

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030520\
 Data File : VN060360.D
 Acq On : 5 Mar 2020 12:21
 Operator : JC/MD
 Sample : VN0305WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBS01

Quant Time: Mar 06 00:42:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	199616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	327034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	298459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143185	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	121350	47.38	ug/l	0.00
Spiked Amount			Recovery	=	94.76%	
35) Dibromofluoromethane	7.56	113	84296	55.53	ug/l	0.00
Spiked Amount			Recovery	=	111.06%	
50) Toluene-d8	10.08	98	354729	46.17	ug/l	0.00
Spiked Amount			Recovery	=	92.34%	
62) 4-Bromofluorobenzene	12.40	95	132805	45.60	ug/l	0.00
Spiked Amount			Recovery	=	91.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	32249	17.621	ug/l	98
3) Chloromethane	2.03	50	57964	18.191	ug/l	100
4) Vinyl Chloride	2.16	62	48270	17.664	ug/l	98
5) Bromomethane	2.55	94	18262	14.916	ug/l	99
6) Chloroethane	2.68	64	26335	17.787	ug/l	94
7) Trichlorofluoromethane	3.00	101	62500	17.901	ug/l	97
8) Diethyl Ether	3.38	74	23592	17.897	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	36908	18.679	ug/l	99
10) Methyl Iodide	3.93	142	32524	18.035	ug/l	99
11) Tert butyl alcohol	4.73	59	38468	101.154	ug/l	98
12) 1,1-Dichloroethene	3.71	96	35997	18.722	ug/l	100
13) Acrolein	3.57	56	33108	93.321	ug/l	100
14) Allyl chloride	4.29	41	67000	18.948	ug/l	98
15) Acrylonitrile	4.94	53	98647	98.413	ug/l	99
16) Acetone	3.78	43	82580	99.848	ug/l	99
17) Carbon Disulfide	4.03	76	91824	17.586	ug/l	99
18) Methyl Acetate	4.28	43	52779	19.123	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	134681	19.343	ug/l	98
20) Methylene Chloride	4.52	84	41805	18.405	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	38038	18.190	ug/l	98
22) Diisopropyl ether	5.91	45	144088	20.117	ug/l	99
23) Vinyl Acetate	5.86	43	565417	99.345	ug/l	99
24) 1,1-Dichloroethane	5.82	63	79381	19.579	ug/l	99
25) 2-Butanone	6.80	43	137355	102.819	ug/l	99
26) 2,2-Dichloropropane	6.79	77	72240	19.572	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	47818	18.156	ug/l	99
28) Bromochloromethane	7.17	49	29717	17.852	ug/l	98
29) Tetrahydrofuran	7.18	42	92583	99.664	ug/l	98
30) Chloroform	7.34	83	78533	19.458	ug/l	97
31) Cyclohexane	7.63	56	71026	19.717	ug/l	96
32) 1,1,1-Trichloroethane	7.54	97	70275	19.652	ug/l	99
36) 1,1-Dichloropropene	7.77	75	58238	18.685	ug/l	99
37) Ethyl Acetate	6.89	43	59014	19.996	ug/l	99
38) Carbon Tetrachloride	7.75	117	56842	18.731	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	67274	18.307	ug/l	98
40) Benzene	8.02	78	173678	19.145	ug/l	99
41) Methacrylonitrile	7.18	41	85533	62.768	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	64123	19.588	ug/l	100
43) Isopropyl Acetate	8.14	43	101710	19.686	ug/l	100
44) Trichloroethene	8.82	130	47888	18.954	ug/l	98
45) 1,2-Dichloropropane	9.10	63	48236	20.337	ug/l	100
46) Dibromomethane	9.19	93	29317	19.050	ug/l	98
47) Bromodichloromethane	9.39	83	62707	20.034	ug/l	98
48) Methyl methacrylate	9.18	41	44494	18.885	ug/l	97
49) 1,4-Dioxane	9.18	88	13458	406.190	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	295722	100.951	ug/l	99
52) Toluene	10.14	92	107229	18.817	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	71785	18.717	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	76842	19.335	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	43599	19.026	ug/l	99
56) Ethyl methacrylate	10.42	69	64737	19.664	ug/l	98
57) 1,3-Dichloropropane	10.70	76	74450	19.922	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	155064	90.056	ug/l	100
59) 2-Hexanone	10.74	43	212100	98.614	ug/l	100
60) Dibromochloromethane	10.89	129	45886	19.690	ug/l	98
61) 1,2-Dibromoethane	10.99	107	43643	19.537	ug/l	97
64) Tetrachloroethene	10.62	164	49897	20.396	ug/l	99
65) Chlorobenzene	11.43	112	112765	18.711	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	43380	19.468	ug/l	98
67) Ethyl Benzene	11.50	91	208537	19.001	ug/l	99
68) m/p-Xylenes	11.62	106	157325	37.994	ug/l	100
69) o-Xylene	11.94	106	76166	19.289	ug/l	100
70) Styrene	11.96	104	120655	18.585	ug/l	99
71) Bromoform	12.12	173	31473	19.598	ug/l #	100
73) Isopropylbenzene	12.25	105	206529	19.461	ug/l	99
74) N-amyl acetate	12.06	43	88720	19.131	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	57568	19.956	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	82297	26.197	ug/l #	100
77) Bromobenzene	12.52	156	49440	19.005	ug/l	100
78) n-propylbenzene	12.59	91	238199	19.148	ug/l	99
79) 2-Chlorotoluene	12.67	91	139113	19.024	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	171285	19.169	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	22137	19.452	ug/l #	86
82) 4-Chlorotoluene	12.77	91	144384	18.741	ug/l	99
83) tert-Butylbenzene	12.99	119	149446	19.318	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	172286	19.103	ug/l	100
85) sec-Butylbenzene	13.17	105	198484	19.159	ug/l	100
86) p-Isopropyltoluene	13.28	119	178097	18.574	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	88157	19.606	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	87196	19.407	ug/l	99
89) n-Butylbenzene	13.61	91	160250	18.206	ug/l	99
90) Hexachloroethane	13.87	117	24888	17.932	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	85292	18.711	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12383	18.955	ug/l	94

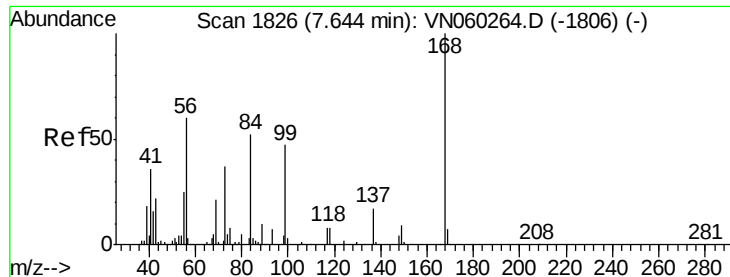
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QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	54002	18.699	ug/l	100
94) Hexachlorobutadiene	15.01	225	27554	20.356	ug/l	99
95) Naphthalene	15.13	128	155290	18.028	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	51614	18.808	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

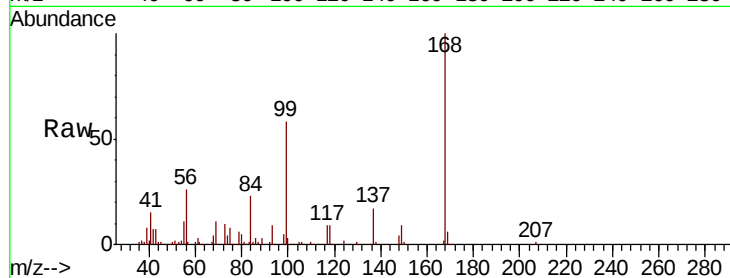
VN0305WBS01

Tot Ion:168 Resp: 199616

Ion Ratio Lower Upper

168 100

99 57.9 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

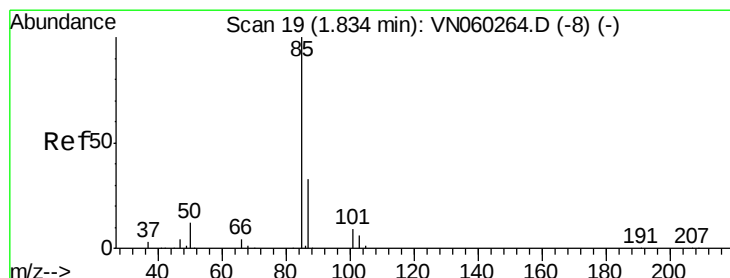
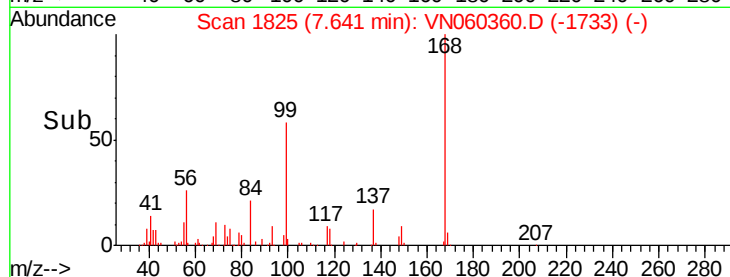
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.621 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060360.D

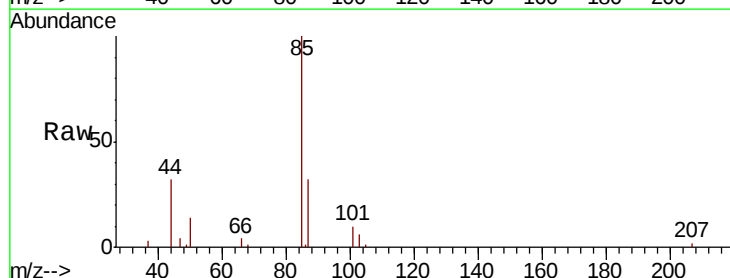
Acq: 5 Mar 2020 12:21

Tgt Ion: 85 Resp: 32249

Ion Ratio Lower Upper

85 100

87 31.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

25000

20000

15000

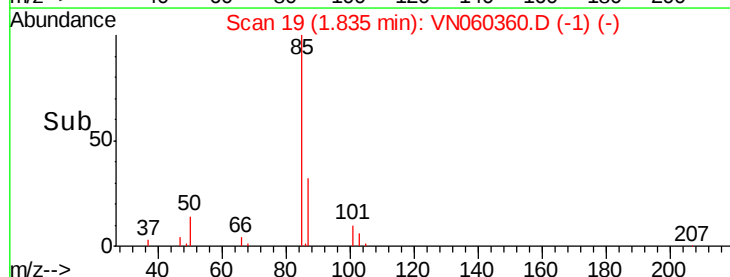
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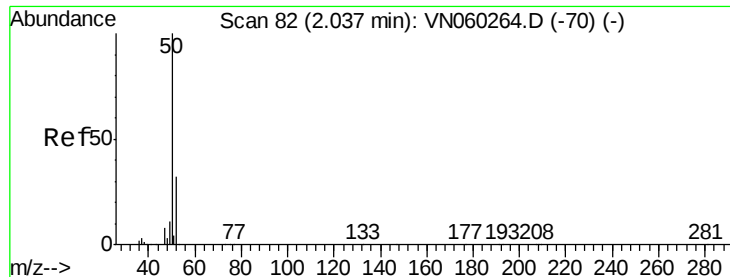
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 18.191 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

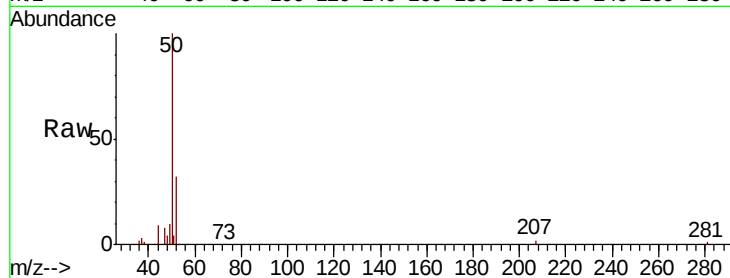
VN0305WBS01

Tot Ion: 50 Resp: 57964

Ion Ratio Lower Upper

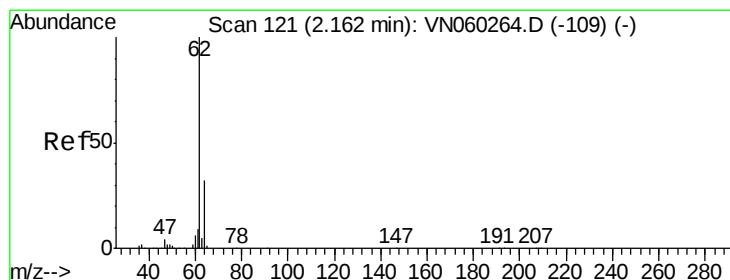
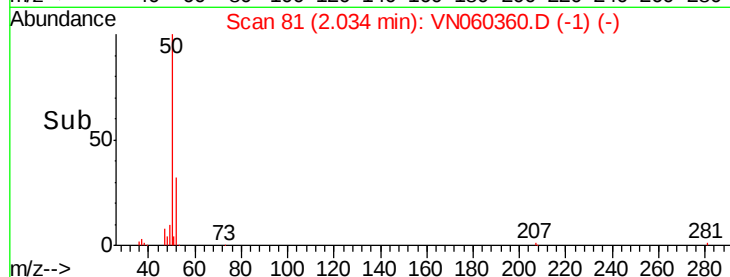
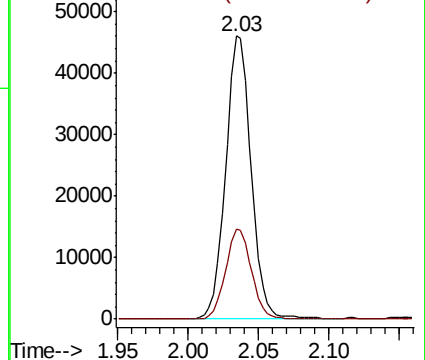
50 100

52 31.7 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.664 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060360.D

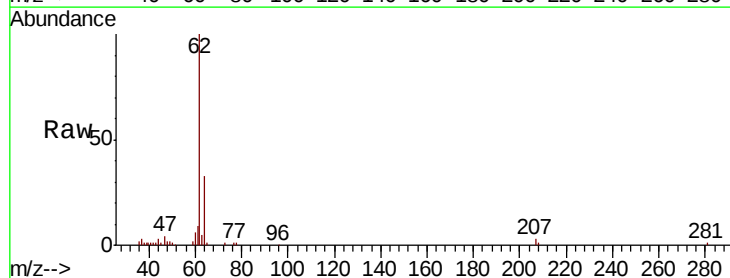
Acq: 5 Mar 2020 12:21

Tgt Ion: 62 Resp: 48270

Ion Ratio Lower Upper

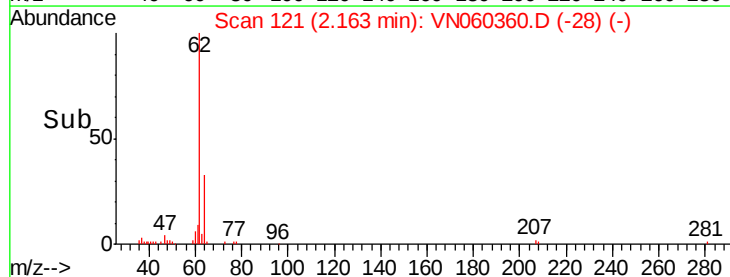
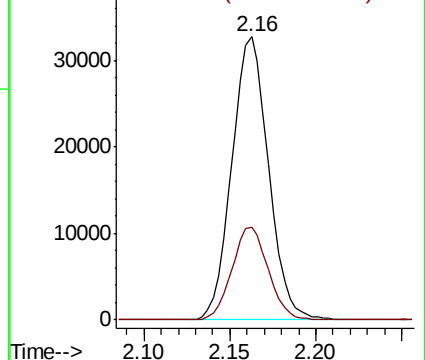
62 100

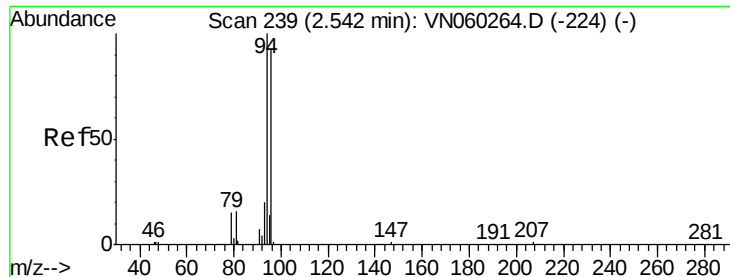
64 32.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 14.916 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampled :

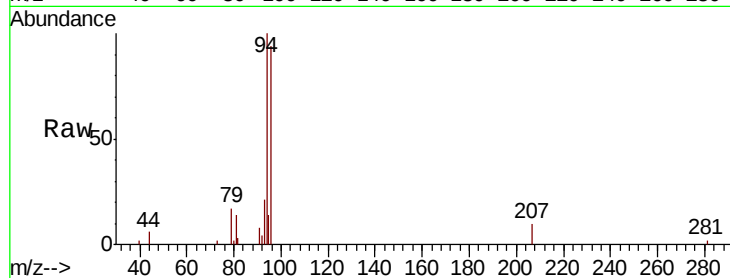
VN0305WBS01

Tot Ion: 94 Resp: 18262

Ion Ratio Lower Upper

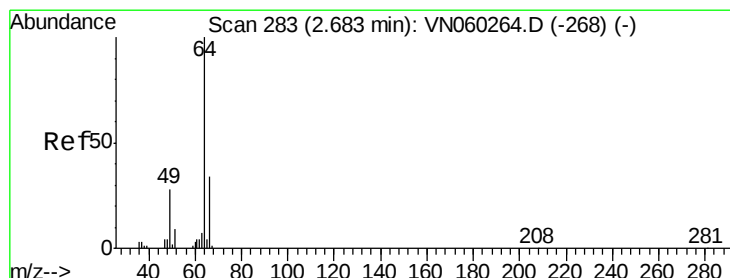
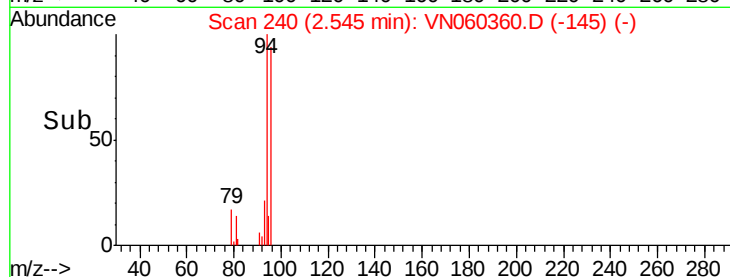
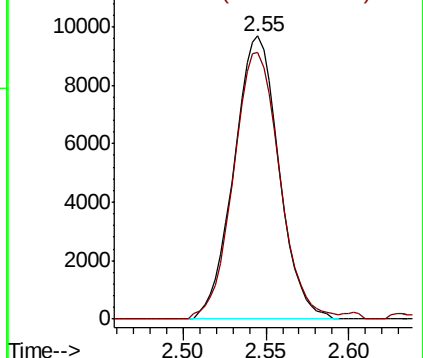
94 100

96 94.0 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.787 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN060360.D

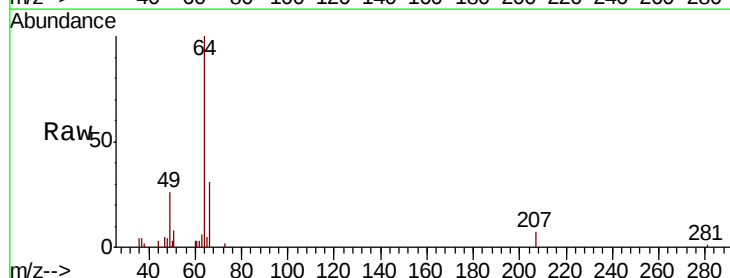
Acq: 5 Mar 2020 12:21

Tgt Ion: 64 Resp: 26335

Ion Ratio Lower Upper

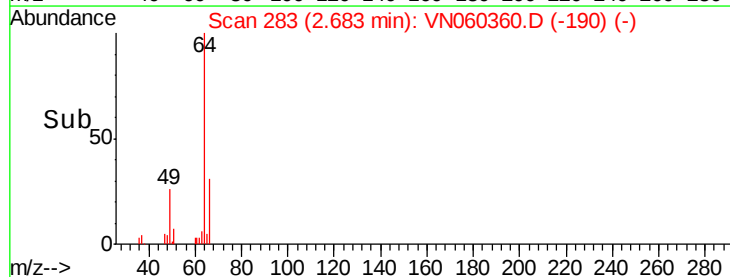
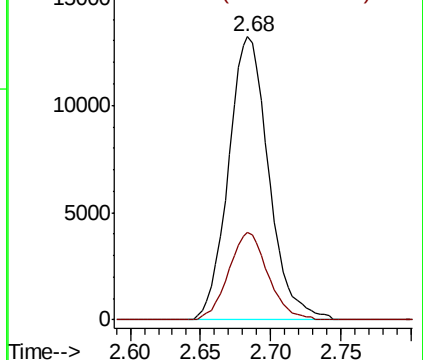
64 100

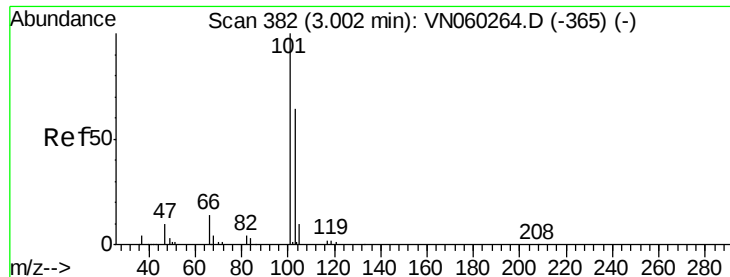
66 30.9 27.4 41.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



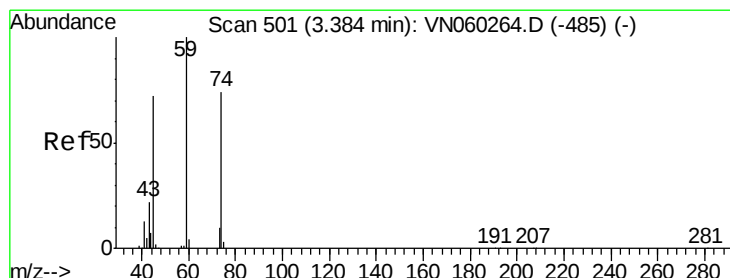
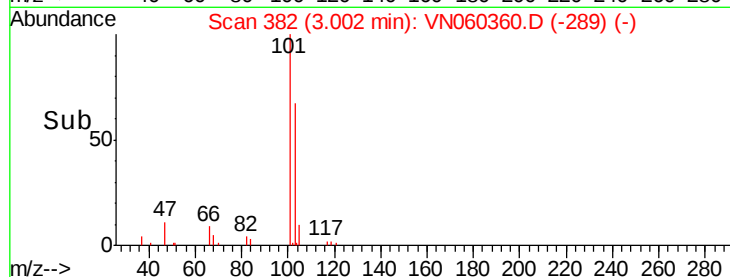
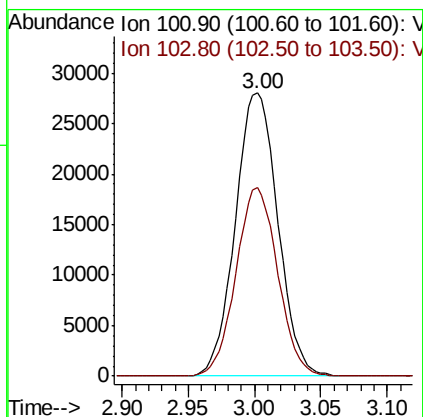
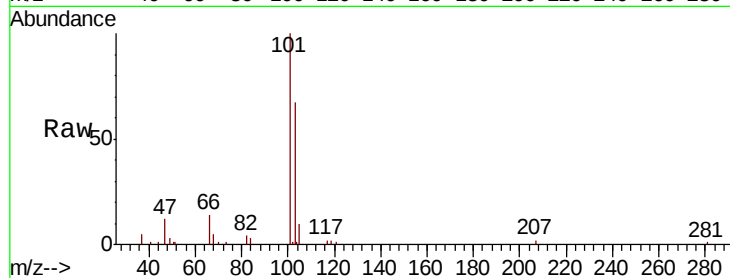


#7

Trichlorofluoromethane
 Concen: 17.901 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBS01

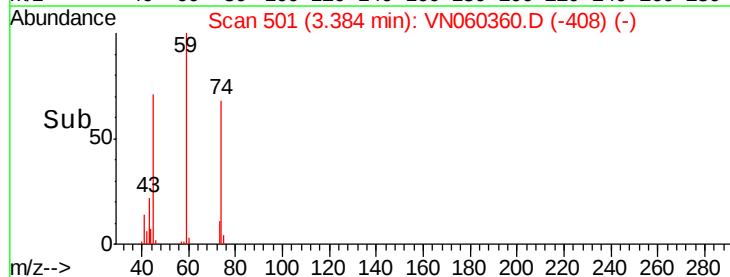
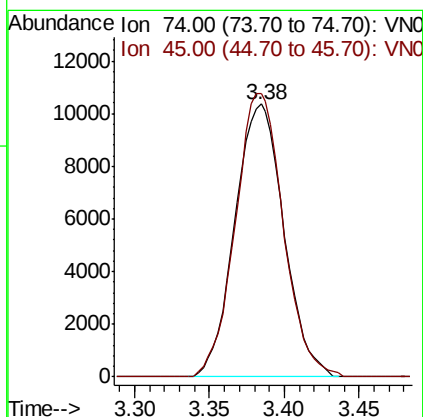
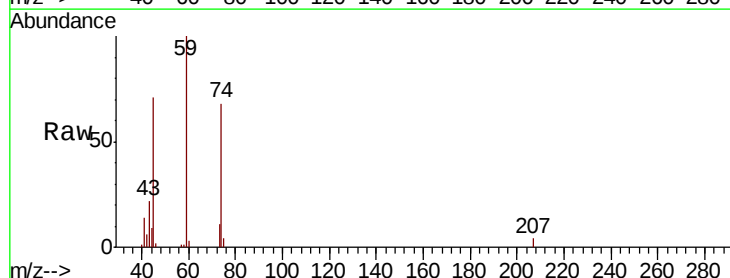
Tot Ion:101 Resp: 62500
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.3 76.9

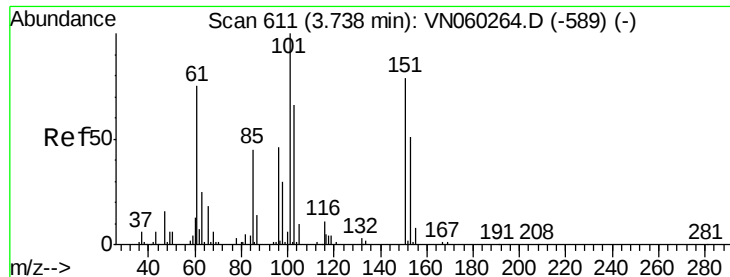


#8

Diethyl Ether
 Concen: 17.897 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Tgt Ion: 74 Resp: 23592
 Ion Ratio Lower Upper
 74 100
 45 101.7 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.679 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBS01

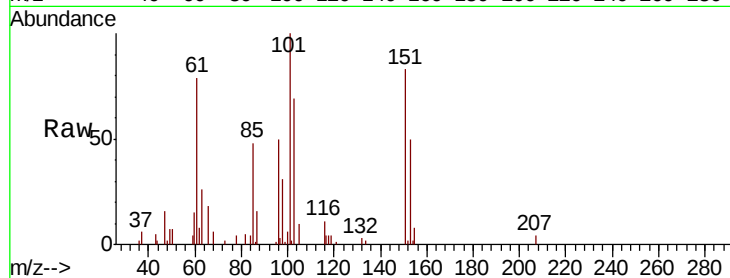
Tot Ion:101 Resp: 36908

Ion Ratio Lower Upper

101 100

85 44.5 35.4 53.2

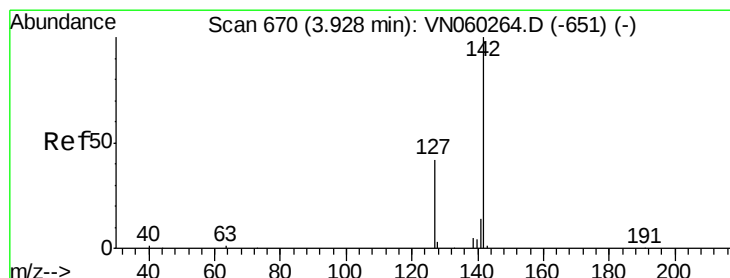
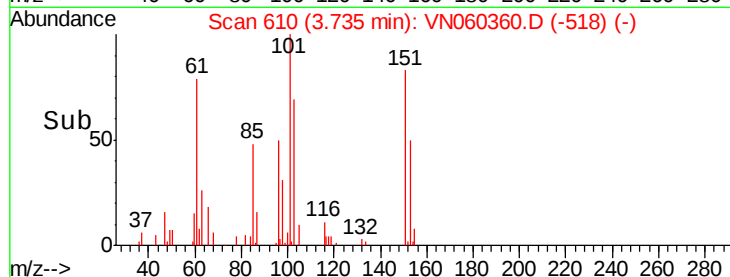
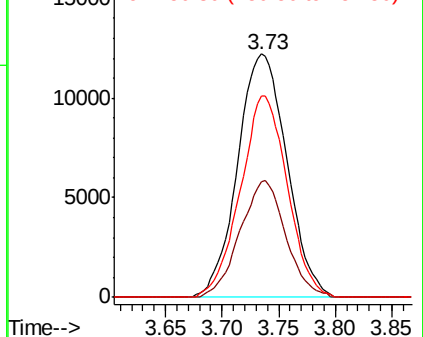
151 78.9 62.0 93.0



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: 18.035 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

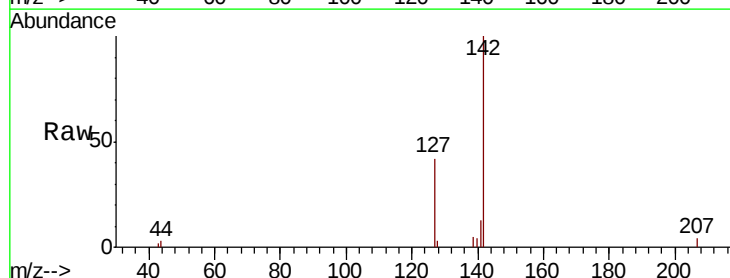
Tgt Ion:142 Resp: 32524

Ion Ratio Lower Upper

142 100

127 42.9 33.8 50.6

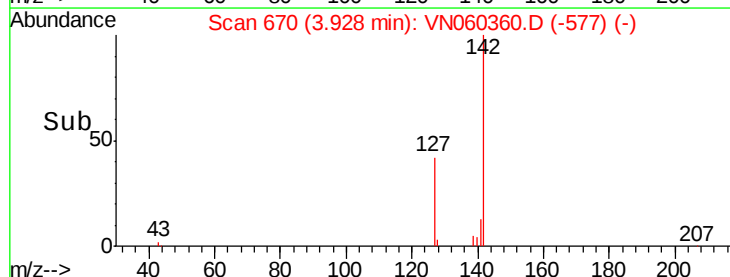
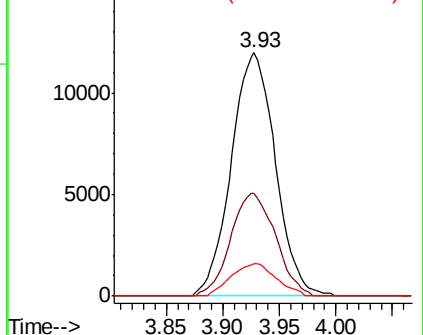
141 13.6 11.1 16.7

