

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061069.D
 Acq On : 17 Apr 2020 22:57
 Operator : JC/MD
 Sample : VN0417WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS02

Quant Time: Apr 20 01:38:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	156156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	265457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	242682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	110910	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	100967	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
35) Dibromofluoromethane	7.56	113	76187	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
50) Toluene-d8	10.08	98	276003	47.12	ug/l	0.00
Spiked Amount			Recovery	=	94.24%	
62) 4-Bromofluorobenzene	12.39	95	108220	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	38023	18.653	ug/l	99
3) Chloromethane	2.04	50	52043	18.791	ug/l	99
4) Vinyl Chloride	2.17	62	43461	18.883	ug/l	100
5) Bromomethane	2.55	94	20778	18.002	ug/l	100
6) Chloroethane	2.69	64	26129	19.680	ug/l	98
7) Trichlorofluoromethane	3.00	101	55936	19.521	ug/l	98
8) Diethyl Ether	3.38	74	21981	19.301	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	30720	18.274	ug/l	99
10) Methyl Iodide	3.93	142	30080	20.282	ug/l	98
11) Tert butyl alcohol	4.72	59	34994	98.718	ug/l #	85
12) 1,1-Dichloroethene	3.72	96	32268	18.883	ug/l	98
13) Acrolein	3.58	56	22714	75.889	ug/l	99
14) Allyl chloride	4.29	41	58798	18.185	ug/l	98
15) Acrylonitrile	4.94	53	98067	102.032	ug/l	99
16) Acetone	3.78	43	81545	92.730	ug/l	100
17) Carbon Disulfide	4.03	76	99070	18.527	ug/l	98
18) Methyl Acetate	4.29	43	57877	20.989	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	112908	18.949	ug/l	98
20) Methylene Chloride	4.52	84	36379	18.947	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	35063	19.184	ug/l	95
22) Diisopropyl ether	5.91	45	128604	19.151	ug/l	99
23) Vinyl Acetate	5.86	43	495381	94.075	ug/l	100
24) 1,1-Dichloroethane	5.82	63	69235	19.090	ug/l	99
25) 2-Butanone	6.80	43	132071	98.009	ug/l	100
26) 2,2-Dichloropropane	6.79	77	48693	16.125	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	39955	19.041	ug/l	98
28) Bromochloromethane	7.17	49	34324	20.617	ug/l	100
29) Tetrahydrofuran	7.18	42	90749	99.198	ug/l	100
30) Chloroform	7.35	83	64417	19.042	ug/l	97
31) Cyclohexane	7.63	56	66851	17.963	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	54846	18.744	ug/l	98
36) 1,1-Dichloropropene	7.77	75	50404	18.400	ug/l	99
37) Ethyl Acetate	6.89	43	57279	19.257	ug/l	98
38) Carbon Tetrachloride	7.75	117	43164	18.931	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	57283	17.491	ug/l	97
40) Benzene	8.02	78	152188	18.727	ug/l	100
41) Methacrylonitrile	7.18	41	80697	65.045	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	52451	18.947	ug/l	100
43) Isopropyl Acetate	8.14	43	93044	19.234	ug/l	100
44) Trichloroethene	8.82	130	37568	18.398	ug/l	99
45) 1,2-Dichloropropane	9.10	63	41222	18.780	ug/l	98
46) Dibromomethane	9.19	93	24634	19.465	ug/l	100
47) Bromodichloromethane	9.38	83	50470	18.878	ug/l	100
48) Methyl methacrylate	9.18	41	40416	18.905	ug/l	99
49) 1,4-Dioxane	9.18	88	11258	387.792	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	276302	99.080	ug/l	100
52) Toluene	10.14	92	89516	18.361	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	56555	18.211	ug/l	97
54) cis-1,3-Dichloropropene	9.82	75	61332	18.101	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	35086	19.017	ug/l	97
56) Ethyl methacrylate	10.42	69	54029	18.623	ug/l	97
57) 1,3-Dichloropropane	10.70	76	62174	18.893	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	125909	95.511	ug/l	100
59) 2-Hexanone	10.74	43	198374	98.638	ug/l	99
60) Dibromochloromethane	10.89	129	36526	19.273	ug/l	98
61) 1,2-Dibromoethane	10.99	107	35551	18.910	ug/l	97
64) Tetrachloroethene	10.62	164	34571	18.616	ug/l	99
65) Chlorobenzene	11.42	112	91448	18.254	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	33073	18.452	ug/l	99
67) Ethyl Benzene	11.50	91	171170	18.164	ug/l	98
68) m/p-Xylenes	11.61	106	124493	36.554	ug/l	100
69) o-Xylene	11.94	106	59993	18.321	ug/l	99
70) Styrene	11.96	104	96127	18.235	ug/l	100
71) Bromoform	12.12	173	25293	18.905	ug/l #	100
73) Isopropylbenzene	12.24	105	160921	18.110	ug/l	99
74) N-amyl acetate	12.06	43	75702	18.321	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	51897	19.133	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	68658	28.144	ug/l #	100
77) Bromobenzene	12.52	156	38081	18.356	ug/l	99
78) n-propylbenzene	12.58	91	187412	18.028	ug/l	100
79) 2-Chlorotoluene	12.67	91	111794	18.335	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	135654	18.470	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	16632	16.816	ug/l	100
82) 4-Chlorotoluene	12.77	91	115680	18.293	ug/l	100
83) tert-Butylbenzene	12.99	119	111812	18.102	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	134459	18.521	ug/l	100
85) sec-Butylbenzene	13.17	105	151817	18.140	ug/l	99
86) p-Isopropyltoluene	13.28	119	133055	17.854	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	66549	17.999	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	65386	17.579	ug/l	99
89) n-Butylbenzene	13.61	91	120354	17.367	ug/l	99
90) Hexachloroethane	13.87	117	20599	18.016	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	64131	18.174	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	10208	19.446	ug/l	97

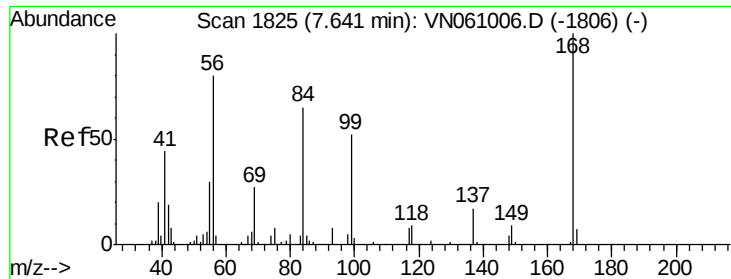
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
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Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	37257	17.838	ug/l	99
94) Hexachlorobutadiene	15.01	225	18157	16.899	ug/l	99
95) Naphthalene	15.13	128	111295	18.272	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	36592	18.180	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

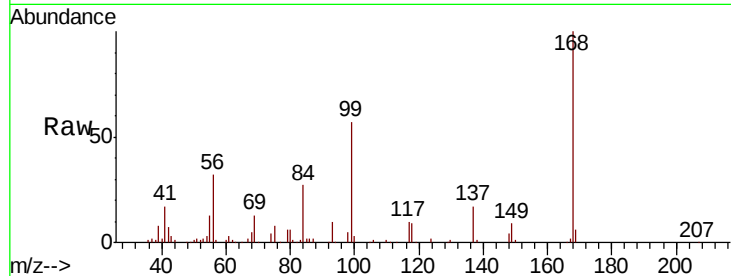
VN0417WBS02

Tot Ion:168 Resp: 156156

Ion Ratio Lower Upper

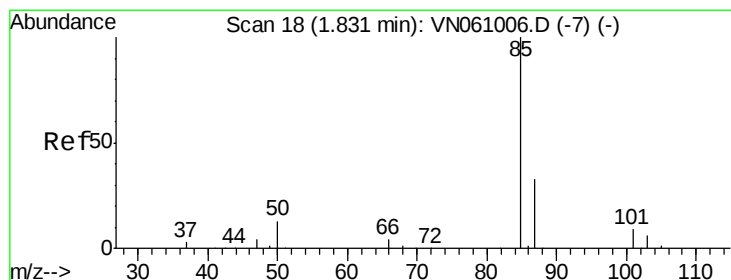
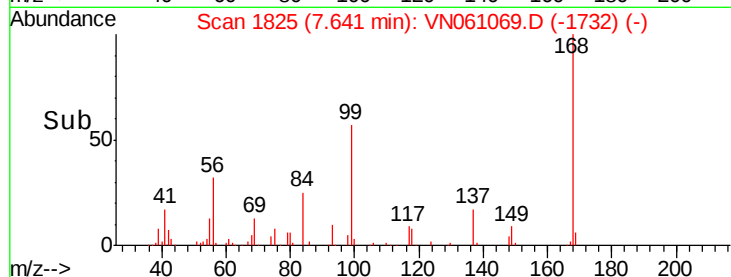
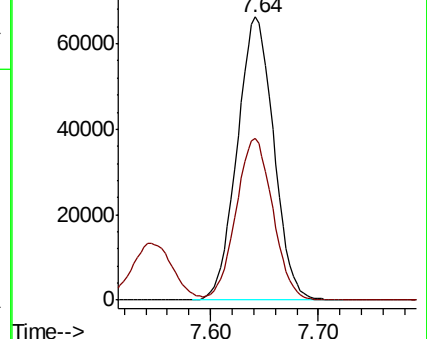
168 100

99 57.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 18.653 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061069.D

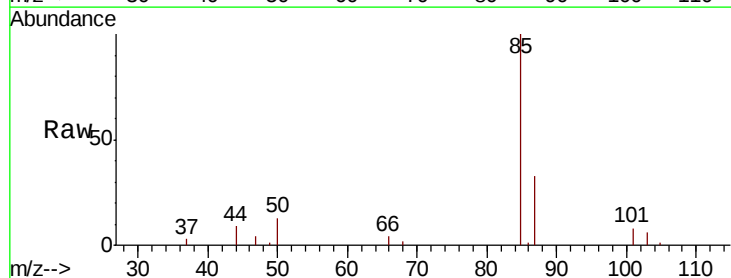
Acq: 17 Apr 2020 22:57

Tgt Ion: 85 Resp: 38023

Ion Ratio Lower Upper

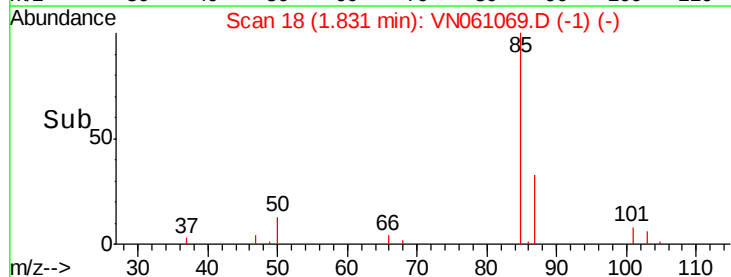
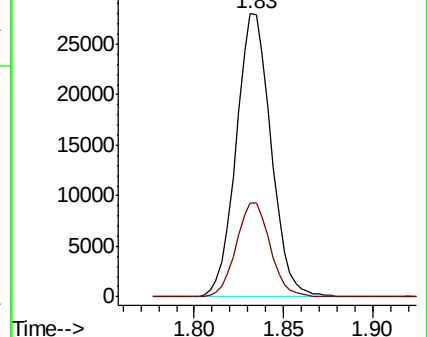
85 100

87 33.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

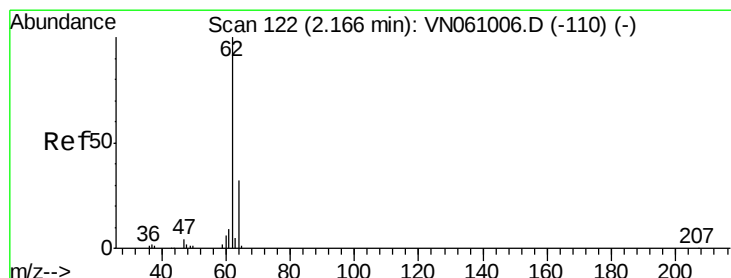
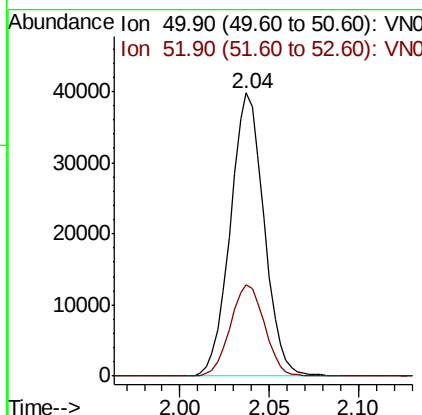
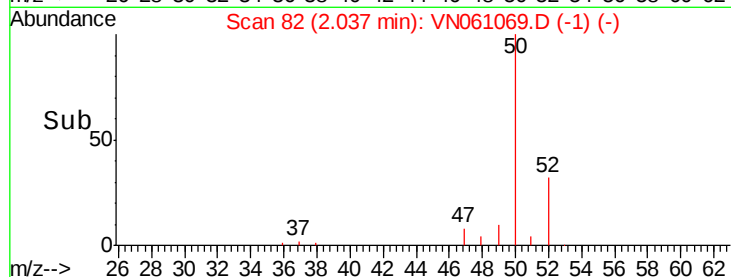
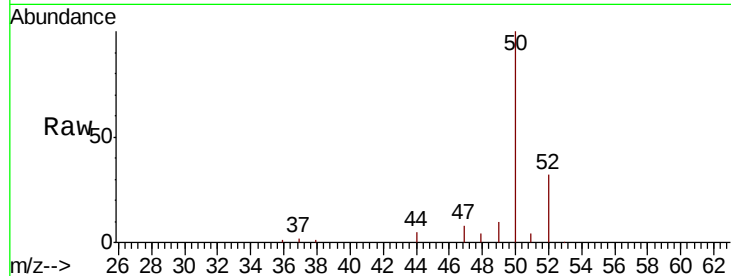




#3
Chloromethane
Concen: 18.791 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

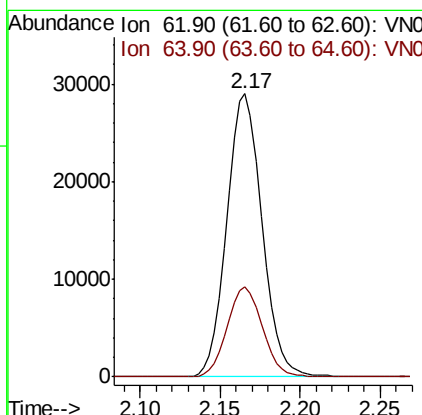
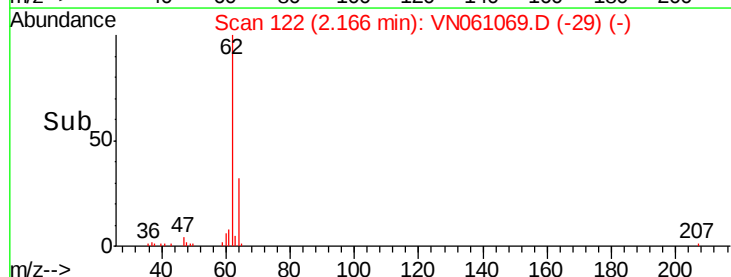
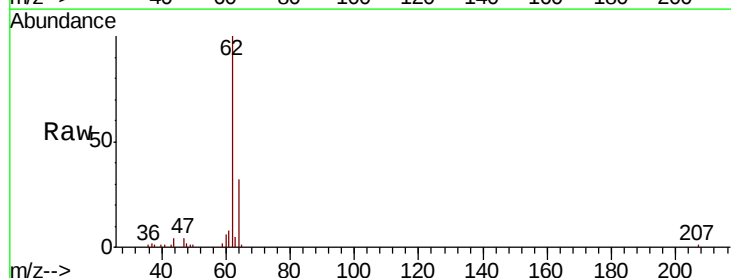
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS02

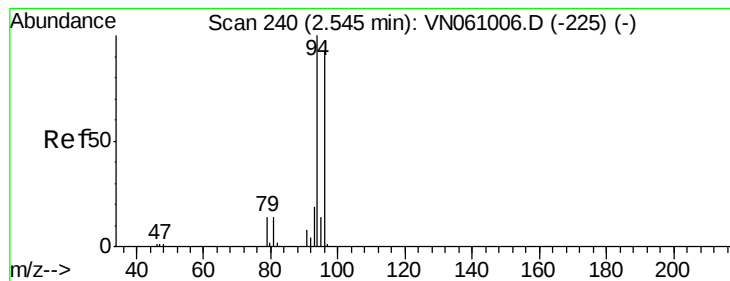
Tot Ion: 50 Resp: 52043
Ion Ratio Lower Upper
50 100
52 32.4 25.6 38.4



#4
Vinyl Chloride
Concen: 18.883 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

Tgt Ion: 62 Resp: 43461
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5

Bromomethane

Concen: 18.002 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

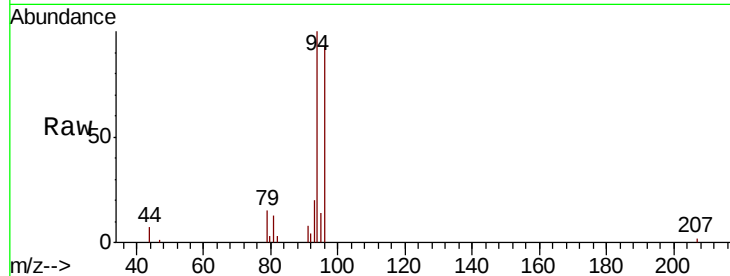
VN0417WBS02

Tot Ion: 94 Resp: 20778

Ion Ratio Lower Upper

94 100

96 92.6 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.55

12000

10000

8000

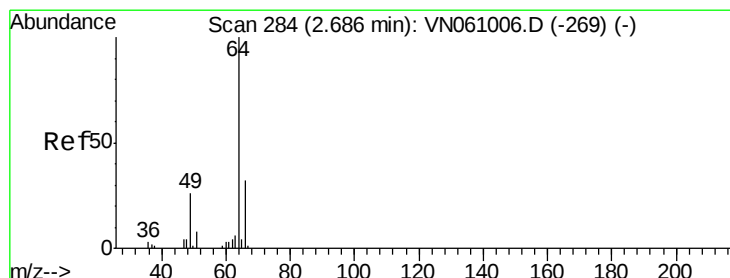
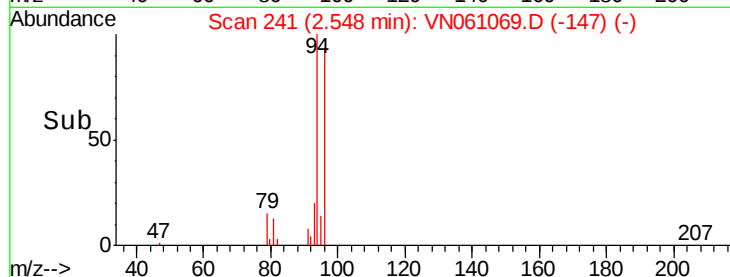
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 19.680 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN061069.D

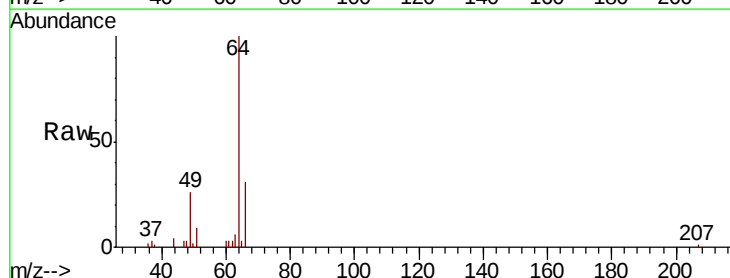
Acq: 17 Apr 2020 22:57

Tgt Ion: 64 Resp: 26129

Ion Ratio Lower Upper

64 100

66 31.1 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.69

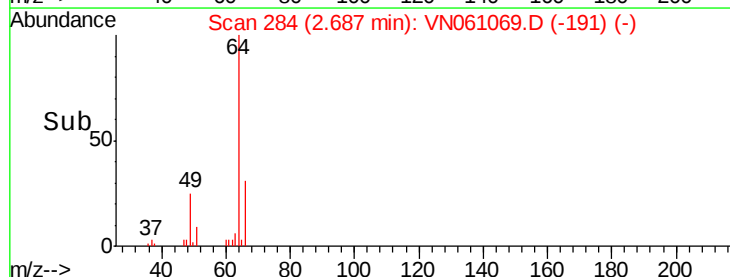
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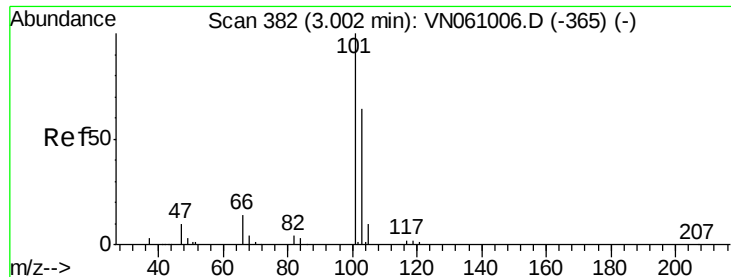
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Time-->



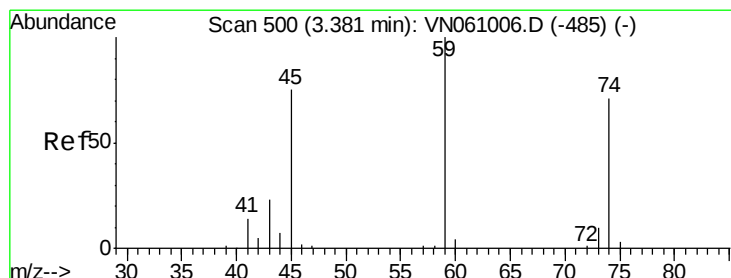
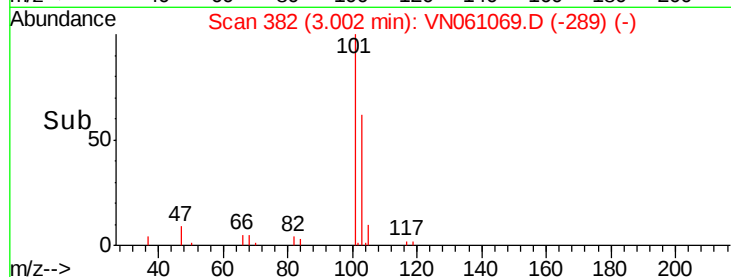
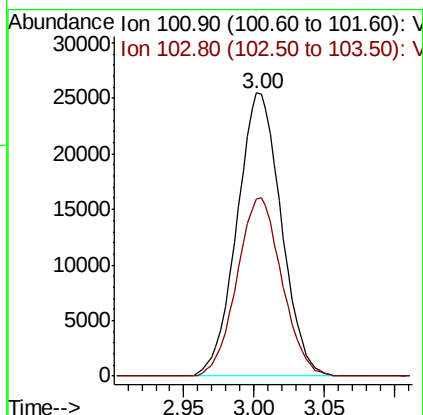
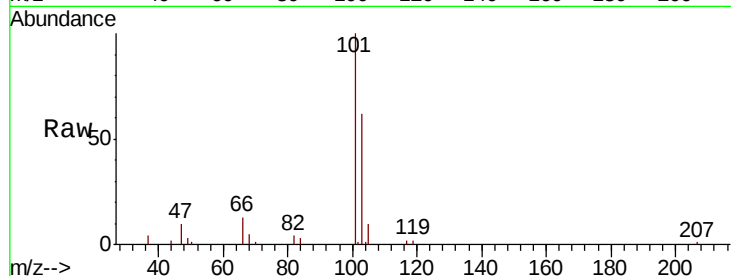


#7

Trichlorofluoromethane
 Concen: 19.521 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS02

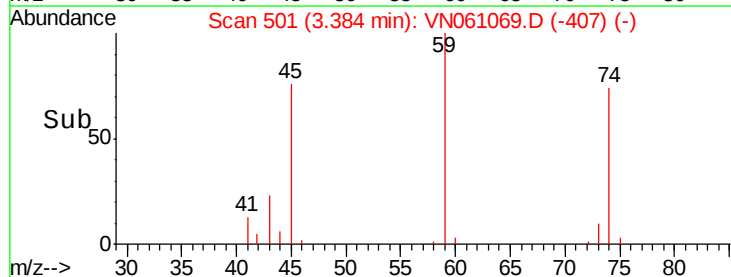
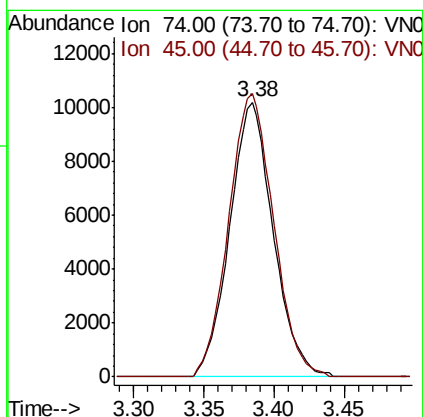
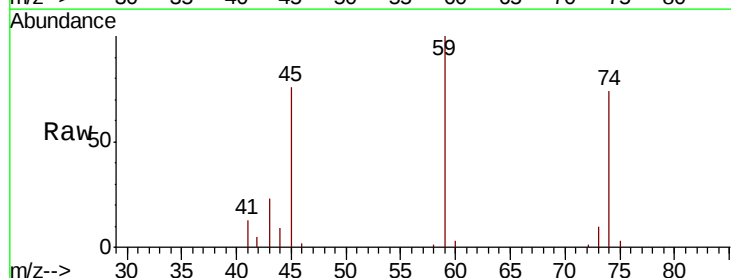
Tot Ion:101 Resp: 55936
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.4 77.2

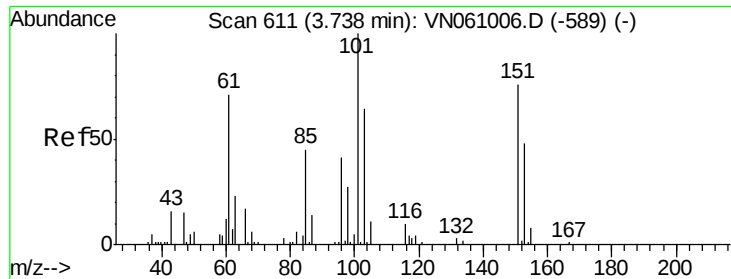


#8

Diethyl Ether
 Concen: 19.301 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

Tgt Ion: 74 Resp: 21981
 Ion Ratio Lower Upper
 74 100
 45 106.1 52.9 158.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.274 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Instrument :

MSVOA_N

ClientSampled :

VN0417WBS02

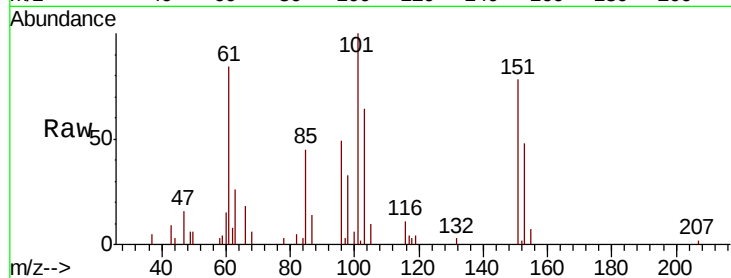
Tot Ion:101 Resp: 30720

Ion Ratio Lower Upper

101 100

85 43.9 35.9 53.9

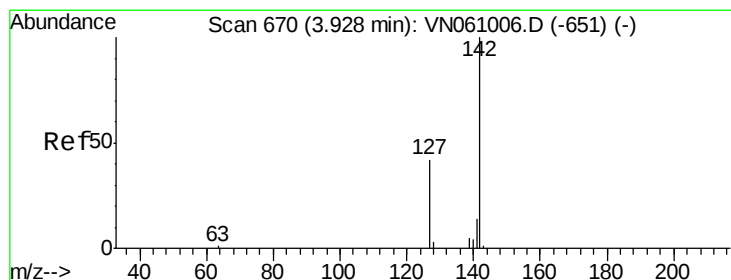
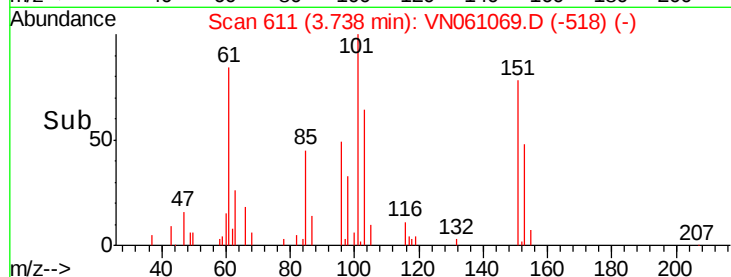
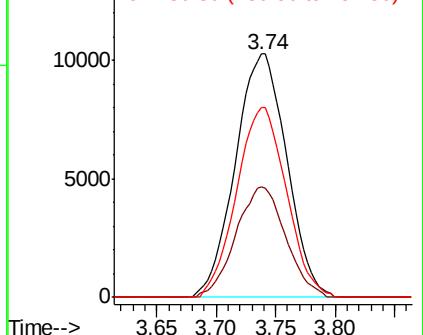
151 75.5 60.8 91.2



