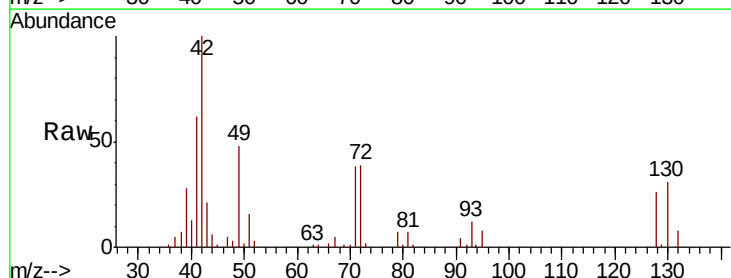
Tgt Ion: 49 Resp: 31577

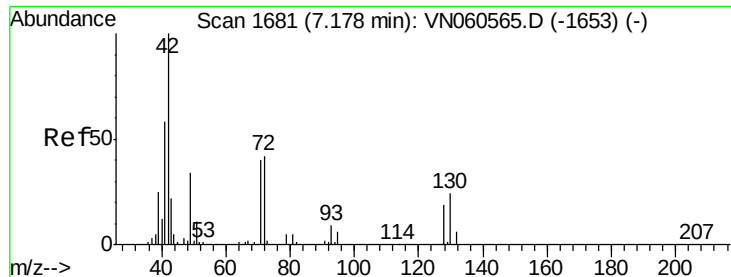
Ion Ratio Lower Upper

49 100

129 0.3 0.0 3.4

130 64.9 55.0 82.4

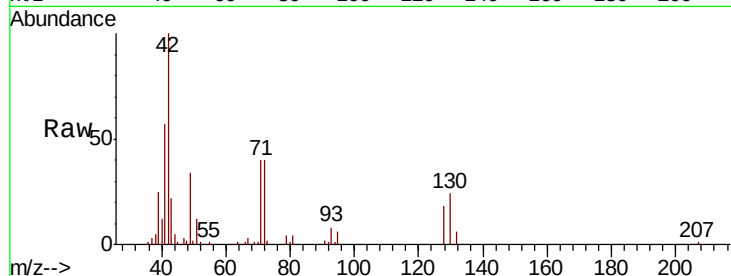




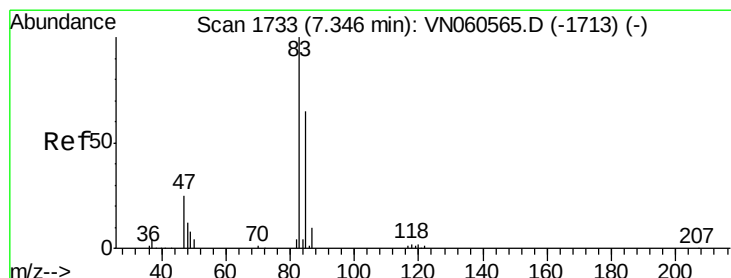
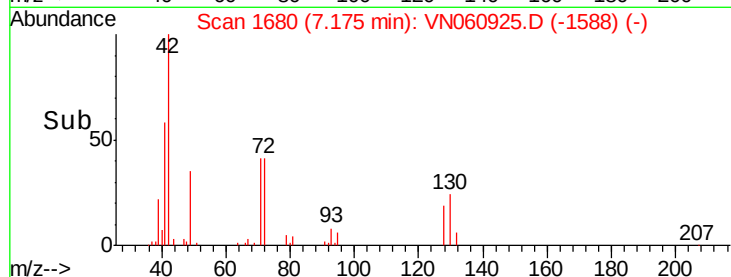
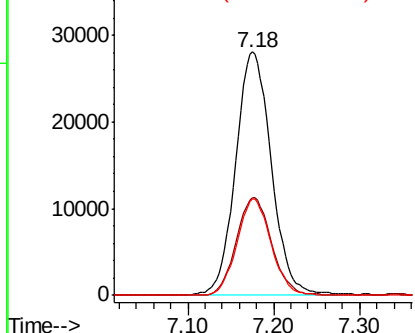
#29
Tetrahydrofuran
Concen: 100.749 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

Instrument :
MSVOA_N
ClientSampled :
VN0414WBS01

Tot Ion: 42 Resp: 81045
Ion Ratio Lower Upper
42 100
72 39.6 33.2 49.8
71 37.7 31.1 46.7

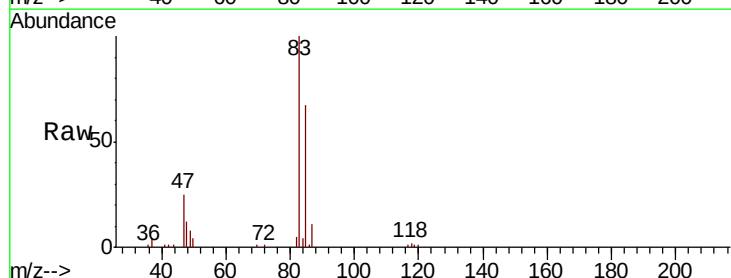


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

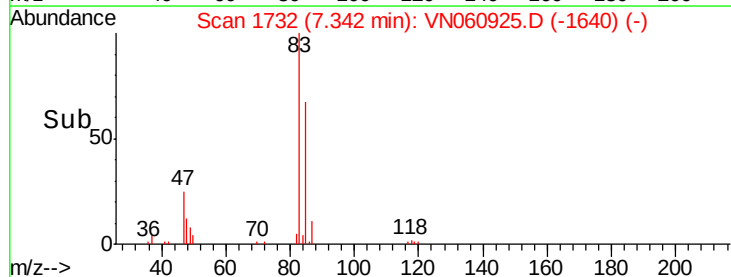
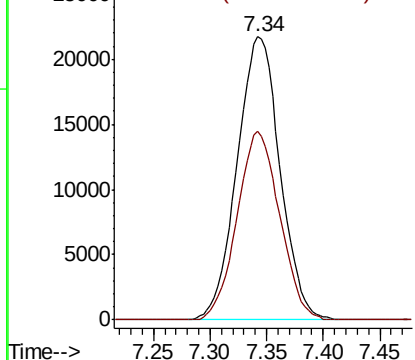


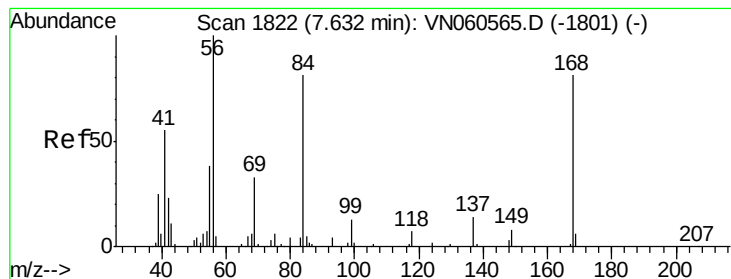
#30
Chloroform
Concen: 18.898 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

Tgt Ion: 83 Resp: 57411
Ion Ratio Lower Upper
83 100
85 66.6 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: 17.703 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

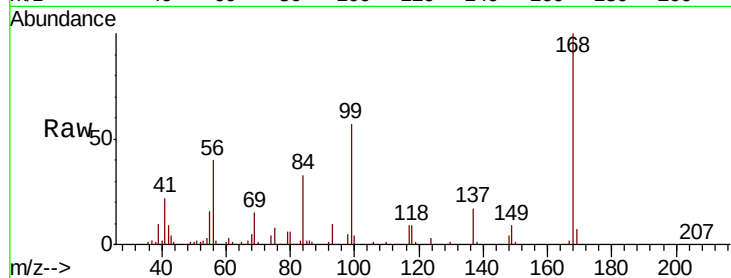
Tot Ion: 56 Resp: 56554

Ion Ratio Lower Upper

56 100

69 38.7 26.6 40.0

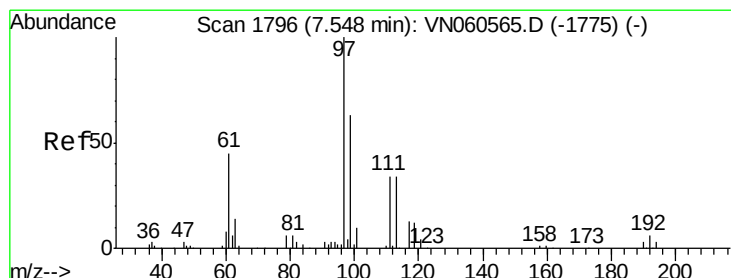
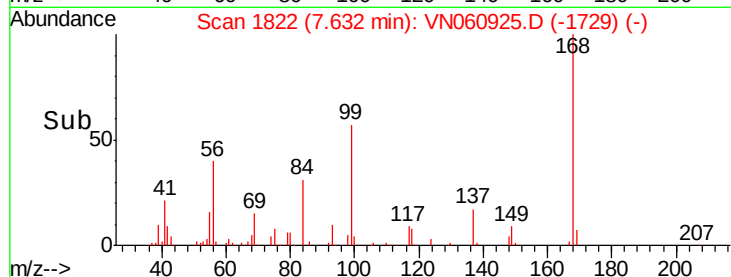
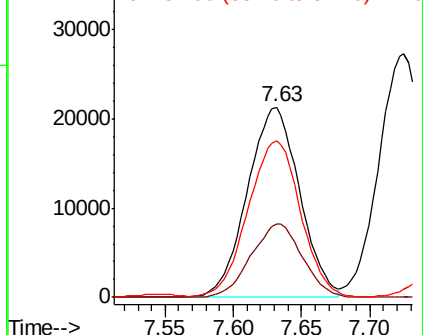
84 82.0 64.3 96.5



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: 18.549 ug/l

RT: 7.54 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

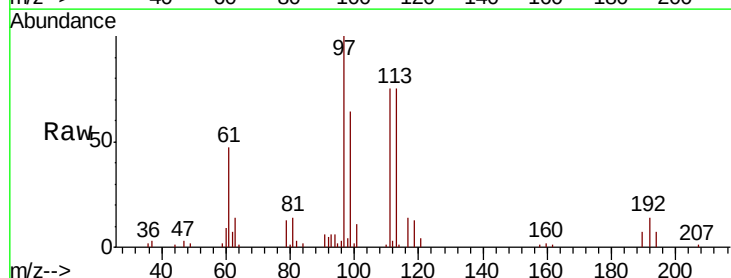
Tgt Ion: 97 Resp: 48576

Ion Ratio Lower Upper

97 100

99 64.3 50.6 75.8

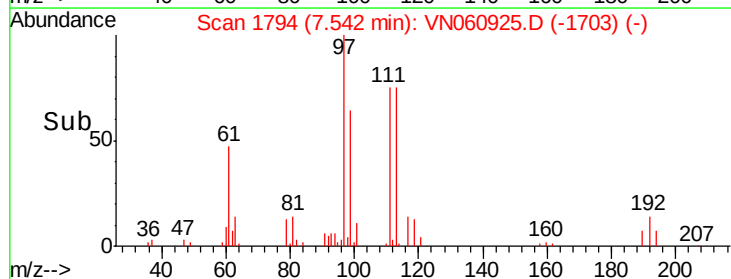
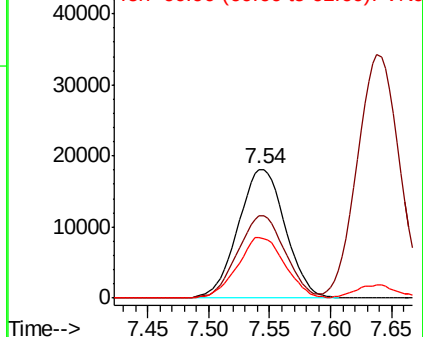
61 46.9 36.2 54.4

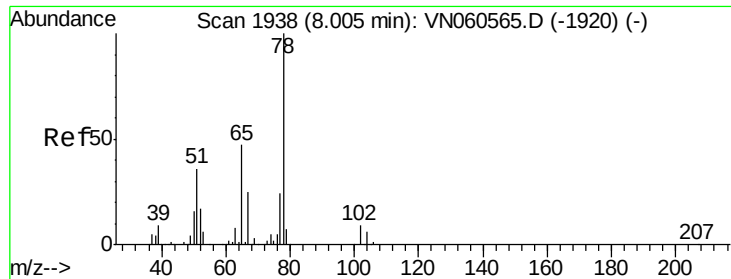


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

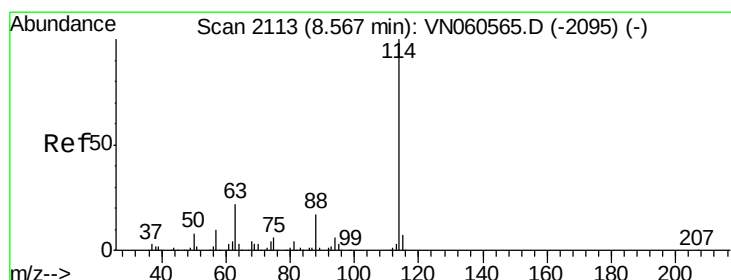
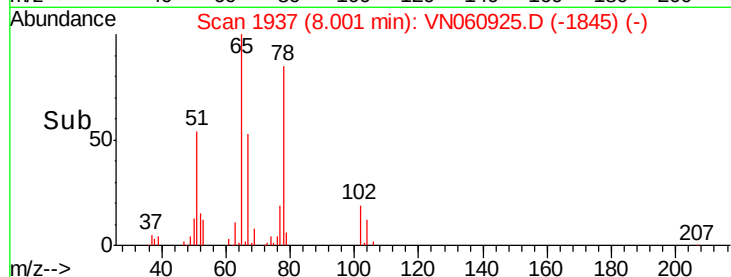
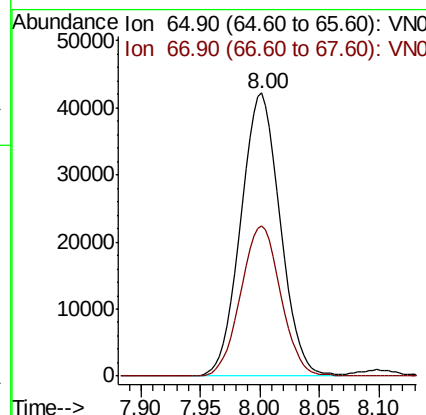
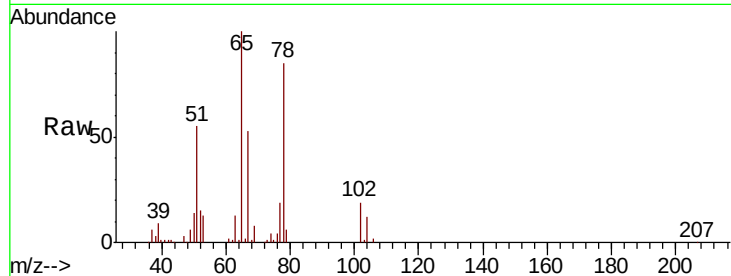




#33
 1,2-Dichloroethane-d4
 Concen: 48.915 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060925.D
 Acq: 14 Apr 2020 11:27

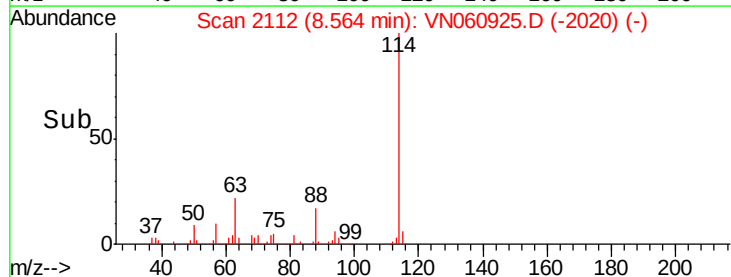
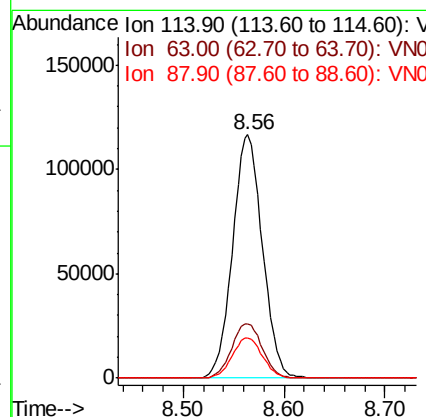
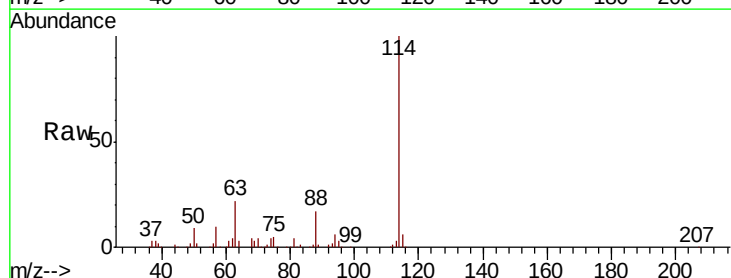
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBS01

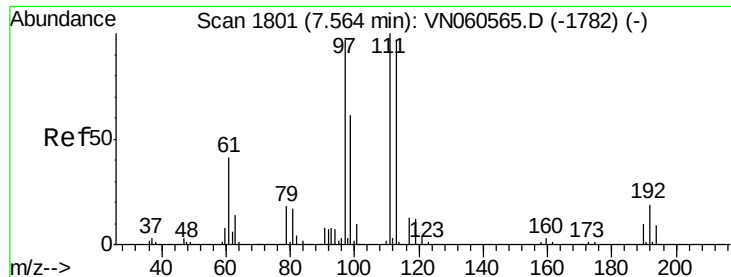
Tot Ion: 65 Resp: 97023
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060925.D
 Acq: 14 Apr 2020 11:27

Tgt Ion: 114 Resp: 240120
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.8
 88 16.6 0.0 33.0

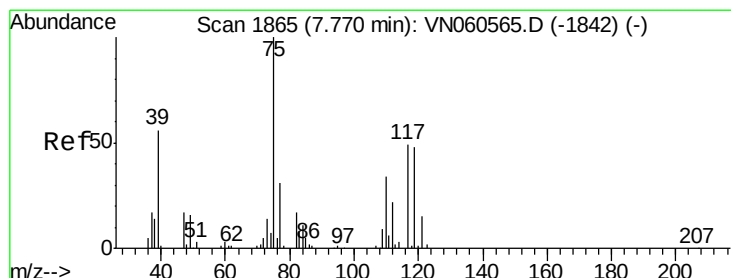
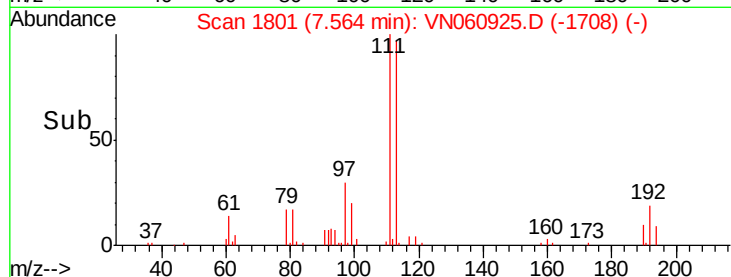
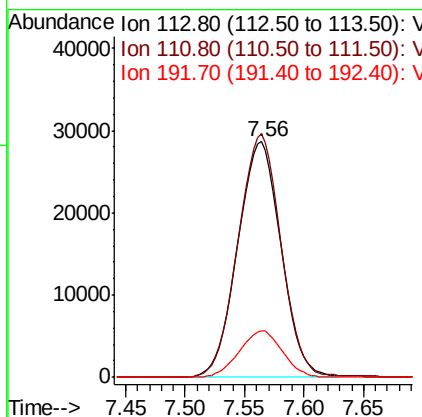
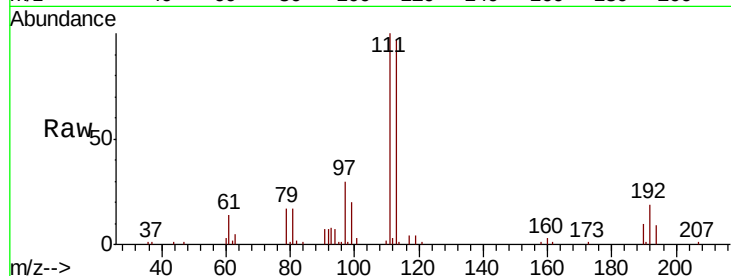




#35
 Dibromofluoromethane
 Concen: 49.856 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060925.D
 Acq: 14 Apr 2020 11:27

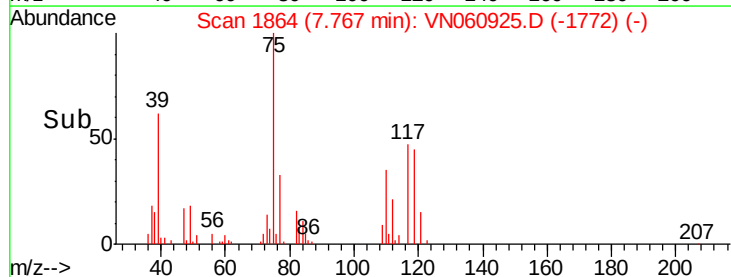
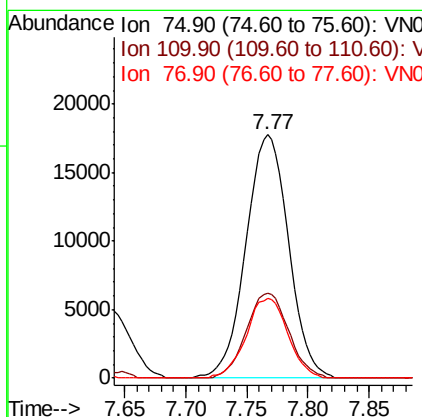
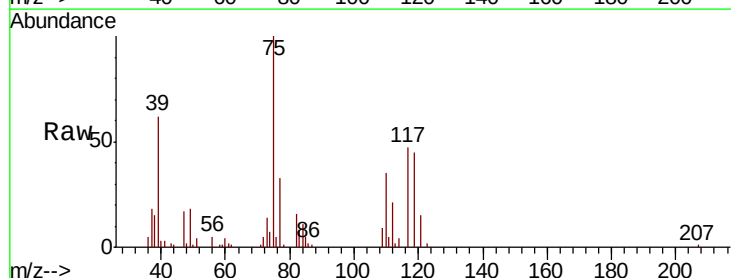
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBS01

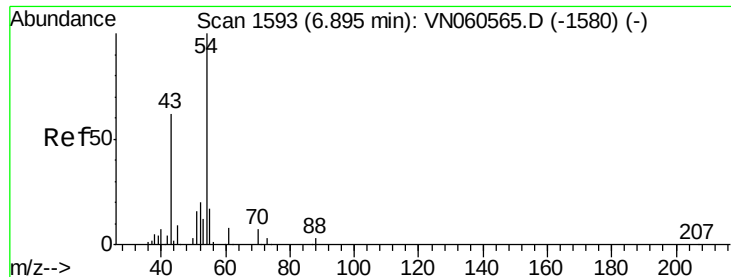
Tot Ion:113 Resp: 72387
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 19.7 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 18.489 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060925.D
 Acq: 14 Apr 2020 11:27

