

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041320\
 Data File : VN060912.D
 Acq On : 13 Apr 2020 20:57
 Operator : JC/MD
 Sample : VN0413WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBS01

Quant Time: Apr 14 07:23:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	140180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	239615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	212804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	98762	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	91791	47.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.40%	
35) Dibromofluoromethane	7.56	113	68529	47.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.60%	
50) Toluene-d8	10.08	98	250183	42.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.54%	
62) 4-Bromofluorobenzene	12.40	95	91847	42.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	20058	14.788	ug/l	99
3) Chloromethane	2.04	50	40553	16.008	ug/l	97
4) Vinyl Chloride	2.17	62	31974	16.137	ug/l	98
5) Bromomethane	2.55	94	17125	20.021	ug/l	99
6) Chloroethane	2.69	64	21022	18.418	ug/l	99
7) Trichlorofluoromethane	3.00	101	40710	16.679	ug/l	99
8) Diethyl Ether	3.38	74	20422	20.828	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	24830	17.556	ug/l	99
10) Methyl Iodide	3.93	142	23078	18.338	ug/l	98
11) Tert butyl alcohol	4.72	59	27371	96.713	ug/l	98
12) 1,1-Dichloroethene	3.72	96	26008	17.136	ug/l	97
13) Acrolein	3.58	56	6738	21.482	ug/l	97
14) Allyl chloride	4.29	41	56107	21.019	ug/l	90
15) Acrylonitrile	4.94	53	85123	102.284	ug/l	99
16) Acetone	3.78	43	67136	98.491	ug/l	99
17) Carbon Disulfide	4.03	76	71096	15.403	ug/l	100
18) Methyl Acetate	4.28	43	41393	21.574	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	106367	20.384	ug/l	98
20) Methylene Chloride	4.52	84	32279	19.250	ug/l	97
21) trans-1,2-Dichloroethene	5.00	96	29264	18.092	ug/l	93
22) Diisopropyl ether	5.91	45	120730	21.408	ug/l	98
23) Vinyl Acetate	5.85	43	487506	105.949	ug/l	99
24) 1,1-Dichloroethane	5.82	63	61597	20.036	ug/l	100
25) 2-Butanone	6.80	43	109481	99.256	ug/l	97
26) 2,2-Dichloropropane	6.79	77	45764	18.920	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	35864	19.511	ug/l	99
28) Bromochloromethane	7.17	49	34951	23.762	ug/l	98
29) Tetrahydrofuran	7.18	42	76040	97.433	ug/l	97
30) Chloroform	7.34	83	58522	19.856	ug/l	98
31) Cyclohexane	7.63	56	50686	16.354	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	46623	18.350	ug/l	98
36) 1,1-Dichloropropene	7.77	75	40186	17.320	ug/l	98
37) Ethyl Acetate	6.89	43	49321	19.673	ug/l	99
38) Carbon Tetrachloride	7.75	117	34989	16.826	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	45988	16.679	ug/l	97
40) Benzene	8.02	78	131199	18.732	ug/l	100
41) Methacrylonitrile	7.18	41	68326	63.860	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	48569	20.290	ug/l	98
43) Isopropyl Acetate	8.14	43	82015	19.836	ug/l	99
44) Trichloroethene	8.81	130	31811	18.016	ug/l	96
45) 1,2-Dichloropropane	9.10	63	37267	20.164	ug/l	100
46) Dibromomethane	9.19	93	22093	19.773	ug/l	99
47) Bromodichloromethane	9.38	83	45828	19.738	ug/l	99
48) Methyl methacrylate	9.18	41	35326	19.190	ug/l	98
49) 1,4-Dioxane	9.18	88	8955	409.268	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	235891	100.261	ug/l	98
52) Toluene	10.14	92	76839	18.165	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	52969	19.861	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	57808	19.758	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	32695	20.091	ug/l	99
56) Ethyl methacrylate	10.42	69	49349	19.448	ug/l	97
57) 1,3-Dichloropropane	10.70	76	57635	20.409	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	111437	88.363	ug/l	99
59) 2-Hexanone	10.74	43	163076	96.220	ug/l	99
60) Dibromochloromethane	10.89	129	32638	19.416	ug/l	98
61) 1,2-Dibromoethane	10.99	107	31952	19.526	ug/l	99
64) Tetrachloroethene	10.62	164	27859	16.636	ug/l	99
65) Chlorobenzene	11.43	112	78873	18.696	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	29489	19.306	ug/l	98
67) Ethyl Benzene	11.50	91	142184	18.124	ug/l	99
68) m/p-Xylenes	11.61	106	104346	35.792	ug/l	99
69) o-Xylene	11.94	106	51413	18.474	ug/l	100
70) Styrene	11.96	104	81636	17.936	ug/l	99
71) Bromoform	12.12	173	21959	18.397	ug/l #	98
73) Isopropylbenzene	12.24	105	133420	18.001	ug/l	99
74) N-amyl acetate	12.06	43	66849	19.519	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	45523	20.310	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	60151	28.226	ug/l #	100
77) Bromobenzene	12.52	156	32668	18.292	ug/l	95
78) n-propylbenzene	12.59	91	157041	17.934	ug/l	98
79) 2-Chlorotoluene	12.67	91	94120	17.989	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	112950	17.958	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	15311	18.452	ug/l	96
82) 4-Chlorotoluene	12.77	91	99037	18.586	ug/l	98
83) tert-Butylbenzene	12.99	119	93564	17.945	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	113816	18.291	ug/l	99
85) sec-Butylbenzene	13.17	105	128578	18.339	ug/l	99
86) p-Isopropyltoluene	13.28	119	115624	18.339	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	58472	18.563	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	57998	18.327	ug/l	98
89) n-Butylbenzene	13.61	91	106475	18.705	ug/l	99
90) Hexachloroethane	13.87	117	17756	19.375	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	56548	18.775	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	8565	18.073	ug/l	94

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Quant Title : SW846 8260
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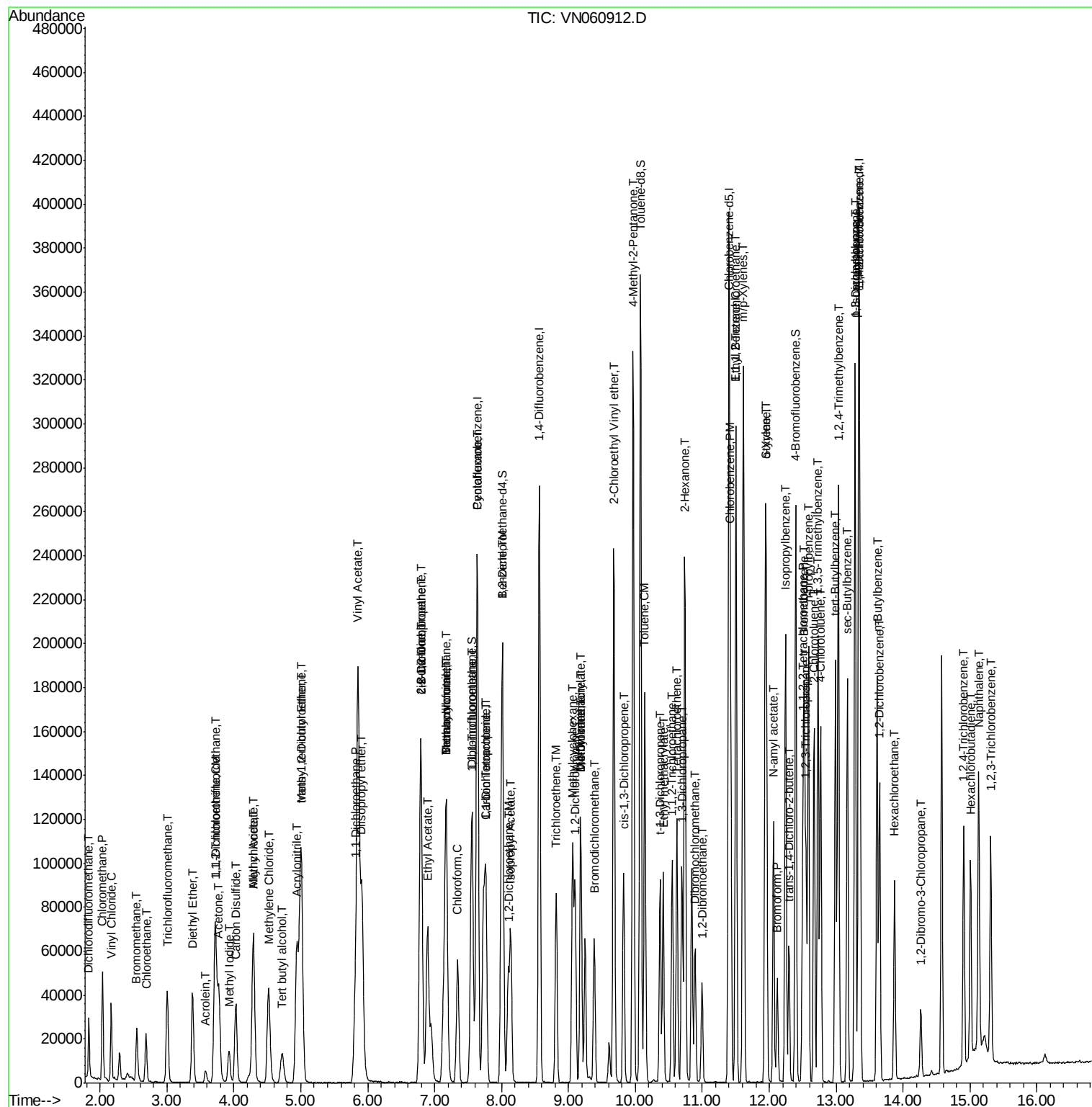
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	34267	18.527	ug/l	99
94) Hexachlorobutadiene	15.01	225	17444	19.239	ug/l	99
95) Naphthalene	15.13	128	101737	18.287	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	34142	18.741	ug/l	99

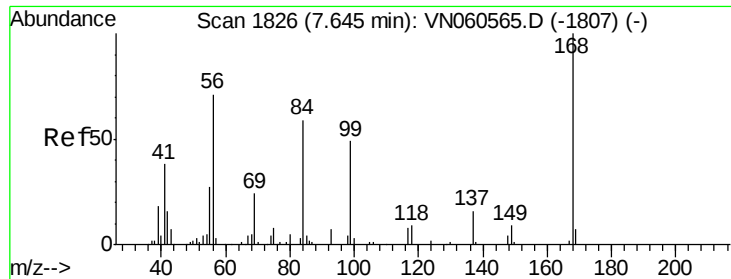
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041320\
Data File : VN060912.D
Acq On : 13 Apr 2020 20:57
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Misc : 5.00mL/MSVOA N/WATER
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

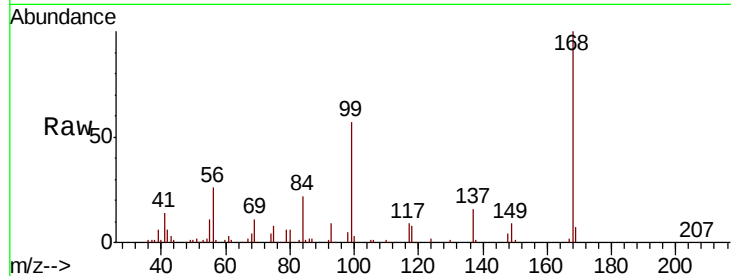
VN0413WBS01

Tot Ion:168 Resp: 140180

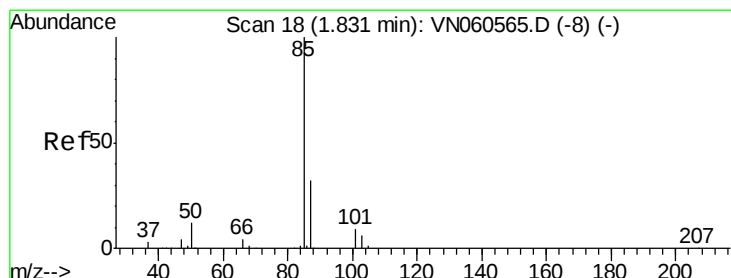
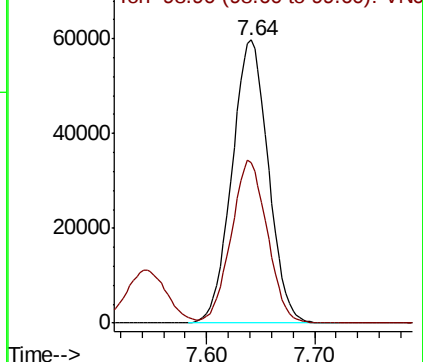
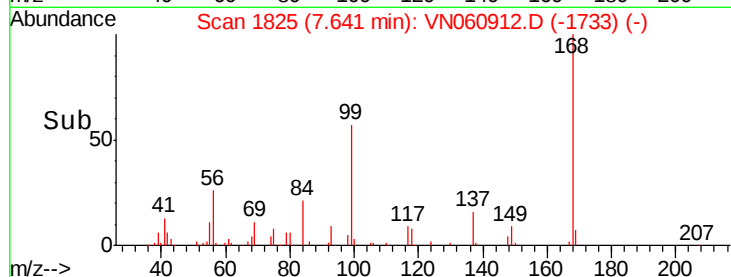
Ion Ratio Lower Upper

168 100

99 56.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060912.D (-1733) (-)



#2

Dichlorodifluoromethane

Concen: 14.788 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060912.D

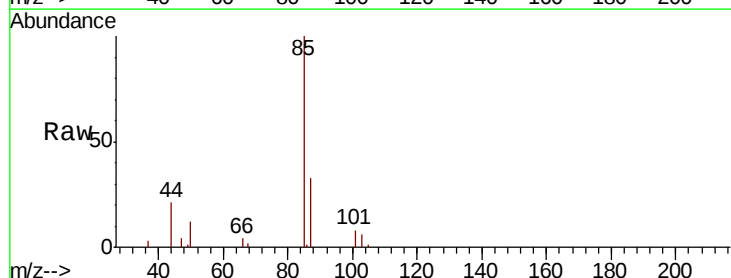
Acq: 13 Apr 2020 20:57

Tgt Ion: 85 Resp: 20058

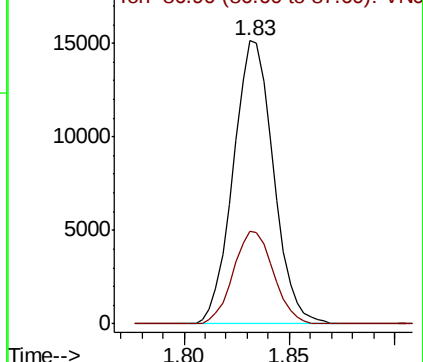
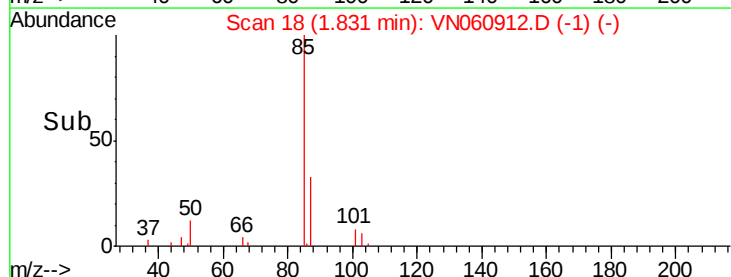
Ion Ratio Lower Upper

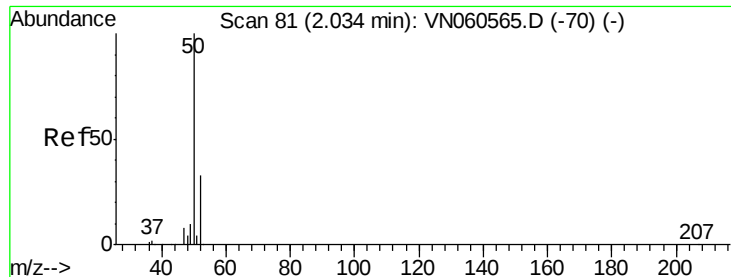
85 100

87 32.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN060912.D (-1) (-)





#3

Chloromethane

Concen: 16.008 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

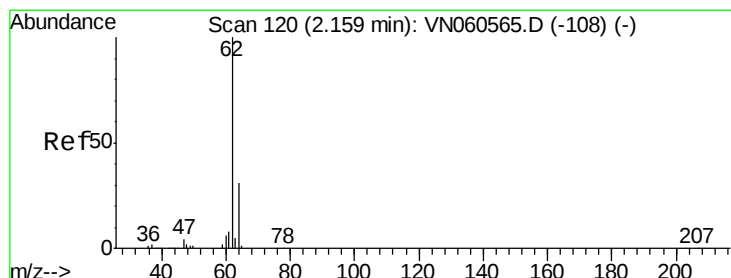
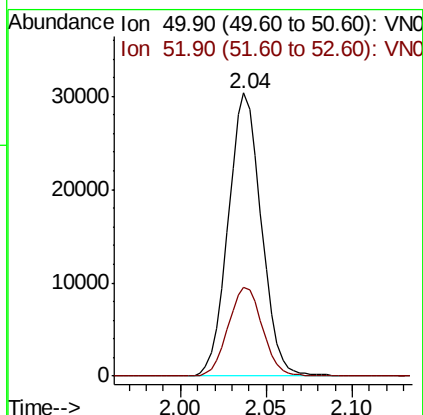
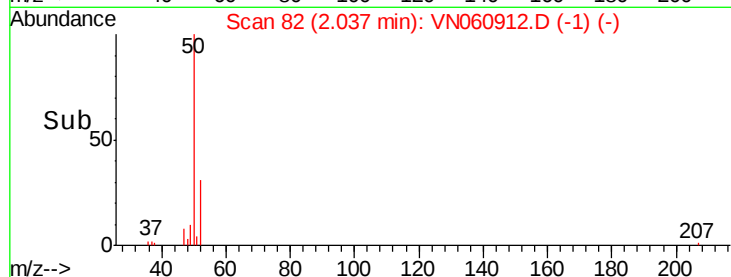
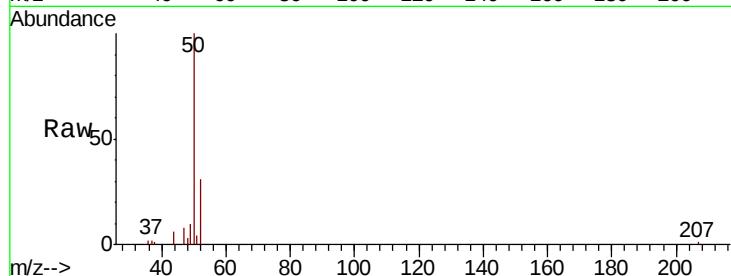
VN0413WBS01

Tot Ion: 50 Resp: 40553

Ion Ratio Lower Upper

50 100

52 31.2 26.2 39.2



#4

Vinyl Chloride

Concen: 16.137 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060912.D

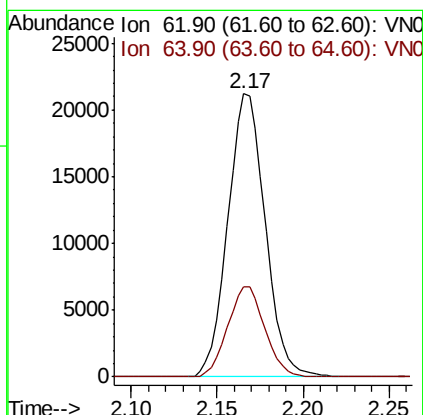
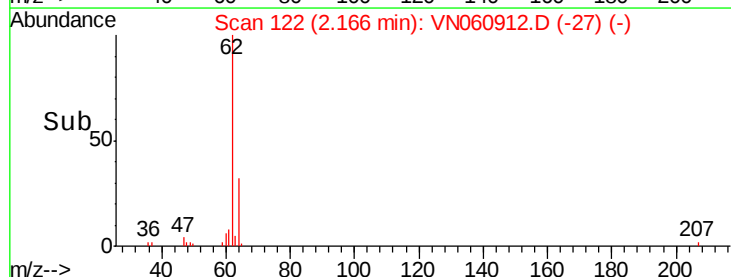
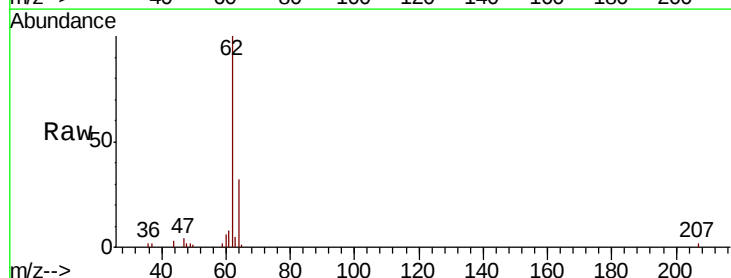
Acq: 13 Apr 2020 20:57

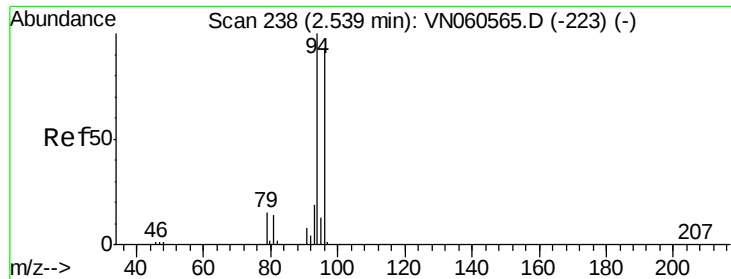
Tgt Ion: 62 Resp: 31974

Ion Ratio Lower Upper

62 100

64 32.0 24.7 37.1

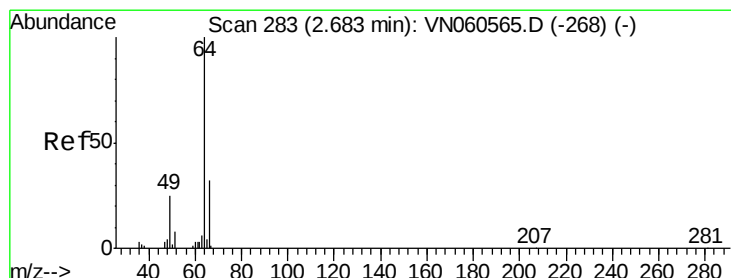
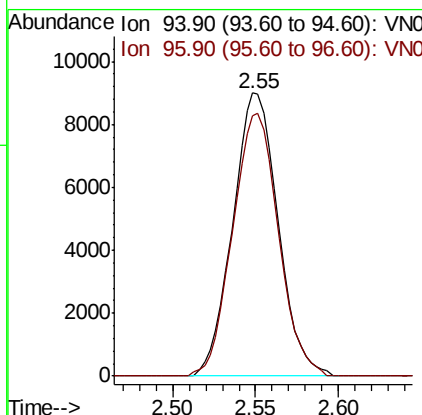
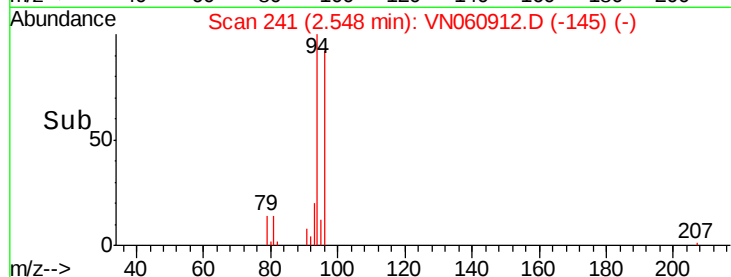
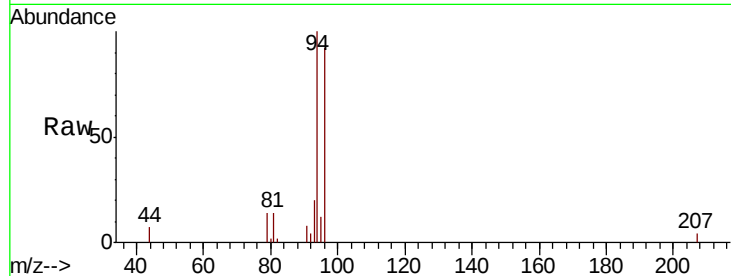




#5
Bromomethane
Concen: 20.021 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

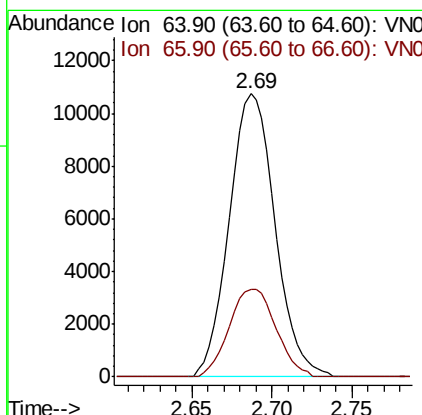
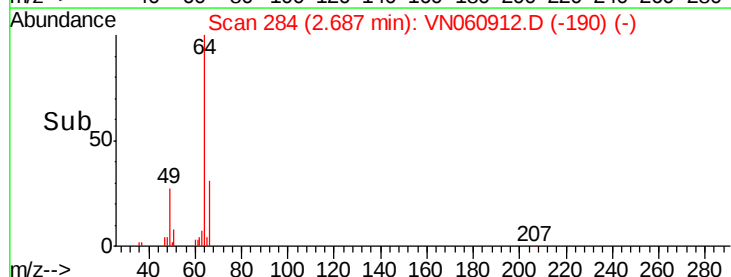
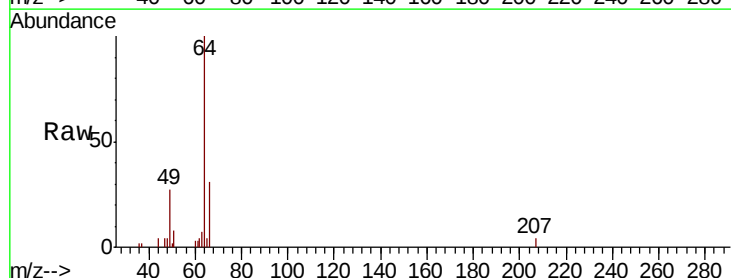
Instrument :
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Tot Ion: 94 Resp: 17125
Ion Ratio Lower Upper
94 100
96 92.2 74.6 112.0



#6
Chloroethane
Concen: 18.418 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Tgt Ion: 64 Resp: 21022
Ion Ratio Lower Upper
64 100
66 31.0 25.3 37.9



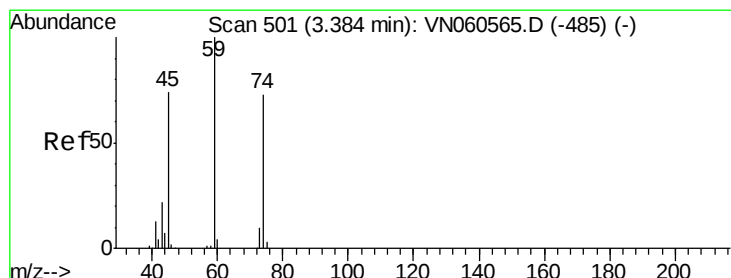
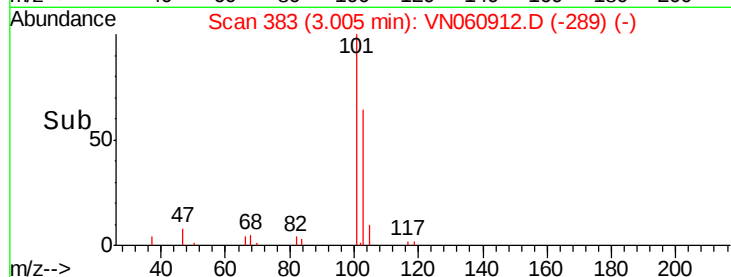
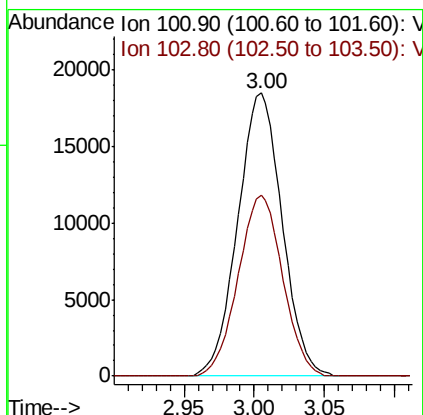
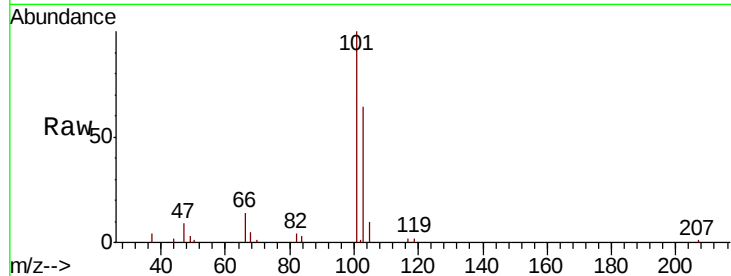


#7

Trichlorofluoromethane
 Concen: 16.679 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060912.D
 Acq: 13 Apr 2020 20:57

Instrument :
 MSVOA_N
 ClientSampleId :
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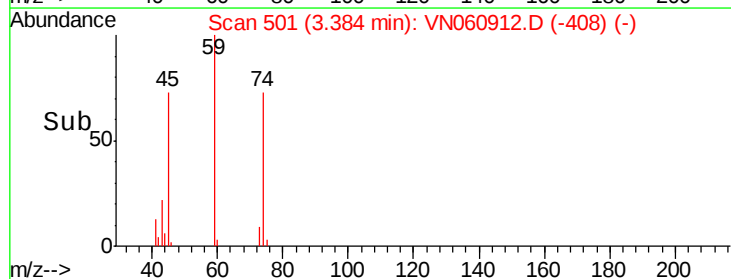
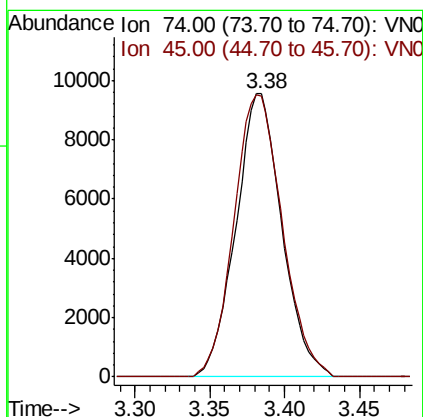
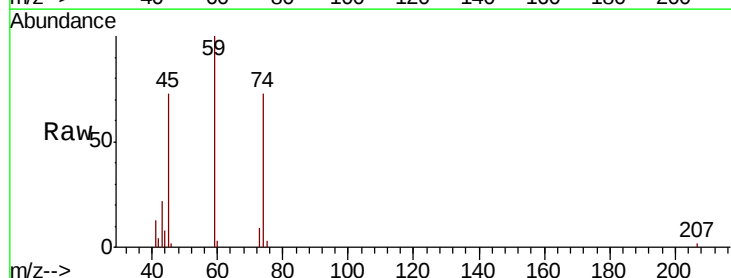
Tot Ion:101 Resp: 40710
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.6 76.0



#8

Diethyl Ether
 Concen: 20.828 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060912.D
 Acq: 13 Apr 2020 20:57

Tgt Ion: 74 Resp: 20422
 Ion Ratio Lower Upper
 74 100
 45 104.5 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.556 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS01