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: 20.282 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

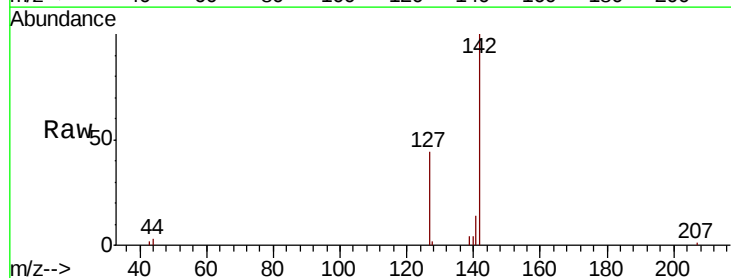
Tgt Ion:142 Resp: 30080

Ion Ratio Lower Upper

142 100

127 43.4 33.4 50.2

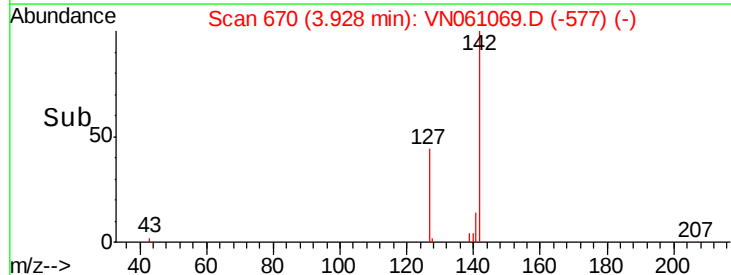
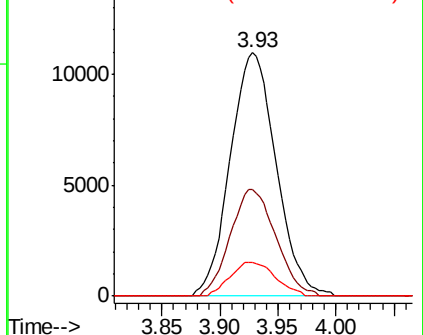
141 13.6 11.0 16.6

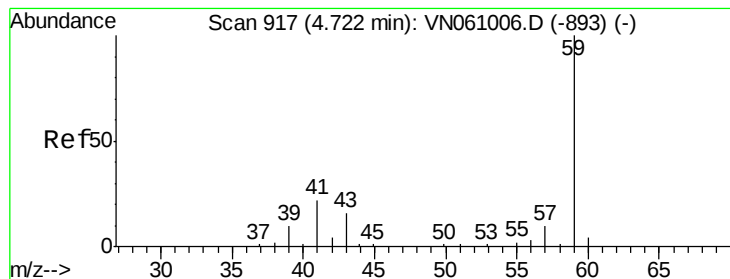


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



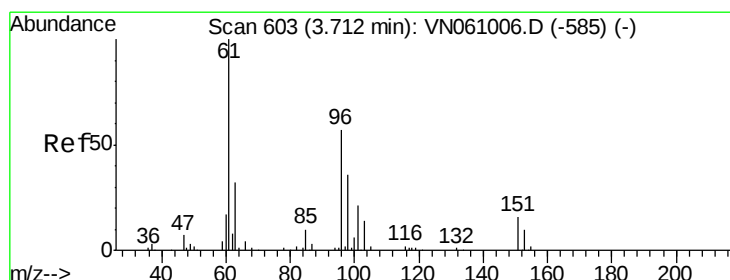
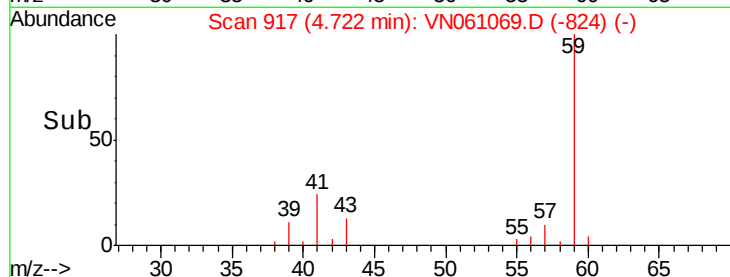
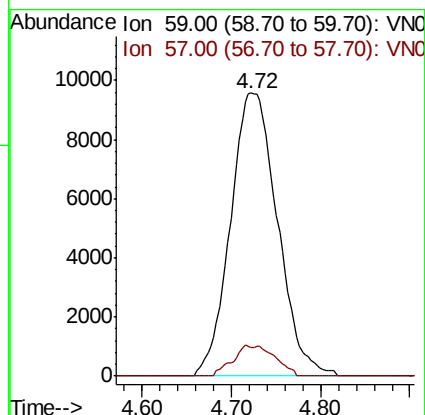
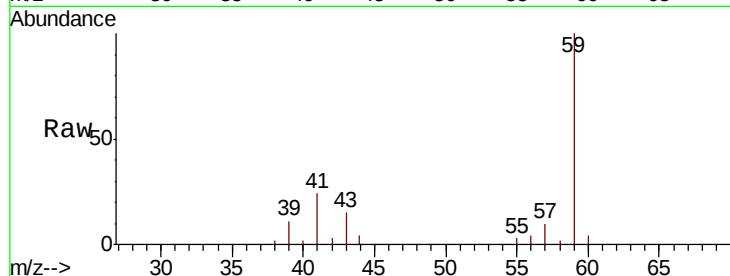


#11

Tert butyl alcohol
 Concen: 98.718 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS02

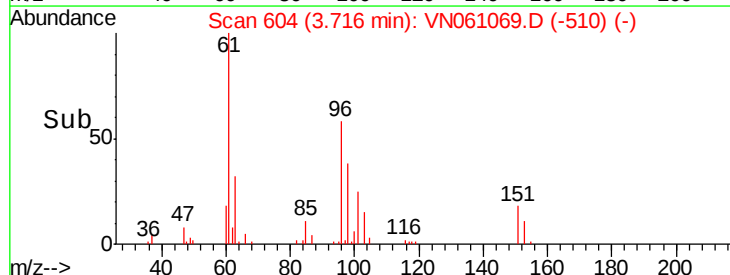
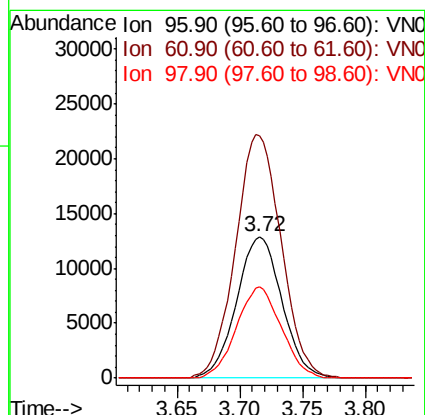
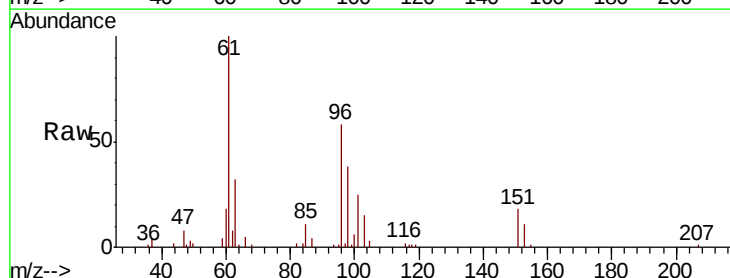
Tot Ion: 59 Resp: 34994
 Ion Ratio Lower Upper
 59 100
 57 4.4 8.1 12.1#

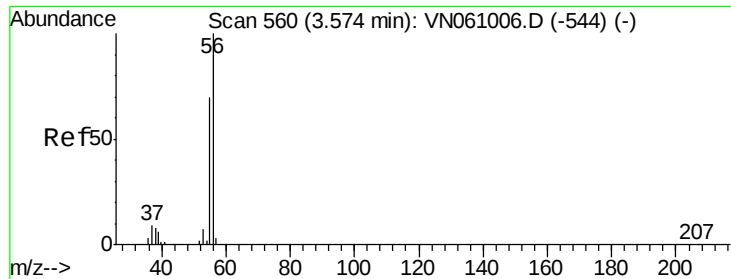


#12

1,1-Dichloroethene
 Concen: 18.883 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

Tgt Ion: 96 Resp: 32268
 Ion Ratio Lower Upper
 96 100
 61 171.5 139.2 208.8
 98 64.5 50.0 75.0





#13

Acrolein

Concen: 75.889 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

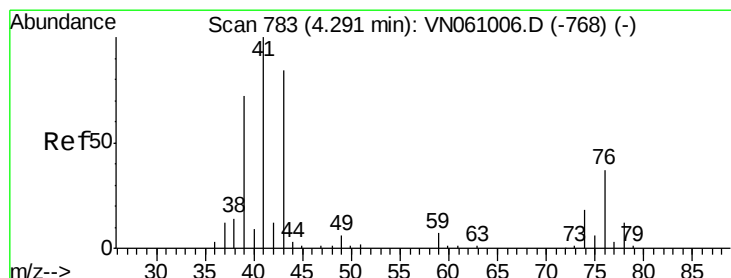
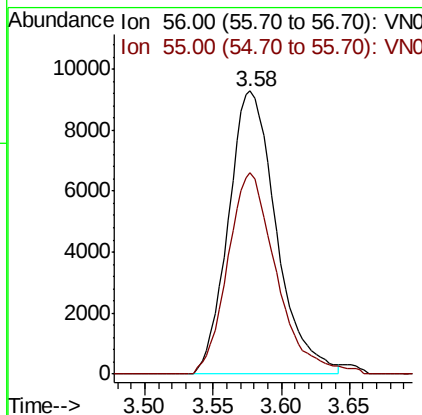
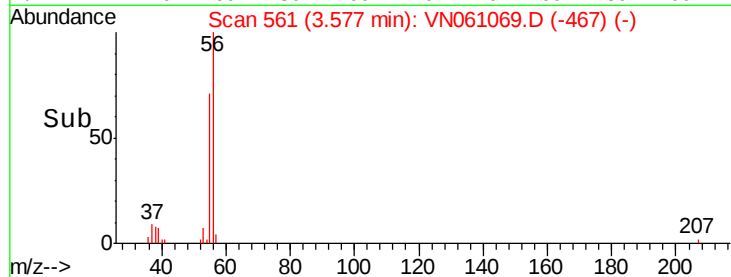
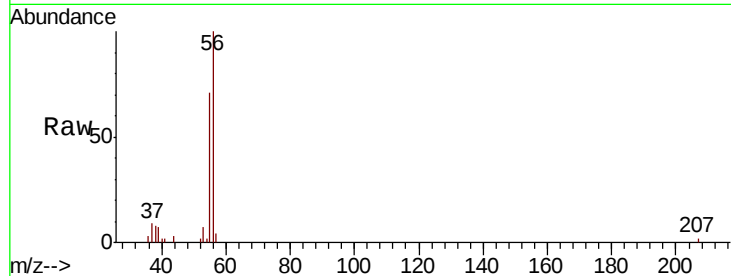
VN0417WBS02

Tot Ion: 56 Resp: 22714

Ion Ratio Lower Upper

56 100

55 72.2 57.0 85.6



#14

Allyl chloride

Concen: 18.185 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

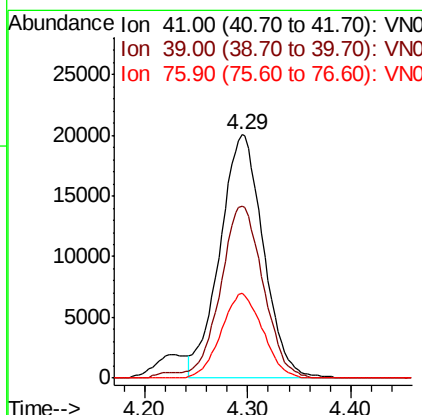
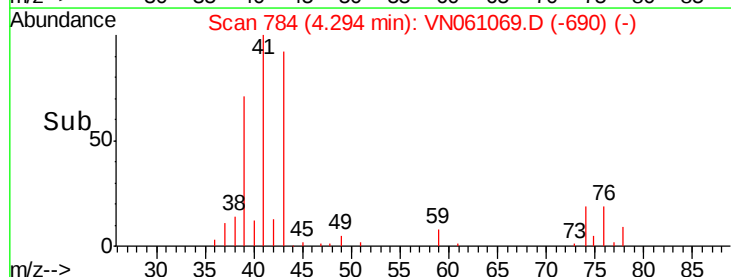
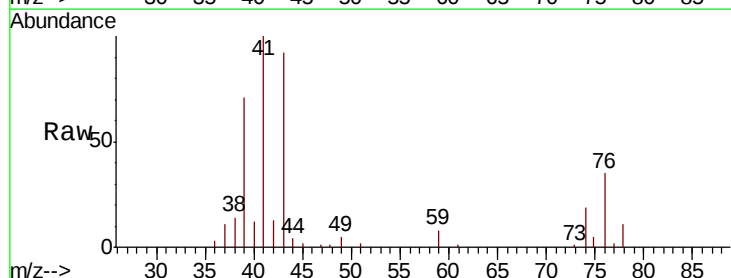
Tgt Ion: 41 Resp: 58798

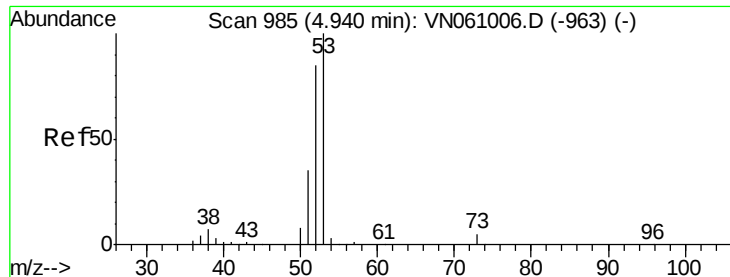
Ion Ratio Lower Upper

41 100

39 69.6 56.3 84.5

76 33.1 27.7 41.5





#15

Acrylonitrile

Concen: 102.032 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS02

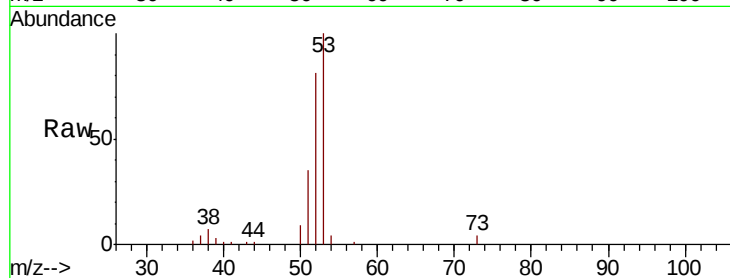
Tot Ion: 53 Resp: 98067

Ion Ratio Lower Upper

53 100

52 82.6 66.8 100.2

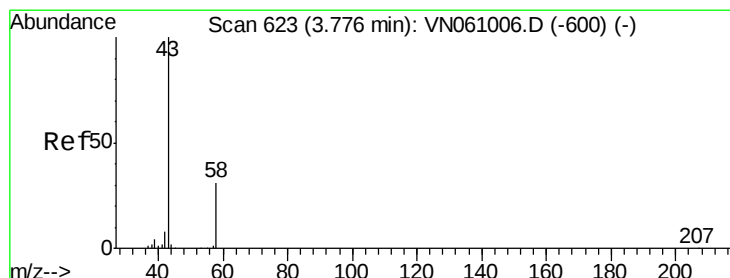
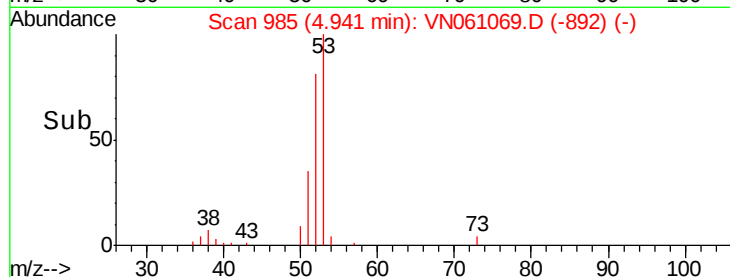
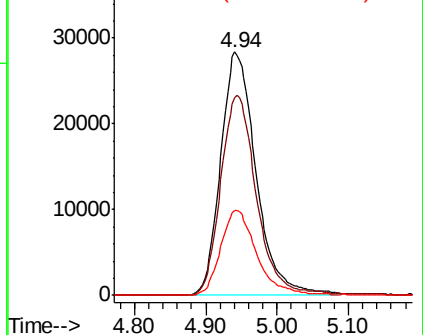
51 35.5 28.9 43.3



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: 92.730 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061069.D

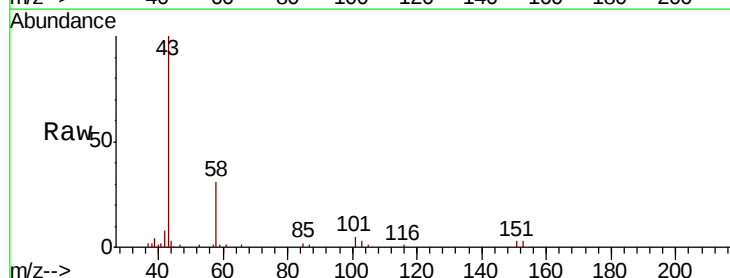
Acq: 17 Apr 2020 22:57

Tgt Ion: 43 Resp: 81545

Ion Ratio Lower Upper

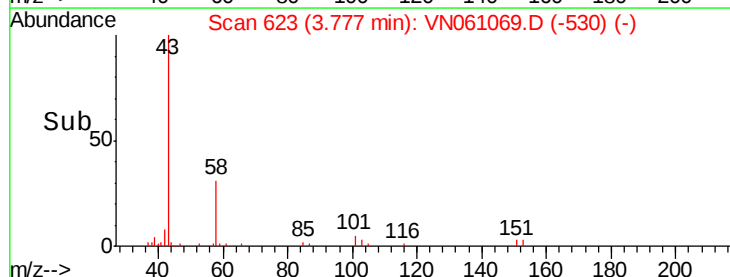
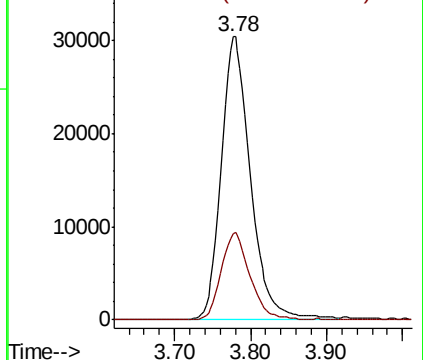
43 100

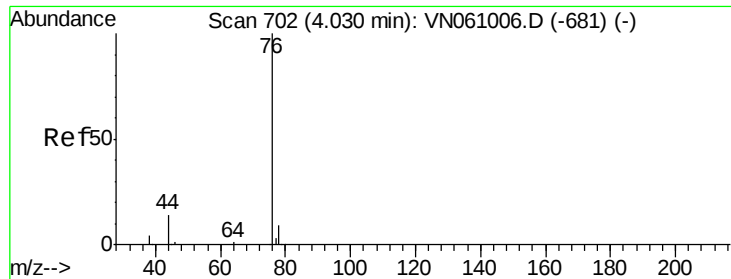
58 30.5 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

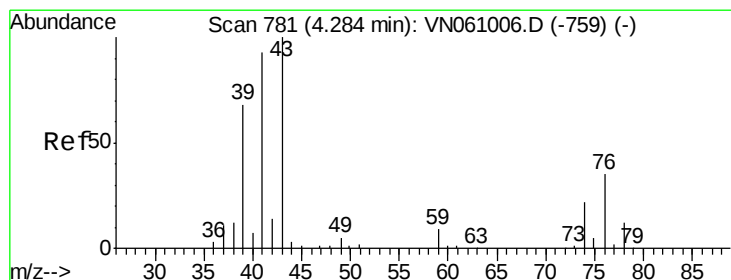
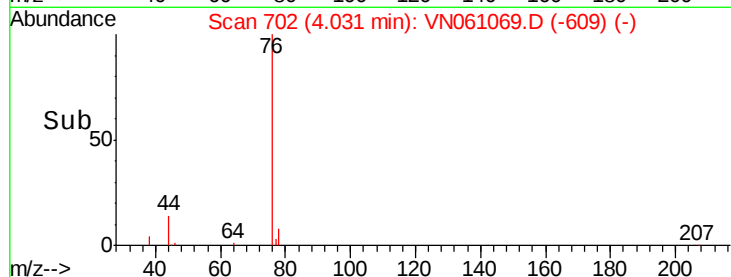
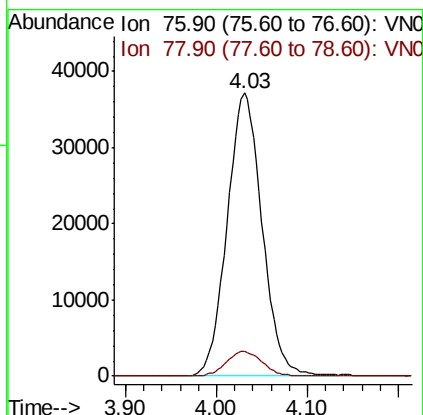
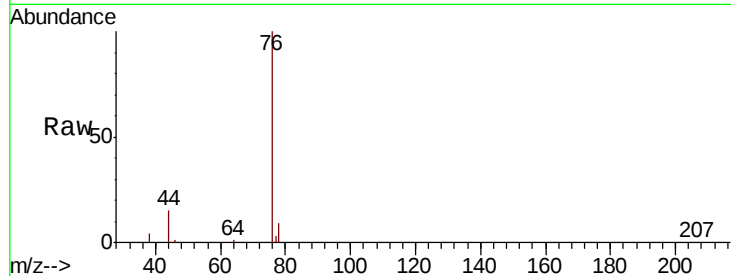




#17
Carbon Disulfide
Concen: 18.527 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

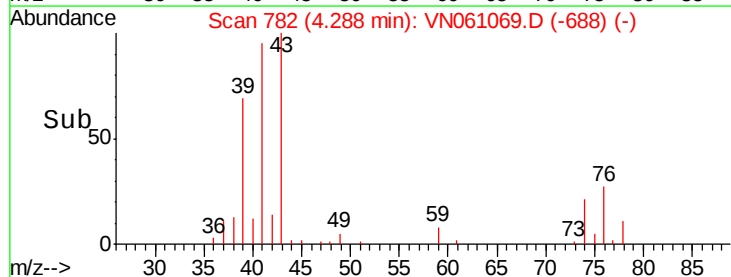
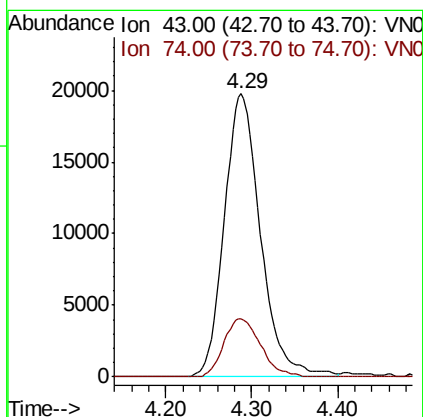
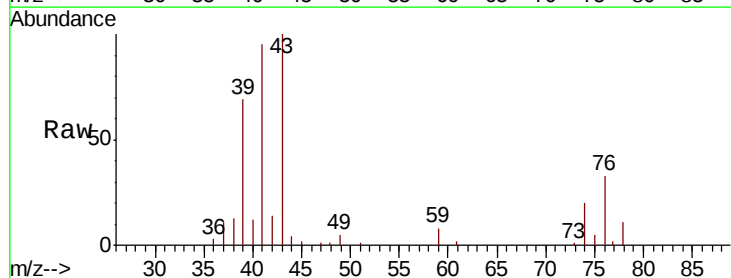
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS02

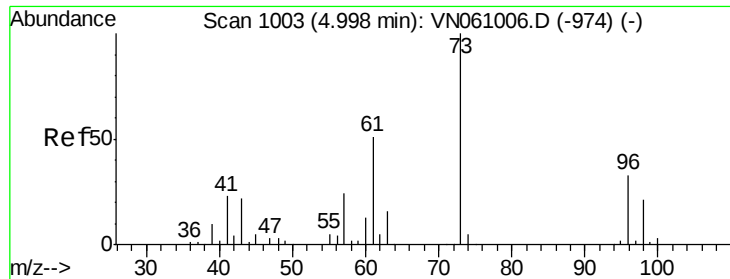
Tot Ion: 76 Resp: 99070
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4



#18
Methyl Acetate
Concen: 20.989 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

Tgt Ion: 43 Resp: 57877
Ion Ratio Lower Upper
43 100
74 20.8 17.4 26.0

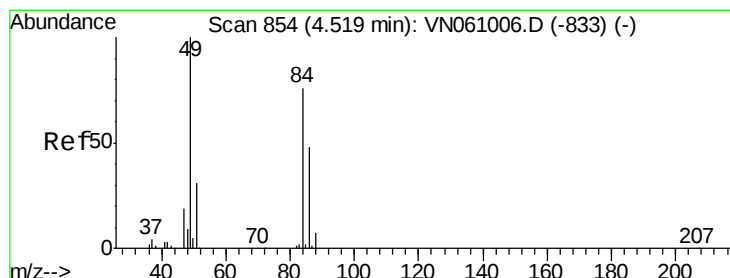
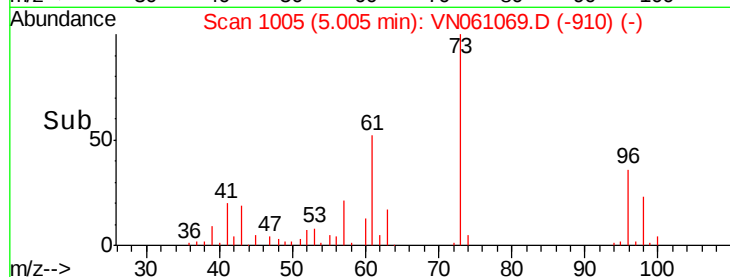
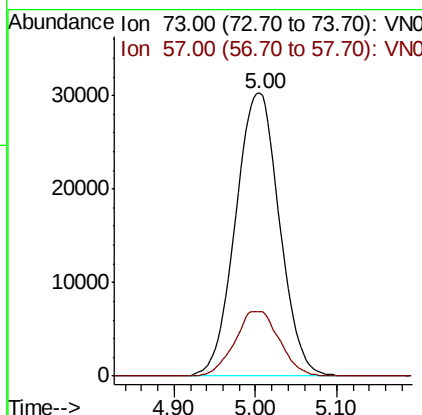
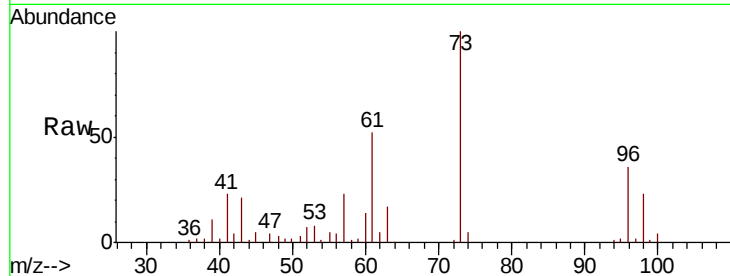




#19
Methvl tert-butvl Ether
Concen: 18.949 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

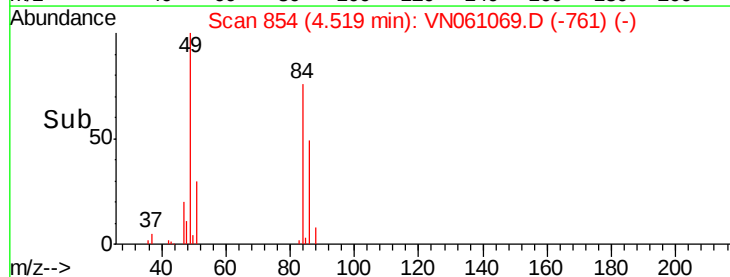
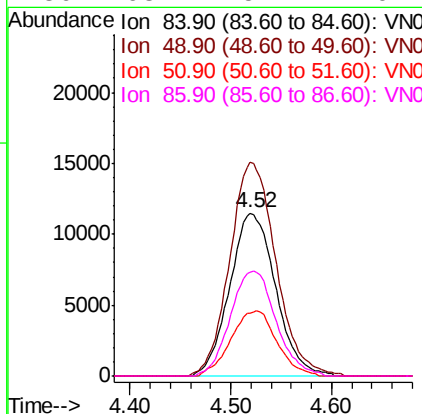
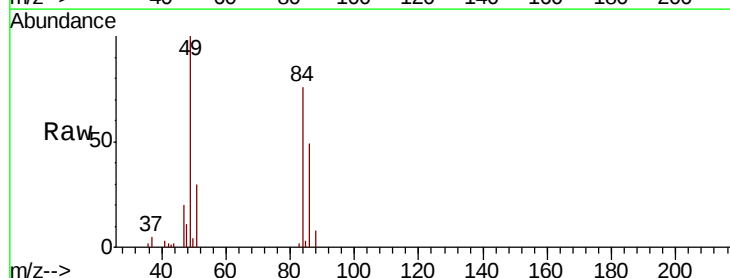
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS02