Tgt Ion: 75 Resp: 42988
 Ion Ratio Lower Upper
 75 100
 110 34.6 16.9 50.6
 77 32.0 24.6 36.8

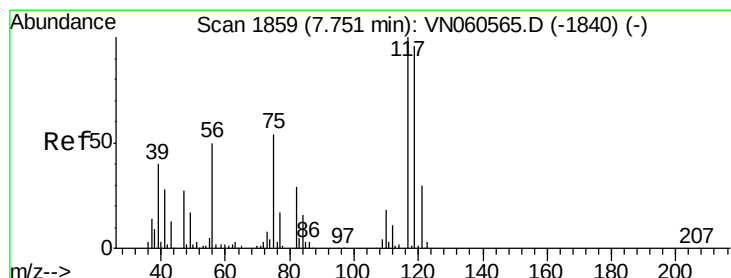
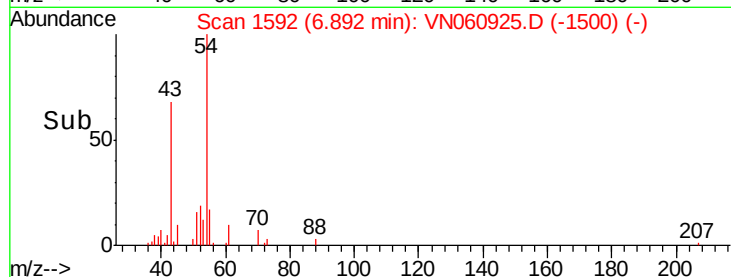
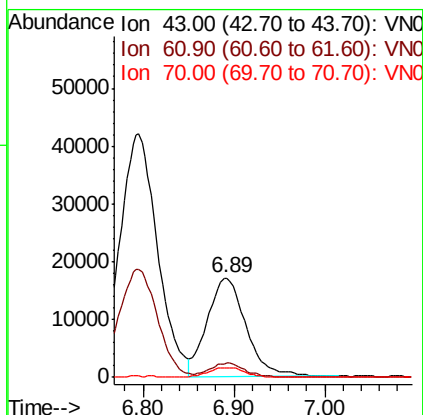
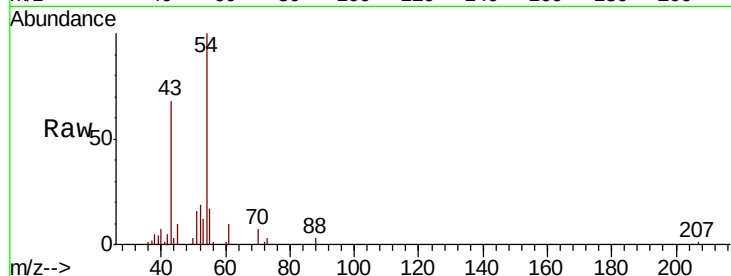




#37
Ethyl Acetate
Concen: 20.158 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

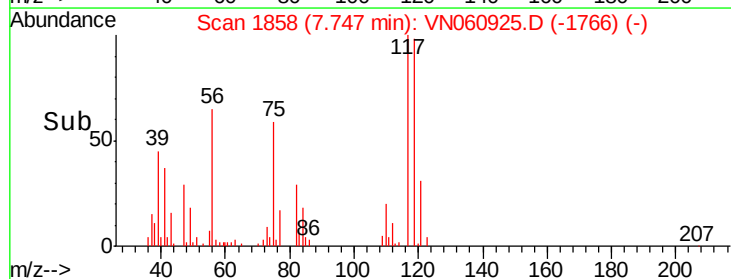
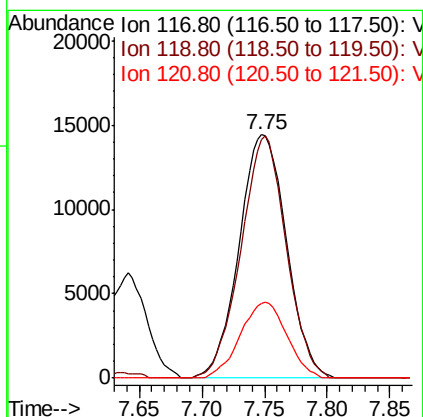
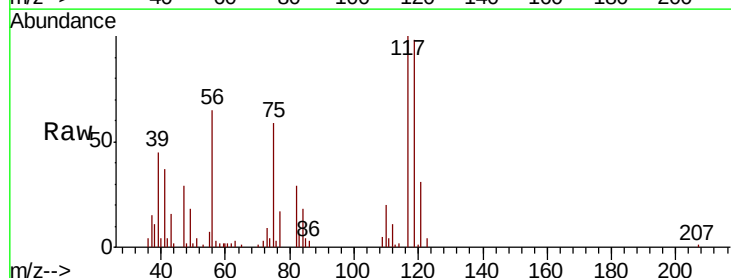
Instrument :
MSVOA_N
ClientSampled :
VN0414WBS01

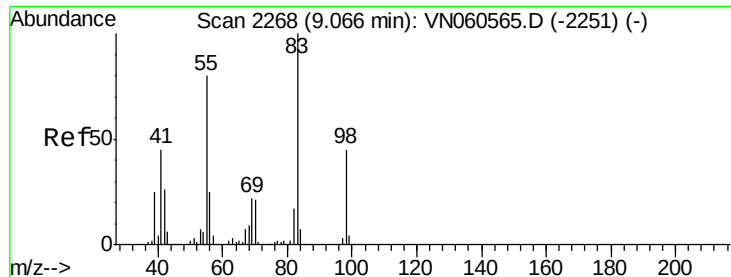
Tot Ion: 43 Resp: 50643
Ion Ratio Lower Upper
43 100
61 13.2 10.6 15.8
70 9.3 7.9 11.9



#38
Carbon Tetrachloride
Concen: 18.157 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

Tgt Ion: 117 Resp: 37837
Ion Ratio Lower Upper
117 100
119 98.1 76.2 114.2
121 30.8 23.7 35.5

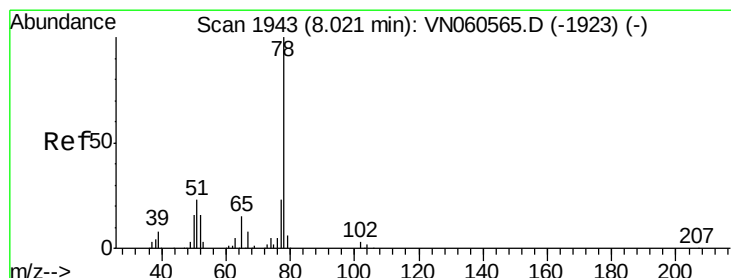
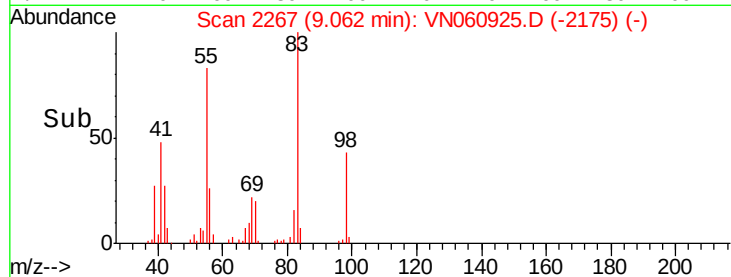
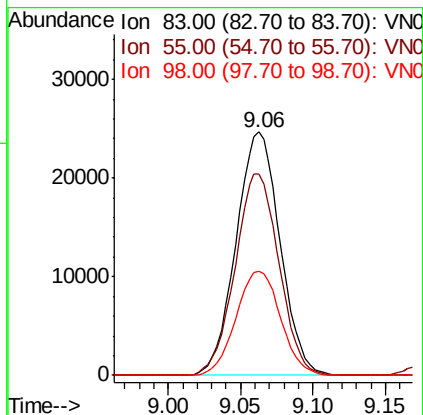
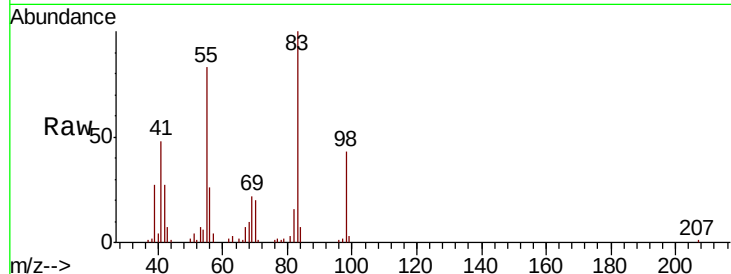




#39
Methylvlcyclohexane
Concen: 18.773 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

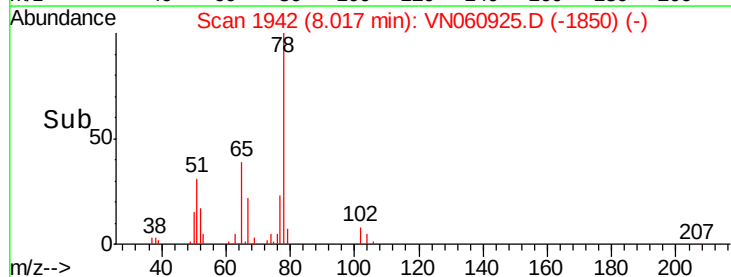
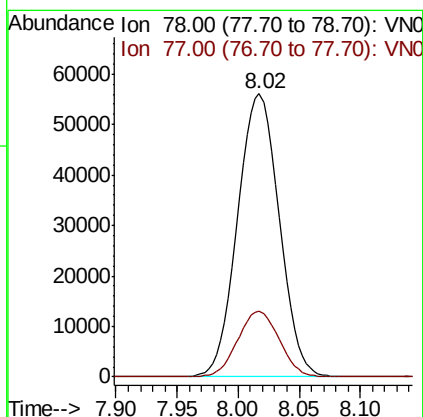
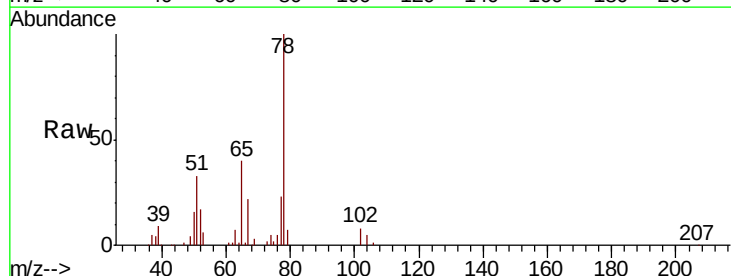
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

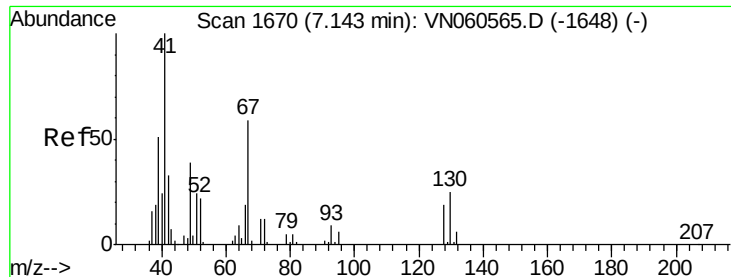
Tot Ion: 83 Resp: 51873
Ion Ratio Lower Upper
83 100
55 82.7 63.6 95.4
98 42.9 36.0 54.0



#40
Benzene
Concen: 18.916 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

Tgt Ion: 78 Resp: 132770
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0

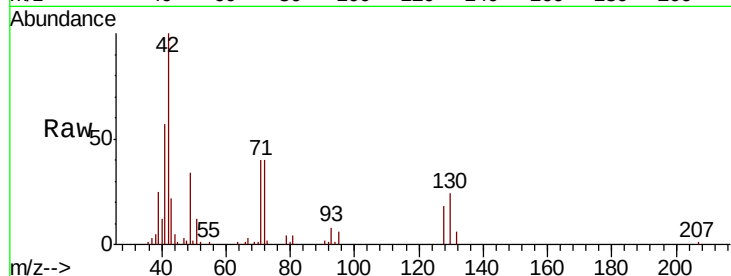




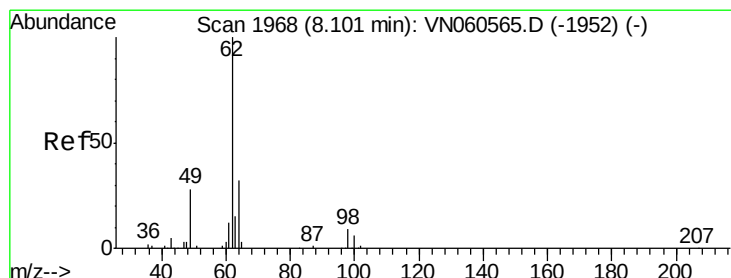
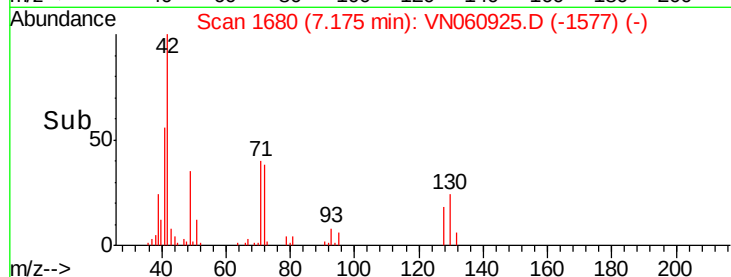
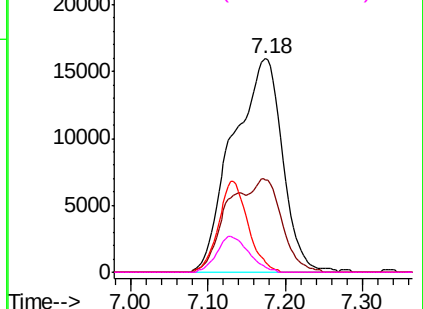
#41
Methacrylonitrile
Concen: 66.736 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

Tot Ion:	41	Resp:	71554
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

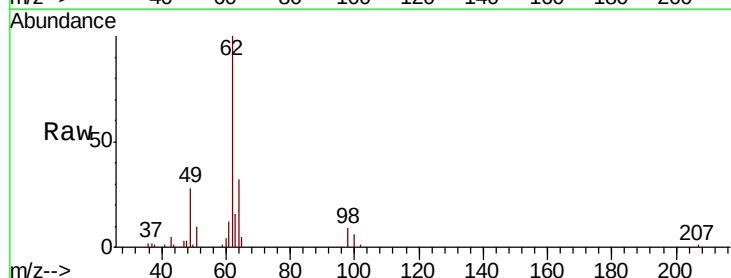


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

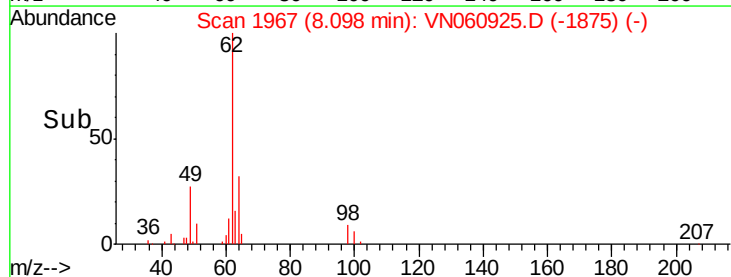
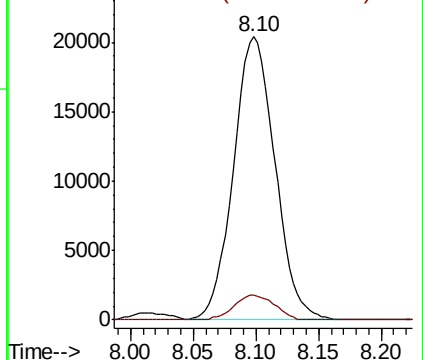


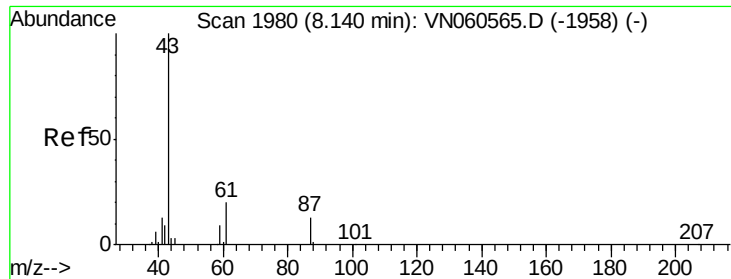
#42
1,2-Dichloroethane
Concen: 19.603 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

Tgt Ion:	62	Resp:	47022
Ion	Ratio	Lower	Upper
62	100		
98	8.5	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: 20.159 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

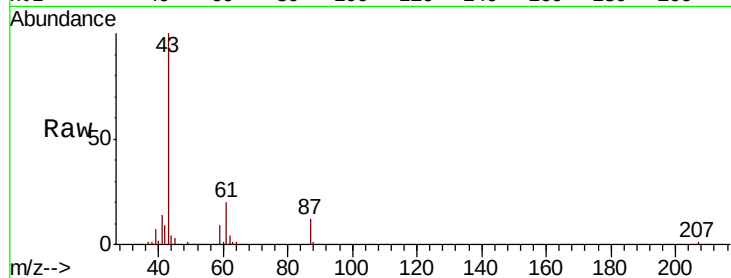
Tot Ion: 43 Resp: 83525

Ion Ratio Lower Upper

43 100

61 24.9 20.7 31.1

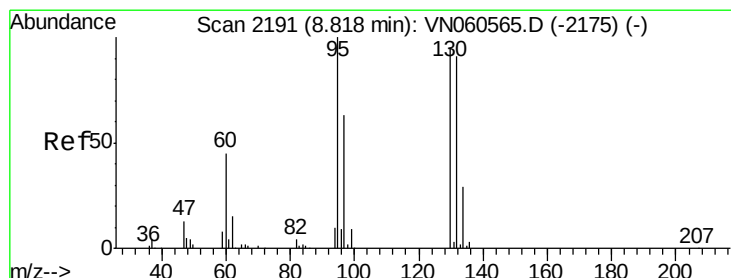
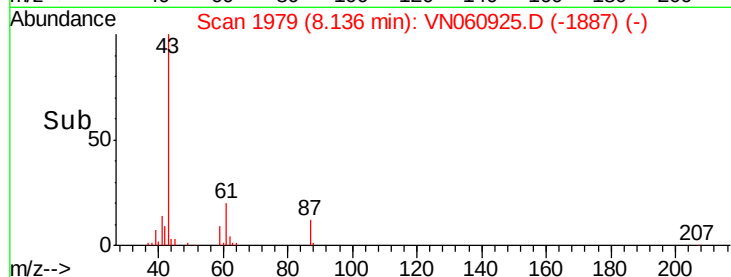
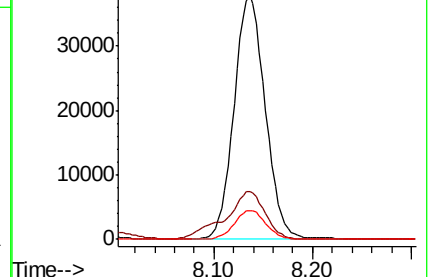
87 11.8 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060925.D (-1979) (-)

Ion 61.00 (60.70 to 61.70): VN060925.D (-1979) (-)

Ion 87.00 (86.70 to 87.70): VN060925.D (-1979) (-)



#44

Trichloroethene

Concen: 18.364 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060925.D

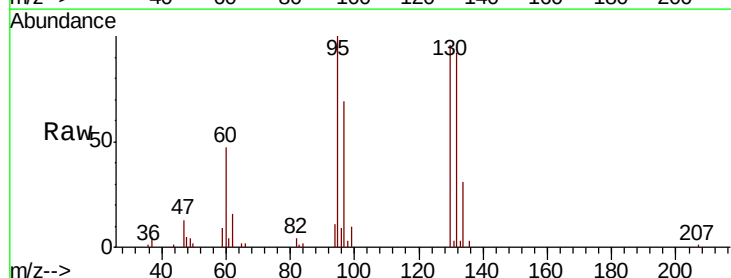
Acq: 14 Apr 2020 11:27

Tgt Ion:130 Resp: 32493

Ion Ratio Lower Upper

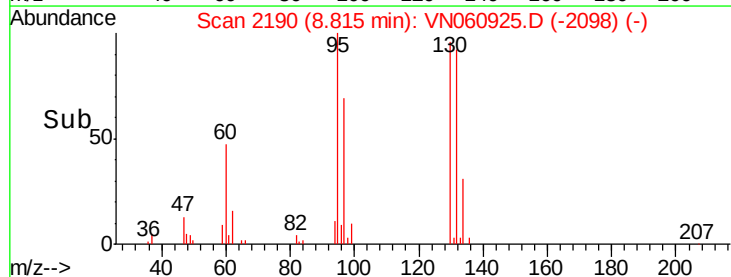
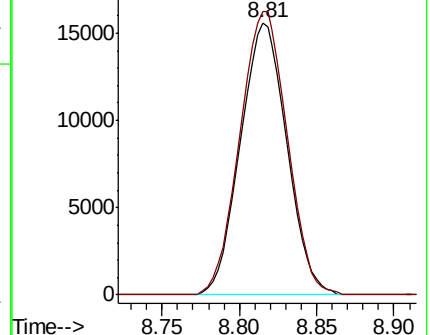
130 100

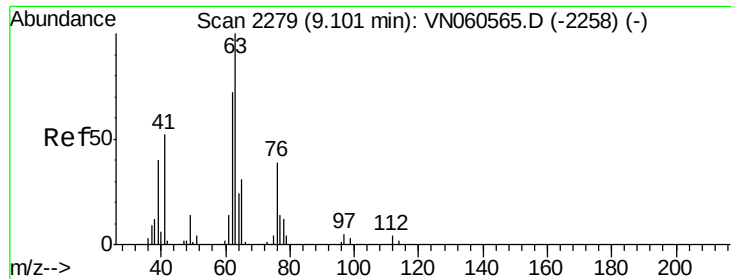
95 104.0 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN060925.D (-2190) (-)

Ion 94.90 (94.60 to 95.60): VN060925.D (-2190) (-)