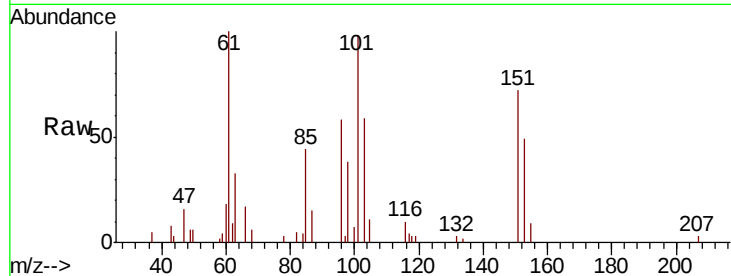
Tot Ion:101 Resp: 24830

Ion Ratio Lower Upper

101 100

85 44.5 35.6 53.4

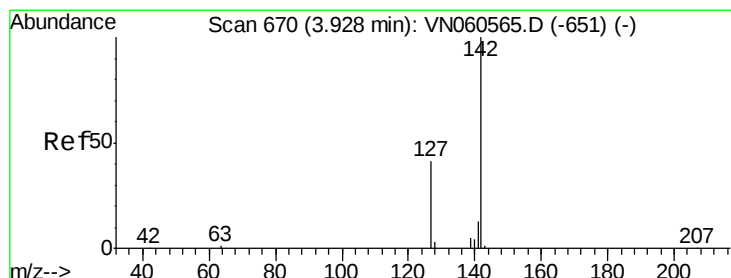
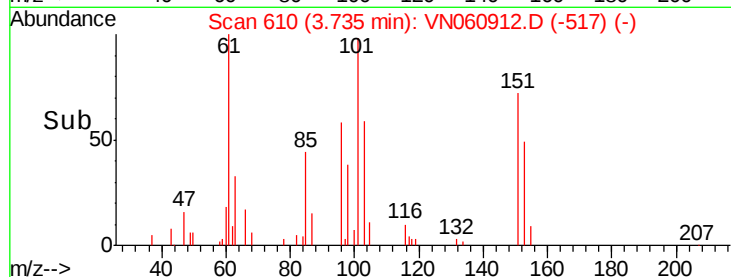
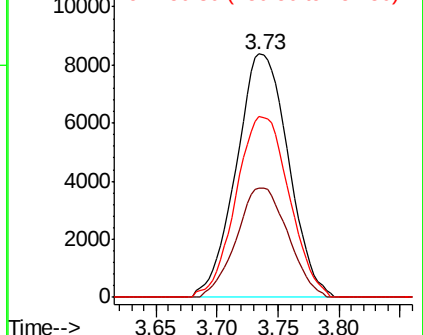
151 75.7 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.338 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

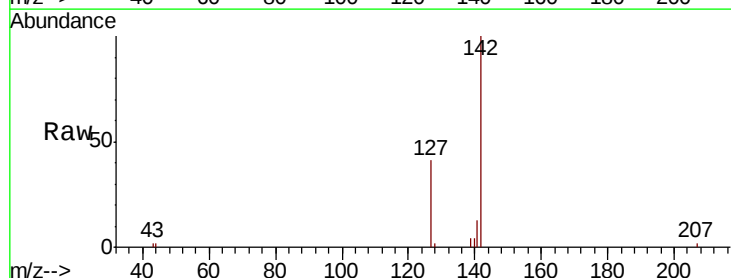
Tgt Ion:142 Resp: 23078

Ion Ratio Lower Upper

142 100

127 40.7 33.5 50.3

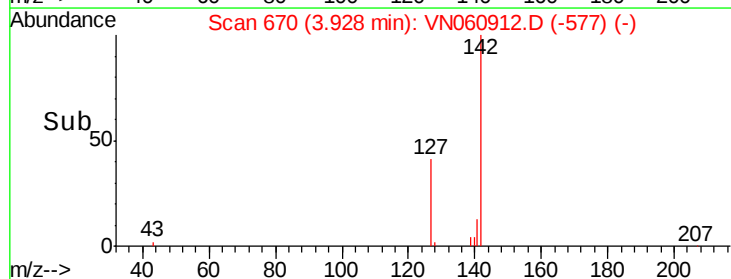
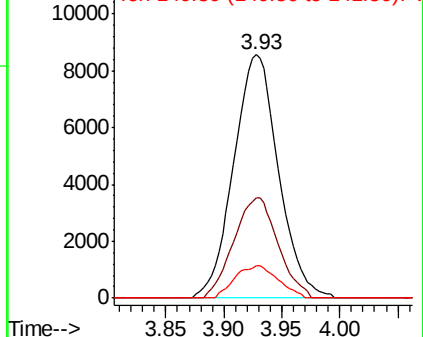
141 12.7 11.0 16.6

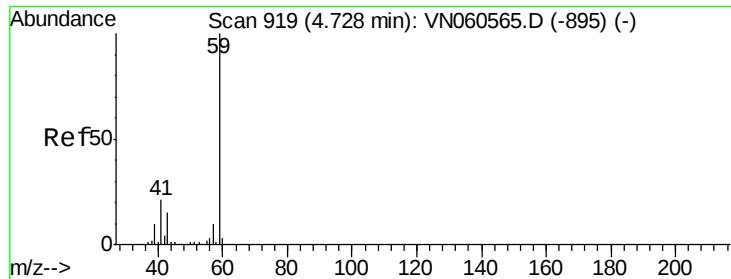


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

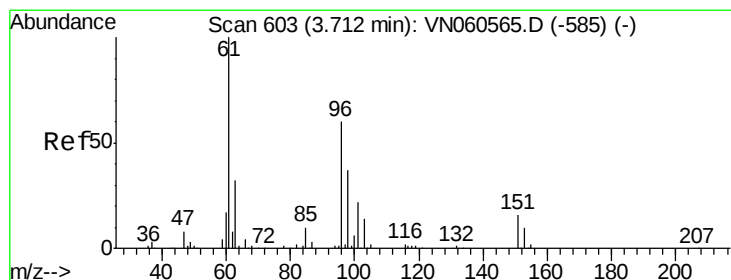
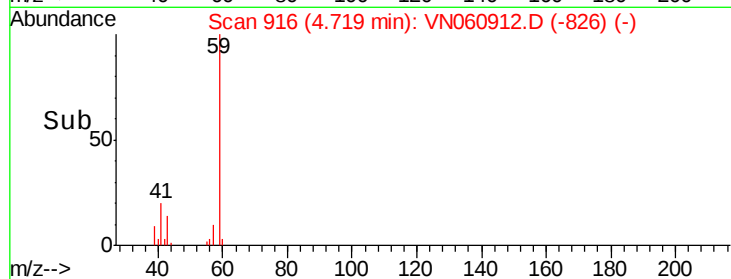
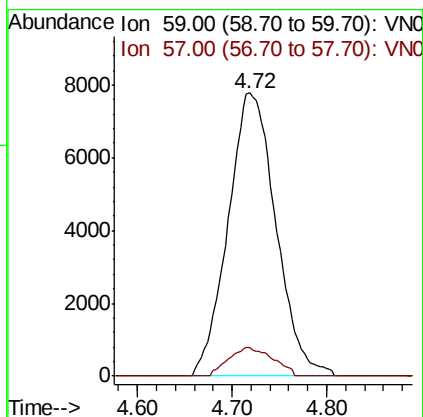
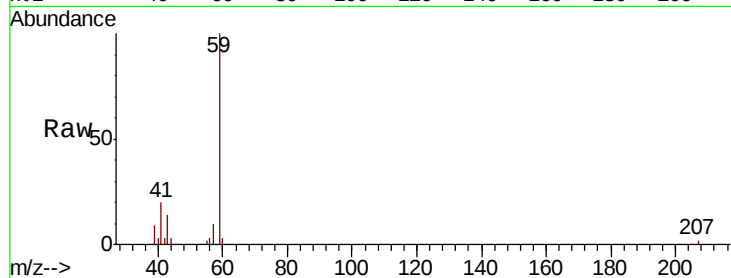




#11
Tert butyl alcohol
Concen: 96.713 ug/l
RT: 4.72 min Scan# 916
Delta R.T. -0.01 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

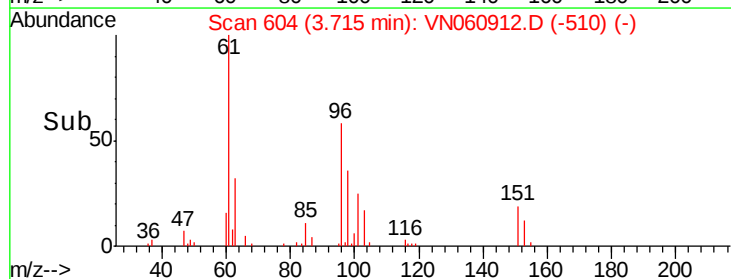
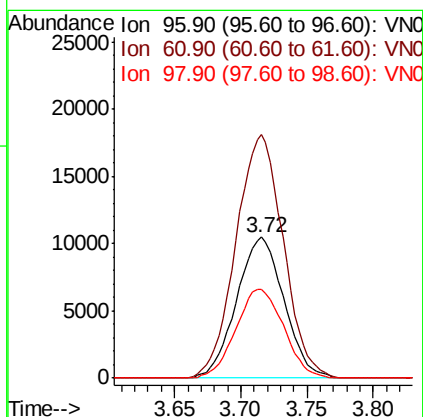
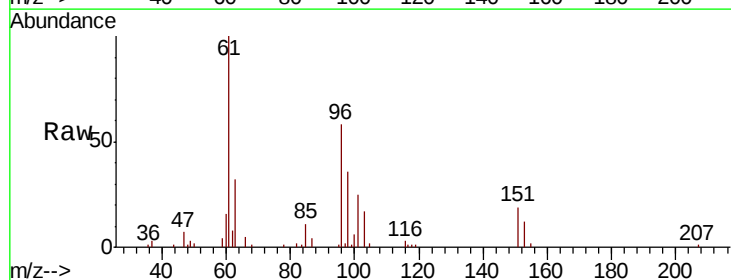
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

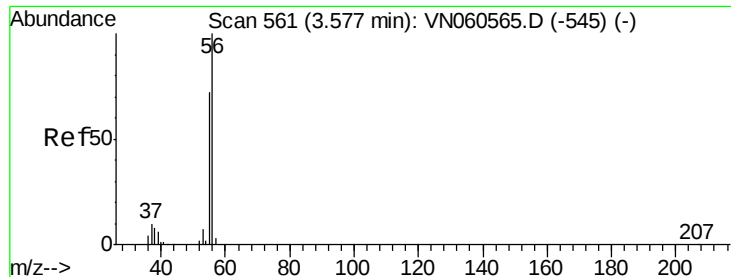
Tot Ion: 59 Resp: 27371
Ion Ratio Lower Upper
59 100
57 9.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.136 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Tgt Ion: 96 Resp: 26008
Ion Ratio Lower Upper
96 100
61 173.1 134.1 201.1
98 63.1 49.9 74.9





#13

Acrolein

Concen: 21.482 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

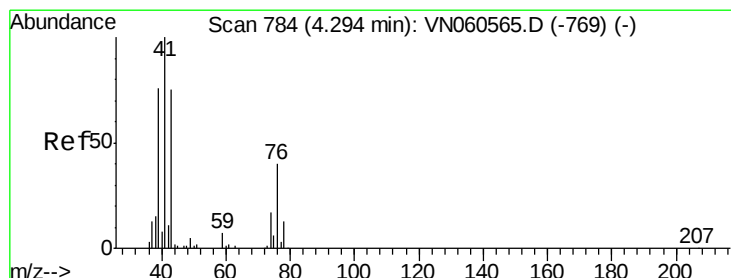
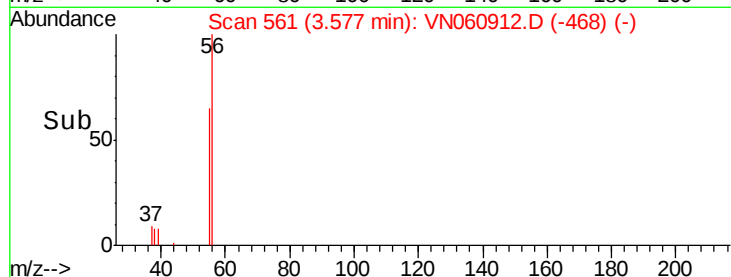
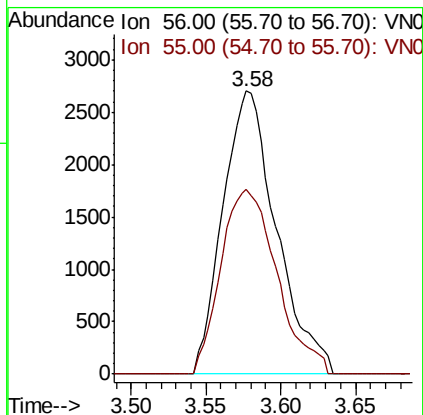
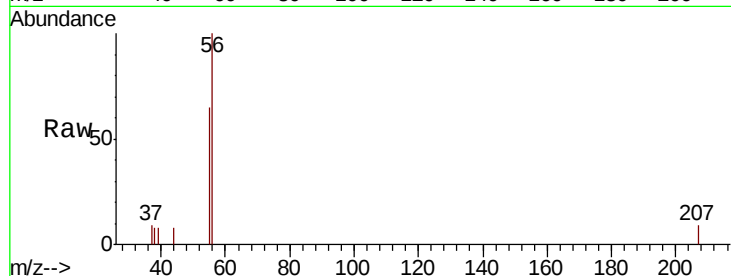
VN0413WBS01

Tot Ion: 56 Resp: 6738

Ion Ratio Lower Upper

56 100

55 68.3 56.7 85.1



#14

Allyl chloride

Concen: 21.019 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

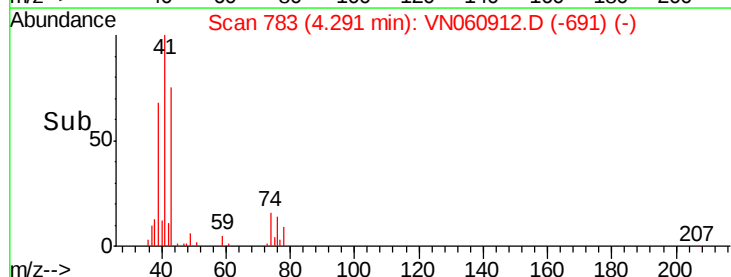
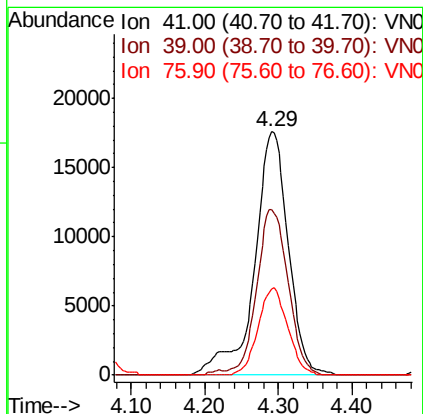
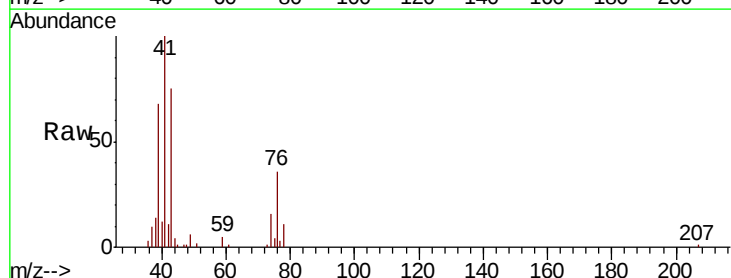
Tgt Ion: 41 Resp: 56107

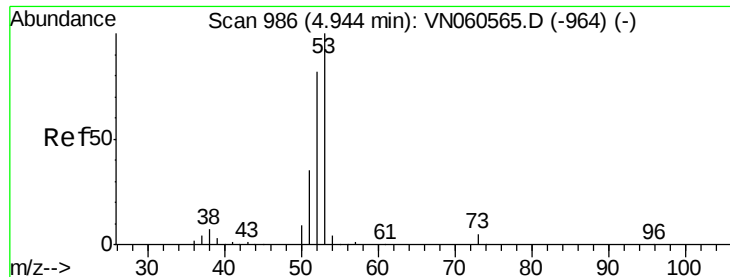
Ion Ratio Lower Upper

41 100

39 63.2 57.8 86.8

76 31.5 28.6 43.0





#15

Acrylonitrile

Concen: 102.284 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS01

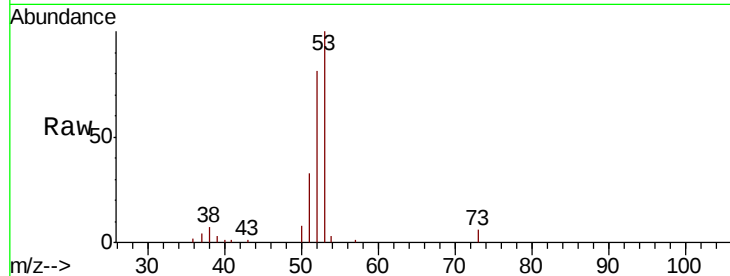
Tot Ion: 53 Resp: 85123

Ion Ratio Lower Upper

53 100

52 82.0 66.2 99.4

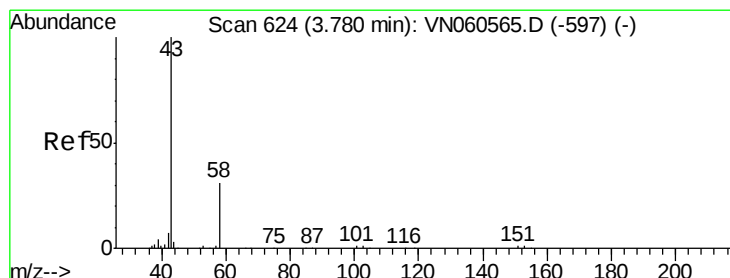
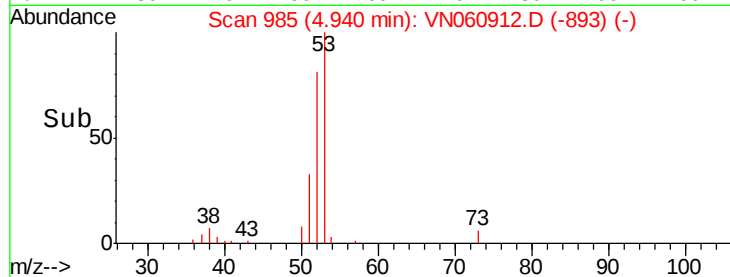
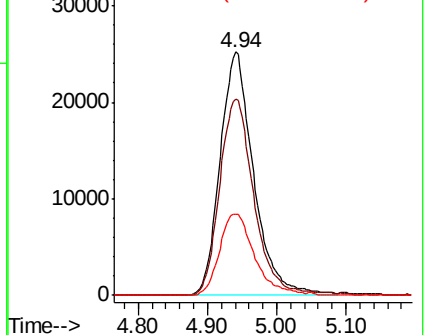
51 34.8 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 98.491 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060912.D

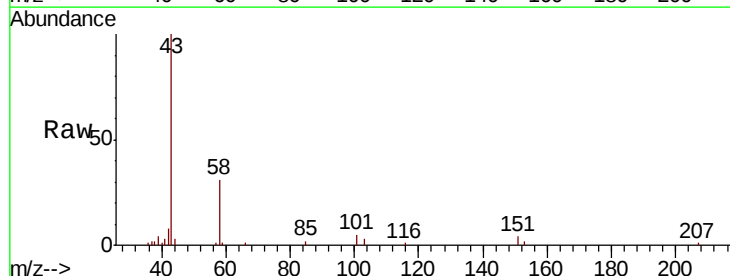
Acq: 13 Apr 2020 20:57

Tgt Ion: 43 Resp: 67136

Ion Ratio Lower Upper

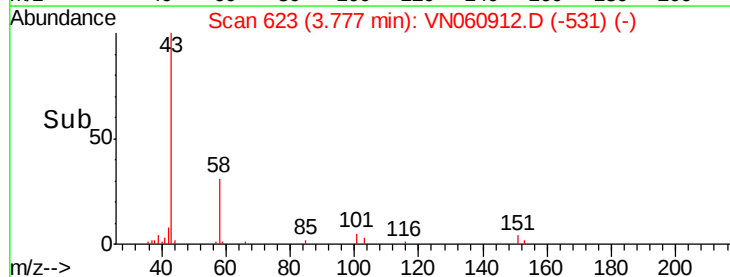
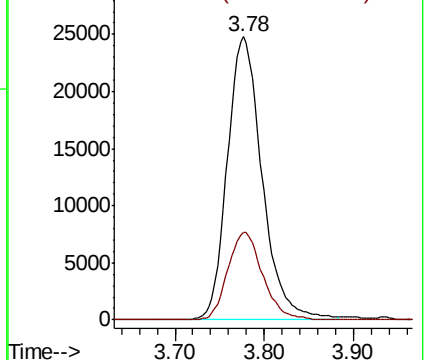
43 100

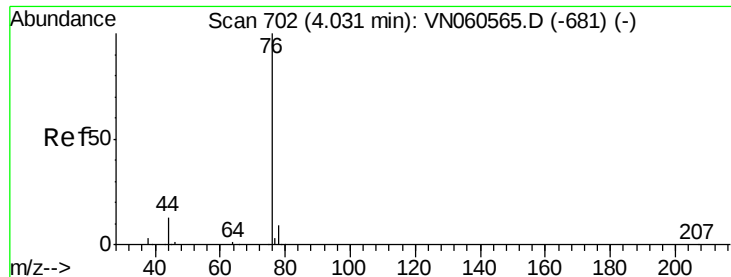
58 31.1 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

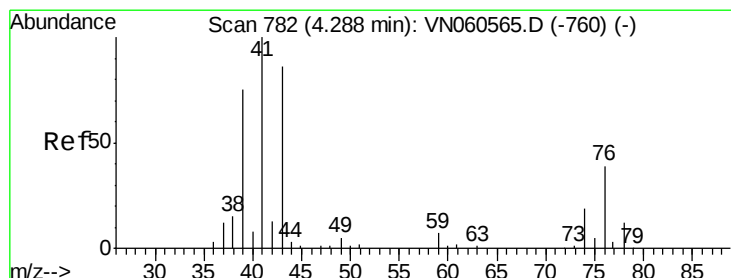
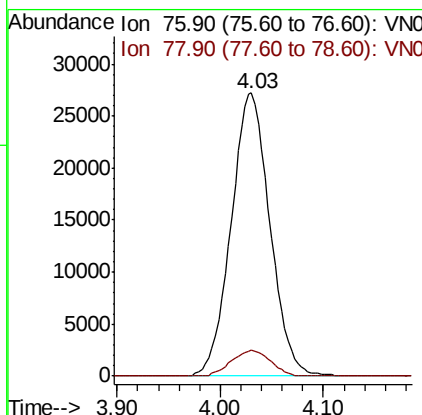
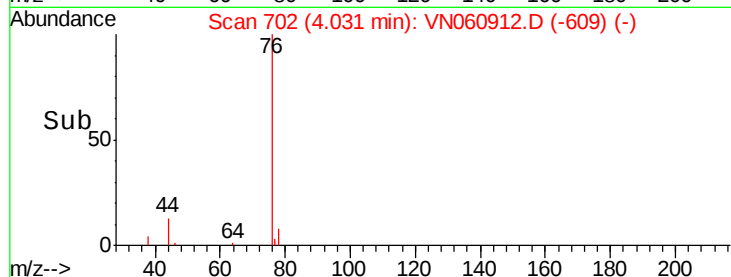
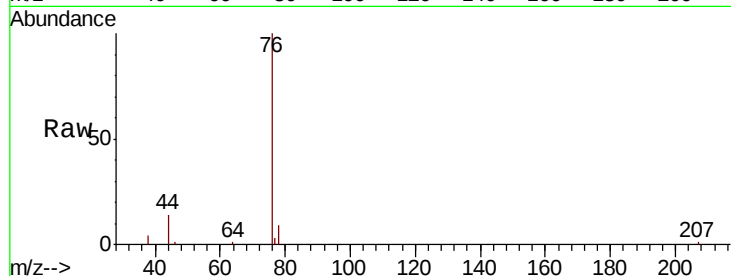




#17
Carbon Disulfide
Concen: 15.403 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

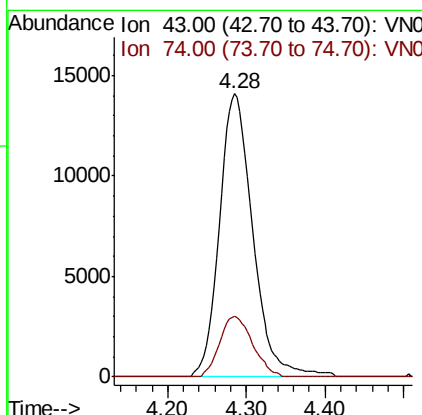
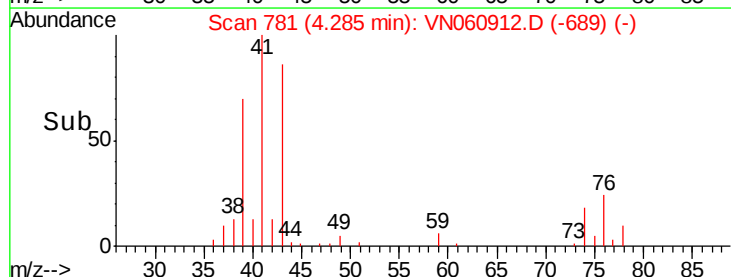
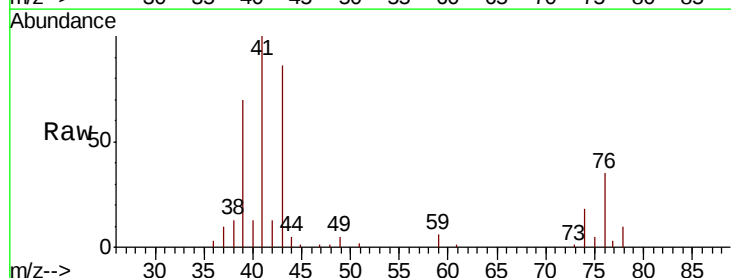
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

Tot Ion: 76 Resp: 71096
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 21.574 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Tgt Ion: 43 Resp: 41393
Ion Ratio Lower Upper
43 100
74 21.1 17.5 26.3

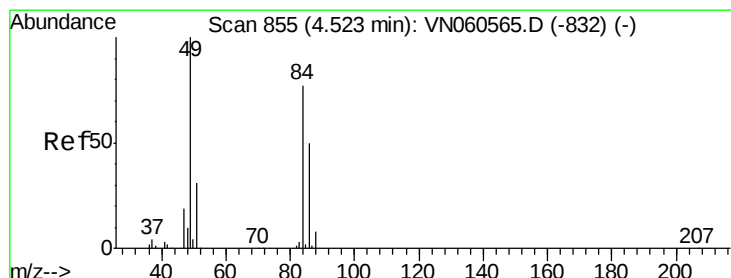
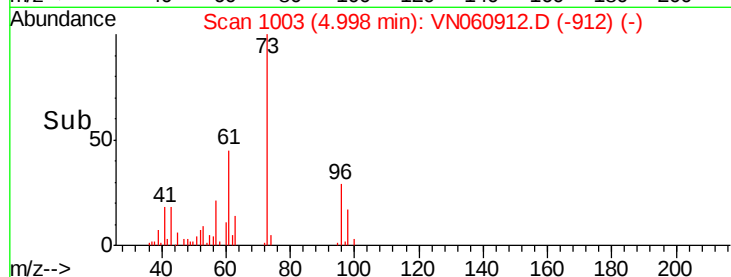
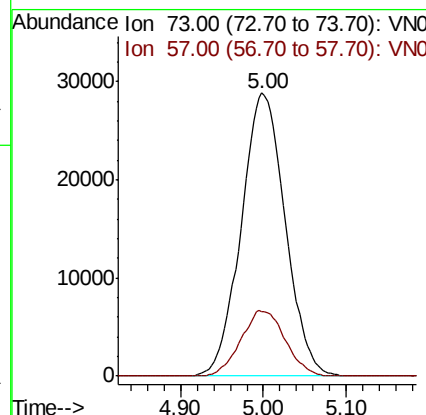
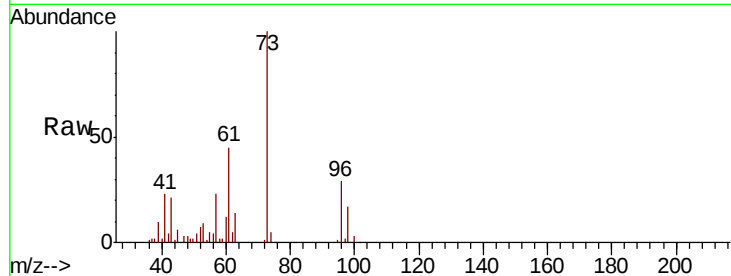




#19
Methvl tert-butvl Ether
Concen: 20.384 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

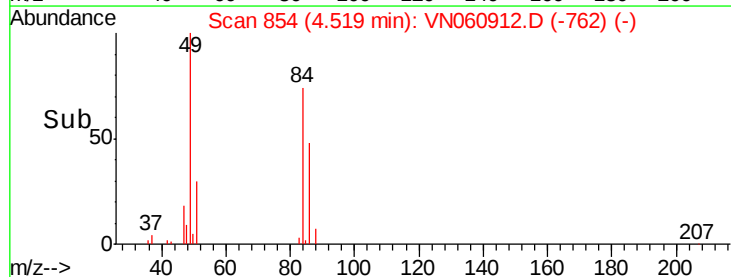
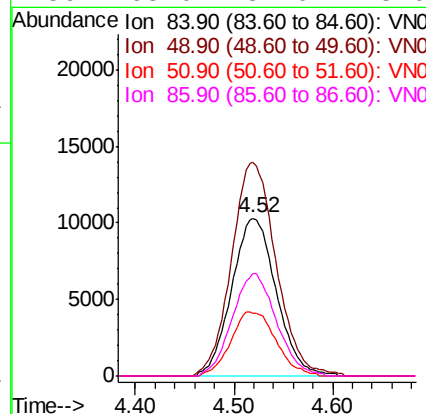
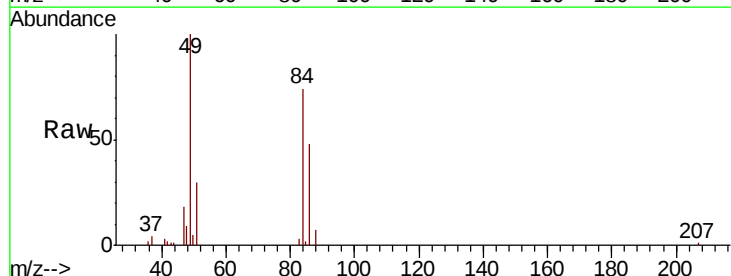
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

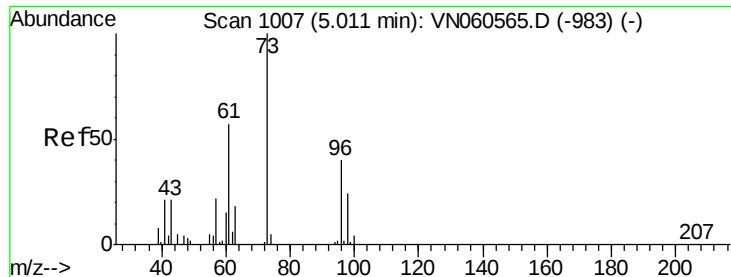
Tot Ion: 73 Resp: 106367
Ion Ratio Lower Upper
73 100
57 22.9 17.5 26.3



#20
Methylene Chloride
Concen: 19.250 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Tgt Ion: 84 Resp: 32279
Ion Ratio Lower Upper
84 100
49 135.4 103.3 154.9
51 40.0 31.6 47.4
86 65.0 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 18.092 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS01