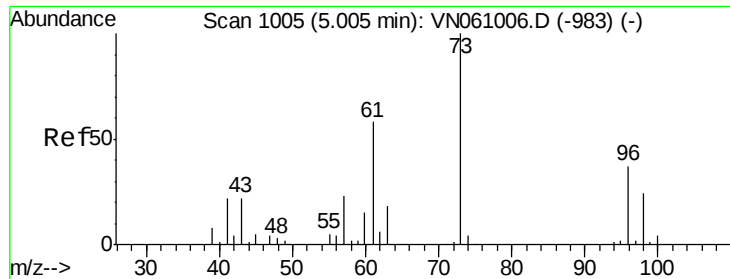
Tot Ion: 73 Resp: 112908
Ion Ratio Lower Upper
73 100
57 22.9 19.0 28.4



#20
Methylene Chloride
Concen: 18.947 ug/l
RT: 4.52 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

Tgt Ion: 84 Resp: 36379
Ion Ratio Lower Upper
84 100
49 131.1 105.8 158.6
51 38.9 32.4 48.6
86 63.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.184 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS02

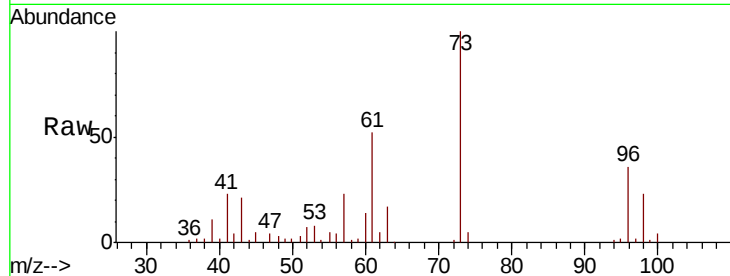
Tot Ion: 96 Resp: 35063

Ion Ratio Lower Upper

96 100

61 147.3 124.8 187.2

98 63.9 51.3 76.9

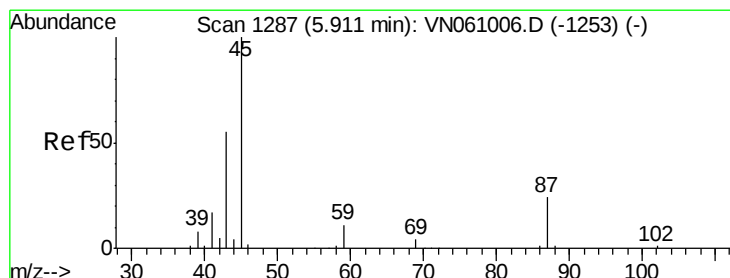
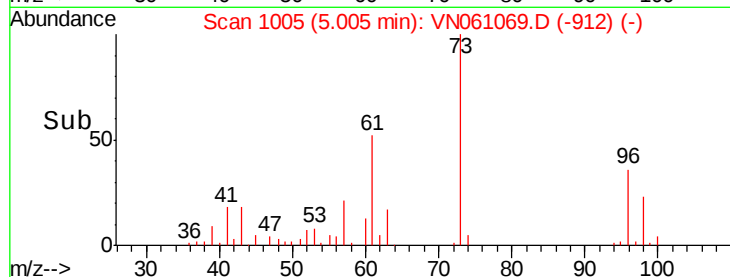
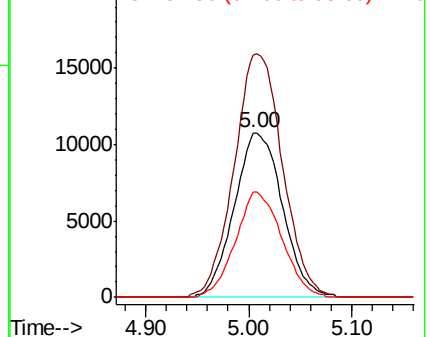


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.151 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Tgt Ion: 45 Resp: 128604

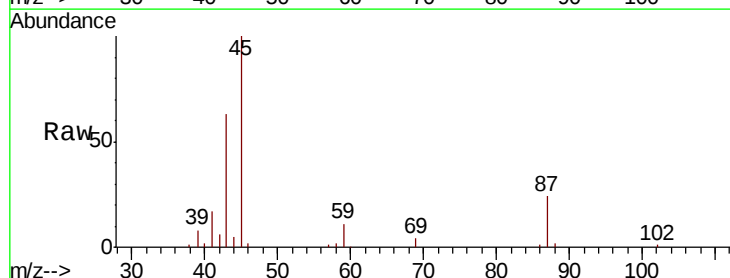
Ion Ratio Lower Upper

45 100

43 61.2 48.6 72.8

87 24.4 19.4 29.2

59 11.2 8.6 12.8



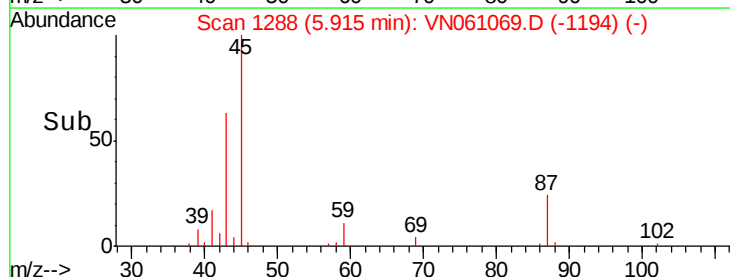
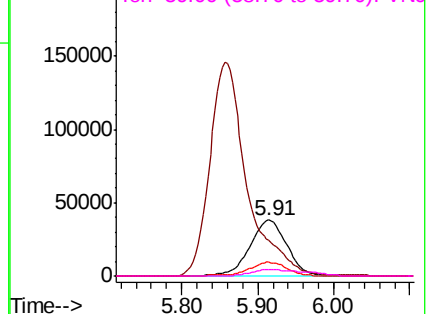
Abundance

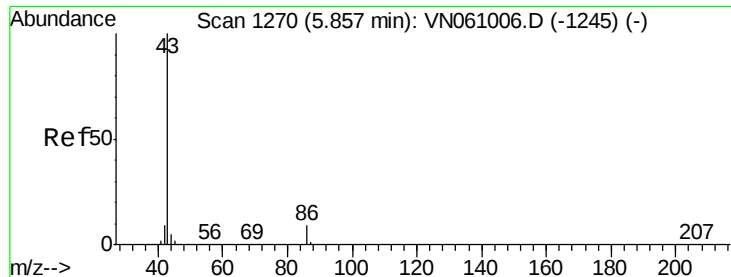
Ion 45.00 (44.70 to 45.70): VN0

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: 94.075 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

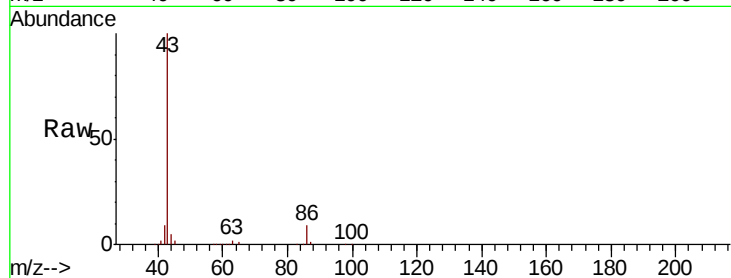
VN0417WBS02

Tot Ion: 43 Resp: 495381

Ion Ratio Lower Upper

43 100

86 9.1 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1245) (-)

Ion 86.00 (85.70 to 86.70): VN061006.D (-1245) (-)

5.86

150000

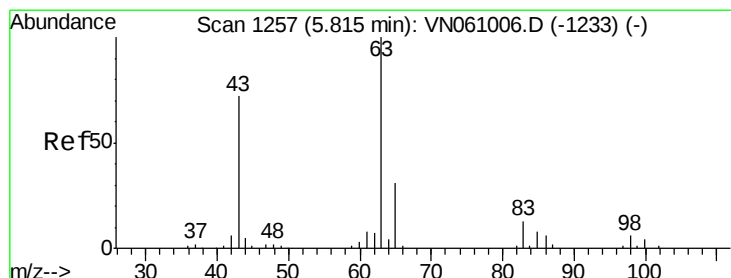
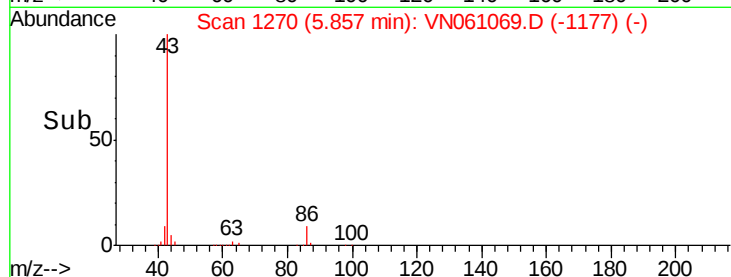
100000

50000

0

Time-->

5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 19.090 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

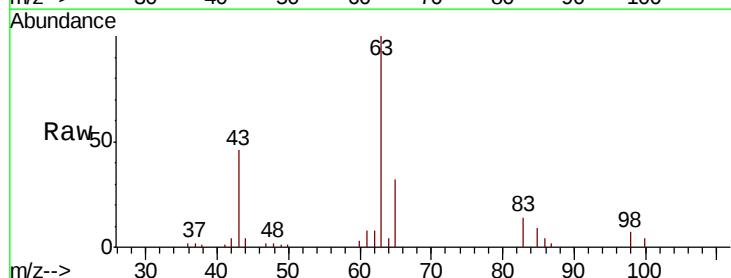
Tgt Ion: 63 Resp: 69235

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

100 3.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN061006.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN061006.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN061006.D (-1233) (-)

5.82

30000

25000

20000

15000

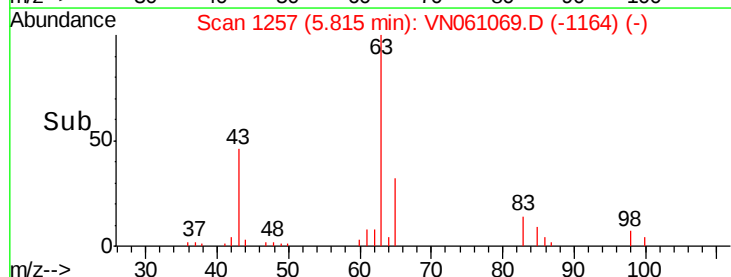
10000

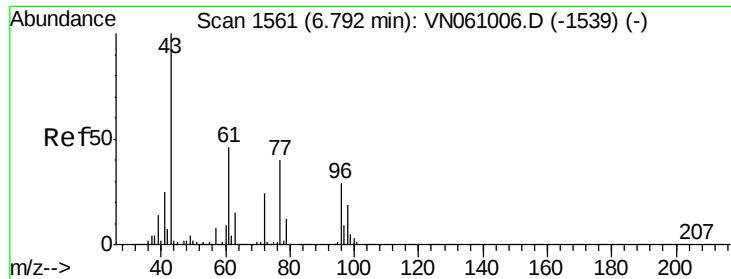
5000

0

Time-->

5.70 5.80 5.90





#25

2-Butanone

Concen: 98.009 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

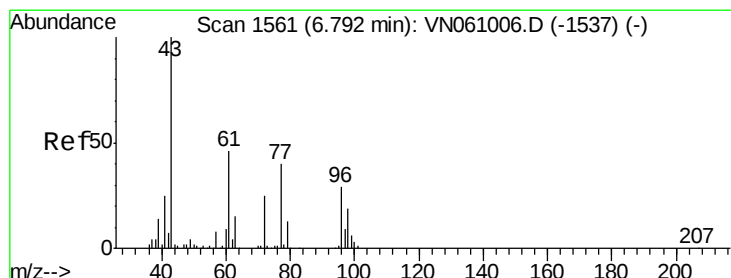
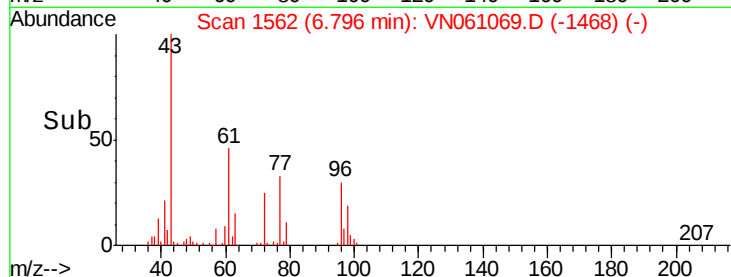
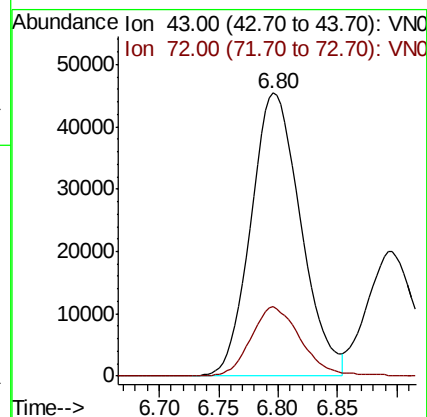
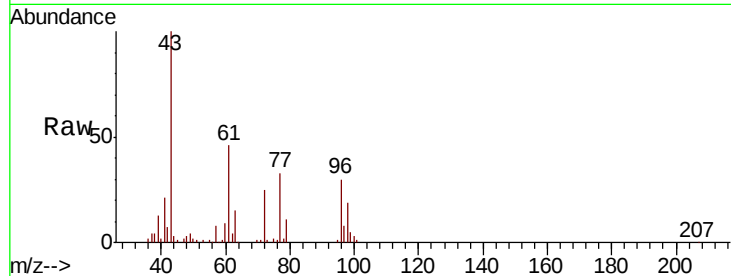
VN0417WBS02

Tot Ion: 43 Resp: 132071

Ion Ratio Lower Upper

43 100

72 24.5 19.6 29.4



#26

2,2-Dichloropropane

Concen: 16.125 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.00 min

Lab File: VN061069.D

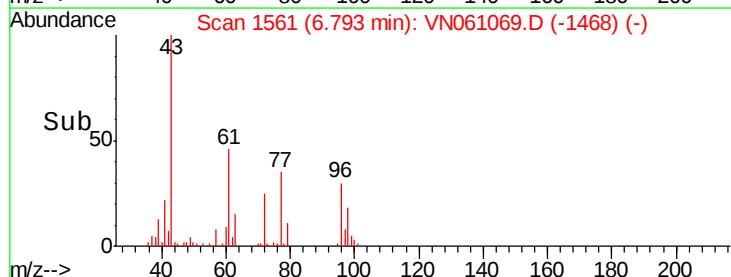
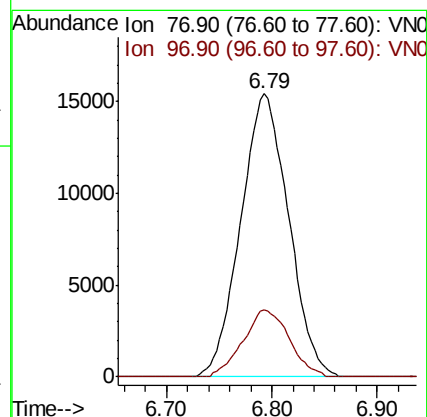
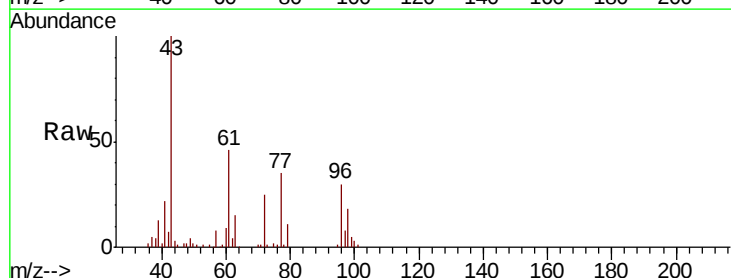
Acq: 17 Apr 2020 22:57

Tgt Ion: 77 Resp: 48693

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.6

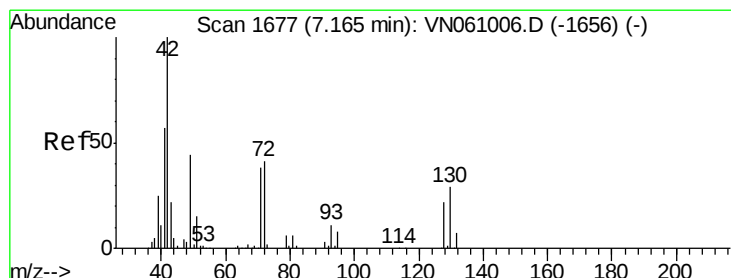
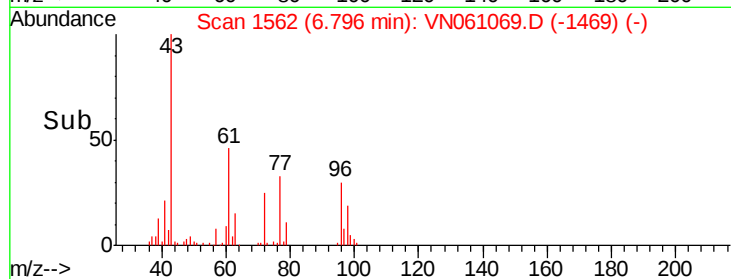
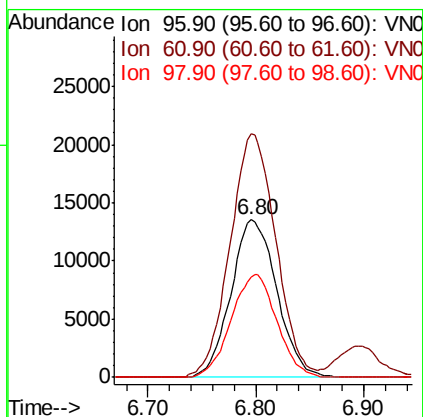
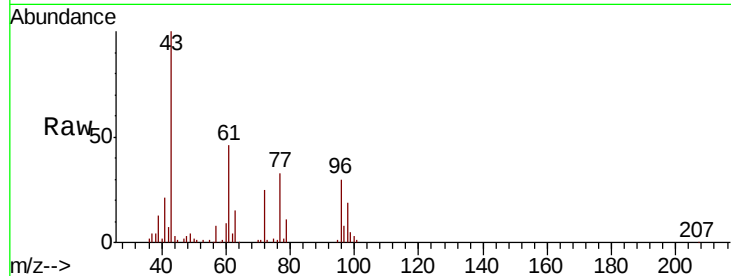




#27
 cis-1,2-Dichloroethene
 Concen: 19.041 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

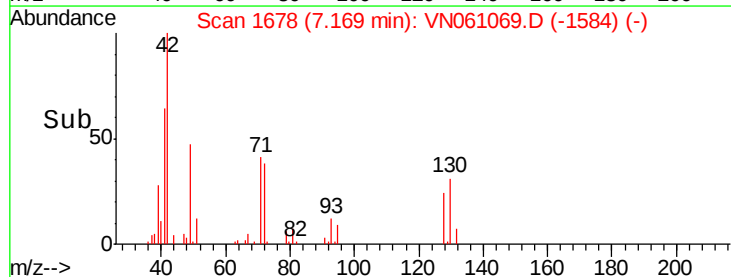
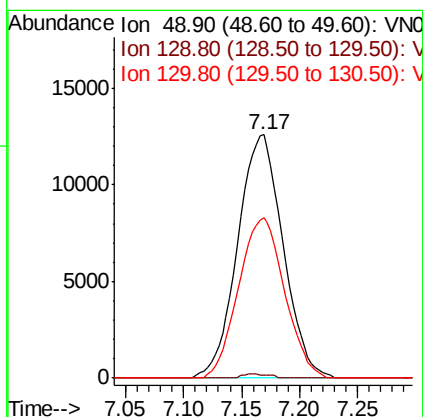
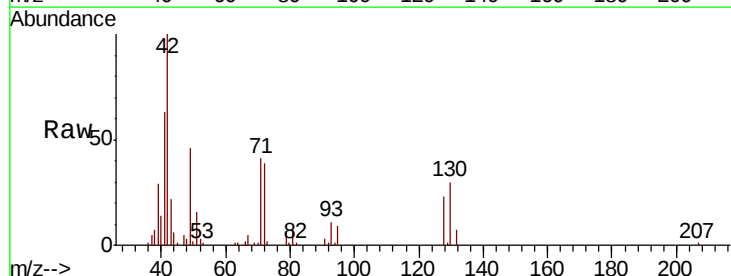
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS02

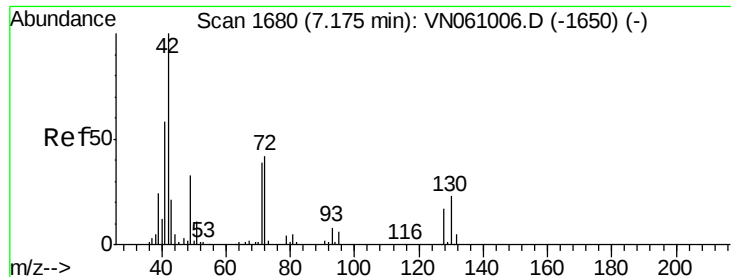
Tot Ion: 96 Resp: 39955
 Ion Ratio Lower Upper
 96 100
 61 154.9 0.0 317.4
 98 65.0 0.0 127.8



#28
 Bromochloromethane
 Concen: 20.617 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

Tgt Ion: 49 Resp: 34324
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 3.0
 130 66.4 52.9 79.3

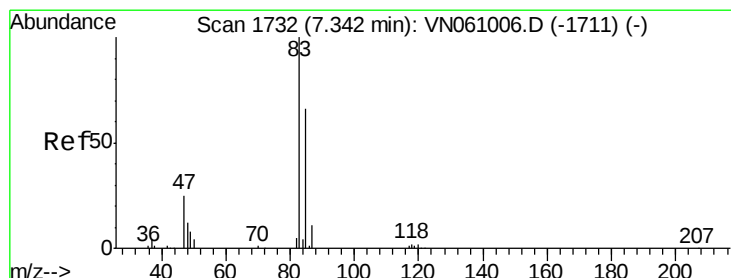
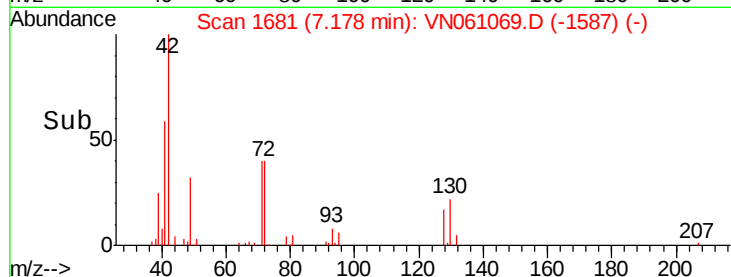
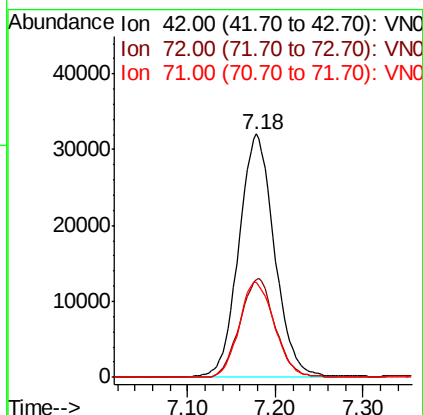
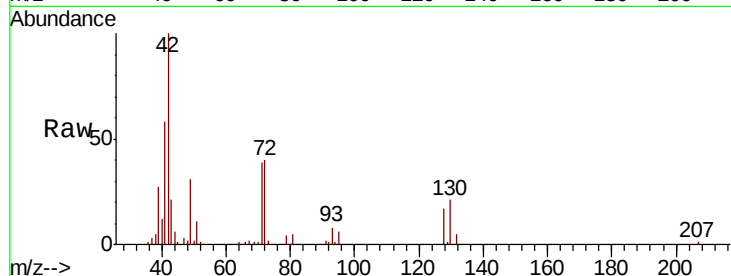




#29
Tetrahydrofuran
Concen: 99.198 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

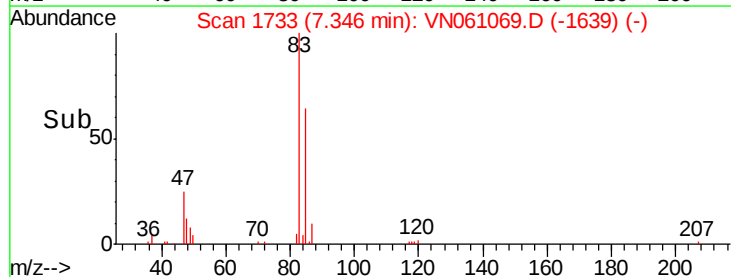
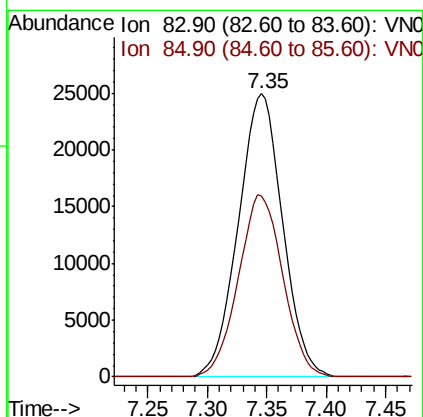
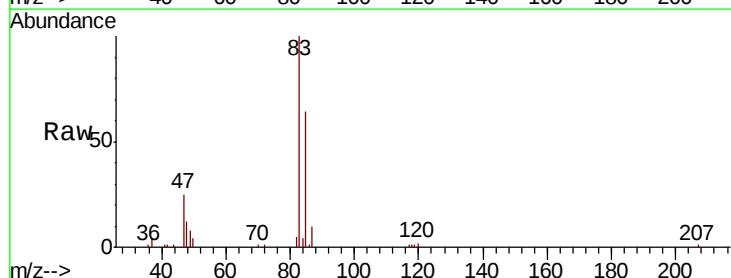
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS02

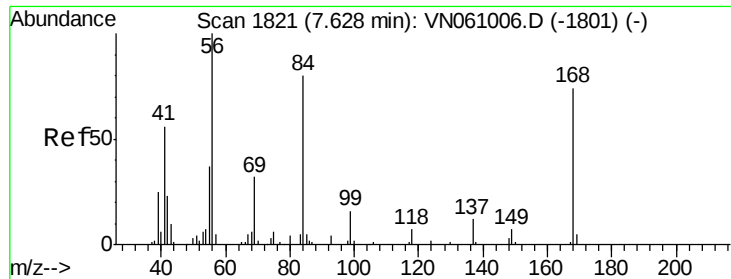
Tot Ion: 42 Resp: 90749
Ion Ratio Lower Upper
42 100
72 40.0 32.1 48.1
71 38.6 30.5 45.7



#30
Chloroform
Concen: 19.042 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

Tgt Ion: 83 Resp: 64417
Ion Ratio Lower Upper
83 100
85 64.0 52.8 79.2

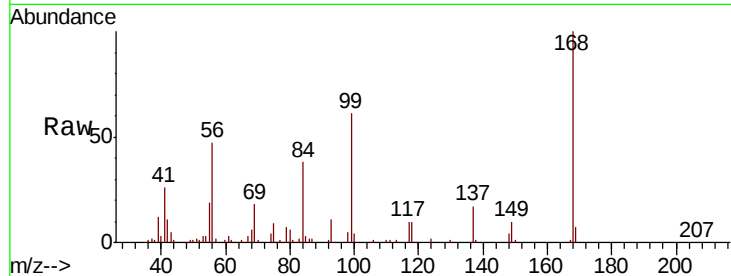




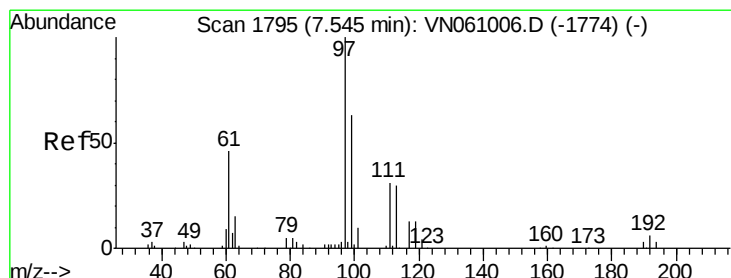
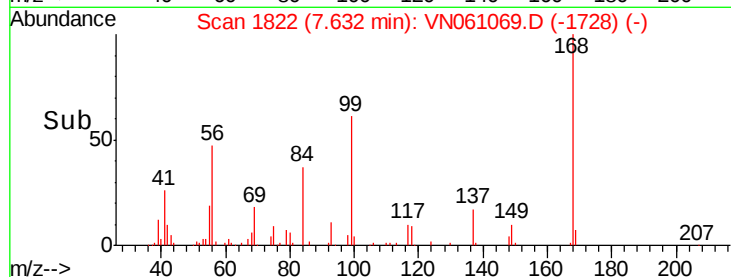
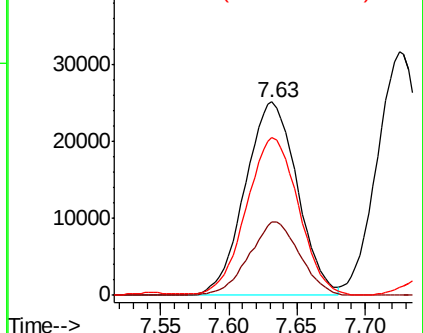
#31
Cyclohexane
Concen: 17.963 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS02