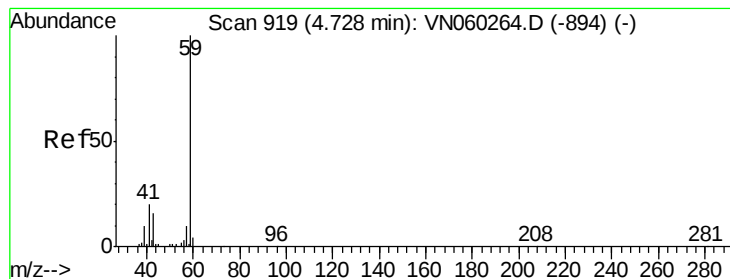


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



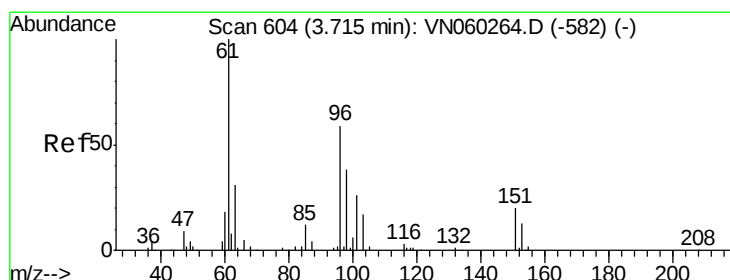
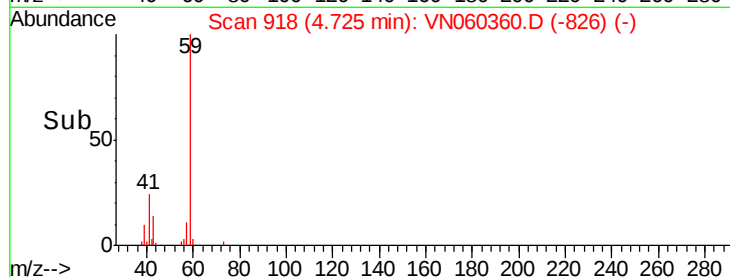
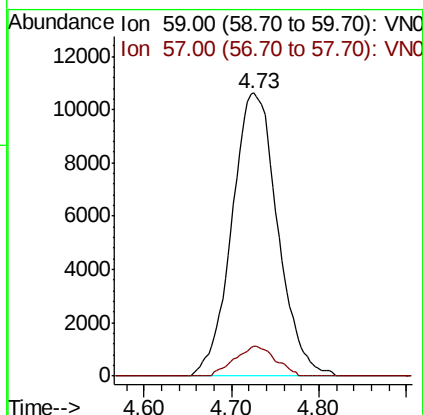
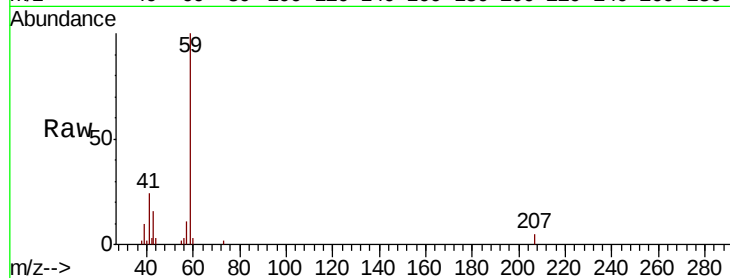


#11

Tert butyl alcohol
 Concen: 101.154 ug/l
 RT: 4.73 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBS01

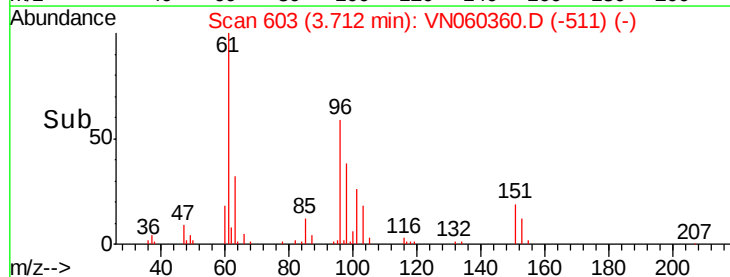
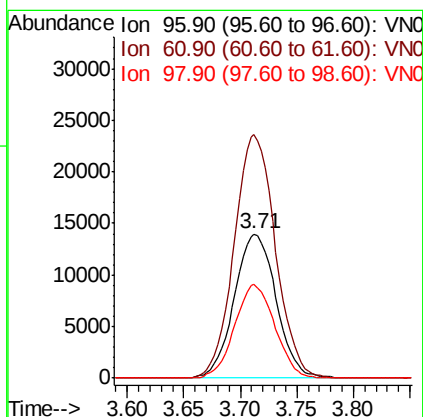
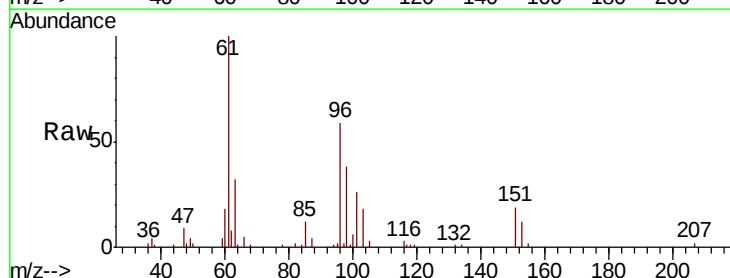
Tot Ion: 59 Resp: 38468
 Ion Ratio Lower Upper
 59 100
 57 9.4 8.2 12.2

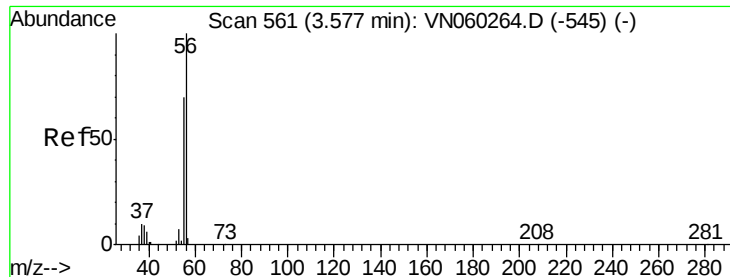


#12

1,1-Dichloroethene
 Concen: 18.722 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Tgt Ion: 96 Resp: 35997
 Ion Ratio Lower Upper
 96 100
 61 168.8 135.4 203.0
 98 64.9 51.6 77.4





#13

Acrolein

Concen: 93.321 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

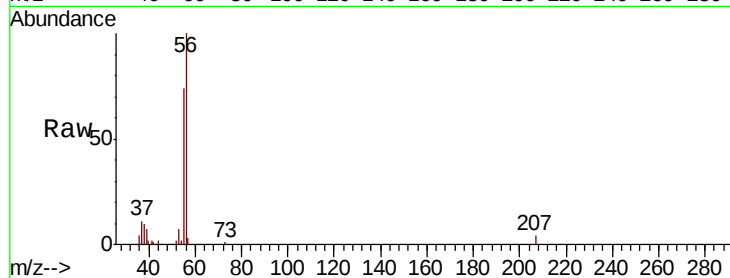
VN0305WBS01

Tot Ion: 56 Resp: 33108

Ion Ratio Lower Upper

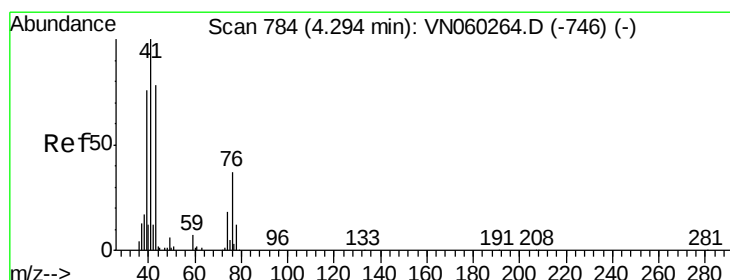
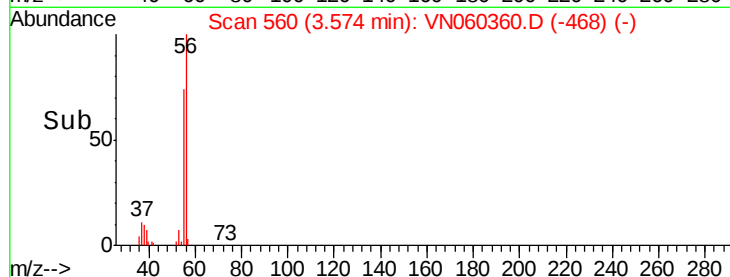
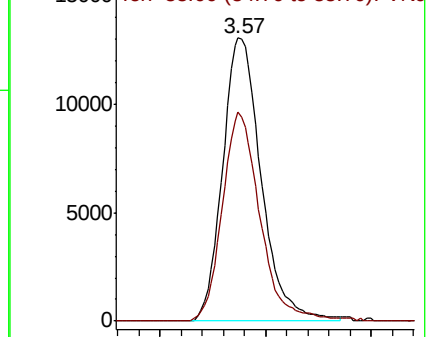
56 100

55 71.6 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN060360.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN060360.D (-545) (-)



#14

Allyl chloride

Concen: 18.948 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

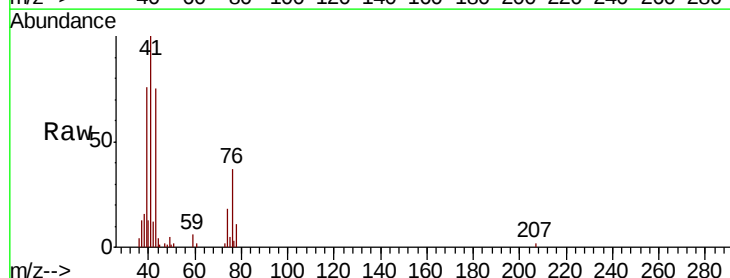
Tgt Ion: 41 Resp: 67000

Ion Ratio Lower Upper

41 100

39 71.4 55.4 83.2

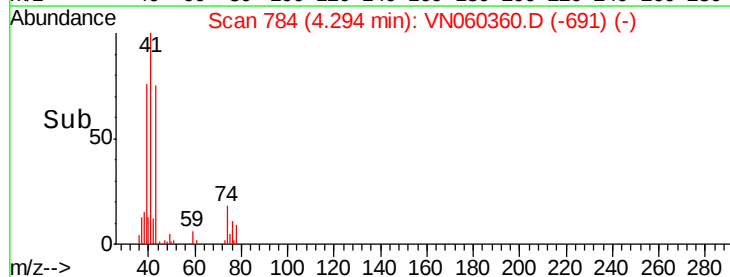
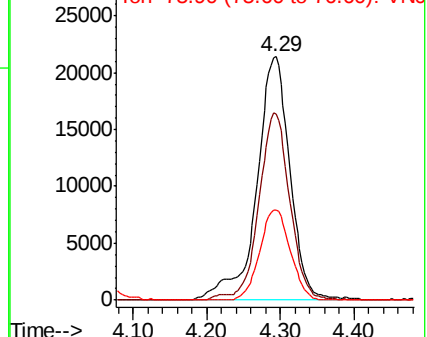
76 34.2 27.0 40.6

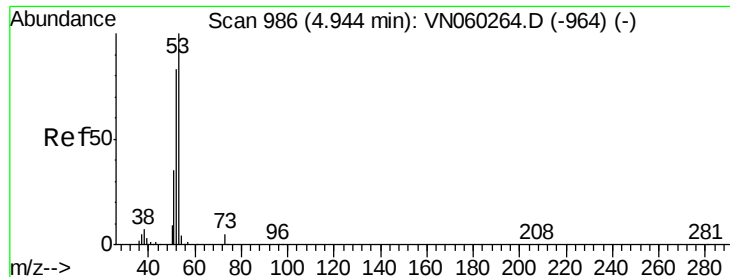


Abundance Ion 41.00 (40.70 to 41.70): VN060360.D (-691) (-)

Ion 39.00 (38.70 to 39.70): VN060360.D (-691) (-)

Ion 75.90 (75.60 to 76.60): VN060360.D (-691) (-)





#15

Acrylonitrile

Concen: 98.413 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBS01

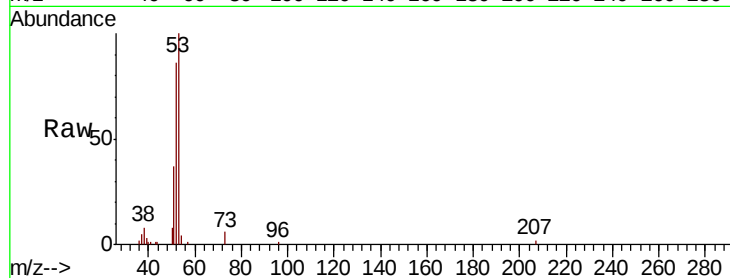
Tot Ion: 53 Resp: 98647

Ion Ratio Lower Upper

53 100

52 82.7 66.8 100.2

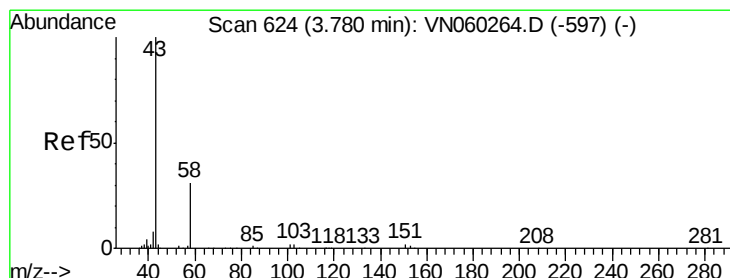
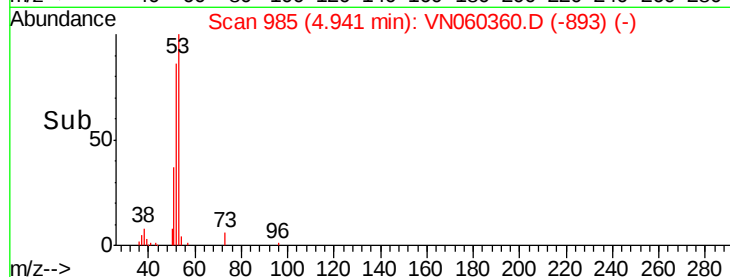
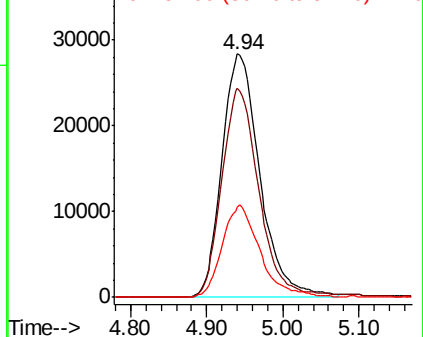
51 37.8 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 99.848 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060360.D

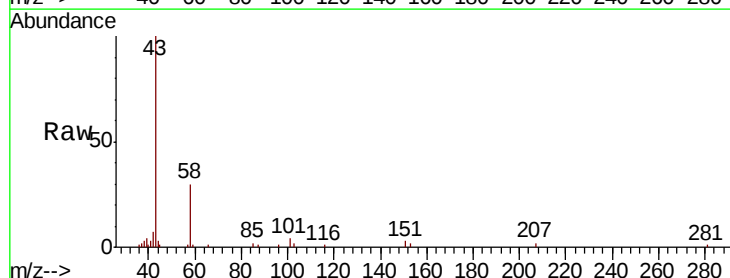
Acq: 5 Mar 2020 12:21

Tgt Ion: 43 Resp: 82580

Ion Ratio Lower Upper

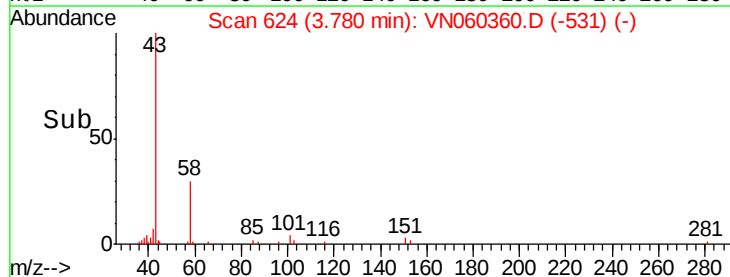
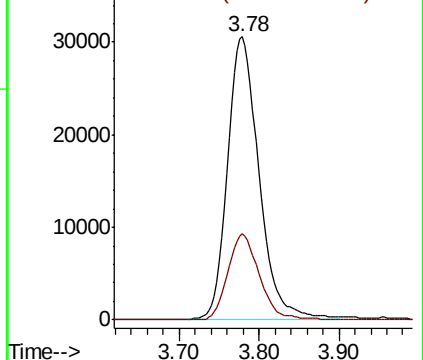
43 100

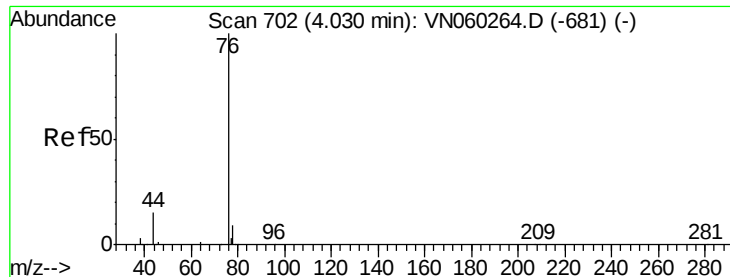
58 30.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

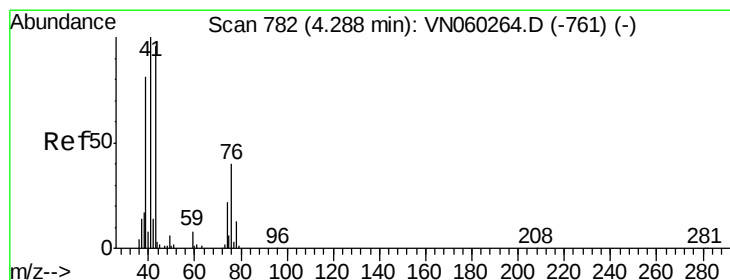
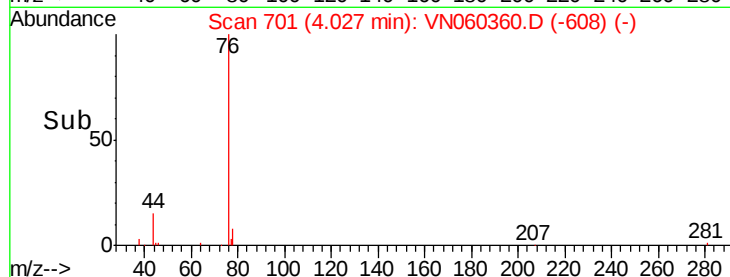
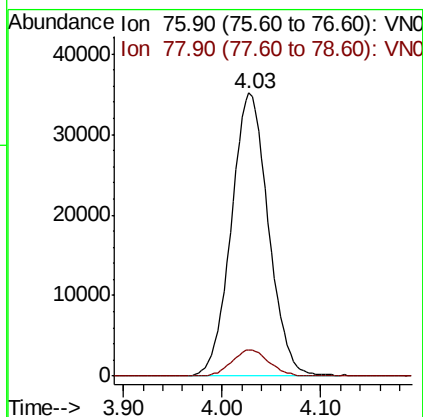
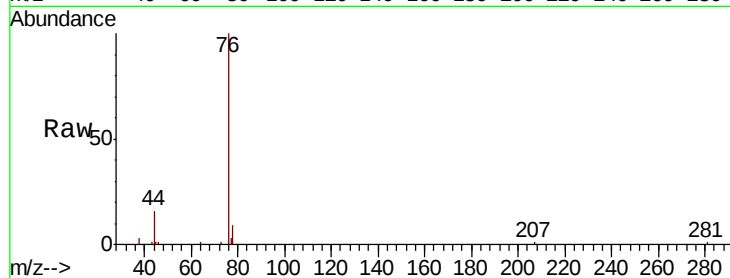




#17
Carbon Disulfide
Concen: 17.586 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

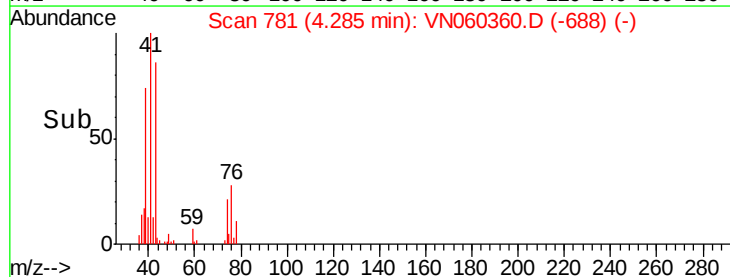
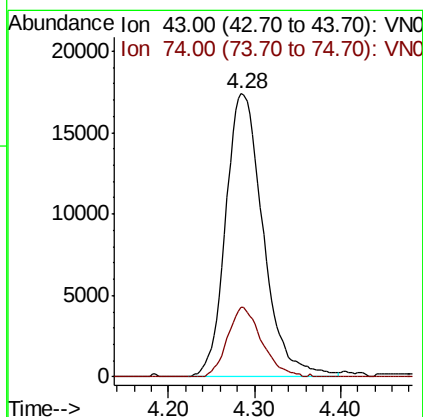
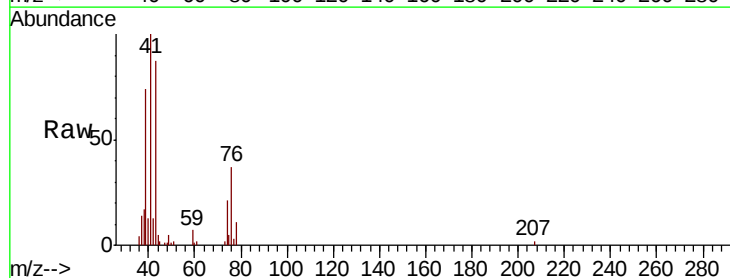
Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

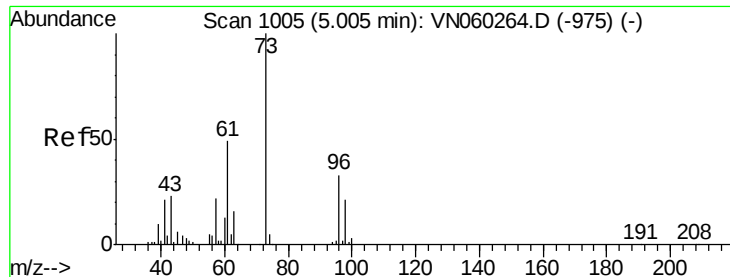
Tot Ion: 76 Resp: 91824
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 19.123 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion: 43 Resp: 52779
Ion Ratio Lower Upper
43 100
74 22.4 18.8 28.2

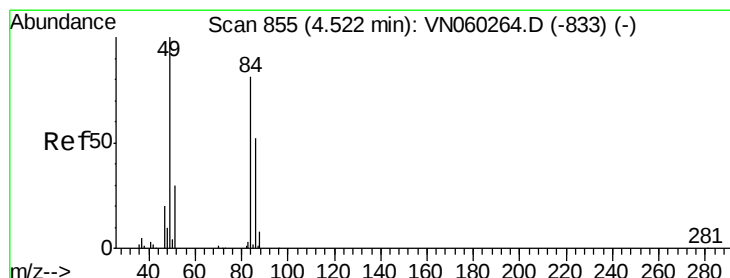
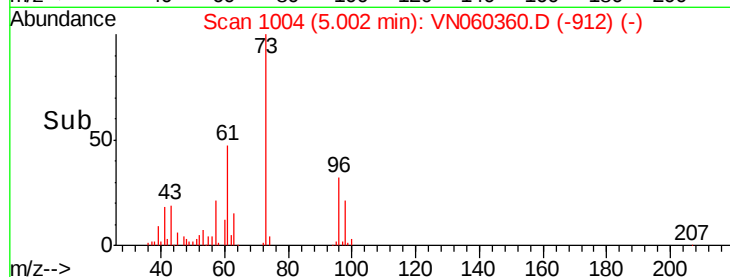
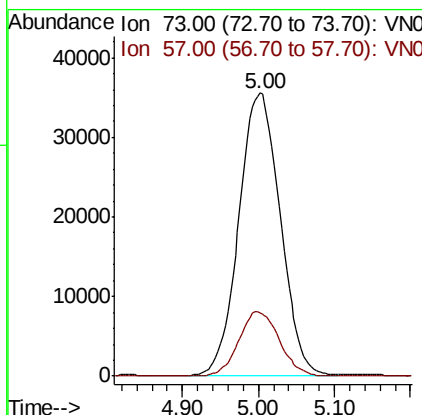
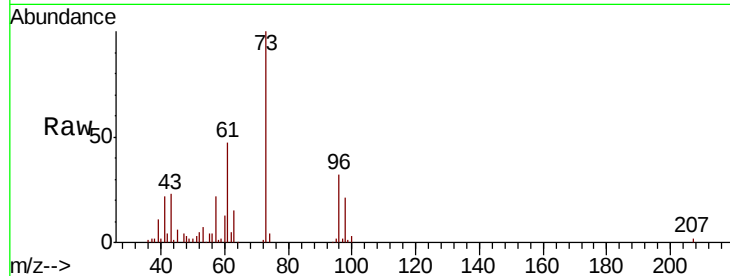




#19
Methyl tert-butyl Ether
Concen: 19.343 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

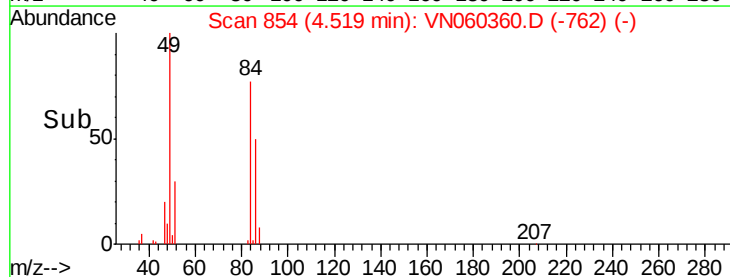
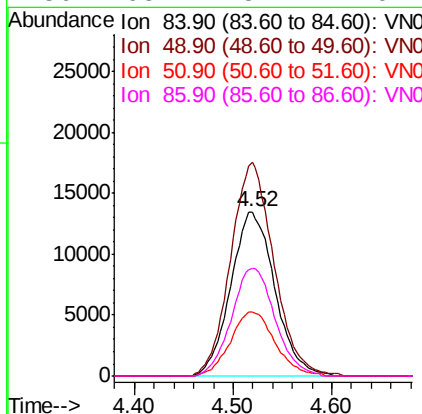
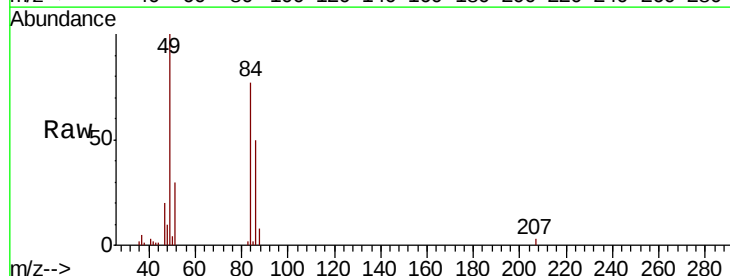
Instrument :
MSVOA_N
ClientSampled :
VN0305WBS01

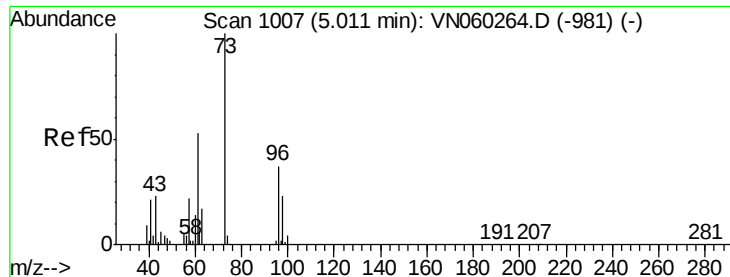
Tot Ion: 73 Resp: 134681
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9



#20
Methylene Chloride
Concen: 18.405 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion: 84 Resp: 41805
Ion Ratio Lower Upper
84 100
49 130.3 99.3 148.9
51 38.8 30.1 45.1
86 65.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.190 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBS01

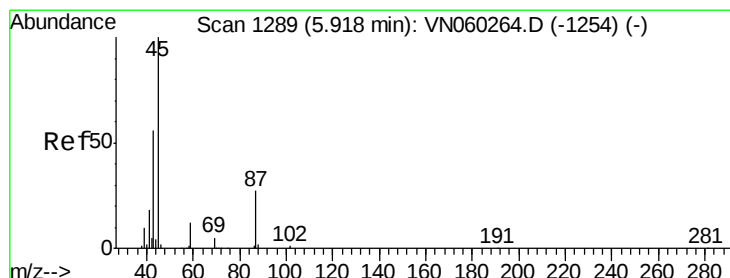
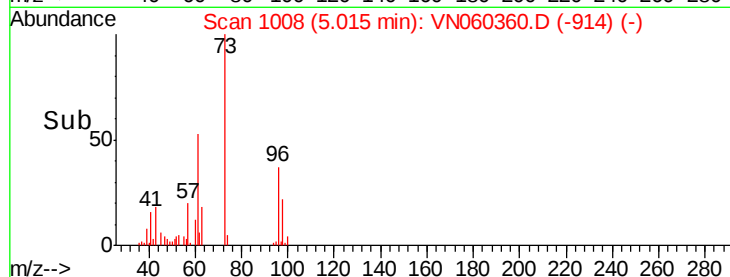
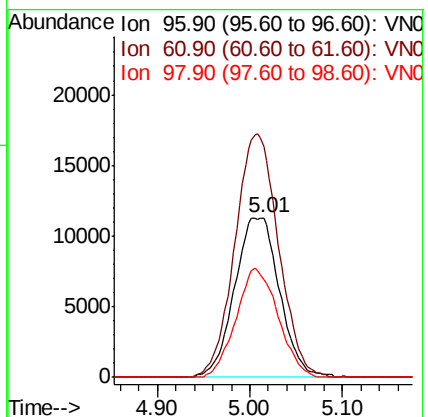
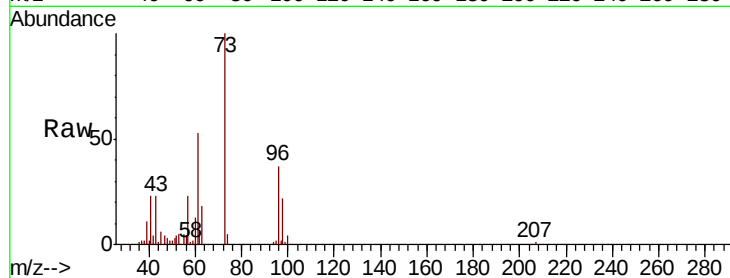
Tot Ion: 96 Resp: 38038

Ion Ratio Lower Upper

96 100

61 144.8 113.8 170.8

98 61.5 48.8 73.2



#22

Diisopropyl ether

Concen: 20.117 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Tgt Ion: 45 Resp: 144088

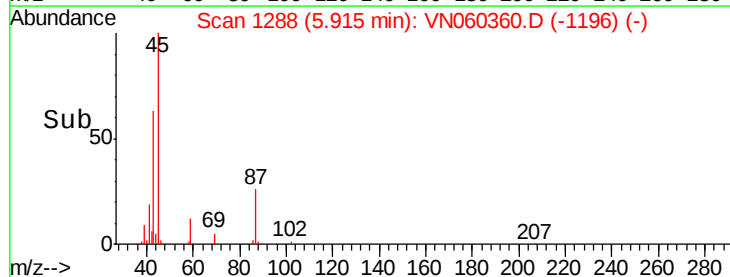
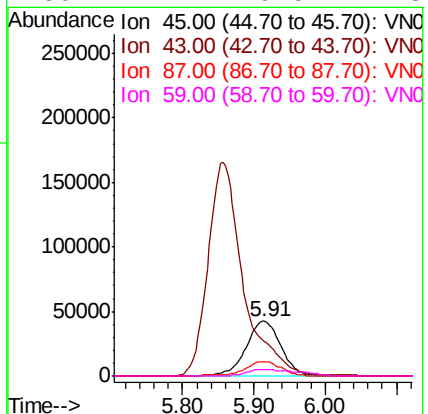
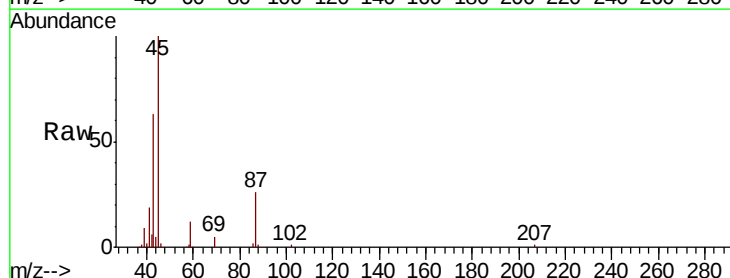
Ion Ratio Lower Upper