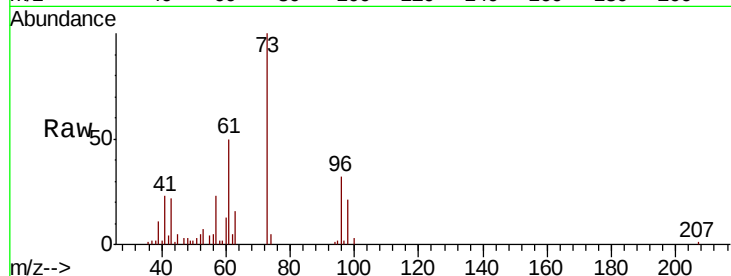
Tot Ion: 96 Resp: 29264

Ion Ratio Lower Upper

96 100

61 153.1 114.4 171.6

98 63.6 48.4 72.6

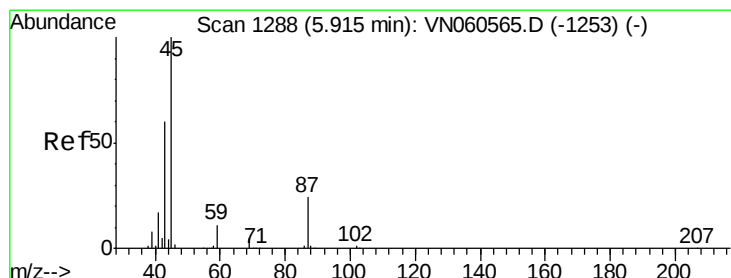
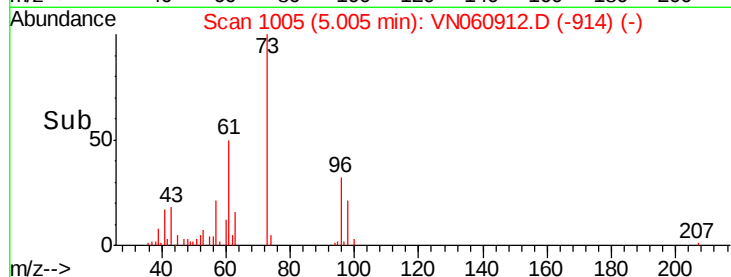
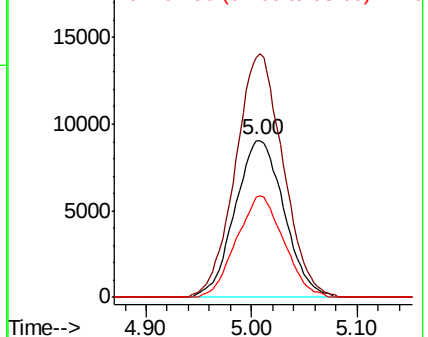


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 21.408 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Tgt Ion: 45 Resp: 120730

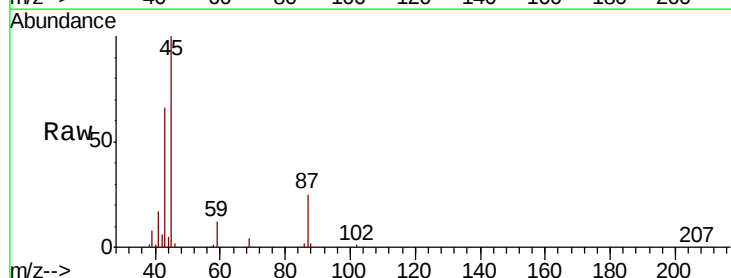
Ion Ratio Lower Upper

45 100

43 63.9 49.8 74.8

87 24.9 20.1 30.1

59 12.0 9.2 13.8



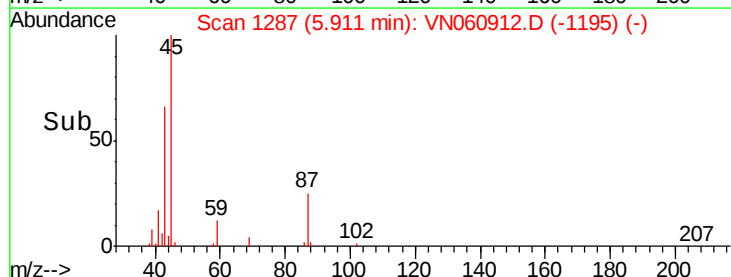
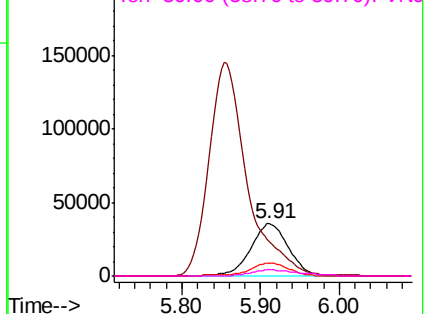
Abundance

Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 105.949 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

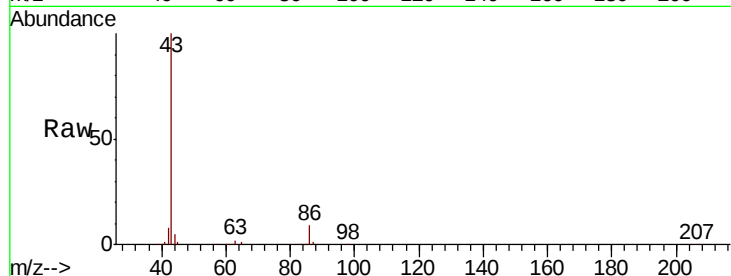
VN0413WBS01

Tot Ion: 43 Resp: 487506

Ion Ratio Lower Upper

43 100

86 9.0 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN060912.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060912.D (-1178) (-)

5.85

150000

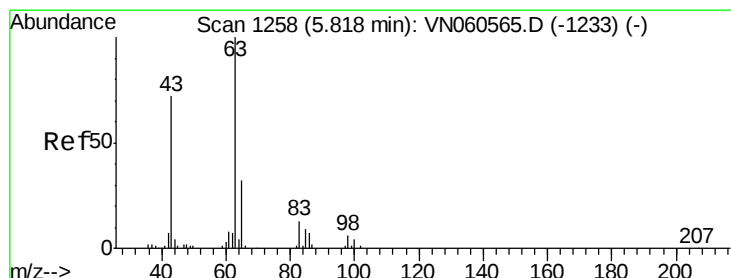
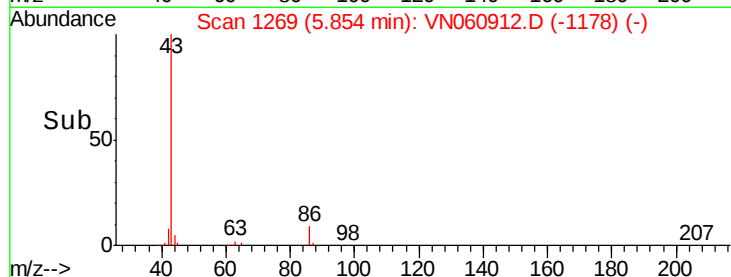
100000

50000

0

Time-->

5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 20.036 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

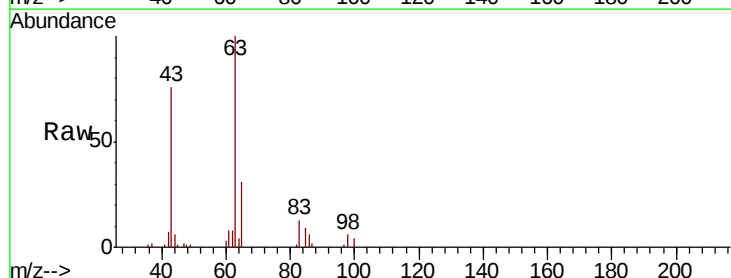
Tgt Ion: 63 Resp: 61597

Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.7

100 3.5 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN060912.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060912.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060912.D (-1165) (-)

5.82

25000

20000

15000

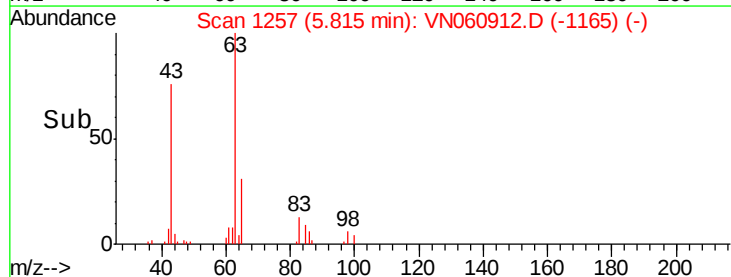
10000

5000

0

Time-->

5.70 5.80 5.90

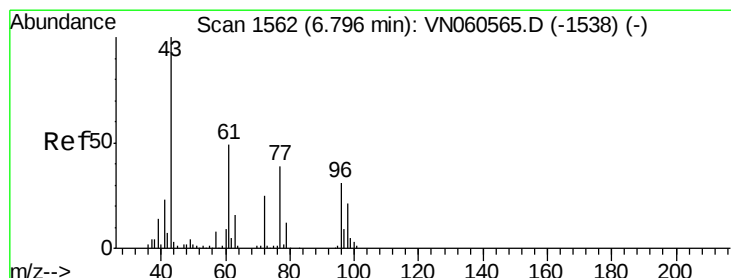
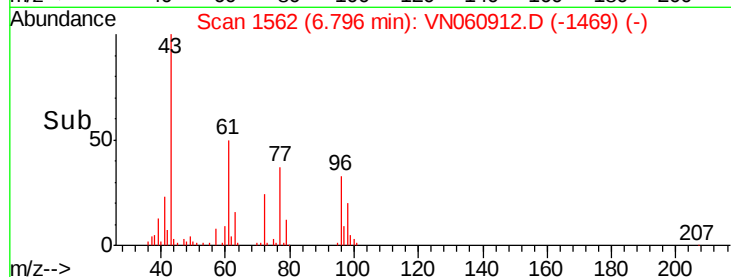
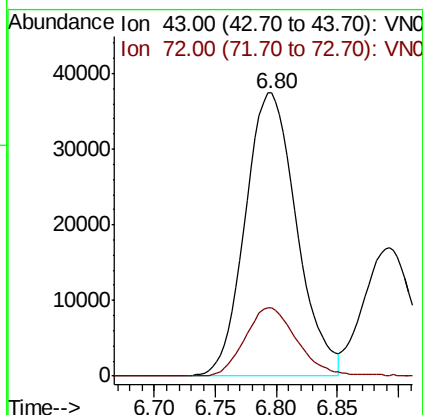
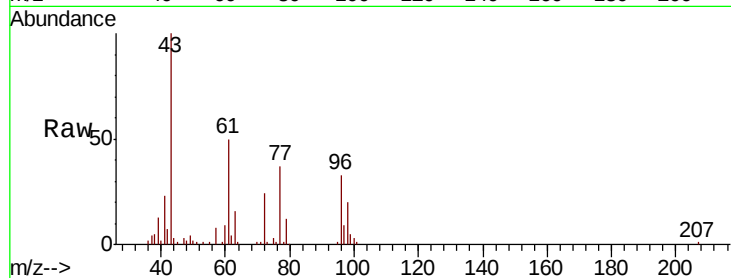




#25
2-Butanone
Concen: 99.256 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

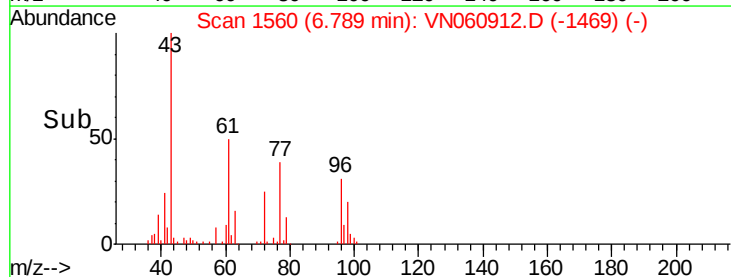
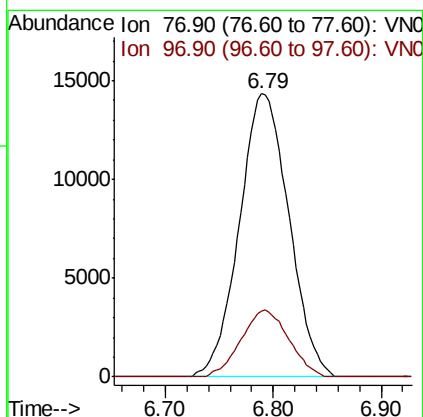
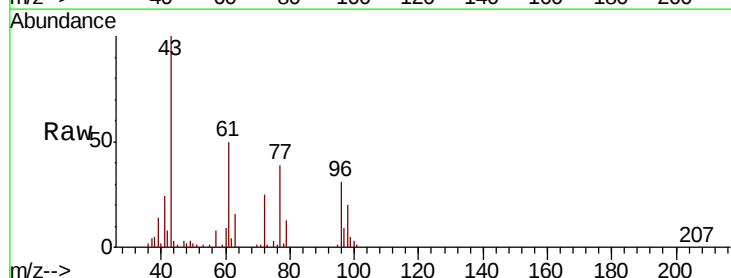
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

Tot Ion: 43 Resp: 109481
Ion Ratio Lower Upper
43 100
72 24.2 20.4 30.6



#26
2,2-Dichloropropane
Concen: 18.920 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.01 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Tgt Ion: 77 Resp: 45764
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1

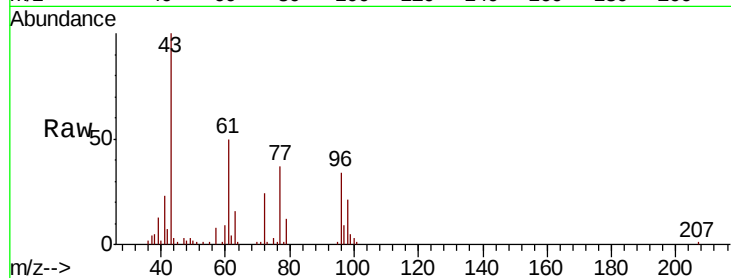




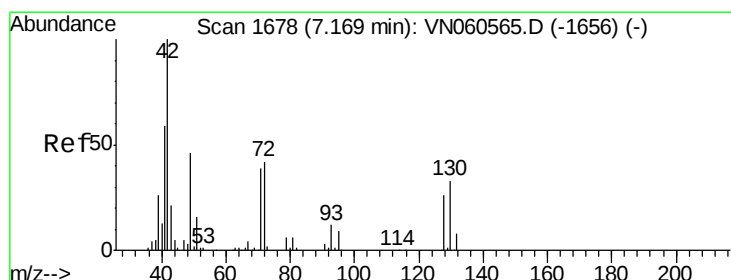
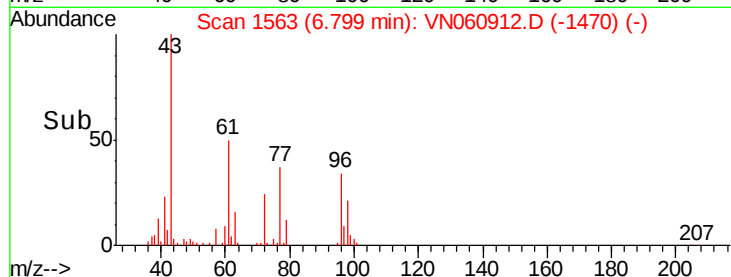
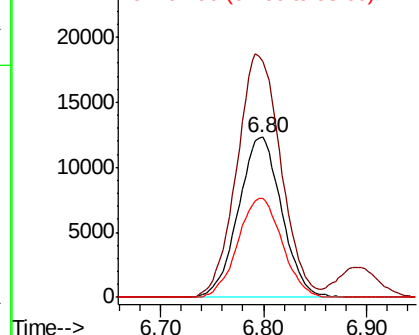
#27
 cis-1,2-Dichloroethene
 Concen: 19.511 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VN060912.D
 Acq: 13 Apr 2020 20:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBS01

Tot Ion: 96 Resp: 35864
 Ion Ratio Lower Upper
 96 100
 61 154.7 0.0 305.6
 98 63.0 0.0 127.6

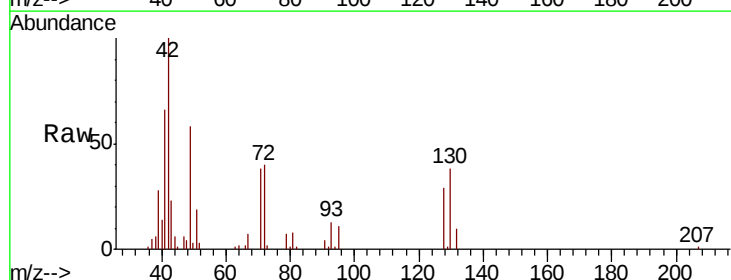


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

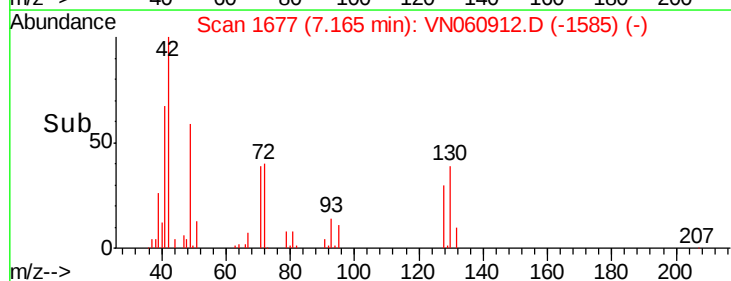
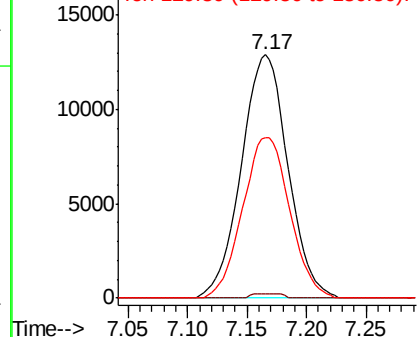


#28
 Bromochloromethane
 Concen: 23.762 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN060912.D
 Acq: 13 Apr 2020 20:57

Tgt Ion: 49 Resp: 34951
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.4
 130 66.8 55.0 82.4



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

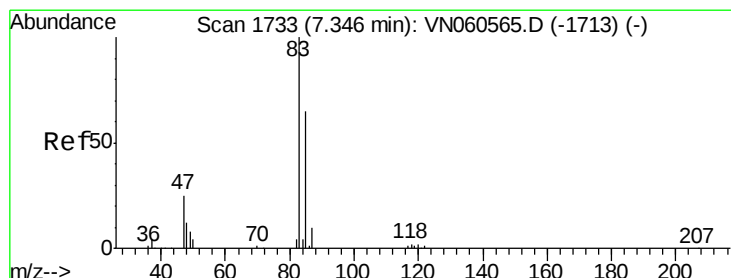
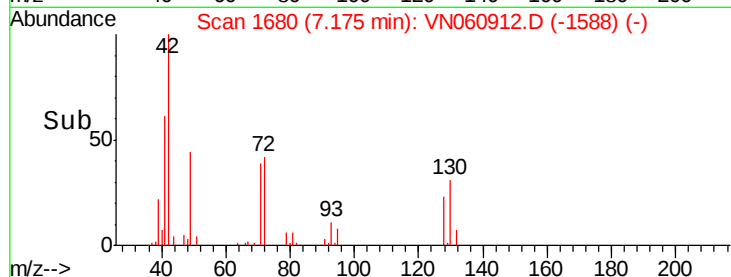
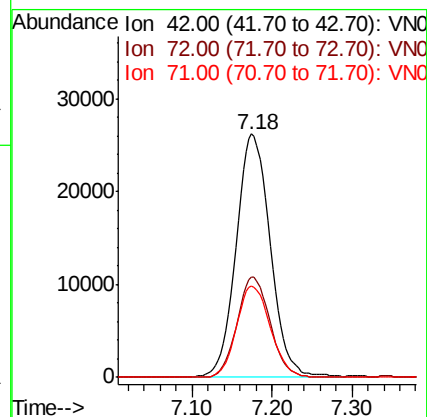
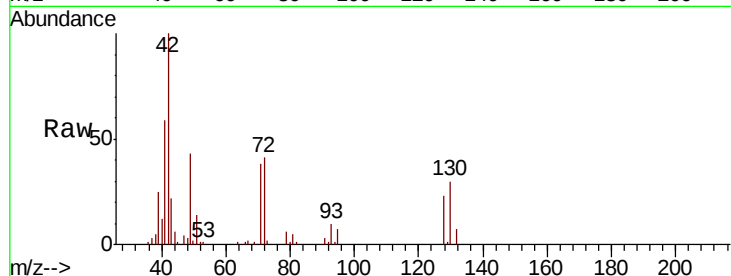




#29
Tetrahydrofuran
Concen: 97.433 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

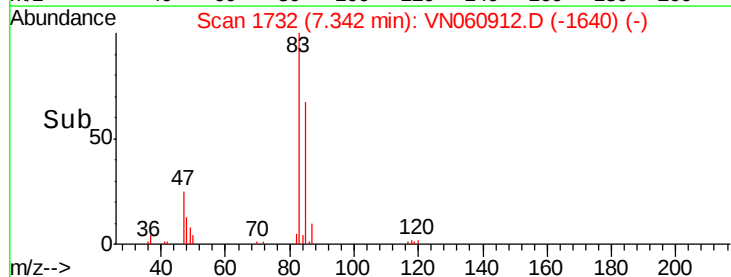
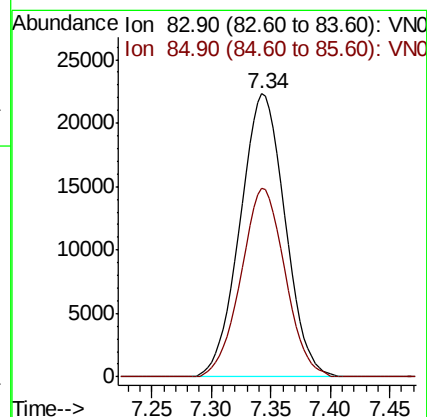
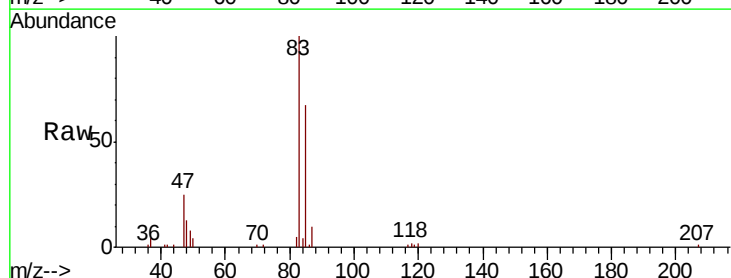
Instrument :
MSVOA_N
ClientSampled :
VN0413WBS01

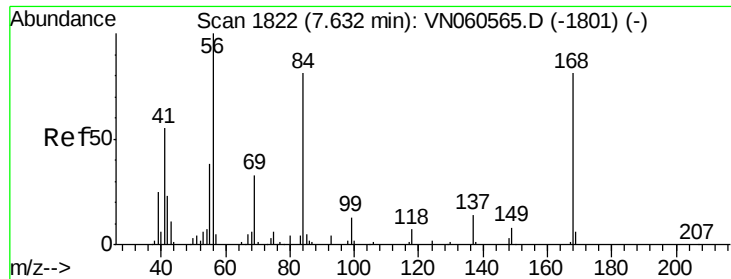
Tot Ion: 42 Resp: 76040
Ion Ratio Lower Upper
42 100
72 39.5 33.2 49.8
71 37.0 31.1 46.7



#30
Chloroform
Concen: 19.856 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Tgt Ion: 83 Resp: 58522
Ion Ratio Lower Upper
83 100
85 66.7 51.8 77.8

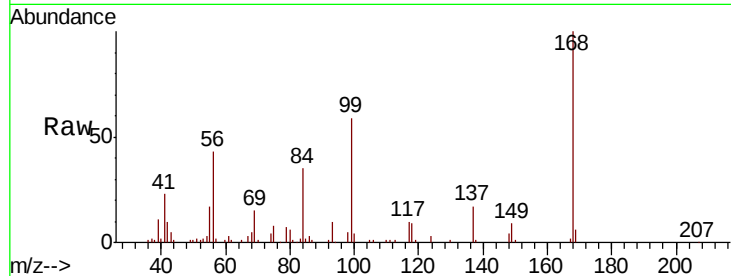




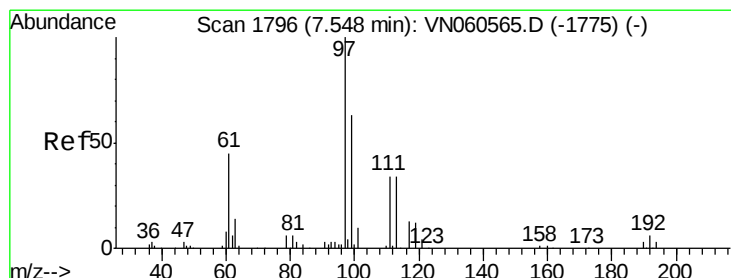
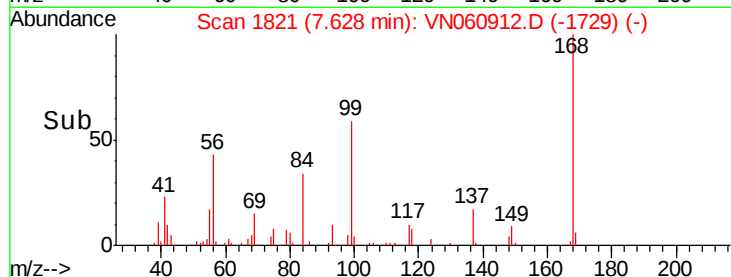
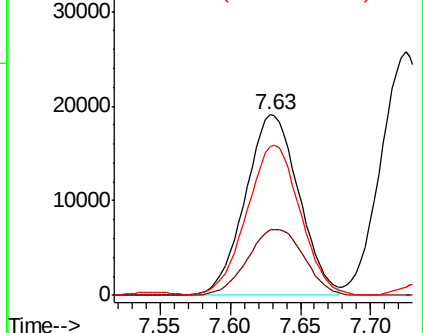
#31
Cyclohexane
Concen: 16.354 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Instrument :
MSVOA_N
ClientSampled :
VN0413WBS01

Tot Ion: 56 Resp: 50686
Ion Ratio Lower Upper
56 100
69 36.1 26.6 40.0
84 82.2 64.3 96.5

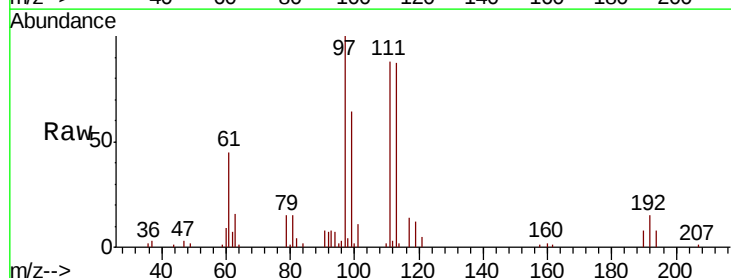


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

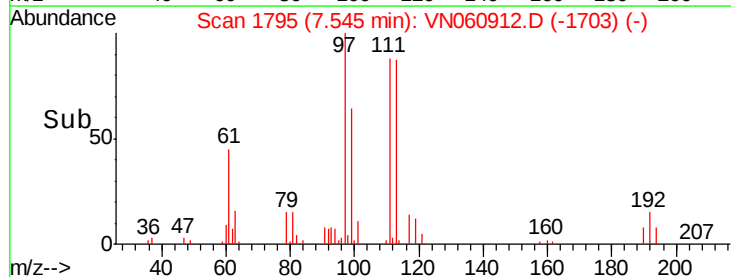
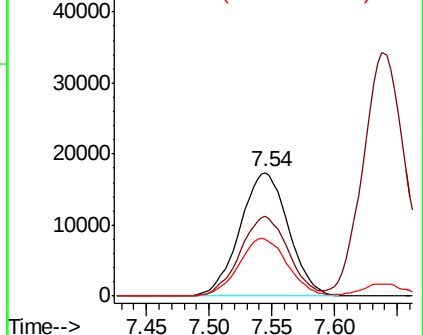


#32
1,1,1-Trichloroethane
Concen: 18.350 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Tgt Ion: 97 Resp: 46623
Ion Ratio Lower Upper
97 100
99 64.0 50.6 75.8
61 47.0 36.2 54.4



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

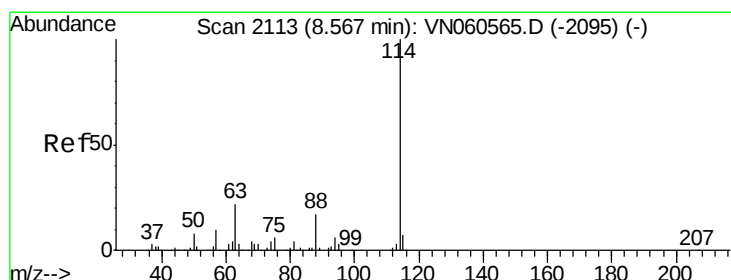
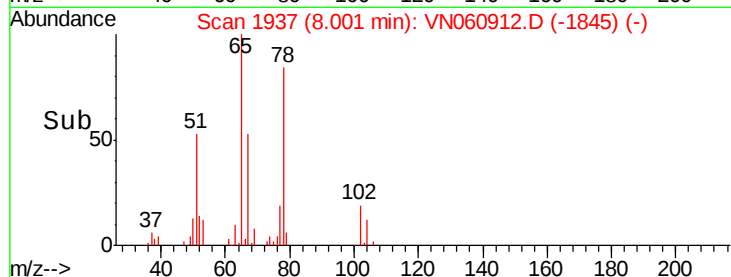
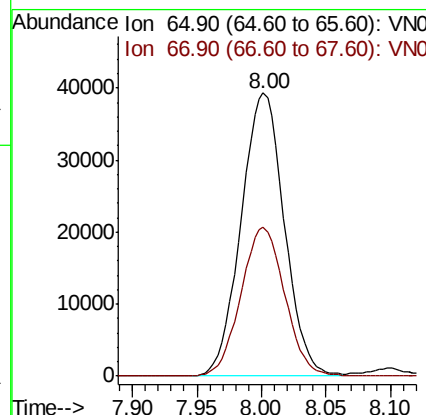
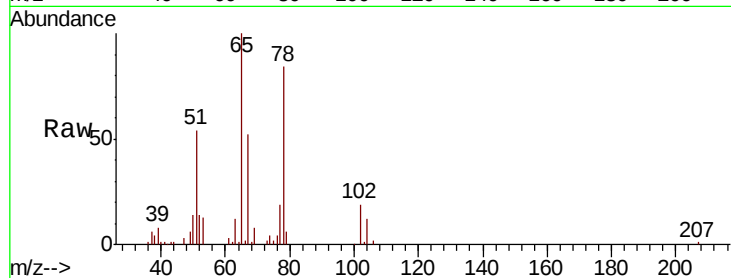




#33
 1,2-Dichloroethane-d4
 Concen: 47.700 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060912.D
 Acq: 13 Apr 2020 20:57