#45

1,2-Dichloropropane

Concen: 19.789 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

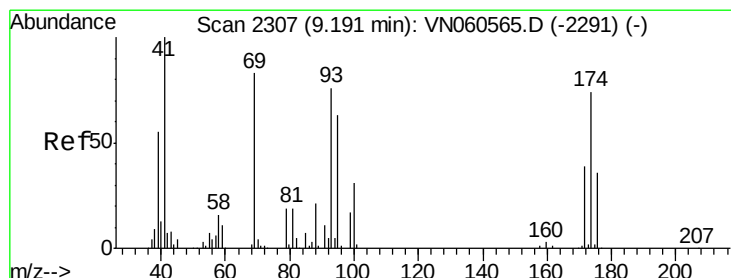
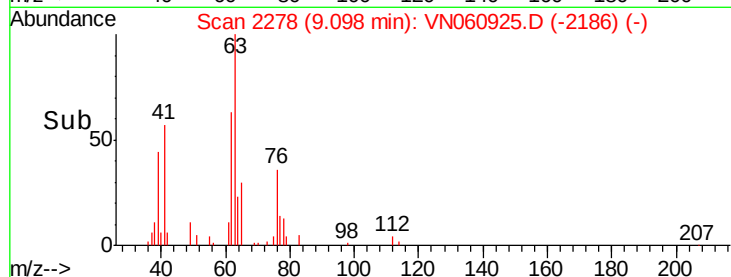
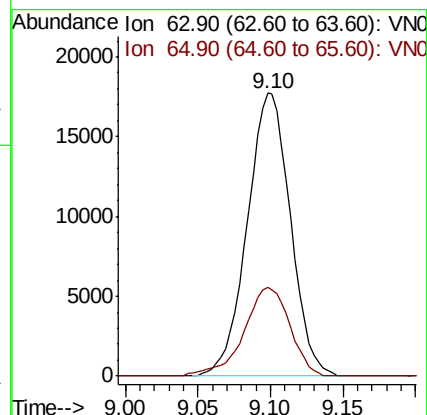
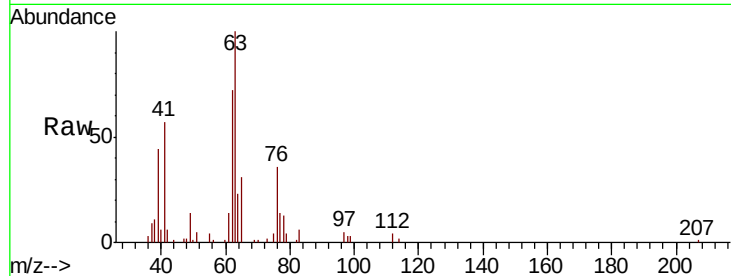
VN0414WBS01

Tot Ion: 63 Resp: 36651

Ion Ratio Lower Upper

63 100

65 31.2 25.4 38.0



#46

Dibromomethane

Concen: 19.184 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

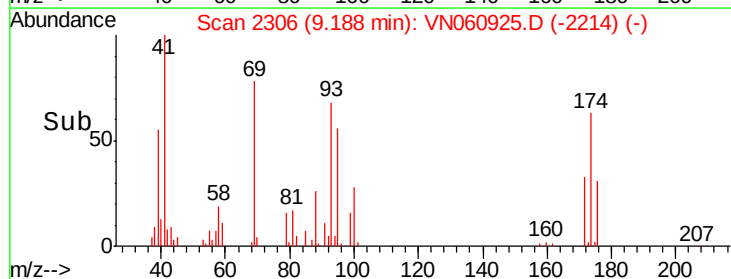
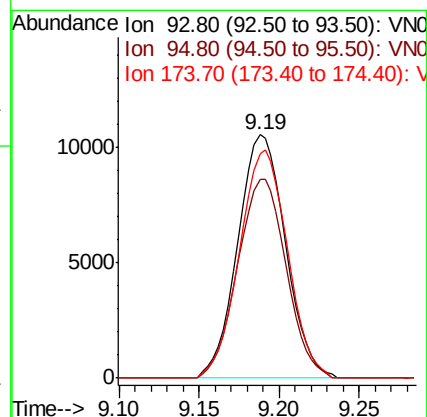
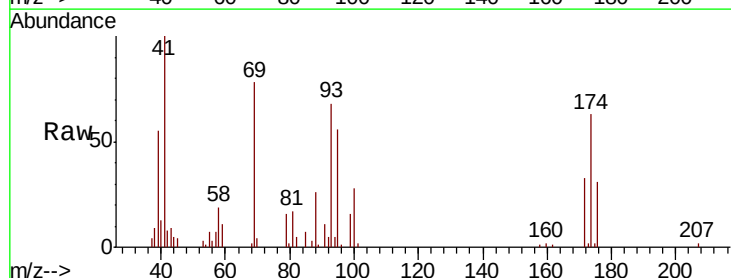
Tgt Ion: 93 Resp: 21480

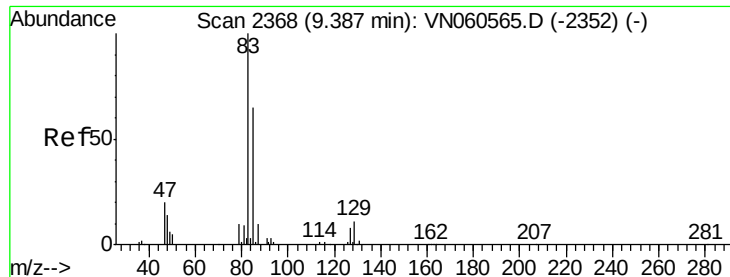
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 94.1 77.9 116.9





#47

Bromodichloromethane

Concen: 19.556 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

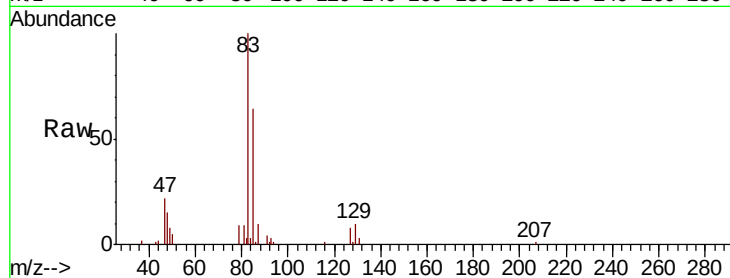
Tot Ion: 83 Resp: 45502

Ion Ratio Lower Upper

83 100

85 63.5 51.8 77.6

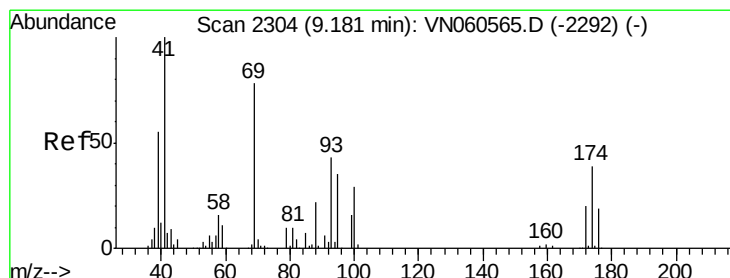
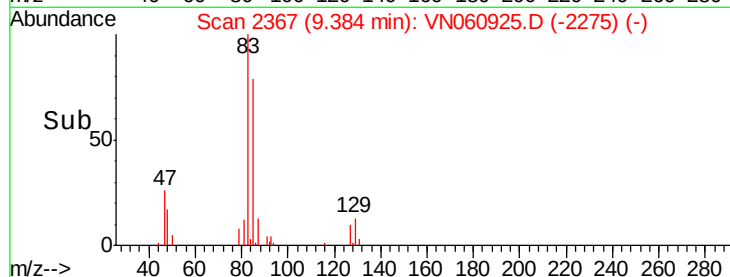
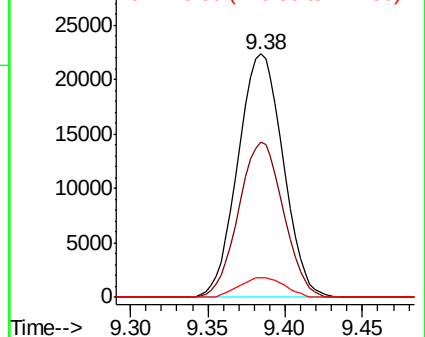
127 8.2 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060925.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060925.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060925.D (-2275) (-)



#48

Methyl methacrylate

Concen: 19.423 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

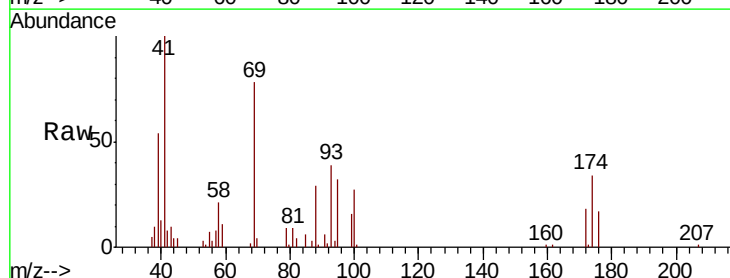
Tgt Ion: 41 Resp: 35830

Ion Ratio Lower Upper

41 100

69 79.4 65.4 98.0

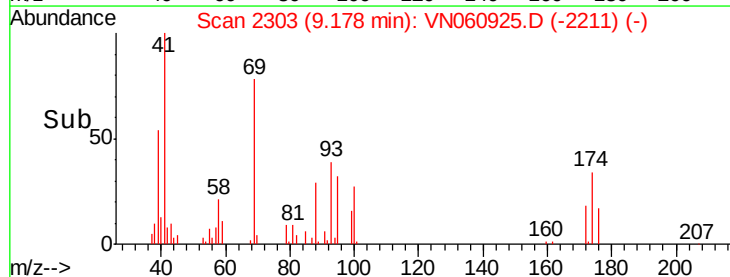
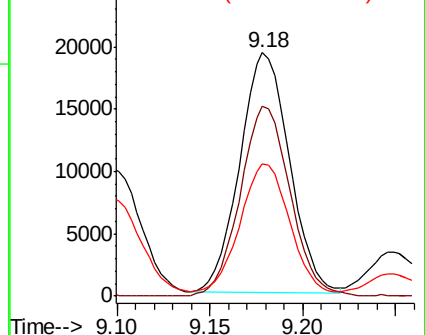
39 56.3 44.0 66.0

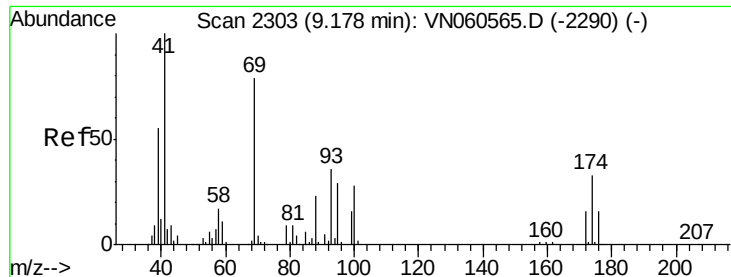


Abundance Ion 41.00 (40.70 to 41.70): VN060925.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060925.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060925.D (-2211) (-)

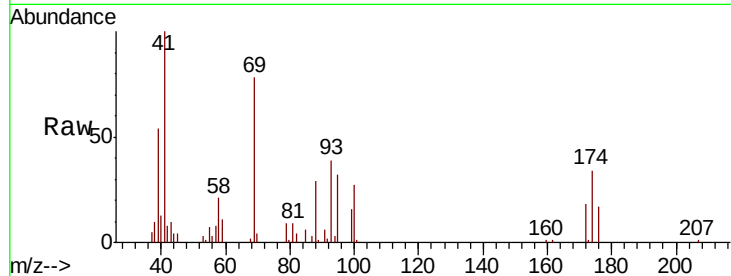




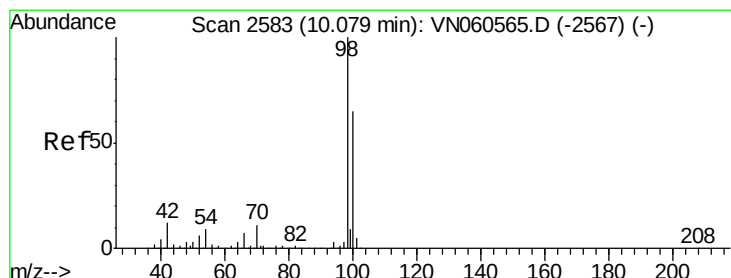
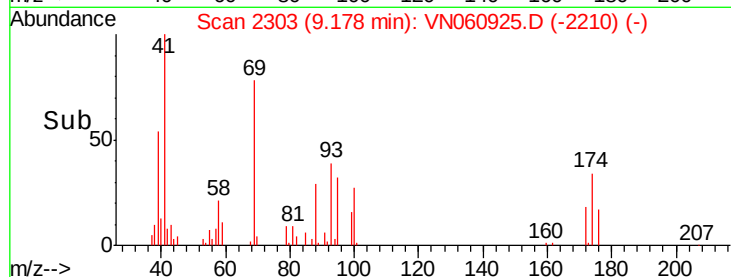
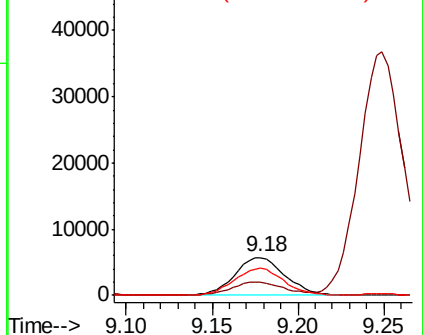
#49
 1,4-Dioxane
 Concen: 522.697 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN060925.D
 Acq: 14 Apr 2020 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBS01

Tot Ion: 88 Resp: 11461
 Ion Ratio Lower Upper
 88 100
 43 36.4 30.8 46.2
 58 70.2 59.8 89.8

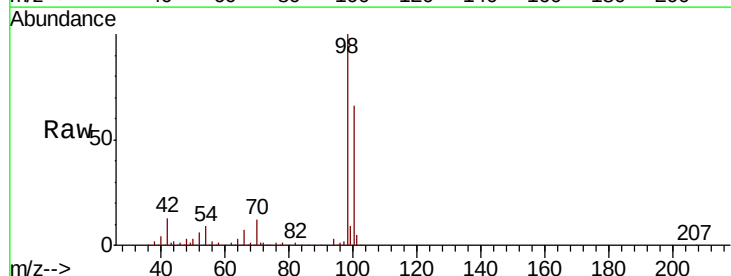


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

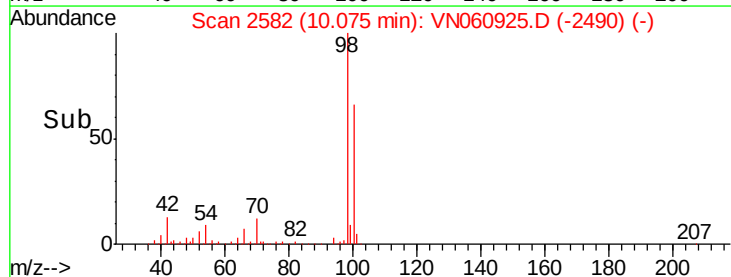
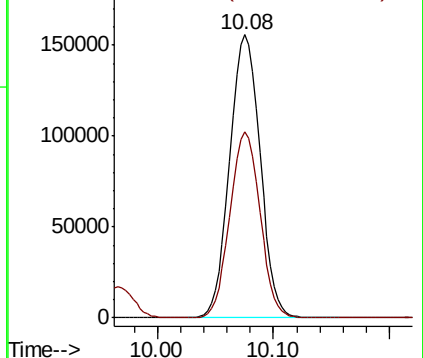


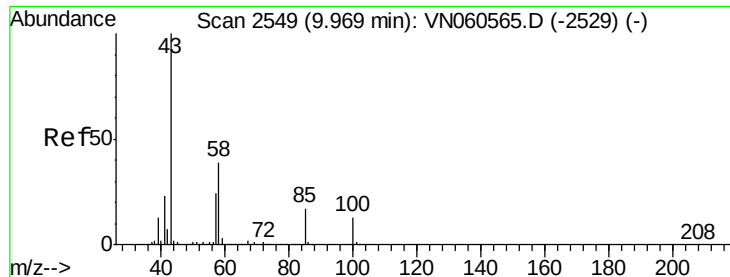
#50
 Toluene-d8
 Concen: 47.827 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060925.D
 Acq: 14 Apr 2020 11:27

Tgt Ion: 98 Resp: 283640
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.8 77.8



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

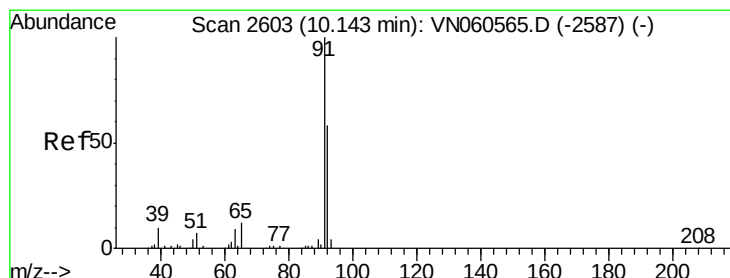
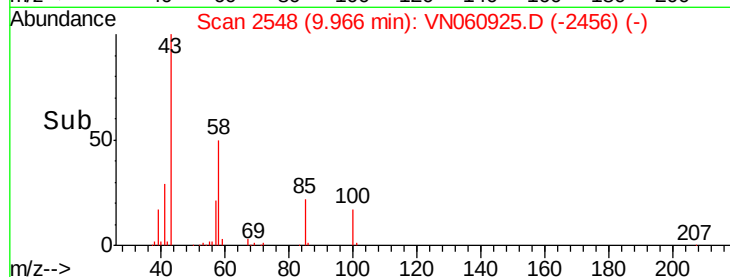
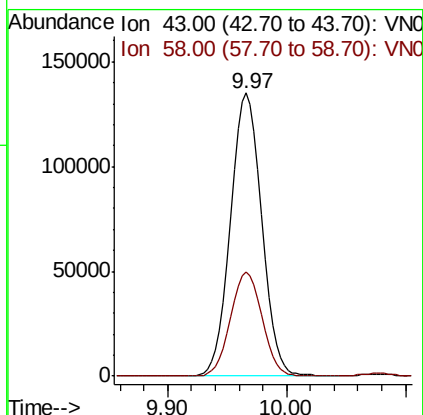
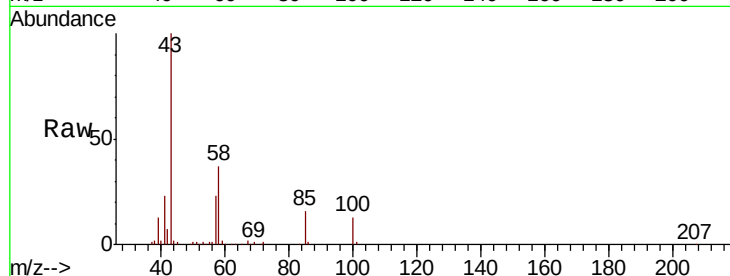




#51
 4-Methyl-2-Pentanone
 Concen: 104.244 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060925.D
 Acq: 14 Apr 2020 11:27

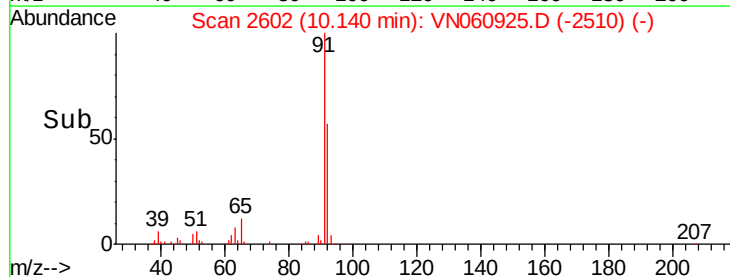
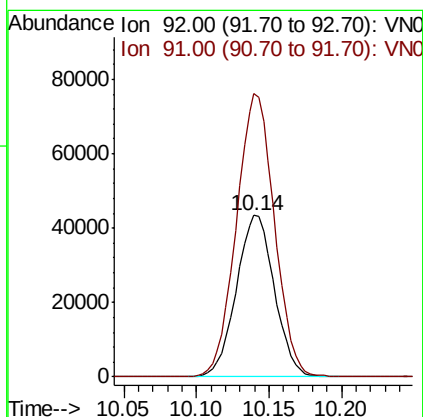
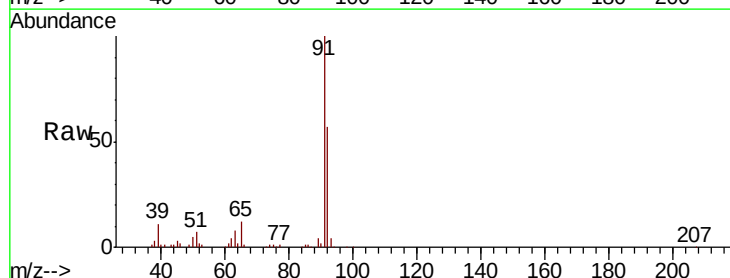
Instrument :
 MSVOA_N
 ClientSampled :
 VN0414WBS01

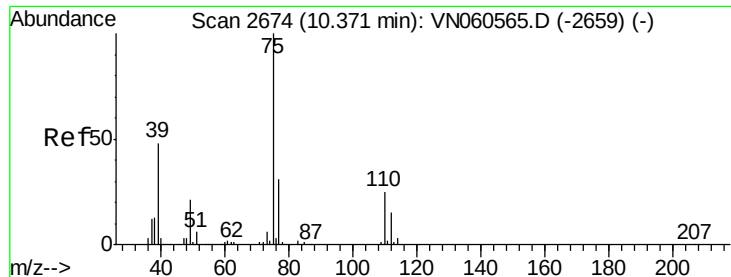
Tot Ion: 43 Resp: 245778
 Ion Ratio Lower Upper
 43 100
 58 37.2 30.8 46.2



#52
 Toluene
 Concen: 18.669 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN060925.D
 Acq: 14 Apr 2020 11:27

Tgt Ion: 92 Resp: 79138
 Ion Ratio Lower Upper
 92 100
 91 175.2 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.612 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampled :

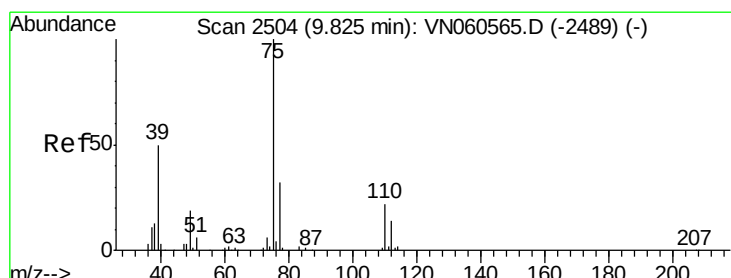
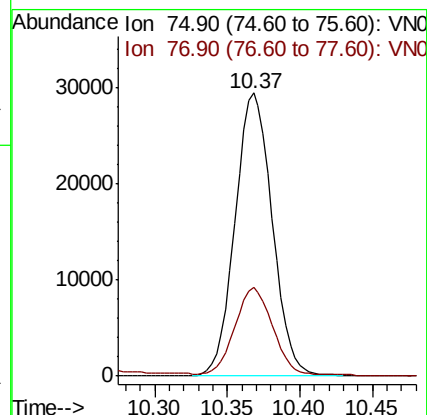
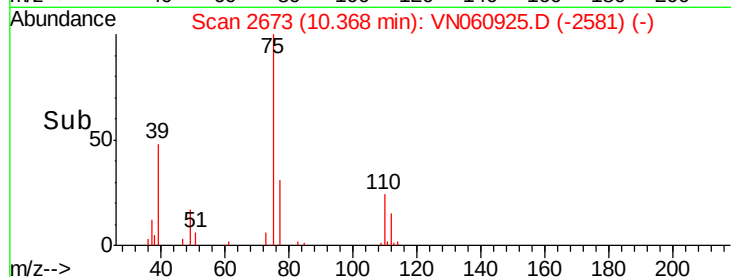
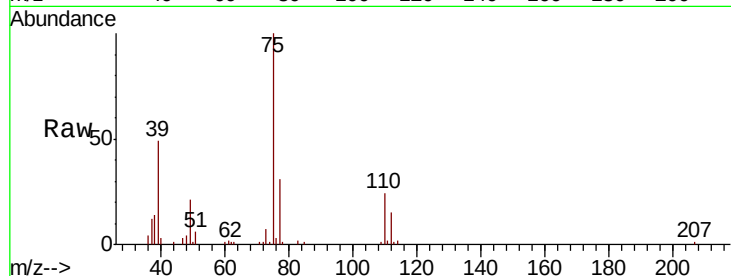
VN0414WBS01