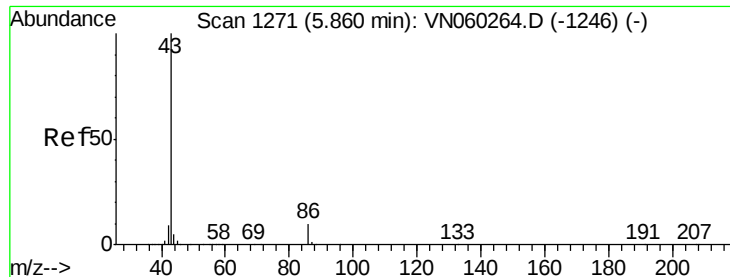
45 100

43 61.6 48.6 72.8

87 26.5 22.2 33.2

59 11.4 9.5 14.3





#23

Vinyl Acetate

Concen: 99.345 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

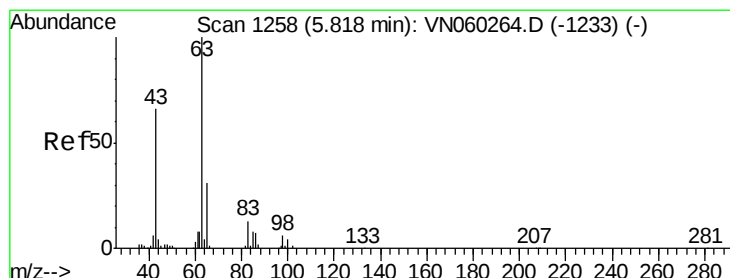
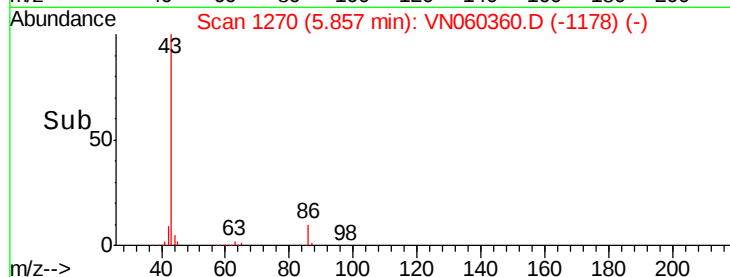
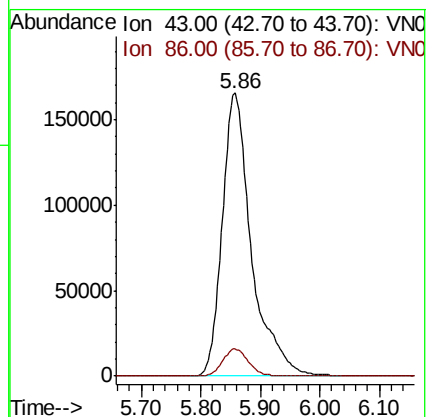
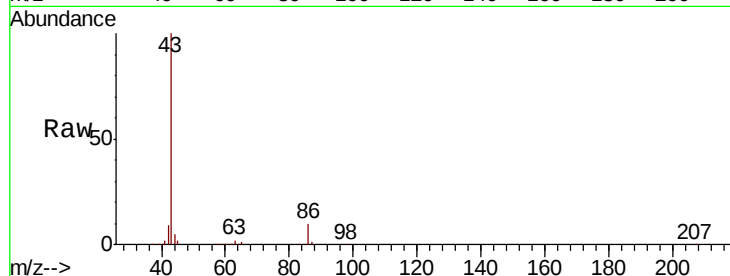
VN0305WBS01

Tot Ion: 43 Resp: 565417

Ion Ratio Lower Upper

43 100

86 9.7 8.0 12.0



#24

1,1-Dichloroethane

Concen: 19.579 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

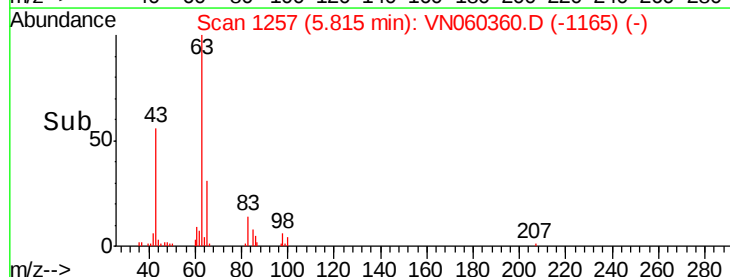
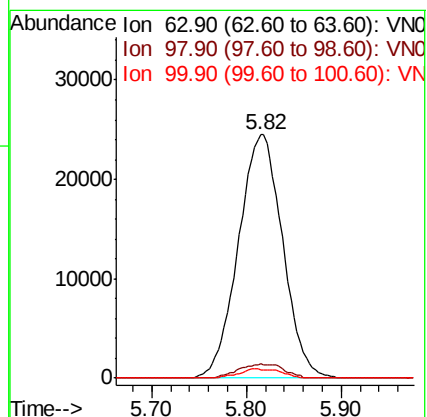
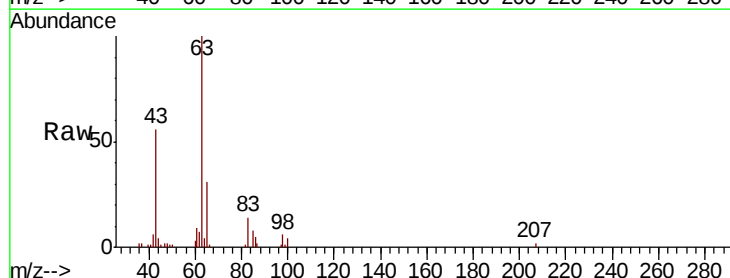
Tgt Ion: 63 Resp: 79381

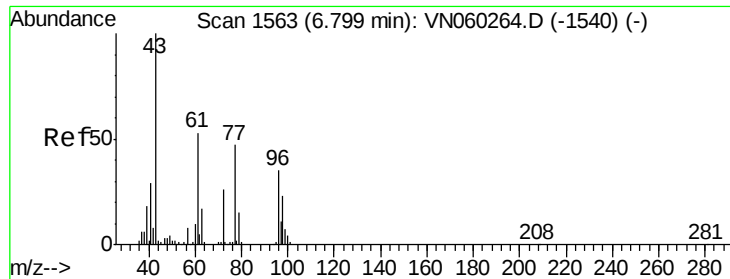
Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.0

100 3.5 2.0 6.0





#25

2-Butanone

Concen: 102.819 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampled :

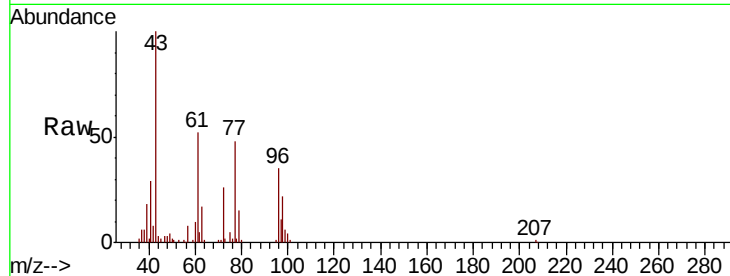
VN0305WBS01

Tot Ion: 43 Resp: 137355

Ion Ratio Lower Upper

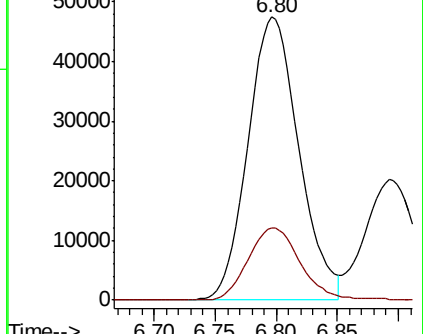
43 100

72 25.7 20.9 31.3

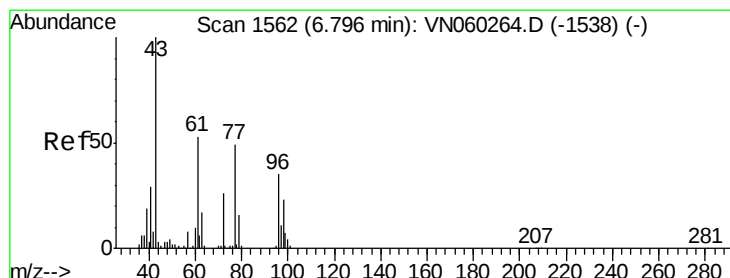
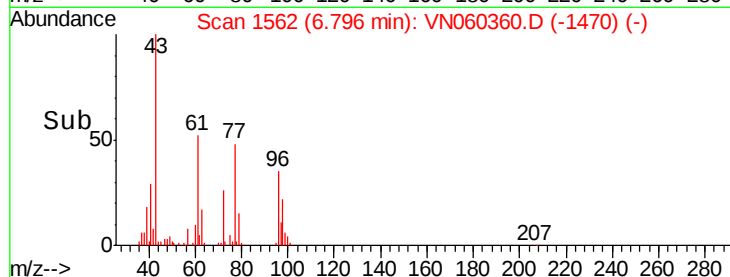


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



Time-->



#26

2,2-Dichloropropane

Concen: 19.572 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060360.D

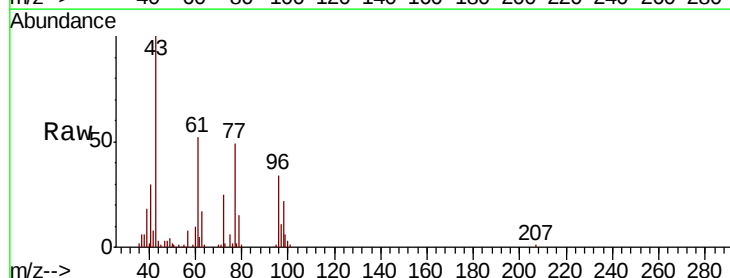
Acq: 5 Mar 2020 12:21

Tgt Ion: 77 Resp: 72240

Ion Ratio Lower Upper

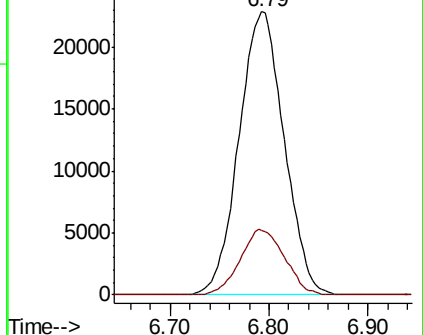
77 100

97 22.6 11.2 33.6

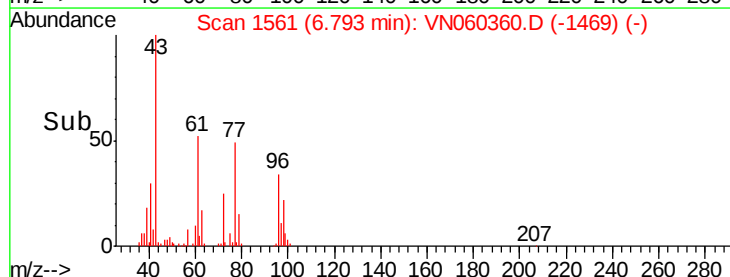


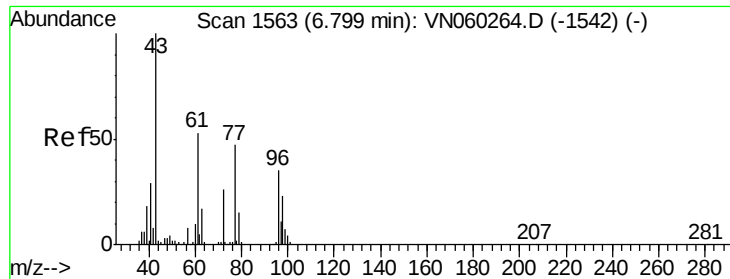
Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0



Time-->

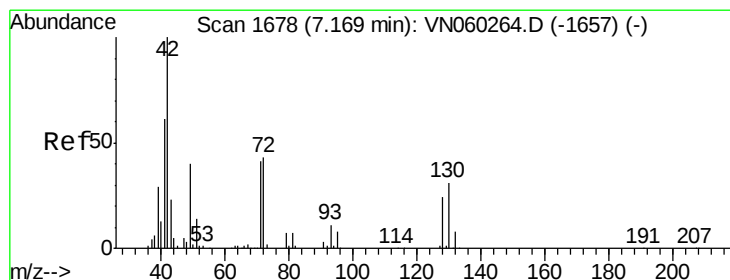
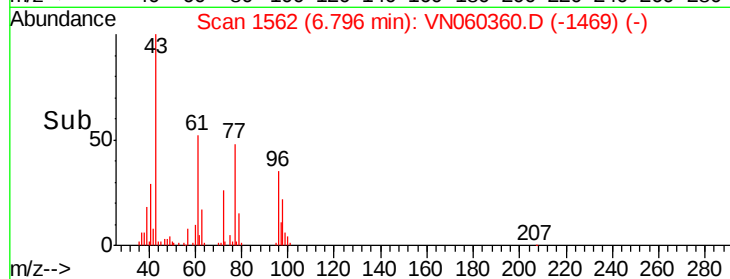
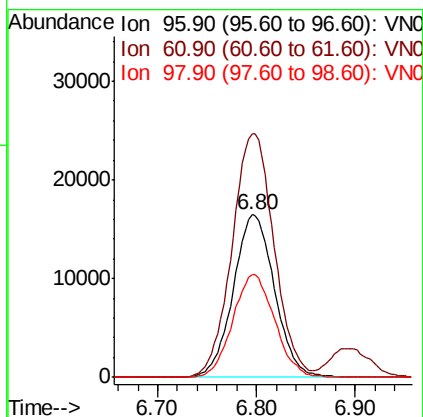
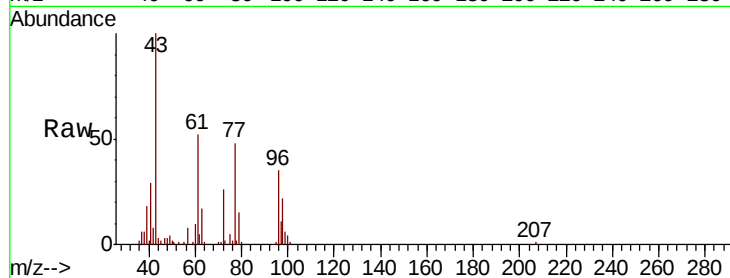




#27
 cis-1,2-Dichloroethene
 Concen: 18.156 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

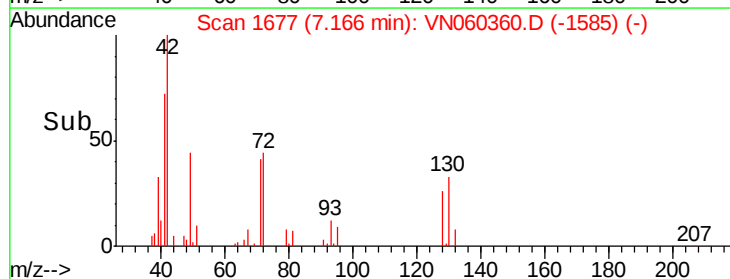
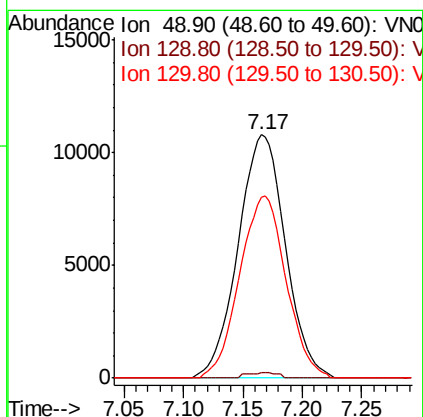
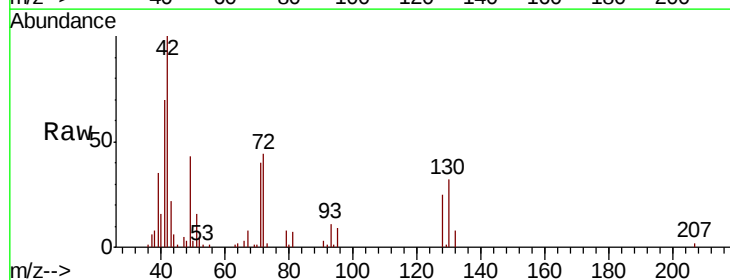
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBS01

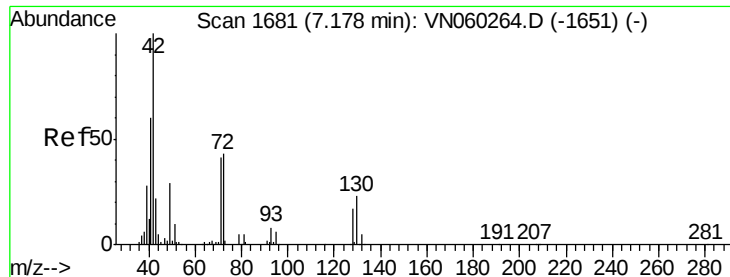
Tot Ion: 96 Resp: 47818
 Ion Ratio Lower Upper
 96 100
 61 152.6 0.0 300.8
 98 64.1 0.0 128.2



#28
 Bromochloromethane
 Concen: 17.852 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Tgt Ion: 49 Resp: 29717
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.8
 130 73.4 59.8 89.8

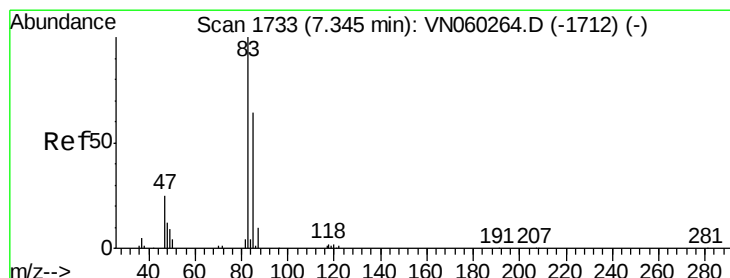
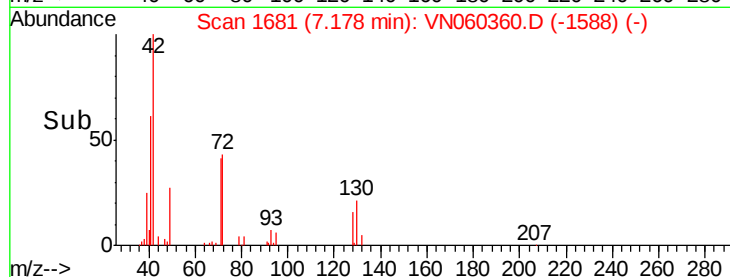
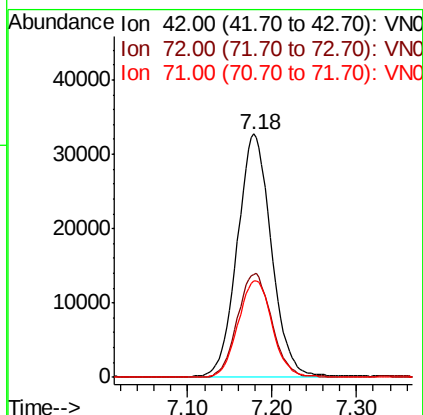
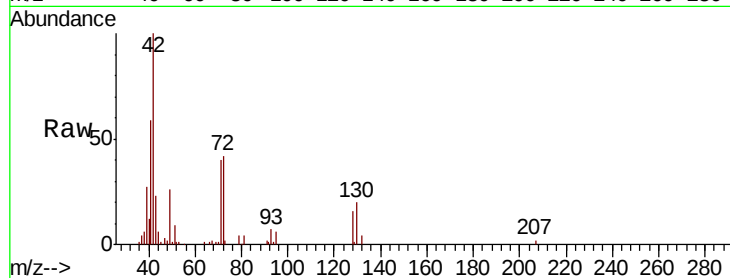




#29
Tetrahydrofuran
Concen: 99.664 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

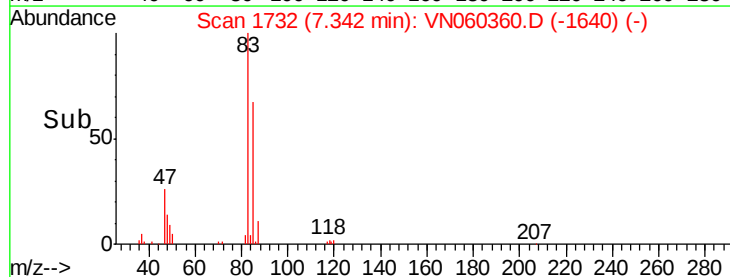
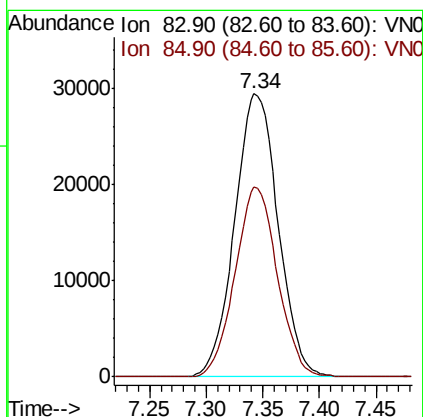
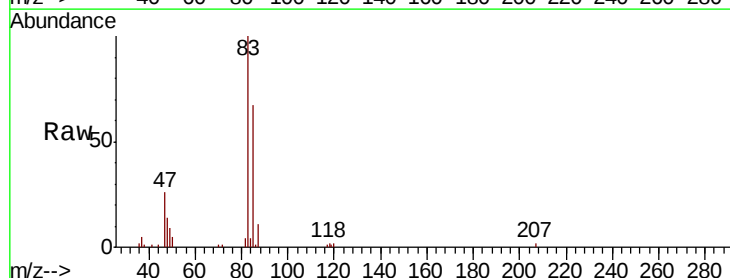
Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

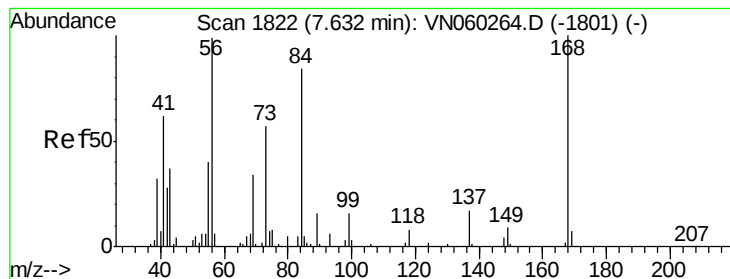
Tot Ion: 42 Resp: 92583
Ion Ratio Lower Upper
42 100
72 42.5 34.6 52.0
71 39.5 32.9 49.3



#30
Chloroform
Concen: 19.458 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion: 83 Resp: 78533
Ion Ratio Lower Upper
83 100
85 67.0 51.4 77.2





#31

Cyclohexane

Concen: 19.717 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBS01

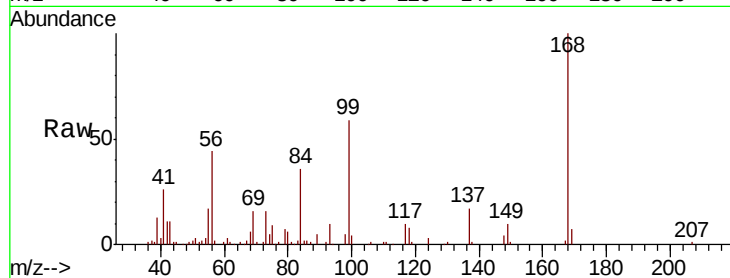
Tot Ion: 56 Resp: 71026

Ion Ratio Lower Upper

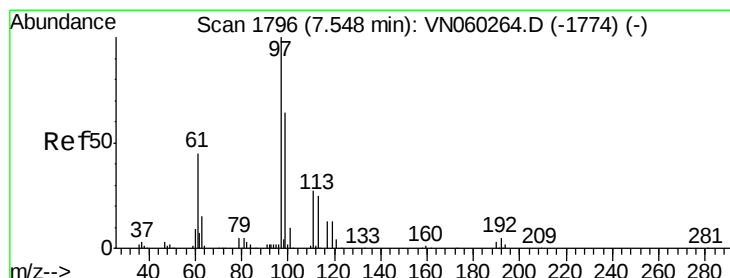
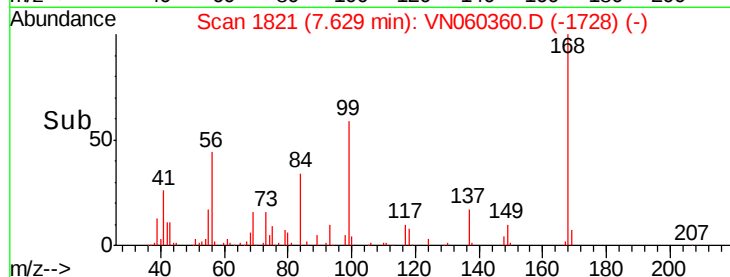
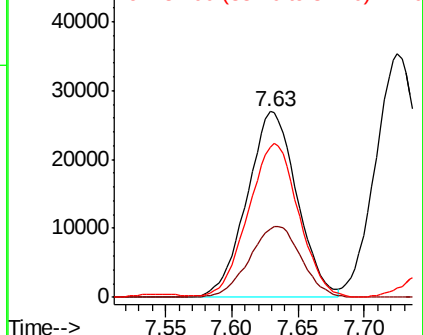
56 100

69 36.6 27.2 40.8

84 80.3 66.7 100.1



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: 19.652 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

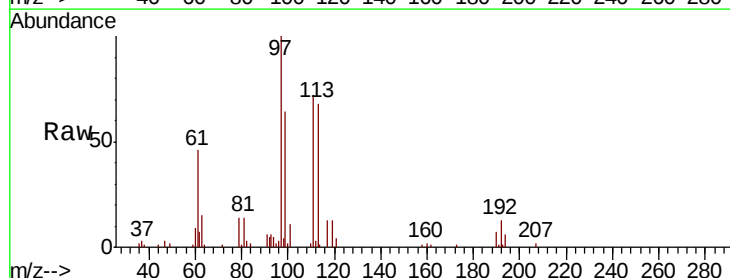
Tgt Ion: 97 Resp: 70275

Ion Ratio Lower Upper

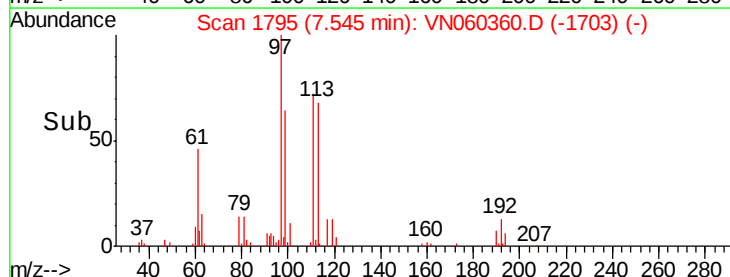
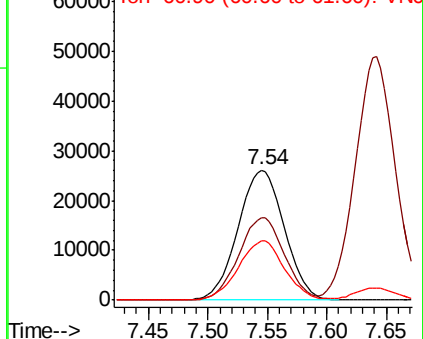
97 100

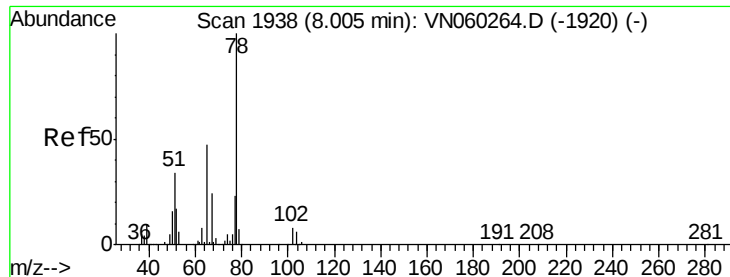
99 62.8 51.4 77.0

61 45.5 36.6 55.0



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: 47.382 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

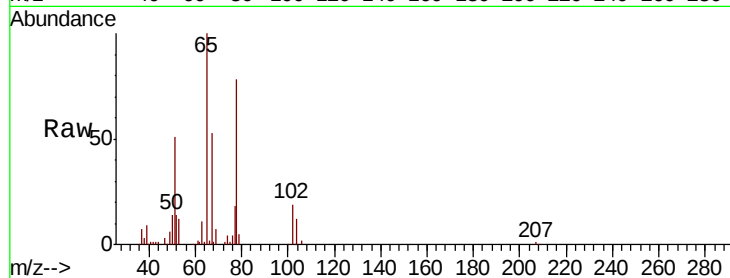
VN0305WBS01

Tot Ion: 65 Resp: 121350

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN060360.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060360.D (-1845) (-)

8.00

60000

50000

40000

30000

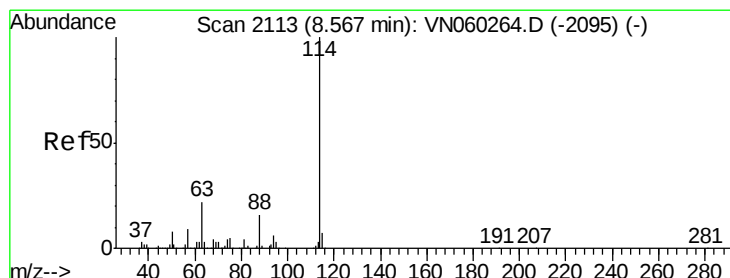
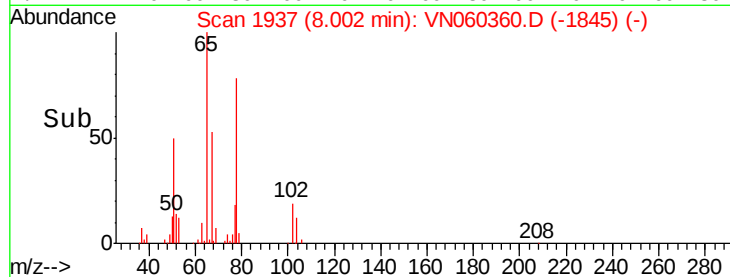
20000

10000

0

Time-->

7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

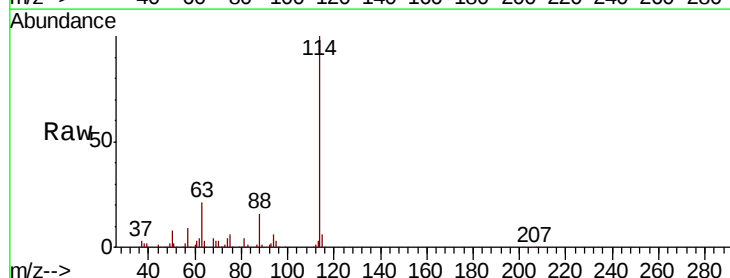
Tgt Ion: 114 Resp: 327034

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.2

88 15.7 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN060360.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN060360.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN060360.D (-2020) (-)