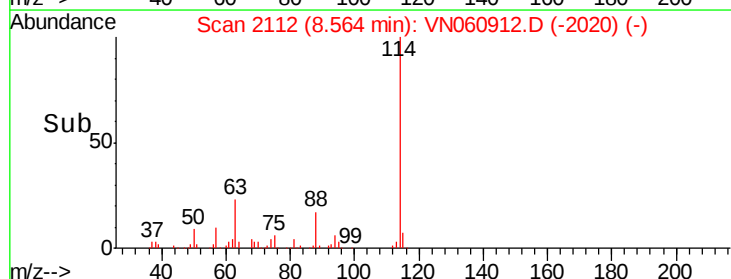
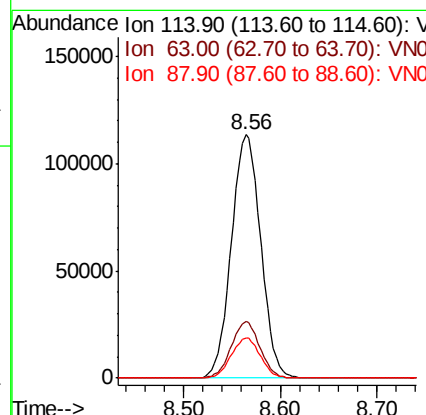
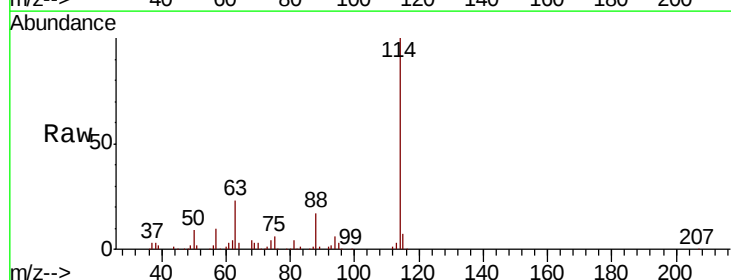
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBS01

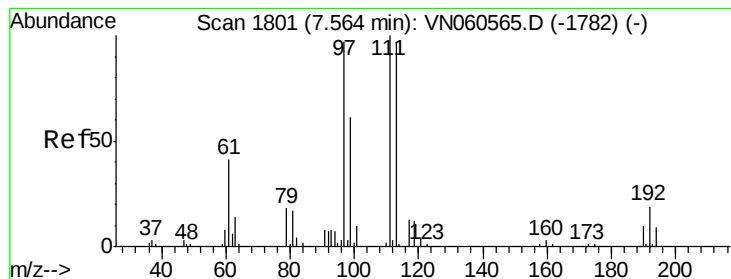
Tot Ion: 65 Resp: 91791
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060912.D
 Acq: 13 Apr 2020 20:57

Tgt Ion: 114 Resp: 239615
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 43.8
 88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.298 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampled :

VN0413WBS01

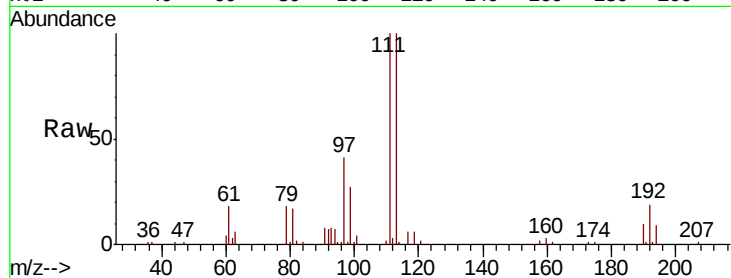
Tot Ion:113 Resp: 68529

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

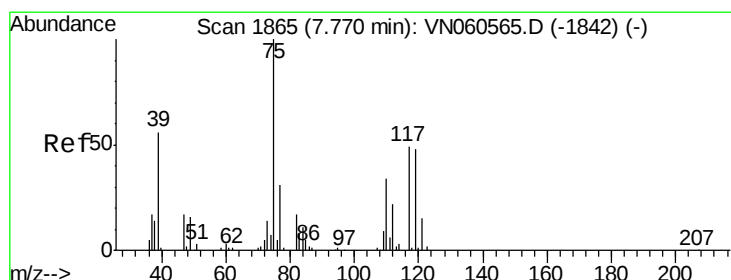
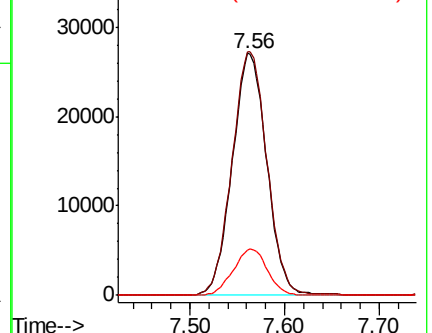
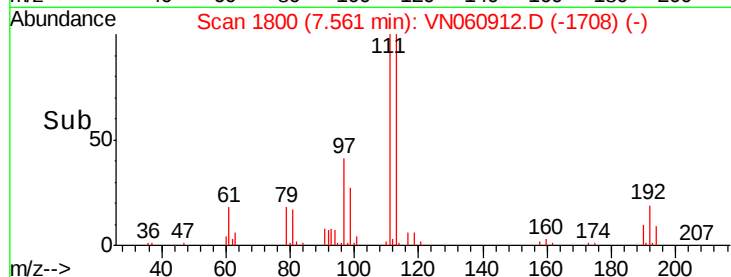
192 18.9 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.320 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

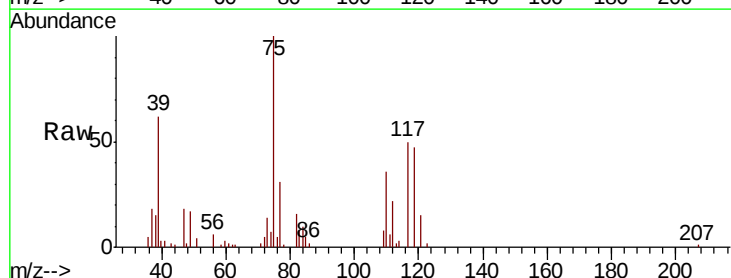
Tgt Ion: 75 Resp: 40186

Ion Ratio Lower Upper

75 100

110 34.9 16.9 50.6

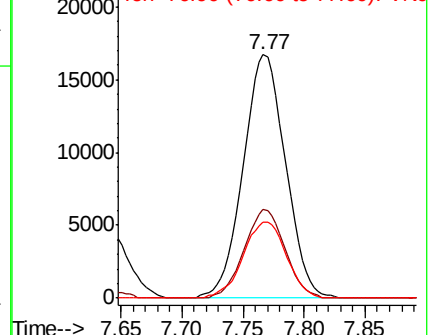
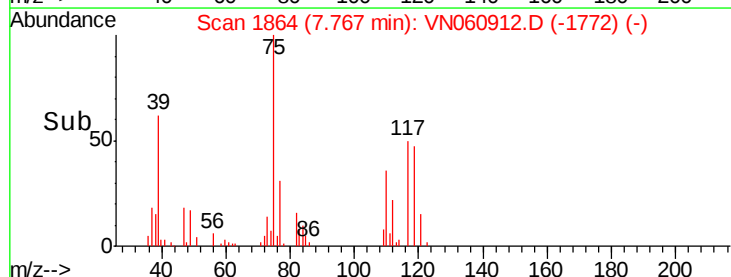
77 31.9 24.6 36.8

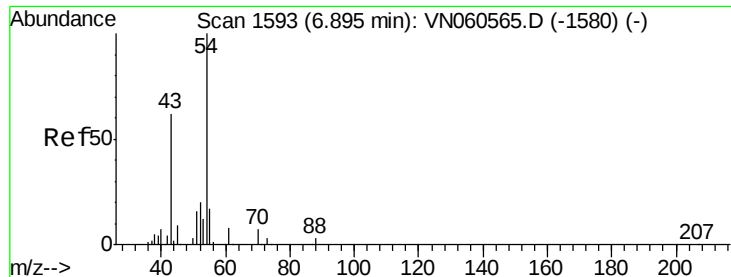


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

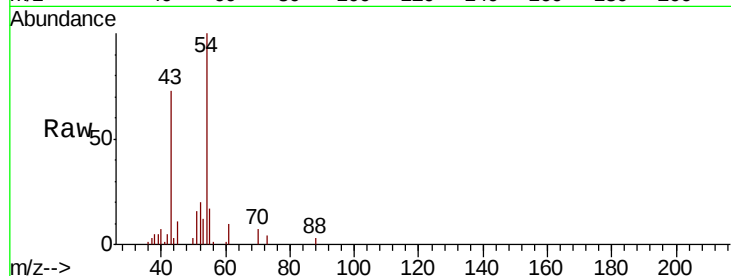




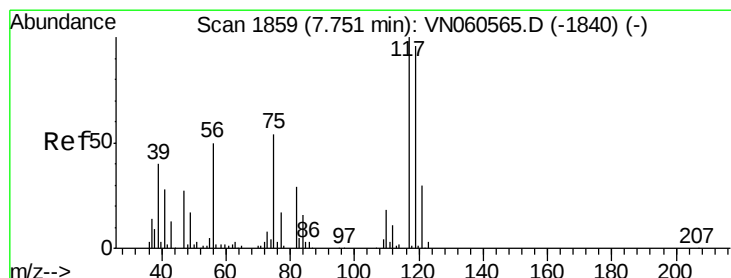
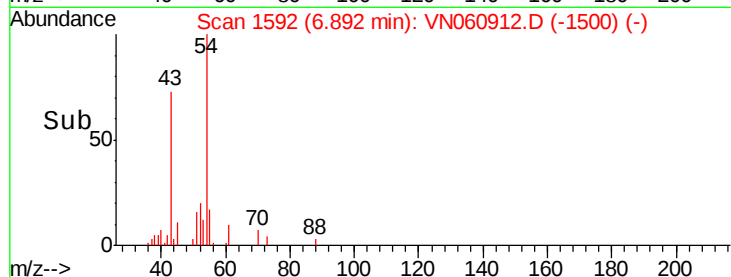
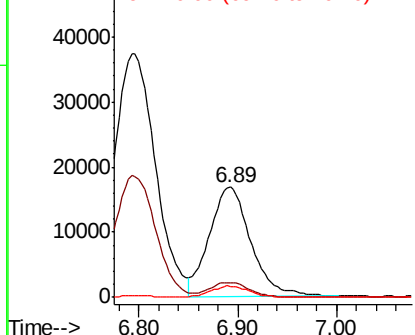
#37
Ethyl Acetate
Concen: 19.673 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Instrument :
MSVOA_N
ClientSampled :
VN0413WBS01

Tot Ion: 43 Resp: 49321
Ion Ratio Lower Upper
43 100
61 13.1 10.6 15.8
70 9.4 7.9 11.9

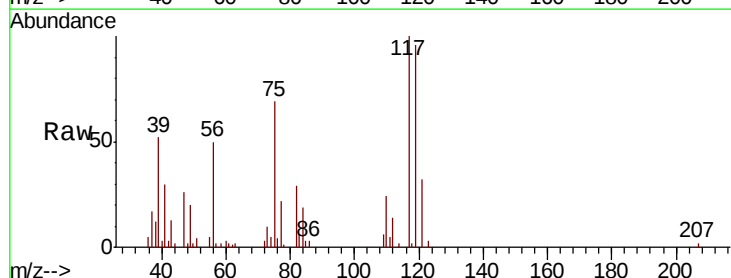


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

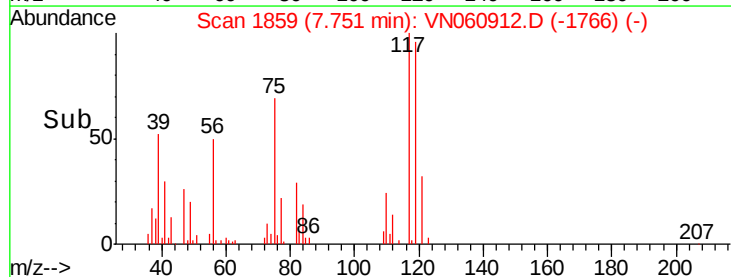
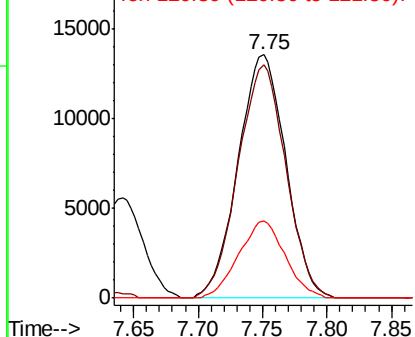


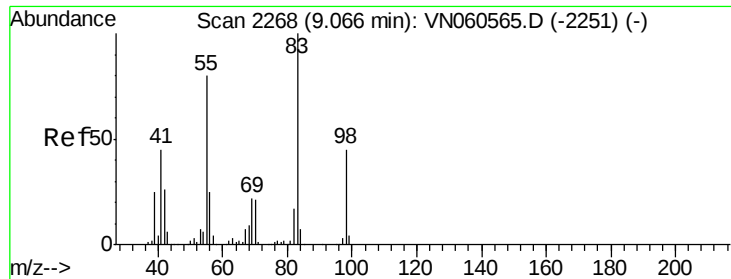
#38
Carbon Tetrachloride
Concen: 16.826 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Tgt Ion: 117 Resp: 34989
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.2
121 31.7 23.7 35.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

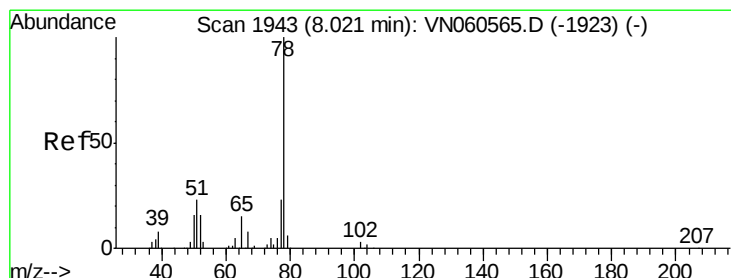
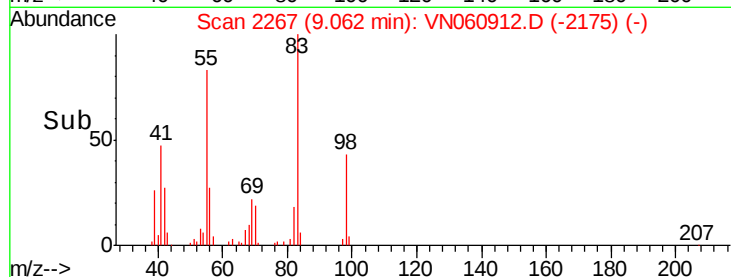
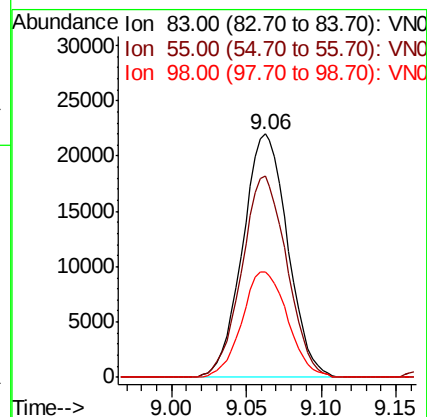
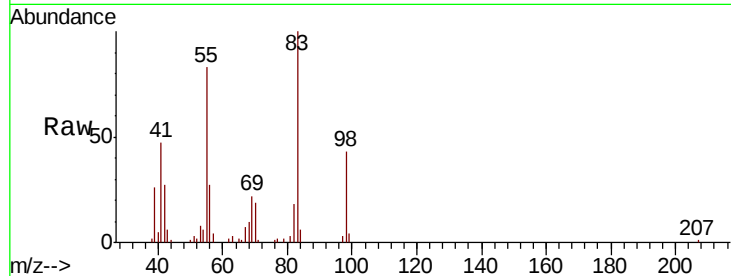




#39
Methvlcvclohexane
Concen: 16.679 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

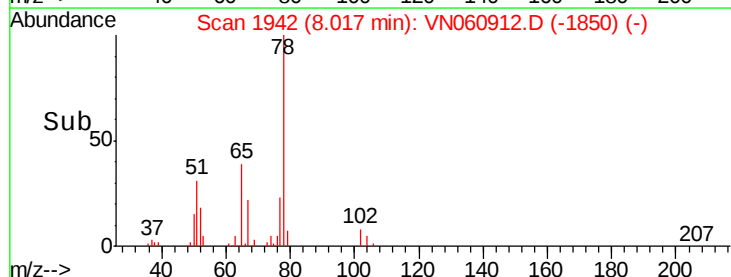
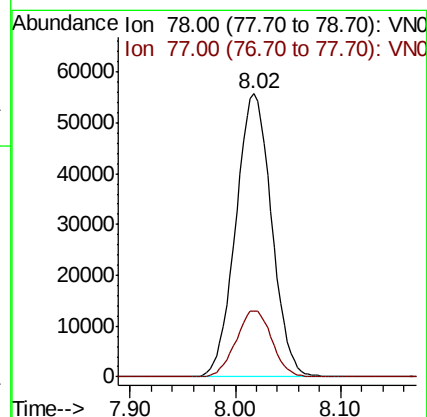
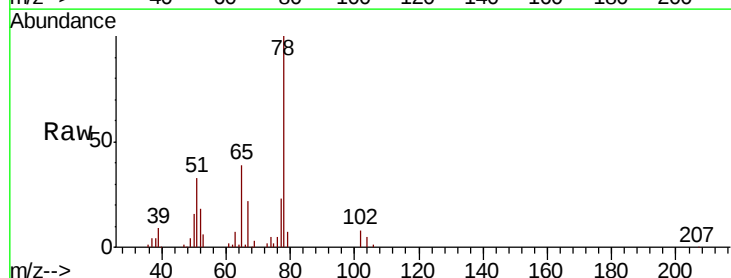
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

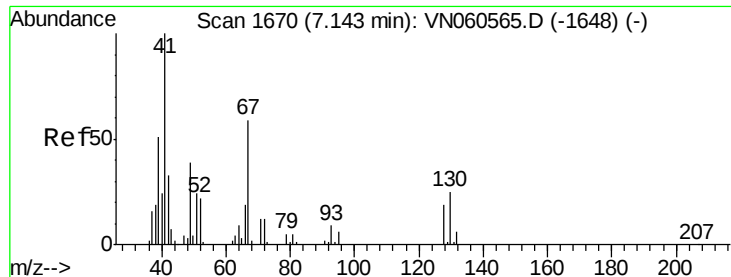
Tot Ion: 83 Resp: 45988
Ion Ratio Lower Upper
83 100
55 82.6 63.6 95.4
98 43.2 36.0 54.0



#40
Benzene
Concen: 18.732 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Tgt Ion: 78 Resp: 131199
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0

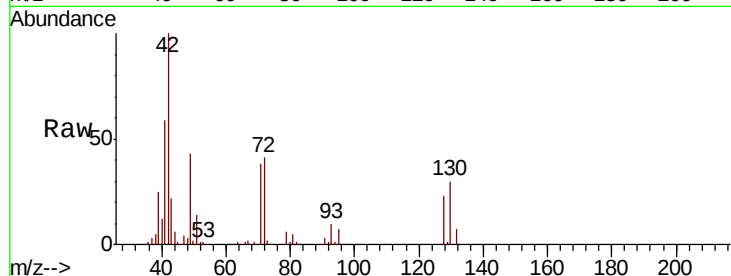




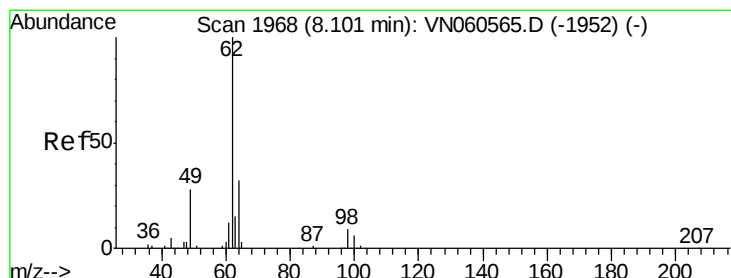
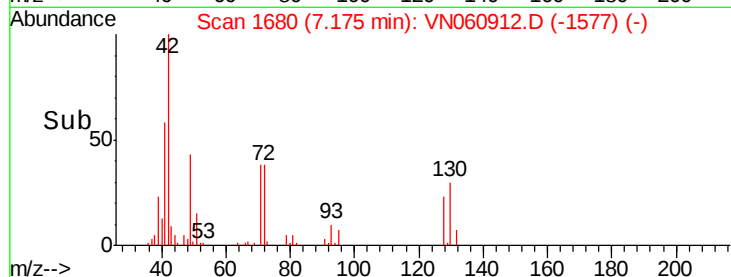
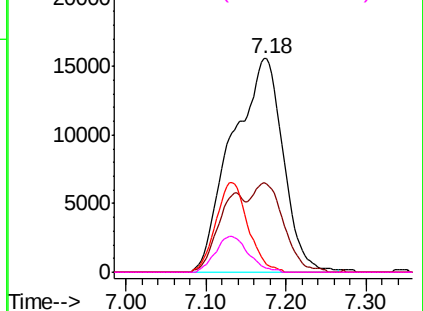
#41
Methacrylonitrile
Concen: 63.860 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

Tot Ion:	41	Resp:	68326
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

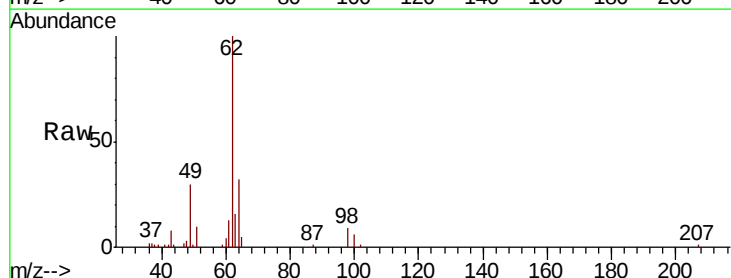


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

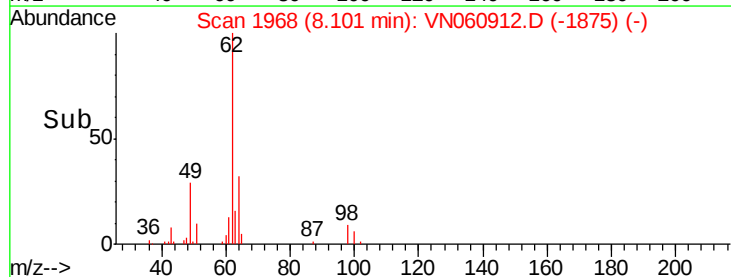
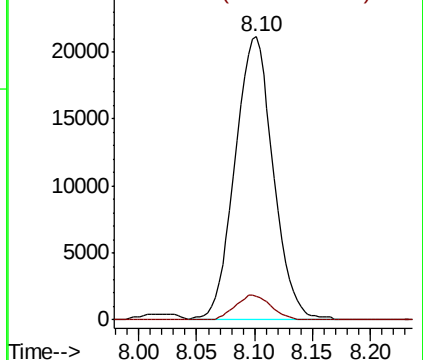


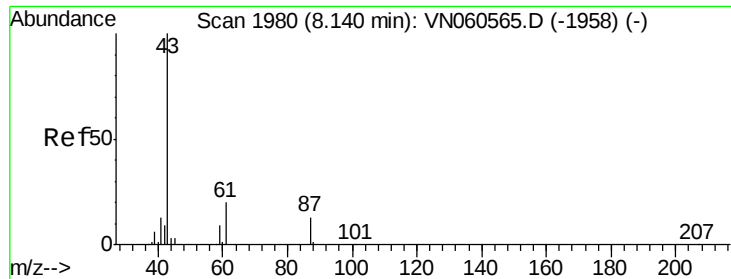
#42
1,2-Dichloroethane
Concen: 20.290 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Tgt Ion:	62	Resp:	48569
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 19.836 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS01

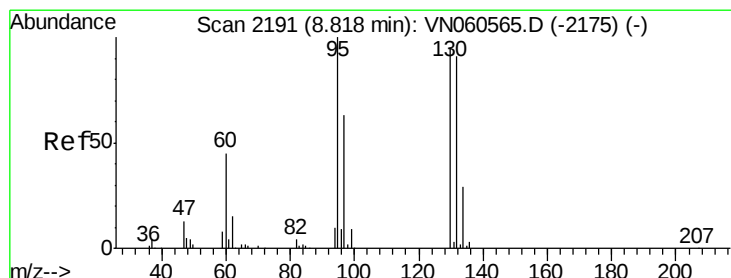
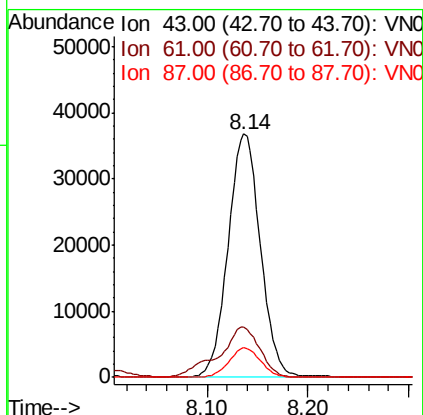
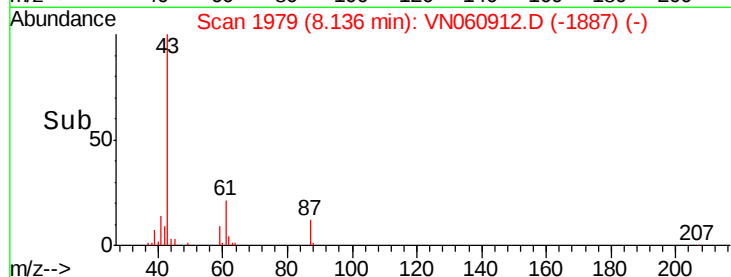
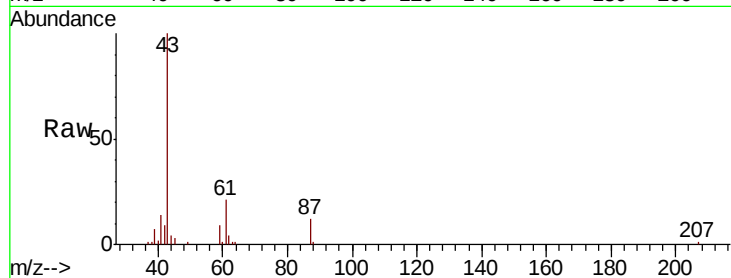
Tot Ion: 43 Resp: 82015

Ion Ratio Lower Upper

43 100

61 26.1 20.7 31.1

87 11.9 9.8 14.8



#44

Trichloroethene

Concen: 18.016 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060912.D

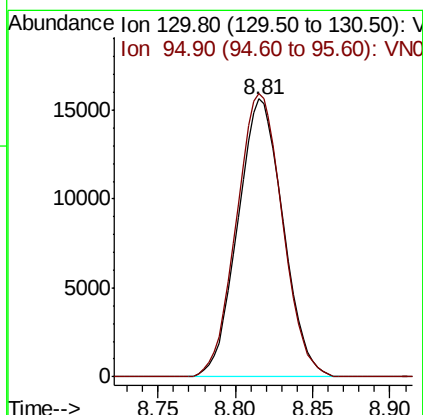
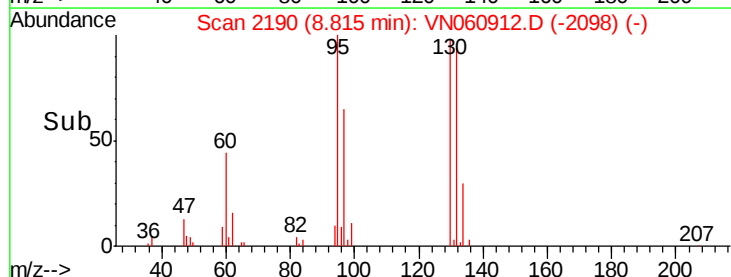
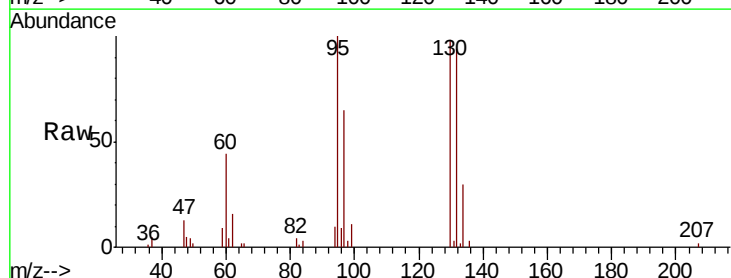
Acq: 13 Apr 2020 20:57

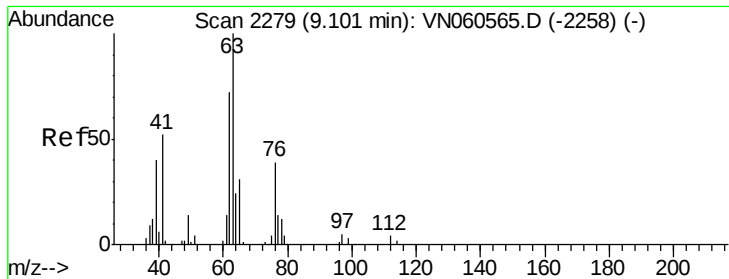
Tgt Ion: 130 Resp: 31811

Ion Ratio Lower Upper

130 100

95 101.9 0.0 211.2





#45

1,2-Dichloropropane

Concen: 20.164 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampled :

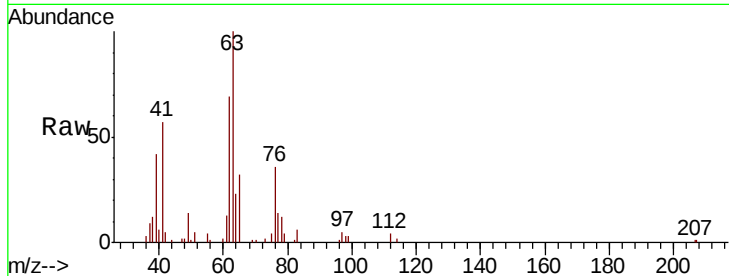
VN0413WBS01

Tot Ion: 63 Resp: 37267

Ion Ratio Lower Upper

63 100

65 31.7 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.10

20000

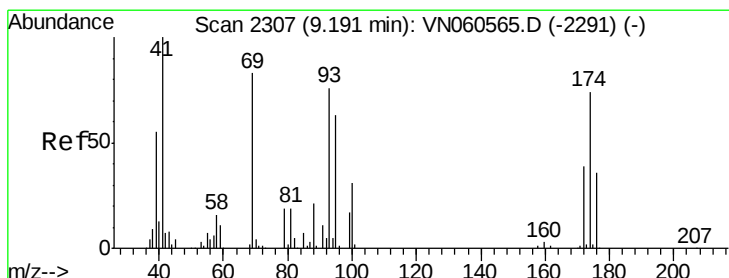
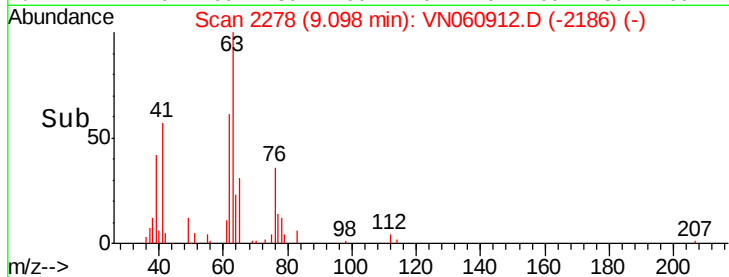
15000

10000

5000

0

Time--> 9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 19.773 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