Tot Ion: 56 Resp: 66851
Ion Ratio Lower Upper
56 100
69 37.9 25.6 38.4
84 80.8 63.4 95.2

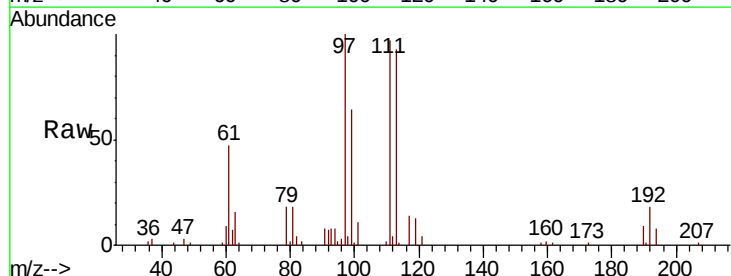


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

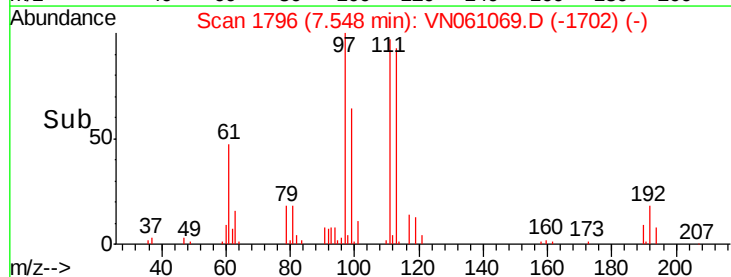
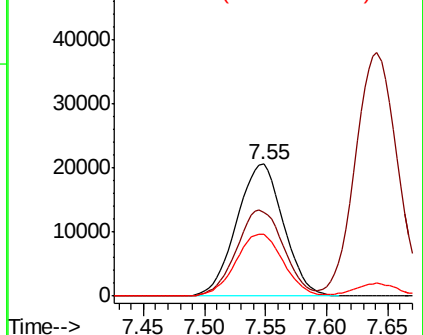


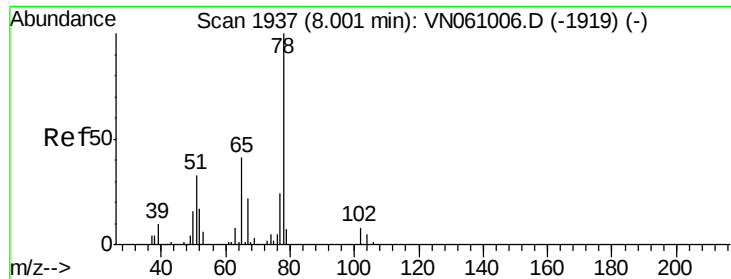
#32
1,1,1-Trichloroethane
Concen: 18.744 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

Tgt Ion: 97 Resp: 54846
Ion Ratio Lower Upper
97 100
99 65.5 51.0 76.4
61 47.5 37.0 55.6



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: 50.536 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

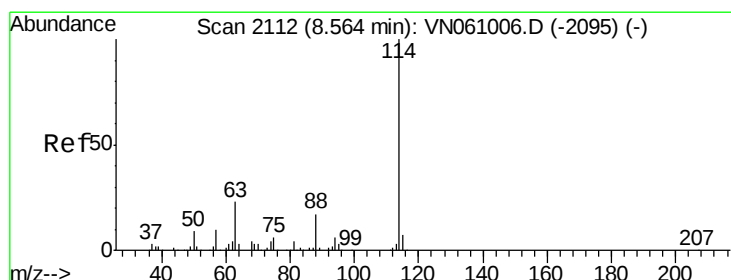
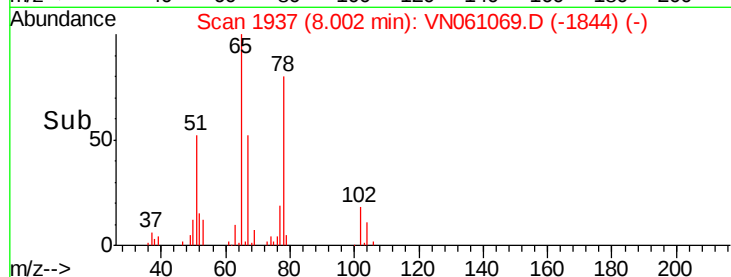
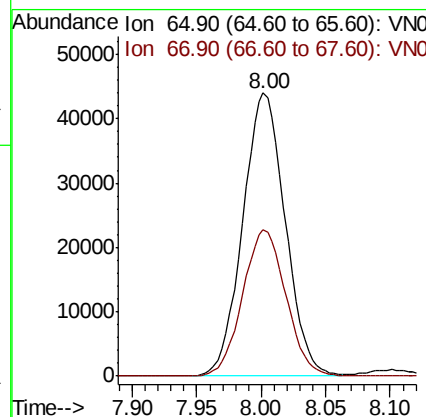
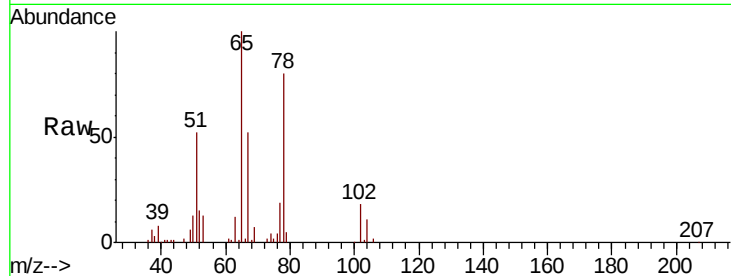
VN0417WBS02

Tot Ion: 65 Resp: 100967

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

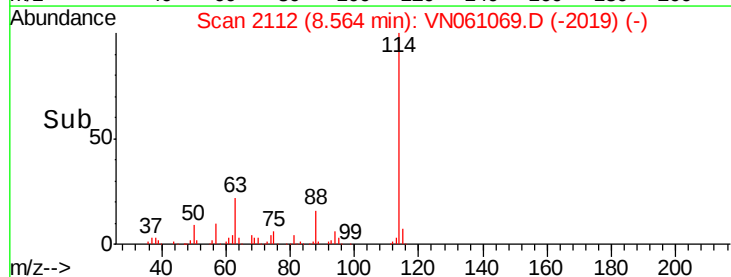
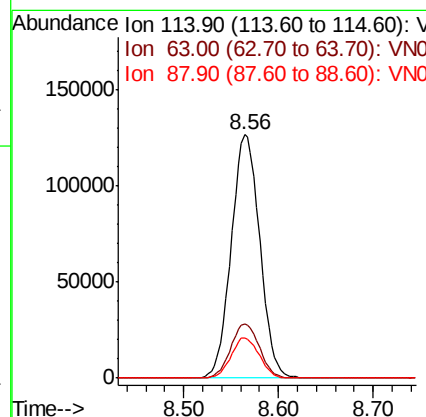
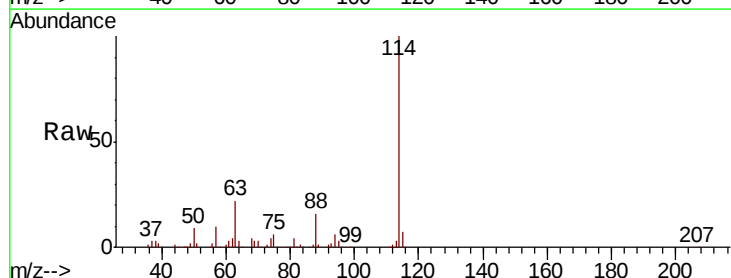
Tgt Ion: 114 Resp: 265457

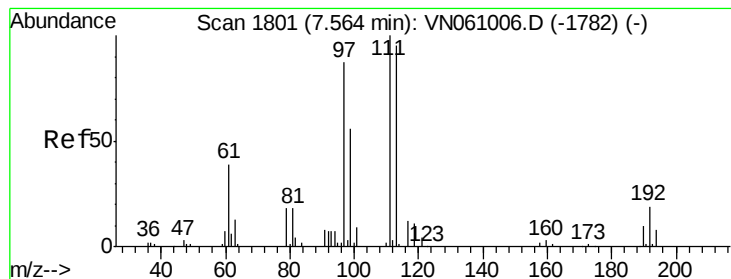
Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.2

88 16.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.145 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS02

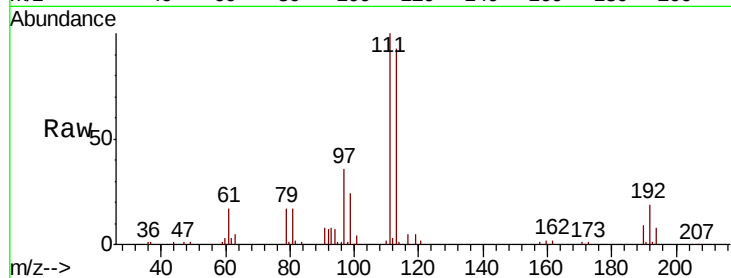
Tot Ion:113 Resp: 76187

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

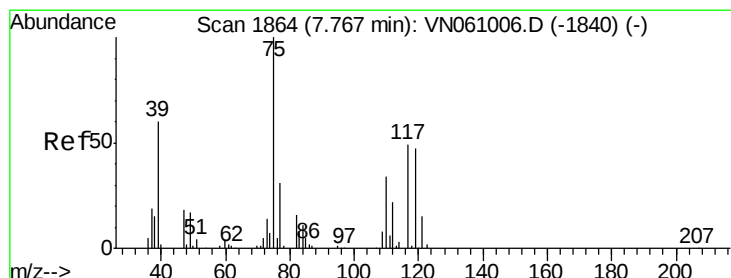
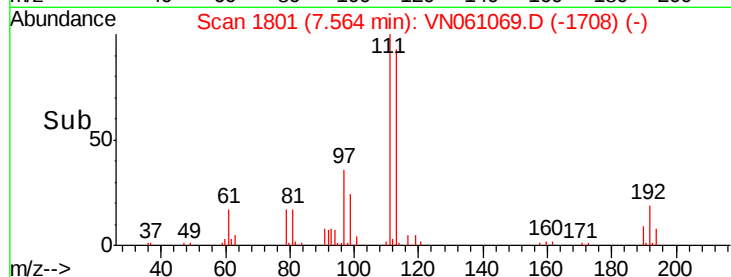
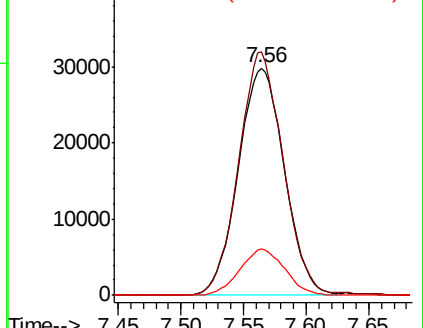
192 19.8 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.400 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

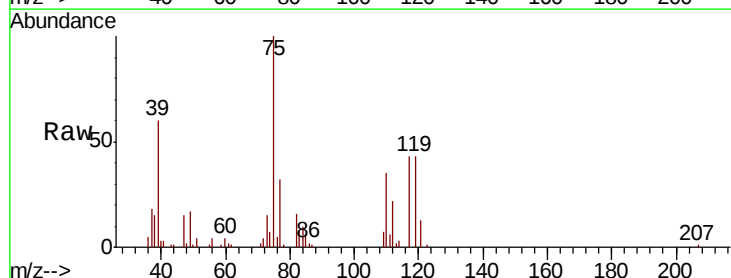
Tgt Ion: 75 Resp: 50404

Ion Ratio Lower Upper

75 100

110 33.9 16.8 50.3

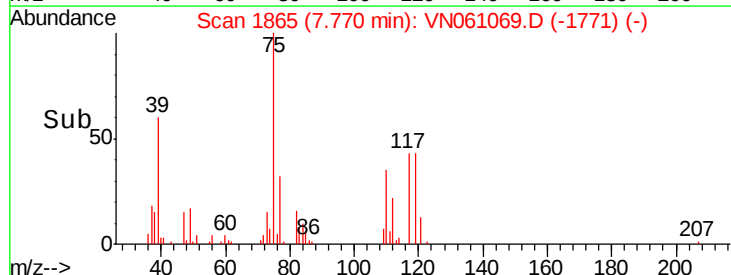
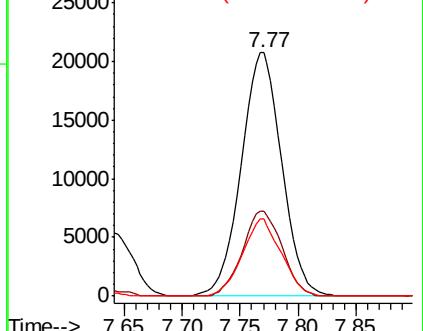
77 30.4 24.7 37.1

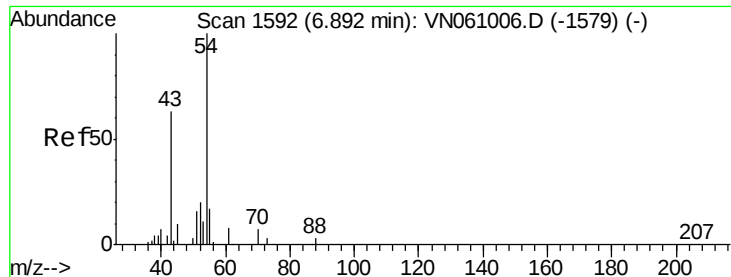


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

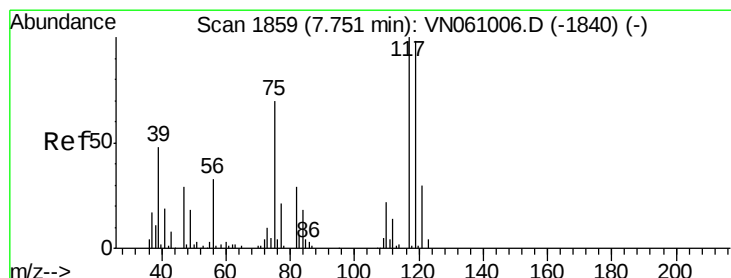
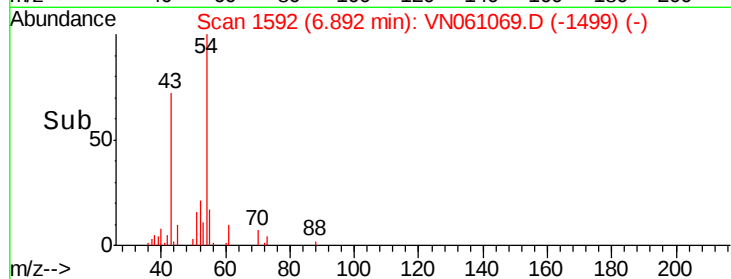
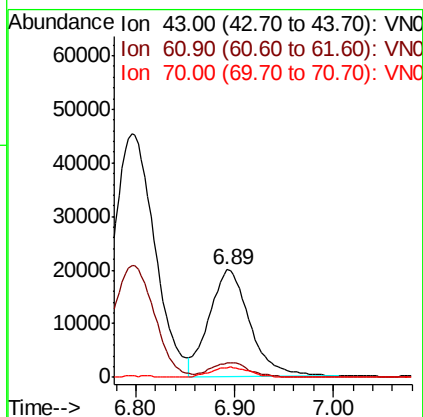
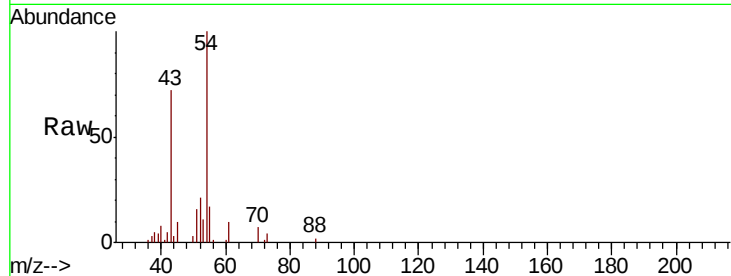




#37
Ethyl Acetate
Concen: 19.257 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

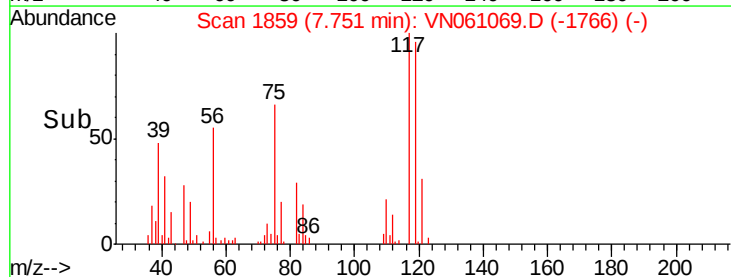
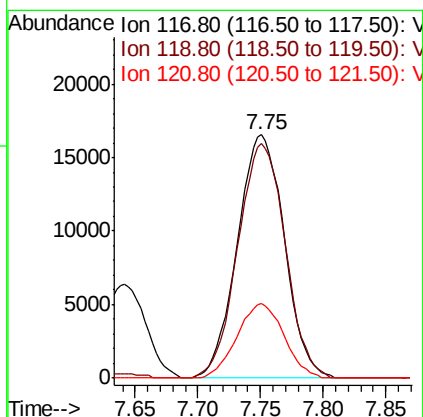
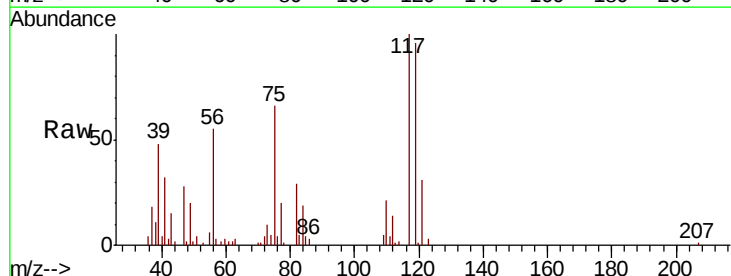
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS02

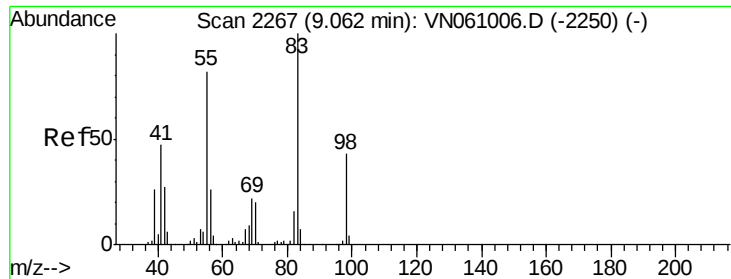
Tot Ion: 43 Resp: 57279
Ion Ratio Lower Upper
43 100
61 13.0 10.9 16.3
70 8.9 7.7 11.5



#38
Carbon Tetrachloride
Concen: 18.931 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

Tgt Ion: 117 Resp: 43164
Ion Ratio Lower Upper
117 100
119 96.3 78.1 117.1
121 30.7 24.0 36.0

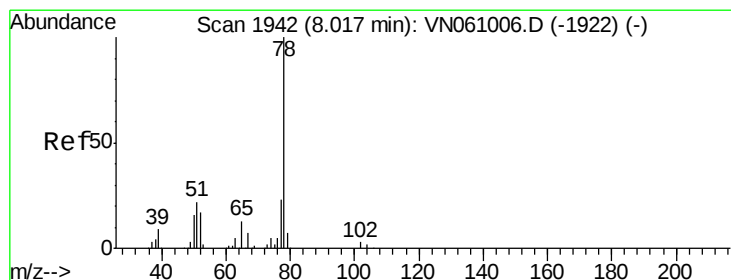
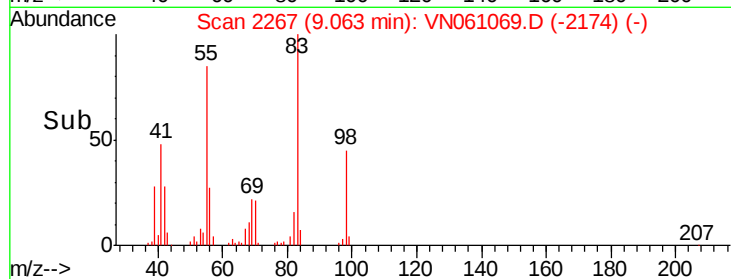
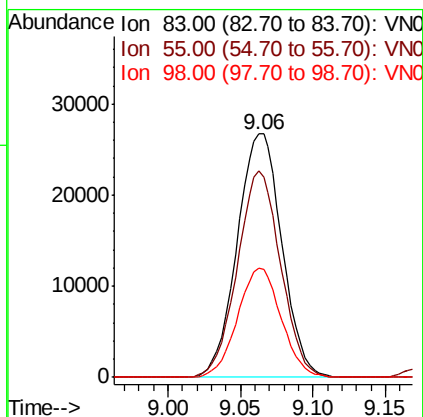
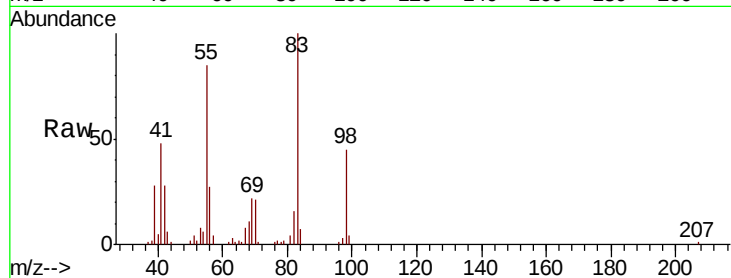




#39
Methvlcvclohexane
Concen: 17.491 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

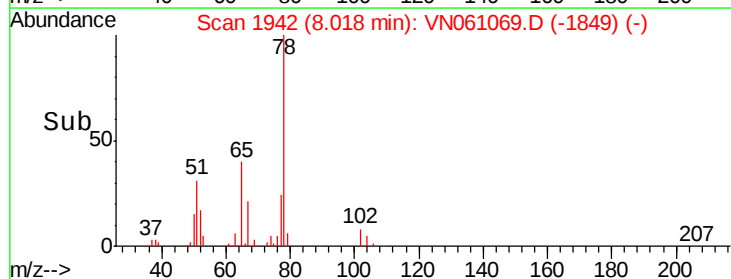
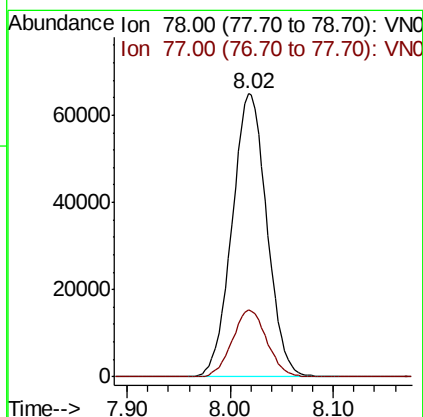
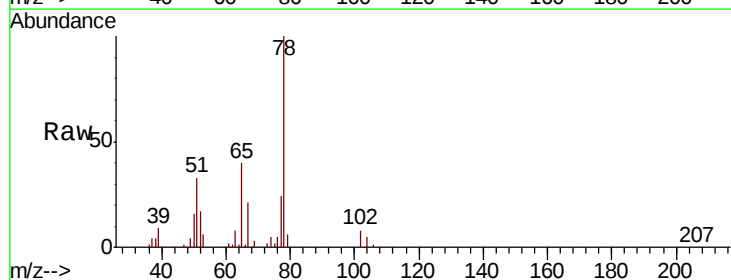
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS02

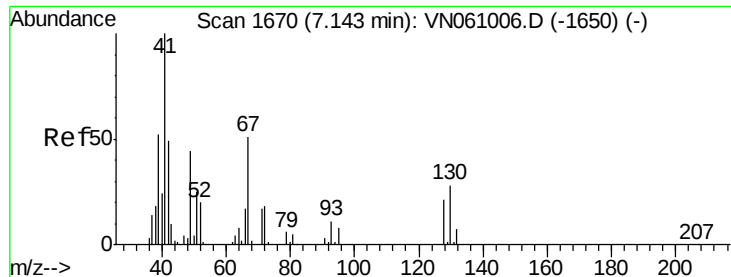
Tot Ion: 83 Resp: 57283
Ion Ratio Lower Upper
83 100
55 84.6 65.4 98.0
98 44.9 34.6 51.8



#40
Benzene
Concen: 18.727 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

Tgt Ion: 78 Resp: 152188
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

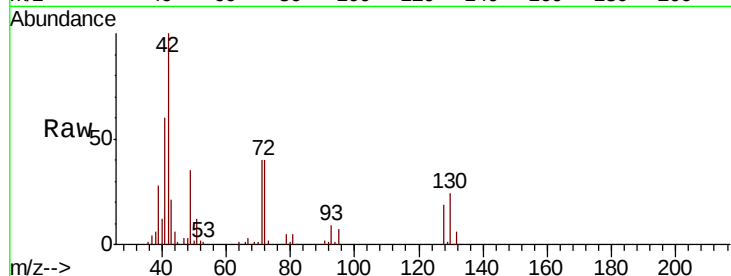




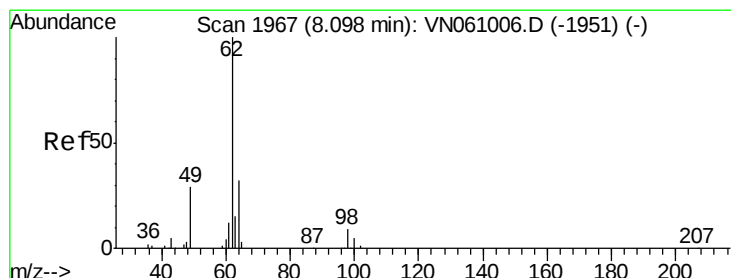
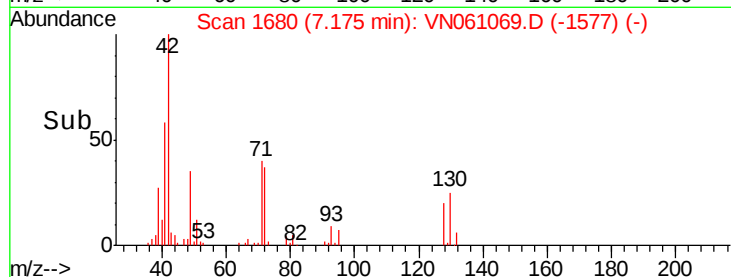
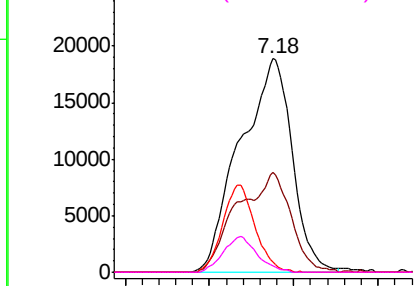
#41
Methacrylonitrile
Concen: 65.045 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS02

Tot Ion:	41	Resp:	80697
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

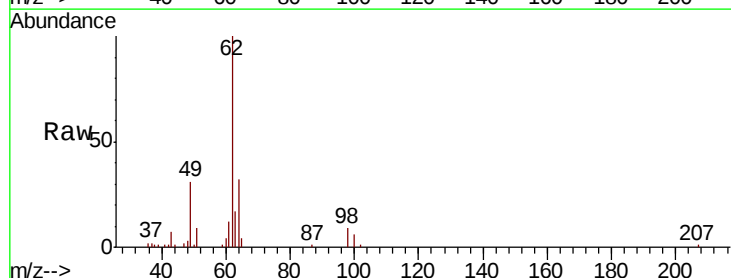


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

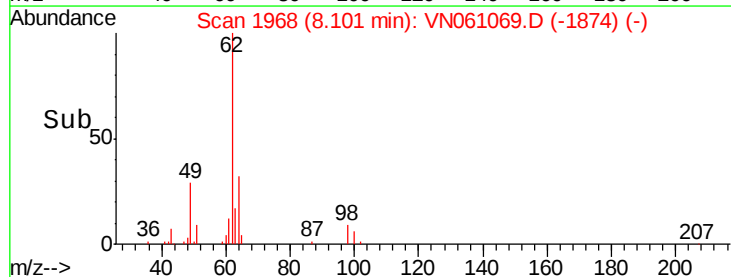
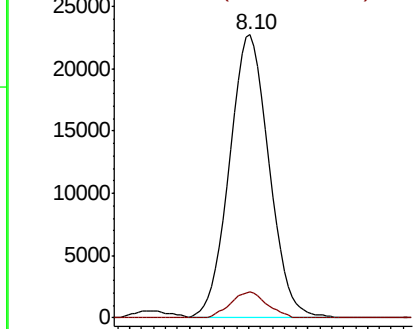