8.56

200000

150000

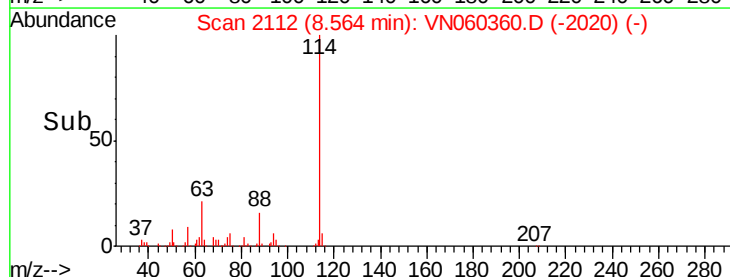
100000

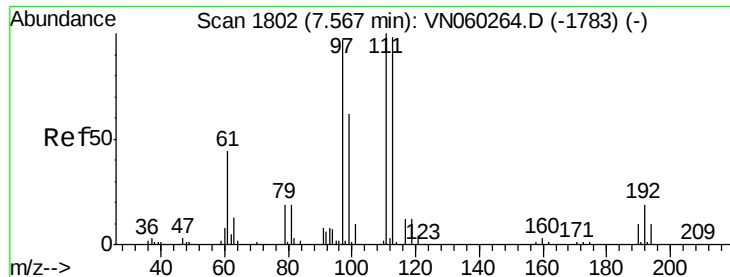
50000

0

Time-->

8.50 8.55 8.60 8.65 8.70





#35

Dibromofluoromethane

Concen: 55.532 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBS01

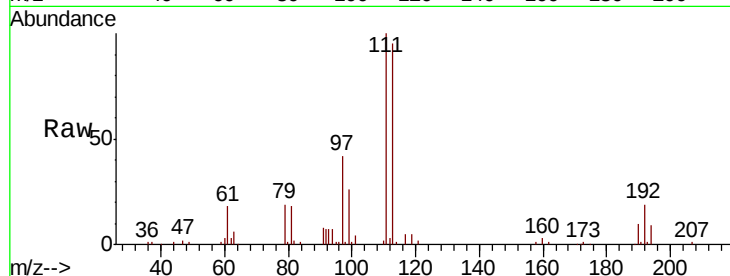
Tot Ion:113 Resp: 84296

Ion Ratio Lower Upper

113 100

111 104.8 82.4 123.6

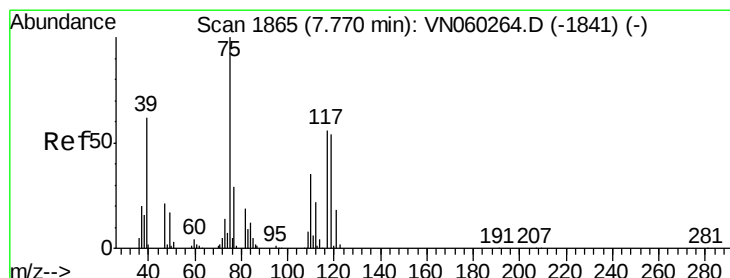
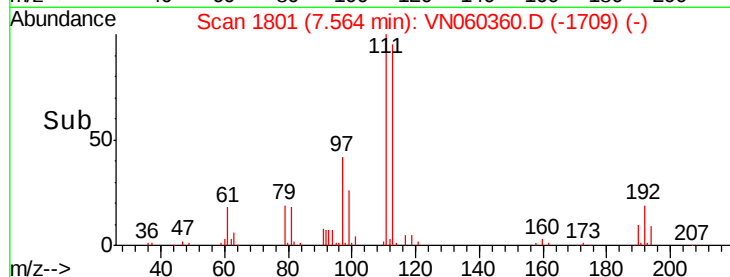
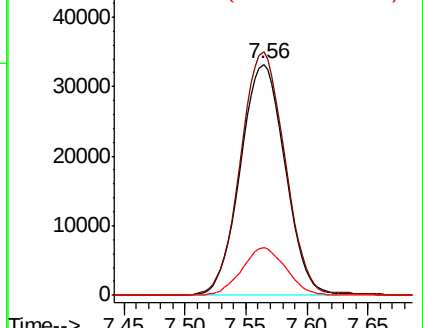
192 20.3 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.685 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

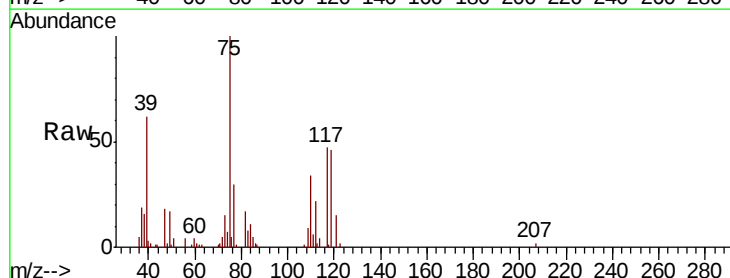
Tgt Ion: 75 Resp: 58238

Ion Ratio Lower Upper

75 100

110 34.0 17.3 52.0

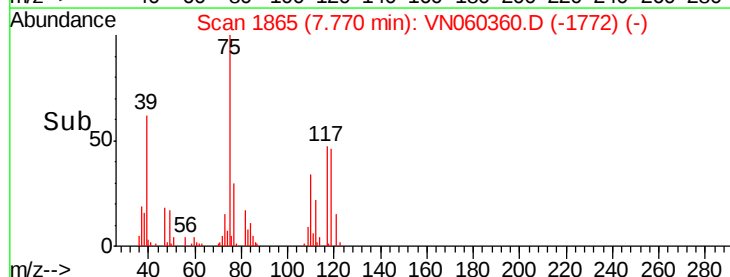
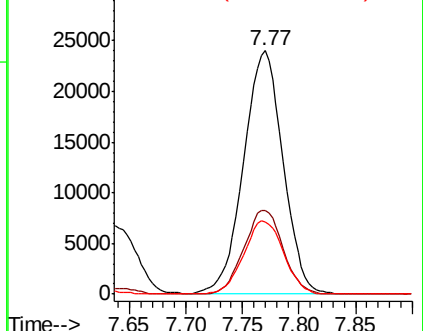
77 30.4 24.2 36.2

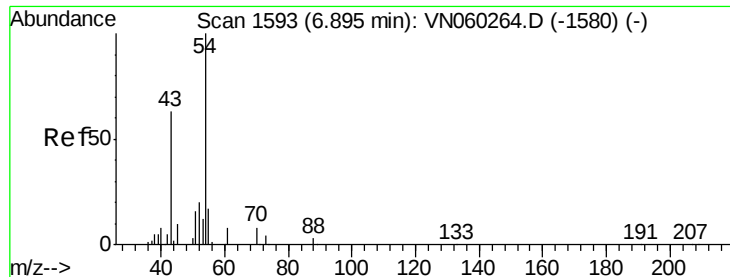


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

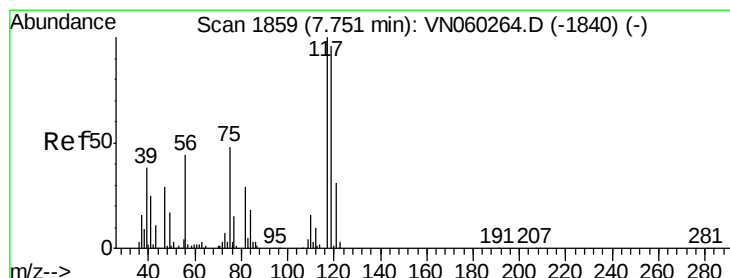
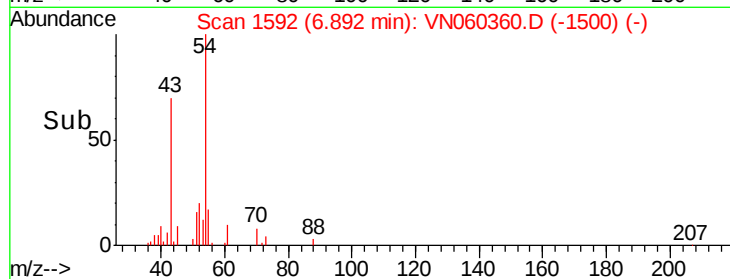
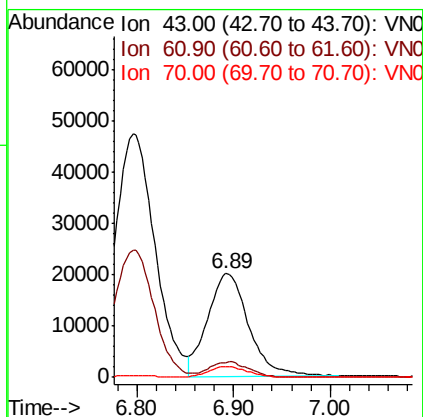
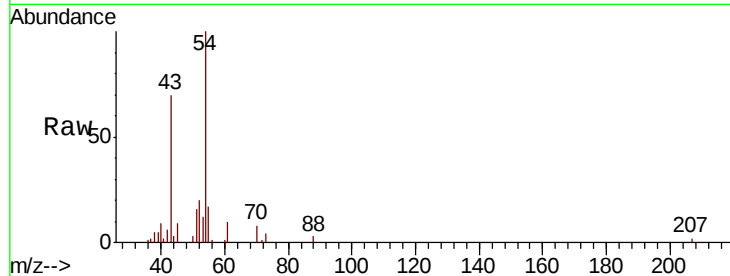




#37
Ethyl Acetate
Concen: 19.996 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

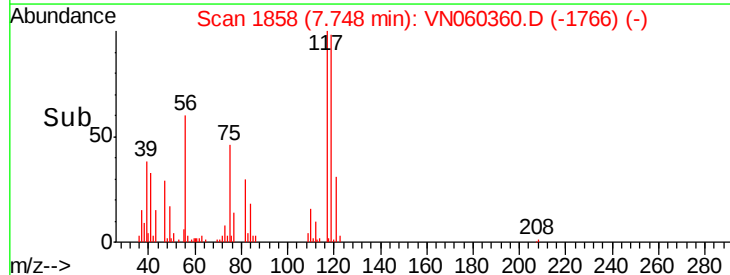
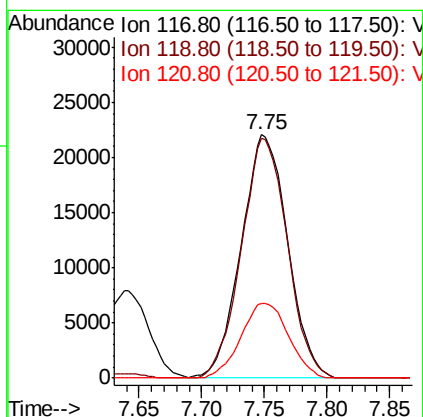
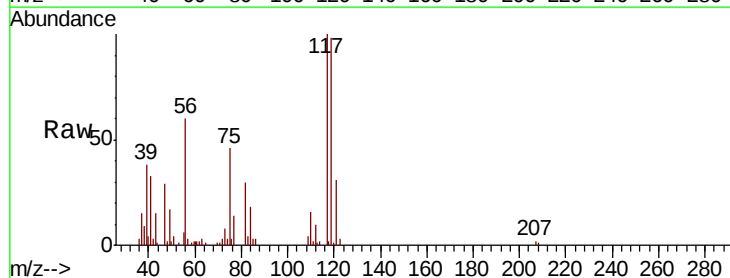
Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

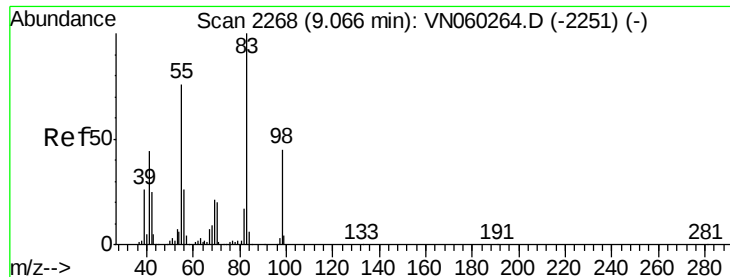
Tot Ion: 43 Resp: 59014
Ion Ratio Lower Upper
43 100
61 14.4 11.1 16.7
70 9.9 8.4 12.6



#38
Carbon Tetrachloride
Concen: 18.731 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion: 117 Resp: 56842
Ion Ratio Lower Upper
117 100
119 98.5 76.7 115.1
121 30.9 24.5 36.7

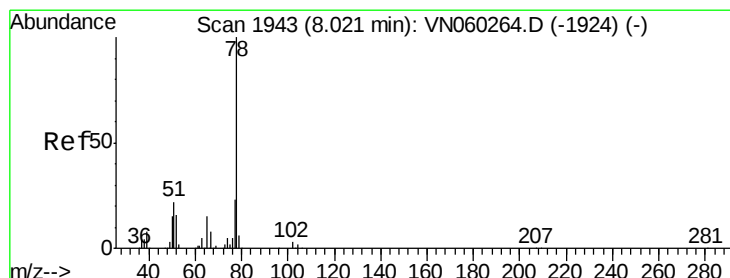
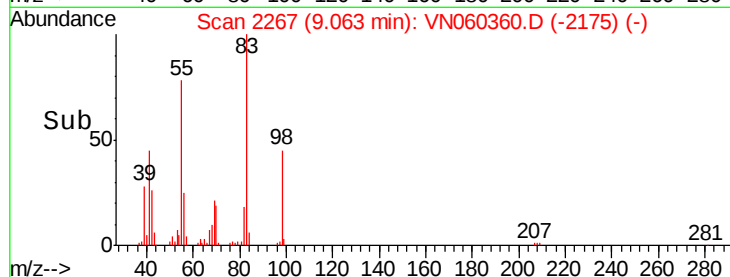
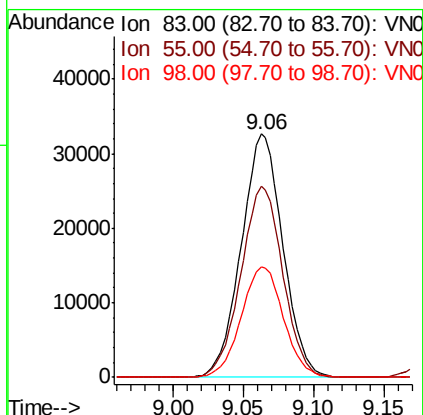
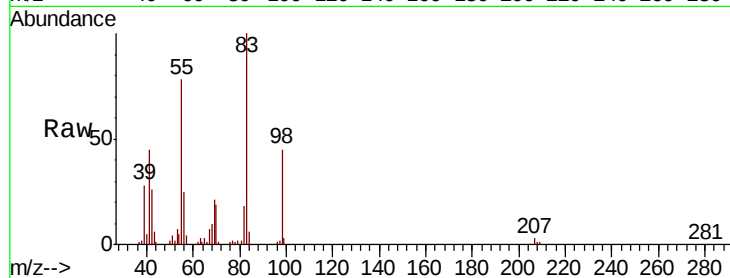




#39
Methvlcvclohexane
Concen: 18.307 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

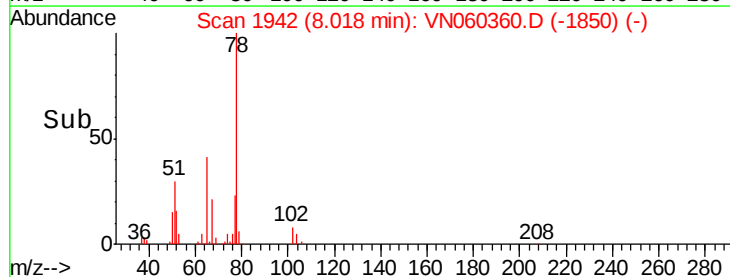
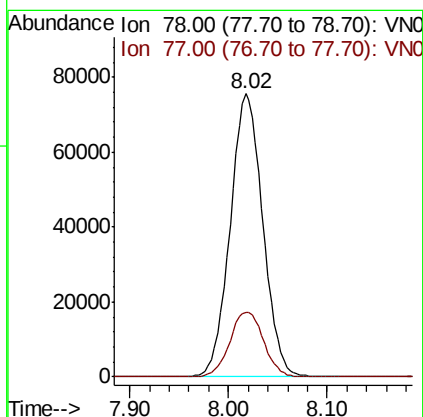
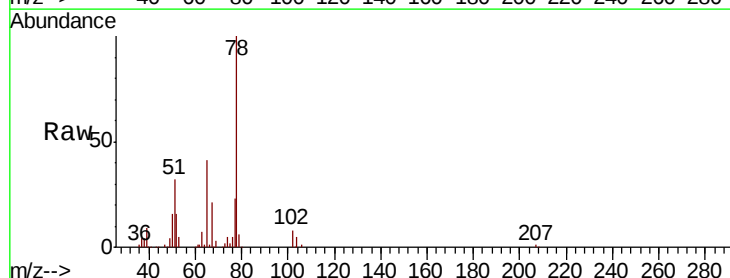
Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

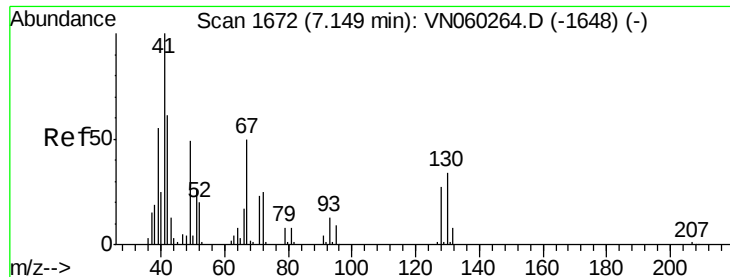
Tot Ion: 83 Resp: 67274
Ion Ratio Lower Upper
83 100
55 78.4 61.0 91.4
98 45.3 36.1 54.1



#40
Benzene
Concen: 19.145 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion: 78 Resp: 173678
Ion Ratio Lower Upper
78 100
77 22.9 18.8 28.2

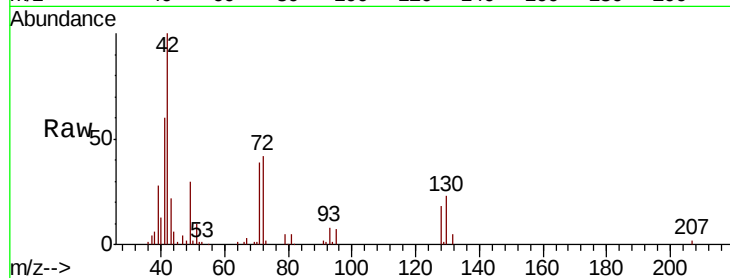




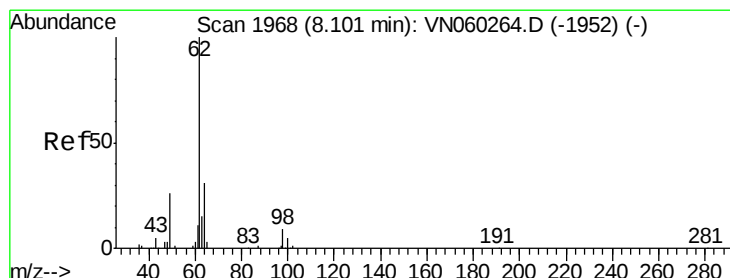
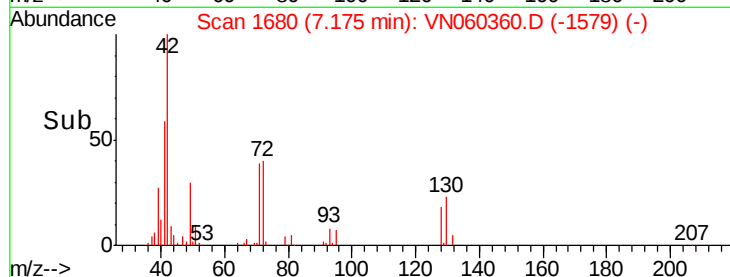
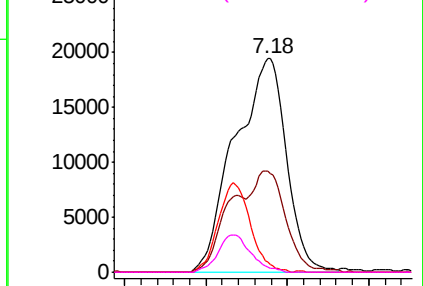
#41
Methacrylonitrile
Concen: 62.768 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

Tot Ion:	41	Resp:	85533
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

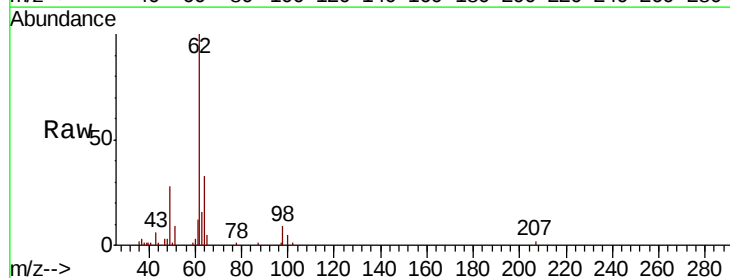


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

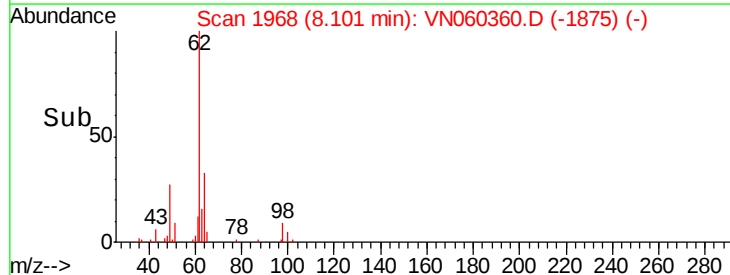
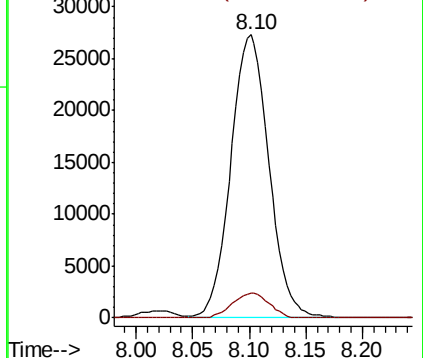


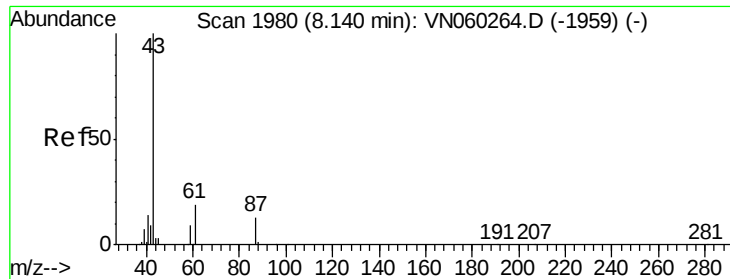
#42
1,2-Dichloroethane
Concen: 19.588 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion:	62	Resp:	64123
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 19.686 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBS01

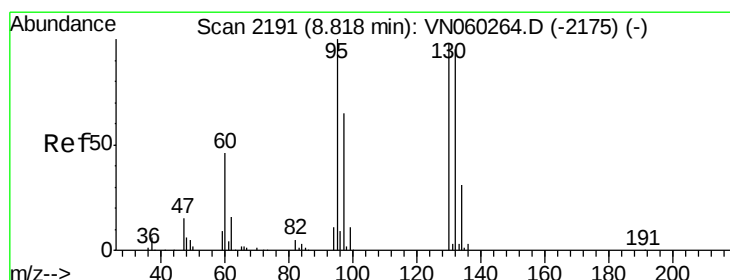
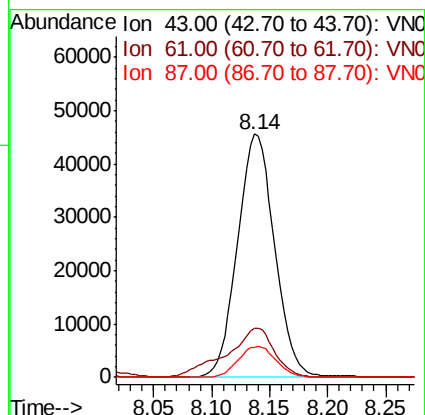
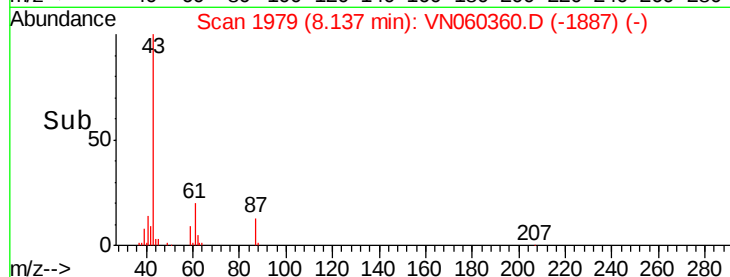
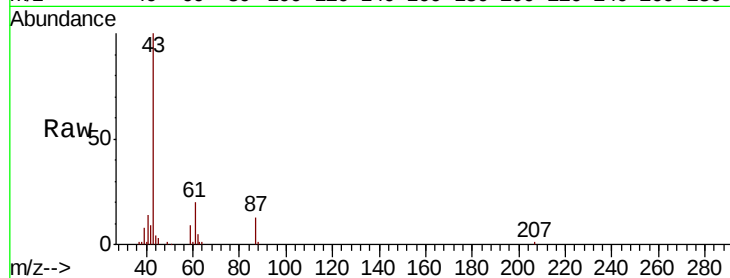
Tot Ion: 43 Resp: 101710

Ion Ratio Lower Upper

43 100

61 26.1 20.9 31.3

87 12.8 10.6 16.0



#44

Trichloroethene

Concen: 18.954 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060360.D

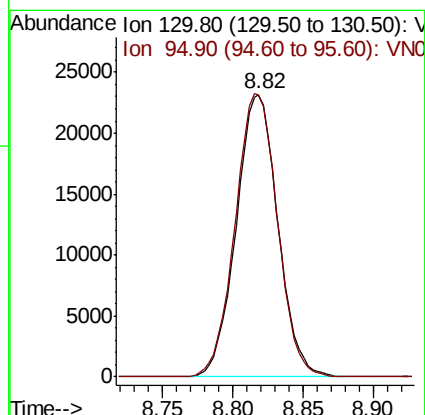
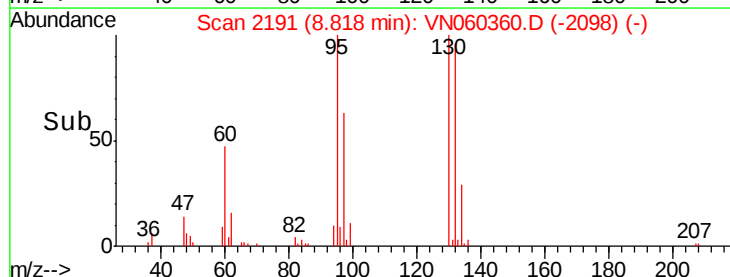
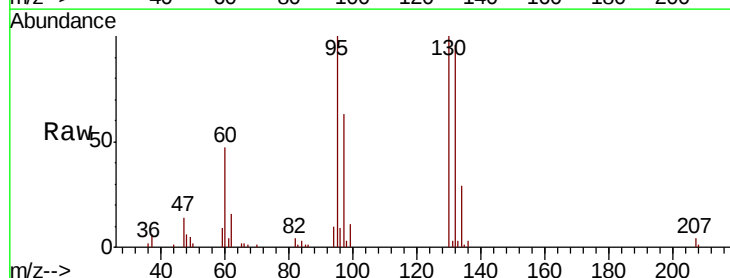
Acq: 5 Mar 2020 12:21

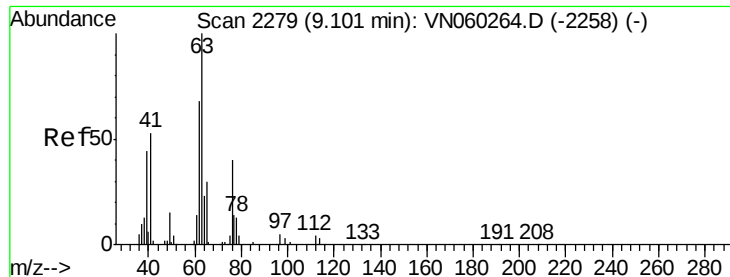
Tgt Ion:130 Resp: 47888

Ion Ratio Lower Upper

130 100

95 99.9 0.0 203.4





#45

1,2-Dichloropropane

Concen: 20.337 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

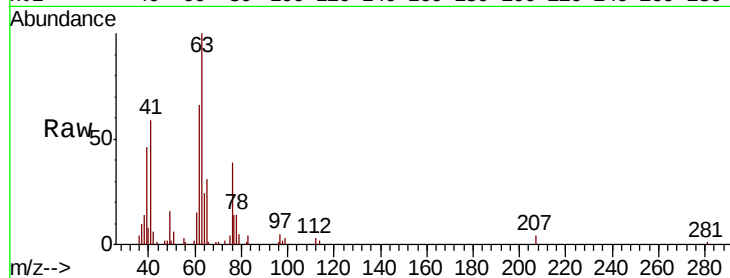
VN0305WBS01

Tot Ion: 63 Resp: 48236

Ion Ratio Lower Upper

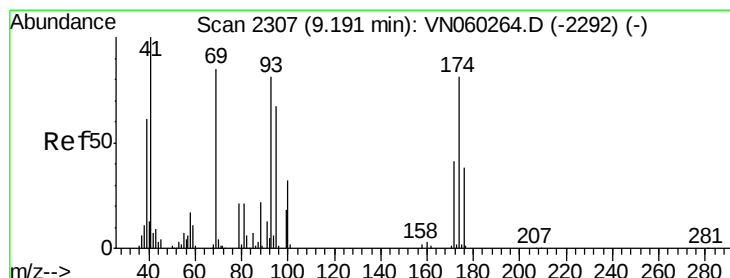
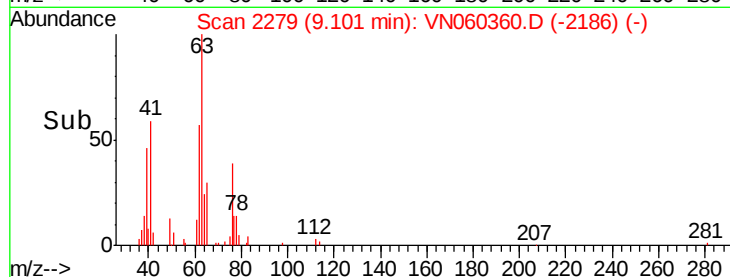
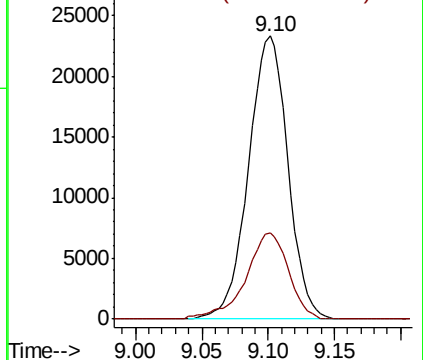
63 100

65 30.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.050 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

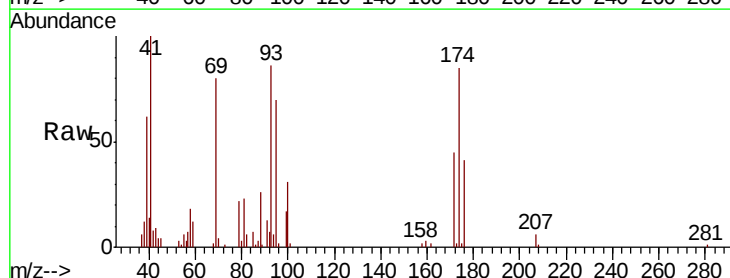
Tgt Ion: 93 Resp: 29317

Ion Ratio Lower Upper

93 100

95 84.5 65.9 98.9

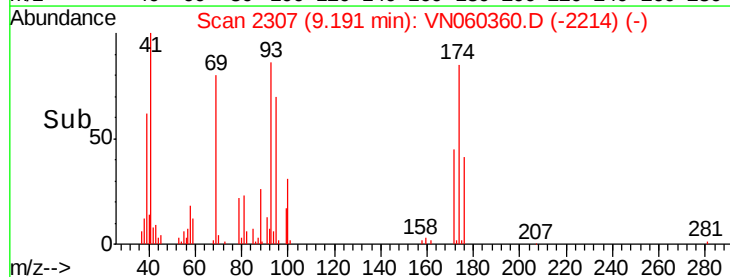
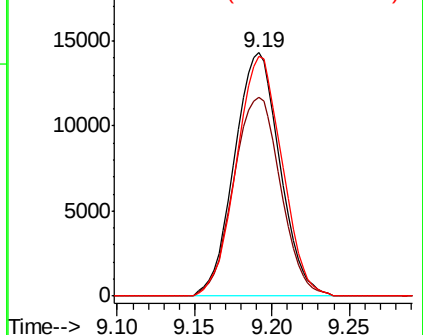
174 98.5 79.6 119.4