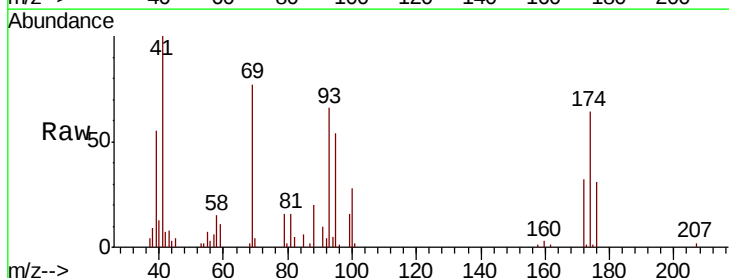
Tgt Ion: 93 Resp: 22093

Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.4

174 95.3 77.9 116.9



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

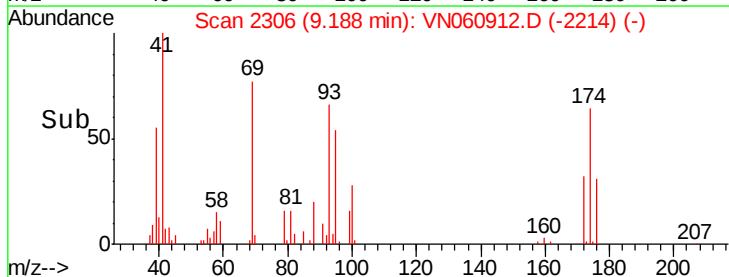
9.19

10000

5000

0

Time--> 9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 19.738 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS01

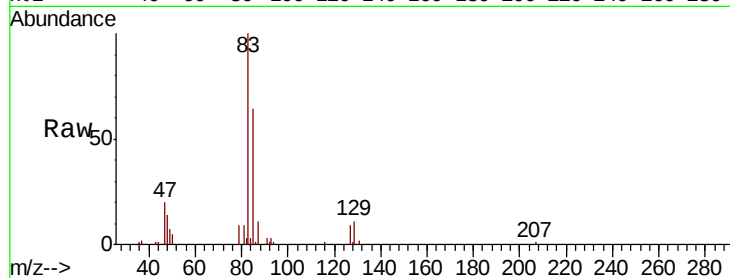
Tot Ion: 83 Resp: 45828

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6

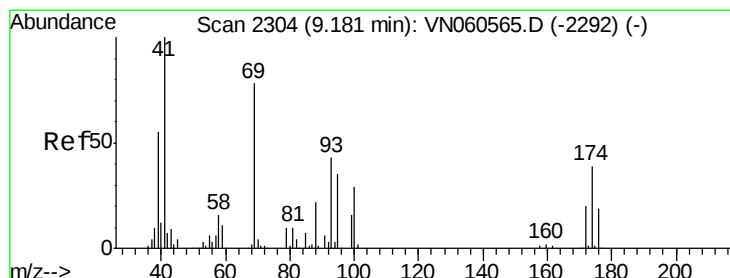
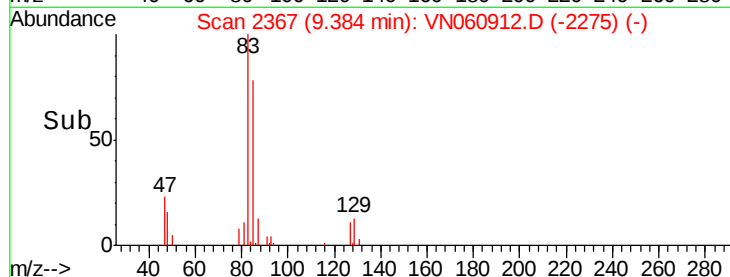
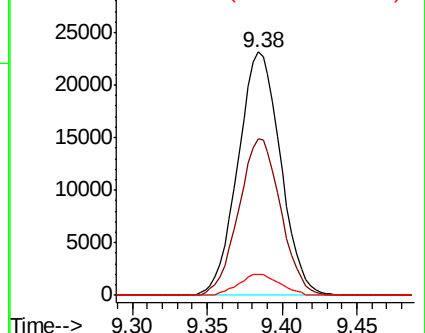
127 8.7 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060912.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060912.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060912.D (-2275) (-)



#48

Methyl methacrylate

Concen: 19.190 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

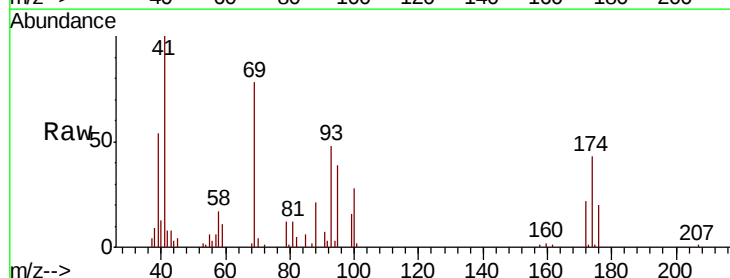
Tgt Ion: 41 Resp: 35326

Ion Ratio Lower Upper

41 100

69 79.8 65.4 98.0

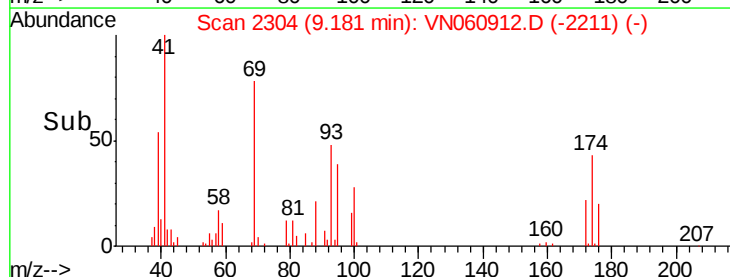
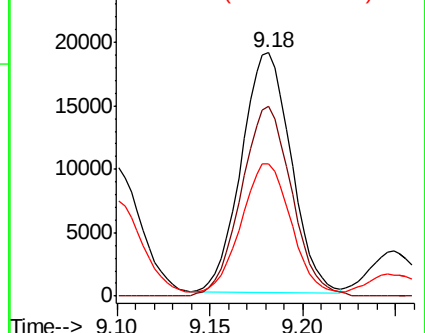
39 56.5 44.0 66.0



Abundance Ion 41.00 (40.70 to 41.70): VN060912.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060912.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060912.D (-2211) (-)

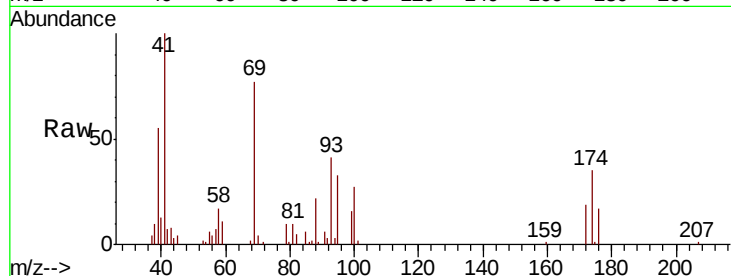




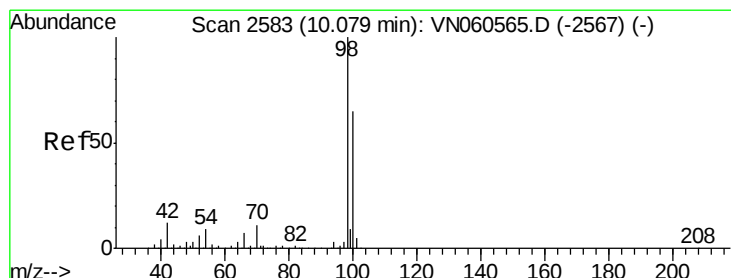
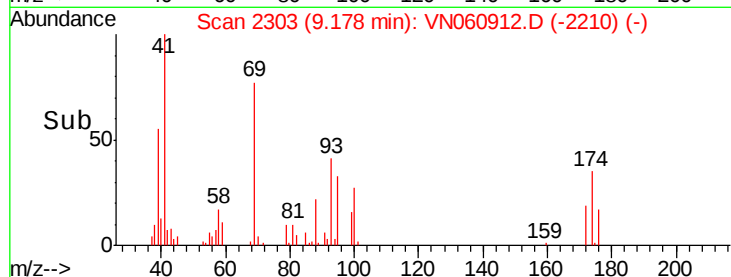
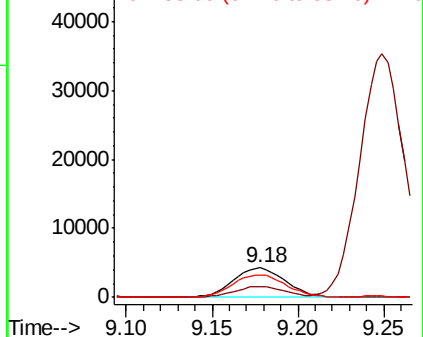
#49
1,4-Dioxane
Concen: 409.268 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

Tot Ion: 88 Resp: 8955
Ion Ratio Lower Upper
88 100
43 36.1 30.8 46.2
58 76.8 59.8 89.8

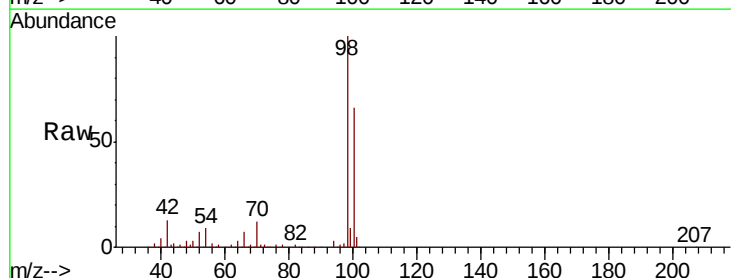


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

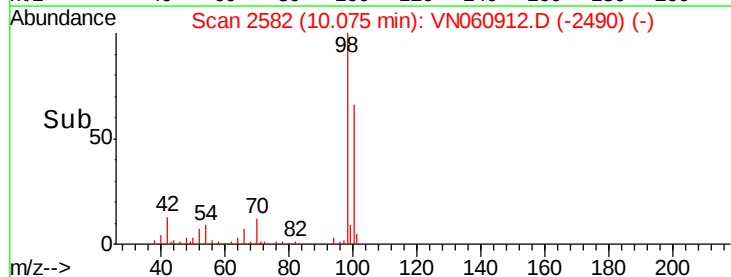
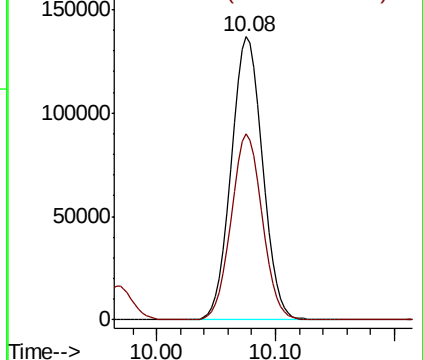


#50
Toluene-d8
Concen: 42.274 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Tgt Ion: 98 Resp: 250183
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.8



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

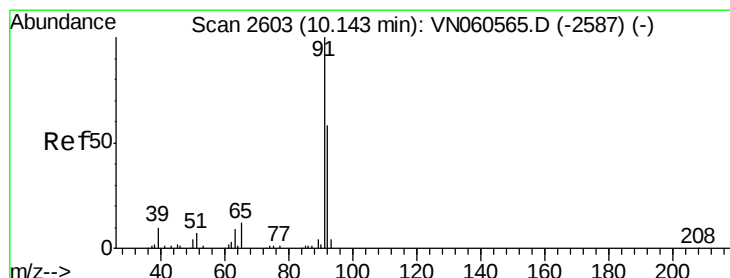
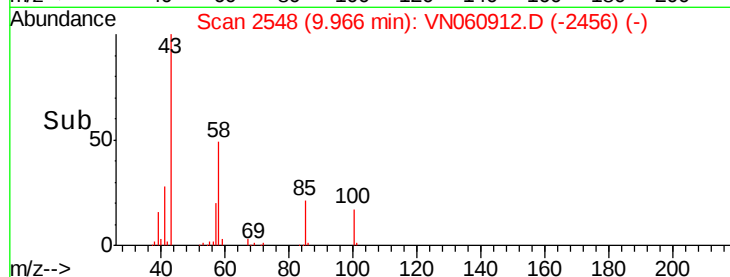
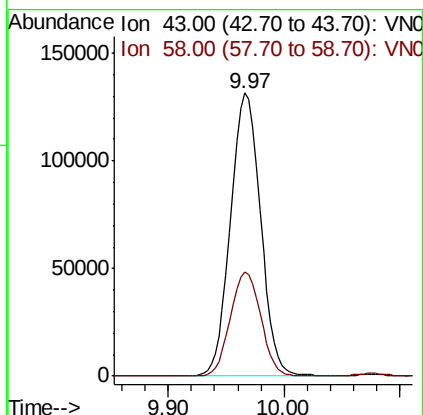
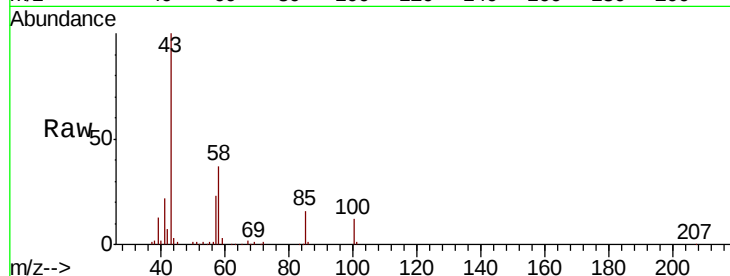




#51
 4-Methyl-2-Pentanone
 Concen: 100.261 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060912.D
 Acq: 13 Apr 2020 20:57

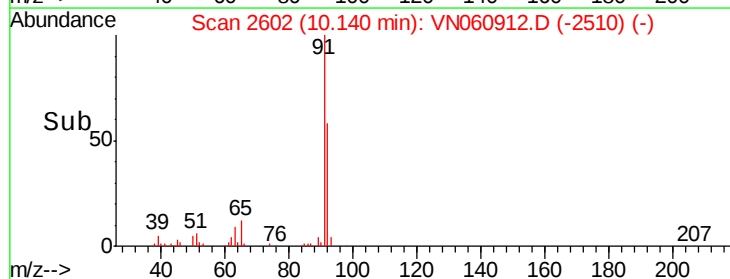
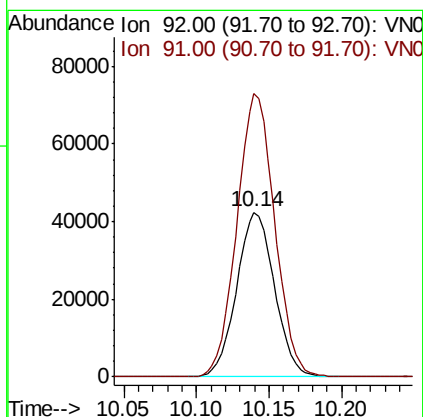
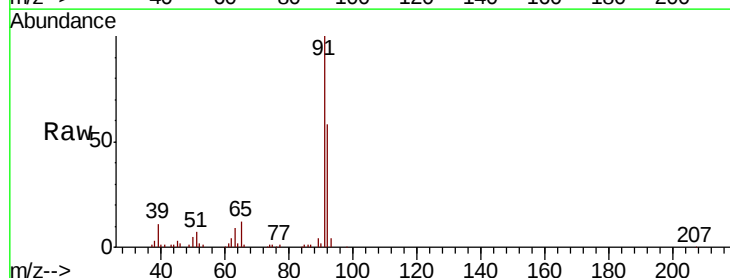
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0413WBS01

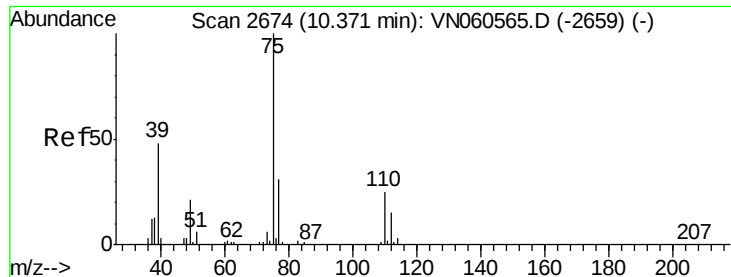
Tot Ion: 43 Resp: 235891
 Ion Ratio Lower Upper
 43 100
 58 37.3 30.8 46.2



#52
 Toluene
 Concen: 18.165 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN060912.D
 Acq: 13 Apr 2020 20:57

Tgt Ion: 92 Resp: 76839
 Ion Ratio Lower Upper
 92 100
 91 172.0 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.861 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

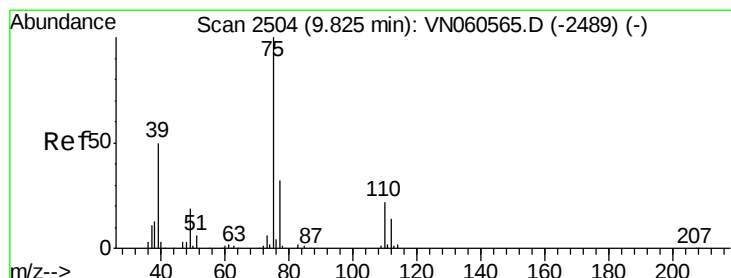
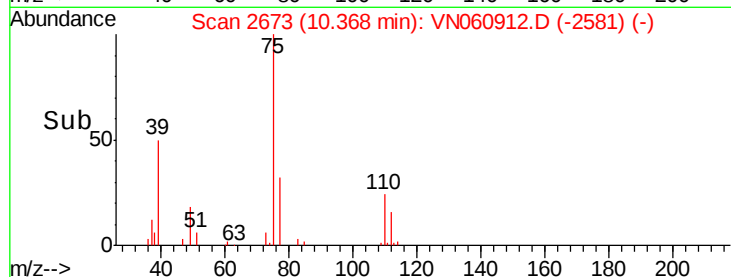
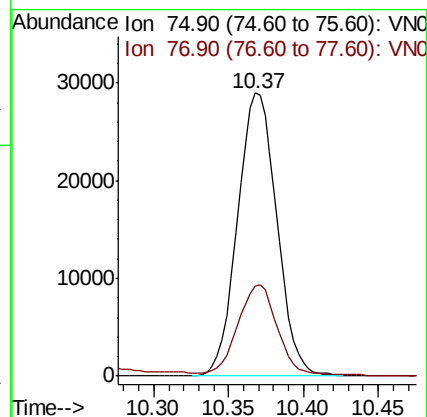
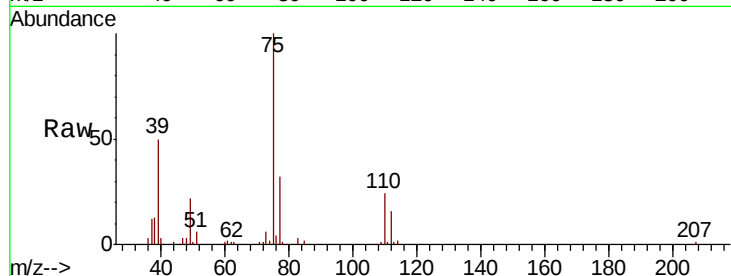
VN0413WBS01

Tot Ion: 75 Resp: 52969

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.758 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

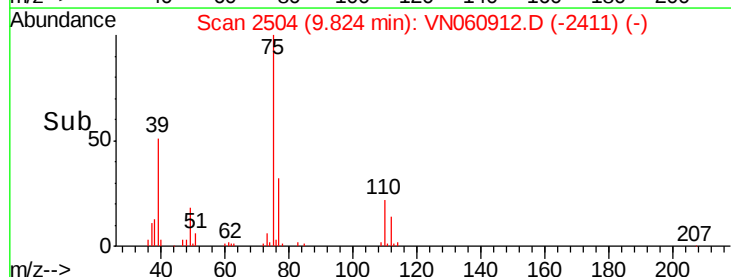
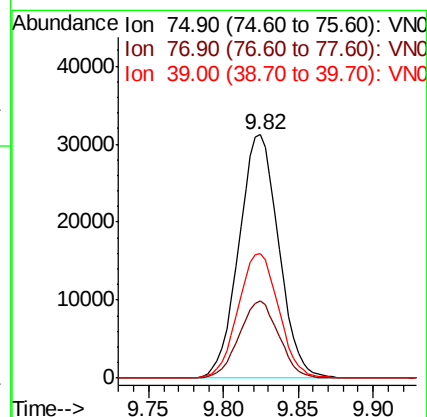
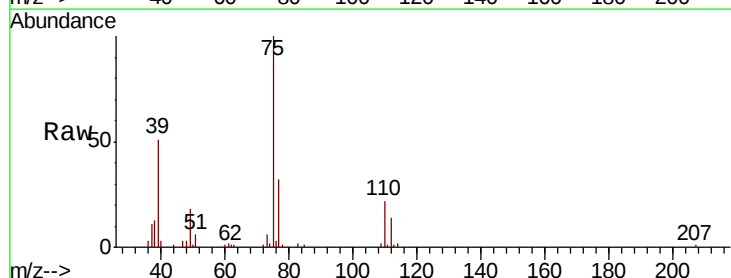
Tgt Ion: 75 Resp: 57808

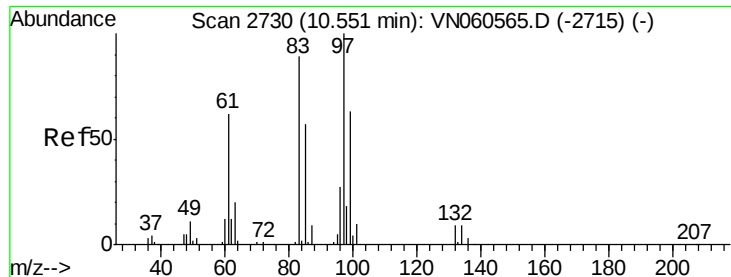
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

39 51.2 40.2 60.4





#55

1,1,2-Trichloroethane

Concen: 20.091 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

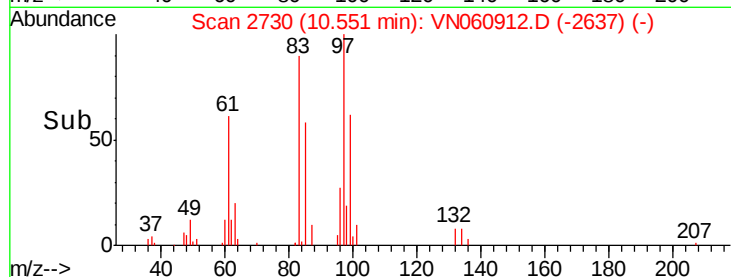
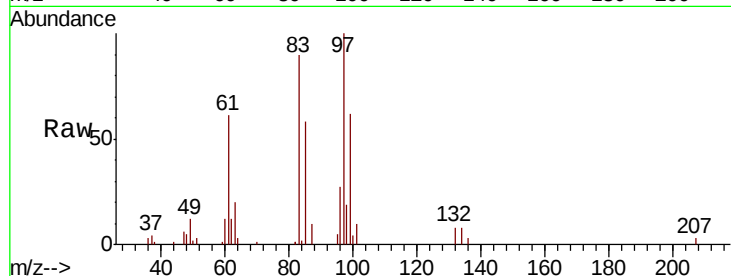
MSVOA_N

ClientSampleId :

VN0413WBS01

Tot Ion: 97 Resp: 32695

Ion	Ratio	Lower	Upper
97	100		
83	90.2	71.3	106.9
85	57.8	45.2	67.8
99	62.0	50.1	75.1

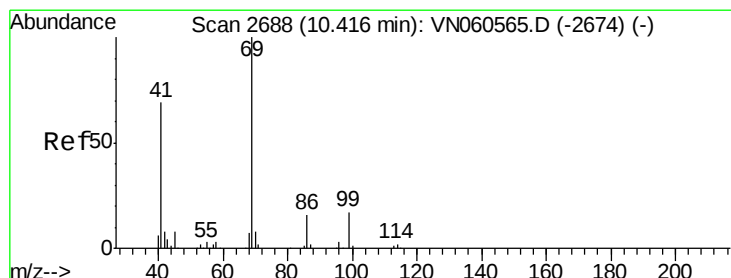
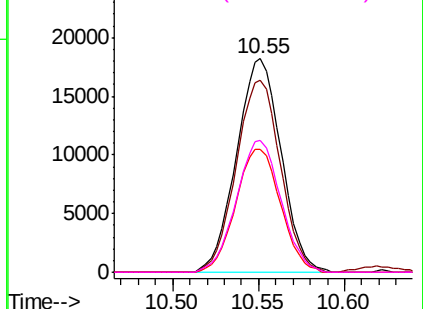


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.448 ug/l

RT: 10.42 min Scan# 2688

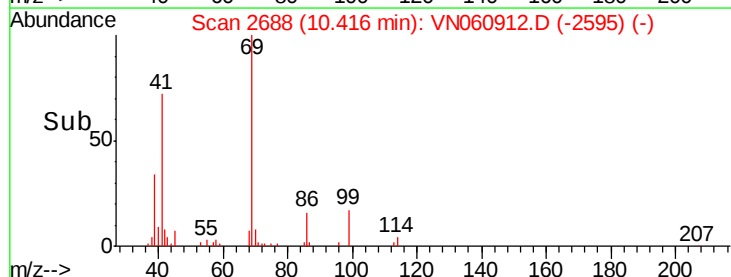
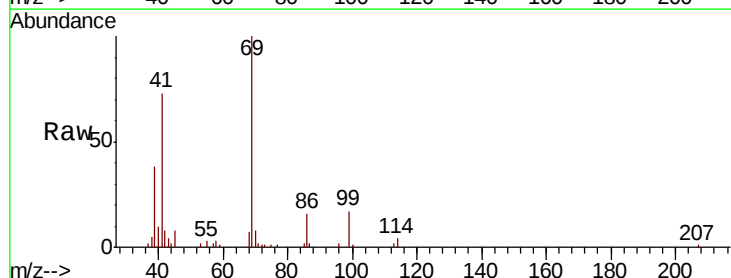
Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Tgt Ion: 69 Resp: 49349

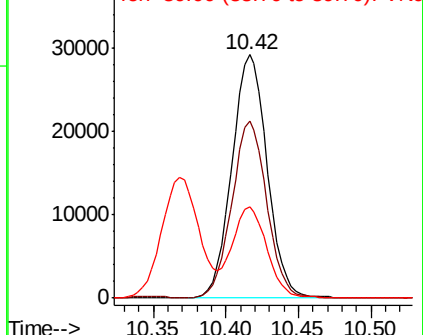
Ion	Ratio	Lower	Upper
69	100		
41	72.3	55.4	83.2
39	37.3	29.4	44.0



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.409 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

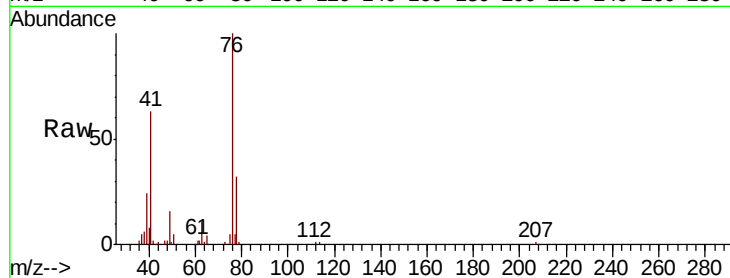
VN0413WBS01

Tot Ion: 76 Resp: 57635

Ion Ratio Lower Upper

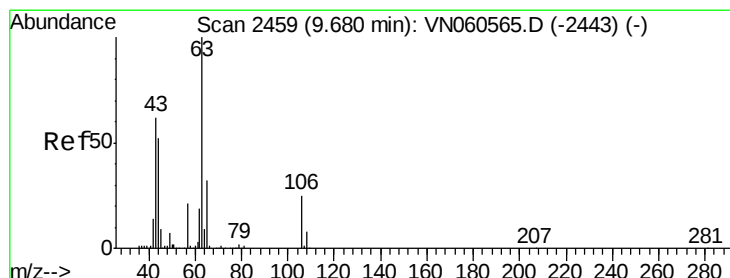
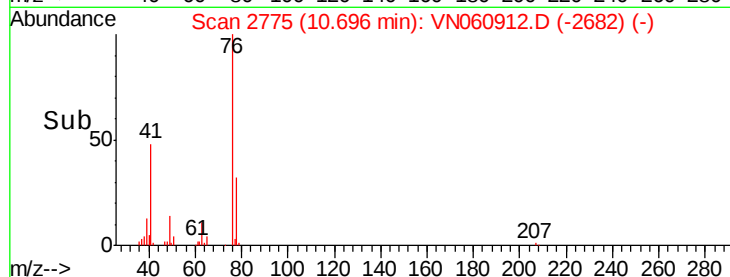
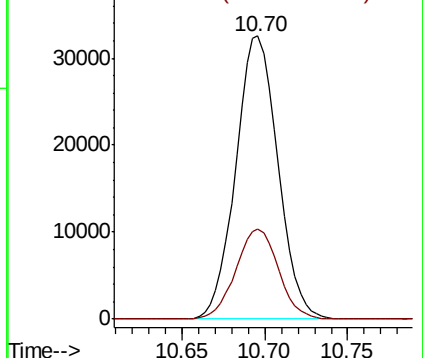
76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 88.363 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060912.D

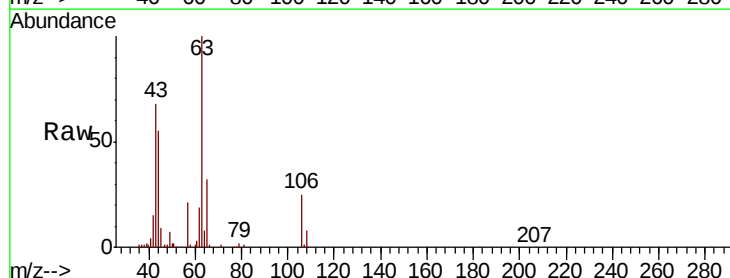
Acq: 13 Apr 2020 20:57

Tgt Ion: 63 Resp: 111437

Ion Ratio Lower Upper

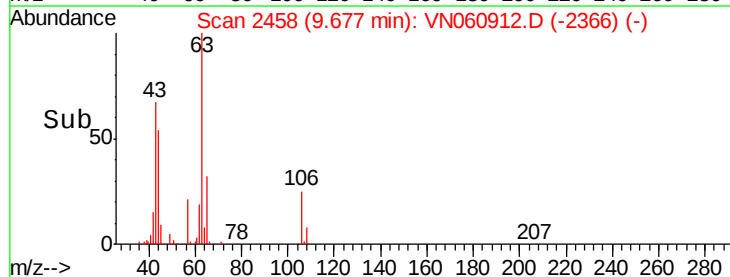
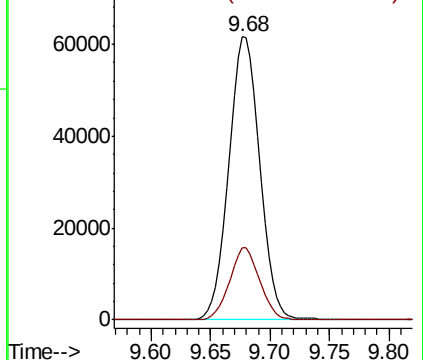
63 100

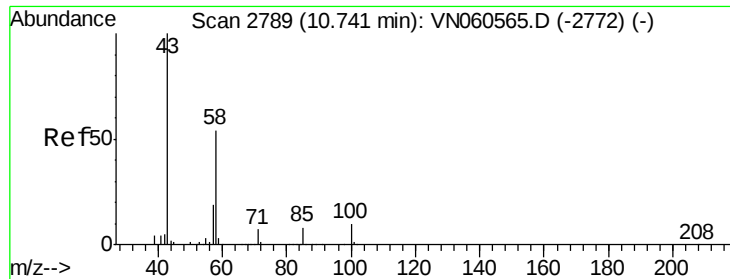
106 24.5 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