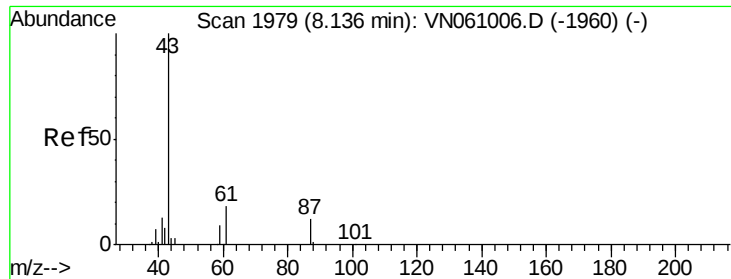
#42
1,2-Dichloroethane
Concen: 18.947 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

Tgt Ion:	62	Resp:	52451
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 19.234 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS02

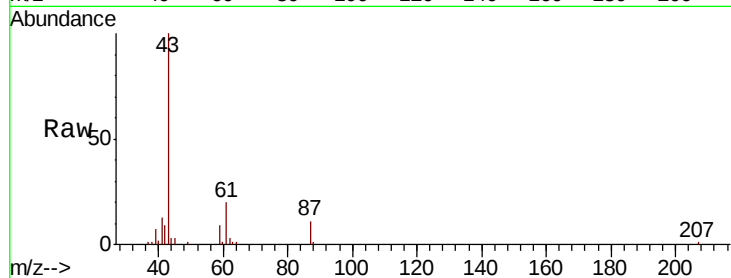
Tot Ion: 43 Resp: 93044

Ion Ratio Lower Upper

43 100

61 25.6 20.3 30.5

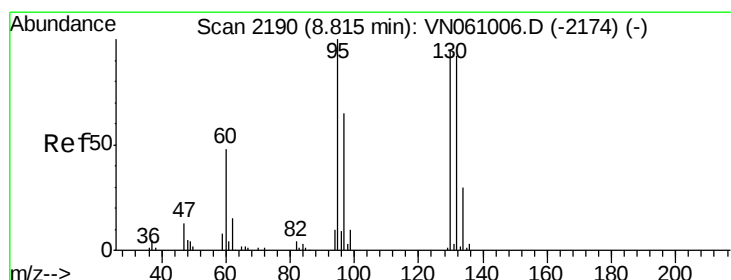
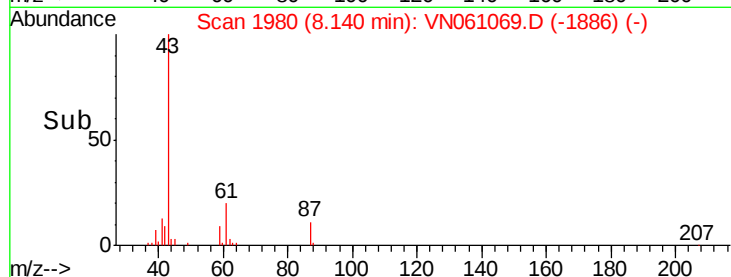
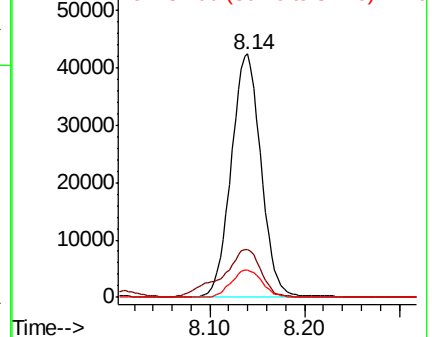
87 11.6 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1960) (-)

Ion 61.00 (60.70 to 61.70): VN061006.D (-1960) (-)

Ion 87.00 (86.70 to 87.70): VN061006.D (-1960) (-)



#44

Trichloroethene

Concen: 18.398 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN061069.D

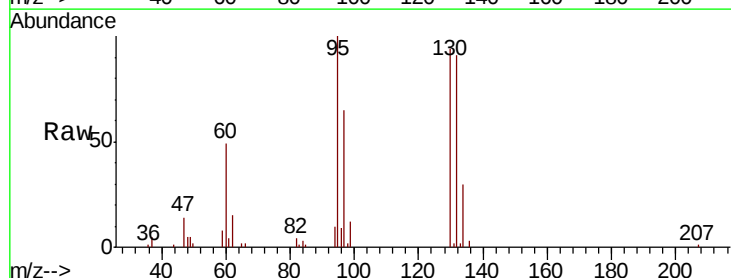
Acq: 17 Apr 2020 22:57

Tgt Ion:130 Resp: 37568

Ion Ratio Lower Upper

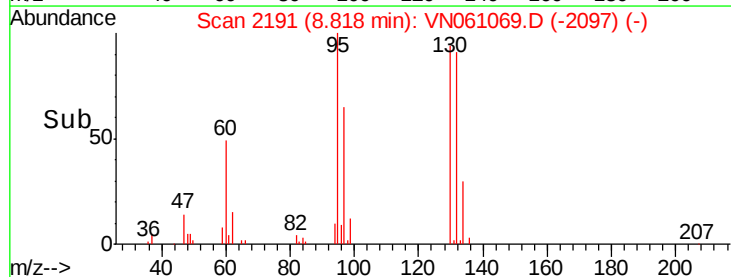
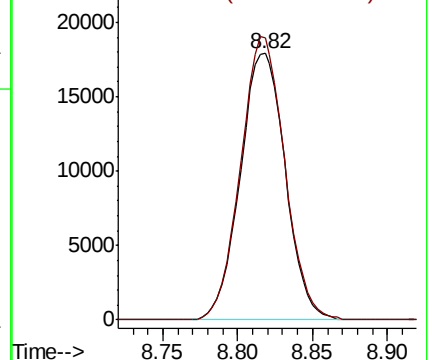
130 100

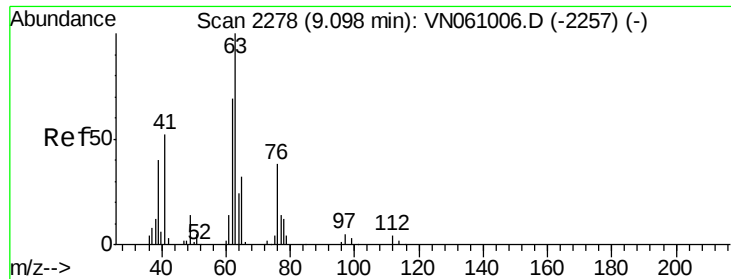
95 106.0 0.0 210.0



Abundance Ion 129.80 (129.50 to 130.50): VN061006.D (-2174) (-)

Ion 94.90 (94.60 to 95.60): VN061006.D (-2174) (-)





#45

1,2-Dichloropropane

Concen: 18.780 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

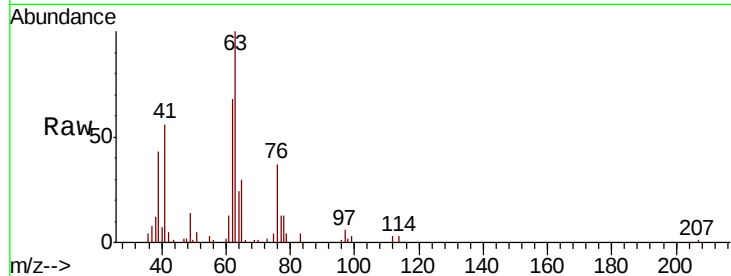
VN0417WBS02

Tot Ion: 63 Resp: 41222

Ion Ratio Lower Upper

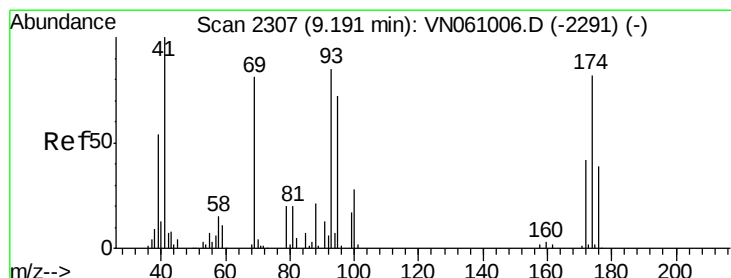
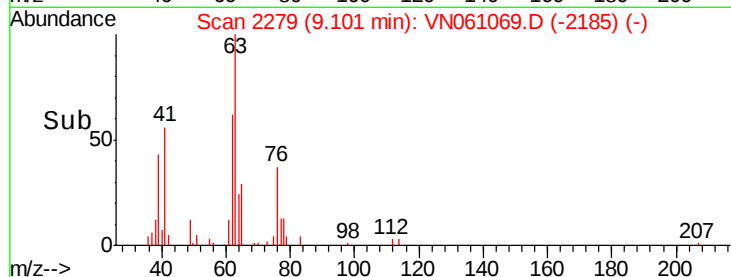
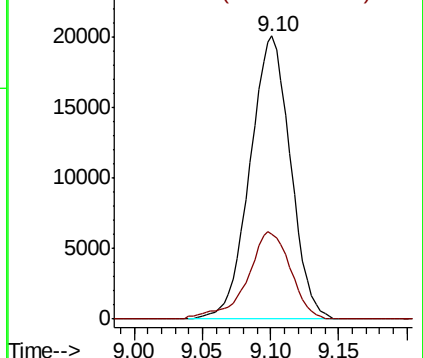
63 100

65 30.2 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.465 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

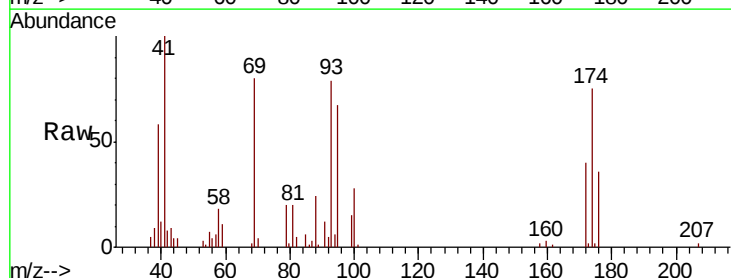
Tgt Ion: 93 Resp: 24634

Ion Ratio Lower Upper

93 100

95 83.5 66.8 100.2

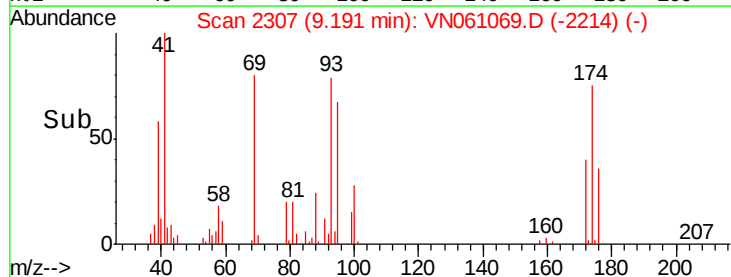
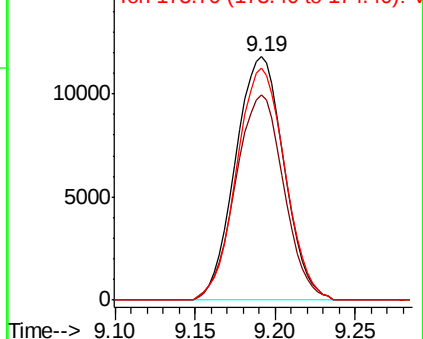
174 94.5 76.2 114.4

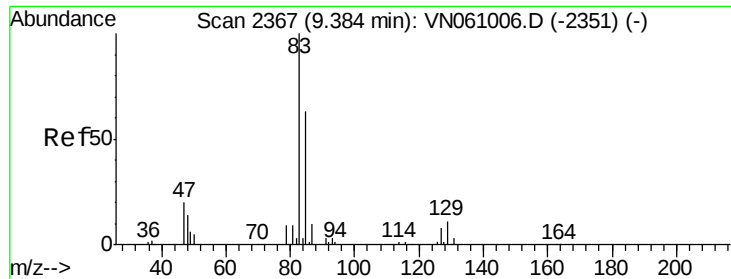


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

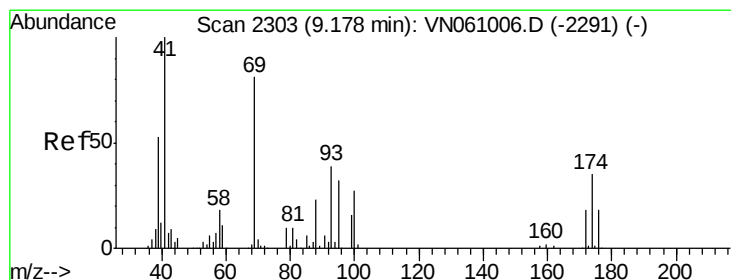
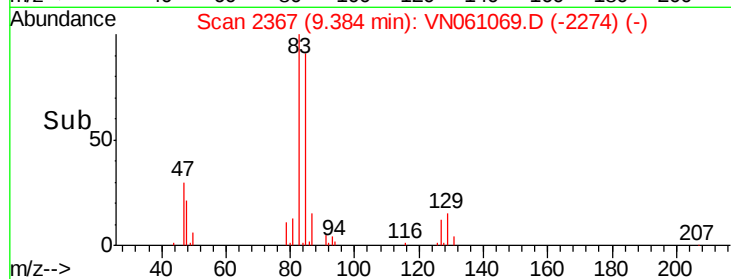
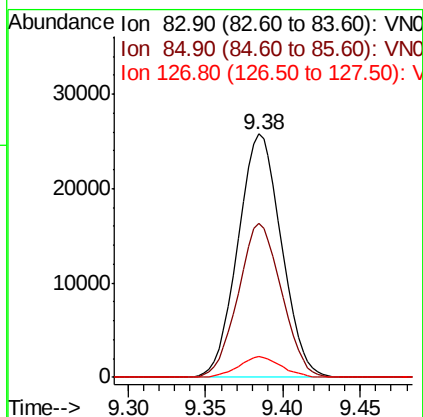
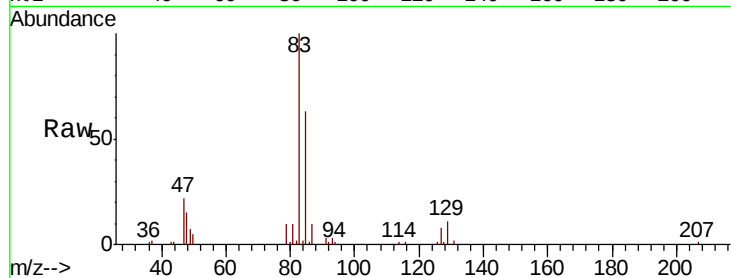




#47
 Bromodichloromethane
 Concen: 18.878 ug/l
 RT: 9.38 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

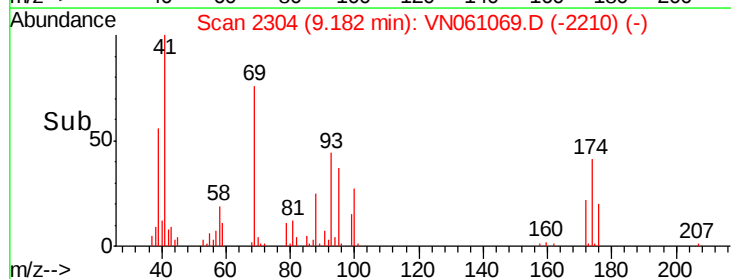
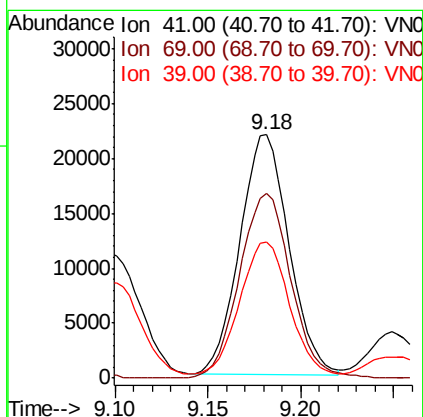
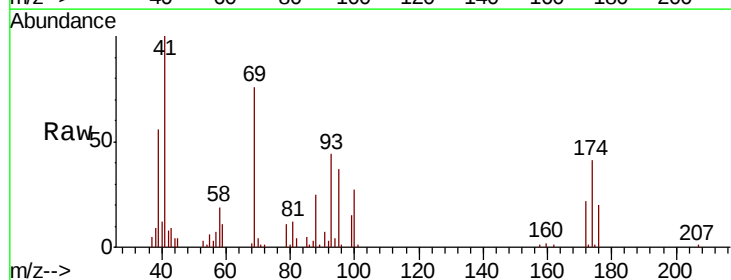
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS02

Tot Ion: 83 Resp: 50470
 Ion Ratio Lower Upper
 83 100
 85 63.2 50.6 76.0
 127 8.3 6.1 9.1



#48
 Methyl methacrylate
 Concen: 18.905 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

Tgt Ion: 41 Resp: 40416
 Ion Ratio Lower Upper
 41 100
 69 80.7 65.3 97.9
 39 55.9 45.2 67.8

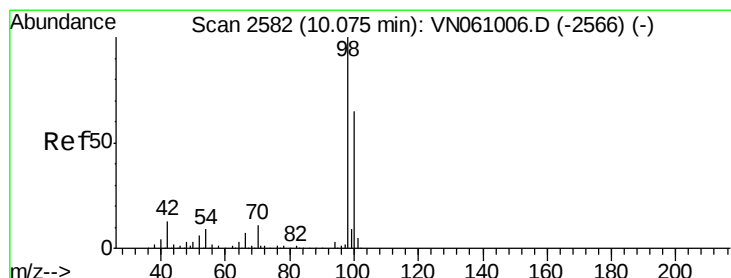
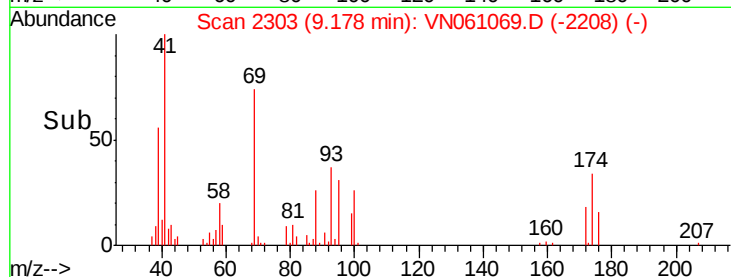
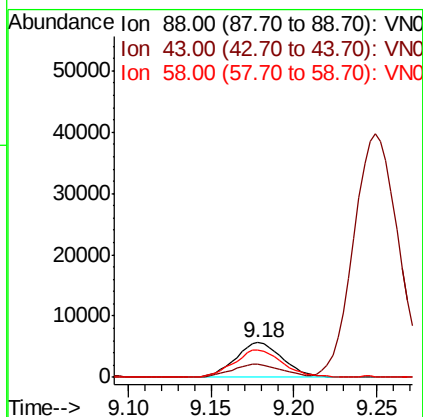
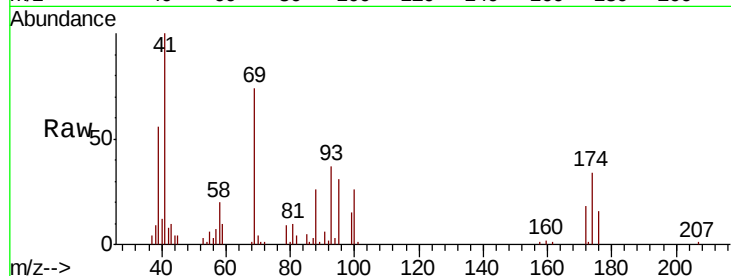




#49
 1,4-Dioxane
 Concen: 387.792 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

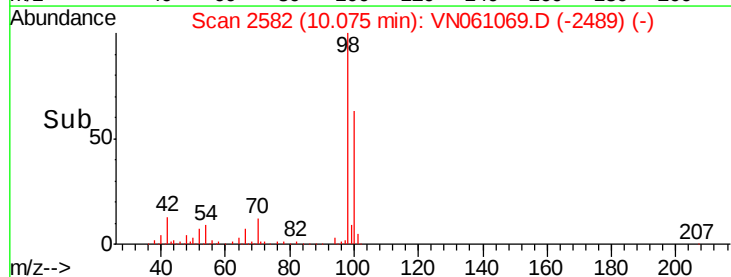
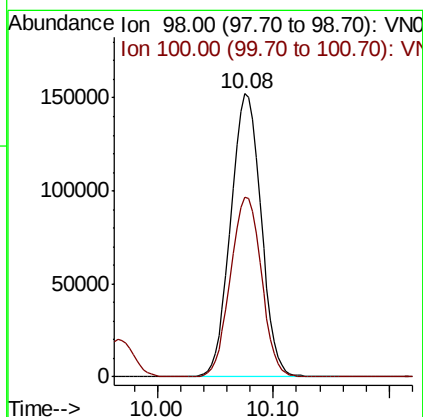
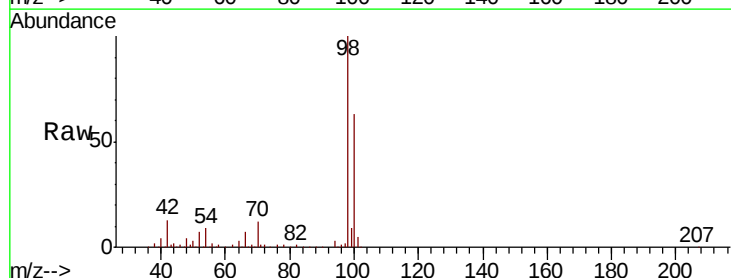
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS02

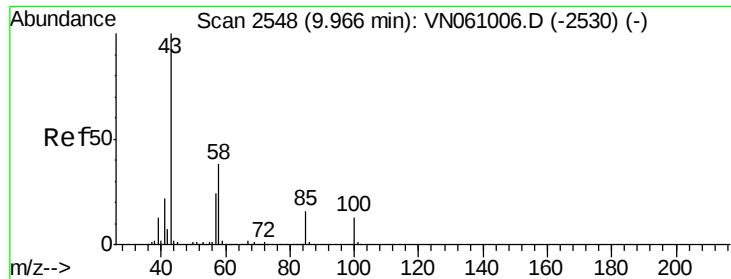
Tot Ion: 88 Resp: 11258
 Ion Ratio Lower Upper
 88 100
 43 39.4 30.9 46.3
 58 79.8 59.8 89.8



#50
 Toluene-d8
 Concen: 47.115 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

Tgt Ion: 98 Resp: 276003
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.9 77.9

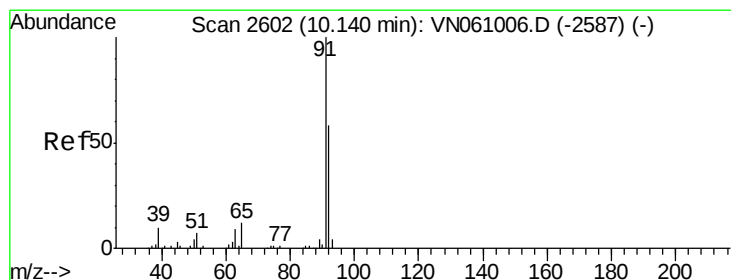
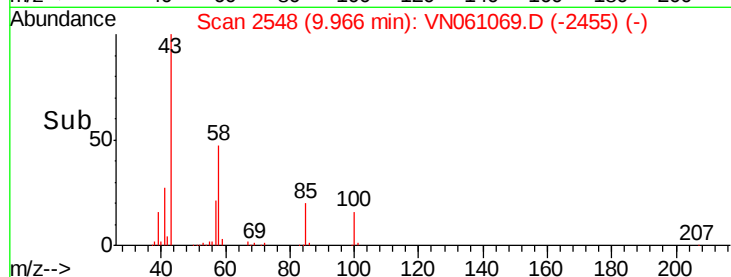
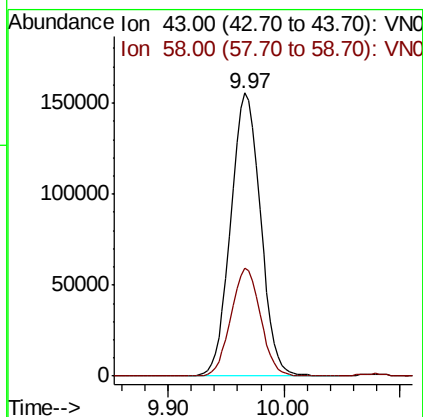
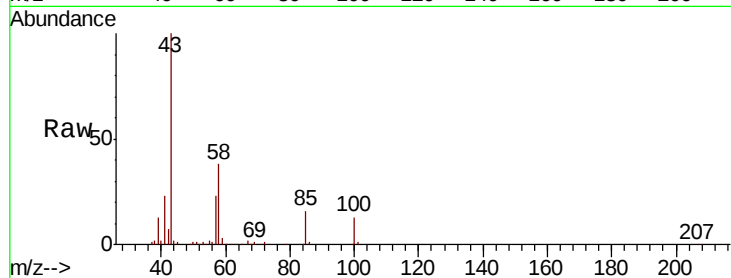




#51
 4-Methyl-2-Pentanone
 Concen: 99.080 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

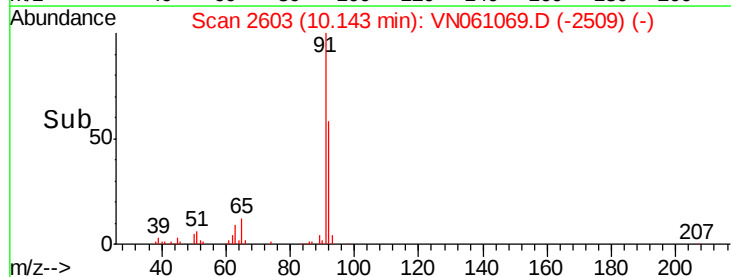
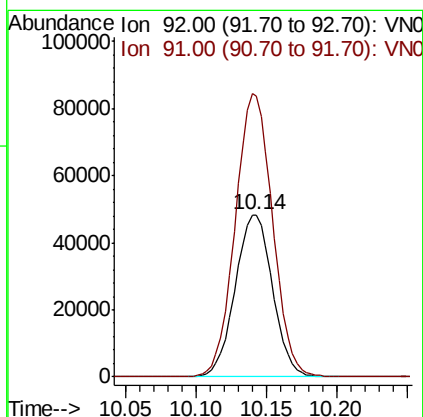
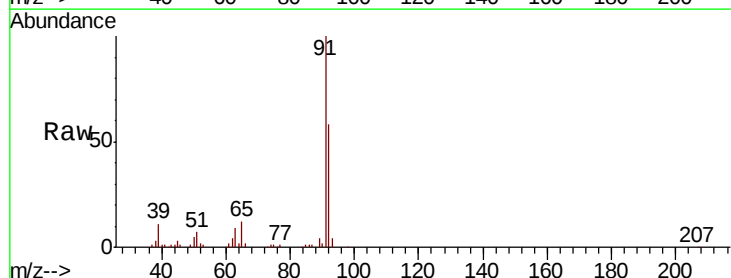
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS02

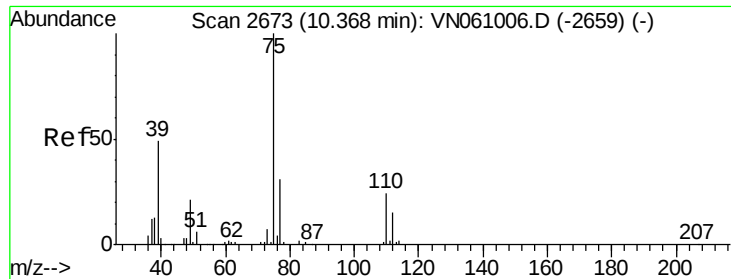
Tot Ion: 43 Resp: 276302
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.3 45.5



#52
 Toluene
 Concen: 18.361 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