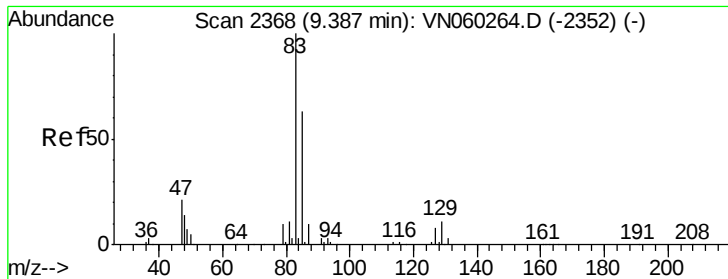


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

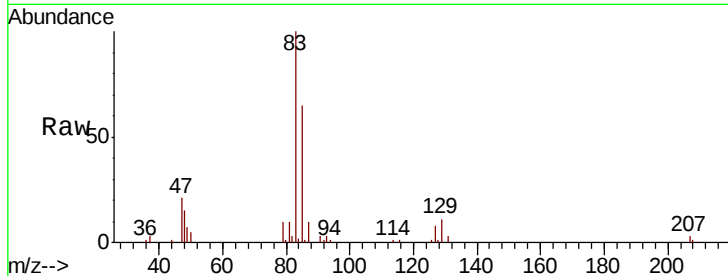




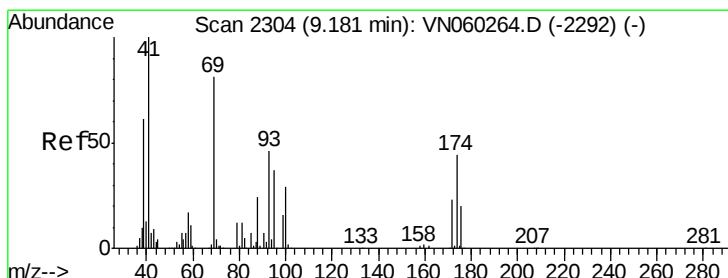
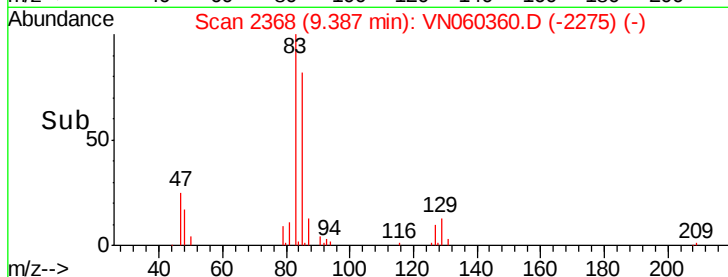
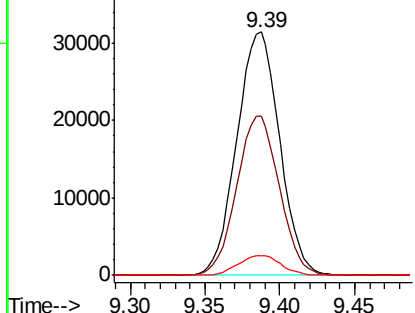
#47
 Bromodichloromethane
 Concen: 20.034 ug/l
 RT: 9.39 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBS01

Tot Ion: 83 Resp: 62707
 Ion Ratio Lower Upper
 83 100
 85 65.1 50.7 76.1
 127 8.2 6.8 10.2

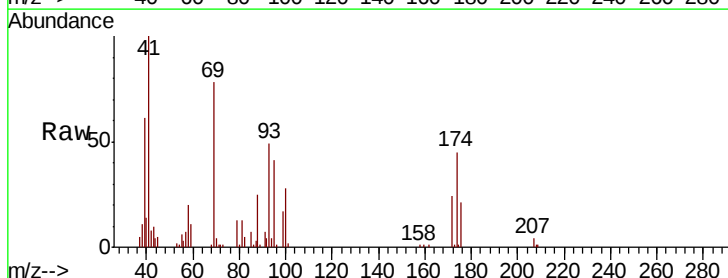


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): VN0

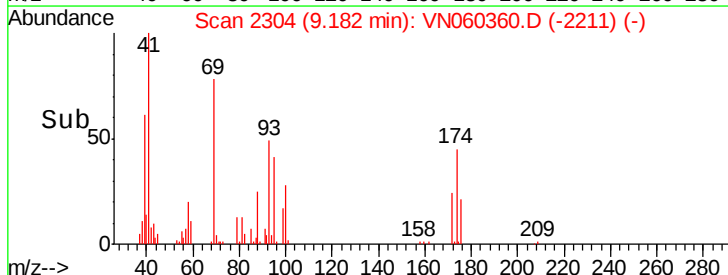
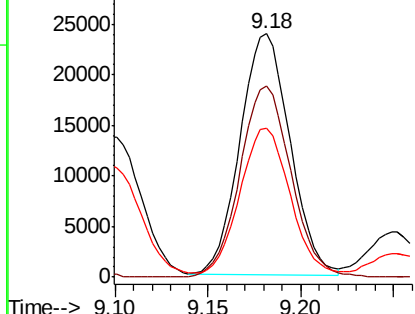


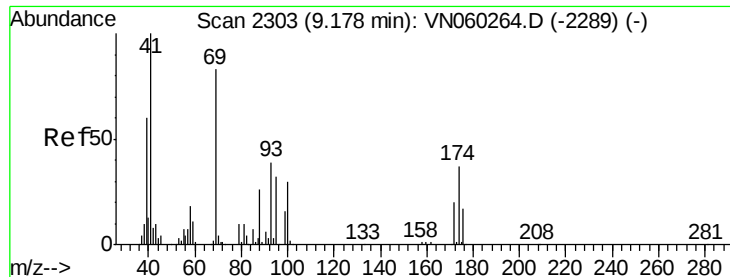
#48
 Methyl methacrylate
 Concen: 18.885 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Tgt Ion: 41 Resp: 44494
 Ion Ratio Lower Upper
 41 100
 69 81.3 66.7 100.1
 39 60.3 50.1 75.1



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

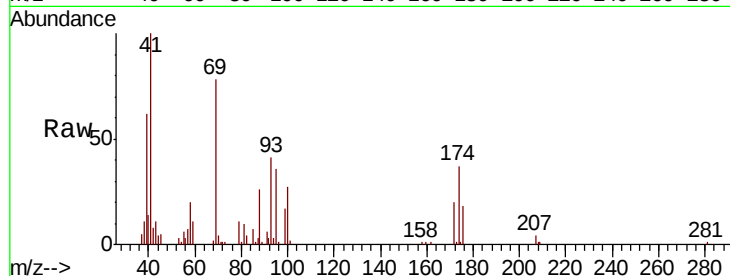




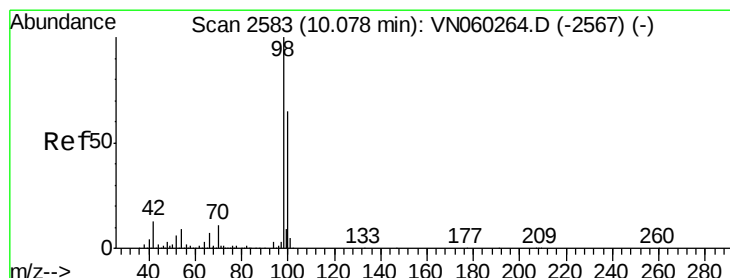
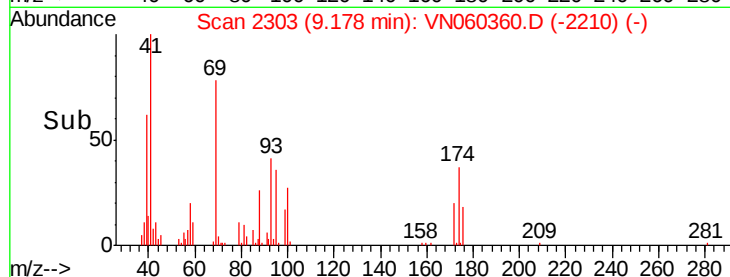
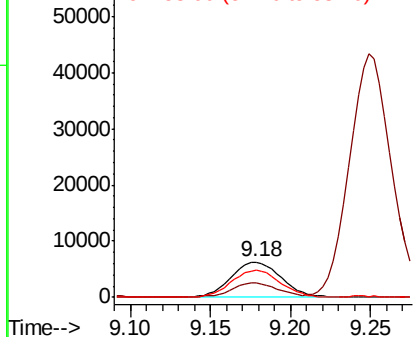
#49
1,4-Dioxane
Concen: 406.190 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

Tot Ion: 88 Resp: 13458
Ion Ratio Lower Upper
88 100
43 37.7 30.4 45.6
58 74.7 57.0 85.6

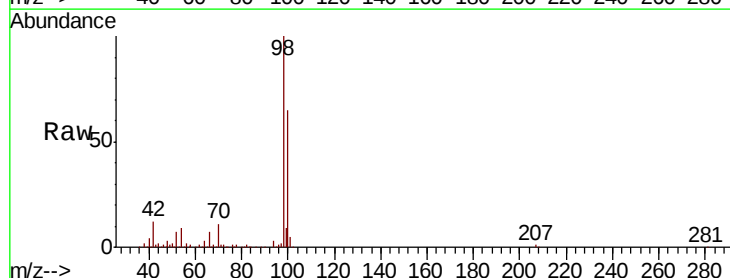


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

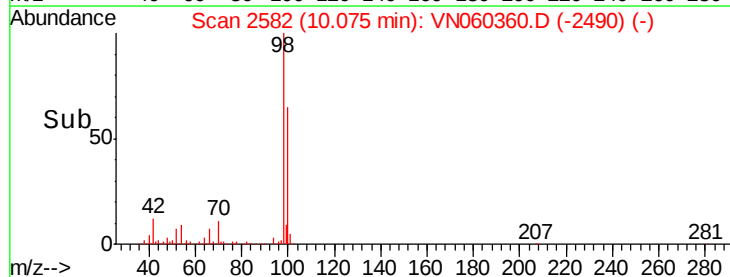
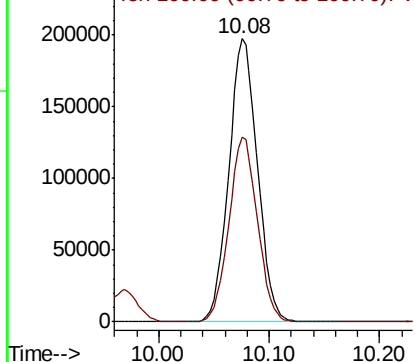


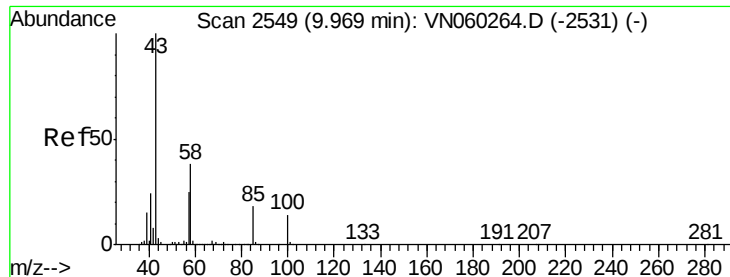
#50
Toluene-d8
Concen: 46.172 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion: 98 Resp: 354729
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



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: 100.951 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

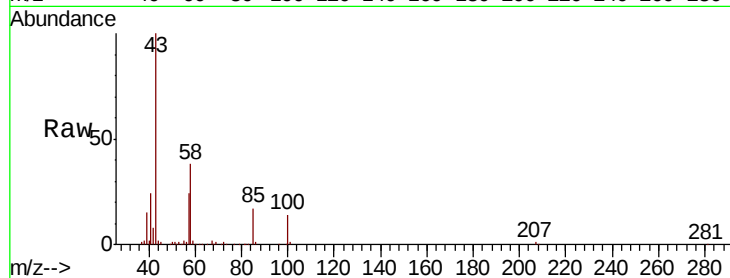
VN0305WBS01

Tot Ion: 43 Resp: 295722

Ion Ratio Lower Upper

43 100

58 37.8 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN060264.D (-2531) (-)

9.97

150000

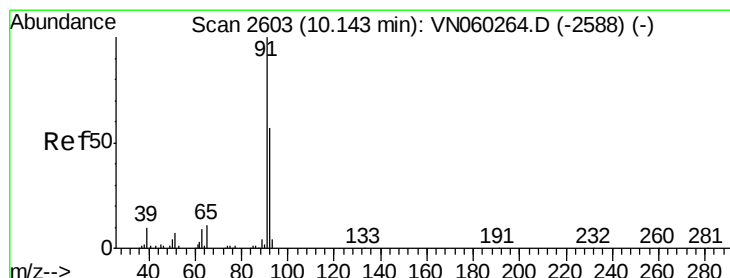
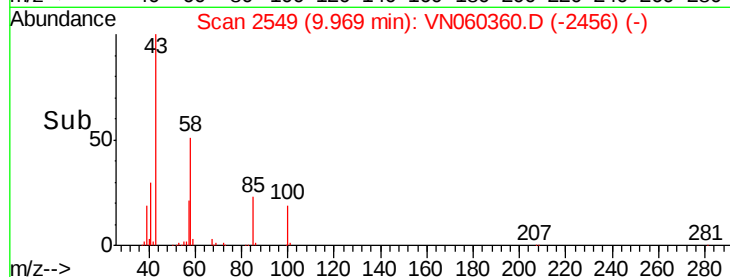
100000

50000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 18.817 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060360.D

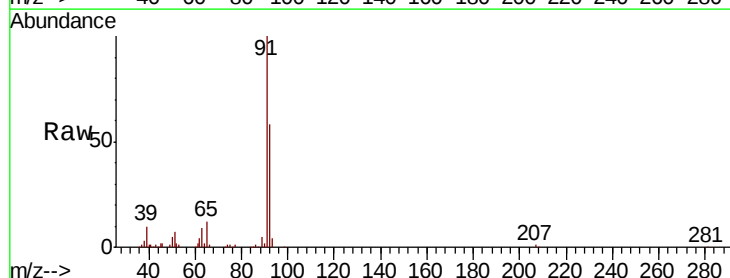
Acq: 5 Mar 2020 12:21

Tgt Ion: 92 Resp: 107229

Ion Ratio Lower Upper

92 100

91 173.3 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VN060264.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN060264.D (-2588) (-)

10.14

120000

100000

80000

60000

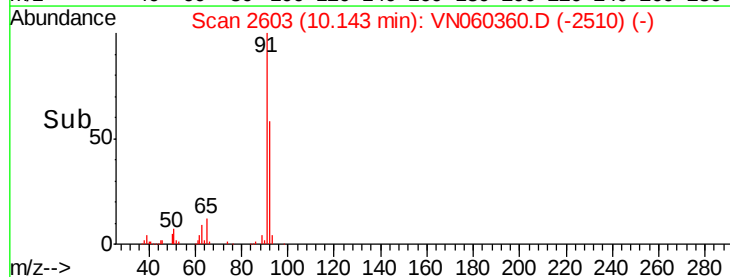
40000

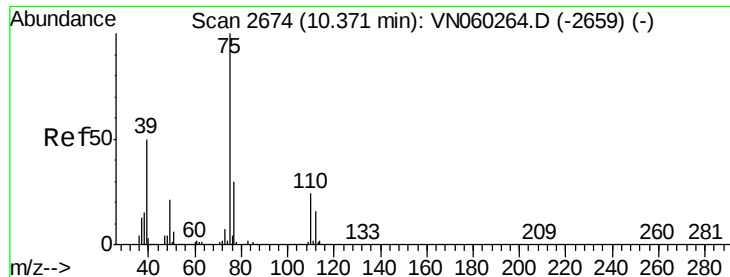
20000

0

10.05 10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.717 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

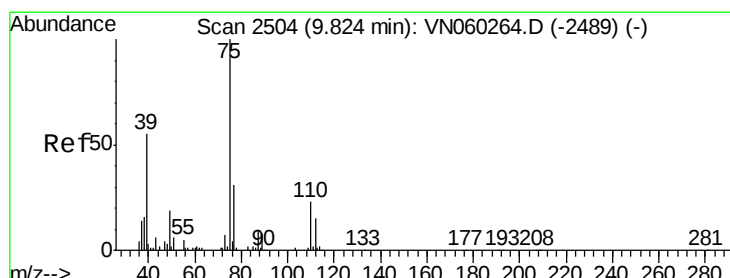
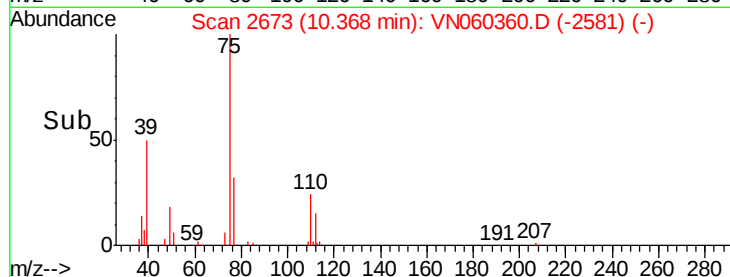
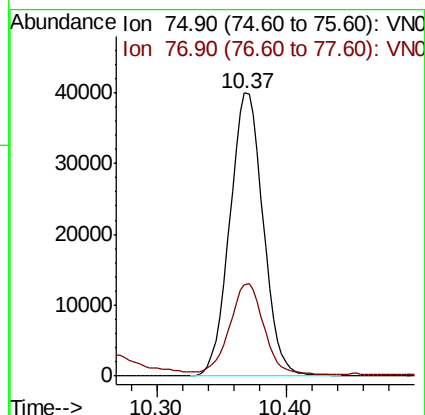
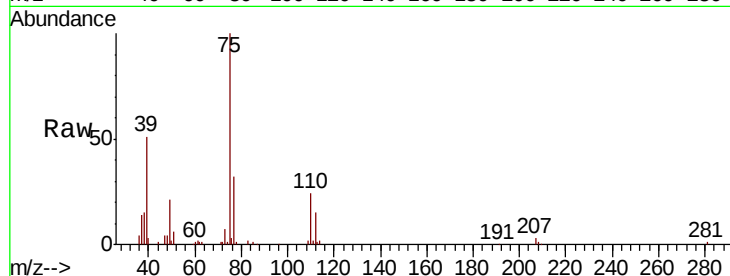
VN0305WBS01

Tot Ion: 75 Resp: 71785

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 19.335 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

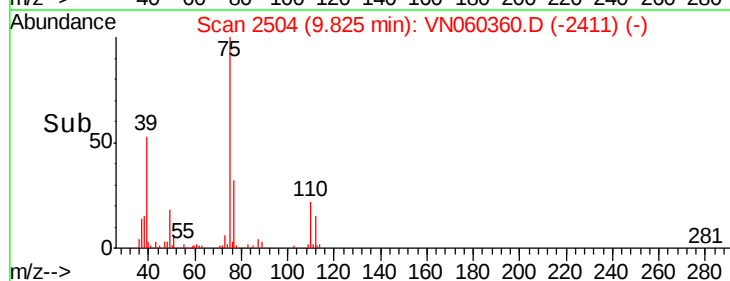
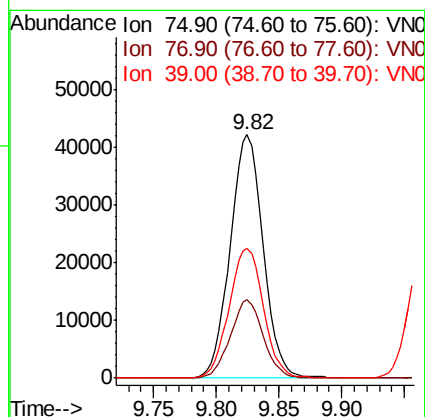
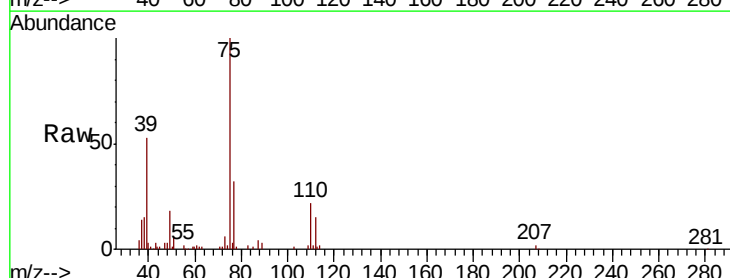
Tgt Ion: 75 Resp: 76842

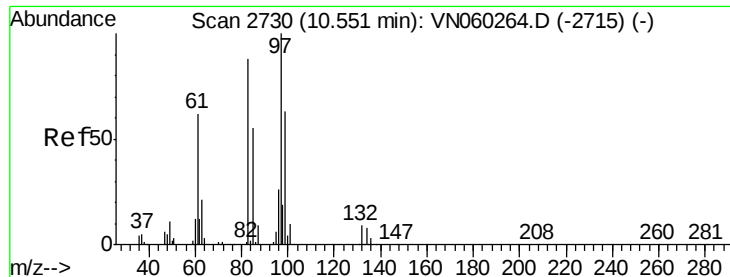
Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

39 53.1 43.8 65.8

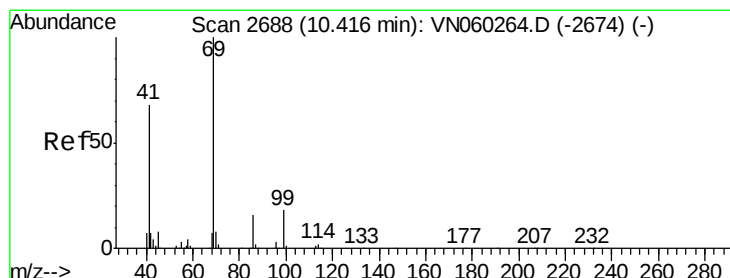
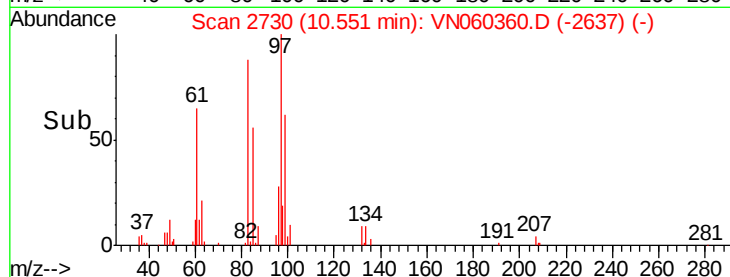
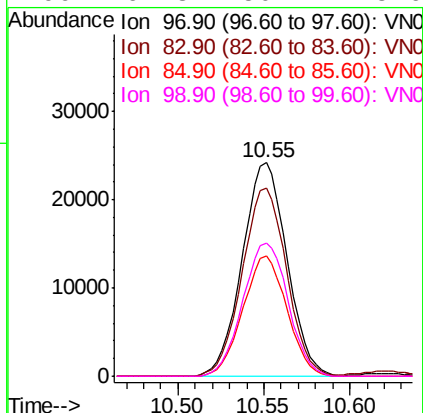
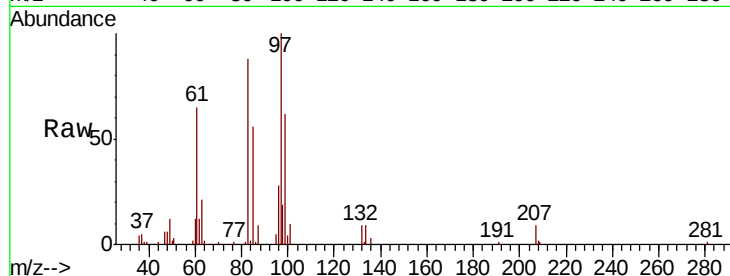




#55
 1,1,2-Trichloroethane
 Concen: 19.026 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

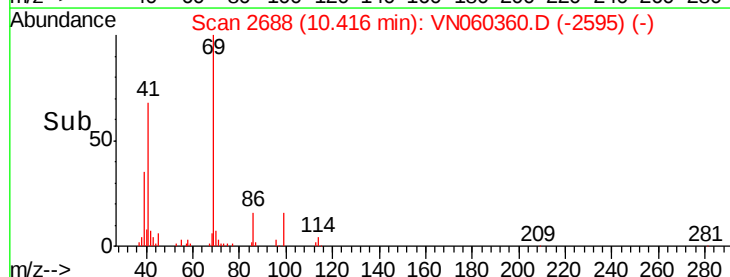
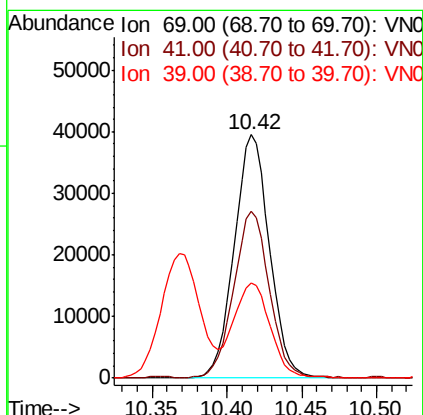
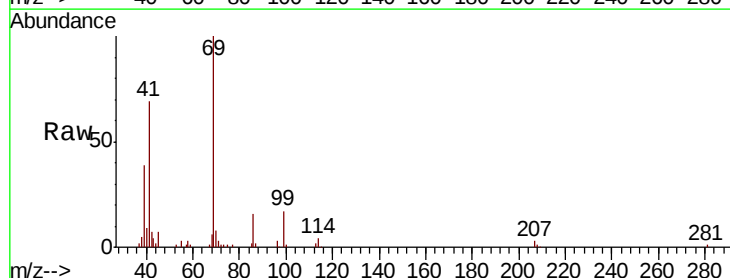
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBS01

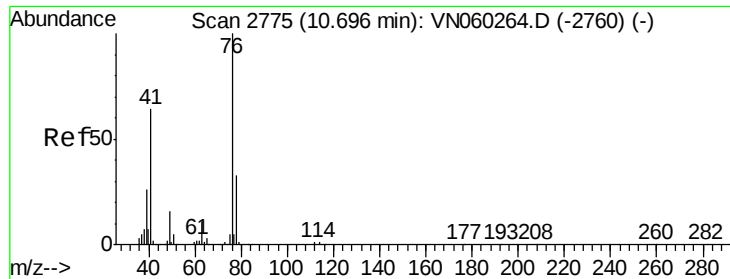
Tot Ion:	97	Resp:	43599
Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.0	105.0
85	56.2	44.0	66.0
99	62.3	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 19.664 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Tgt Ion:	69	Resp:	64737
Ion	Ratio	Lower	Upper
69	100		
41	69.6	54.1	81.1
39	41.2	32.5	48.7





#57

1,3-Dichloropropane

Concen: 19.922 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

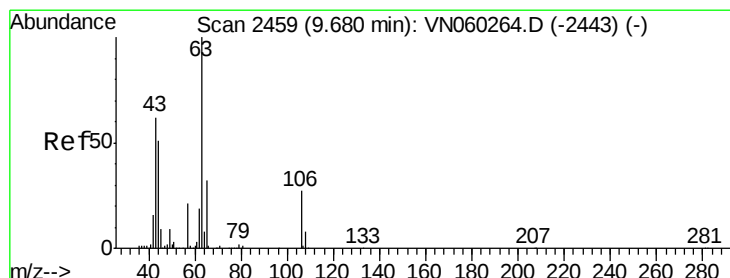
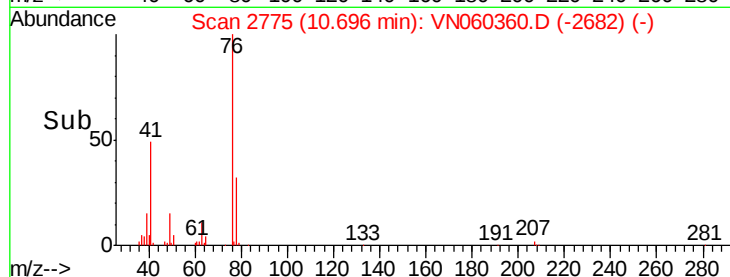
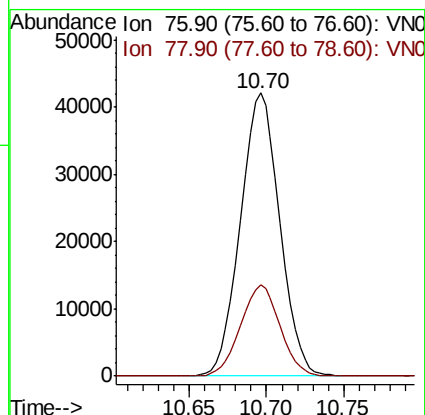
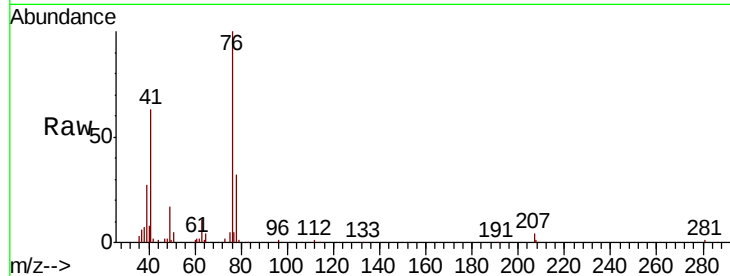
VN0305WBS01

Tot Ion: 76 Resp: 74450

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 90.056 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060360.D

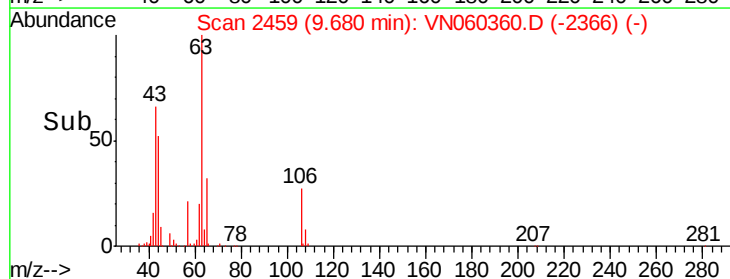
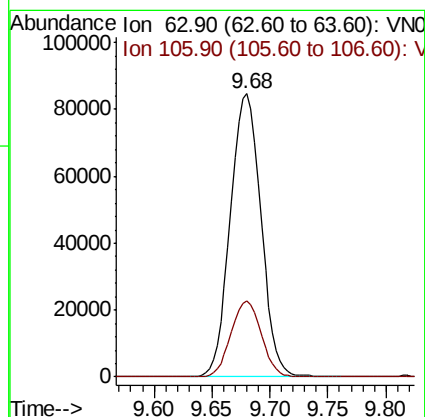
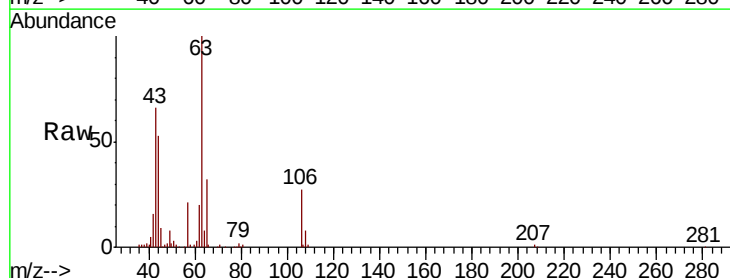
Acq: 5 Mar 2020 12:21

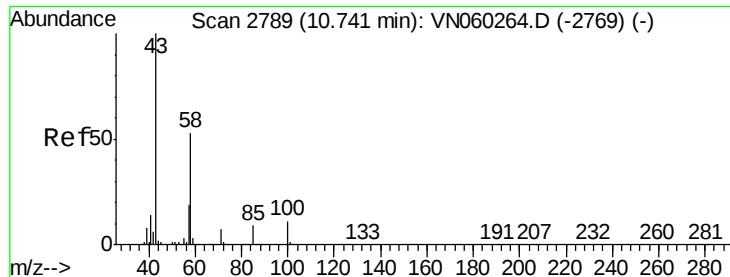
Tgt Ion: 63 Resp: 155064

Ion Ratio Lower Upper

63 100

106 26.5 21.1 31.7

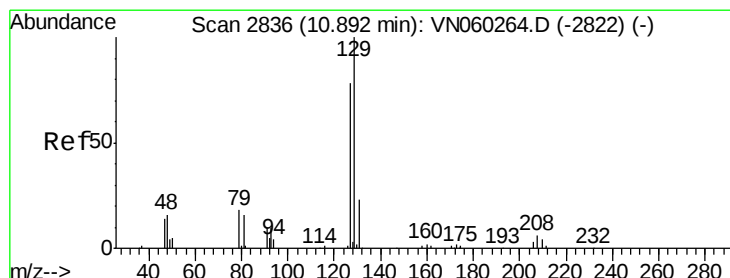
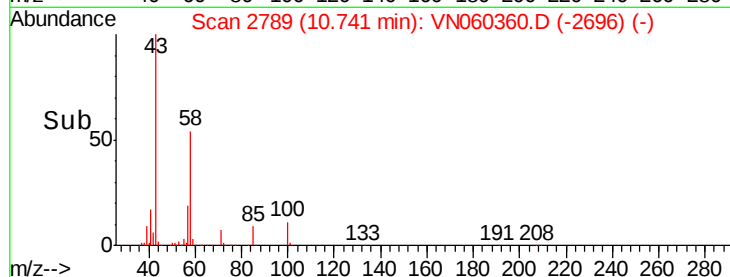
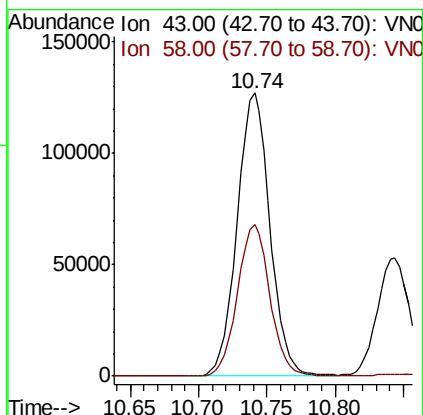
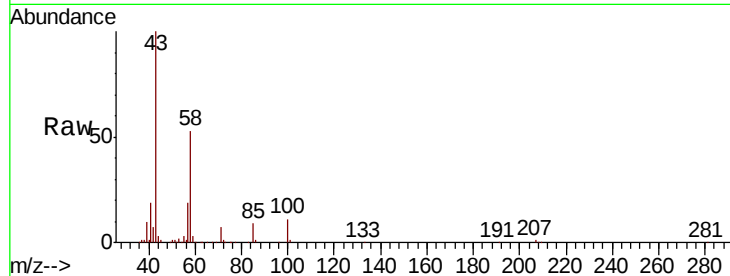