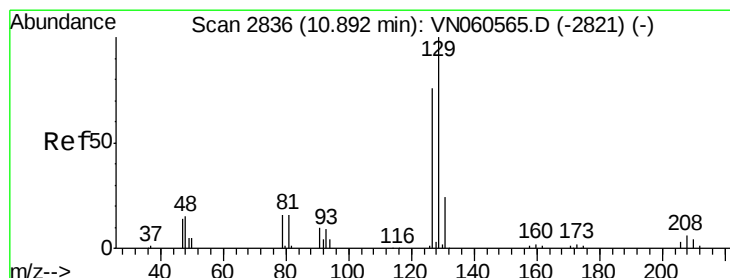
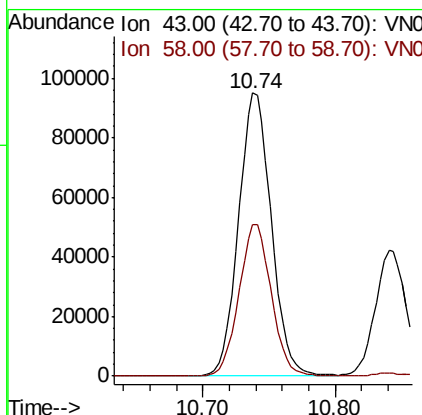
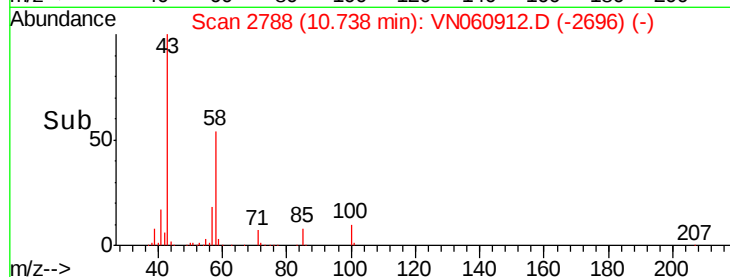
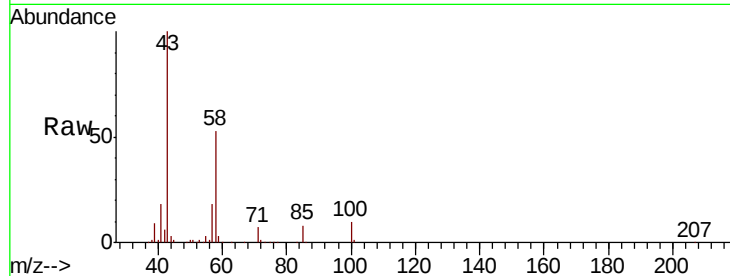




#59
2-Hexanone
Concen: 96.220 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

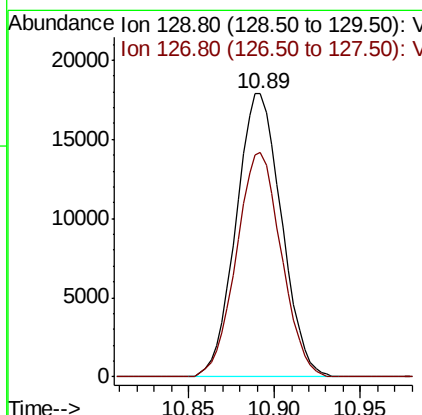
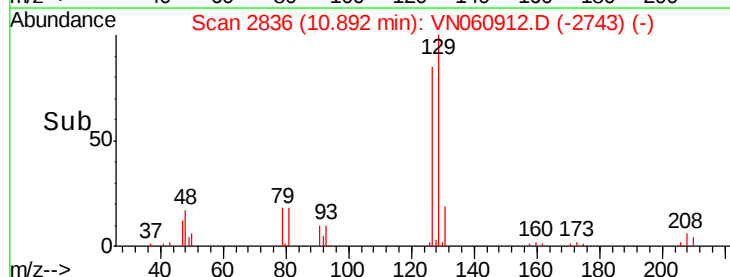
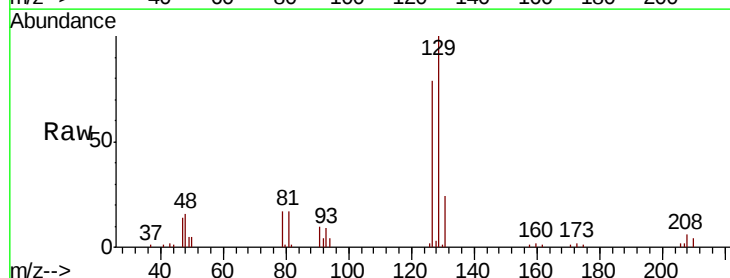
Instrument :
MSVOA_N
ClientSampled :
VN0413WBS01

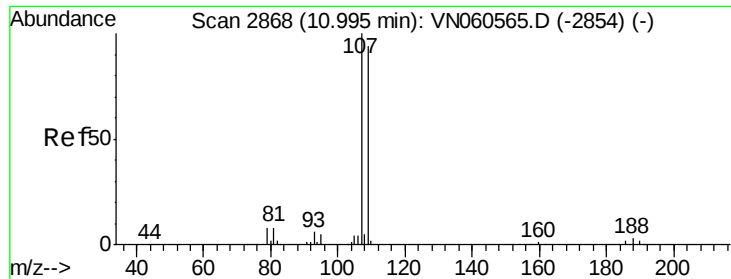
Tot Ion: 43 Resp: 163076
Ion Ratio Lower Upper
43 100
58 52.9 26.7 80.1



#60
Dibromochloromethane
Concen: 19.416 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Tgt Ion:129 Resp: 32638
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5

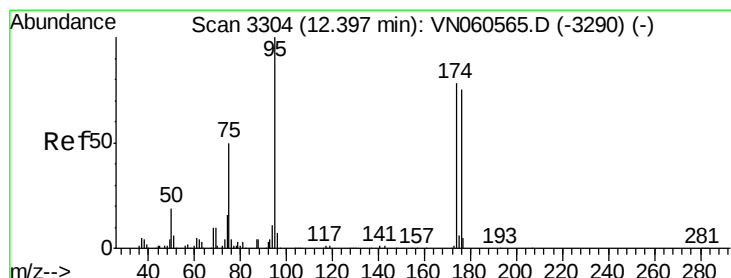
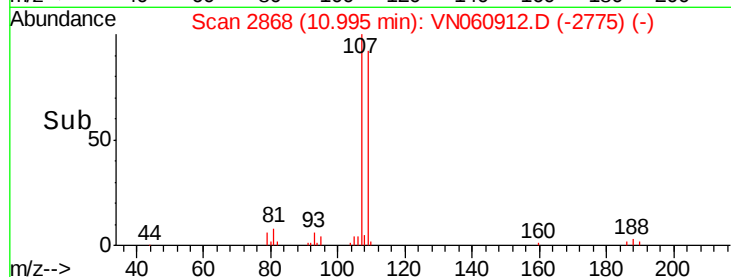
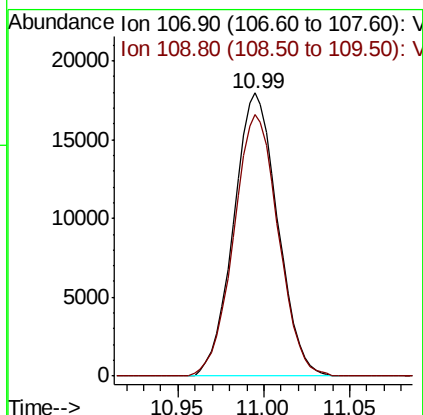
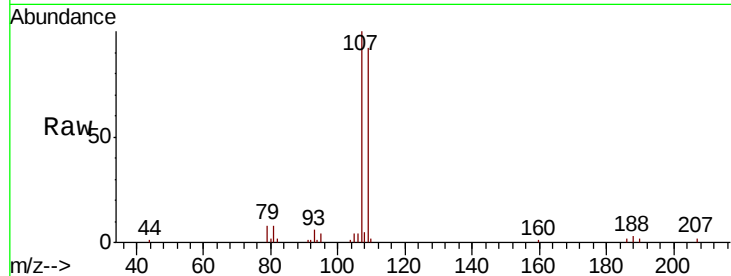




#61
 1,2-Dibromoethane
 Concen: 19.526 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060912.D
 Acq: 13 Apr 2020 20:57

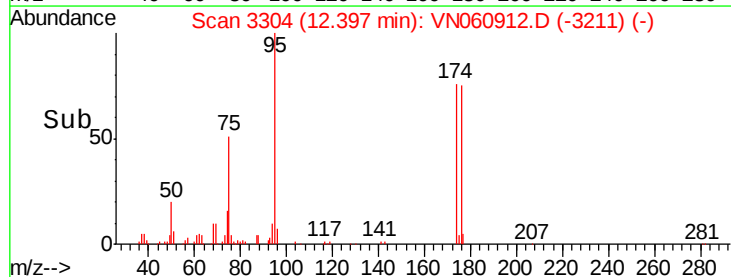
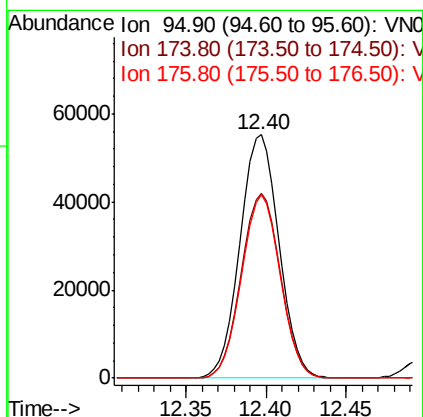
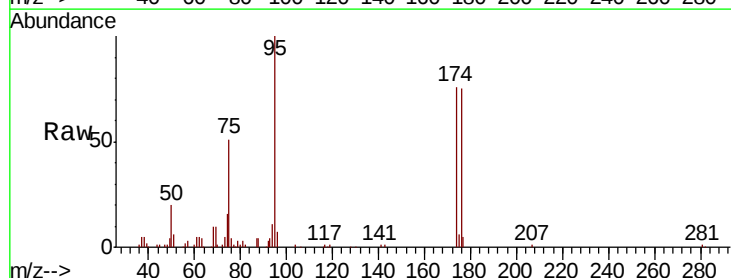
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBS01

Tot Ion:107 Resp: 31952
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 42.347 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060912.D
 Acq: 13 Apr 2020 20:57

Tgt Ion: 95 Resp: 91847
 Ion Ratio Lower Upper
 95 100
 174 76.5 0.0 157.6
 176 74.7 0.0 150.6

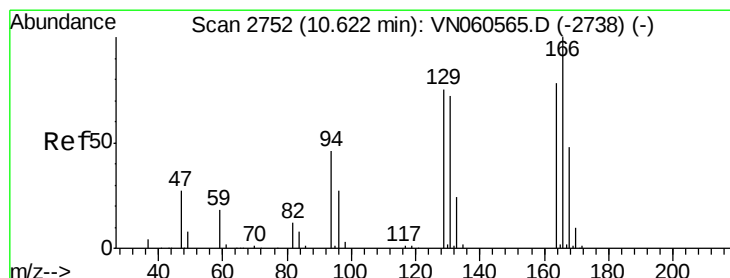
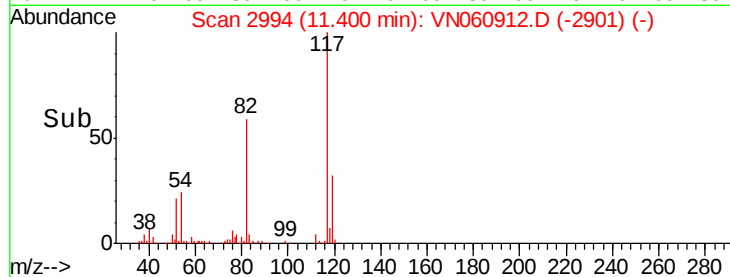
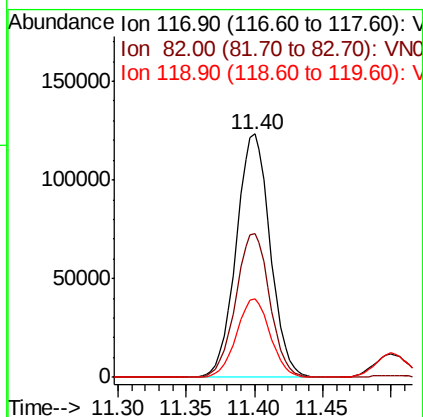
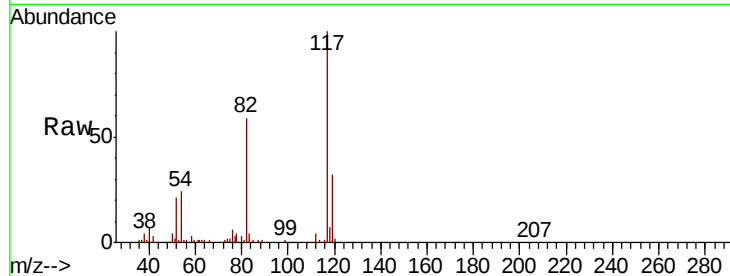




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

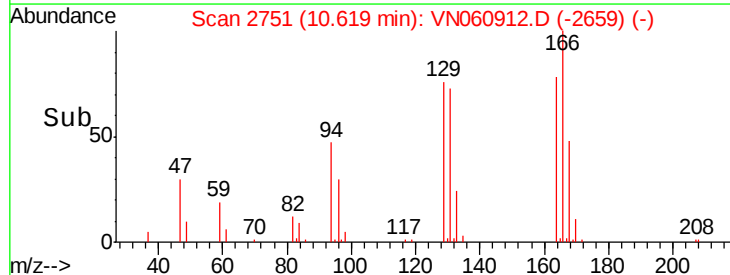
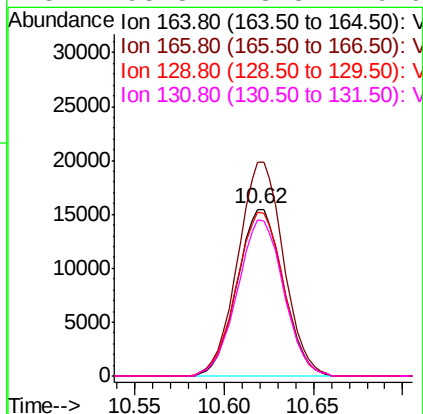
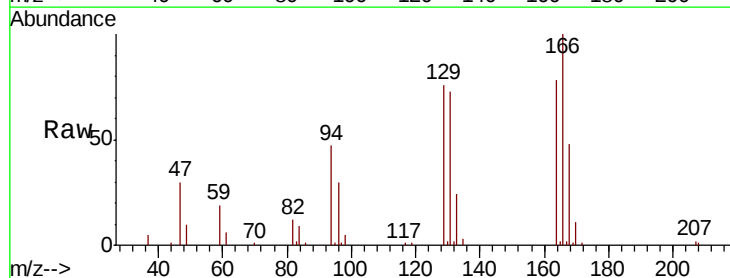
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

Tot Ion:117 Resp: 212804
Ion Ratio Lower Upper
117 100
82 59.1 46.7 70.1
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 16.636 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Tgt Ion:164 Resp: 27859
Ion Ratio Lower Upper
164 100
166 128.1 102.7 154.1
129 97.9 77.2 115.8
131 93.8 73.8 110.6

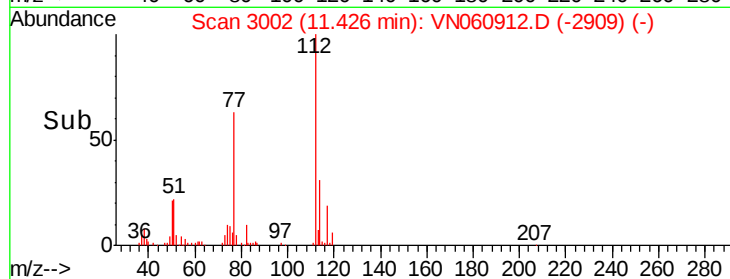
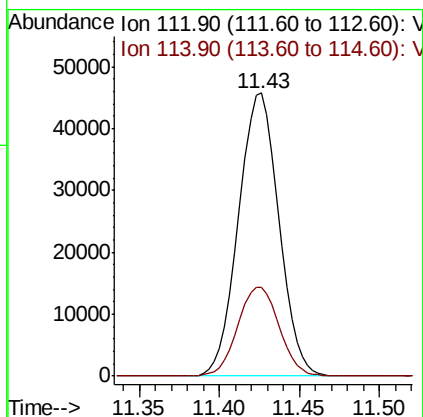
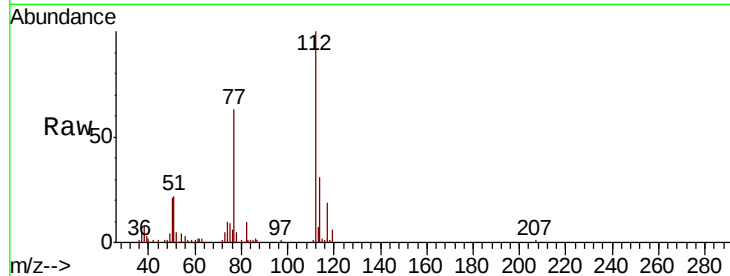




#65
Chlorobenzene
Concen: 18.696 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

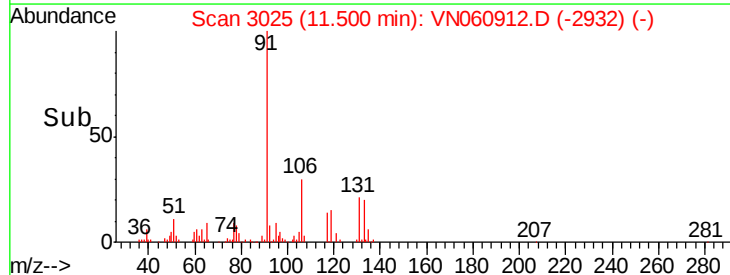
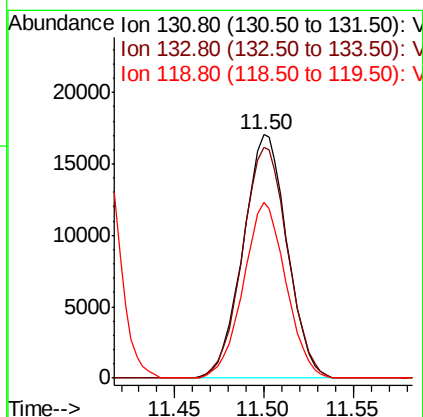
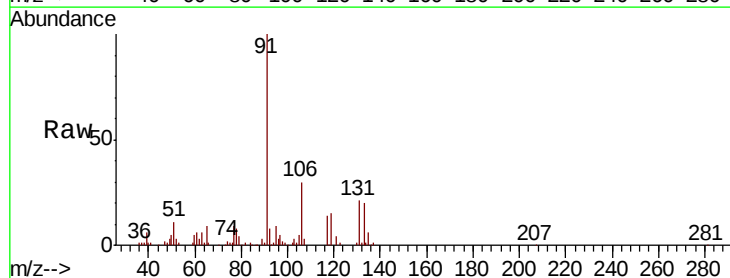
Instrument :
MSVOA_N
ClientSampled :
VN0413WBS01

Tot Ion:112 Resp: 78873
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.306 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Tgt Ion:131 Resp: 29489
Ion Ratio Lower Upper
131 100
133 97.0 48.9 146.8
119 69.7 33.9 101.7





#67

Ethyl Benzene

Concen: 18.124 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

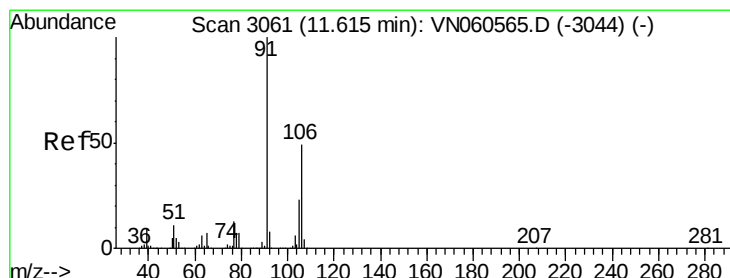
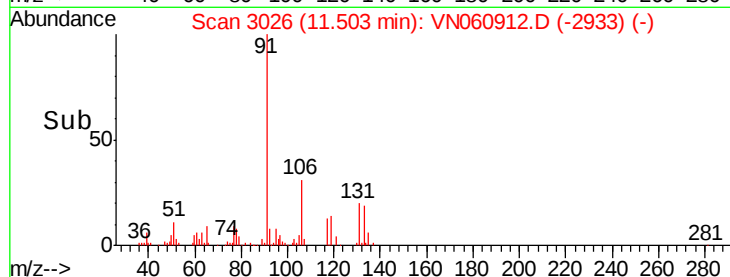
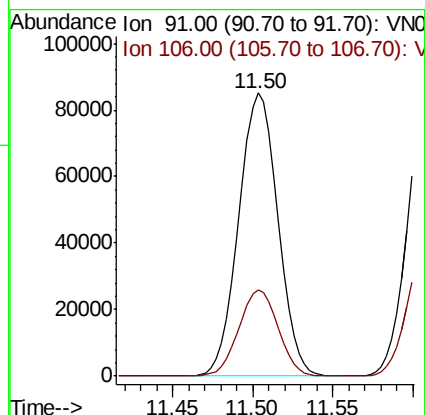
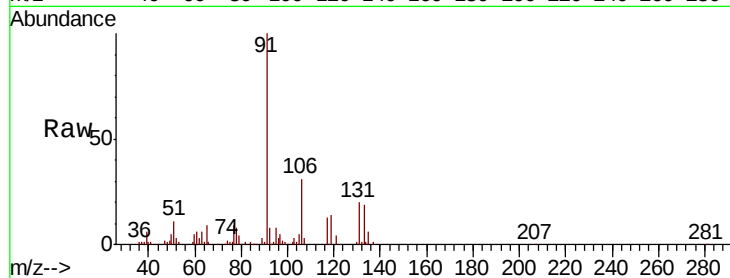
VN0413WBS01

Tot Ion: 91 Resp: 142184

Ion Ratio Lower Upper

91 100

106 30.6 24.2 36.2



#68

m/p-Xylenes

Concen: 35.792 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060912.D

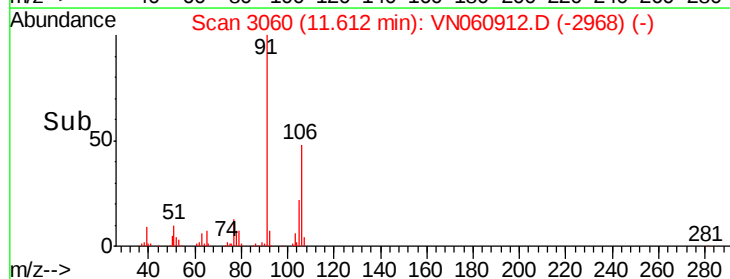
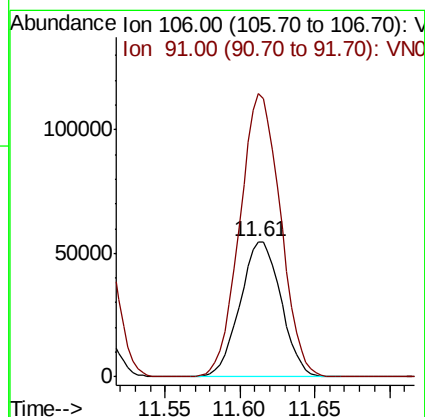
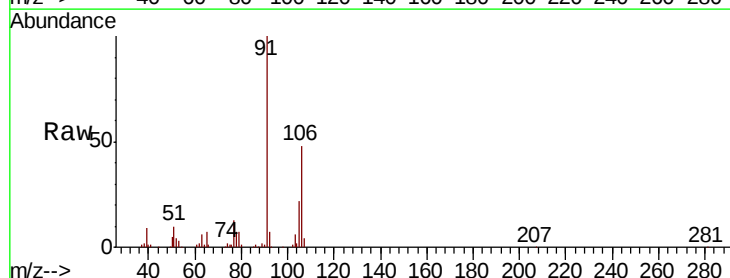
Acq: 13 Apr 2020 20:57

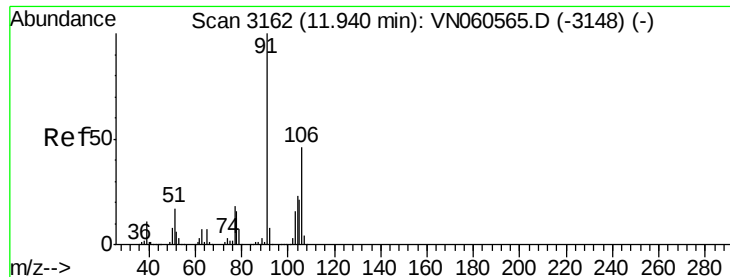
Tgt Ion: 106 Resp: 104346

Ion Ratio Lower Upper

106 100

91 208.3 165.0 247.4





#69

o-Xylene

Concen: 18.474 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

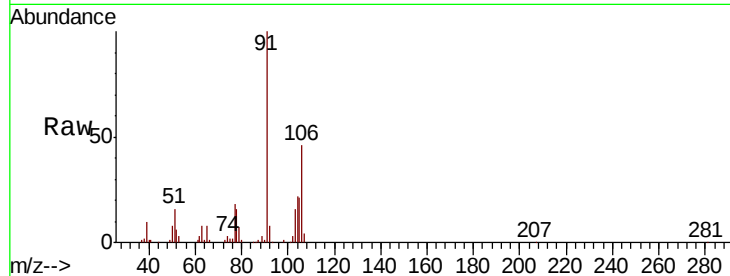
VN0413WBS01

Tot Ion:106 Resp: 51413

Ion Ratio Lower Upper

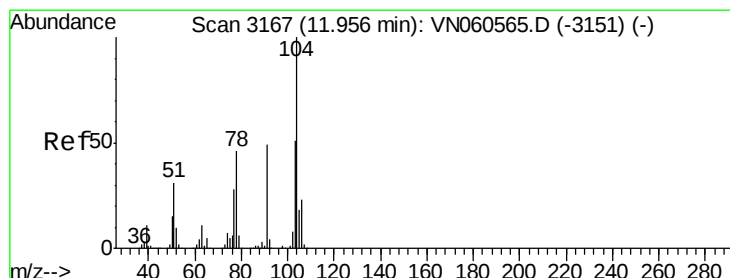
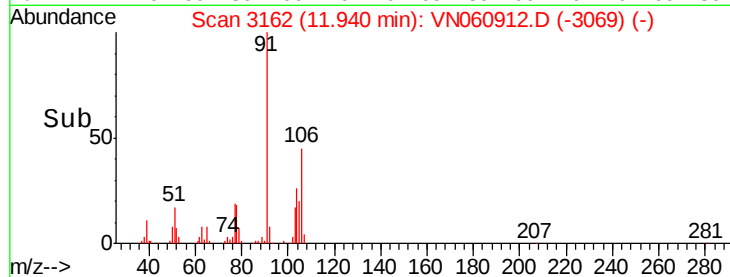
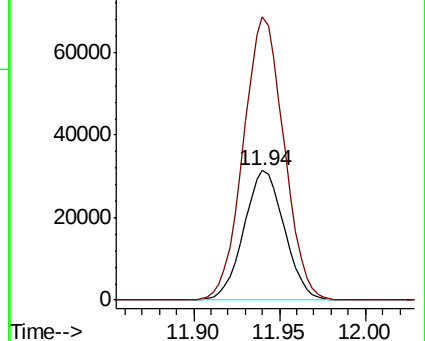
106 100

91 218.9 109.5 328.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 17.936 ug/l

RT: 11.96 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

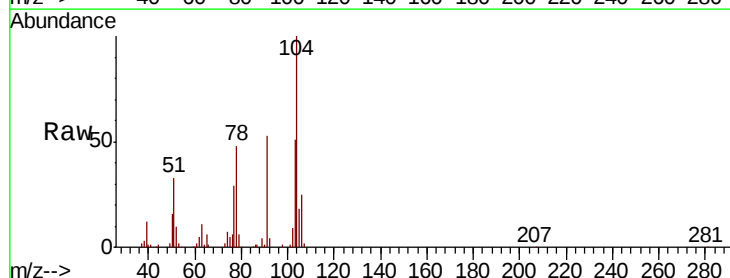
Tgt Ion:104 Resp: 81636

Ion Ratio Lower Upper

104 100

78 52.9 41.2 61.8

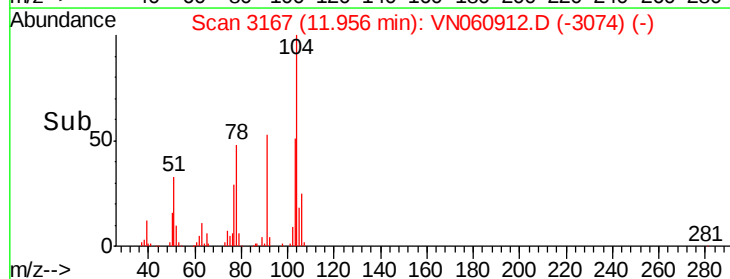
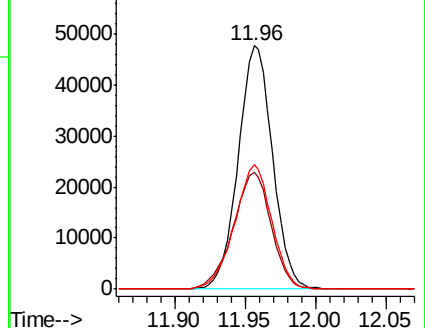
103 54.8 44.0 66.0

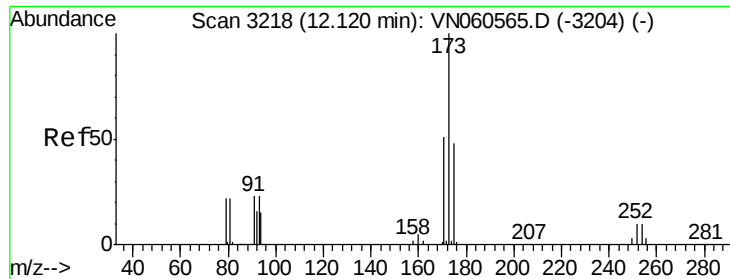


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

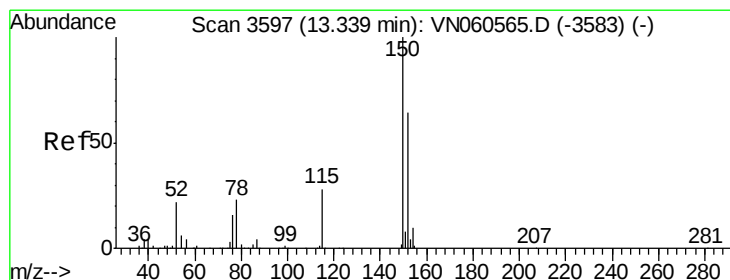
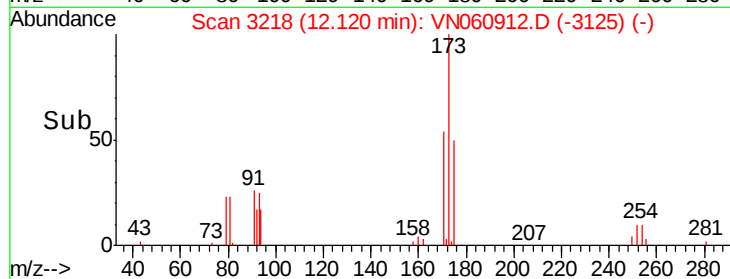
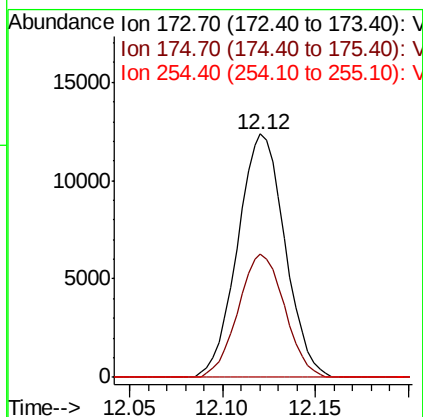
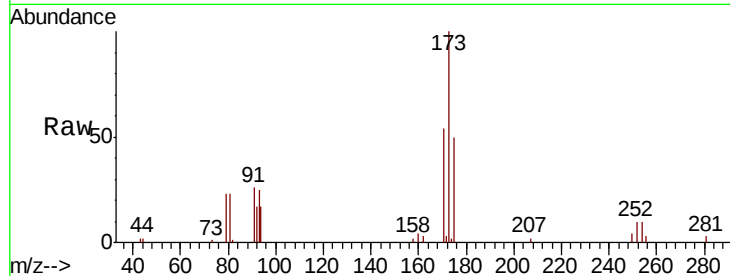