Tot Ion: 75 Resp: 52416

Ion Ratio Lower Upper

75 100

77 30.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.440 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

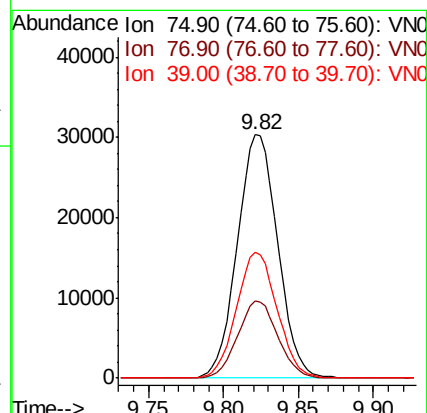
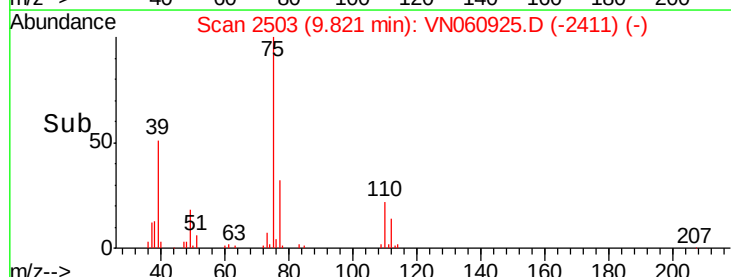
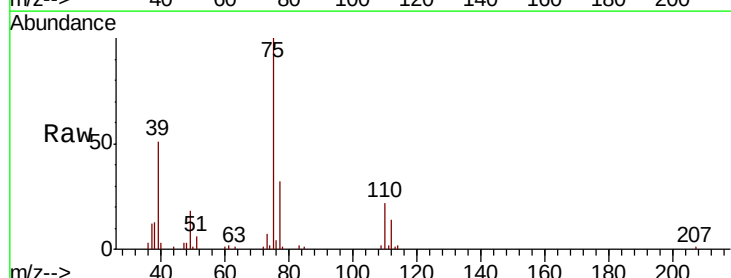
Tgt Ion: 75 Resp: 57000

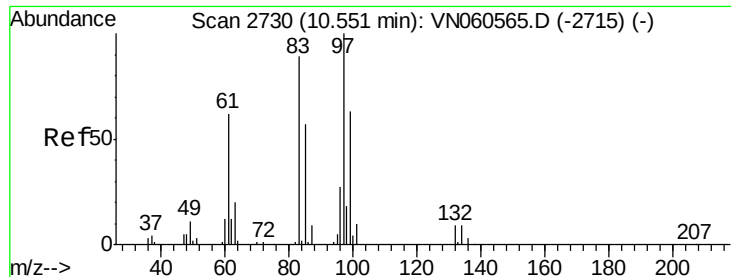
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

39 51.4 40.2 60.4

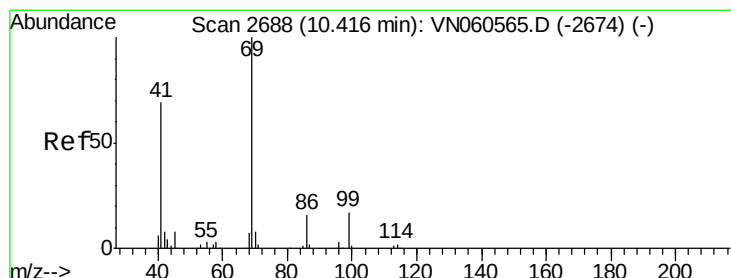
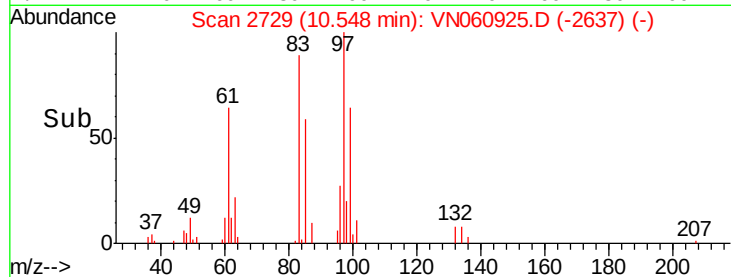
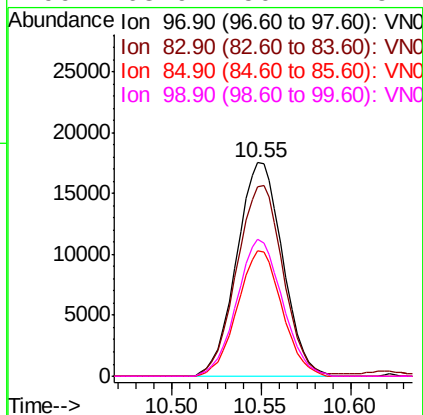
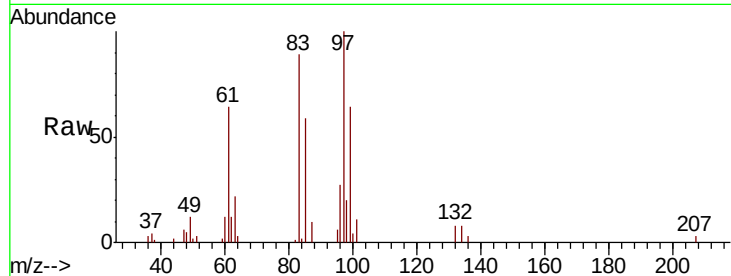




#55
 1,1,2-Trichloroethane
 Concen: 19.365 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN060925.D
 Acq: 14 Apr 2020 11:27

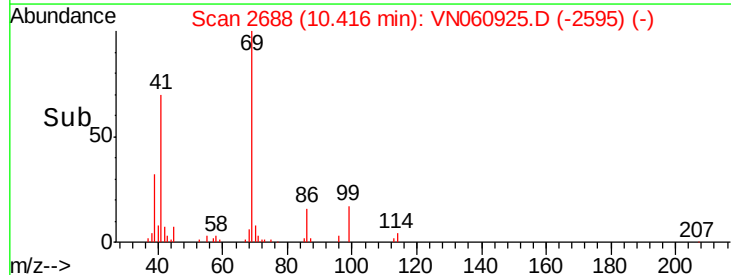
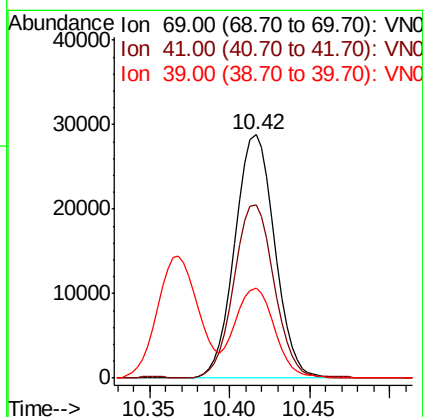
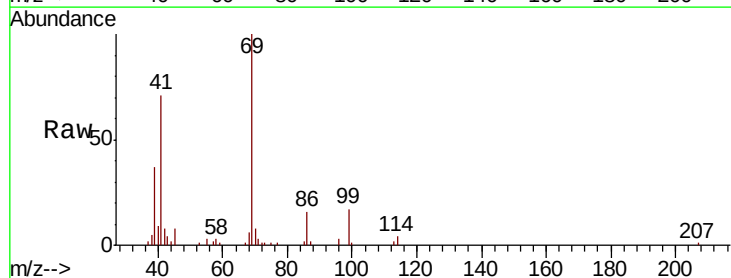
Instrument :
 MSVOA_N
 ClientSampled :
 VN0414WBS01

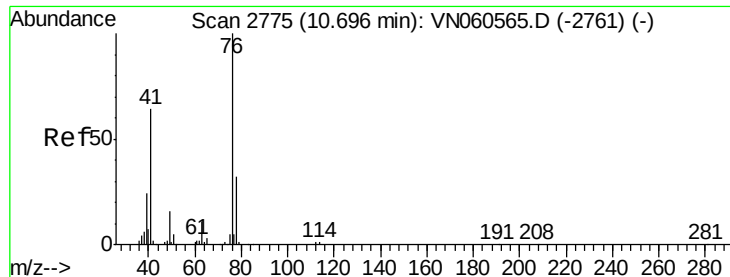
Tot Ion:	97	Resp:	31580
Ion	Ratio	Lower	Upper
97	100		
83	88.6	71.3	106.9
85	58.7	45.2	67.8
99	63.9	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 19.239 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060925.D
 Acq: 14 Apr 2020 11:27

Tgt Ion:	69	Resp:	48920
Ion	Ratio	Lower	Upper
69	100		
41	72.4	55.4	83.2
39	36.9	29.4	44.0





#57

1,3-Dichloropropane

Concen: 19.874 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

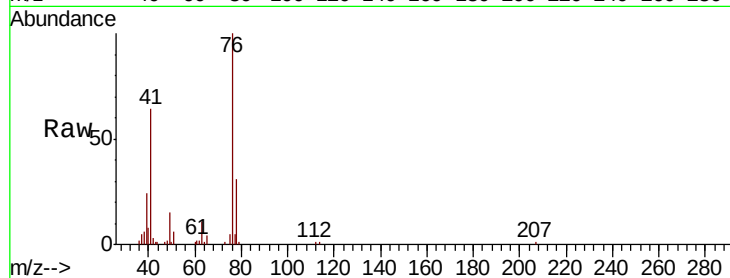
VN0414WBS01

Tot Ion: 76 Resp: 56241

Ion Ratio Lower Upper

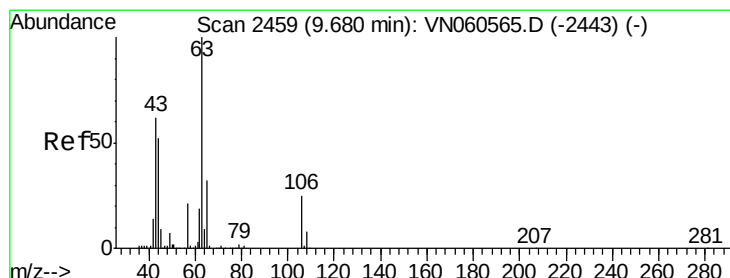
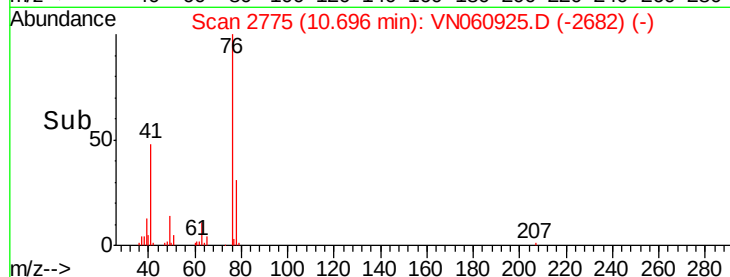
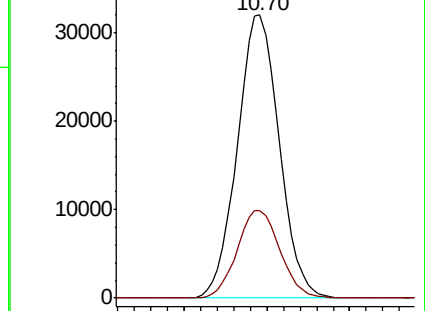
76 100

78 31.8 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN060925.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060925.D (-2682) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 90.548 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060925.D

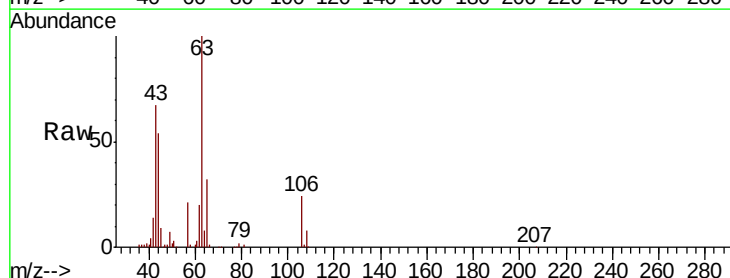
Acq: 14 Apr 2020 11:27

Tgt Ion: 63 Resp: 114434

Ion Ratio Lower Upper

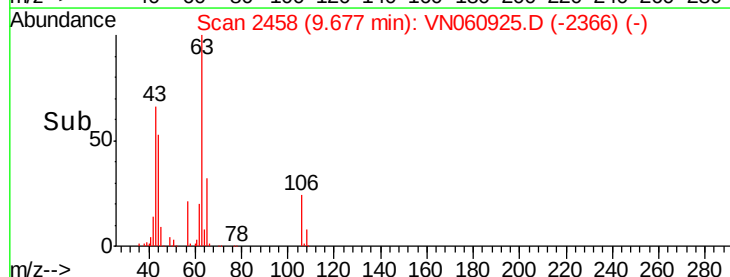
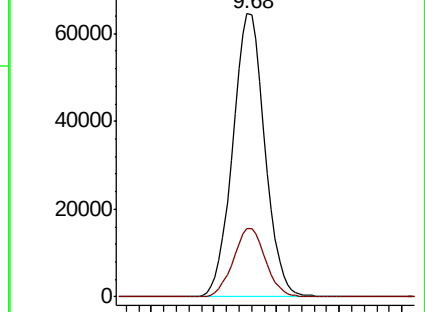
63 100

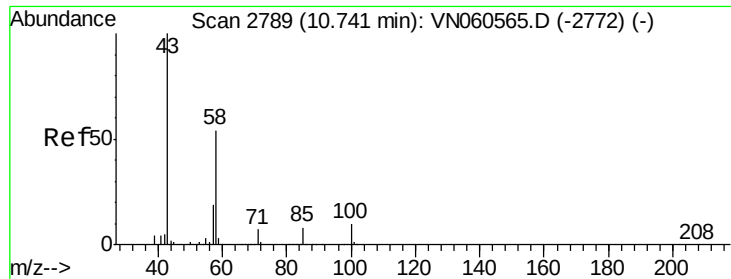
106 24.3 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN060925.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060925.D (-2366) (-)

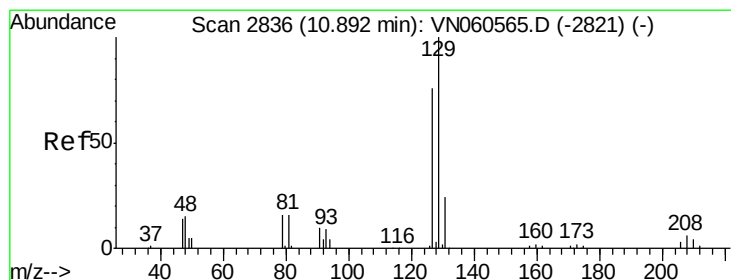
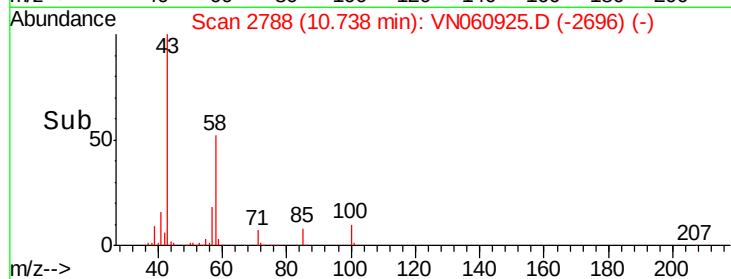
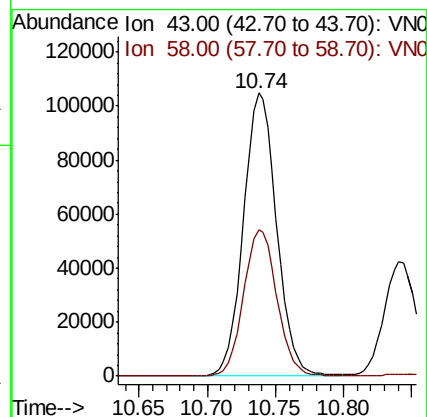
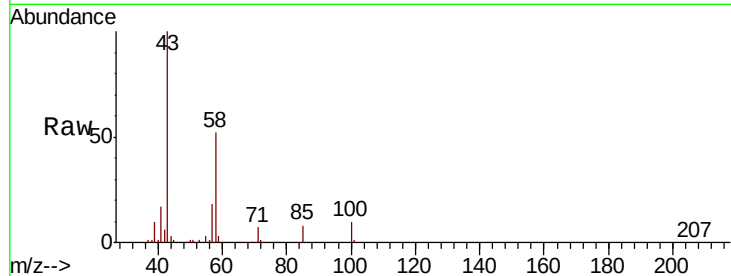




#59
2-Hexanone
Concen: 104.094 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

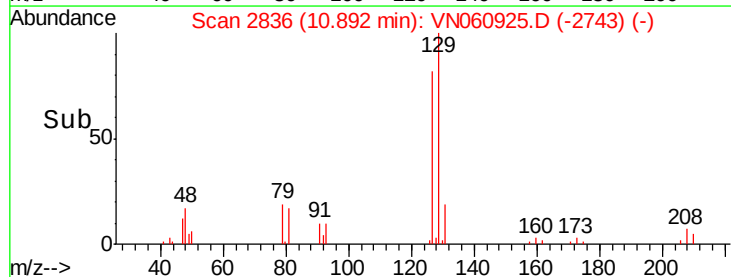
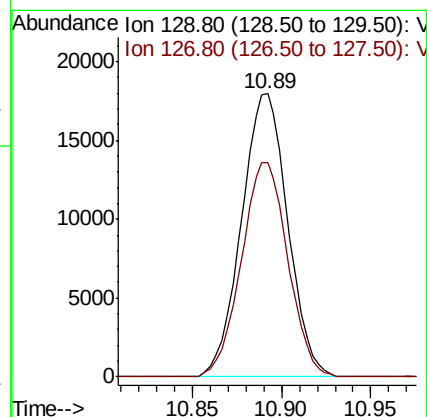
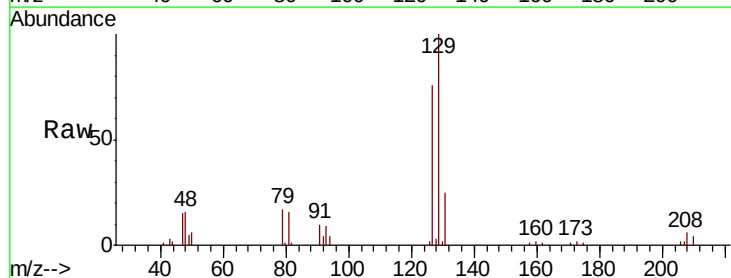
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

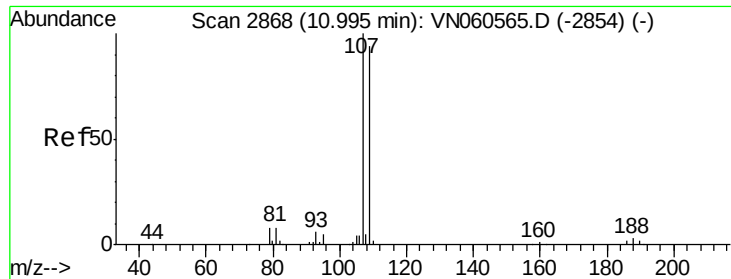
Tot Ion: 43 Resp: 176792
Ion Ratio Lower Upper
43 100
58 52.2 26.7 80.1



#60
Dibromochloromethane
Concen: 19.251 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

Tgt Ion: 129 Resp: 32428
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5

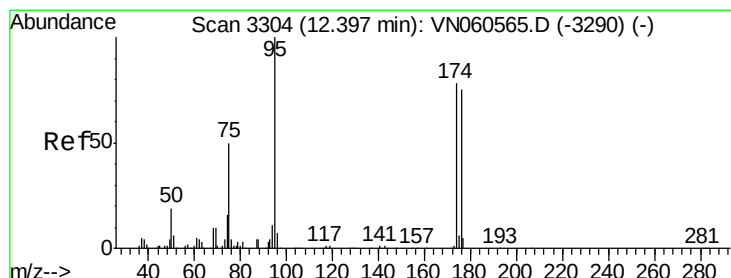
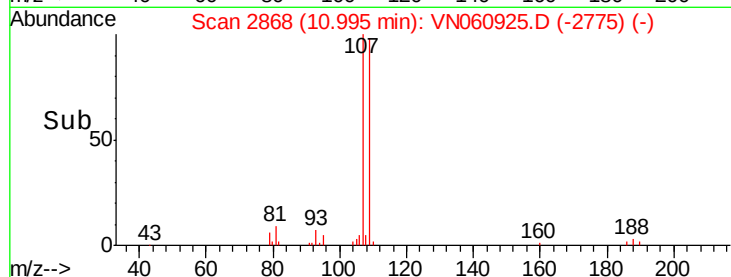
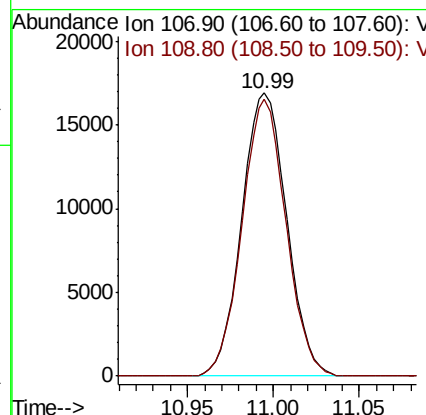
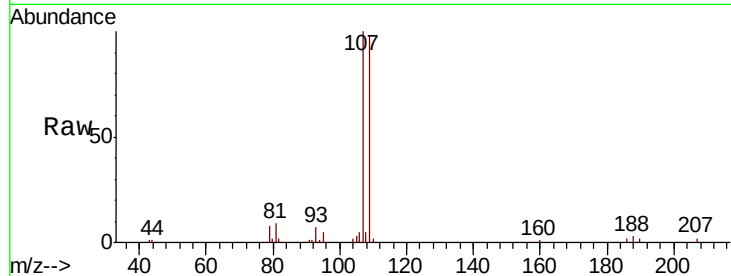