#59
2-Hexanone
Concen: 98.614 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

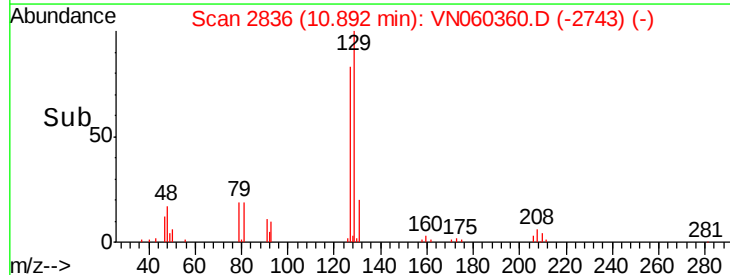
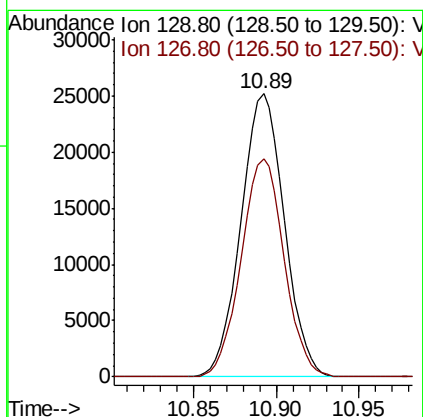
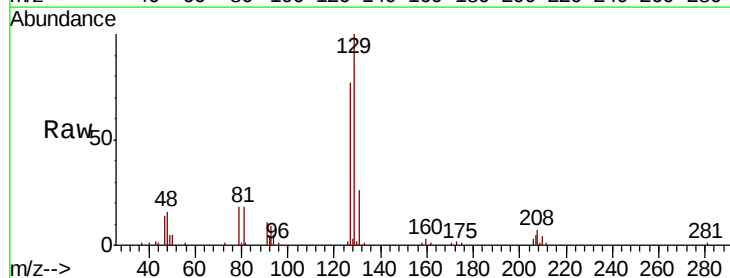
Instrument :
MSVOA_N
ClientSampled :
VN0305WBS01

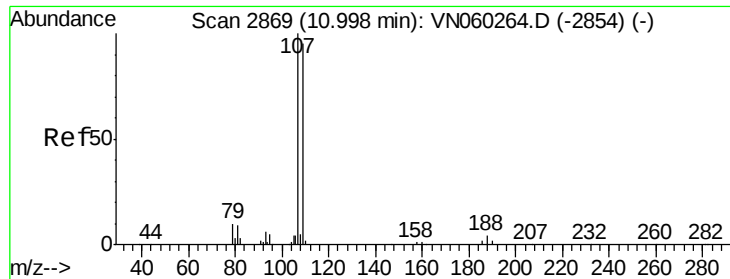
Tot Ion: 43 Resp: 212100
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.5



#60
Dibromochloromethane
Concen: 19.690 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion: 129 Resp: 45886
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.7

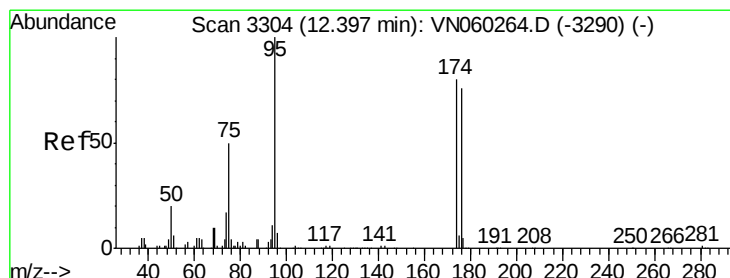
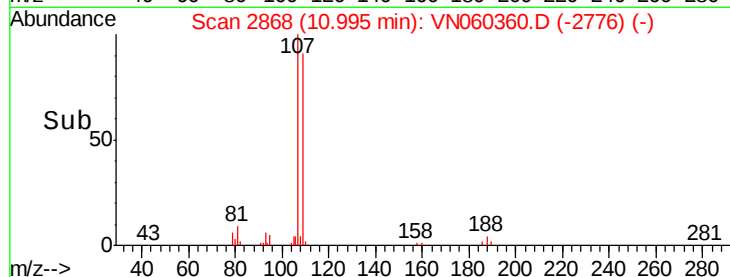
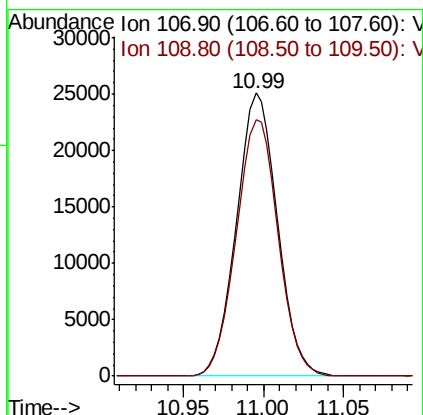
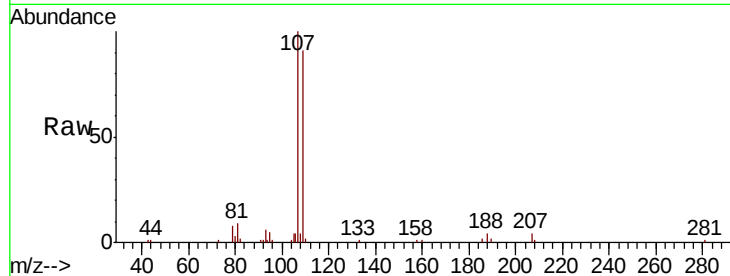




#61
 1,2-Dibromoethane
 Concen: 19.537 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

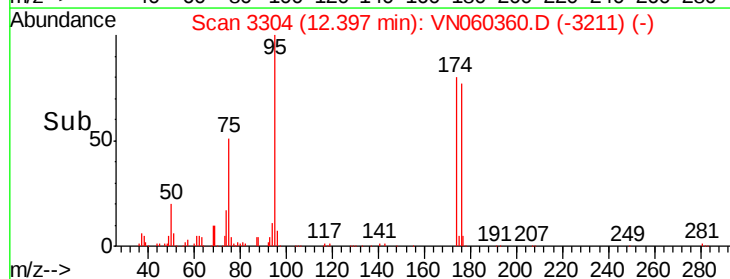
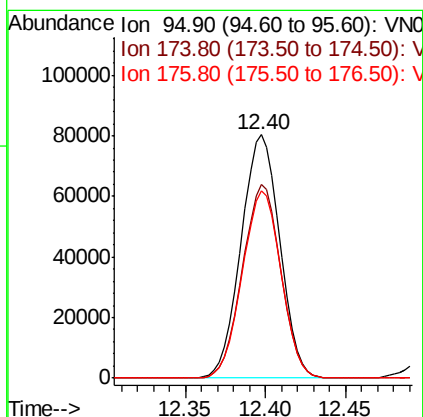
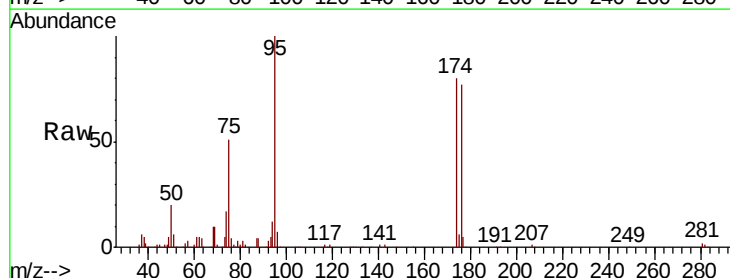
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBS01

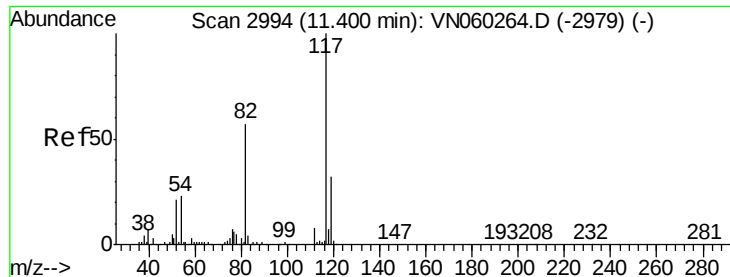
Tot Ion:107 Resp: 43643
 Ion Ratio Lower Upper
 107 100
 109 92.9 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 45.601 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Tgt Ion: 95 Resp: 132805
 Ion Ratio Lower Upper
 95 100
 174 79.0 0.0 159.2
 176 77.2 0.0 153.8

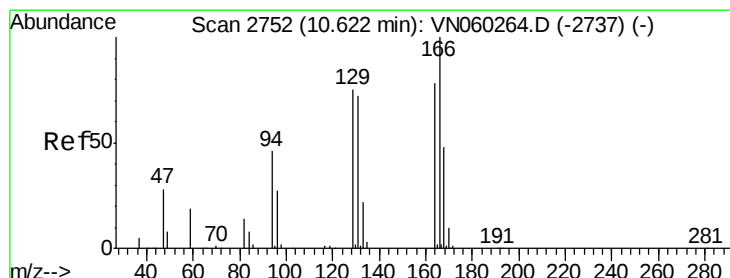
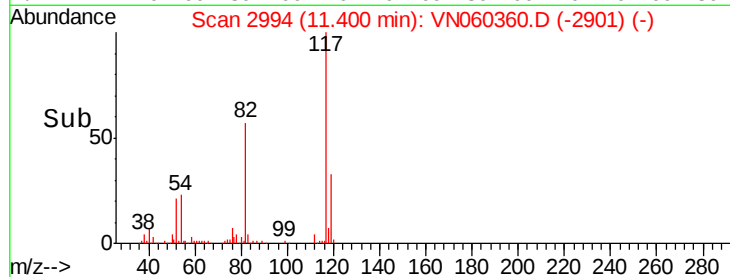
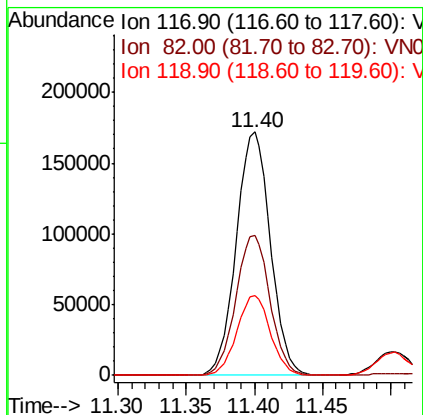
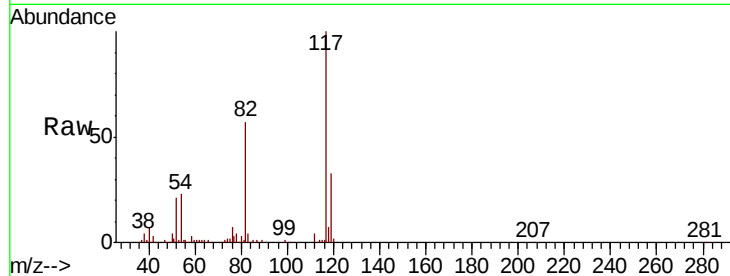




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

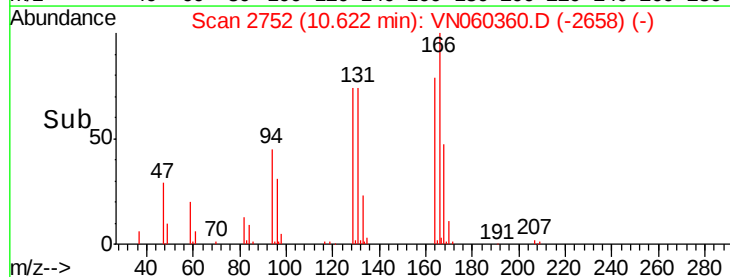
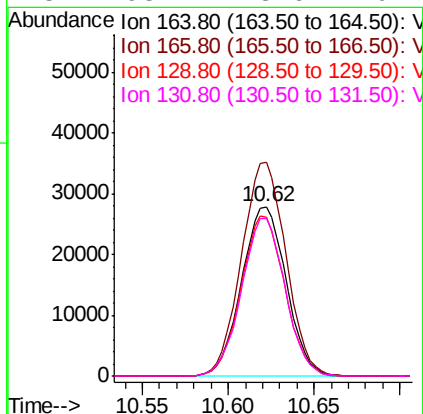
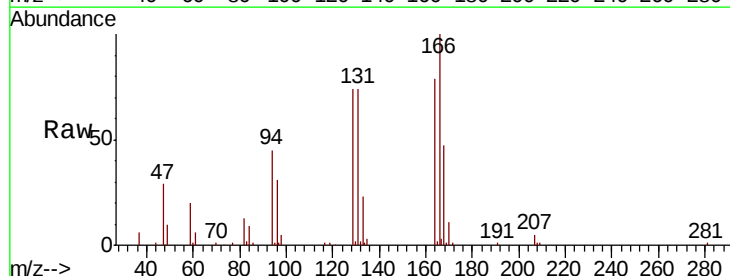
Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

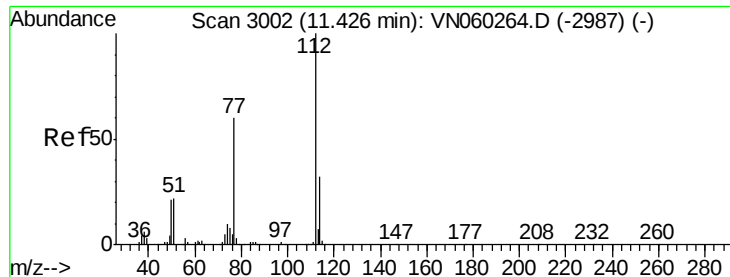
Tot Ion:117 Resp: 298459
Ion Ratio Lower Upper
117 100
82 57.4 45.8 68.6
119 33.0 25.8 38.8



#64
Tetrachloroethene
Concen: 20.396 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion:164 Resp: 49897
Ion Ratio Lower Upper
164 100
166 126.1 102.0 153.0
129 93.5 76.4 114.6
131 93.2 73.6 110.4





#65

Chlorobenzene

Concen: 18.711 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

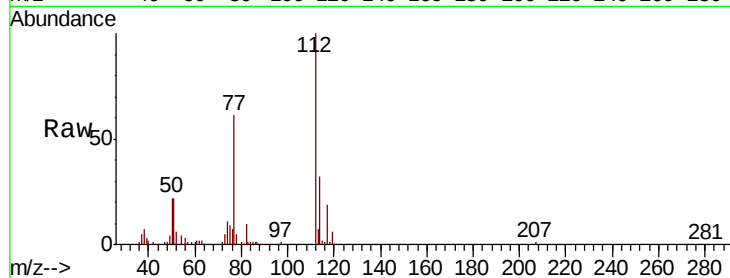
VN0305WBS01

Tot Ion:112 Resp: 112765

Ion Ratio Lower Upper

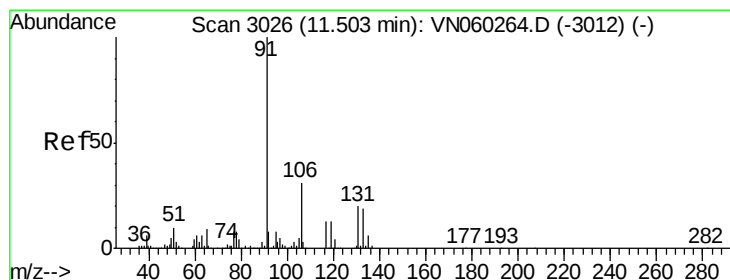
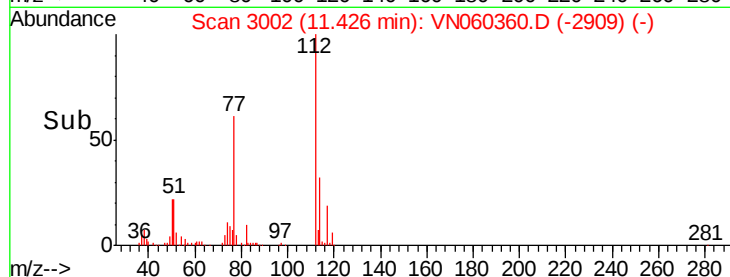
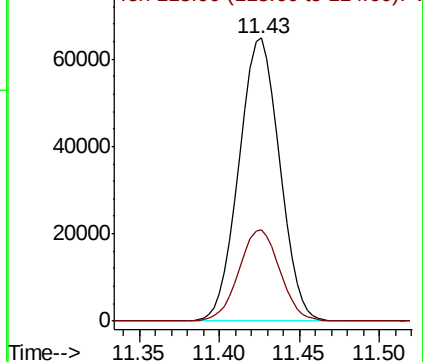
112 100

114 32.1 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.468 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

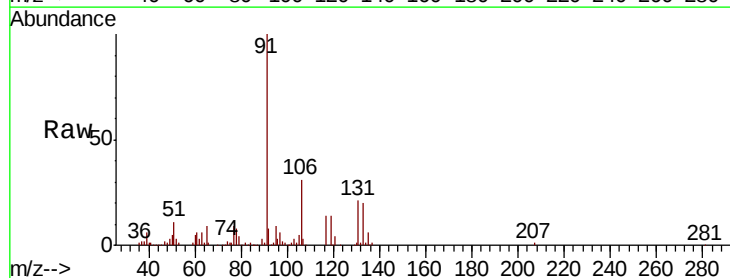
Tgt Ion:131 Resp: 43380

Ion Ratio Lower Upper

131 100

133 97.4 47.7 143.1

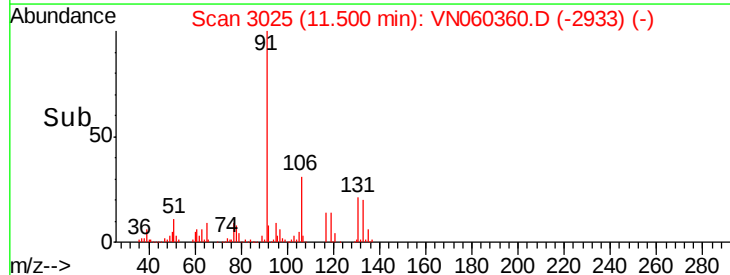
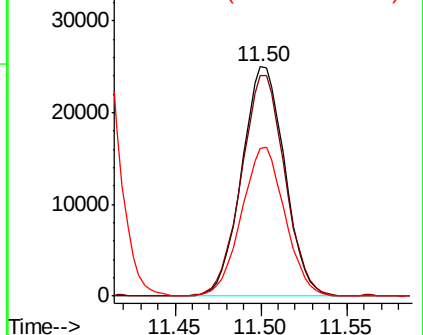
119 65.4 33.2 99.6

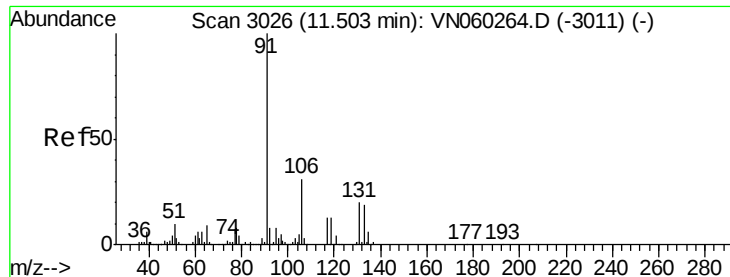


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

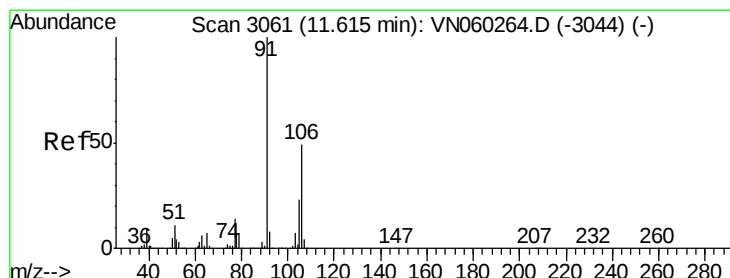
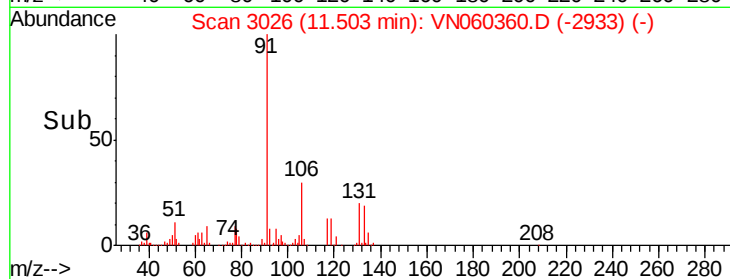
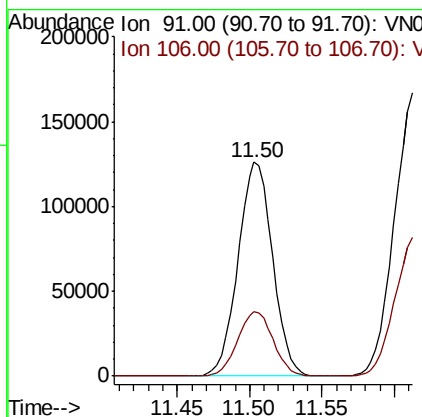
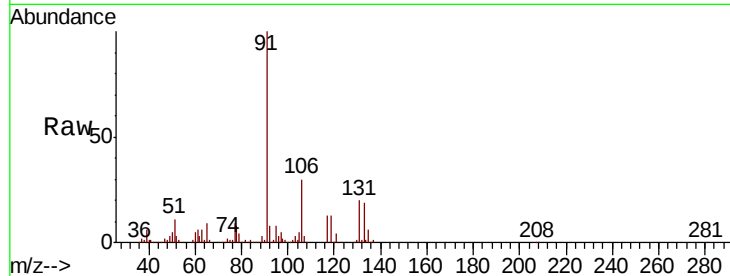




#67
Ethyl Benzene
Concen: 19.001 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

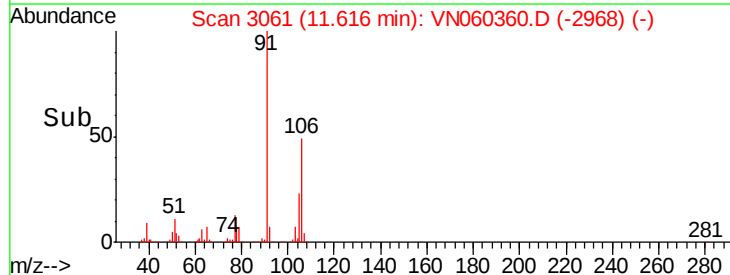
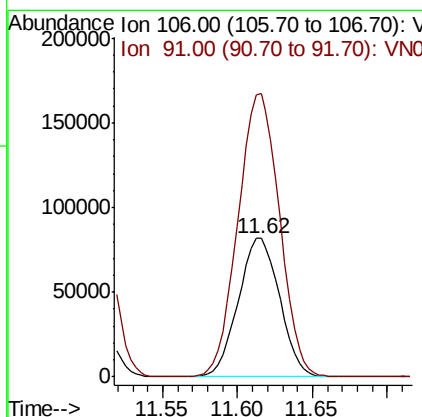
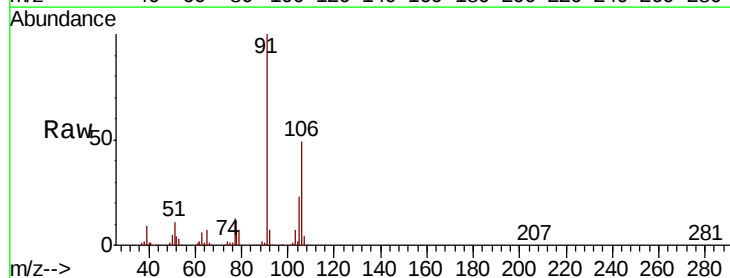
Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

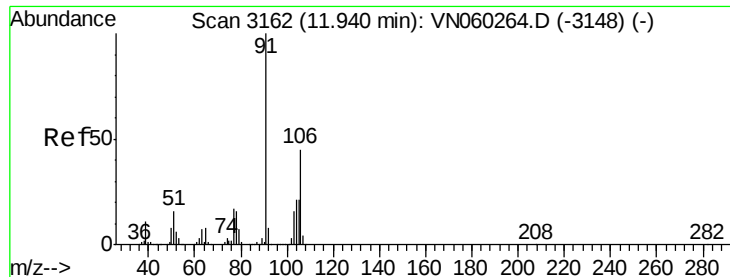
Tot Ion: 91 Resp: 208537
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1



#68
m/p-Xylenes
Concen: 37.994 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion: 106 Resp: 157325
Ion Ratio Lower Upper
106 100
91 205.7 164.5 246.7

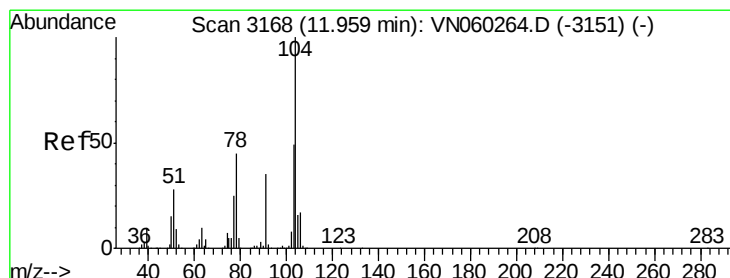
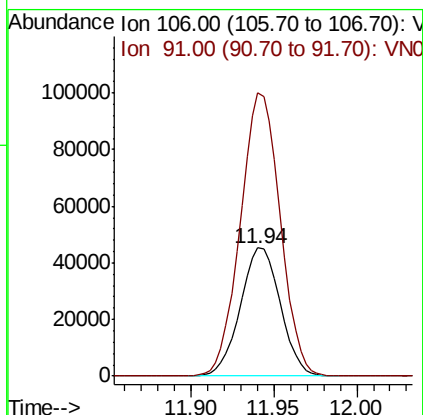
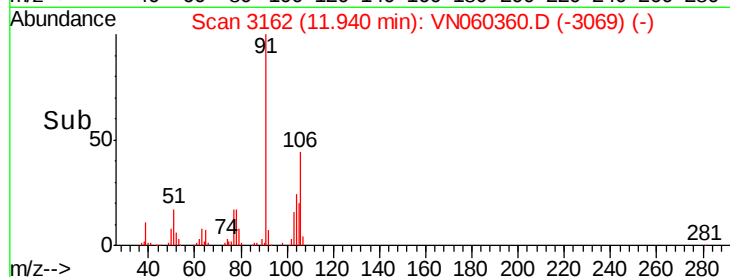
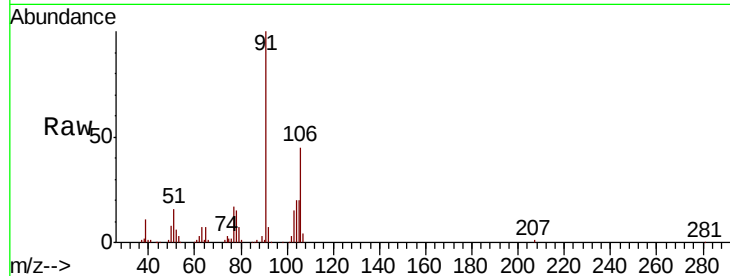




#69
o-Xylene
Concen: 19.289 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

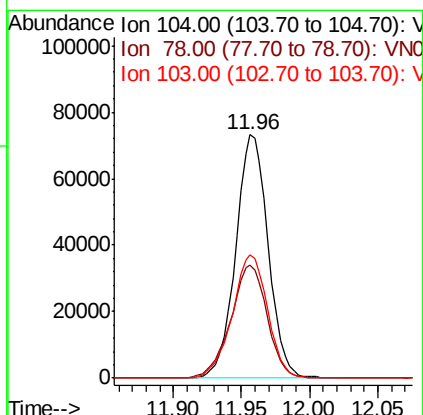
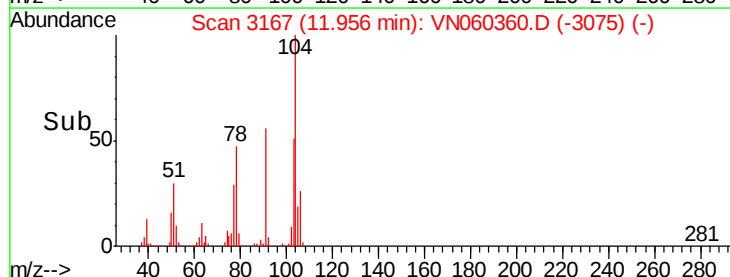
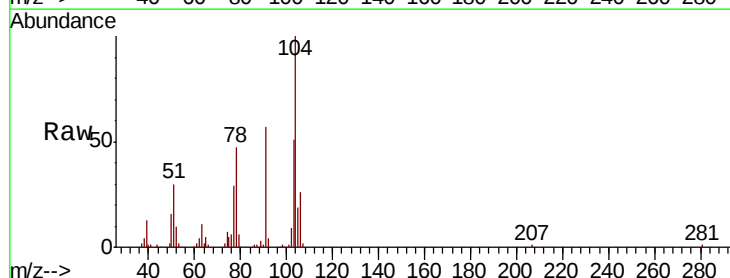
Instrument :
MSVOA_N
ClientSampled :
VN0305WBS01

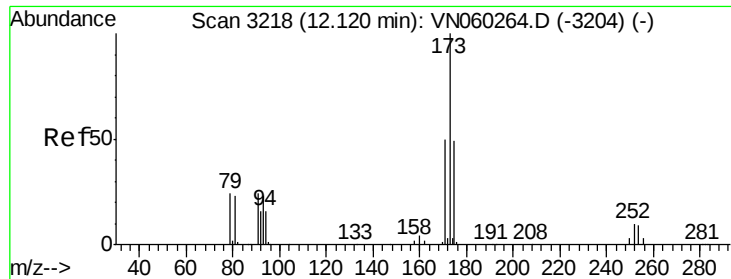
Tot Ion:106 Resp: 76166
Ion Ratio Lower Upper
106 100
91 219.2 109.5 328.4



#70
Styrene
Concen: 18.585 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion:104 Resp: 120655
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 55.3 43.9 65.9





#71

Bromoform

Concen: 19.598 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBS01

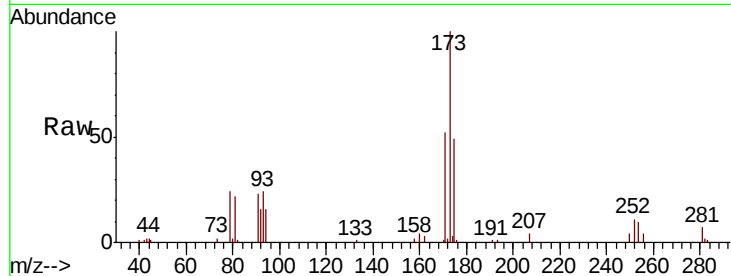
Tot Ion:173 Resp: 31473

Ion Ratio Lower Upper

173 100

175 47.8 24.1 72.2

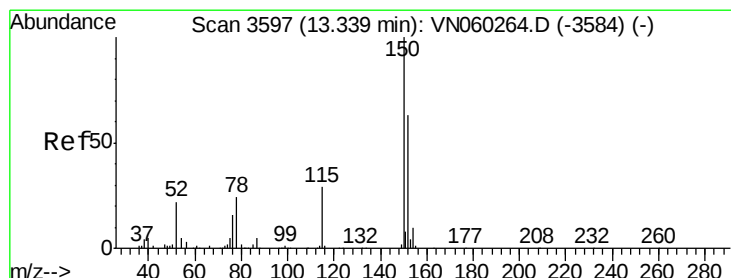
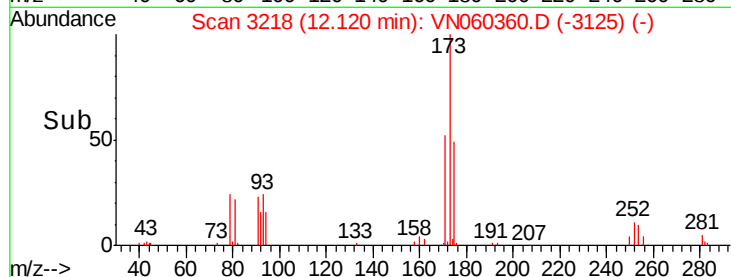
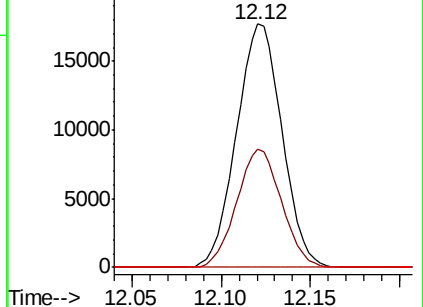
254 0.0 0.0 0.0