#71
Bromoform
Concen: 18.397 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

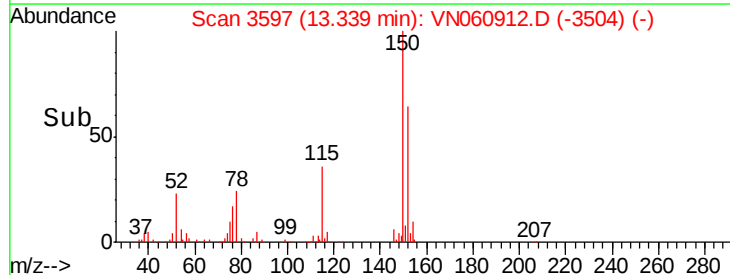
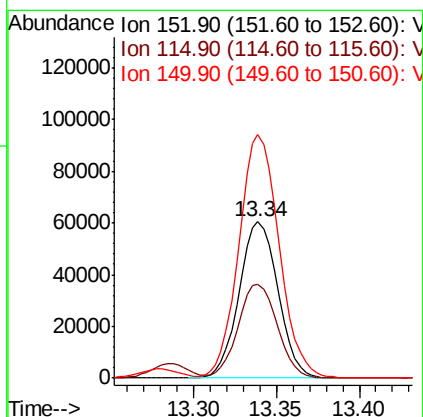
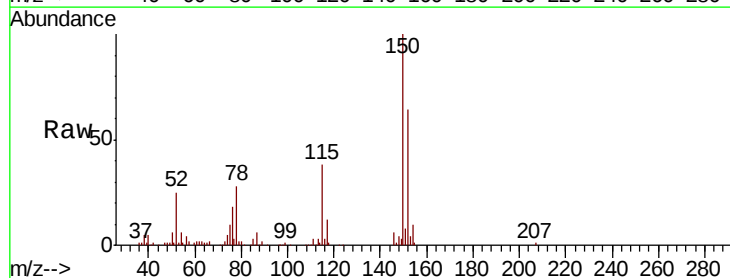
Instrument :
MSVOA_N
ClientSampleId :
VN0413WBS01

Tot Ion:173 Resp: 21959
Ion Ratio Lower Upper
173 100
175 49.6 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Tgt Ion:152 Resp: 98762
Ion Ratio Lower Upper
152 100
115 60.7 30.2 90.6
150 161.5 0.0 350.2





#73

Isopropylbenzene

Concen: 18.001 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

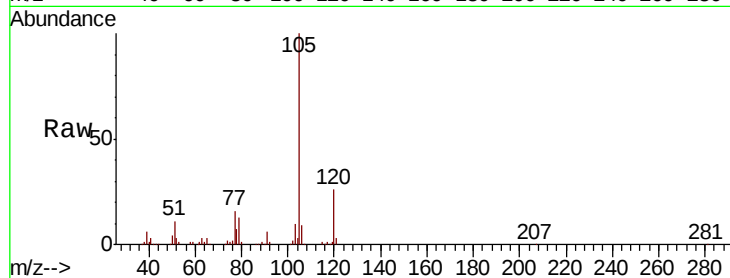
VN0413WBS01

Tot Ion:105 Resp: 133420

Ion Ratio Lower Upper

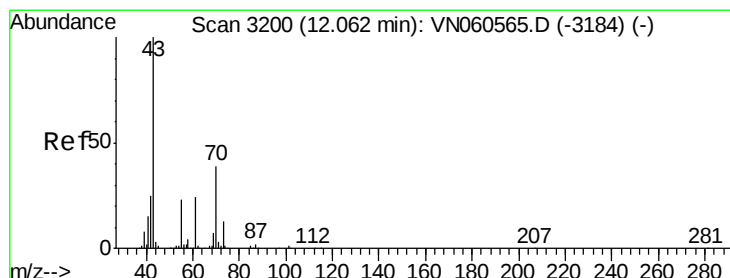
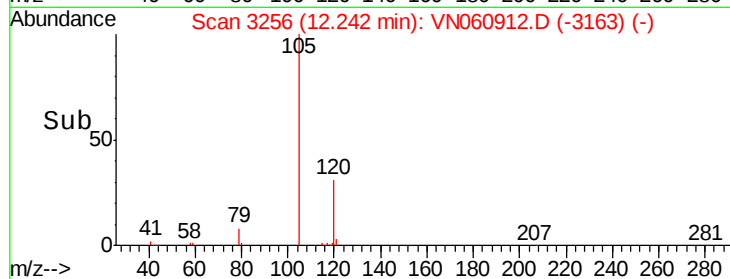
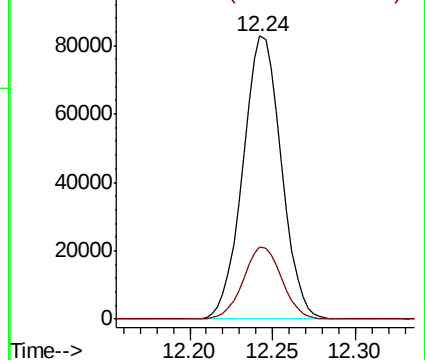
105 100

120 25.4 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.519 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Tgt Ion: 43 Resp: 66849

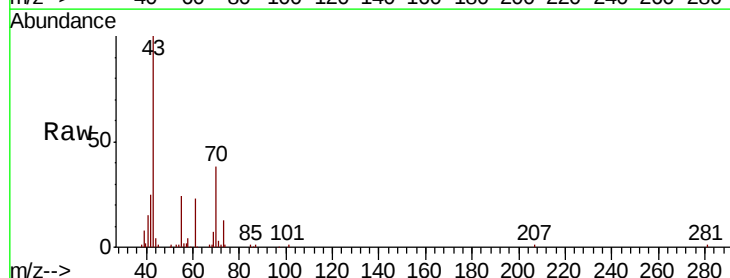
Ion Ratio Lower Upper

43 100

70 38.3 31.1 46.7

55 23.7 18.6 27.8

61 23.0 18.9 28.3

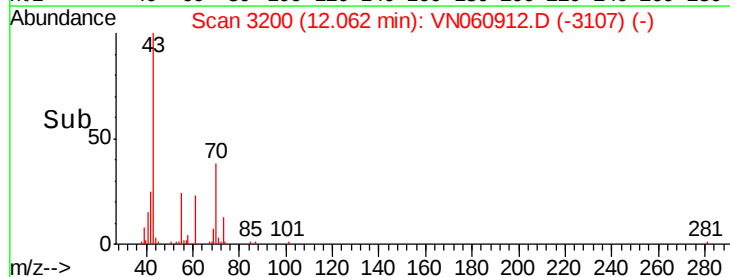
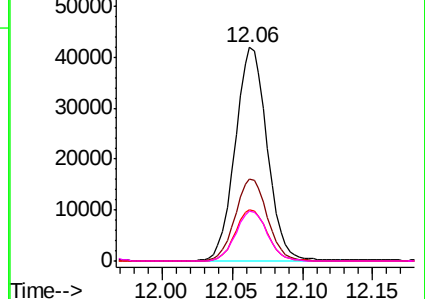


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.310 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampled :

VN0413WBS01

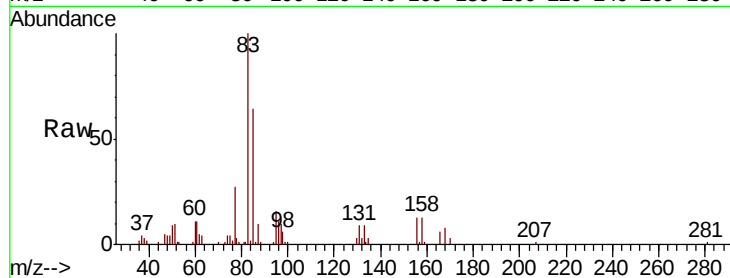
Tot Ion: 83 Resp: 45523

Ion Ratio Lower Upper

83 100

131 9.1 4.9 14.7

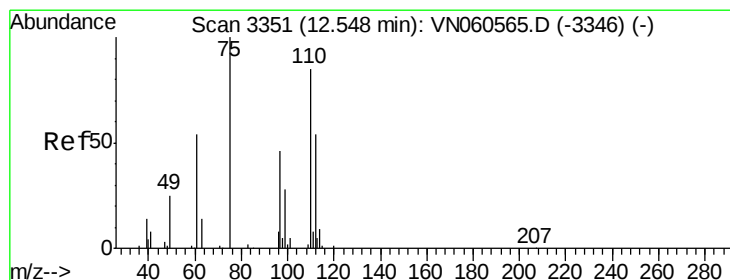
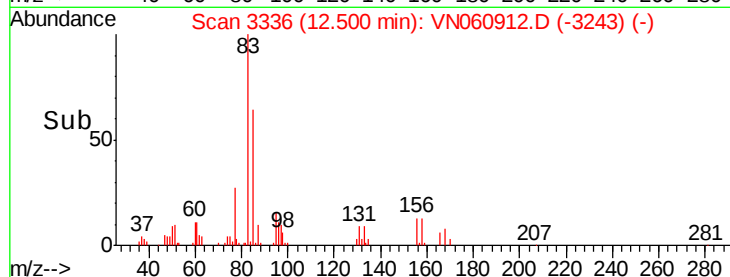
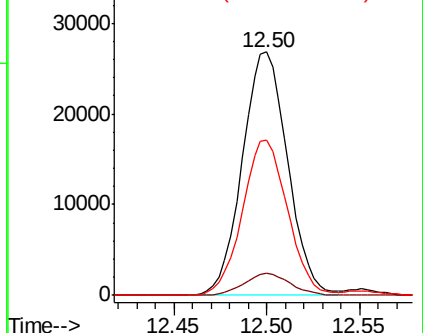
85 63.3 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060912.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060912.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060912.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 28.226 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060912.D

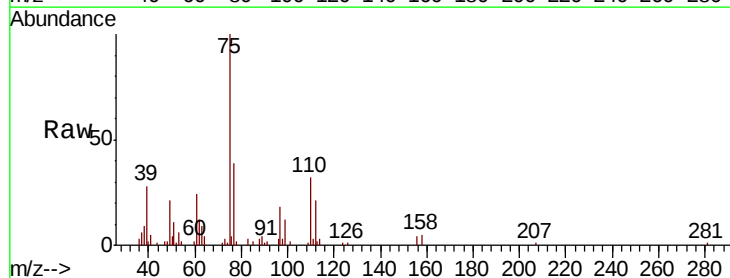
Acq: 13 Apr 2020 20:57

Tgt Ion: 75 Resp: 60151

Ion Ratio Lower Upper

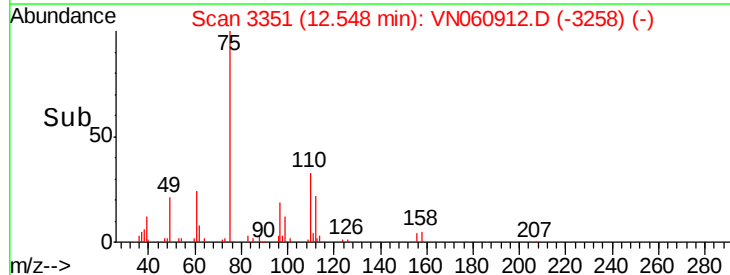
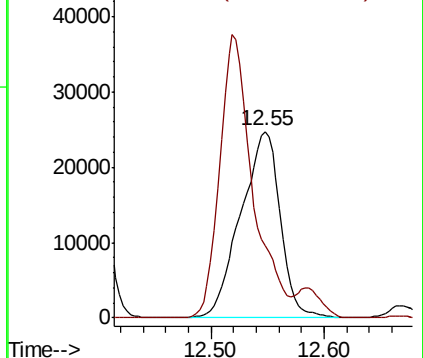
75 100

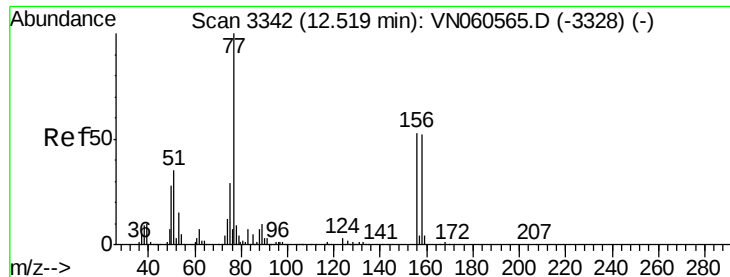
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060912.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060912.D (-3258) (-)





#77

Bromobenzene

Concen: 18.292 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS01

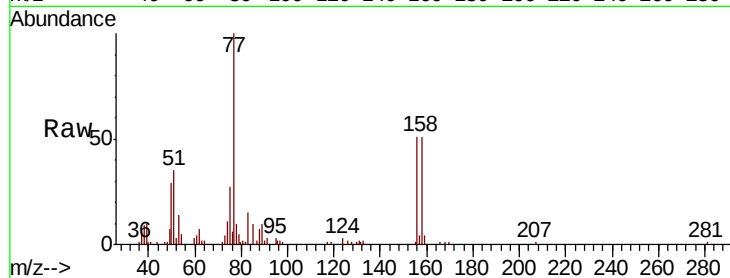
Tot Ion:156 Resp: 32668

Ion Ratio Lower Upper

156 100

77 233.9 112.3 337.0

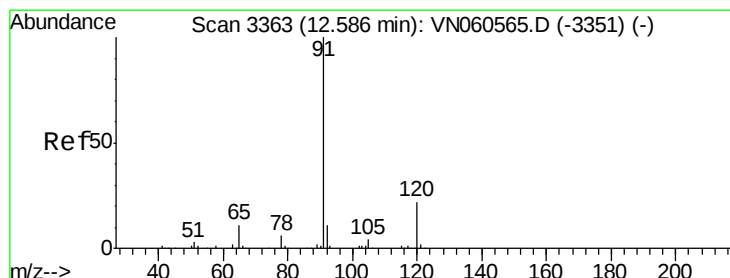
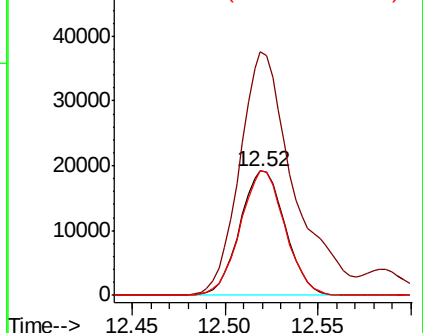
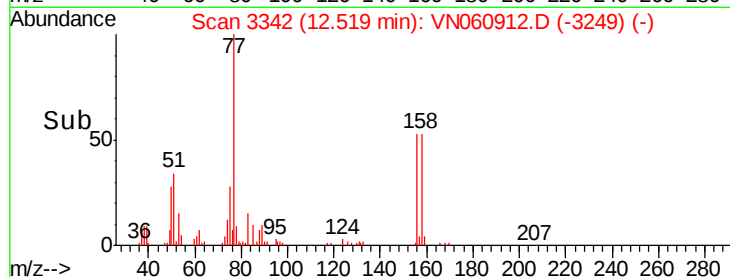
158 99.0 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.934 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060912.D

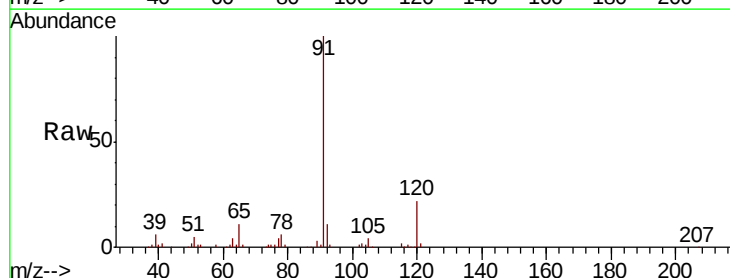
Acq: 13 Apr 2020 20:57

Tgt Ion: 91 Resp: 157041

Ion Ratio Lower Upper

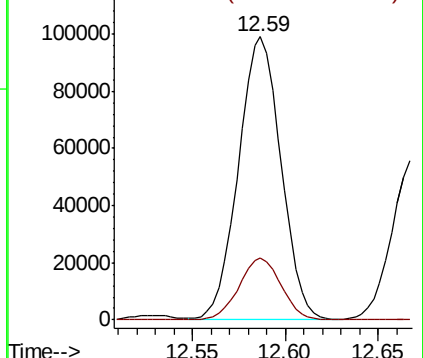
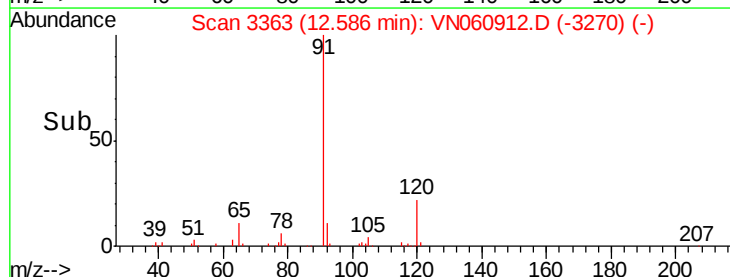
91 100

120 21.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.989 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampled :

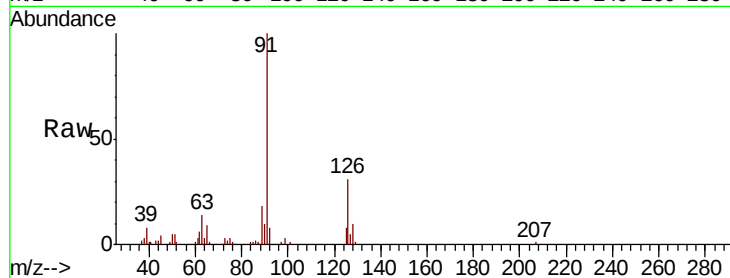
VN0413WBS01

Tot Ion: 91 Resp: 94120

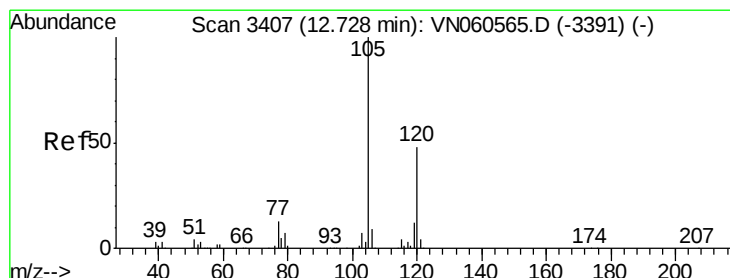
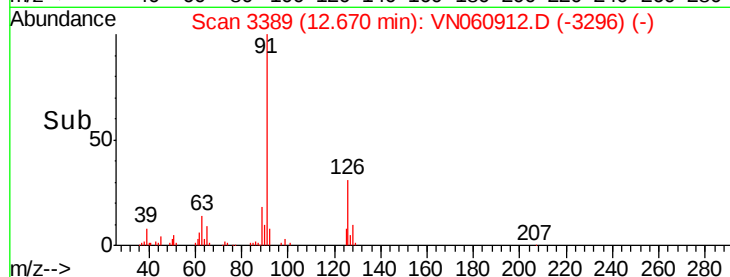
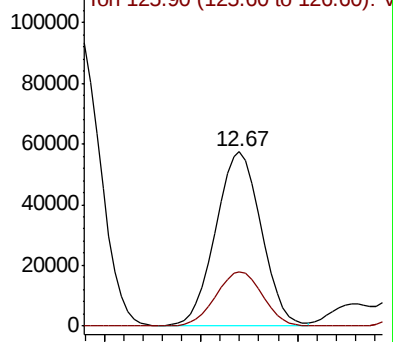
Ion Ratio Lower Upper

91 100

126 31.8 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060912.D (-3296) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.958 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060912.D

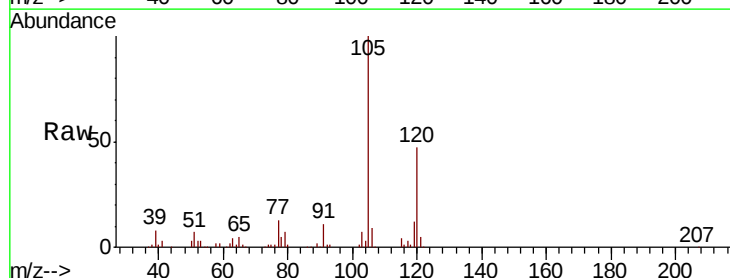
Acq: 13 Apr 2020 20:57

Tgt Ion: 105 Resp: 112950

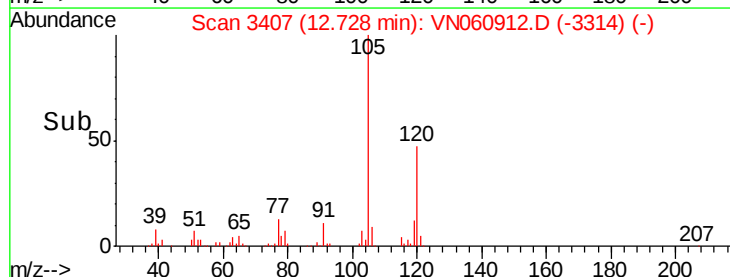
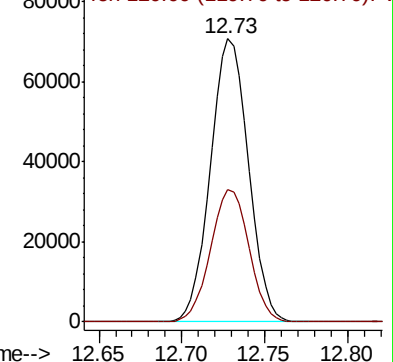
Ion Ratio Lower Upper

105 100

120 47.1 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060912.D (-3314) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.452 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampled :

VN0413WBS01

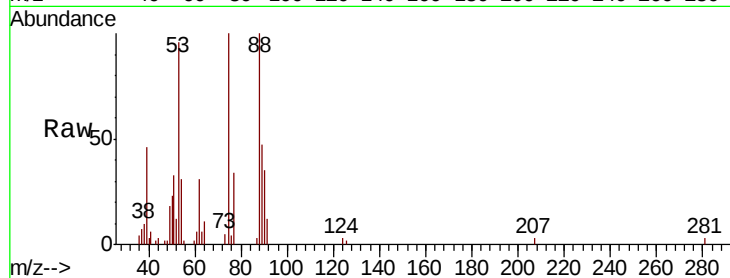
Tot Ion: 75 Resp: 15311

Ion Ratio Lower Upper

75 100

53 95.9 73.0 109.4

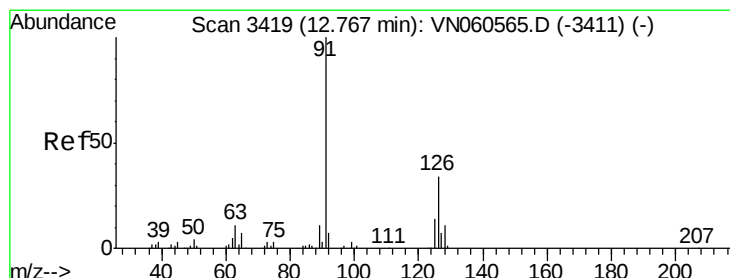
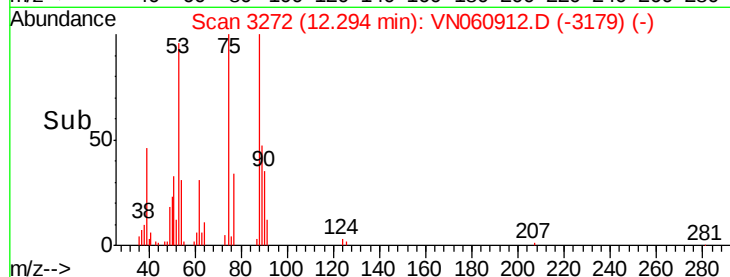
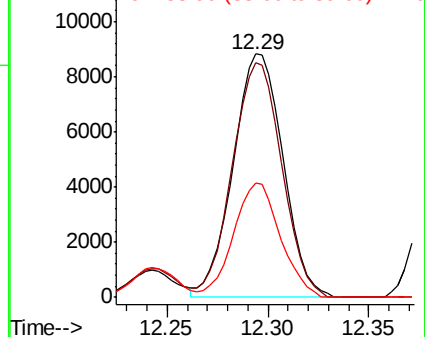
89 44.1 34.8 52.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.586 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060912.D

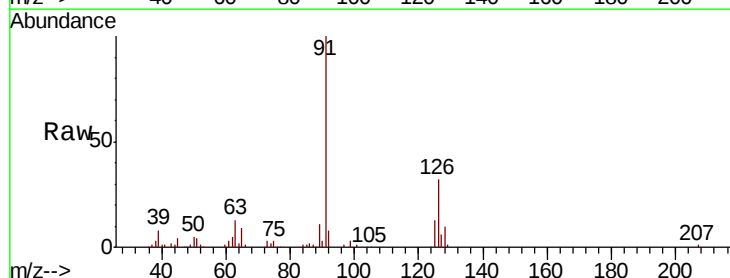
Acq: 13 Apr 2020 20:57

Tgt Ion: 91 Resp: 99037

Ion Ratio Lower Upper

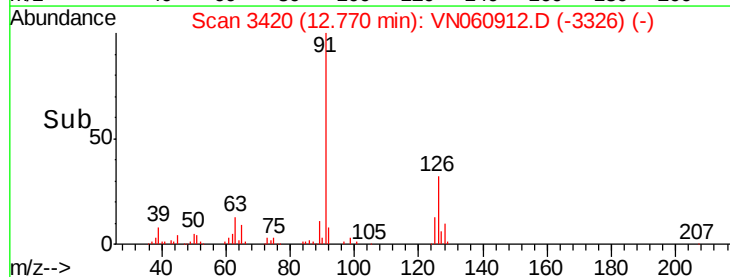
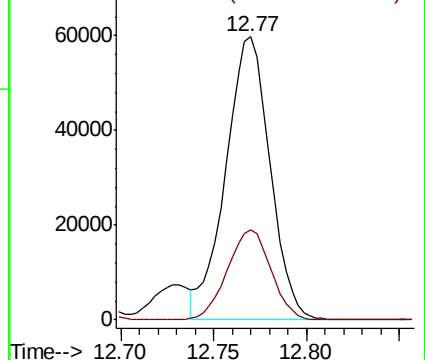
91 100

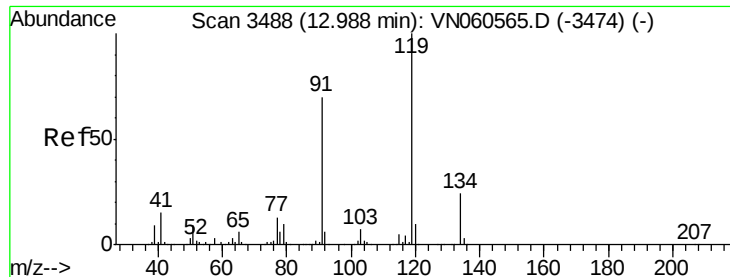
126 31.3 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

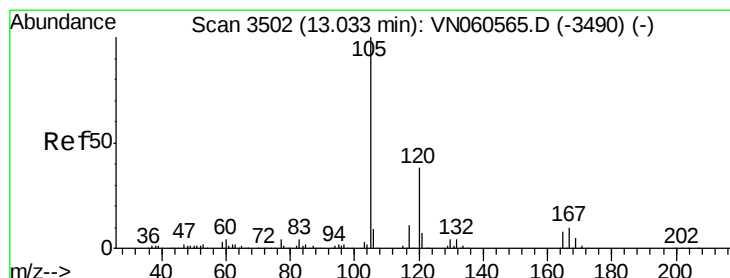
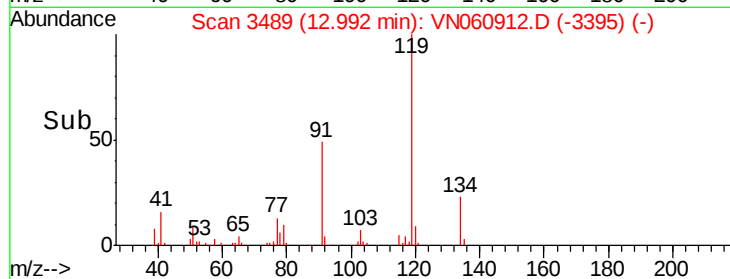
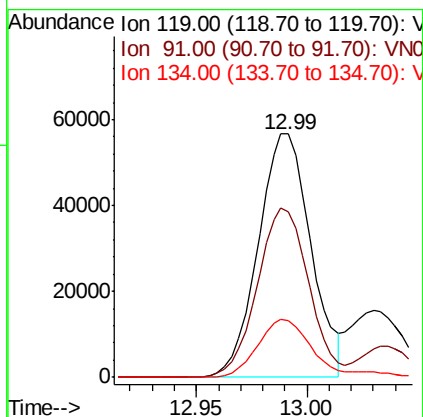
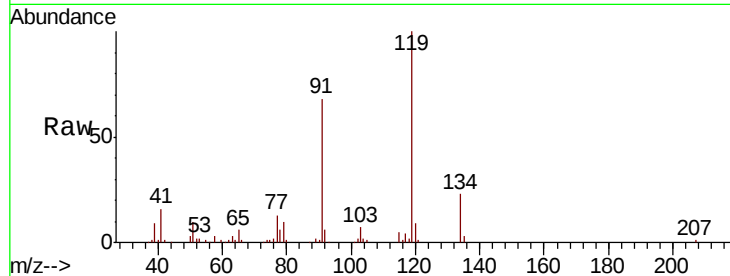




#83
tert-Butylbenzene
Concen: 17.945 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