#61
 1,2-Dibromoethane
 Concen: 18.755 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060925.D
 Acq: 14 Apr 2020 11:27

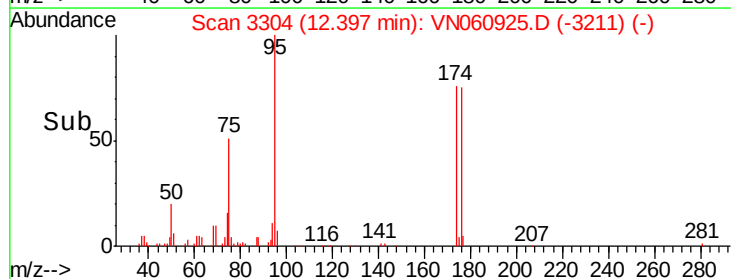
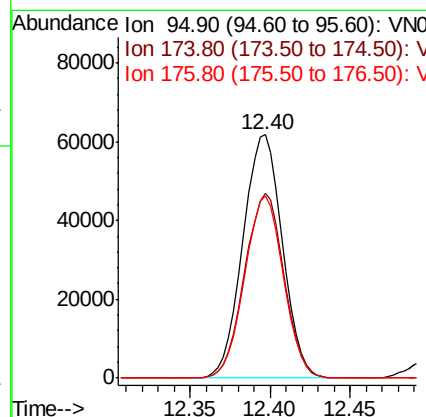
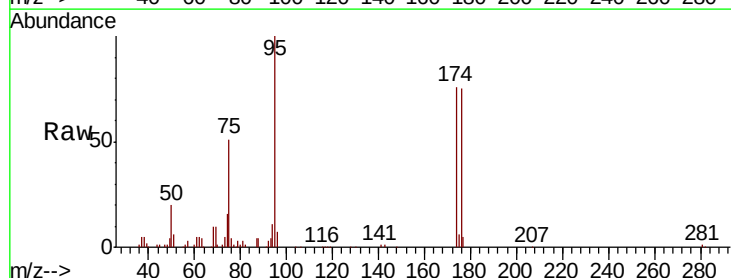
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBS01

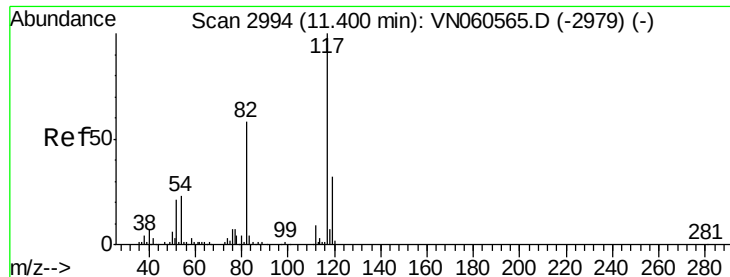
Tot Ion:107 Resp: 30756
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 47.880 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060925.D
 Acq: 14 Apr 2020 11:27

Tgt Ion: 95 Resp: 104065
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 157.6
 176 73.7 0.0 150.6

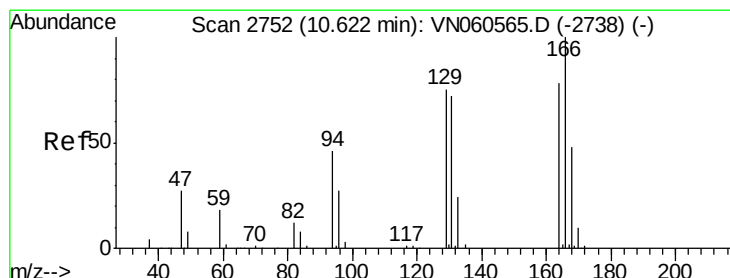
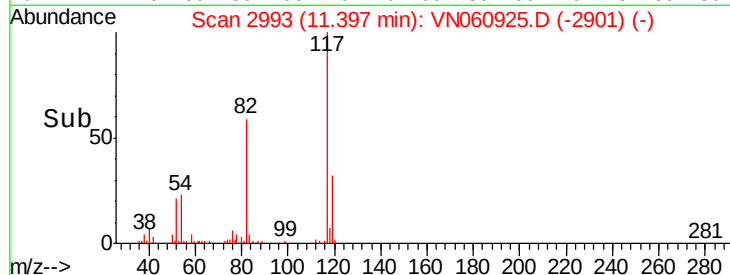
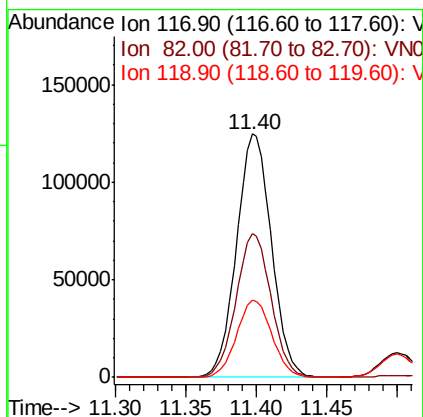
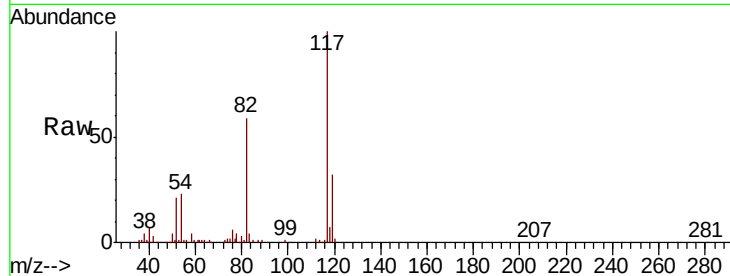




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

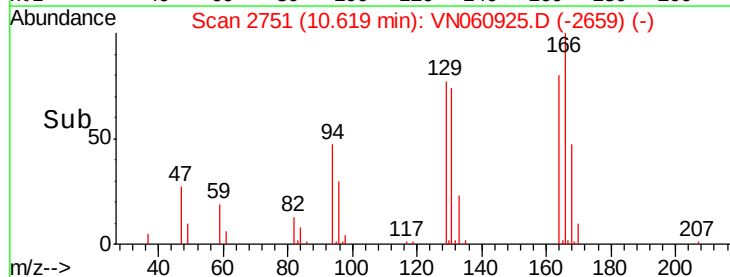
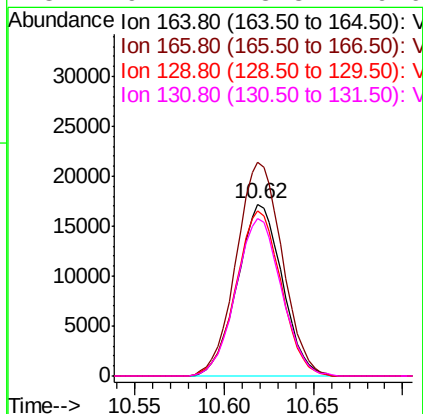
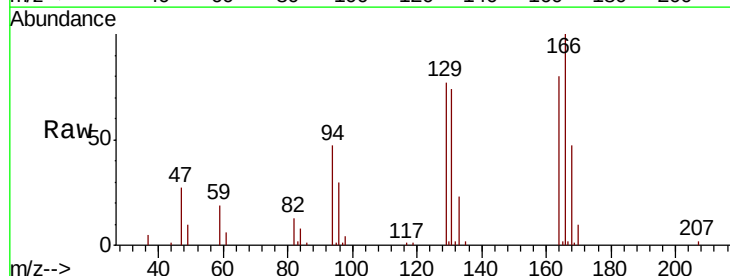
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

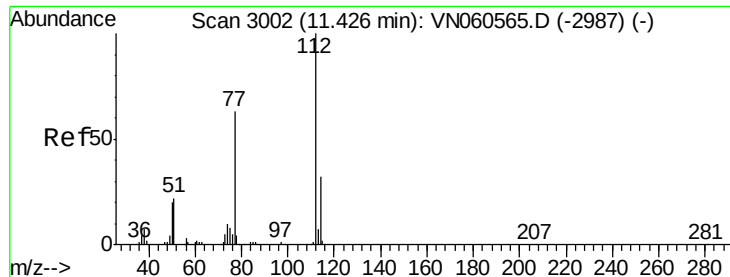
Tot Ion:117 Resp: 216463
Ion Ratio Lower Upper
117 100
82 59.1 46.7 70.1
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 17.762 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

Tgt Ion:164 Resp: 30255
Ion Ratio Lower Upper
164 100
166 124.5 102.7 154.1
129 96.2 77.2 115.8
131 91.7 73.8 110.6

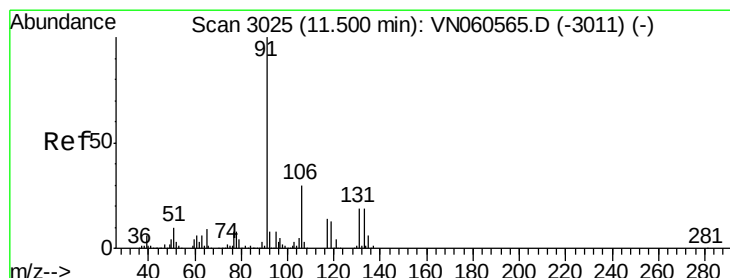
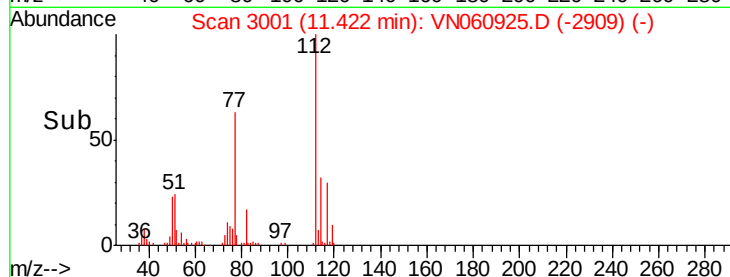
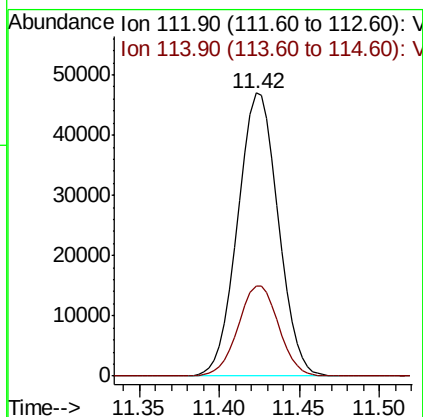
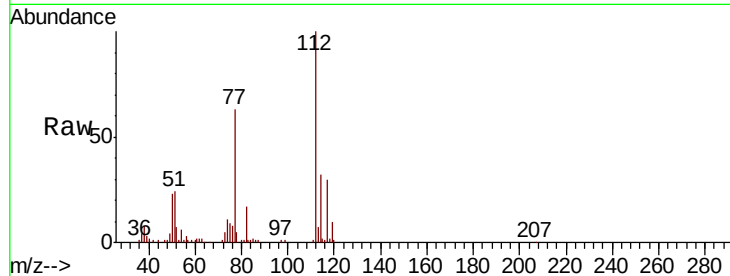




#65
Chlorobenzene
Concen: 18.926 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

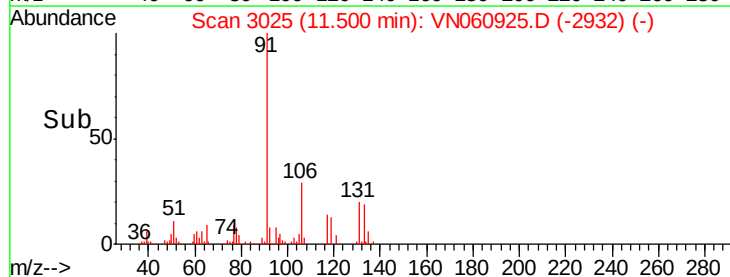
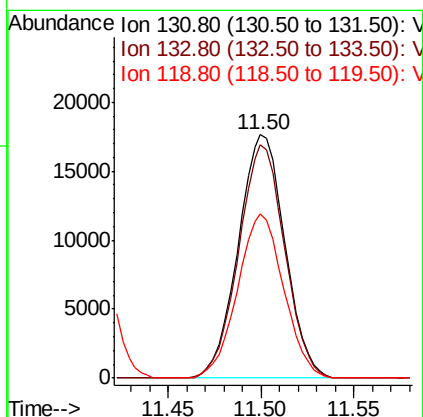
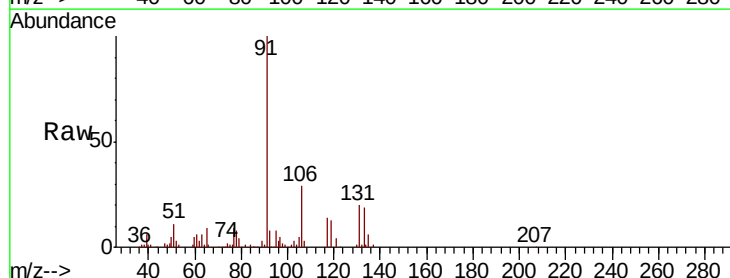
Instrument :
MSVOA_N
ClientSampled :
VN0414WBS01

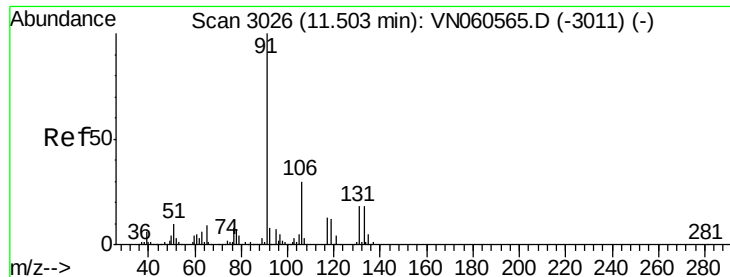
Tot Ion:112 Resp: 81214
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.791 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

Tgt Ion:131 Resp: 30749
Ion Ratio Lower Upper
131 100
133 94.7 48.9 146.8
119 66.6 33.9 101.7





#67

Ethyl Benzene

Concen: 19.052 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

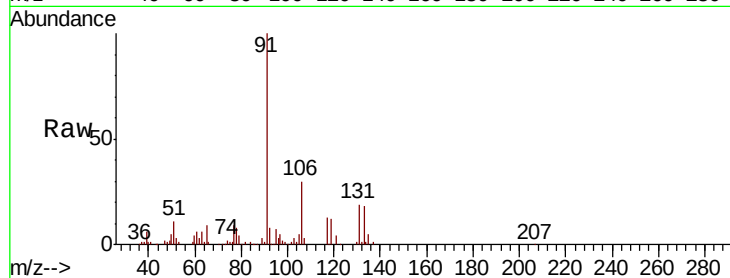
VN0414WBS01

Tot Ion: 91 Resp: 152036

Ion Ratio Lower Upper

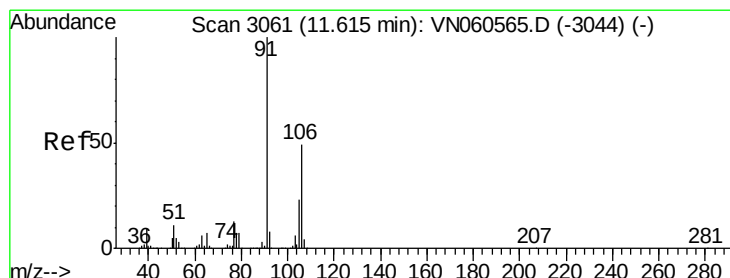
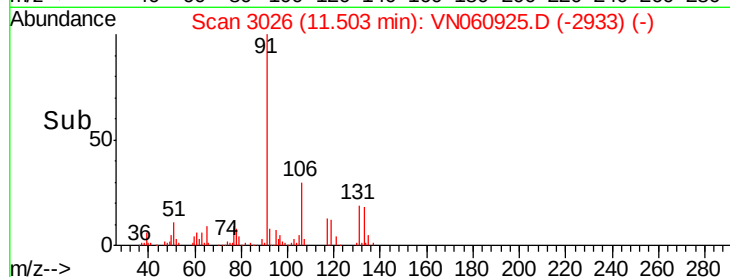
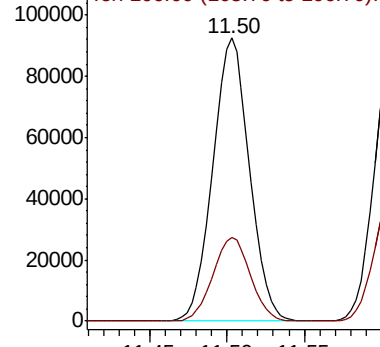
91 100

106 29.6 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.071 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060925.D

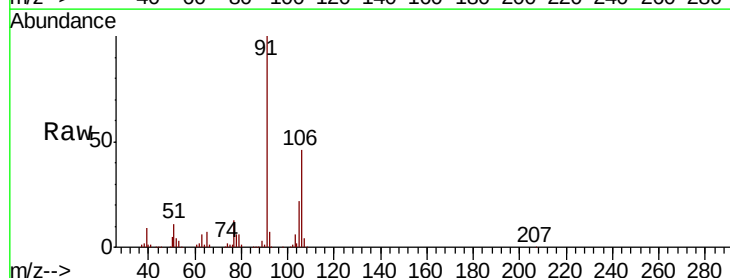
Acq: 14 Apr 2020 11:27

Tgt Ion:106 Resp: 109932

Ion Ratio Lower Upper

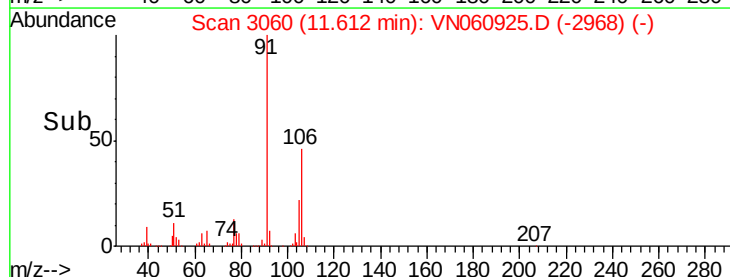
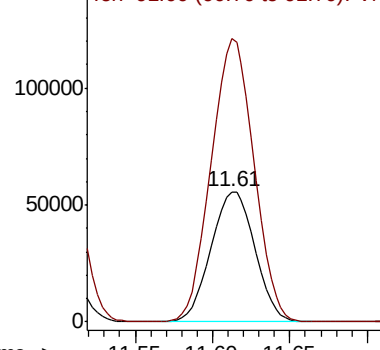
106 100

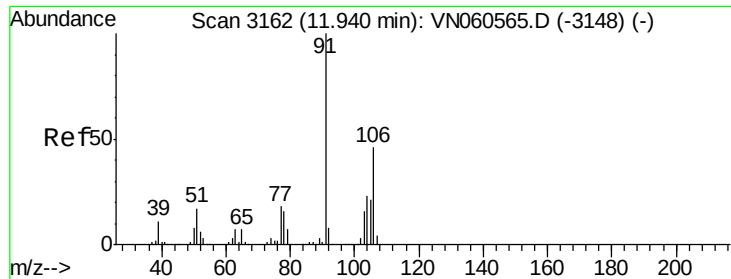
91 212.5 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

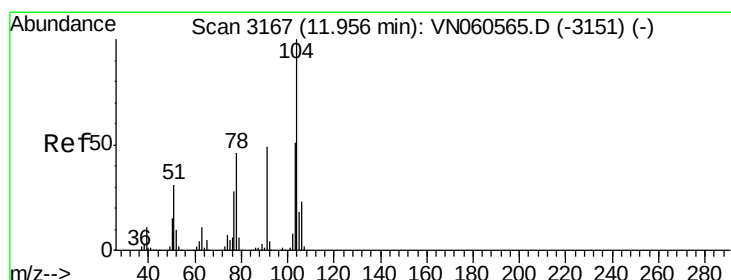
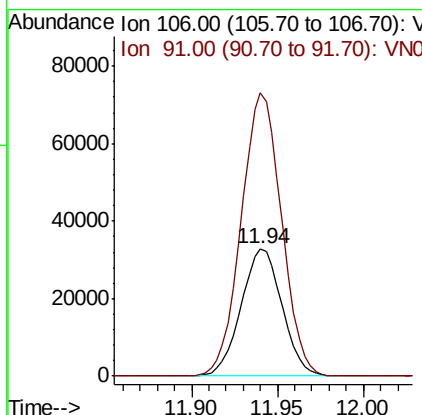
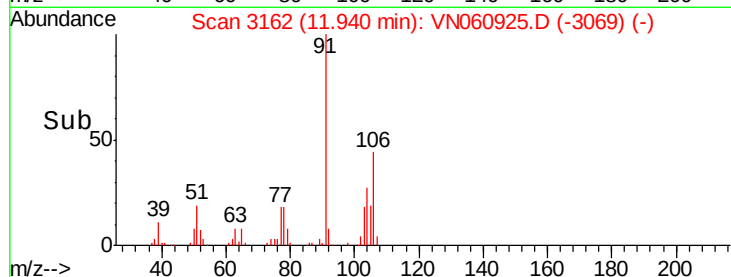
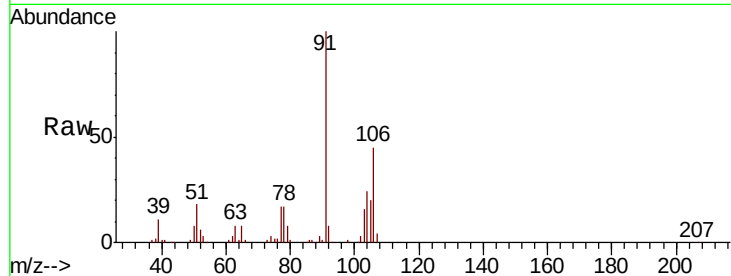




#69
o-Xylene
Concen: 19.206 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