Tgt Ion: 92 Resp: 89516
 Ion Ratio Lower Upper
 92 100
 91 174.9 137.7 206.5

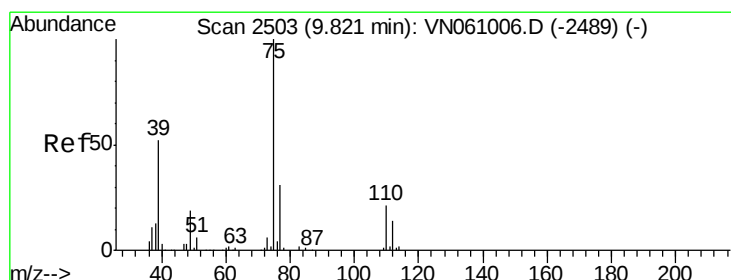
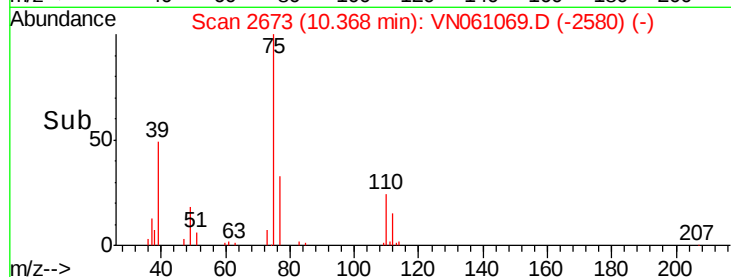
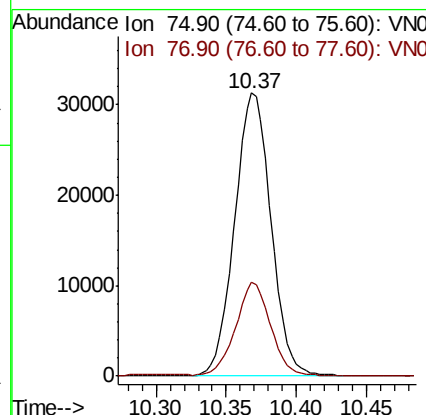
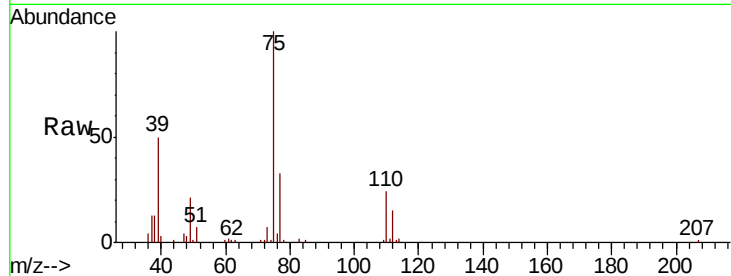




#53
t-1,3-Dichloropropene
Concen: 18.211 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

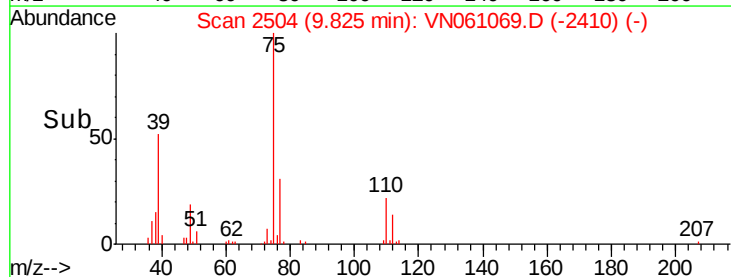
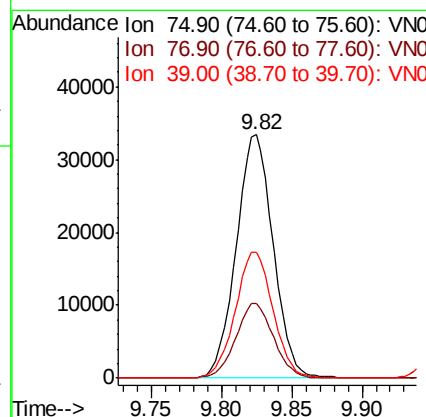
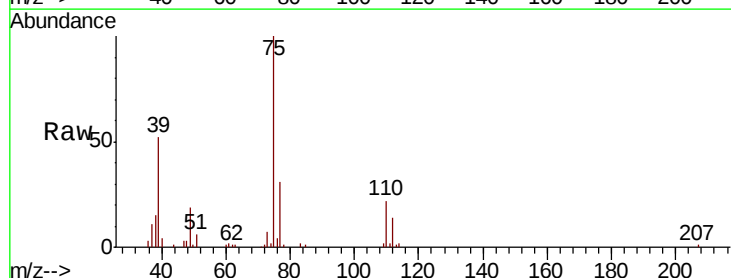
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS02

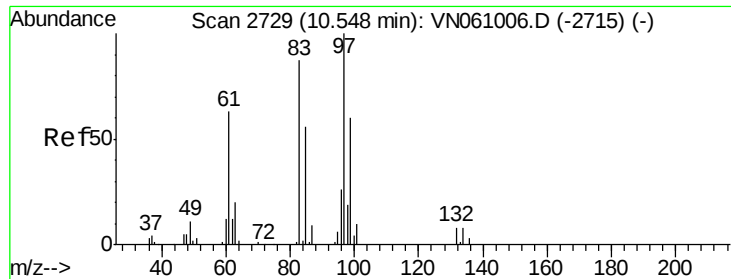
Tot Ion: 75 Resp: 56555
Ion Ratio Lower Upper
75 100
77 33.0 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 18.101 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

Tgt Ion: 75 Resp: 61332
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.6
39 51.6 41.4 62.2

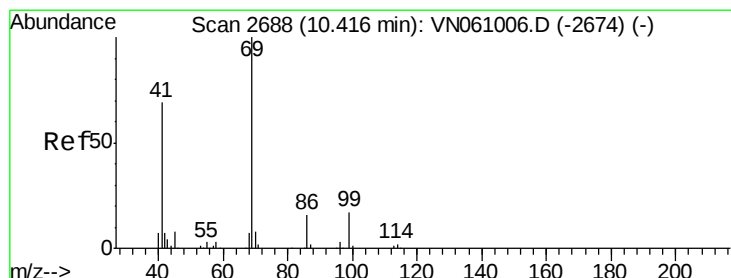
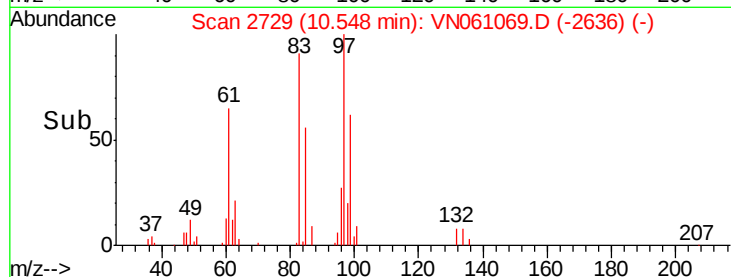
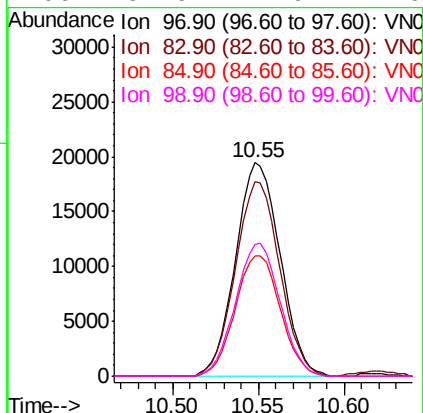
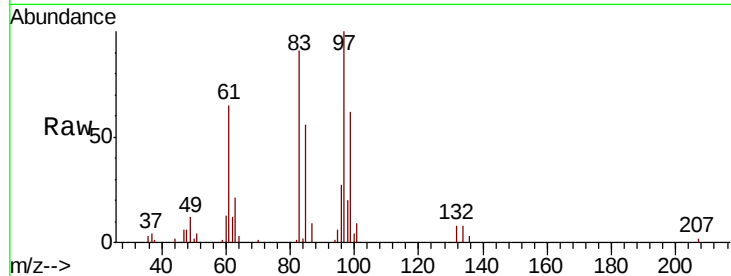




#55
 1,1,2-Trichloroethane
 Concen: 19.017 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

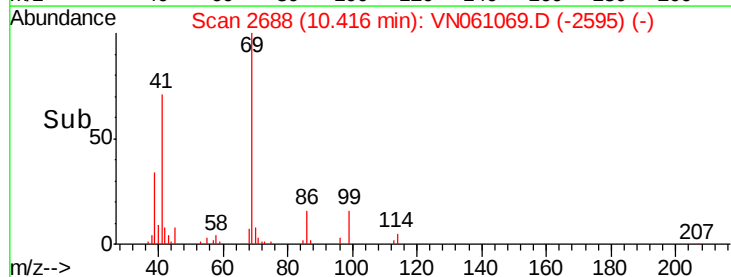
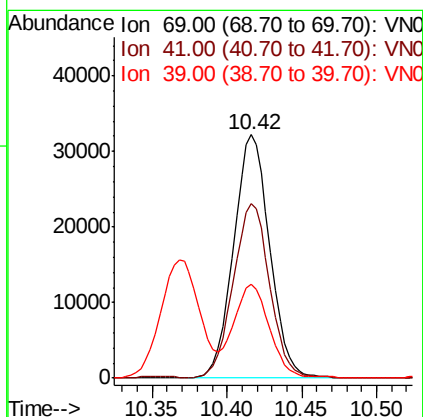
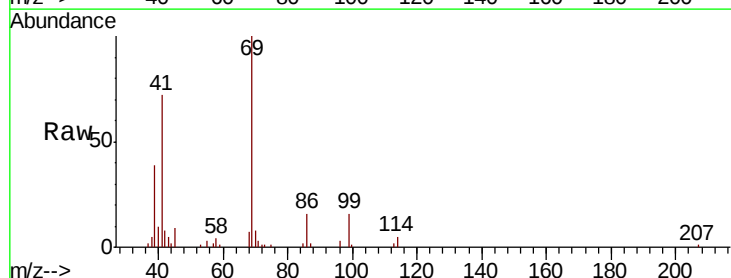
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS02

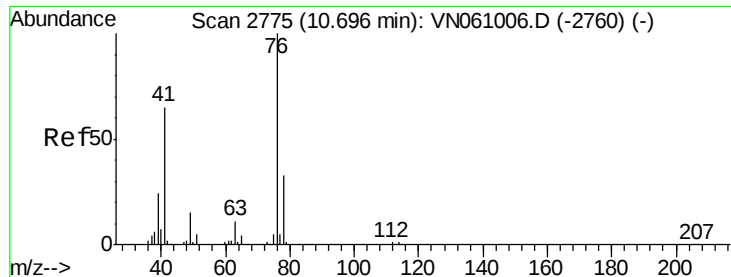
Tot Ion: 97 Resp: 35086
 Ion Ratio Lower Upper
 97 100
 83 91.0 69.5 104.3
 85 56.3 45.0 67.4
 99 61.9 47.9 71.9



#56
 Ethyl methacrylate
 Concen: 18.623 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

Tgt Ion: 69 Resp: 54029
 Ion Ratio Lower Upper
 69 100
 41 72.7 56.7 85.1
 39 38.8 29.4 44.0

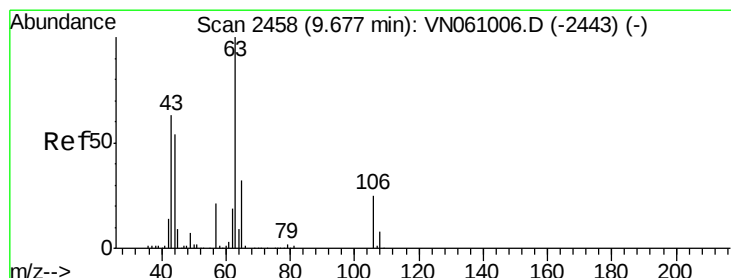
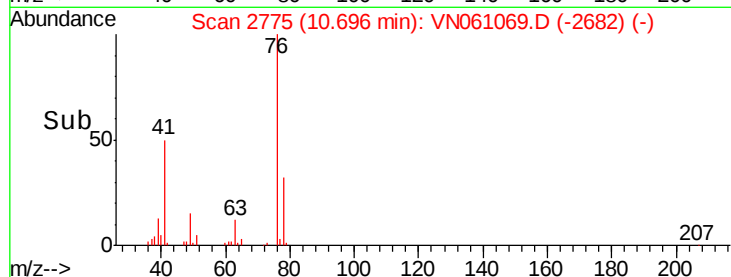
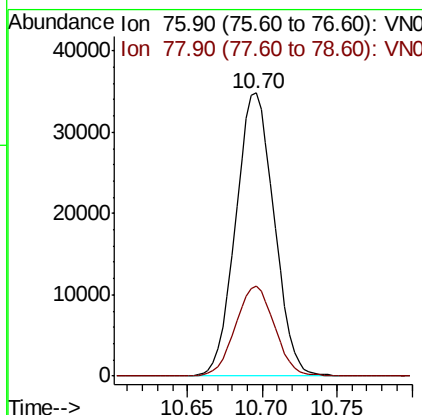
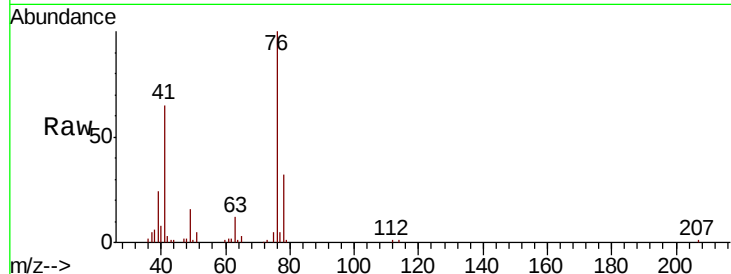




#57
 1,3-Dichloropropane
 Concen: 18.893 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

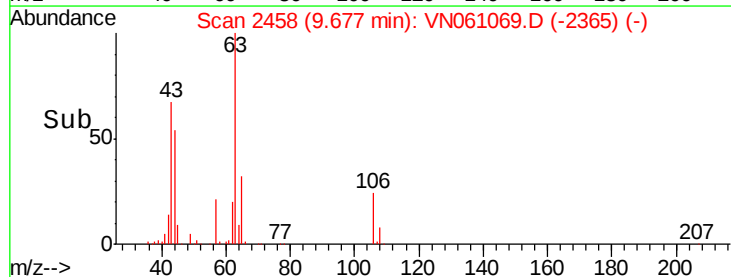
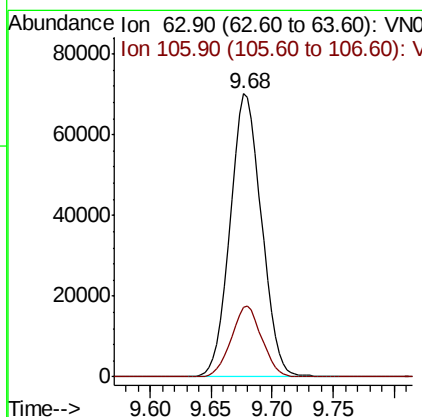
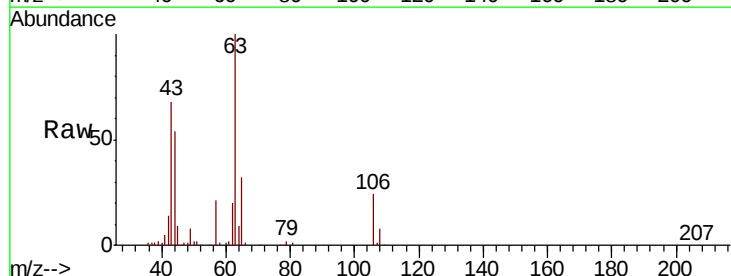
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS02

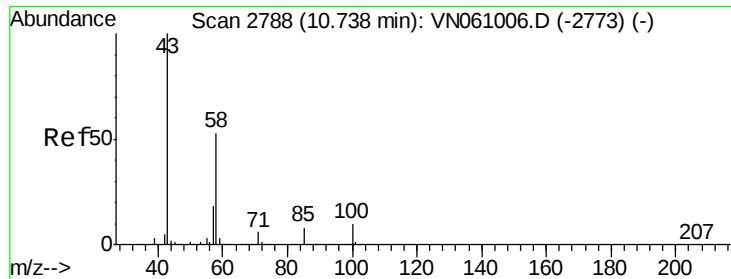
Tot Ion: 76 Resp: 62174
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.511 ug/l
 RT: 9.68 min Scan# 2458
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

Tgt Ion: 63 Resp: 125909
 Ion Ratio Lower Upper
 63 100
 106 24.3 19.5 29.3

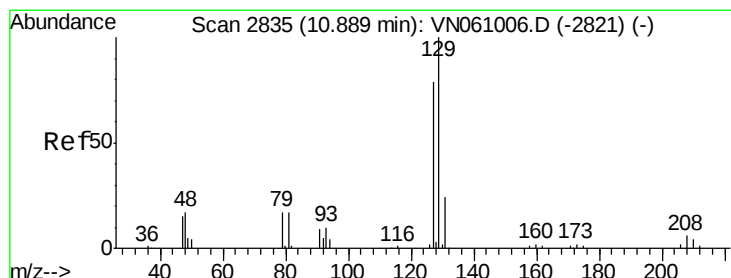
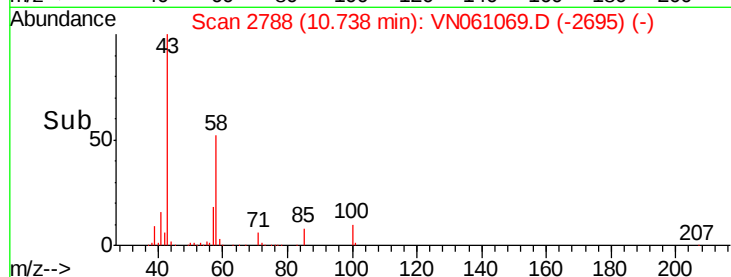
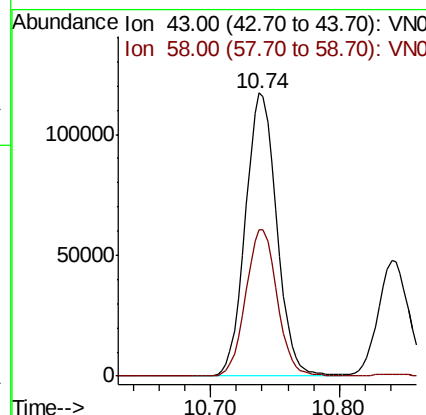
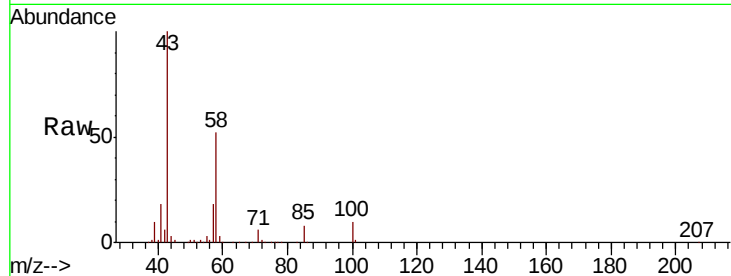




#59
2-Hexanone
Concen: 98.638 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

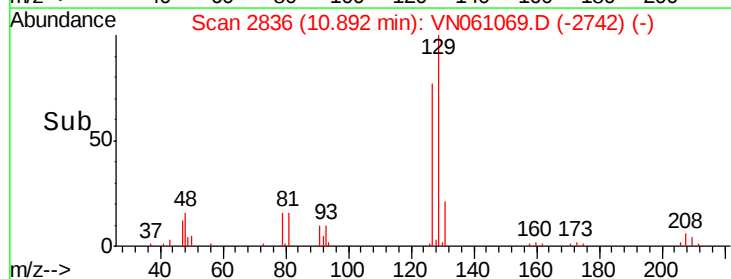
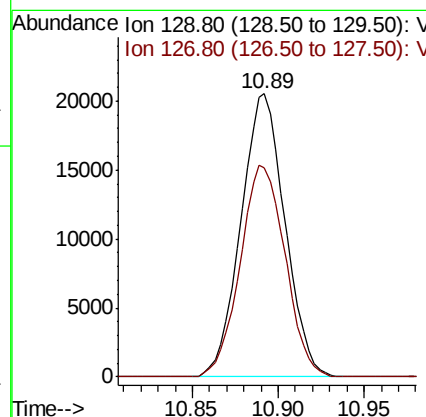
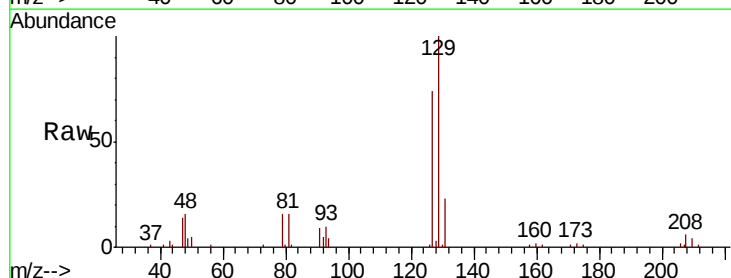
Instrument :
MSVOA_N
ClientSampled :
VN0417WBS02

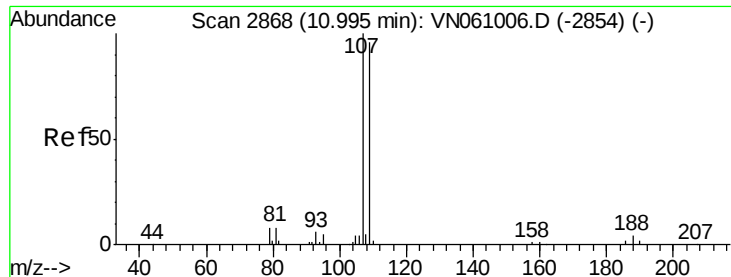
Tot Ion: 43 Resp: 198374
Ion Ratio Lower Upper
43 100
58 52.0 26.4 79.0



#60
Dibromochloromethane
Concen: 19.273 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

Tgt Ion: 129 Resp: 36526
Ion Ratio Lower Upper
129 100
127 76.3 39.0 116.9





#61

1,2-Dibromoethane

Concen: 18.910 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

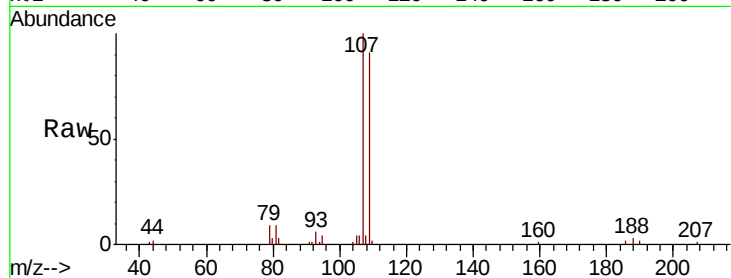
VN0417WBS02

Tot Ion:107 Resp: 35551

Ion Ratio Lower Upper

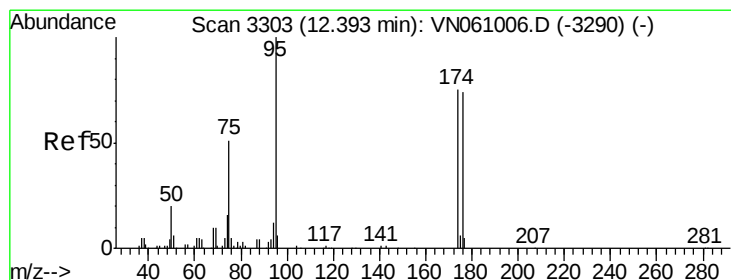
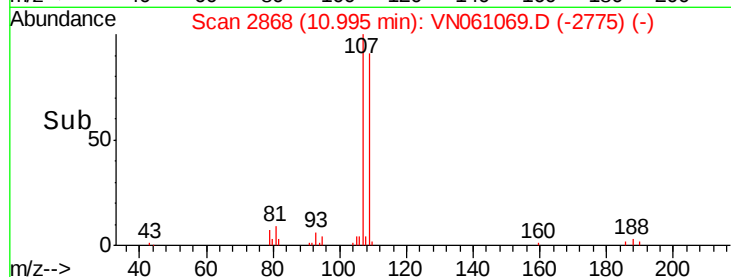
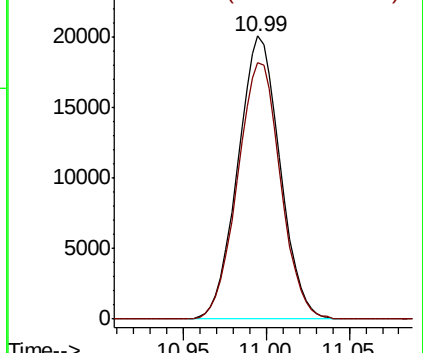
107 100

109 92.1 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.136 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

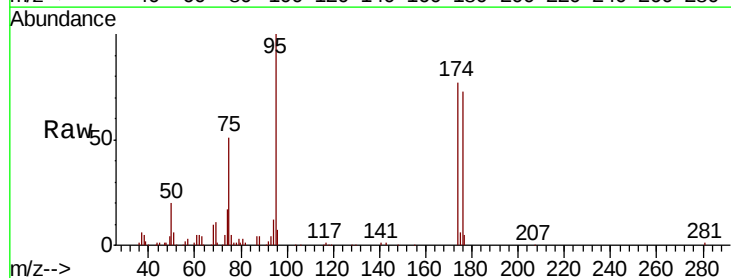
Tgt Ion: 95 Resp: 108220

Ion Ratio Lower Upper

95 100

174 76.3 0.0 151.2

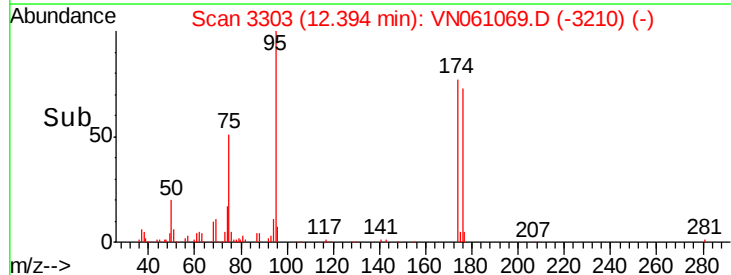
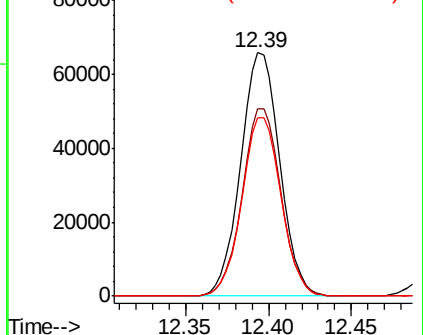
176 73.5 0.0 148.2

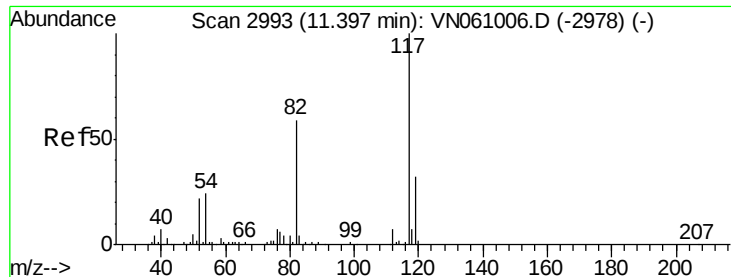


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

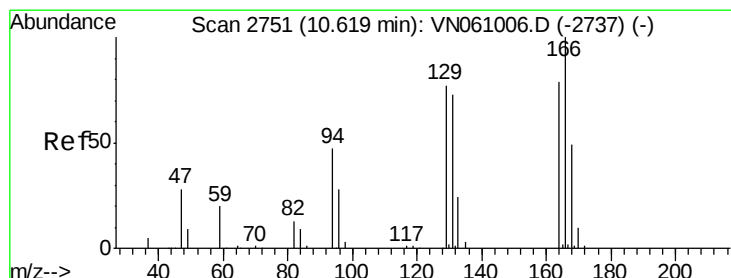
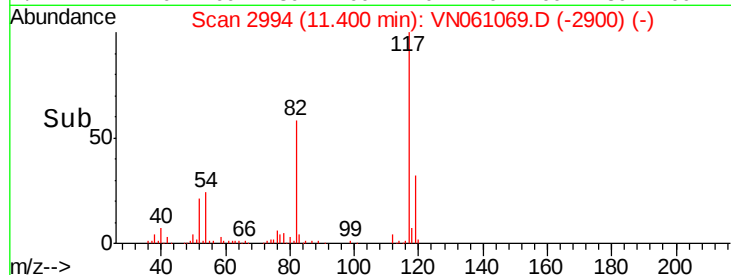
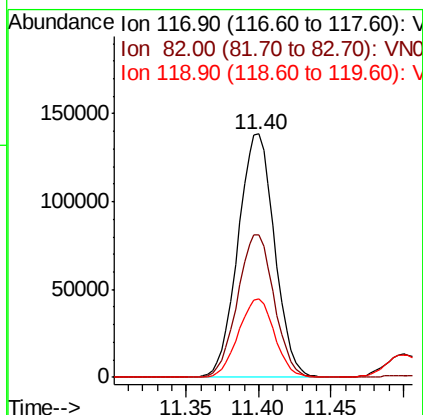
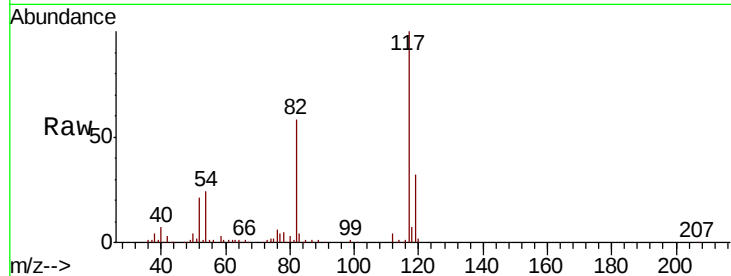