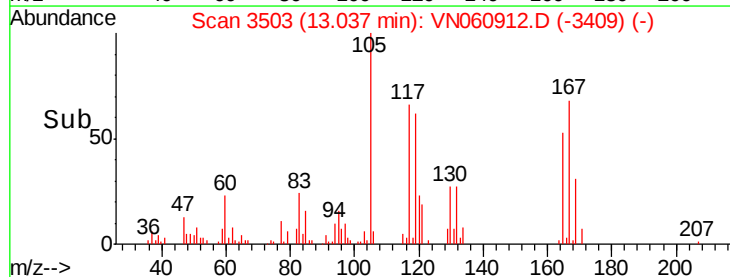
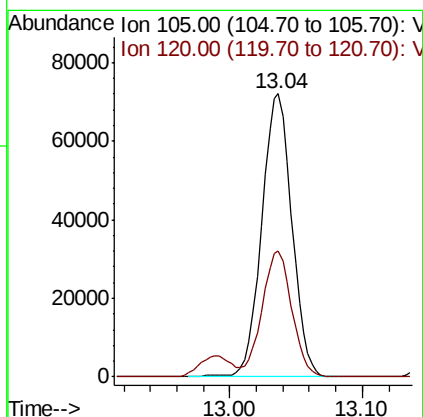
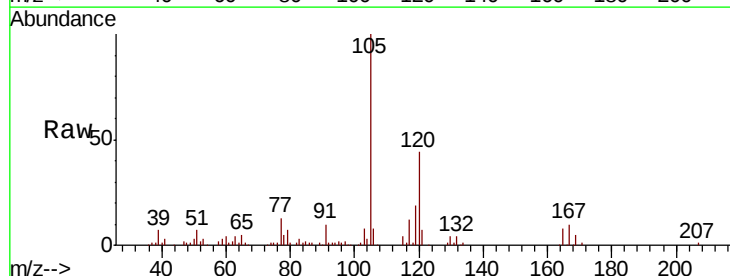
Instrument :
MSVOA_N
ClientSampled :
VN0413WBS01

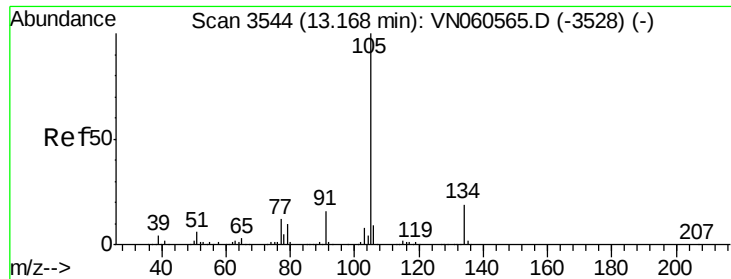
Tot Ion:119 Resp: 93564
Ion Ratio Lower Upper
119 100
91 68.0 34.0 101.8
134 25.4 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 18.291 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Tgt Ion:105 Resp: 113816
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.5





#85

sec-Butylbenzene

Concen: 18.339 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampled :

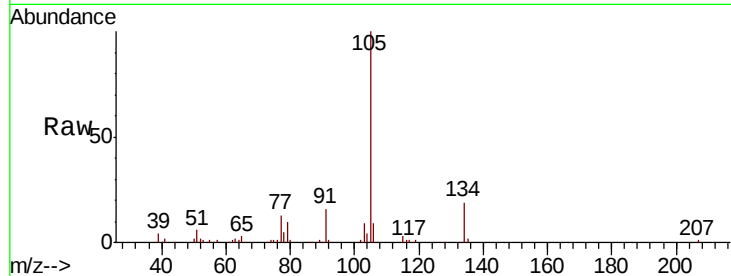
VN0413WBS01

Tot Ion:105 Resp: 128578

Ion Ratio Lower Upper

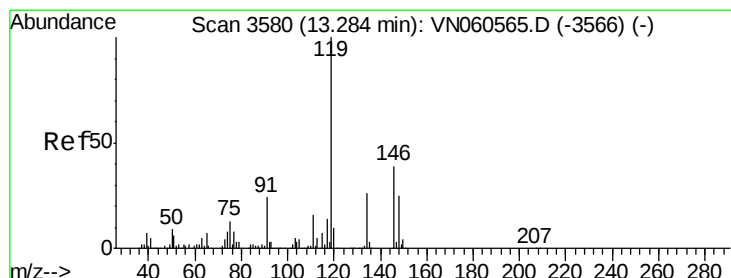
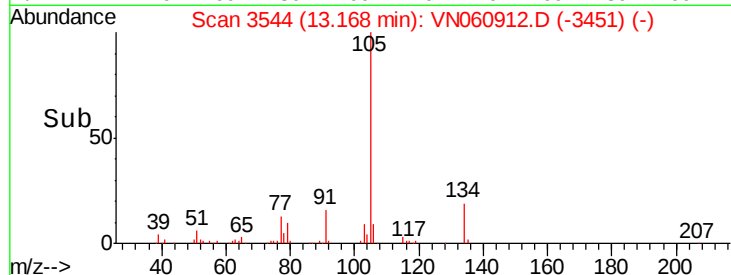
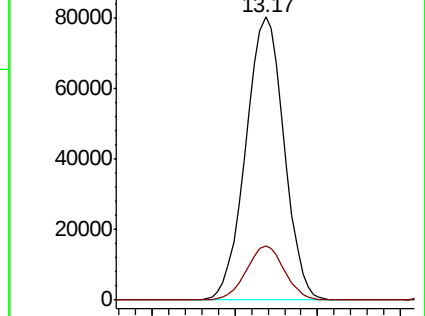
105 100

134 18.8 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.339 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

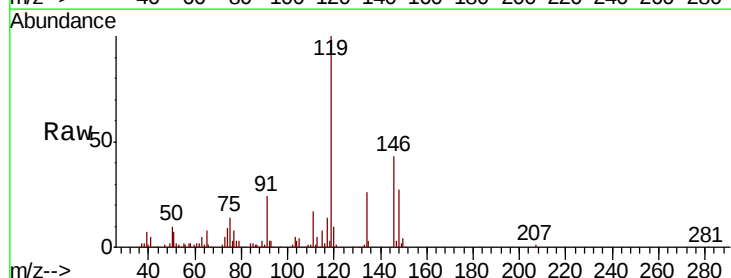
Tgt Ion:119 Resp: 115624

Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

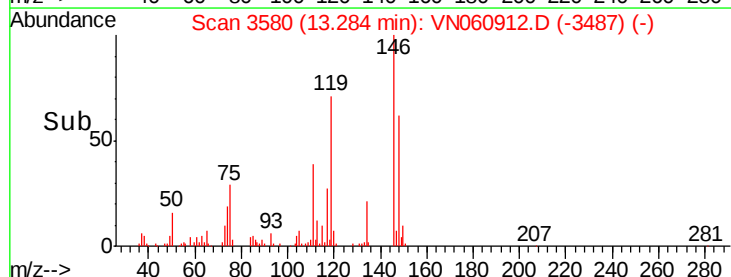
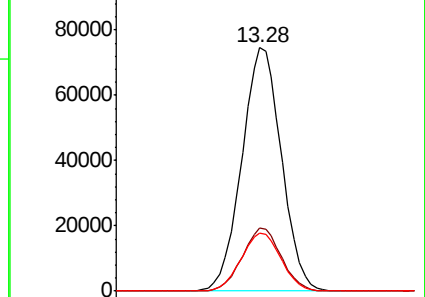
91 24.1 12.0 36.0

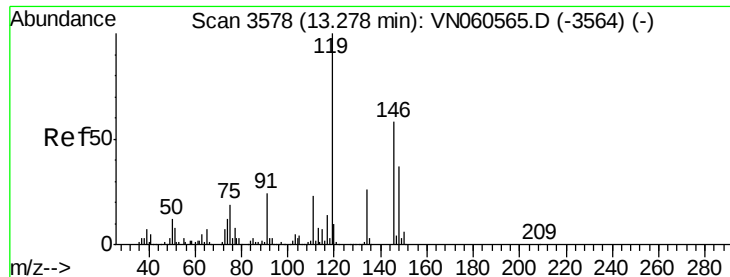


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.563 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS01

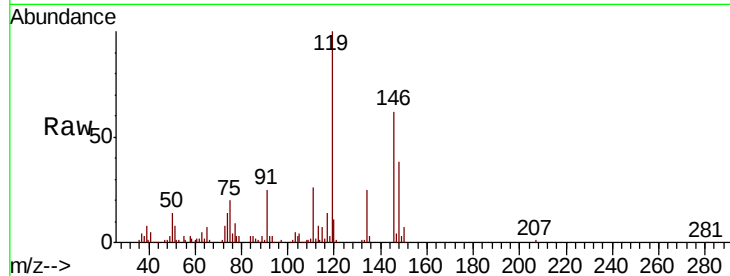
Tot Ion:146 Resp: 58472

Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.8

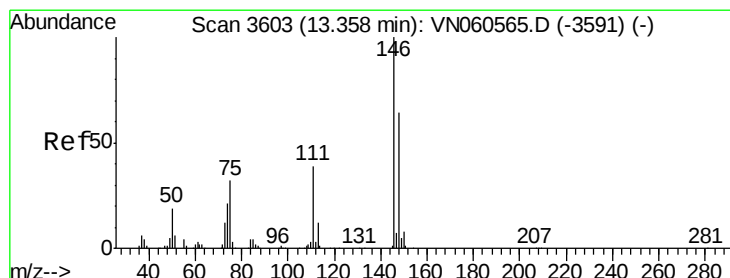
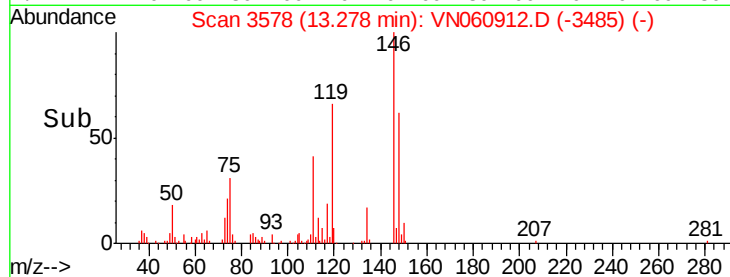
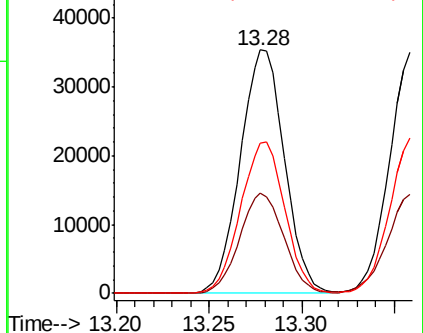
148 62.1 32.5 97.4



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: 18.327 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

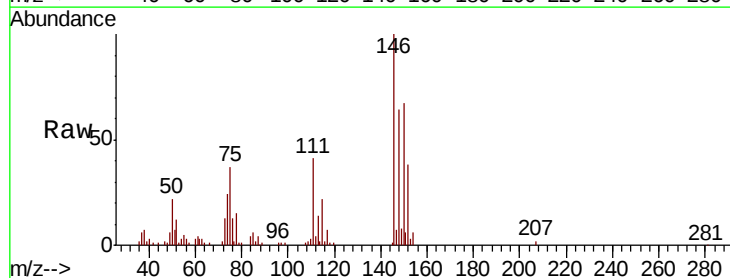
Tgt Ion:146 Resp: 57998

Ion Ratio Lower Upper

146 100

111 41.6 19.6 58.7

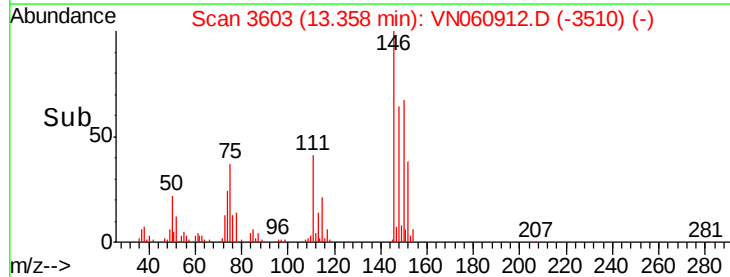
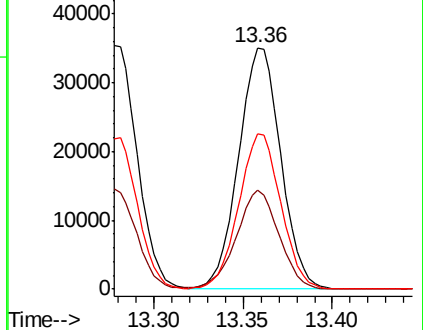
148 64.2 32.1 96.3

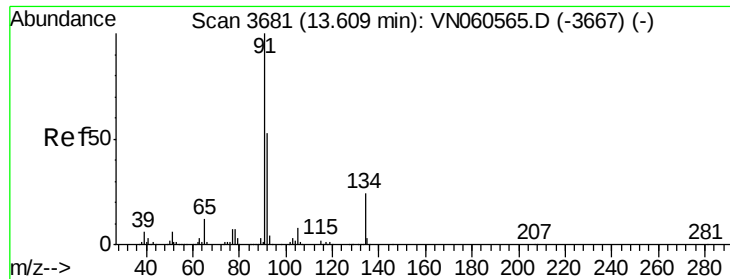


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

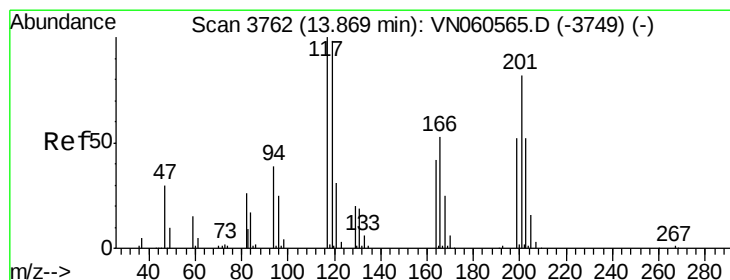
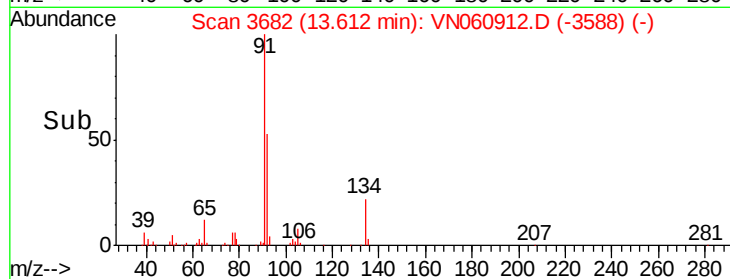
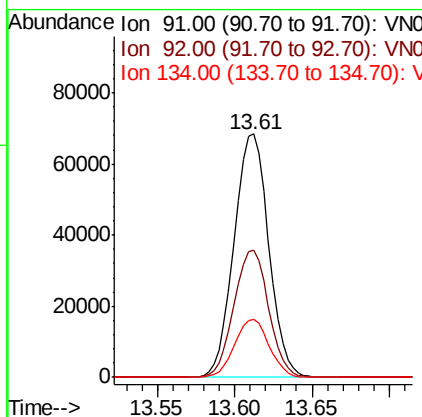
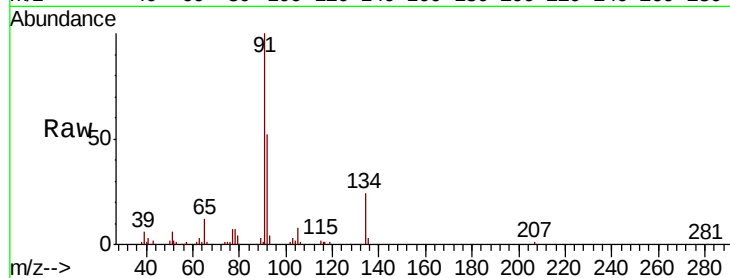




#89
n-Butylbenzene
Concen: 18.705 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

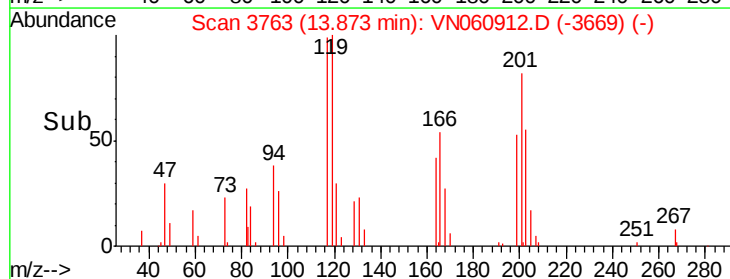
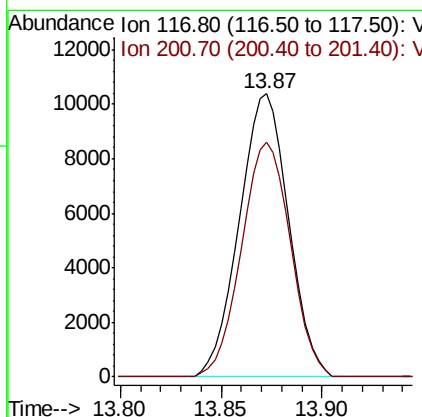
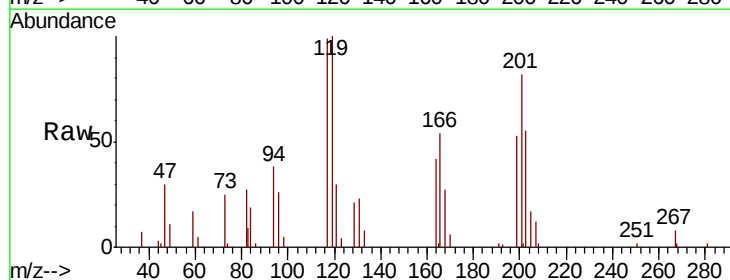
Instrument :
MSVOA_N
ClientSampled :
VN0413WBS01

Tot Ion: 91 Resp: 106475
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.5
134 23.7 12.3 36.9



#90
Hexachloroethane
Concen: 19.375 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060912.D
Acq: 13 Apr 2020 20:57

Tgt Ion: 117 Resp: 17756
Ion Ratio Lower Upper
117 100
201 82.5 40.8 122.5

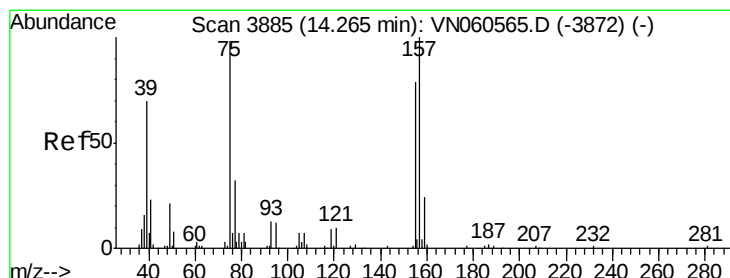
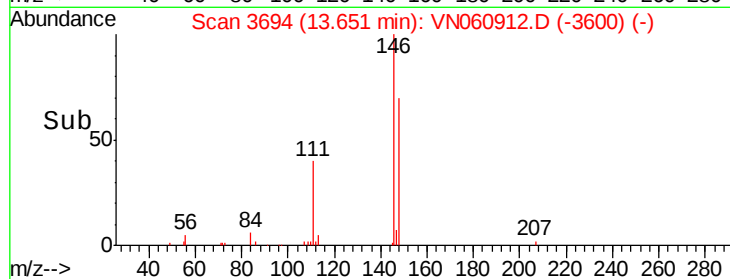
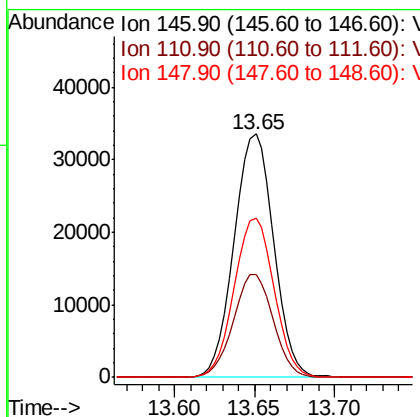
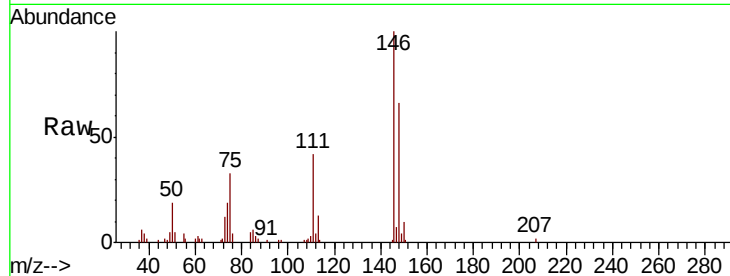




#91
 1,2-Dichlorobenzene
 Concen: 18.775 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060912.D
 Acq: 13 Apr 2020 20:57

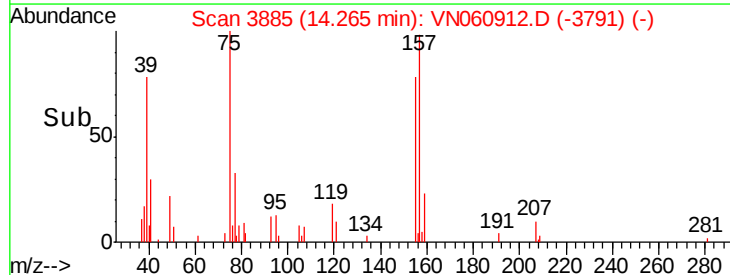
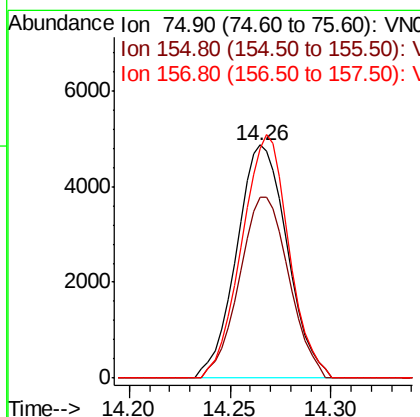
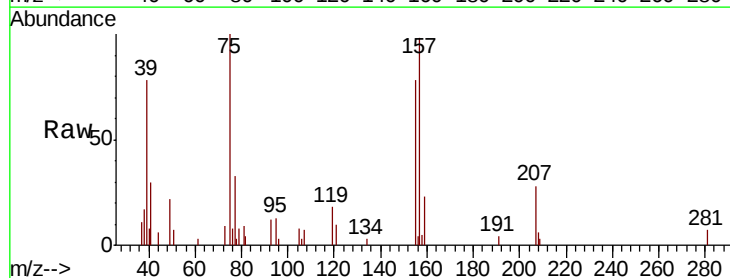
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0413WBS01

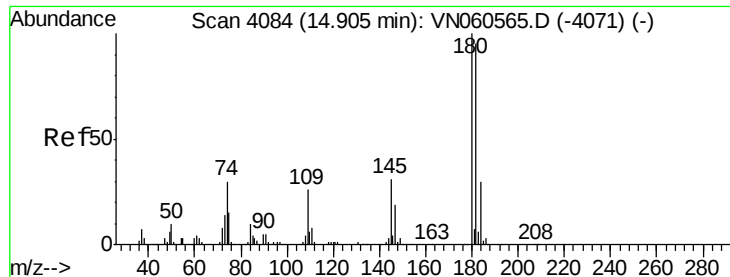
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.0	63.0
148	65.7	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.073 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060912.D
 Acq: 13 Apr 2020 20:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.7	40.7	122.1
157	97.1	51.5	154.7

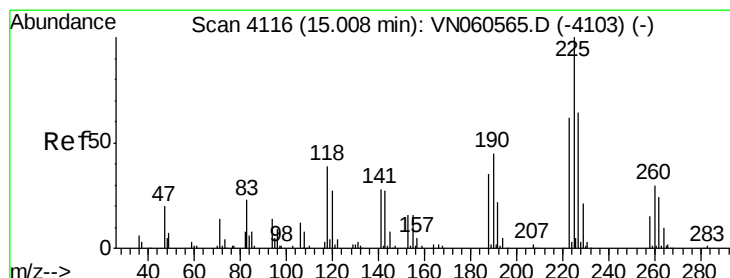
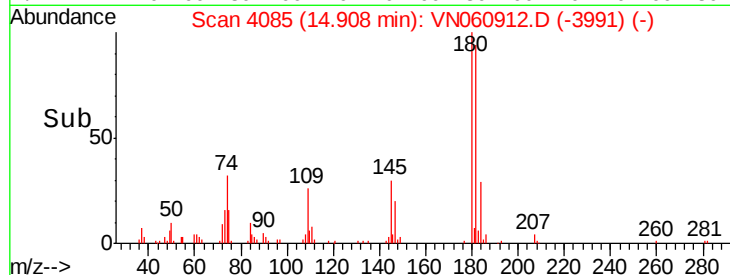
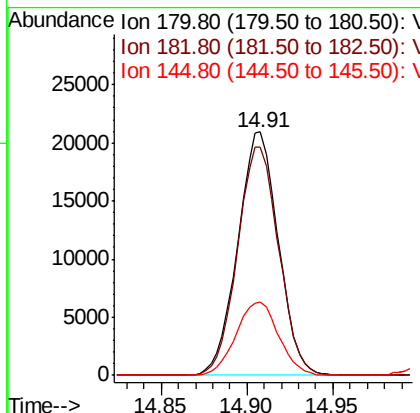
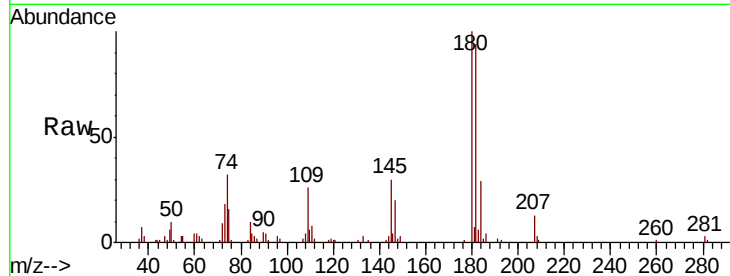




#93
 1,2,4-Trichlorobenzene
 Concen: 18.527 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060912.D
 Acq: 13 Apr 2020 20:57

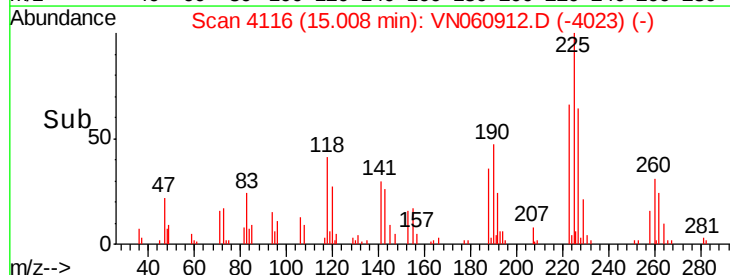
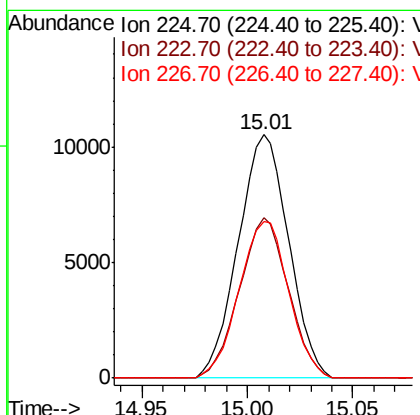
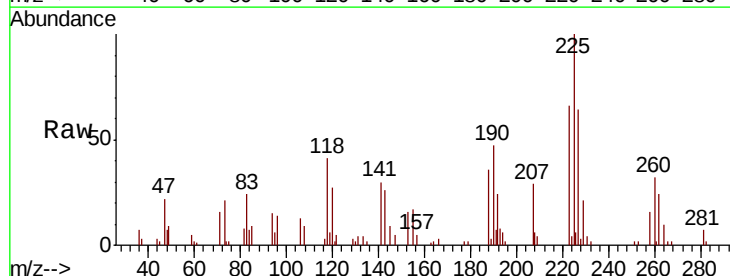
Instrument :
 MSVOA_N
 ClientSampled :
 VN0413WBS01

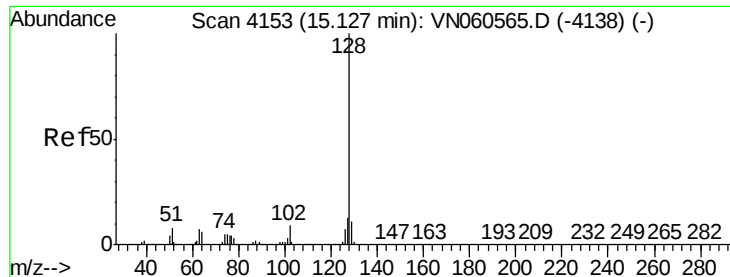
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.8
145	31.4	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 19.239 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060912.D
 Acq: 13 Apr 2020 20:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.6	95.0
227	63.7	32.3	96.8





#95

Naphthalene

Concen: 18.287 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

Instrument :

MSVOA_N

ClientSampleId :

VN0413WBS01

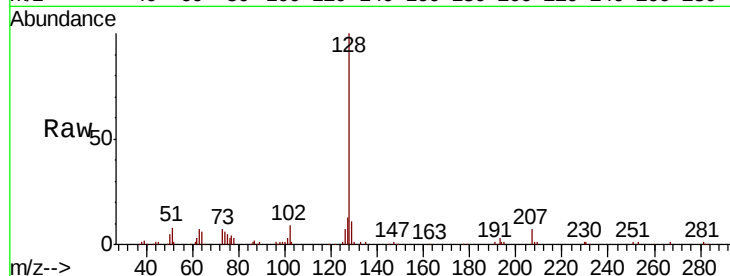
Tot Ion:128 Resp: 101737

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.1 8.8 13.2

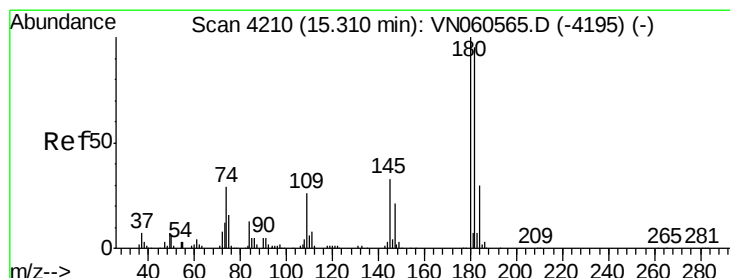
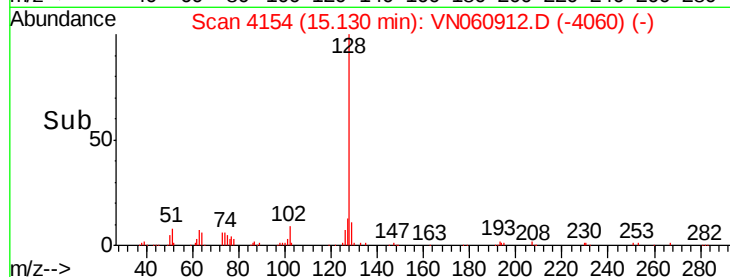
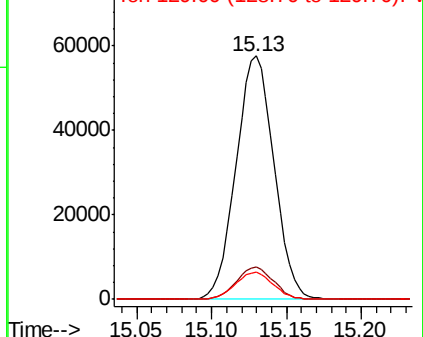


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.741 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN060912.D

Acq: 13 Apr 2020 20:57

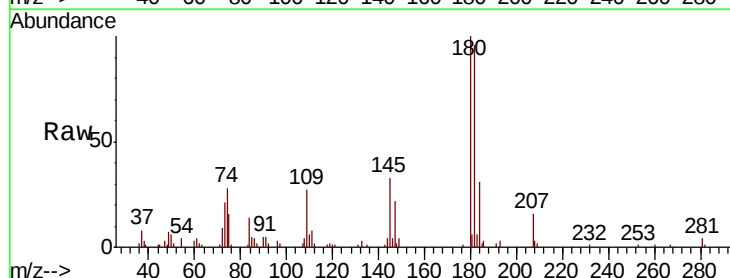
Tgt Ion:180 Resp: 34142

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.6

145 32.7 16.3 48.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