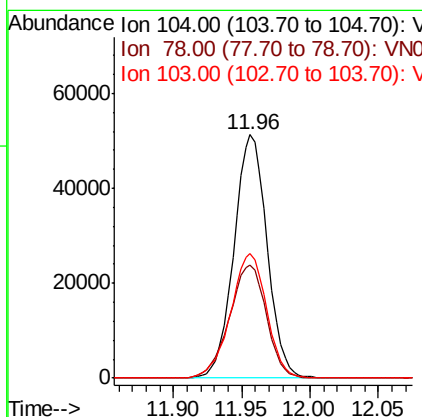
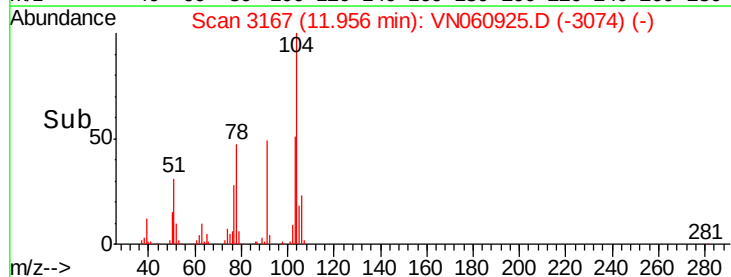
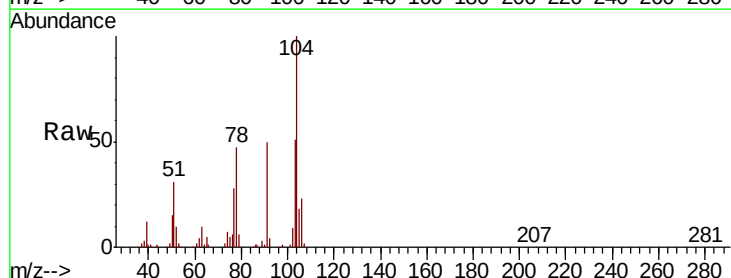
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

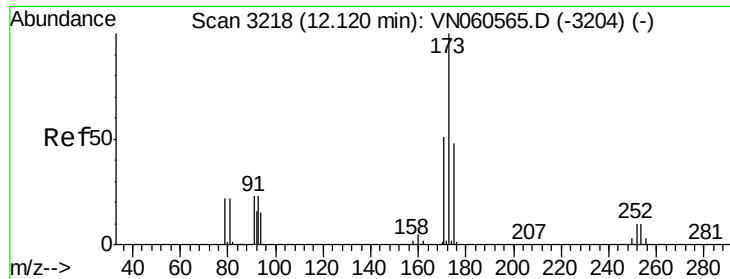
Tot Ion:106 Resp: 54370
Ion Ratio Lower Upper
106 100
91 219.1 109.5 328.4



#70
Styrene
Concen: 18.670 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

Tgt Ion:104 Resp: 86440
Ion Ratio Lower Upper
104 100
78 51.9 41.2 61.8
103 55.6 44.0 66.0

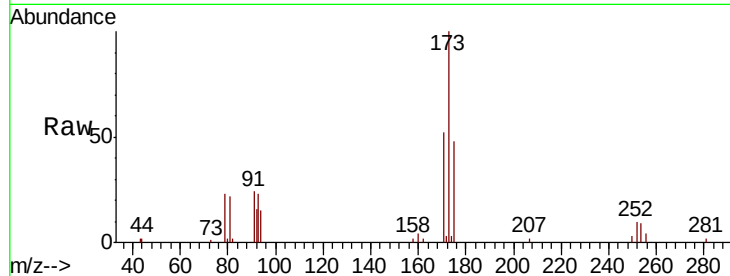




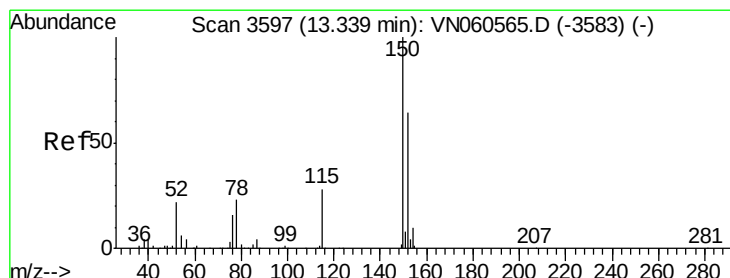
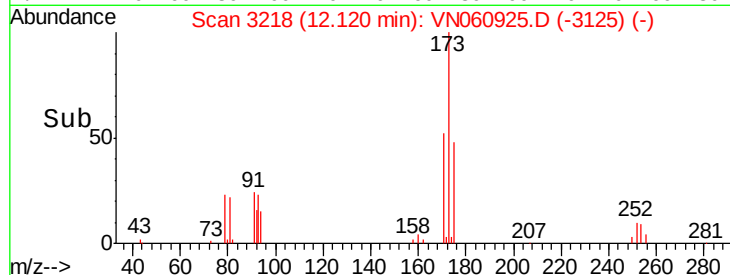
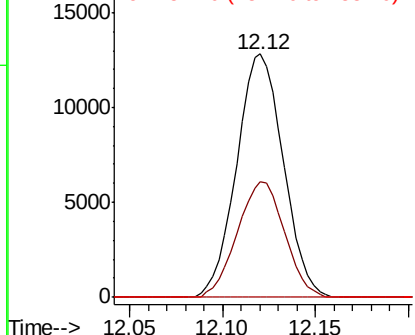
#71
Bromoform
Concen: 18.440 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

Tot Ion:173 Resp: 22395
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.4
254 0.0 0.0 0.0

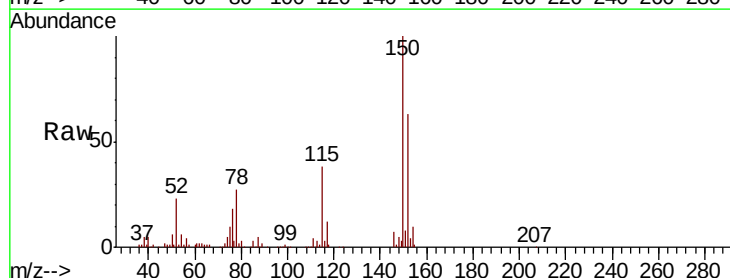


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

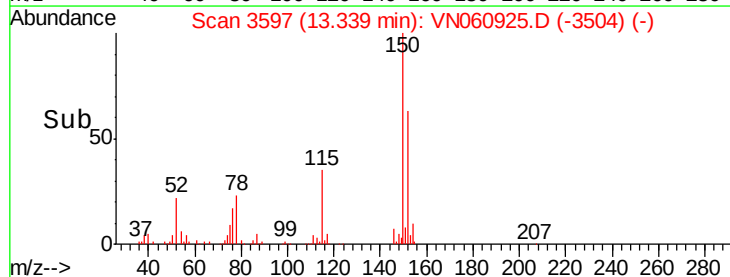
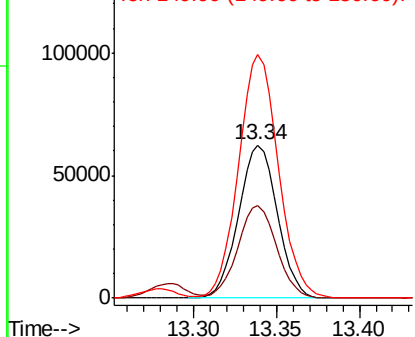


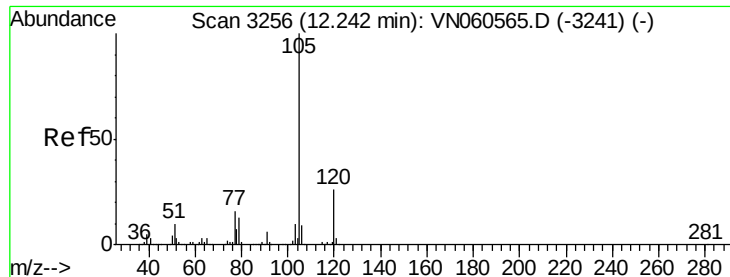
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

Tgt Ion:152 Resp: 101372
Ion Ratio Lower Upper
152 100
115 60.8 30.2 90.6
150 163.8 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: 19.279 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

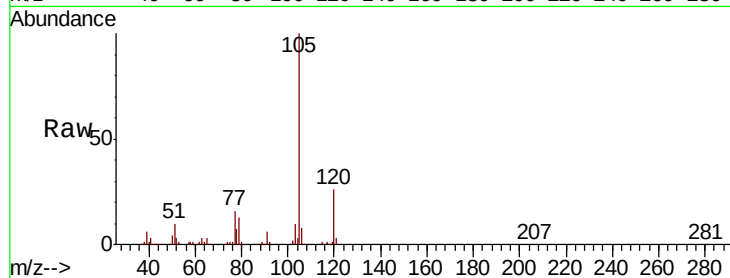
VN0414WBS01

Tot Ion:105 Resp: 146669

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.24

80000

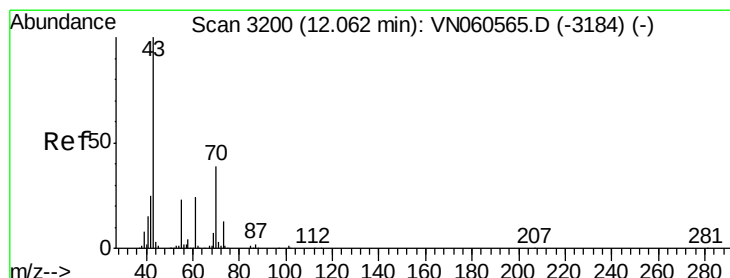
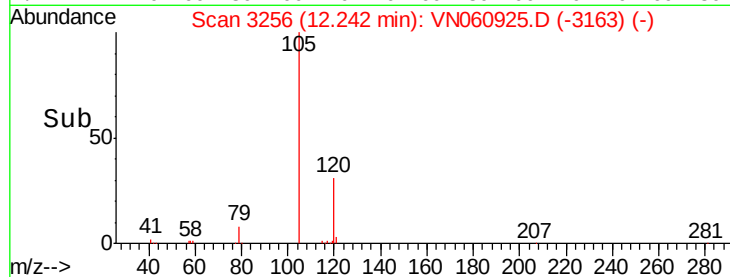
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 19.223 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Tgt Ion: 43 Resp: 67576

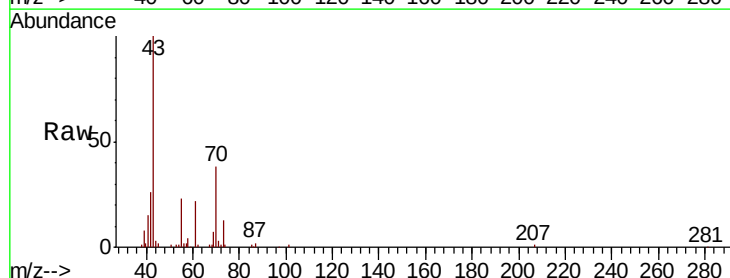
Ion Ratio Lower Upper

43 100

70 38.5 31.1 46.7

55 23.3 18.6 27.8

61 22.4 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

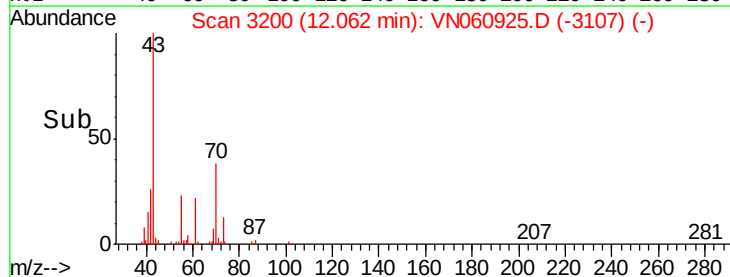
12.06

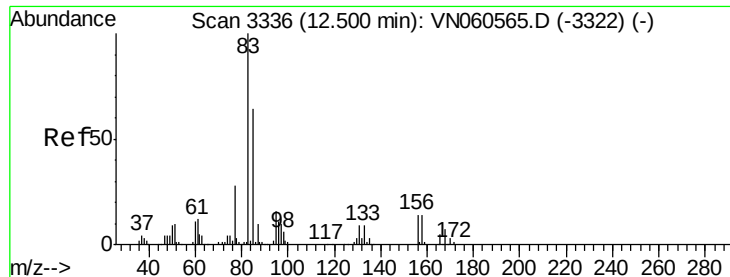
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.306 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

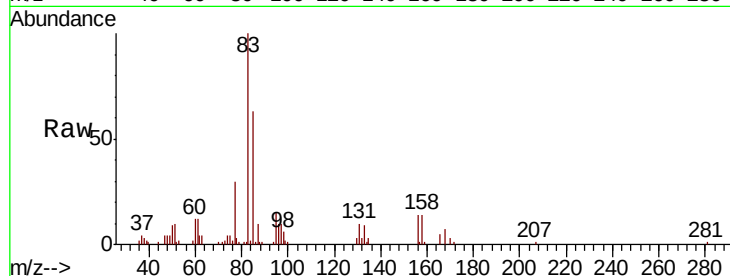
Tot Ion: 83 Resp: 46716

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

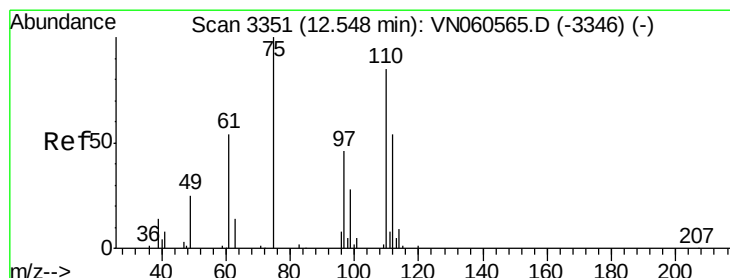
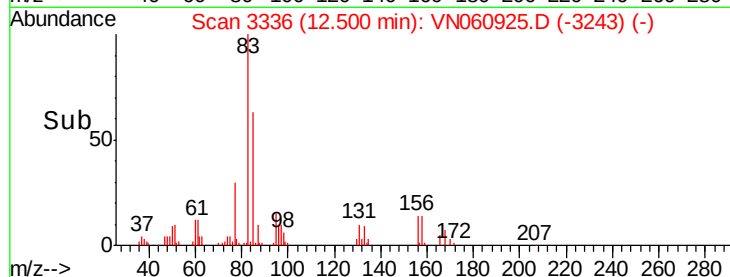
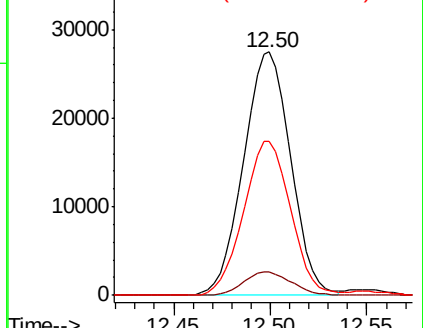
85 63.2 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060925.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060925.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060925.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 28.633 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060925.D

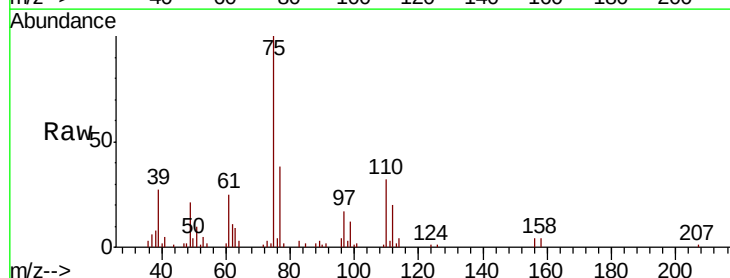
Acq: 14 Apr 2020 11:27

Tgt Ion: 75 Resp: 62631

Ion Ratio Lower Upper

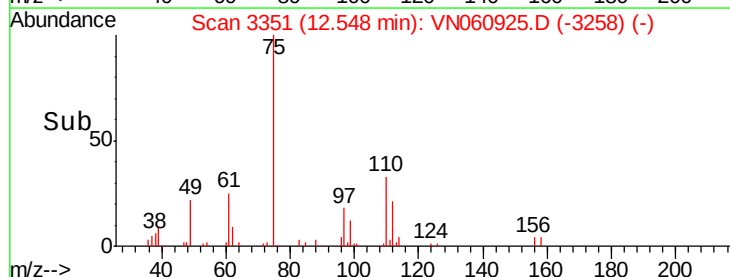
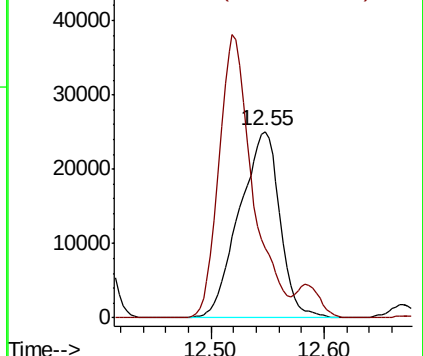
75 100

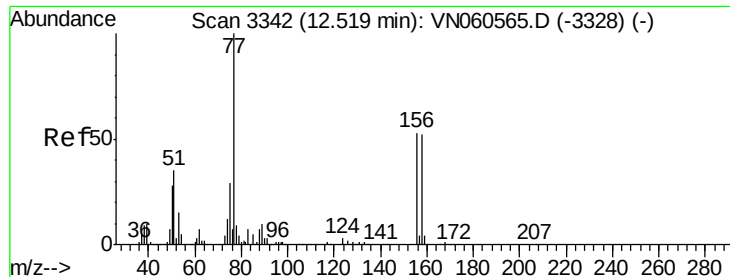
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060925.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060925.D (-3258) (-)





#77

Bromobenzene

Concen: 18.408 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampled :

VN0414WBS01

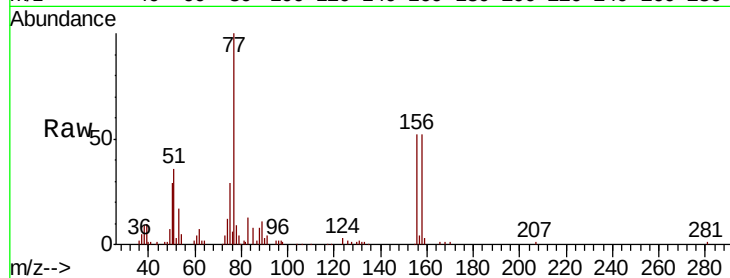
Tot Ion:156 Resp: 33744

Ion Ratio Lower Upper

156 100

77 233.5 112.3 337.0

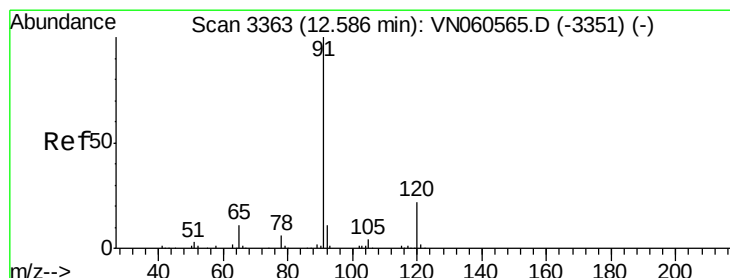
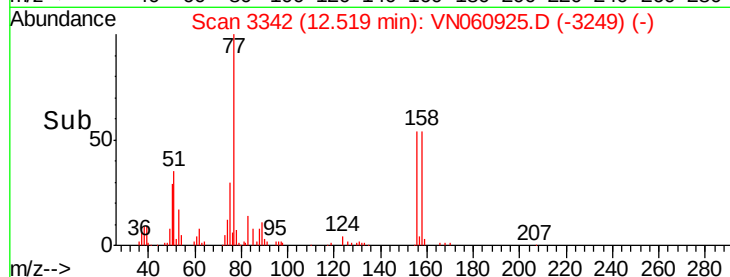
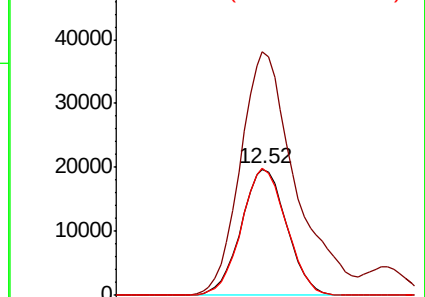
158 98.6 48.6 145.8



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: 19.094 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060925.D

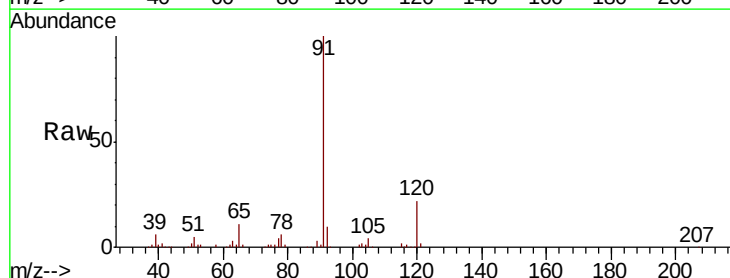
Acq: 14 Apr 2020 11:27

Tgt Ion: 91 Resp: 171614

Ion Ratio Lower Upper

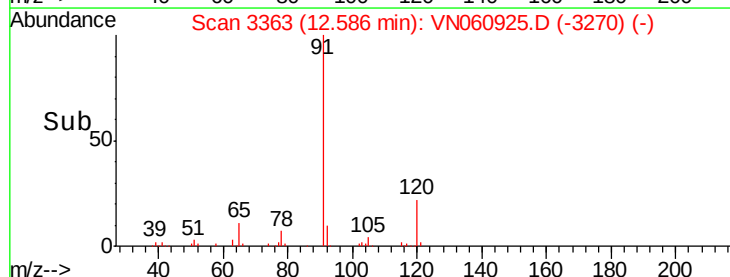
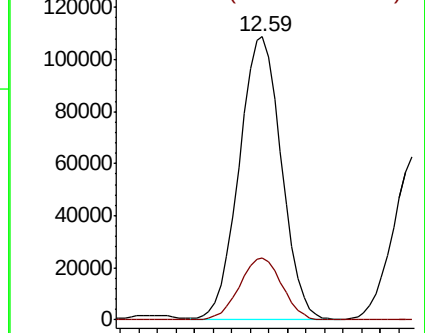
91 100

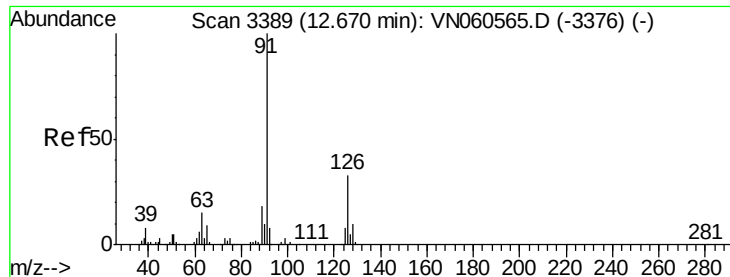
120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