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

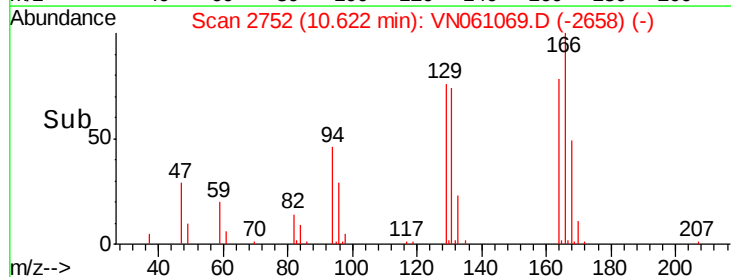
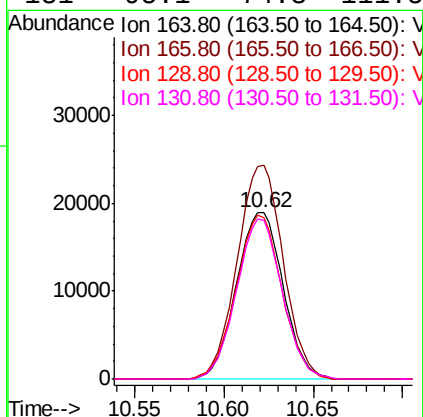
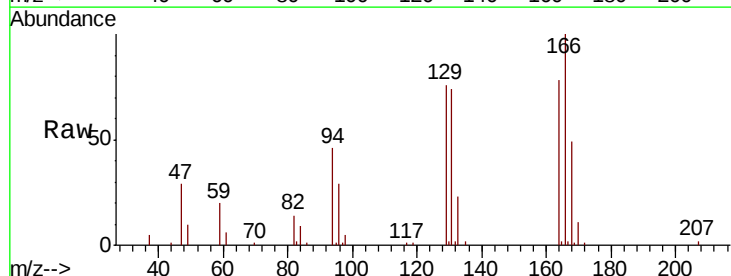
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS02

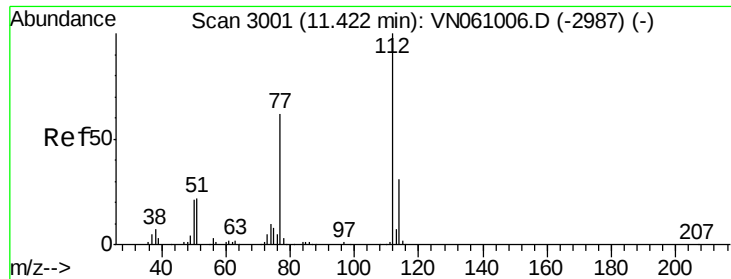
Tot Ion:117 Resp: 242682
Ion Ratio Lower Upper
117 100
82 58.5 47.1 70.7
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 18.616 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

Tgt Ion:164 Resp: 34571
Ion Ratio Lower Upper
164 100
166 128.4 101.6 152.4
129 97.1 78.5 117.7
131 95.1 74.3 111.5

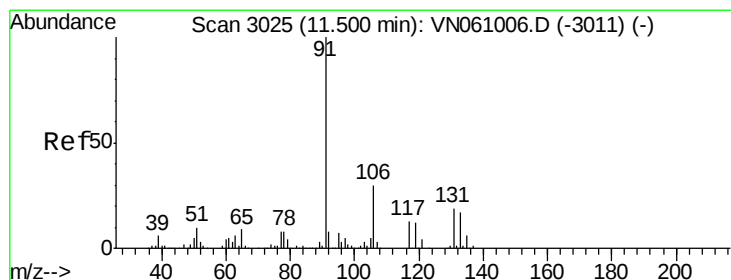
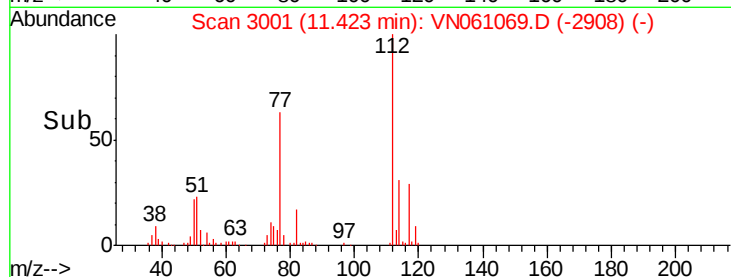
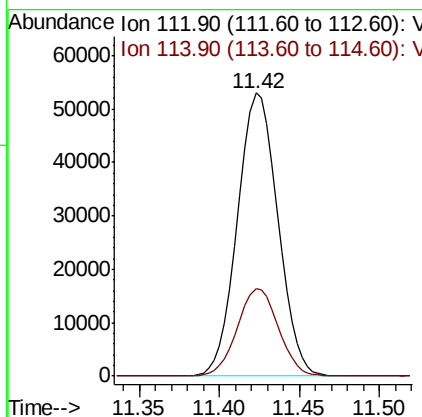
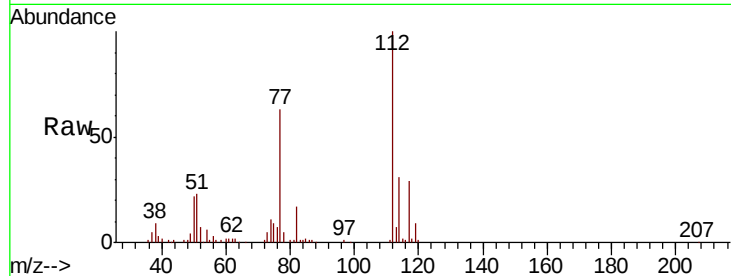




#65
Chlorobenzene
Concen: 18.254 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

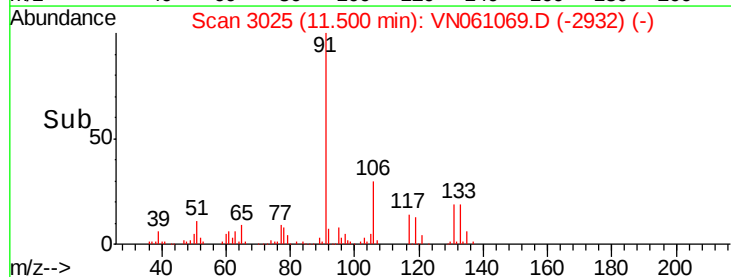
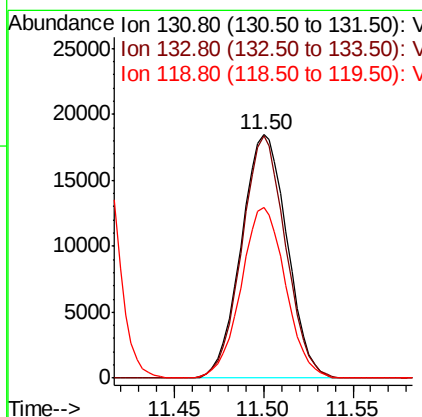
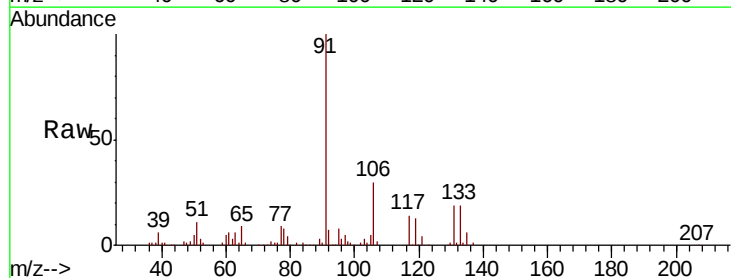
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS02

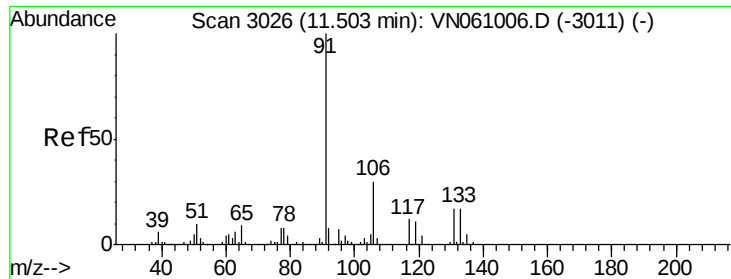
Tot Ion:112 Resp: 91448
Ion Ratio Lower Upper
112 100
114 30.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.452 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

Tgt Ion:131 Resp: 33073
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.8
119 68.2 33.3 99.8

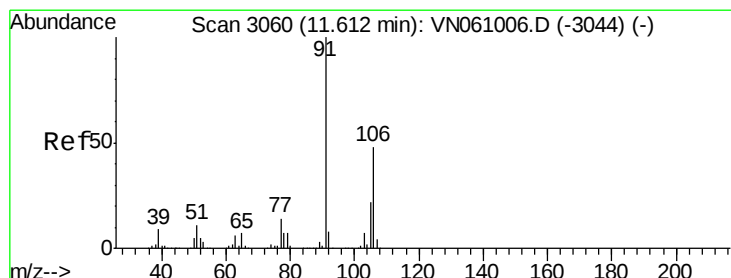
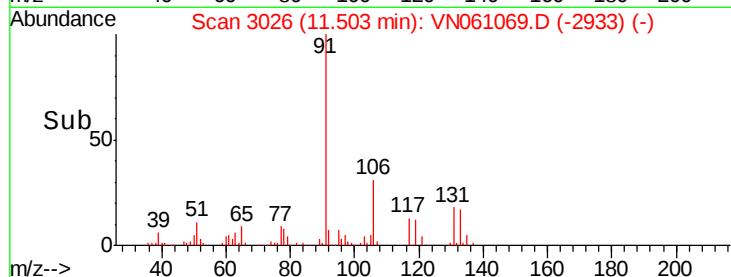
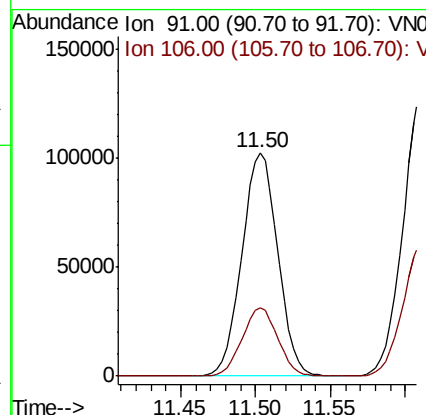
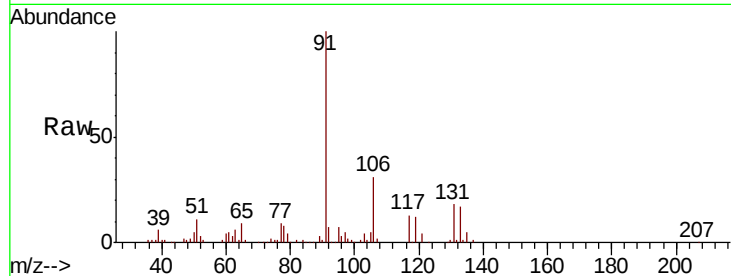




#67
Ethyl Benzene
Concen: 18.164 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

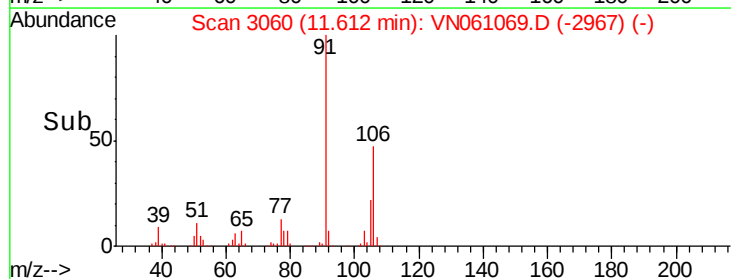
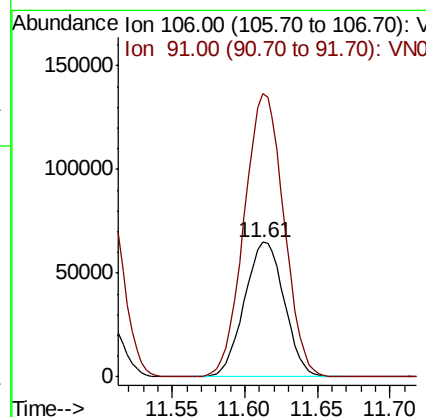
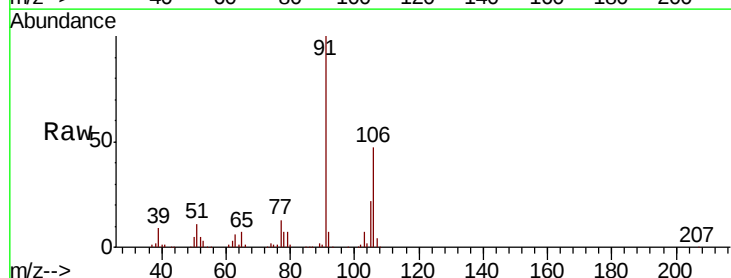
Instrument :
MSVOA_N
ClientSampled :
VN0417WBS02

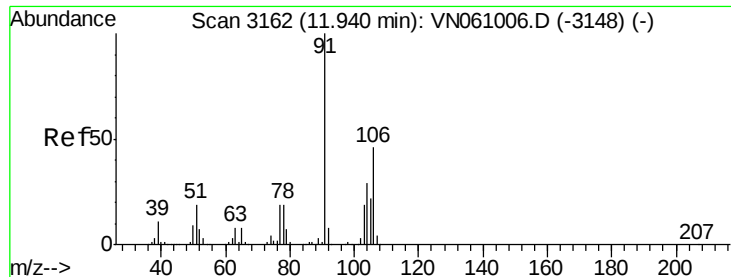
Tot Ion: 91 Resp: 171170
Ion Ratio Lower Upper
91 100
106 30.7 23.8 35.8



#68
m/p-Xylenes
Concen: 36.554 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

Tgt Ion: 106 Resp: 124493
Ion Ratio Lower Upper
106 100
91 209.6 167.9 251.9

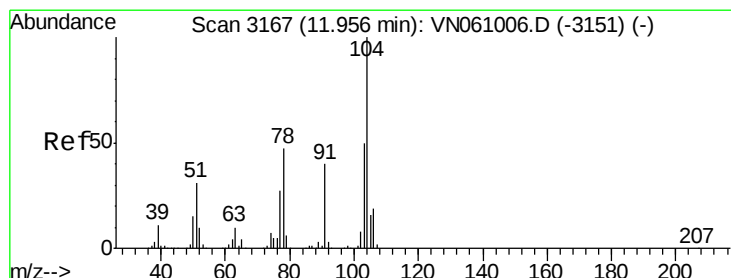
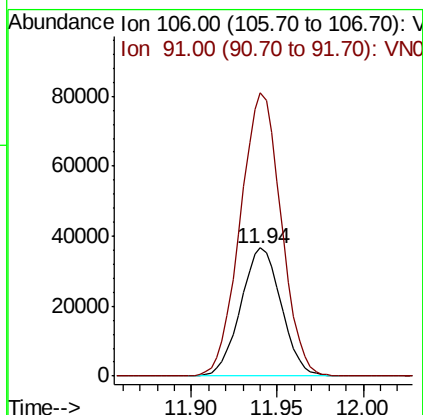
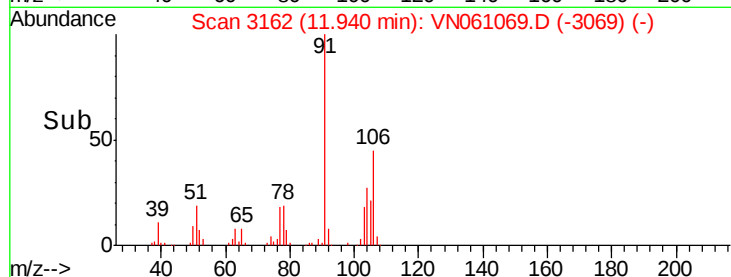
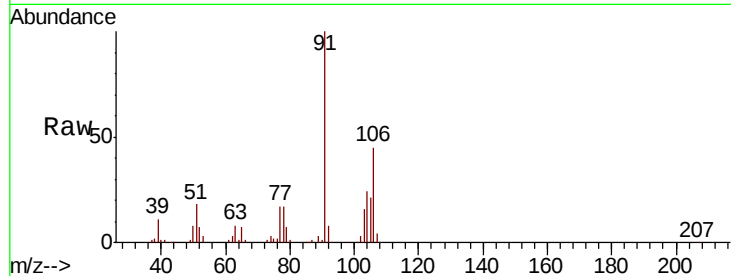




#69
o-Xylene
Concen: 18.321 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

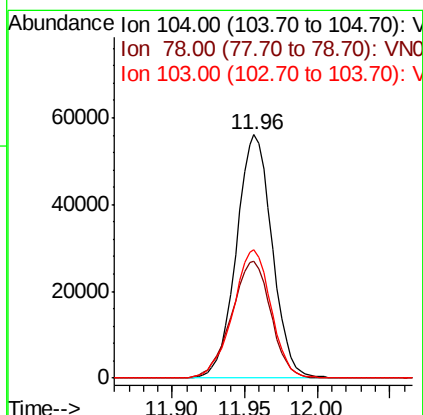
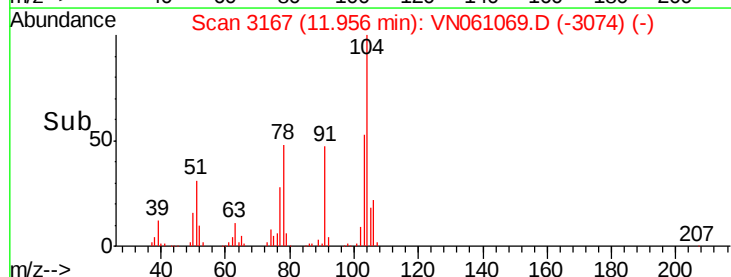
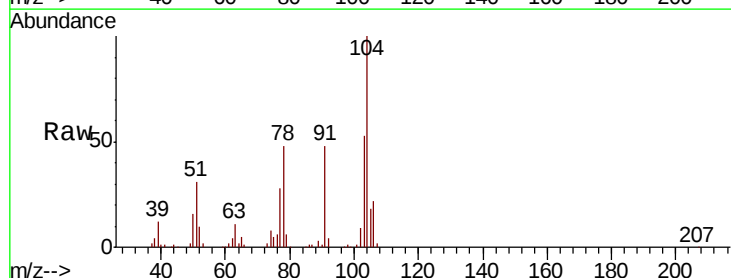
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS02

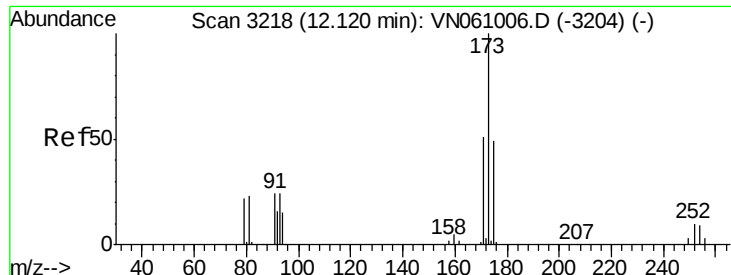
Tot Ion:106 Resp: 59993
Ion Ratio Lower Upper
106 100
91 222.7 110.7 332.1



#70
Styrene
Concen: 18.235 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

Tgt Ion:104 Resp: 96127
Ion Ratio Lower Upper
104 100
78 52.9 42.2 63.4
103 56.1 44.4 66.6

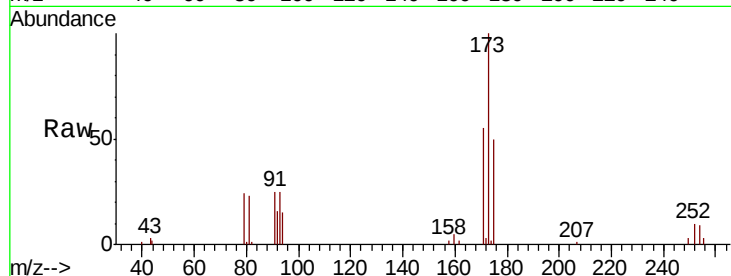




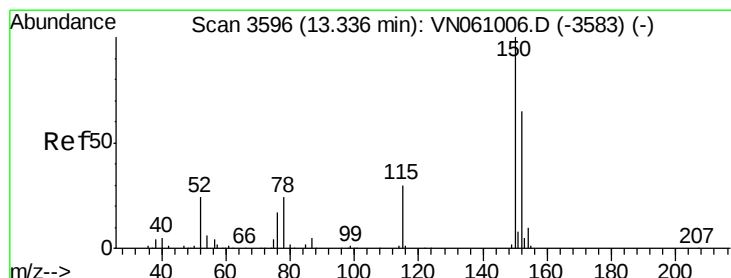
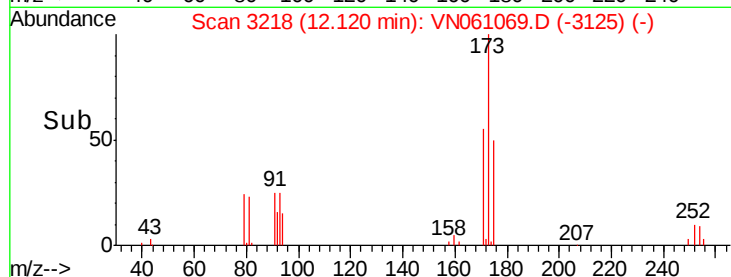
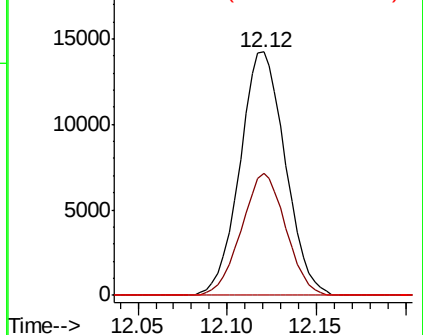
#71
Bromoform
Concen: 18.905 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS02

Tot Ion:173 Resp: 25293
Ion Ratio Lower Upper
173 100
175 48.9 24.5 73.5
254 0.0 0.0 0.0

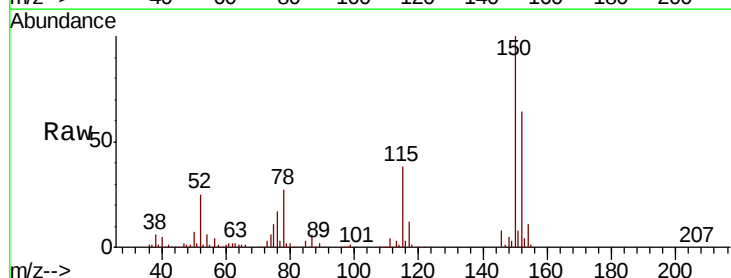


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

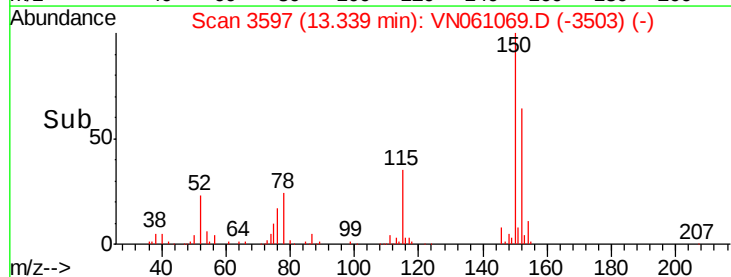
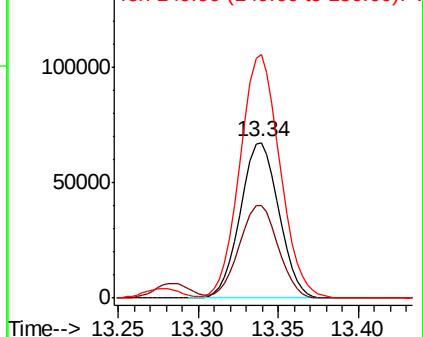


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

Tgt Ion:152 Resp: 110910
Ion Ratio Lower Upper
152 100
115 60.0 30.8 92.4
150 162.5 0.0 349.0



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





#73

Isopropylbenzene

Concen: 18.110 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Instrument :

MSVOA_N

ClientSampled :

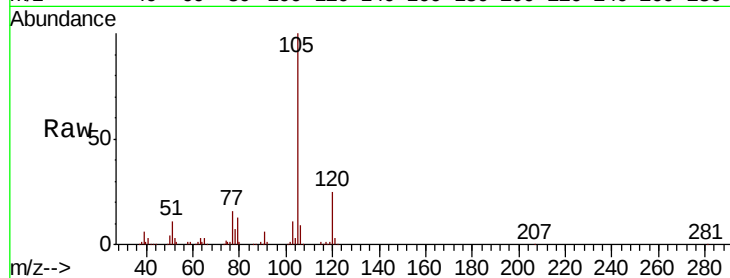
VN0417WBS02

Tot Ion:105 Resp: 160921

Ion Ratio Lower Upper

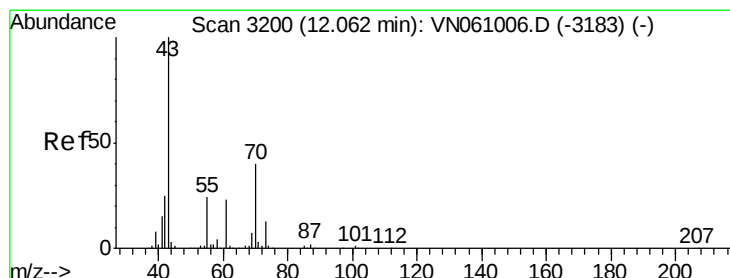
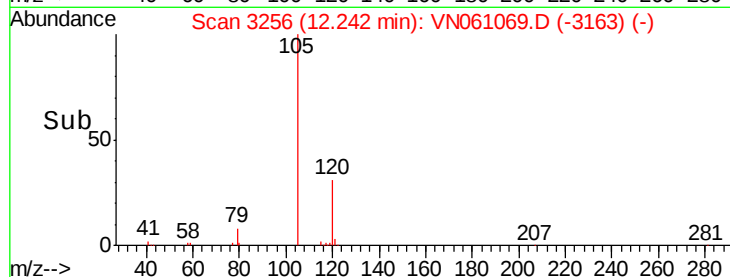
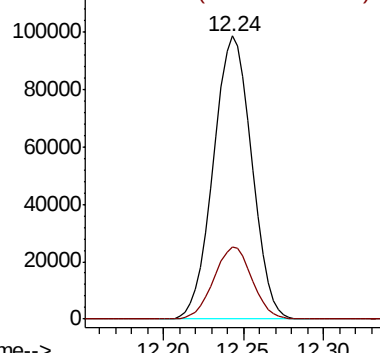
105 100

120 25.4 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.321 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Tgt Ion: 43 Resp: 75702

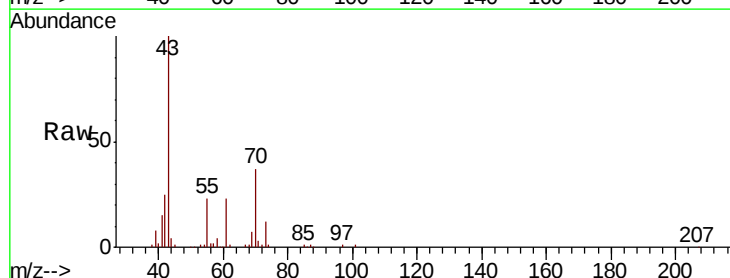
Ion Ratio Lower Upper

43 100

70 36.6 31.0 46.6

55 22.8 18.6 27.8

61 22.2 18.2 27.4

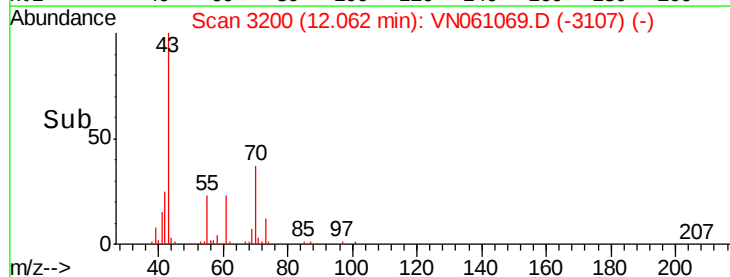
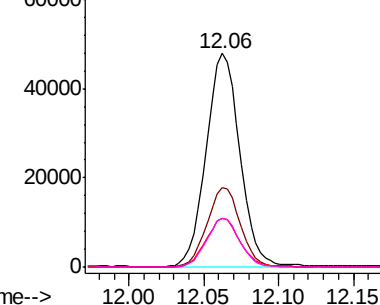