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: VN060360.D

Acq: 5 Mar 2020 12:21

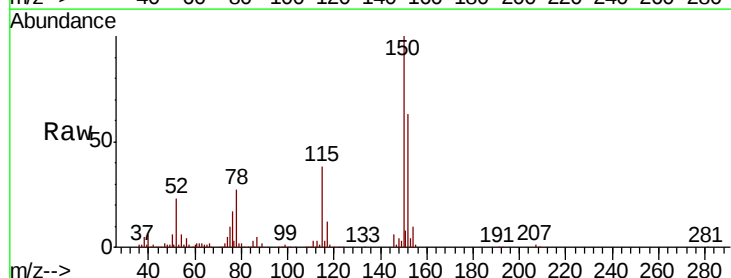
Tgt Ion:152 Resp: 143185

Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

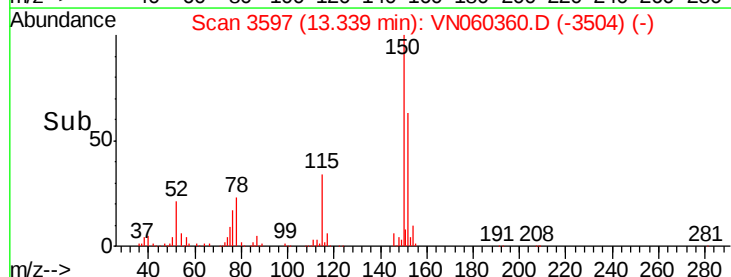
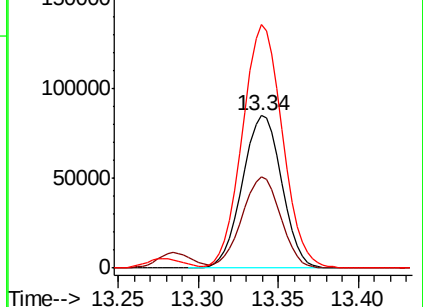
150 162.3 0.0 349.6

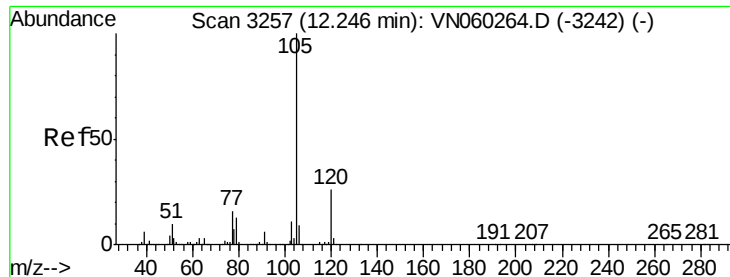


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.461 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

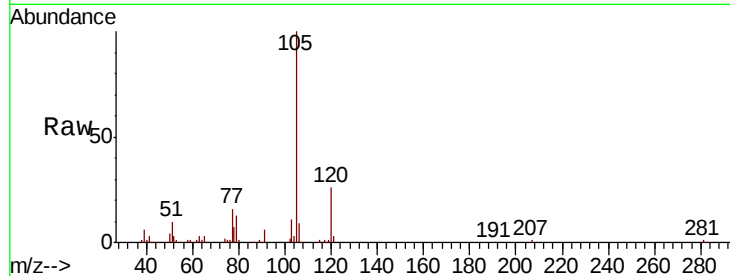
VN0305WBS01

Tot Ion: 105 Resp: 206529

Ion Ratio Lower Upper

105 100

120 26.4 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

150000

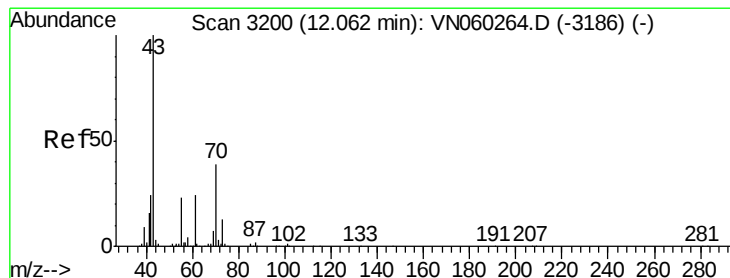
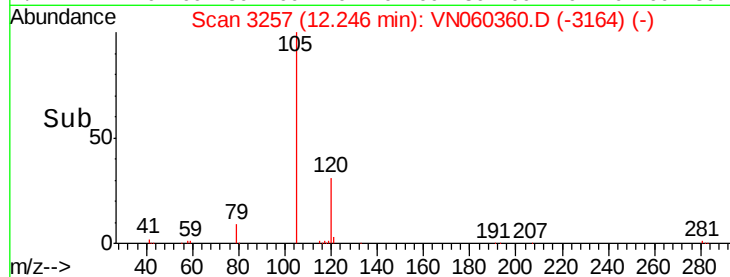
100000

50000

0

Time-->

12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 19.131 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Tgt Ion: 43 Resp: 88720

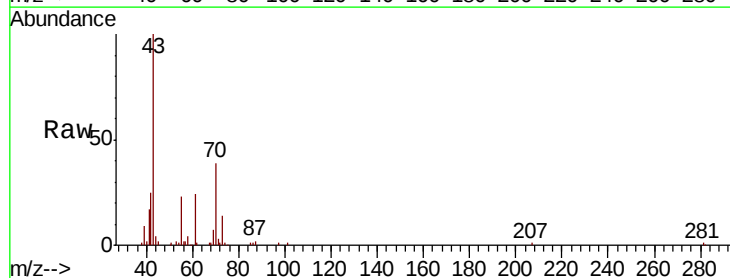
Ion Ratio Lower Upper

43 100

70 39.5 32.2 48.2

55 23.0 18.2 27.4

61 23.7 19.2 28.8



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

80000

60000

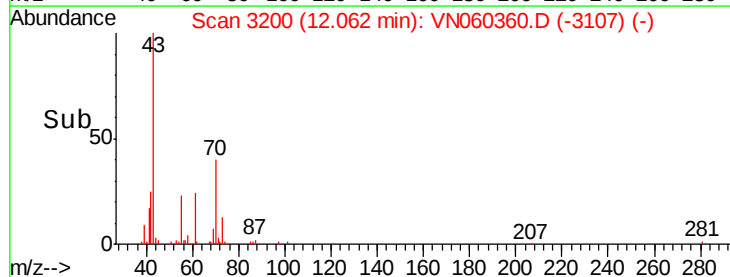
40000

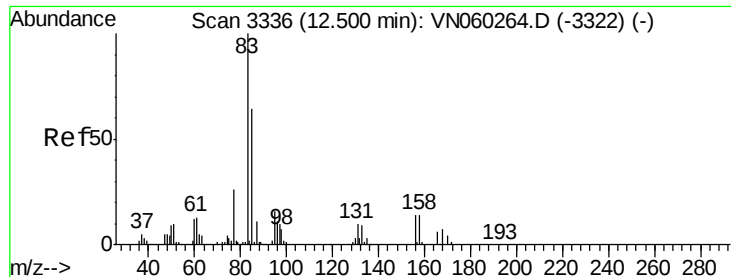
20000

0

Time-->

12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 19.956 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBS01

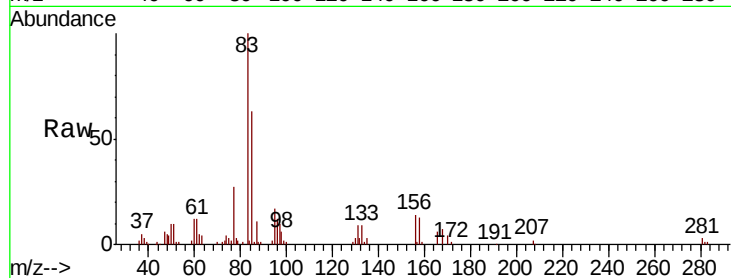
Tot Ion: 83 Resp: 57568

Ion Ratio Lower Upper

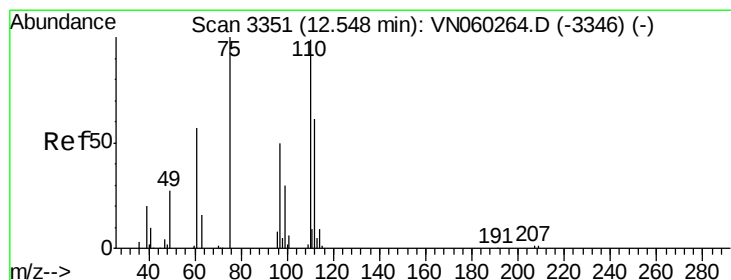
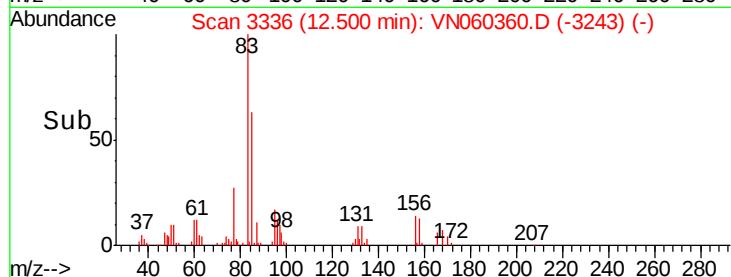
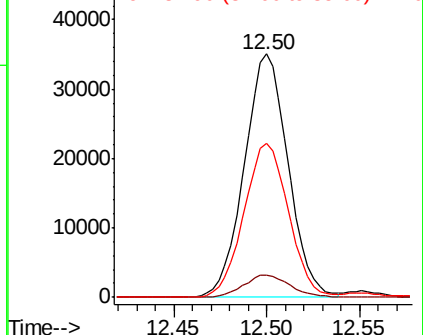
83 100

131 9.6 5.1 15.3

85 64.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 26.197 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060360.D

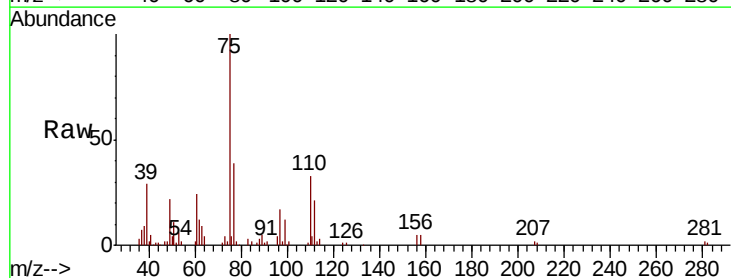
Acq: 5 Mar 2020 12:21

Tgt Ion: 75 Resp: 82297

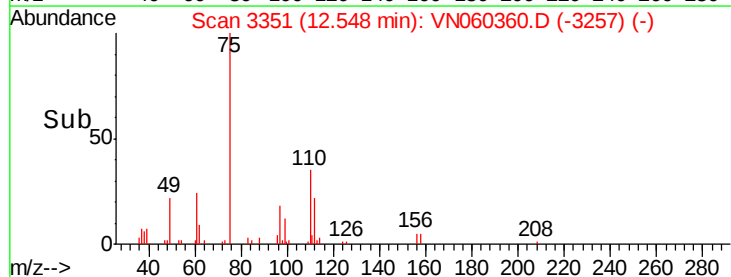
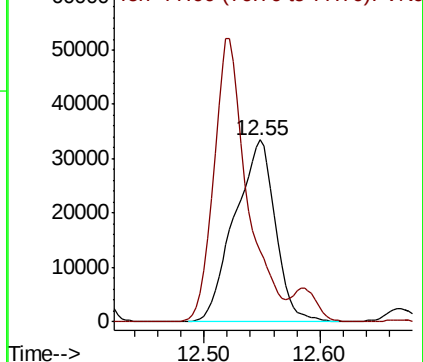
Ion Ratio Lower Upper

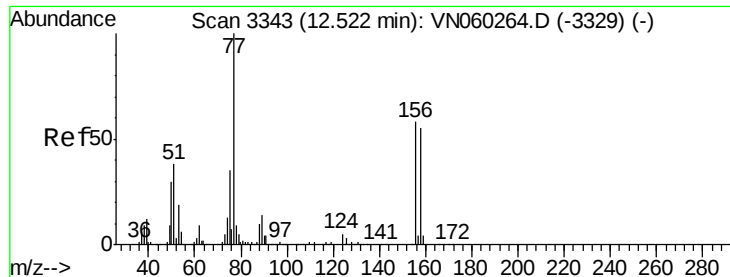
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 19.005 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampled :

VN0305WBS01

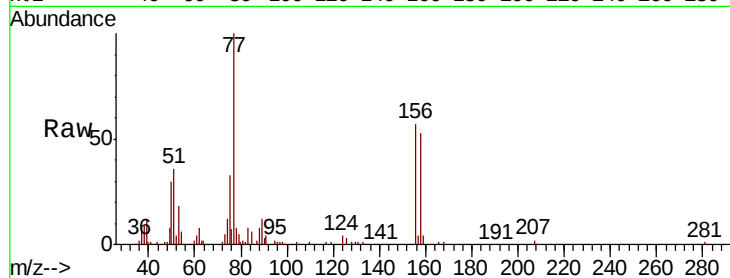
Tot Ion:156 Resp: 49440

Ion Ratio Lower Upper

156 100

77 211.9 106.1 318.3

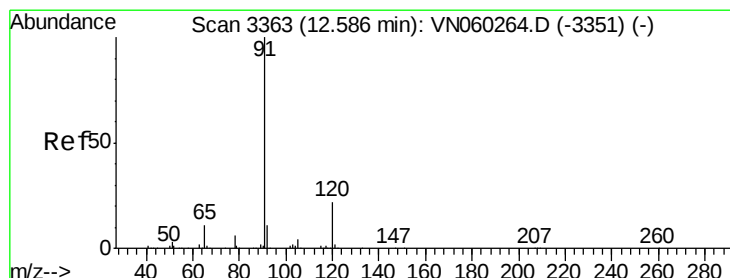
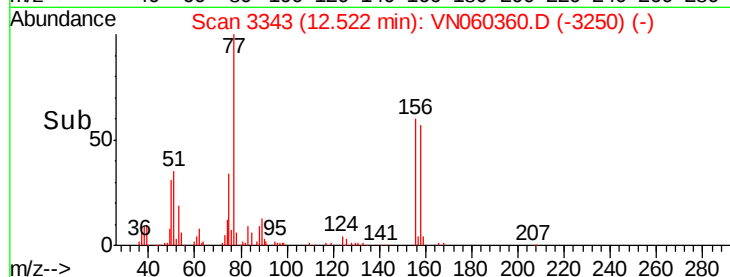
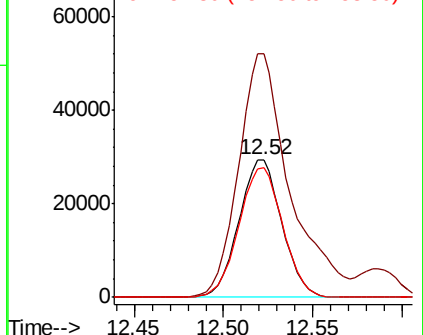
158 96.3 48.3 144.8



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: 19.148 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060360.D

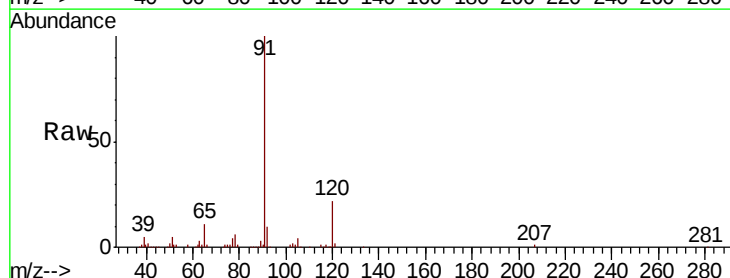
Acq: 5 Mar 2020 12:21

Tgt Ion: 91 Resp: 238199

Ion Ratio Lower Upper

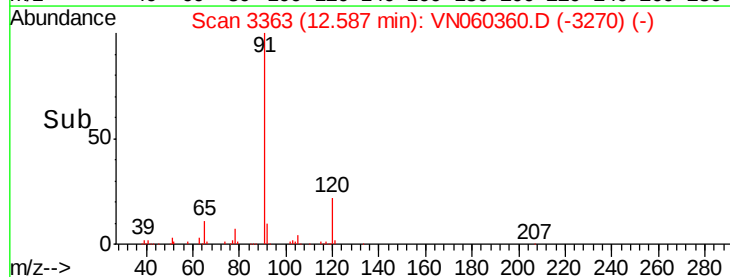
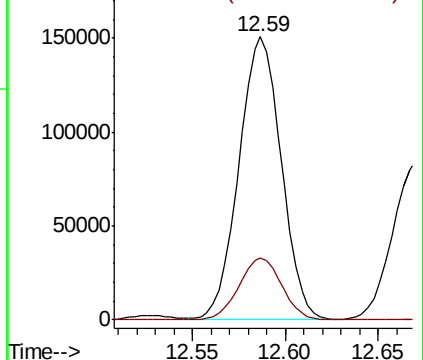
91 100

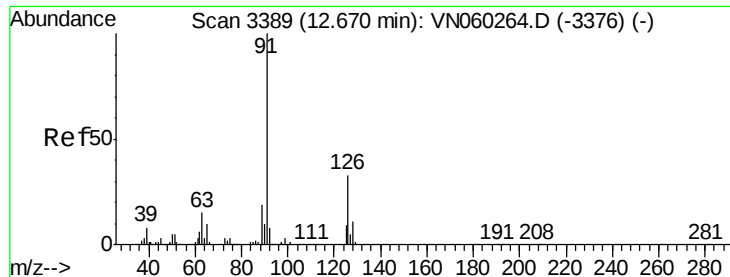
120 22.1 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.024 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

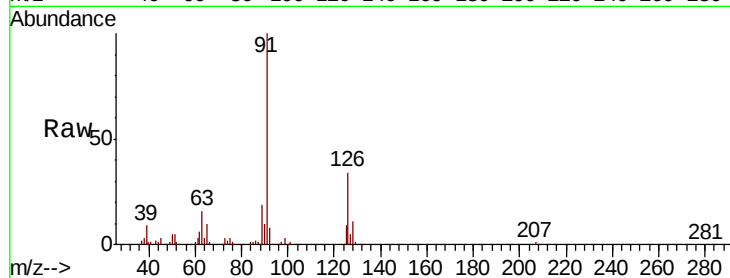
VN0305WBS01

Tot Ion: 91 Resp: 139113

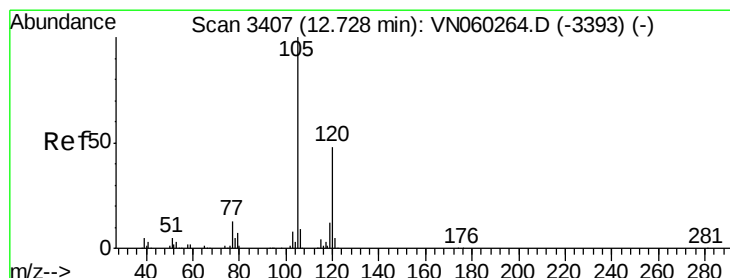
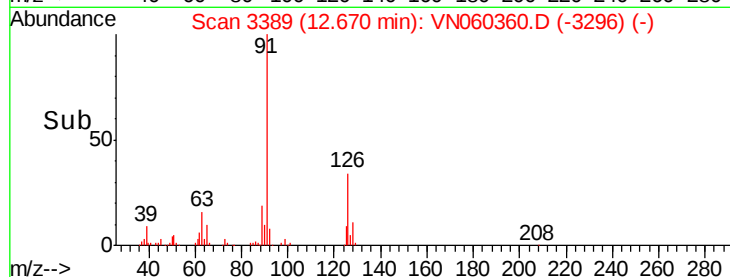
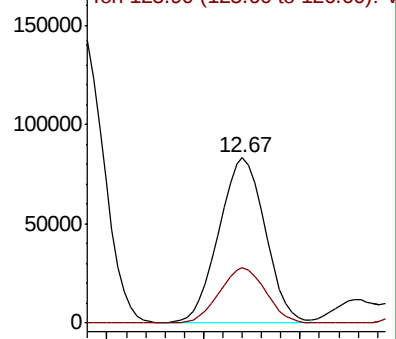
Ion Ratio Lower Upper

91 100

126 33.5 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN060360.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.169 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060360.D

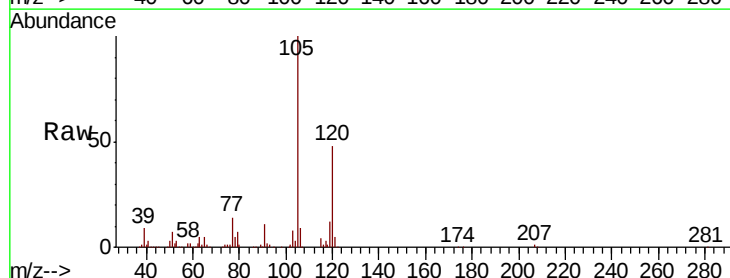
Acq: 5 Mar 2020 12:21

Tgt Ion: 105 Resp: 171285

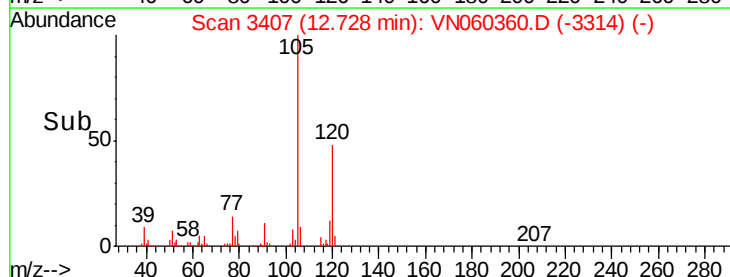
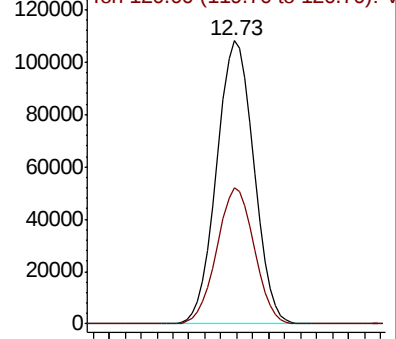
Ion Ratio Lower Upper

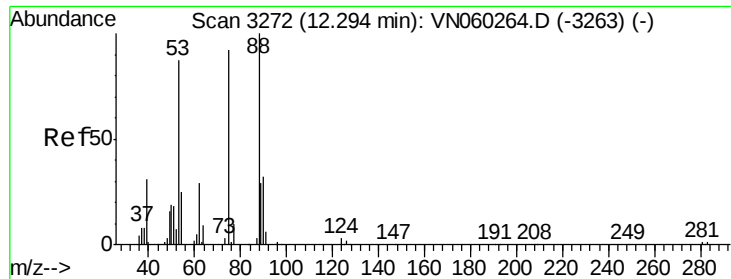
105 100

120 48.3 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN060360.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.452 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampled :

VN0305WBS01

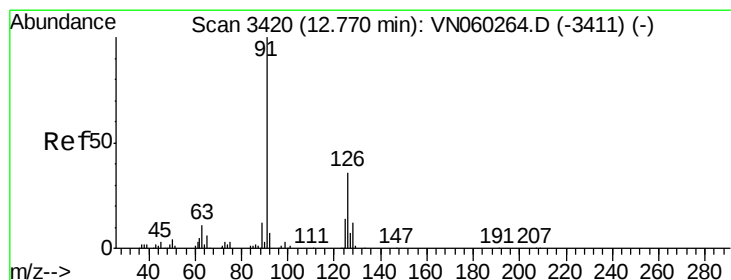
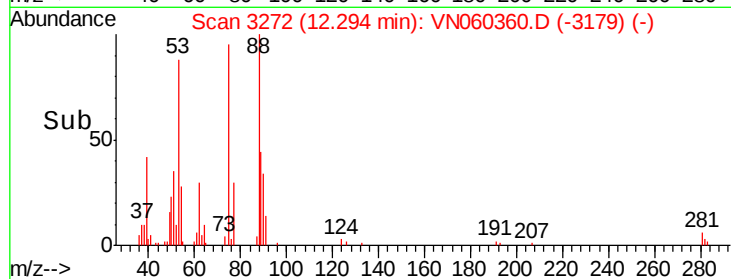
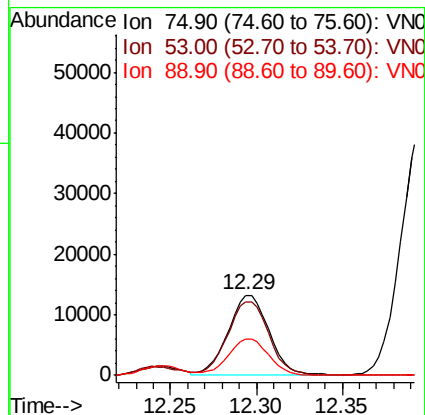
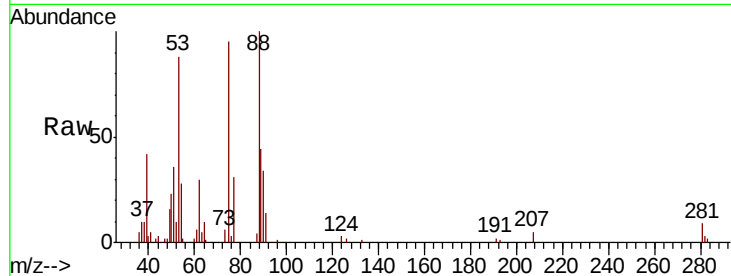
Tot Ion: 75 Resp: 22137

Ion Ratio Lower Upper

75 100

53 92.4 73.8 110.6

89 44.7 57.1 85.7#



#82

4-Chlorotoluene

Concen: 18.741 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060360.D

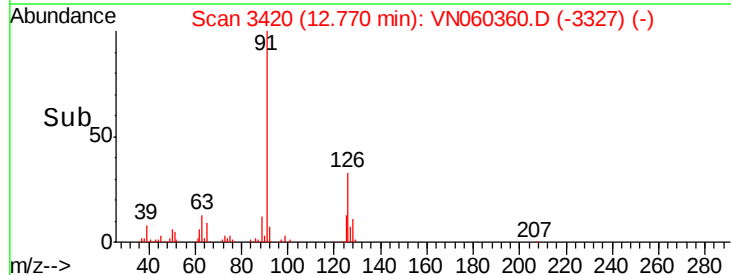
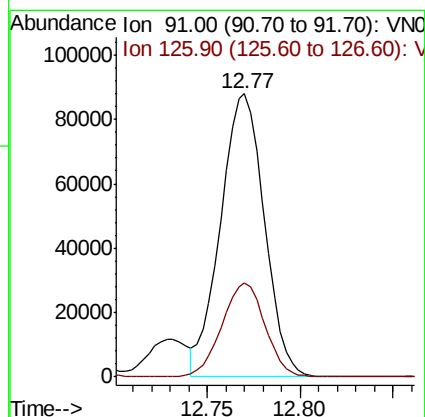
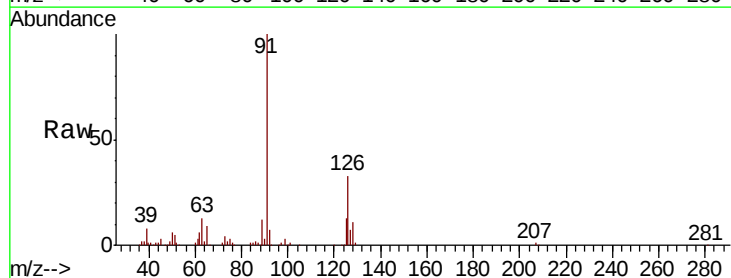
Acq: 5 Mar 2020 12:21

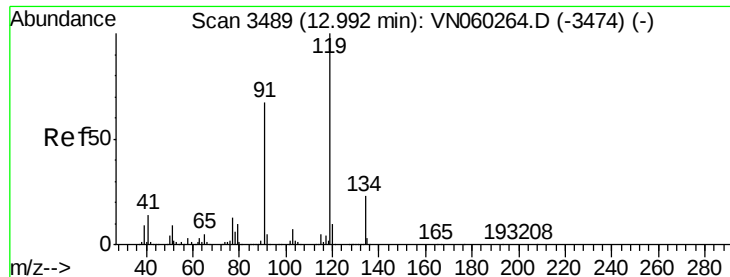
Tgt Ion: 91 Resp: 144384

Ion Ratio Lower Upper

91 100

126 32.7 16.7 50.1





#83

tert-Butylbenzene

Concen: 19.318 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBS01

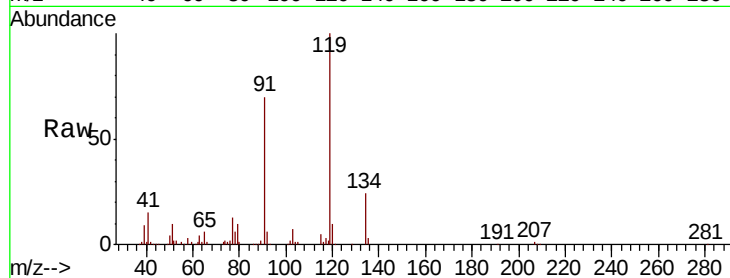
Tot Ion:119 Resp: 149446

Ion Ratio Lower Upper

119 100

91 67.3 33.1 99.2

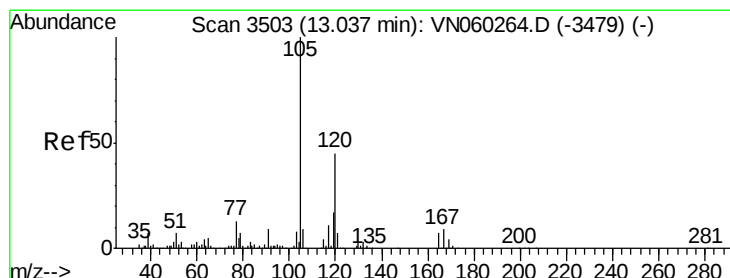
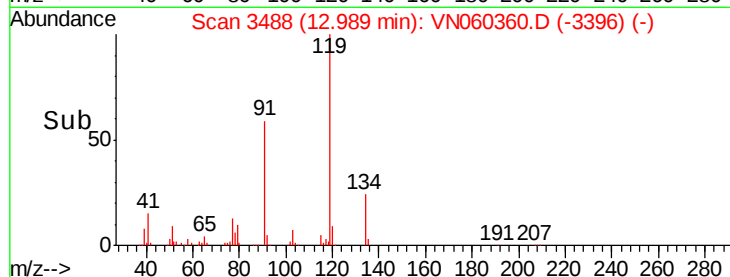
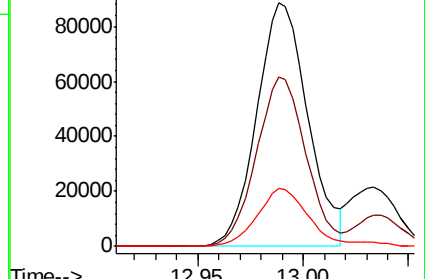
134 24.4 12.4 37.0



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: 19.103 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060360.D