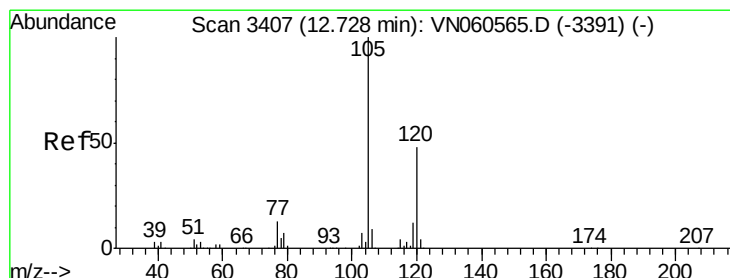
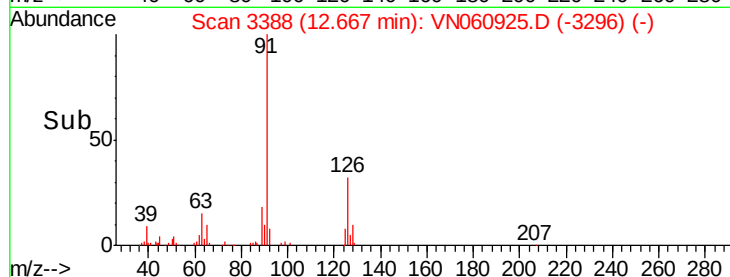
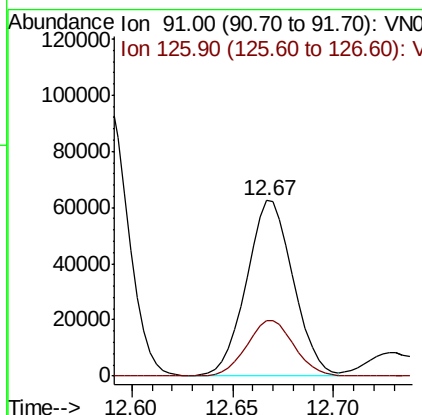
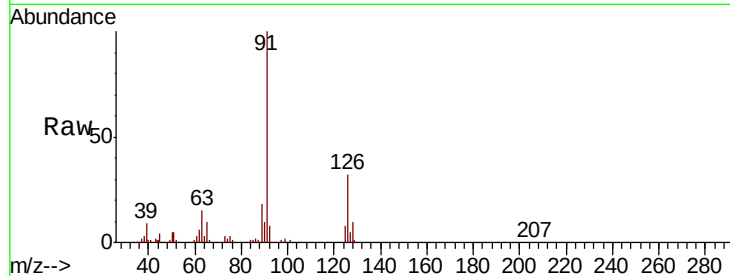




#79
 2-Chlorotoluene
 Concen: 18.837 ug/l
 RT: 12.67 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VN060925.D
 Acq: 14 Apr 2020 11:27

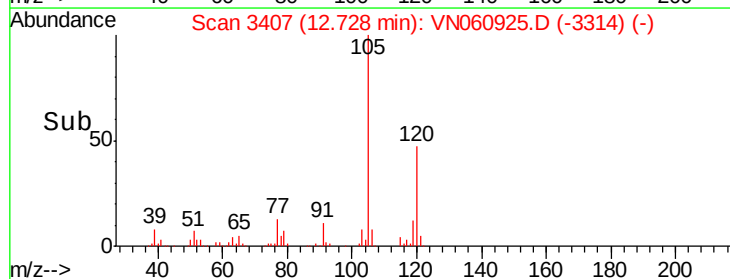
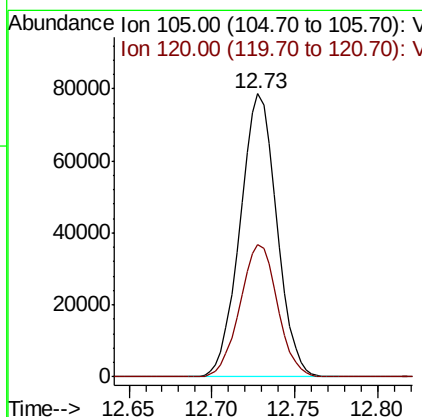
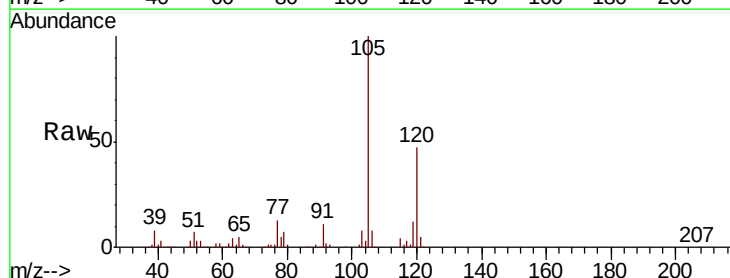
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBS01

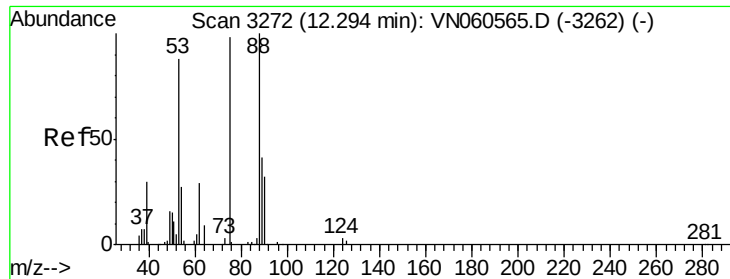
Tot Ion: 91 Resp: 101159
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 18.722 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN060925.D
 Acq: 14 Apr 2020 11:27

Tgt Ion:105 Resp: 120867
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 19.080 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampled :

VN0414WBS01

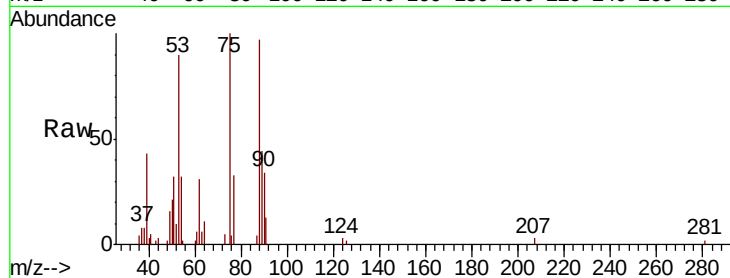
Tot Ion: 75 Resp: 16250

Ion Ratio Lower Upper

75 100

53 93.6 73.0 109.4

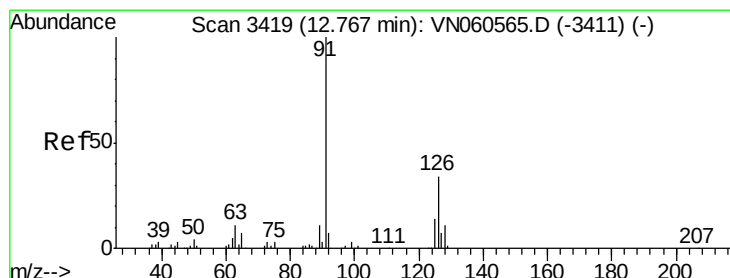
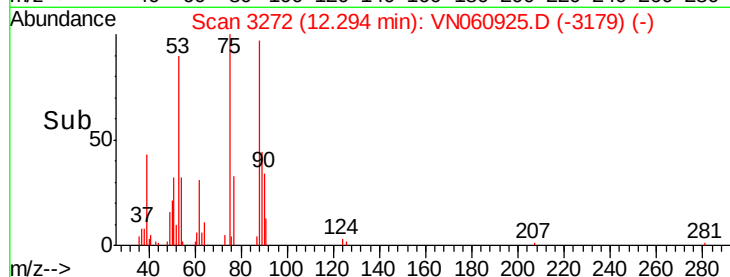
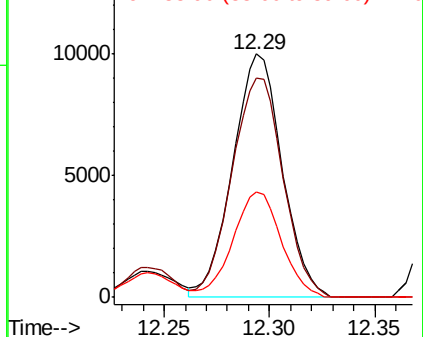
89 42.4 34.8 52.2



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: 19.360 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060925.D

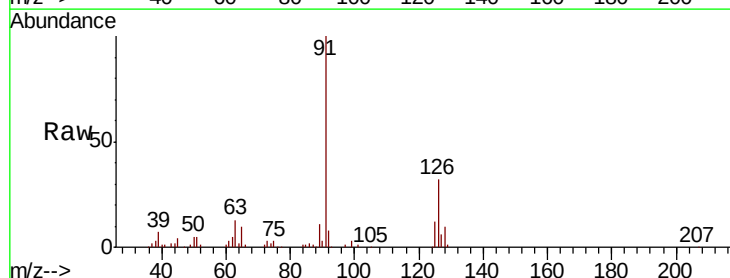
Acq: 14 Apr 2020 11:27

Tgt Ion: 91 Resp: 105892

Ion Ratio Lower Upper

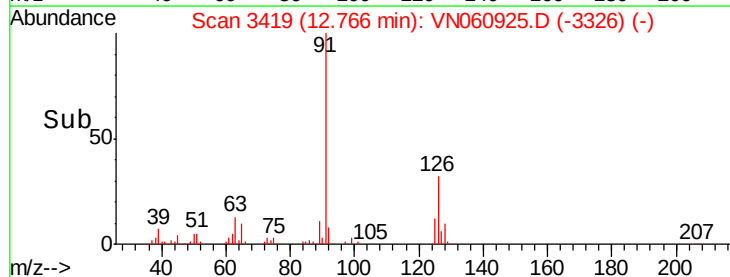
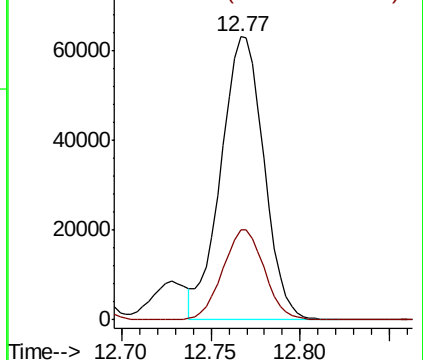
91 100

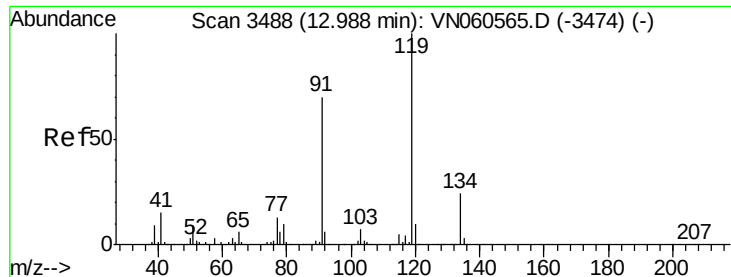
126 30.7 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.290 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampled :

VN0414WBS01

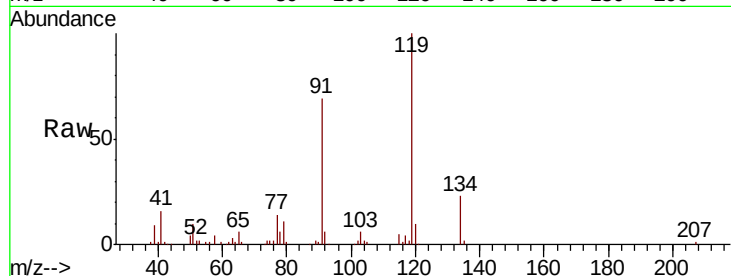
Tot Ion:119 Resp: 103236

Ion Ratio Lower Upper

119 100

91 67.7 34.0 101.8

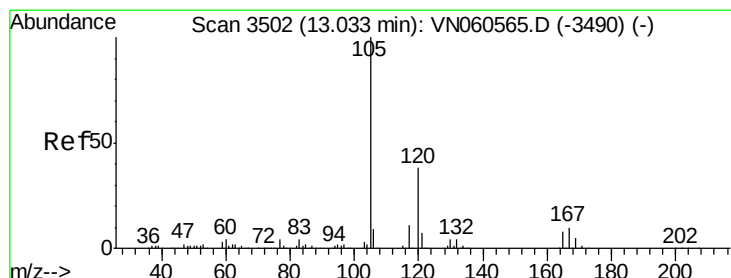
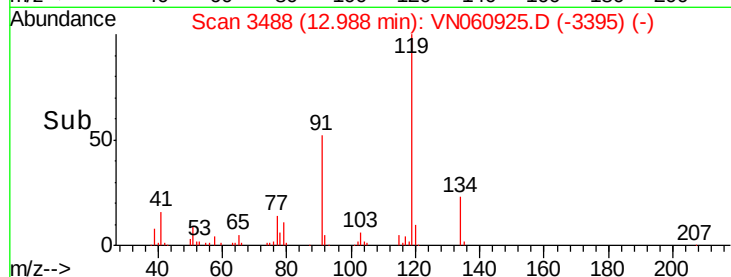
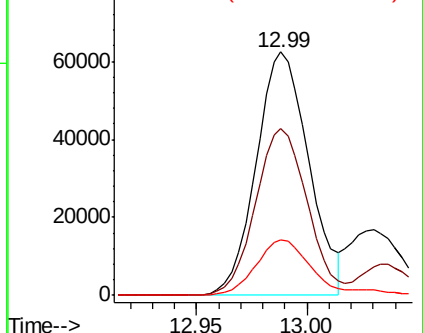
134 24.8 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.077 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. -0.00 min

Lab File: VN060925.D

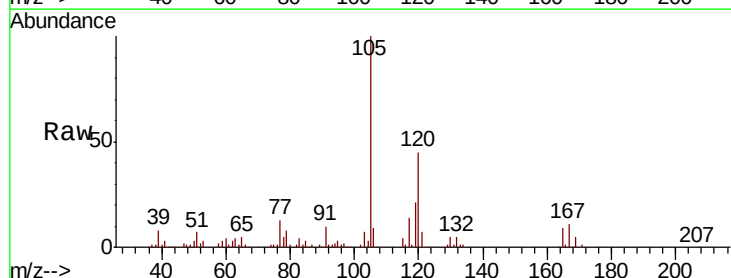
Acq: 14 Apr 2020 11:27

Tgt Ion:105 Resp: 121842

Ion Ratio Lower Upper

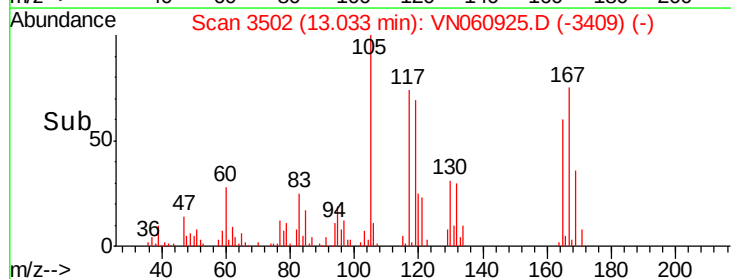
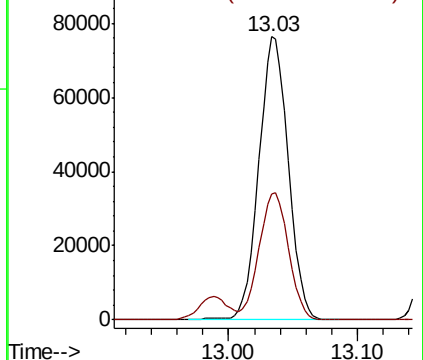
105 100

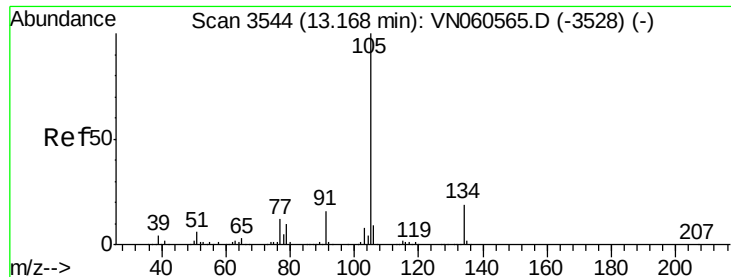
120 44.9 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.695 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

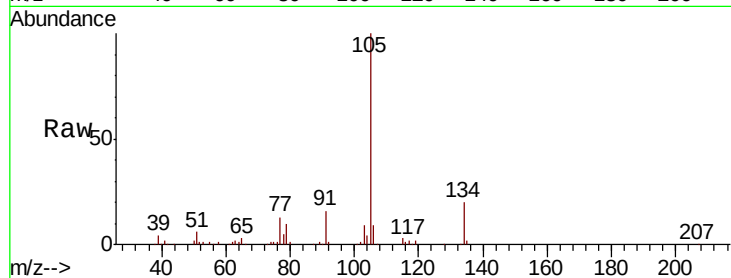
VN0414WBS01

Tot Ion:105 Resp: 141739

Ion Ratio Lower Upper

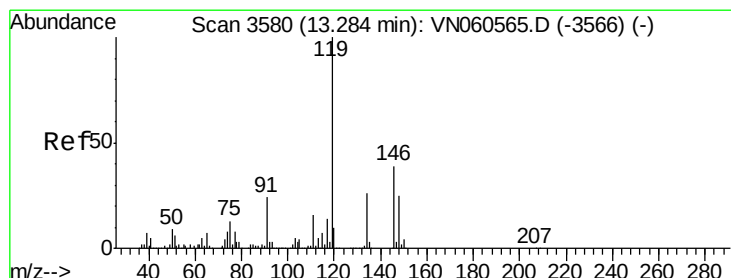
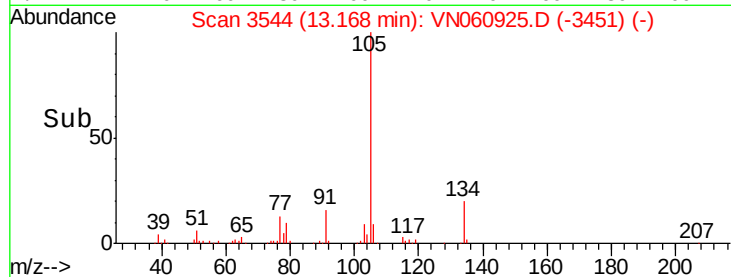
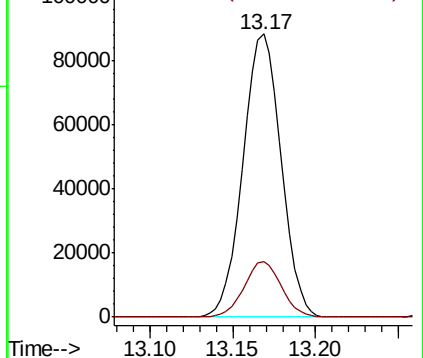
105 100

134 19.1 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.658 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

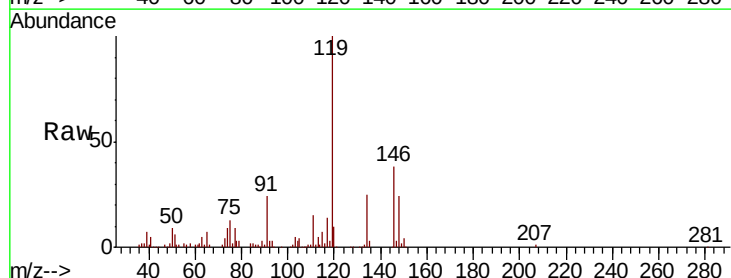
Tgt Ion:119 Resp: 127217

Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

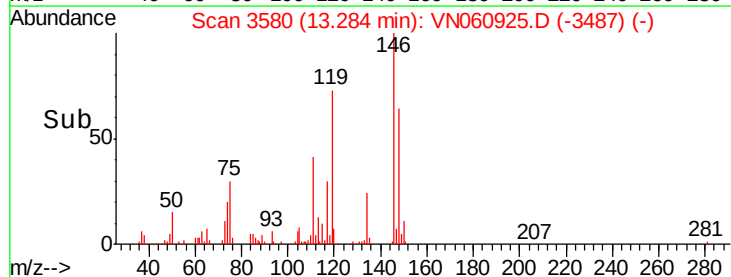
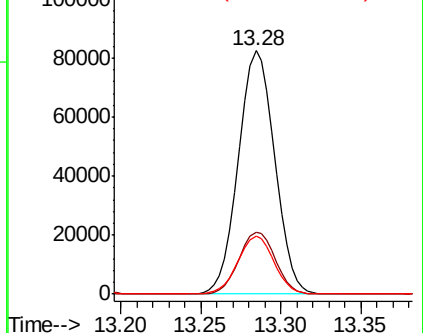
91 23.7 12.0 36.0

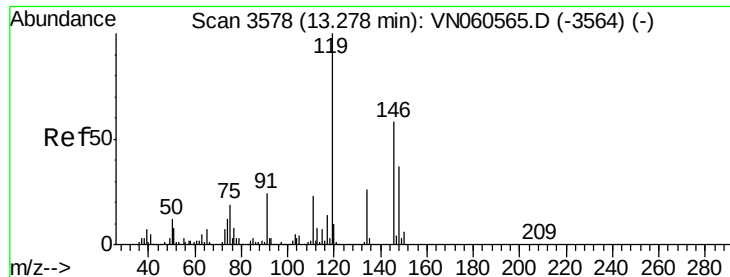


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

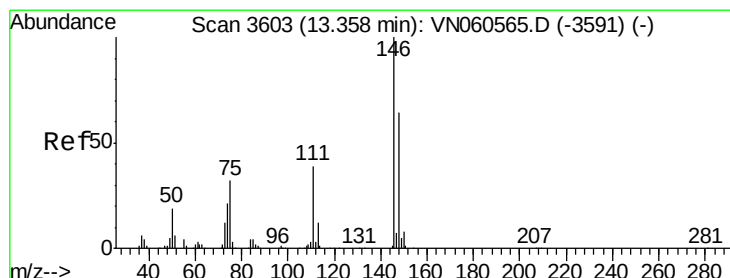
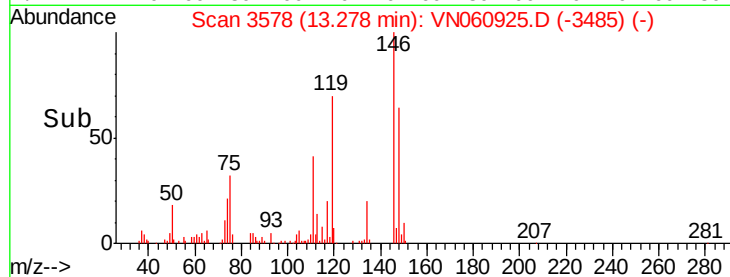
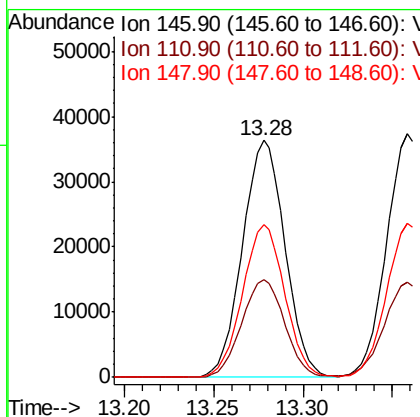
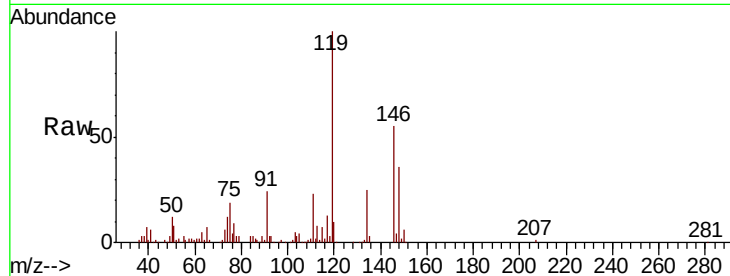