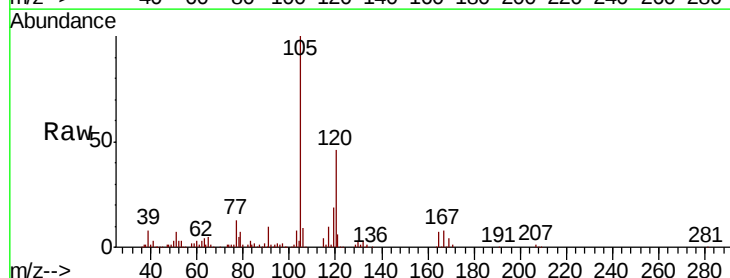
Acq: 5 Mar 2020 12:21

Tgt Ion:105 Resp: 172286

Ion Ratio Lower Upper

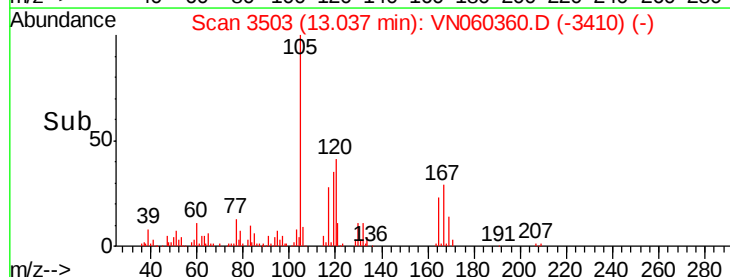
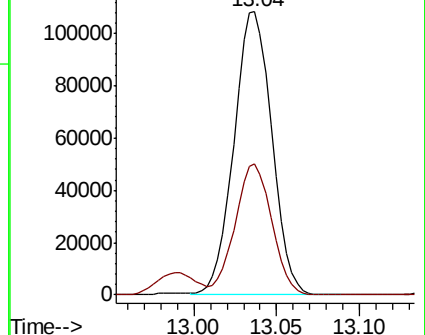
105 100

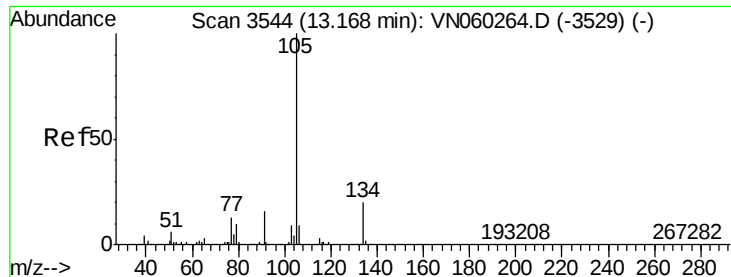
120 44.9 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

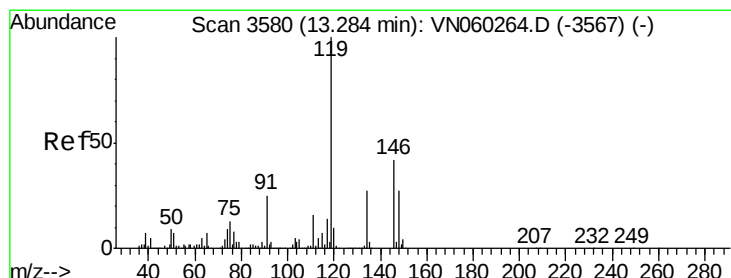
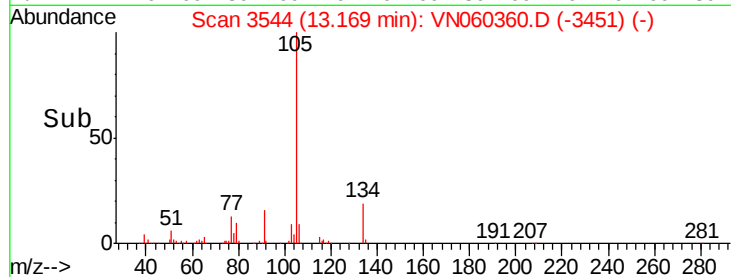
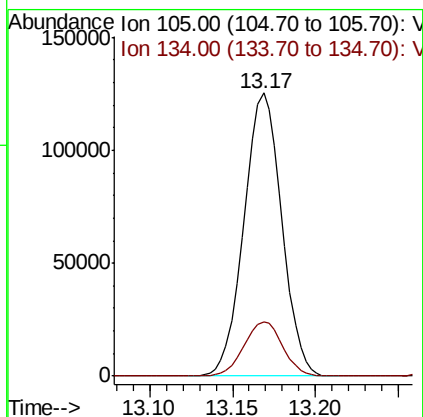
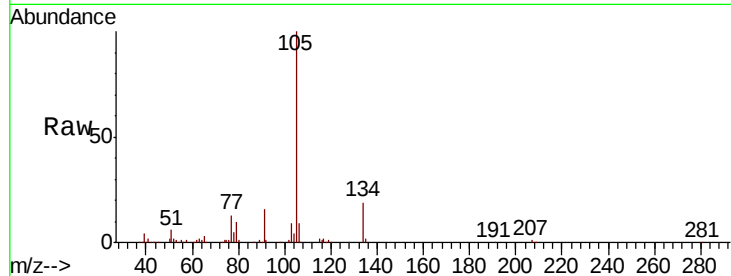




#85
 sec-Butylbenzene
 Concen: 19.159 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

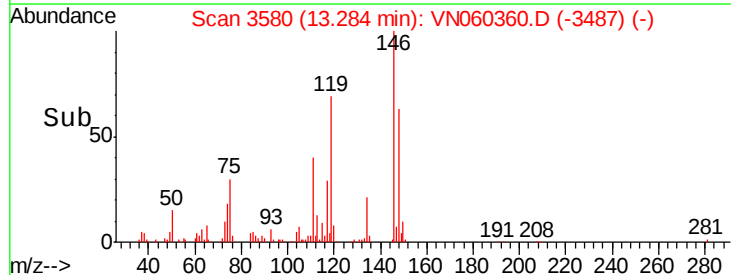
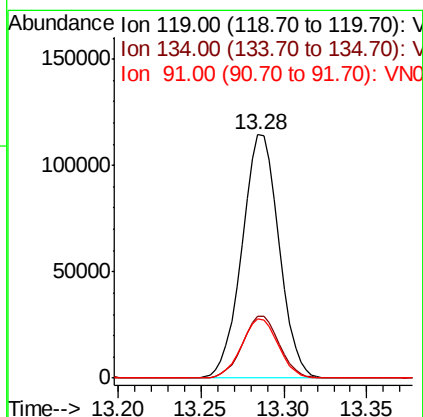
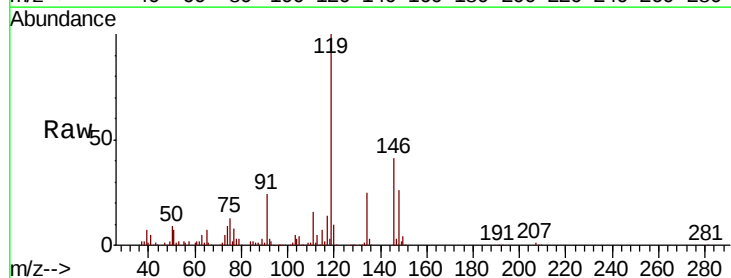
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBS01

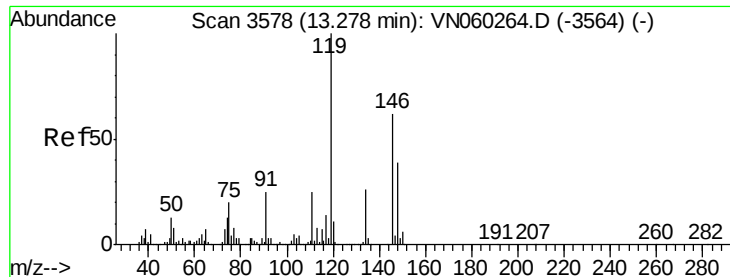
Tot Ion:105 Resp: 198484
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 18.574 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Tgt Ion:119 Resp: 178097
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.6
 91 24.3 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 19.606 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0305WBS01

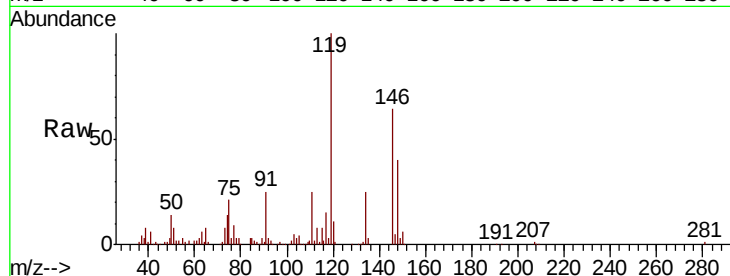
Tot Ion:146 Resp: 88157

Ion Ratio Lower Upper

146 100

111 40.5 20.0 59.9

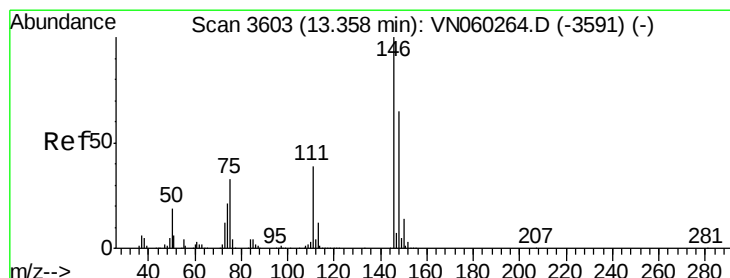
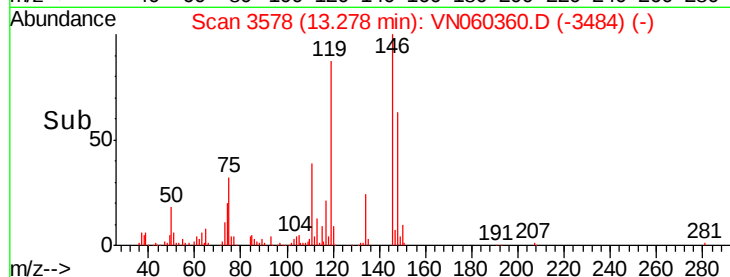
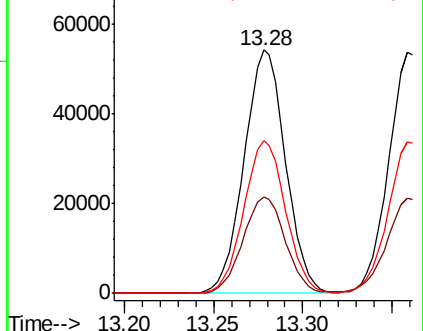
148 63.0 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 19.407 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

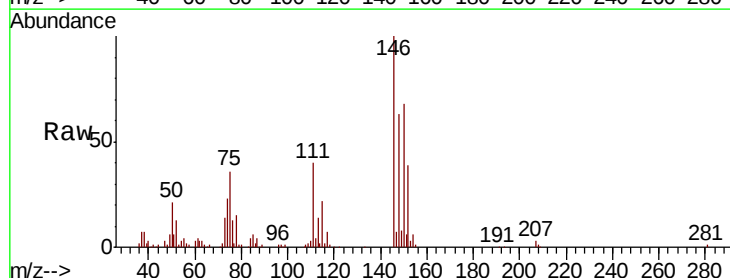
Tgt Ion:146 Resp: 87196

Ion Ratio Lower Upper

146 100

111 41.0 19.8 59.4

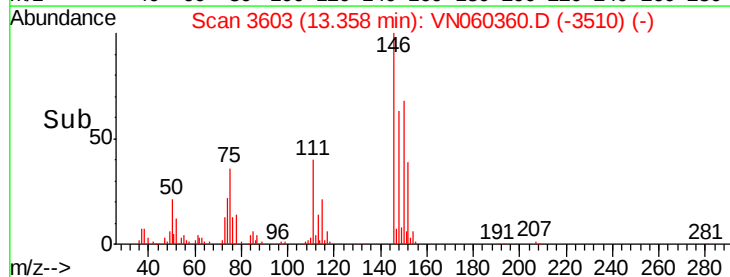
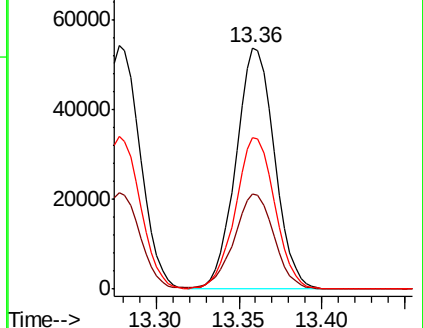
148 64.0 32.3 96.9

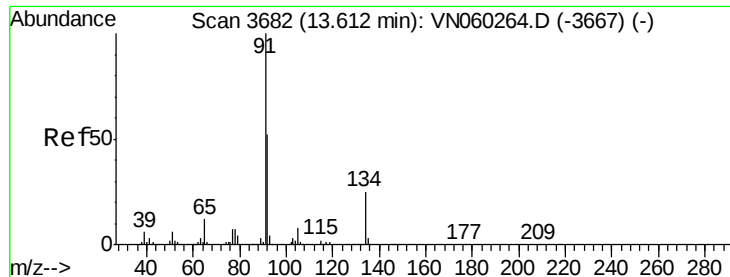


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.206 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060360.D

Acq: 5 Mar 2020 12:21

Instrument :

MSVOA_N

ClientSampled :

VN0305WBS01

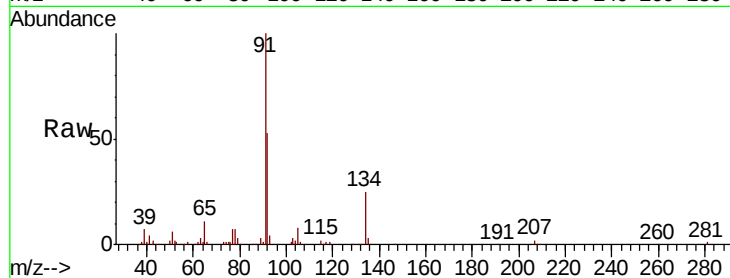
Tot Ion: 91 Resp: 160250

Ion Ratio Lower Upper

91 100

92 52.5 26.0 78.0

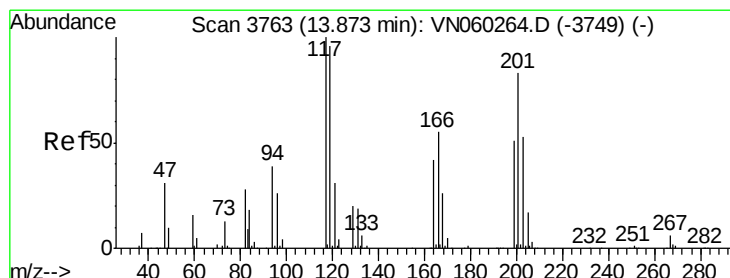
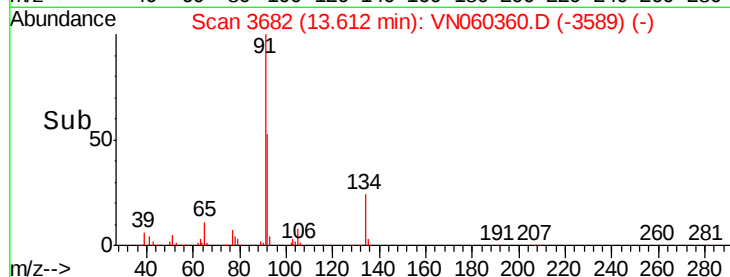
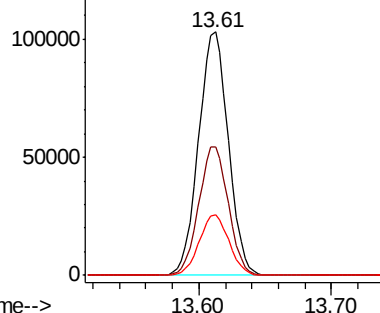
134 24.9 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VN060360.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN060360.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN060360.D (-3667) (-)



#90

Hexachloroethane

Concen: 17.932 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN060360.D

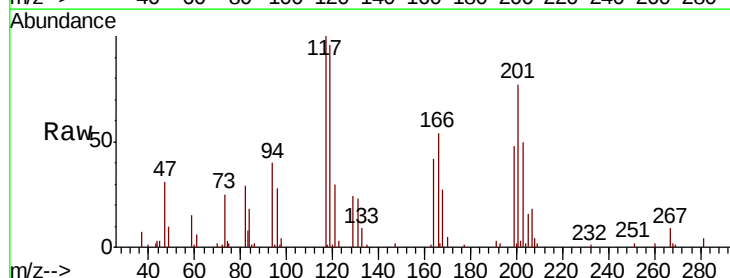
Acq: 5 Mar 2020 12:21

Tgt Ion: 117 Resp: 24888

Ion Ratio Lower Upper

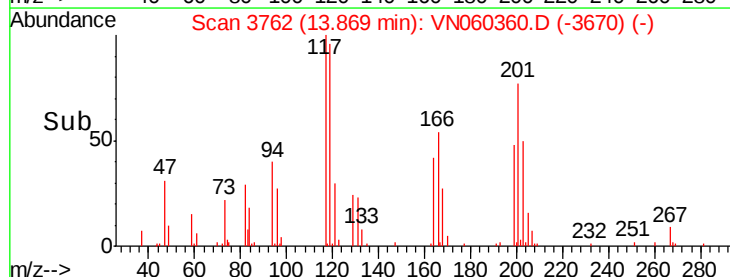
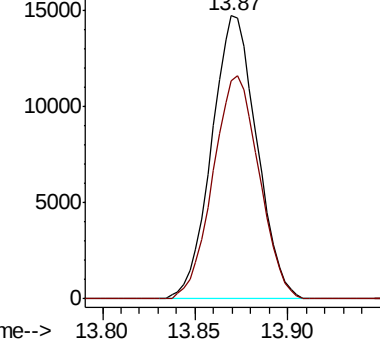
117 100

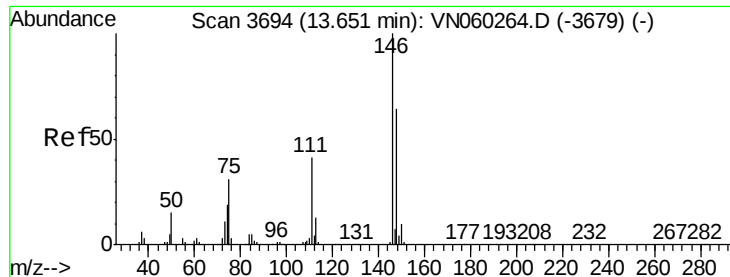
201 80.3 41.0 123.0



Abundance Ion 116.80 (116.50 to 117.50): VN060360.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060360.D (-3749) (-)

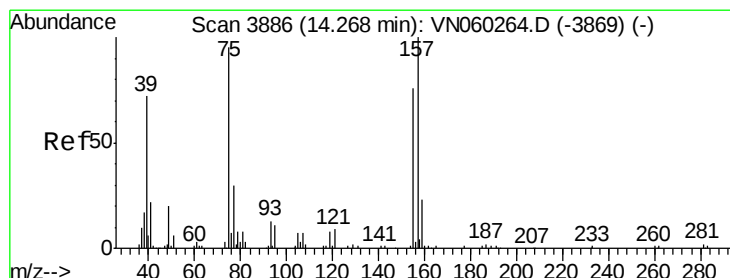
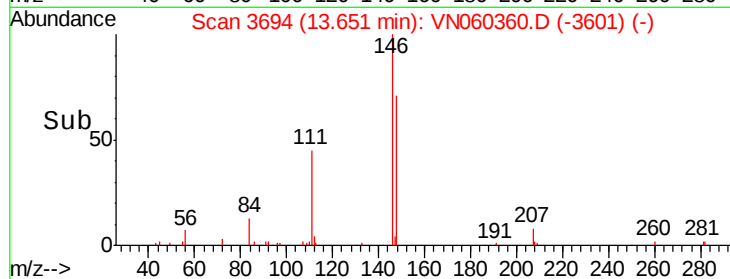
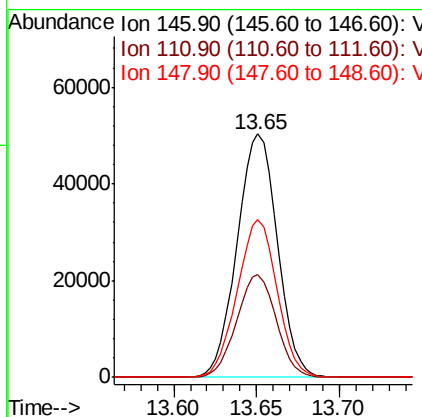
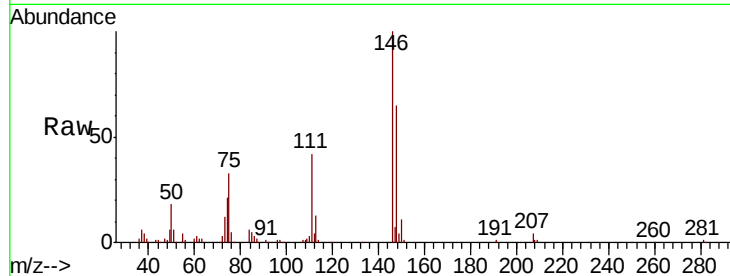




#91
 1,2-Dichlorobenzene
 Concen: 18.711 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

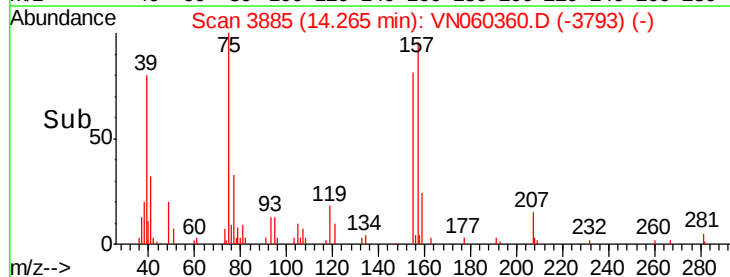
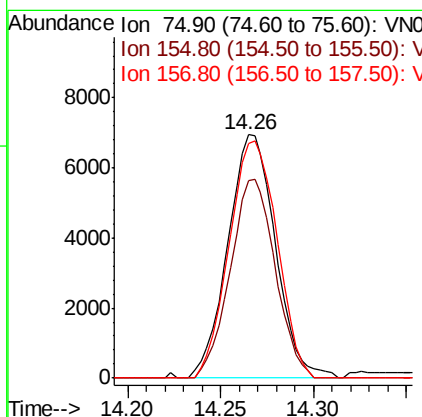
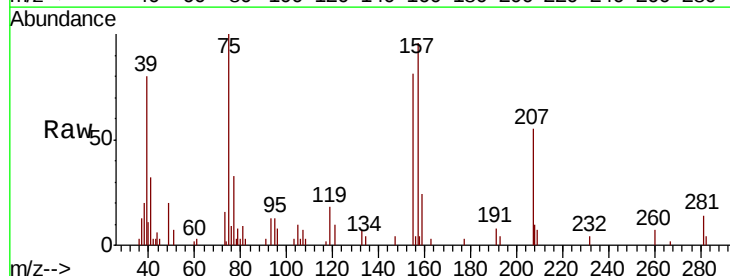
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBS01

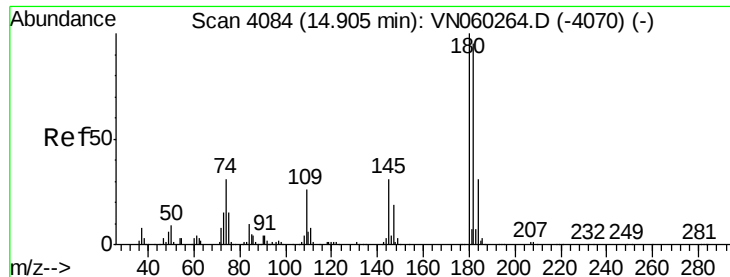
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	61.0
148	64.1	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.955 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.1	40.4	121.2
157	97.7	52.5	157.5

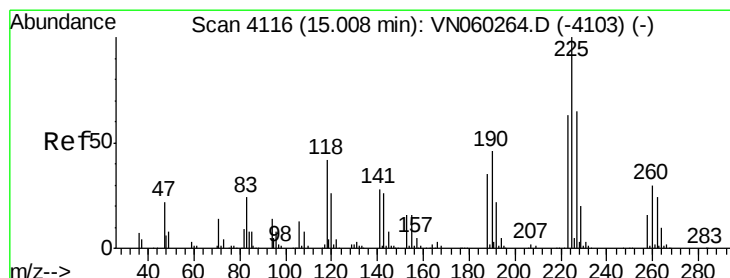
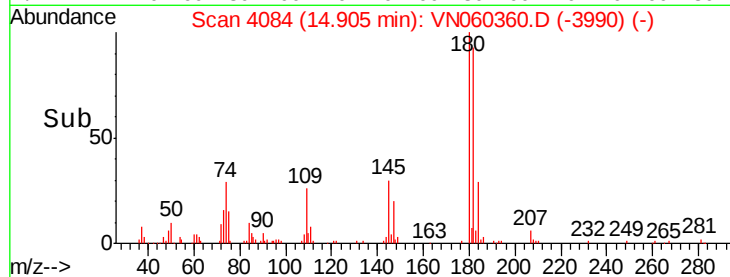
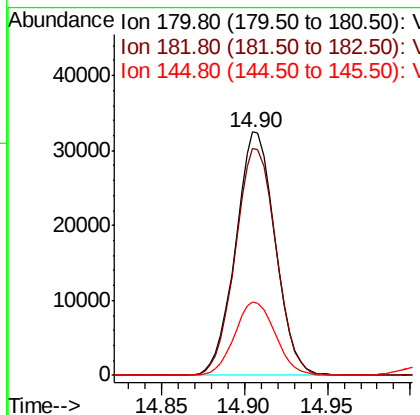
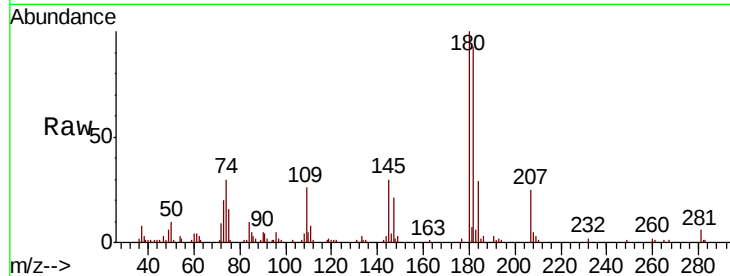




#93
 1,2,4-Trichlorobenzene
 Concen: 18.699 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

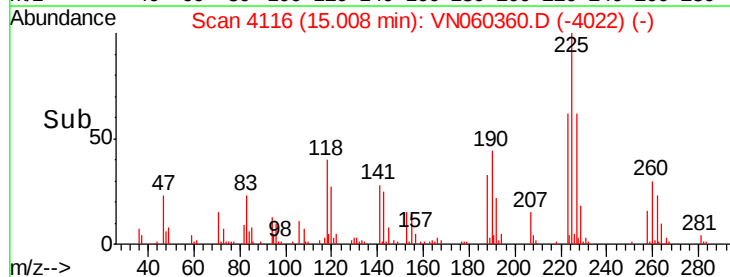
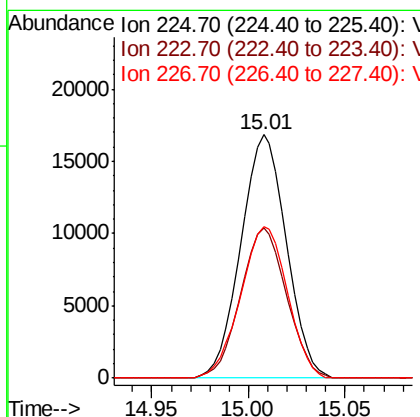
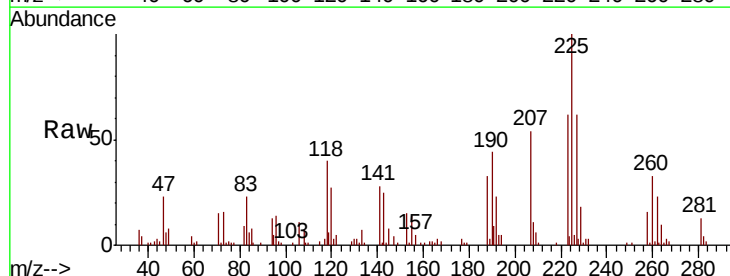
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0305WBS01

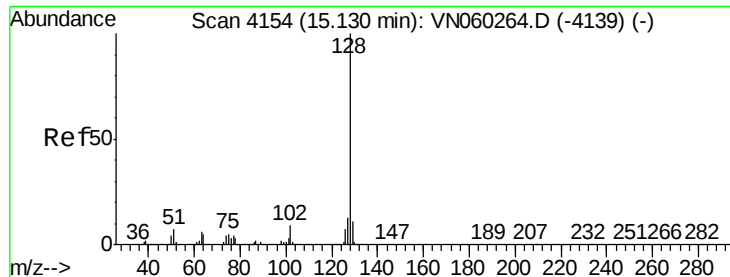
Tot Ion:180 Resp: 54002
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.8 143.3
 145 30.9 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 20.356 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060360.D
 Acq: 5 Mar 2020 12:21

Tgt Ion:225 Resp: 27554
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.3 93.9
 227 63.9 32.3 96.9

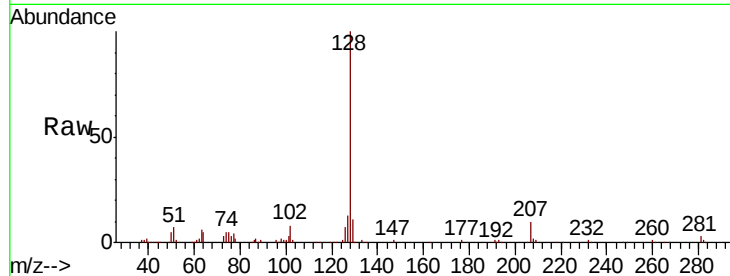




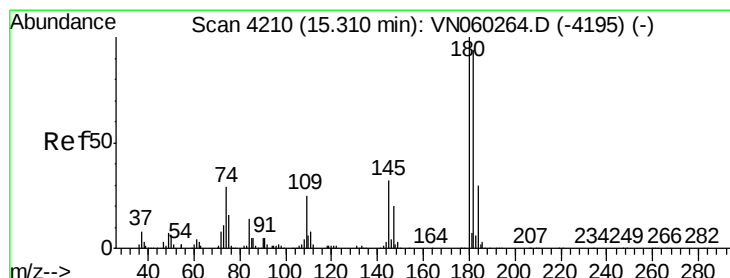
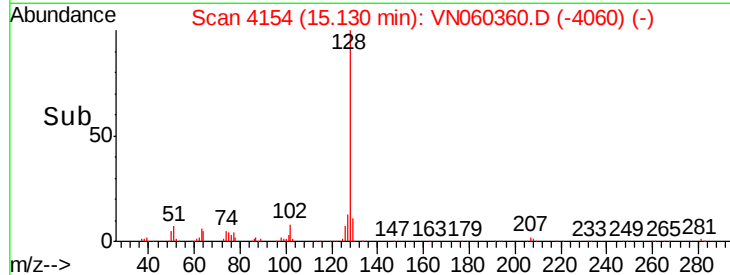
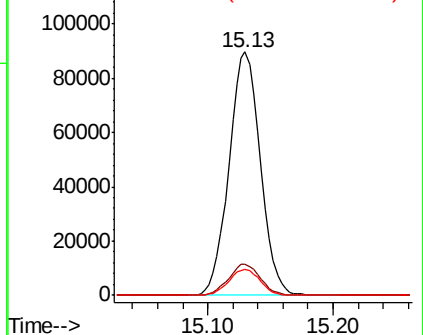
#95
Naphthalene
Concen: 18.028 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0305WBS01

Tot Ion:128 Resp: 155290
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.6 8.6 13.0

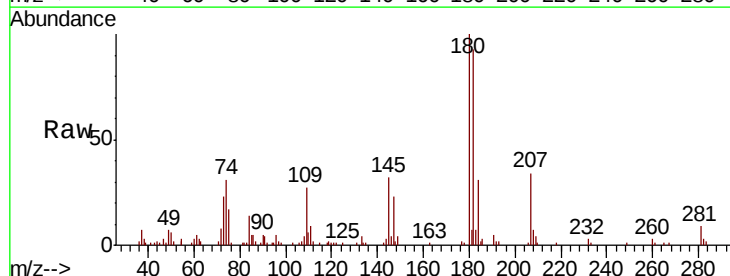


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.808 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060360.D
Acq: 5 Mar 2020 12:21

Tgt Ion:180 Resp: 51614
Ion Ratio Lower Upper
180 100
182 93.2 47.3 142.0
145 32.1 16.2 48.5



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