#87
 1,3-Dichlorobenzene
 Concen: 18.732 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060925.D
 Acq: 14 Apr 2020 11:27

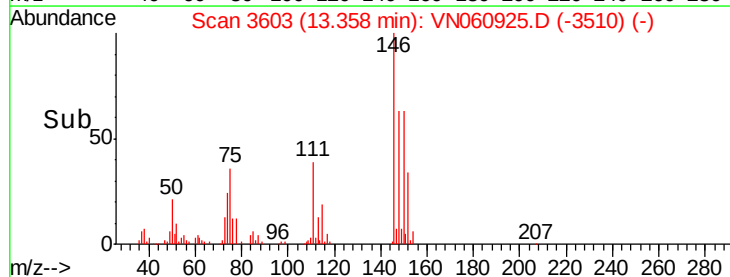
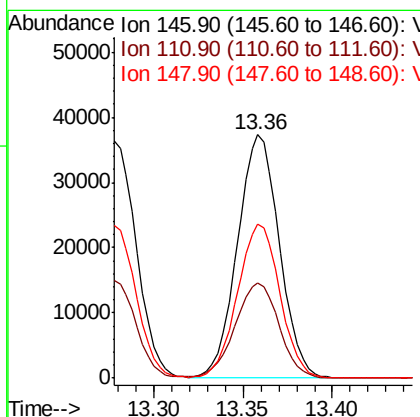
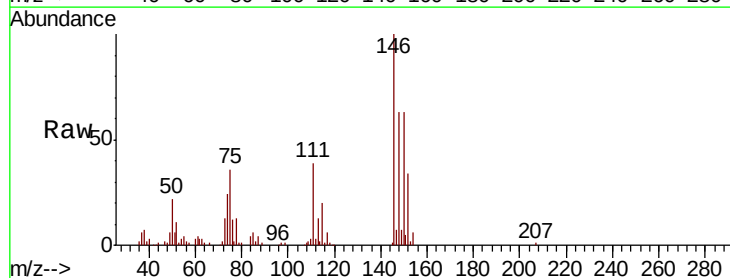
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBS01

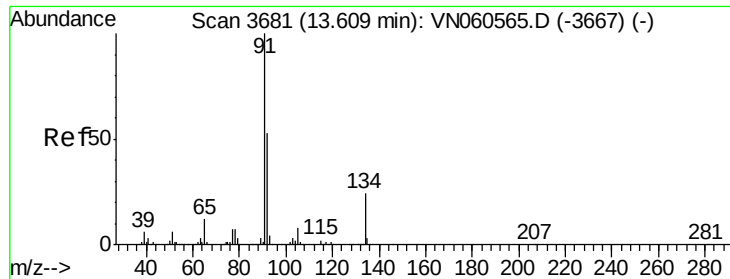
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	60.8
148	64.1	32.5	97.4



#88
 1,4-Dichlorobenzene
 Concen: 18.778 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060925.D
 Acq: 14 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.6	58.7
148	64.0	32.1	96.3





#89

n-Butylbenzene

Concen: 19.695 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

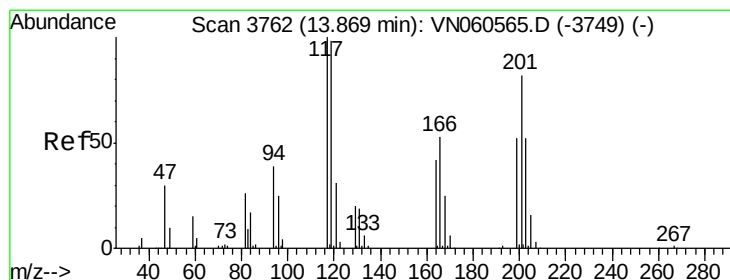
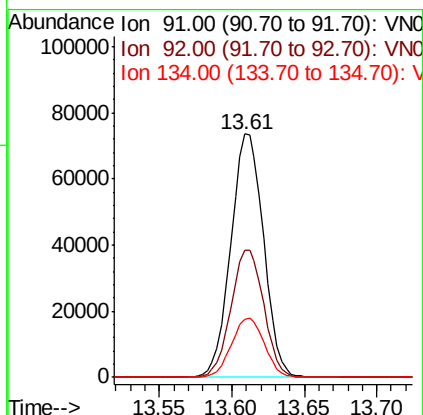
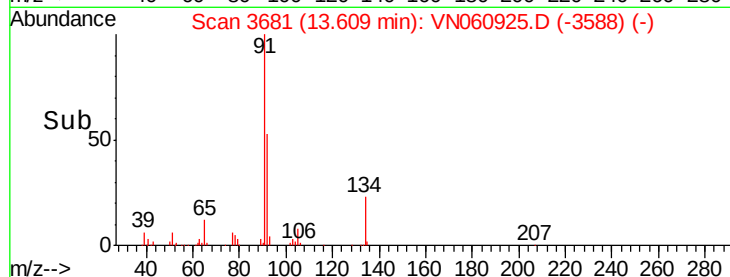
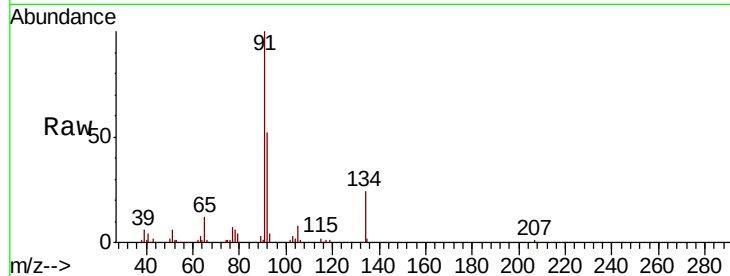
Tot Ion: 91 Resp: 115073

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.5

134 24.3 12.3 36.9



#90

Hexachloroethane

Concen: 21.216 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN060925.D

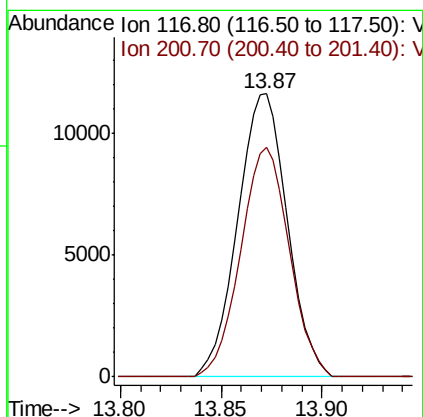
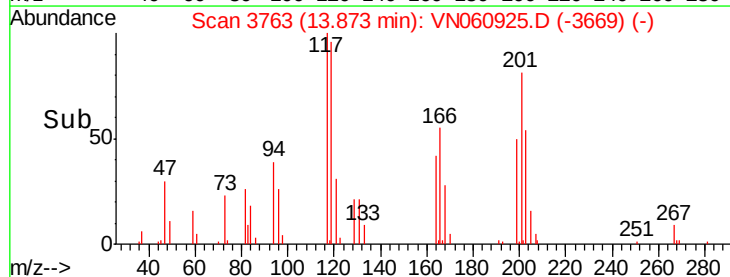
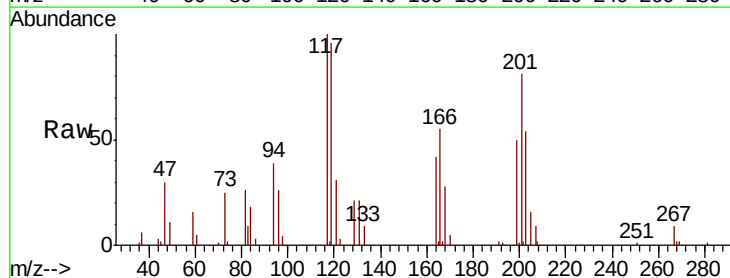
Acq: 14 Apr 2020 11:27

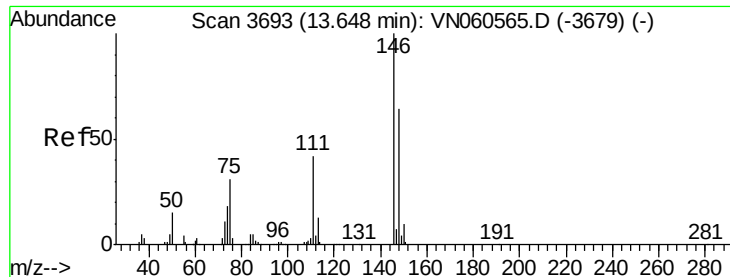
Tgt Ion: 117 Resp: 19957

Ion Ratio Lower Upper

117 100

201 79.6 40.8 122.5





#91

1,2-Dichlorobenzene

Concen: 19.166 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBS01

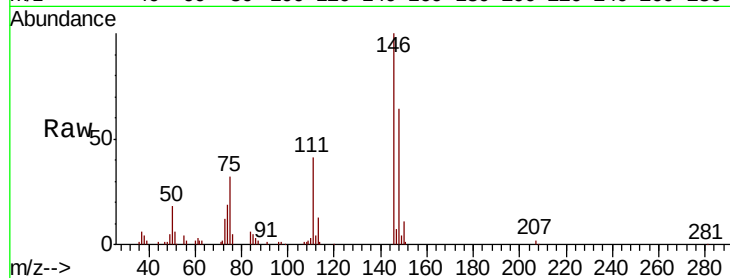
Tot Ion:146 Resp: 59251

Ion Ratio Lower Upper

146 100

111 42.4 21.0 63.0

148 64.1 31.9 95.5

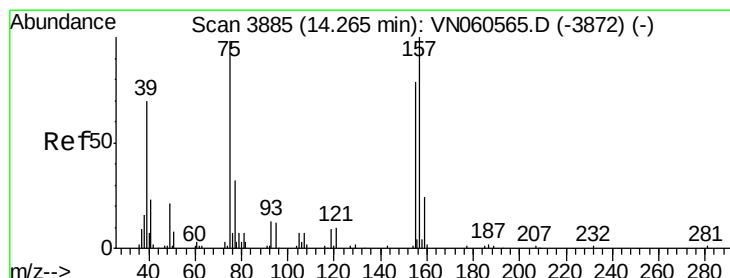
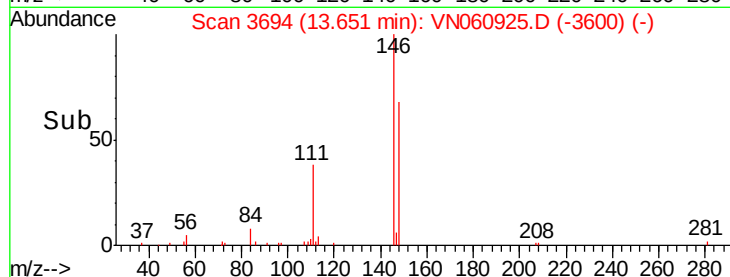
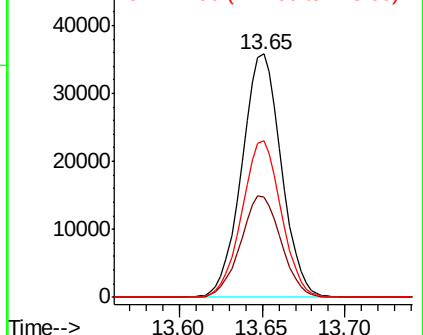


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.408 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

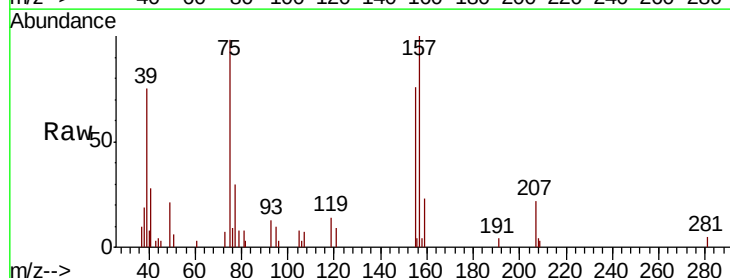
Tgt Ion: 75 Resp: 8952

Ion Ratio Lower Upper

75 100

155 76.3 40.7 122.1

157 99.2 51.5 154.7

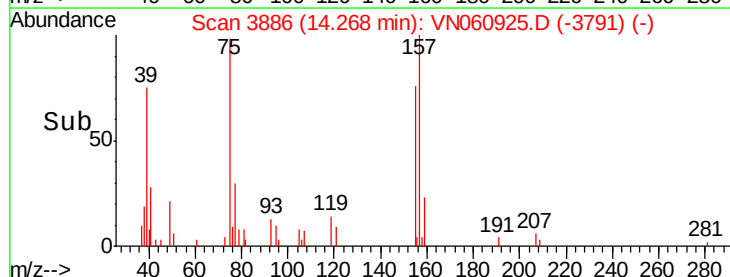
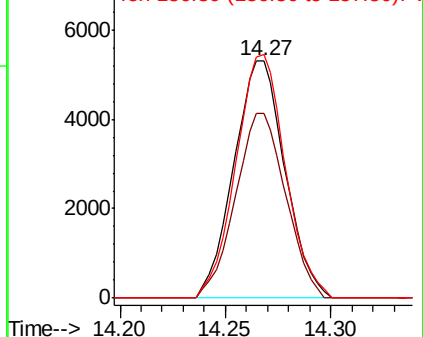


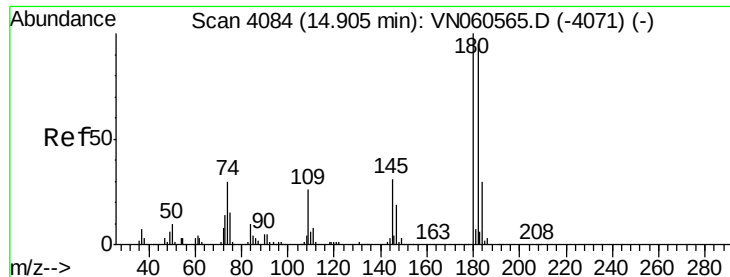
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 18.395 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

Instrument :

MSVOA_N

ClientSampled :

VN0414WBS01

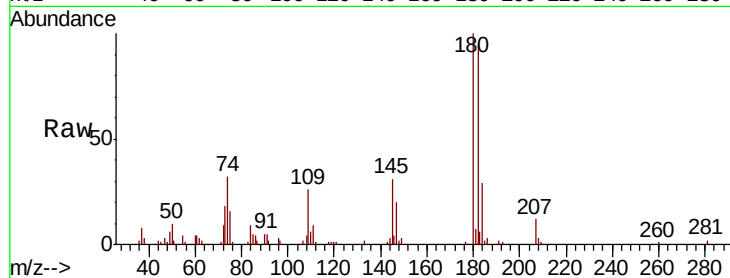
Tot Ion:180 Resp: 34923

Ion Ratio Lower Upper

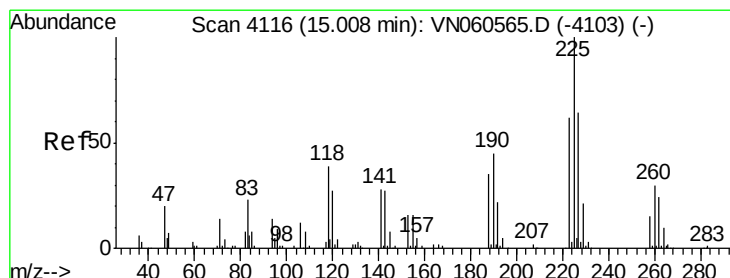
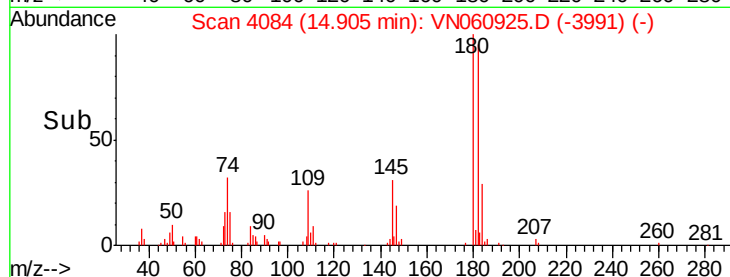
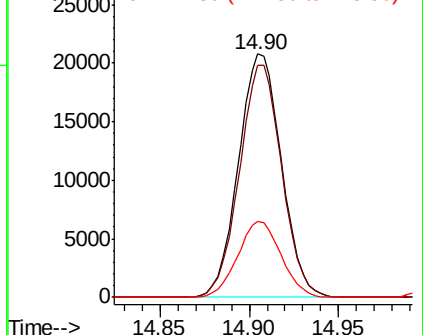
180 100

182 94.0 47.9 143.8

145 31.5 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: 20.338 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN060925.D

Acq: 14 Apr 2020 11:27

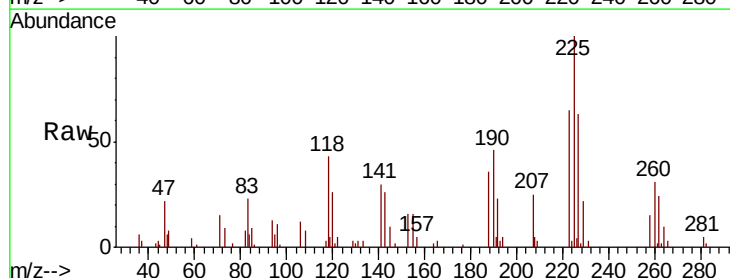
Tgt Ion:225 Resp: 18928

Ion Ratio Lower Upper

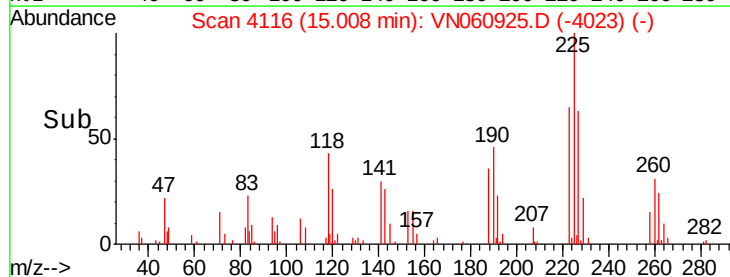
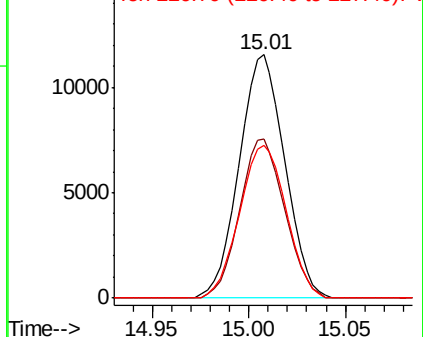
225 100

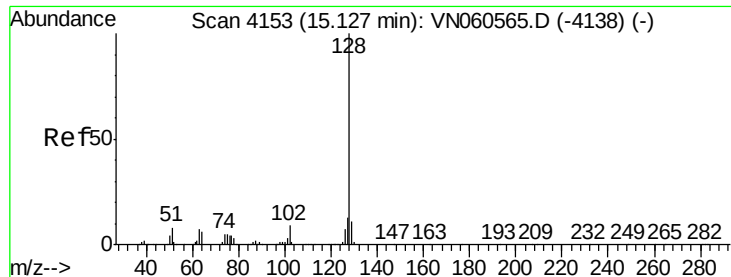
223 64.3 31.6 95.0

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

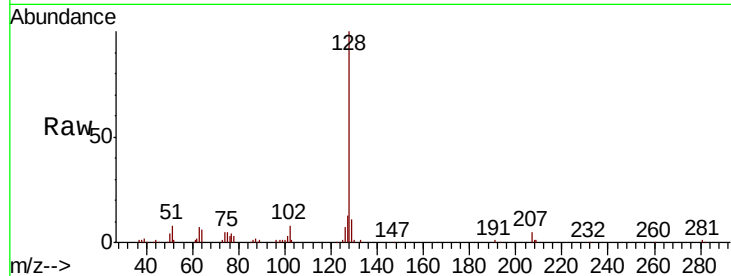




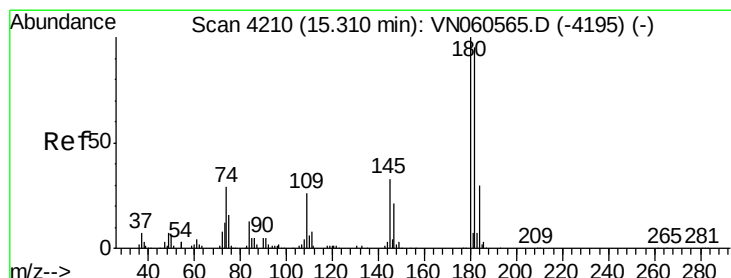
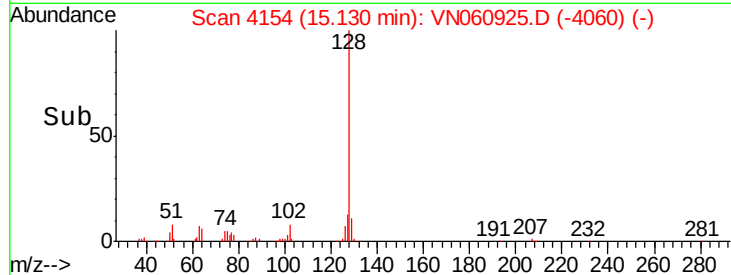
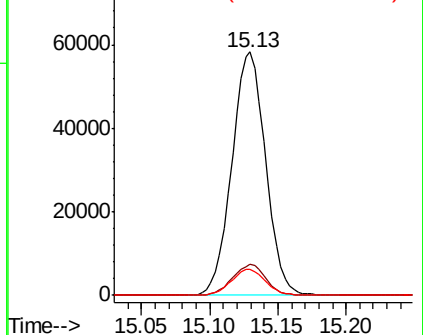
#95
Naphthalene
Concen: 17.507 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBS01

Tot Ion:128 Resp: 99970
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 10.8 8.8 13.2

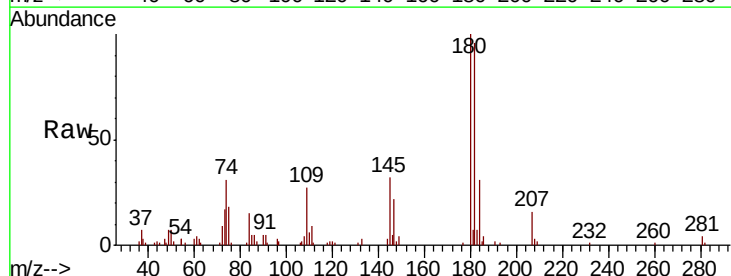


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.315 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060925.D
Acq: 14 Apr 2020 11:27

Tgt Ion:180 Resp: 34248
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.6
145 31.9 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