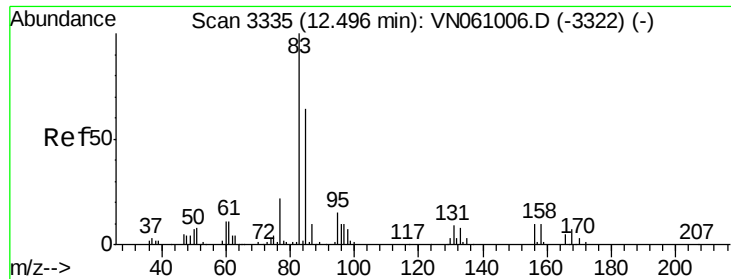
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 19.133 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Instrument :

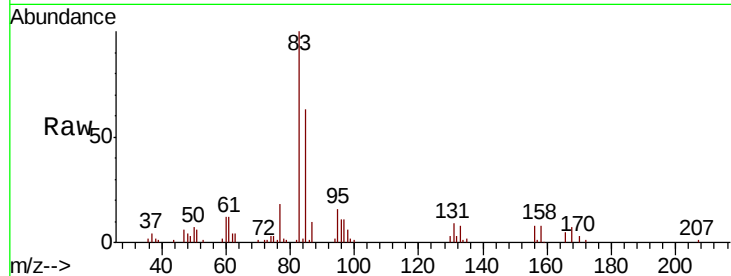
MSVOA_N

ClientSampleId :

VN0417WBS02

Tot Ion: 83 Resp: 51897

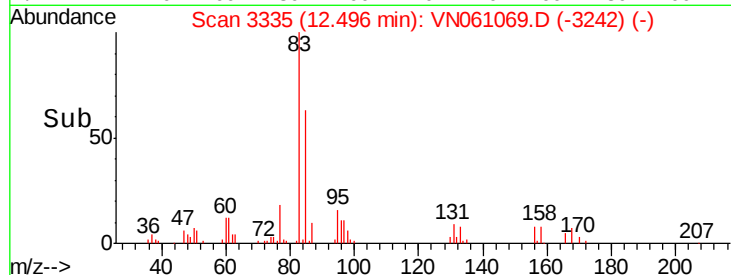
Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.8	14.3
85	63.9	32.3	96.8



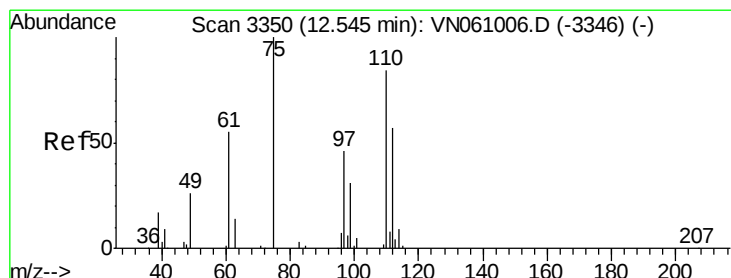
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 28.144 ug/l

RT: 12.55 min Scan# 3351

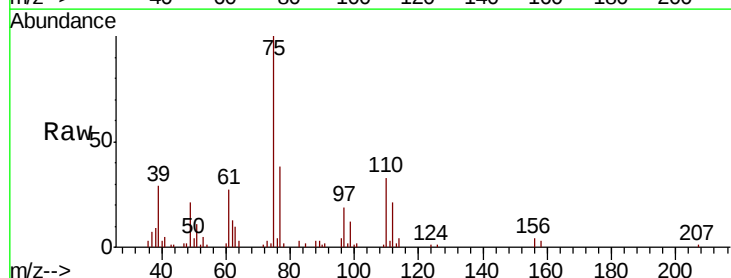
Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

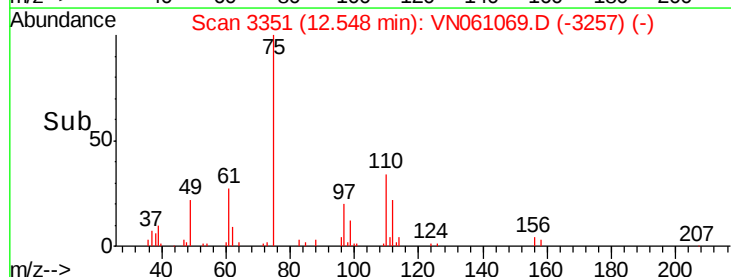
Tgt Ion: 75 Resp: 68658

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

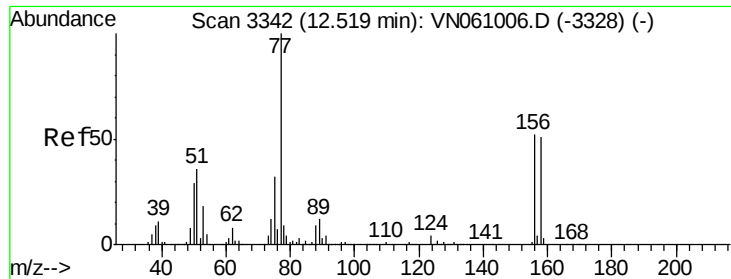


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->



#77

Bromobenzene

Concen: 18.356 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS02

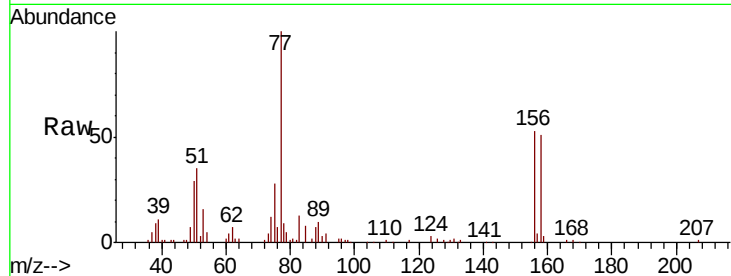
Tot Ion:156 Resp: 38081

Ion Ratio Lower Upper

156 100

77 228.5 115.6 346.8

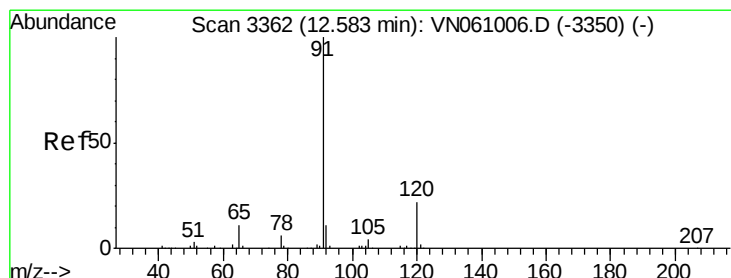
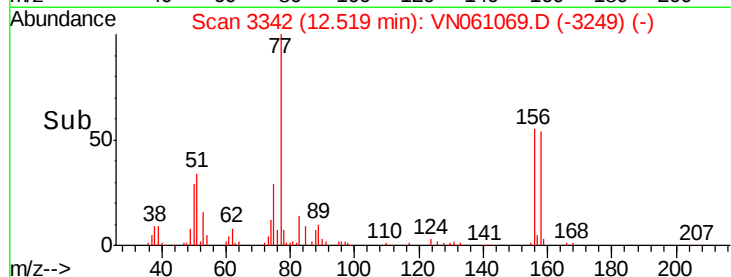
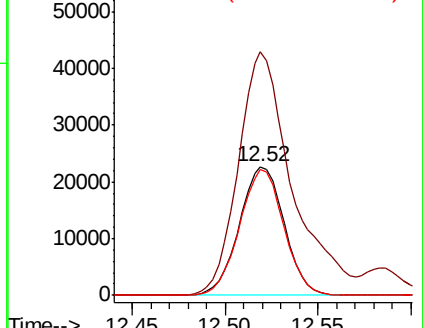
158 96.7 48.9 146.6



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: 18.028 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VN061069.D

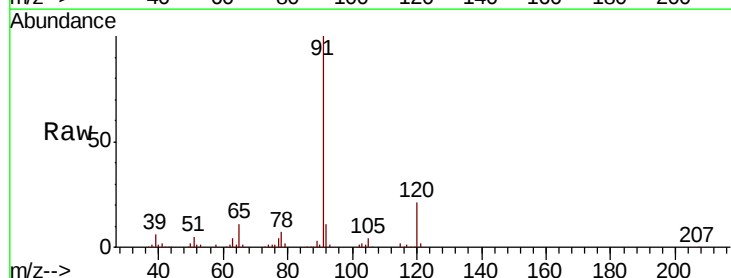
Acq: 17 Apr 2020 22:57

Tgt Ion: 91 Resp: 187412

Ion Ratio Lower Upper

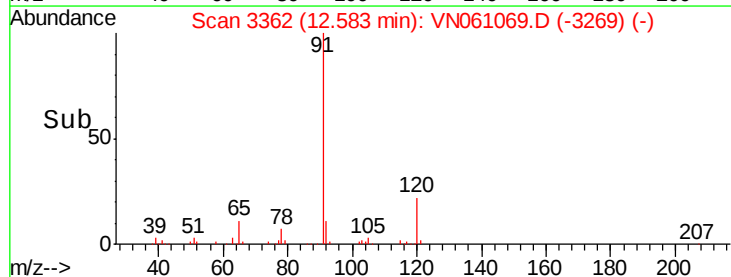
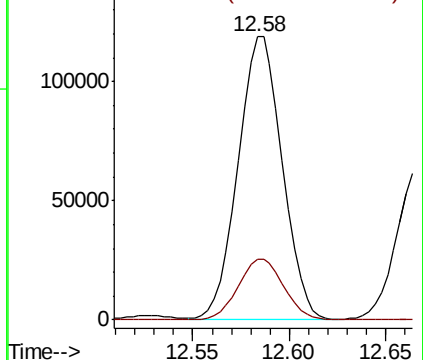
91 100

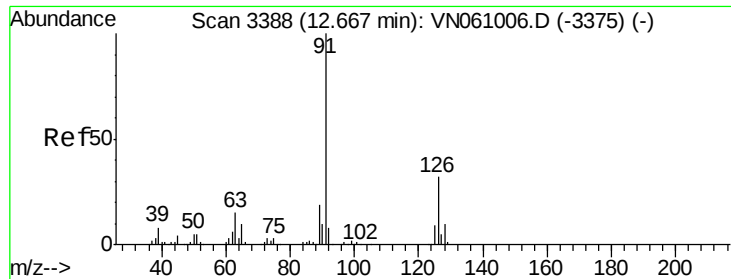
120 22.0 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.335 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Instrument :

MSVOA_N

ClientSampled :

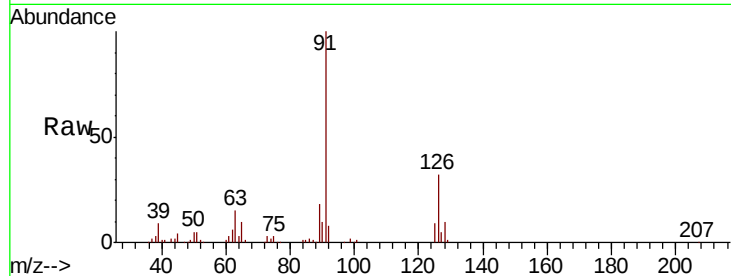
VN0417WBS02

Tot Ion: 91 Resp: 111794

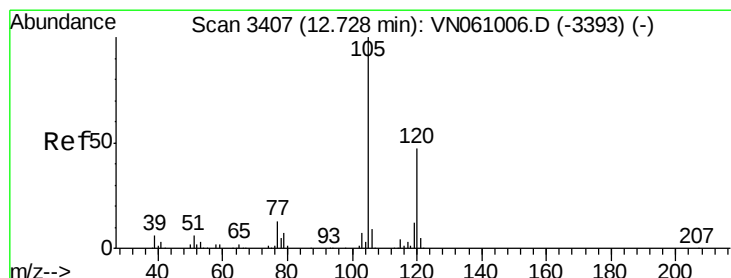
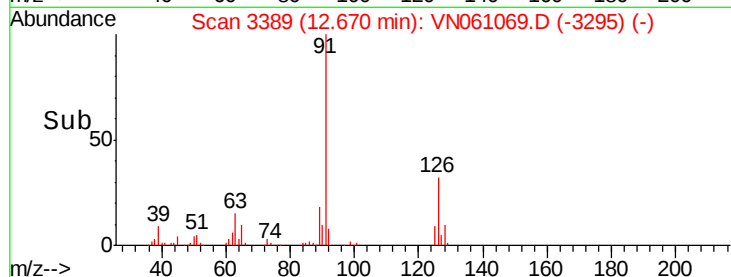
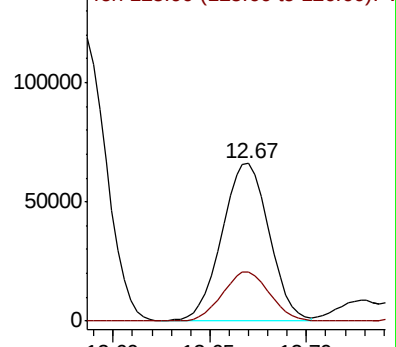
Ion Ratio Lower Upper

91 100

126 31.5 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN061006.D (-3375) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.470 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN061069.D

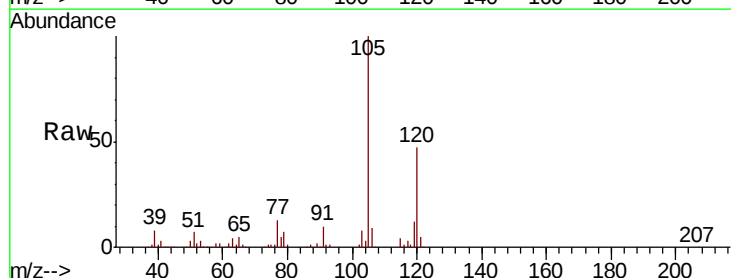
Acq: 17 Apr 2020 22:57

Tgt Ion:105 Resp: 135654

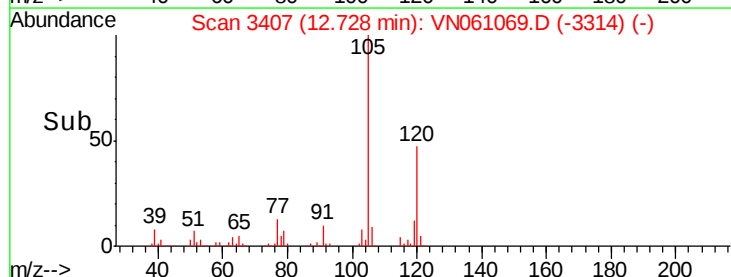
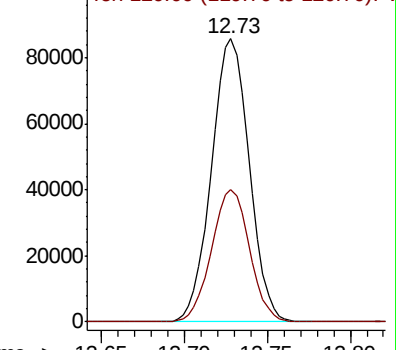
Ion Ratio Lower Upper

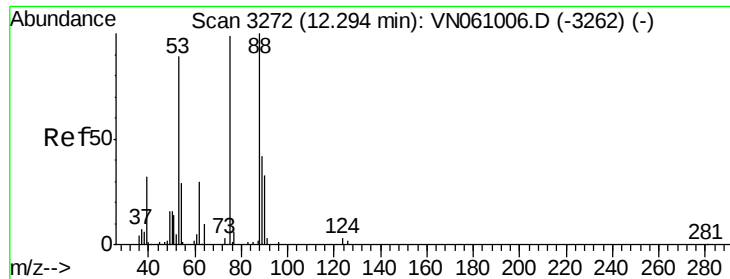
105 100

120 46.9 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): VN061006.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.816 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Instrument :

MSVOA_N

ClientSampled :

VN0417WBS02

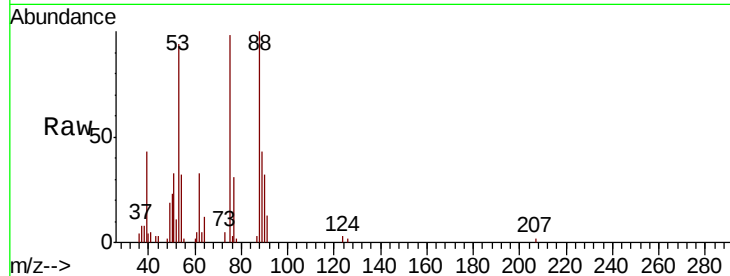
Tot Ion: 75 Resp: 16632

Ion Ratio Lower Upper

75 100

53 93.8 74.7 112.1

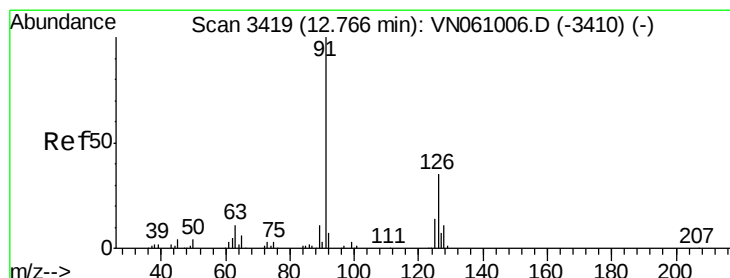
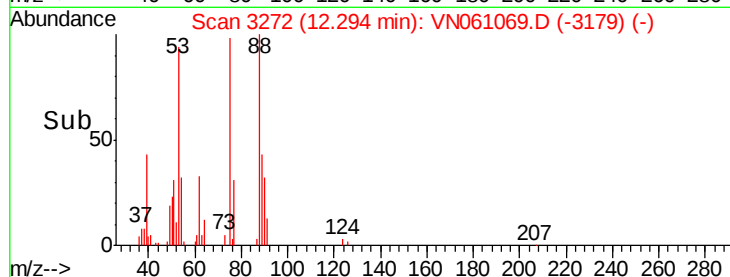
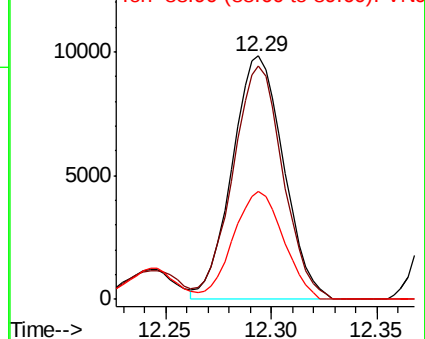
89 43.4 34.6 52.0



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: 18.293 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN061069.D

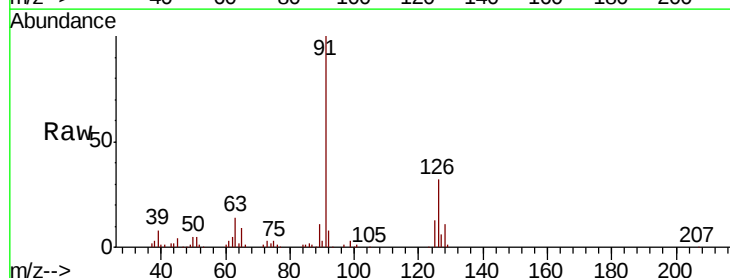
Acq: 17 Apr 2020 22:57

Tgt Ion: 91 Resp: 115680

Ion Ratio Lower Upper

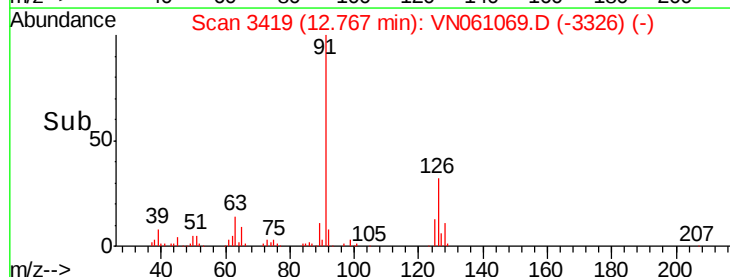
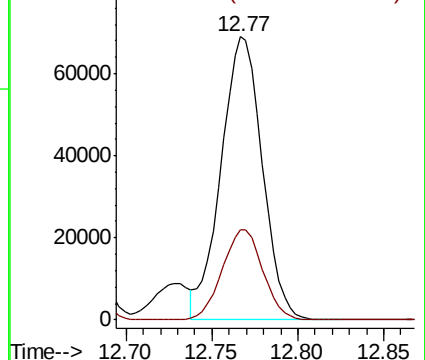
91 100

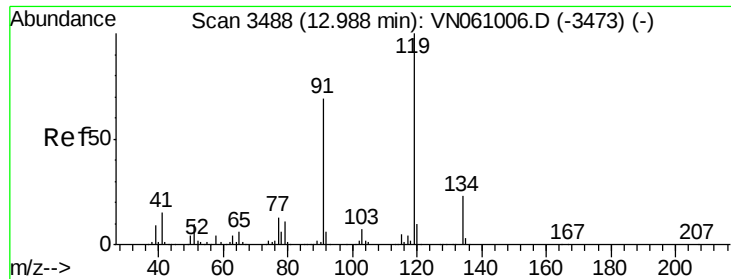
126 31.4 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

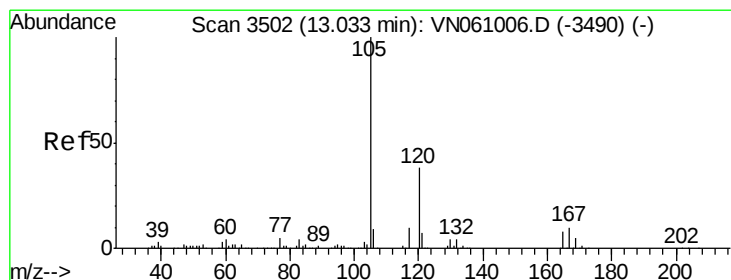
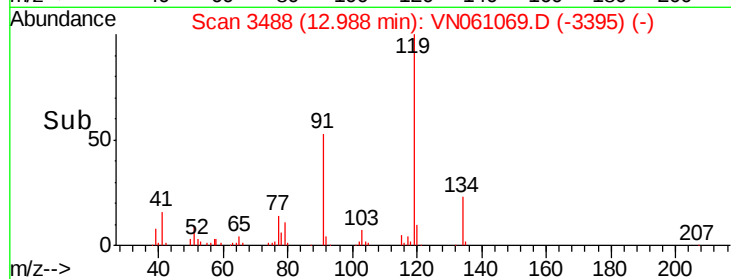
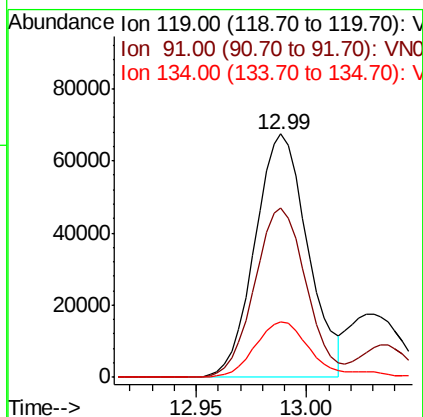
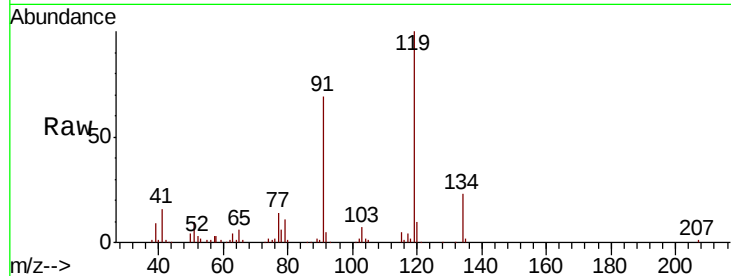




#83
tert-Butylbenzene
Concen: 18.102 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

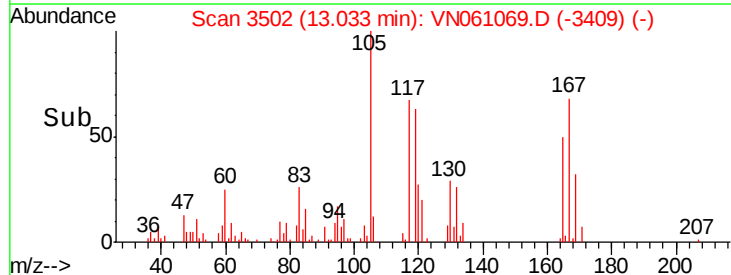
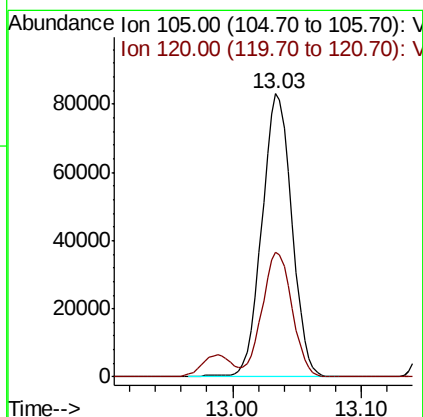
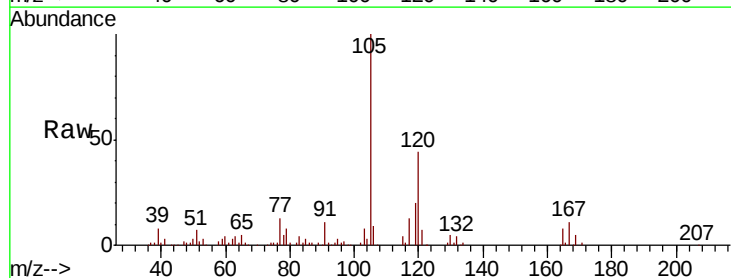
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBS02

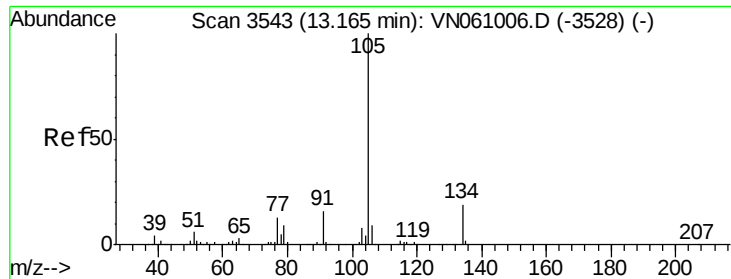
Tot Ion:119 Resp: 111812
Ion Ratio Lower Upper
119 100
91 68.2 34.1 102.3
134 23.4 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 18.521 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

Tgt Ion:105 Resp: 134459
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.5

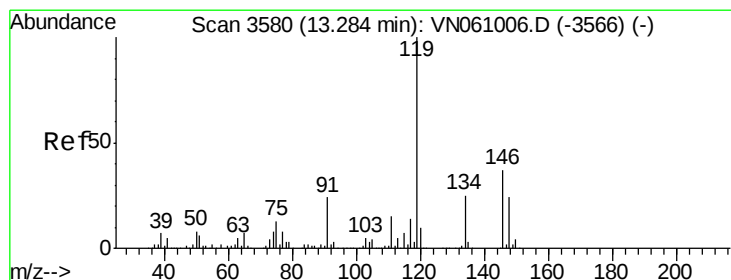
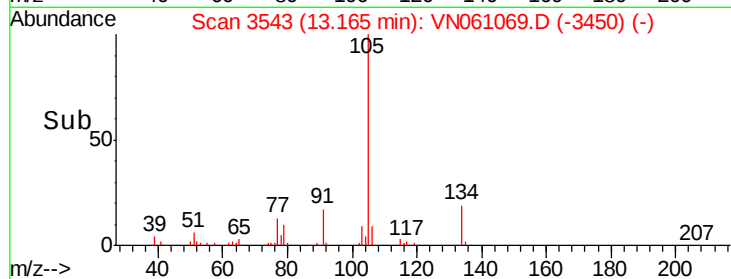
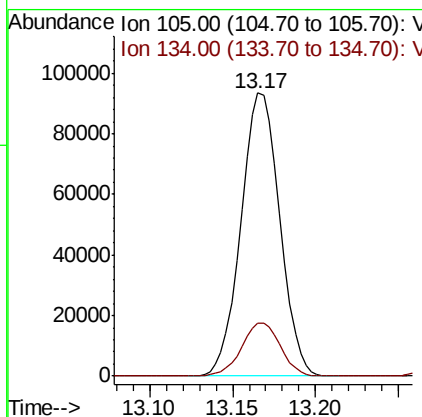
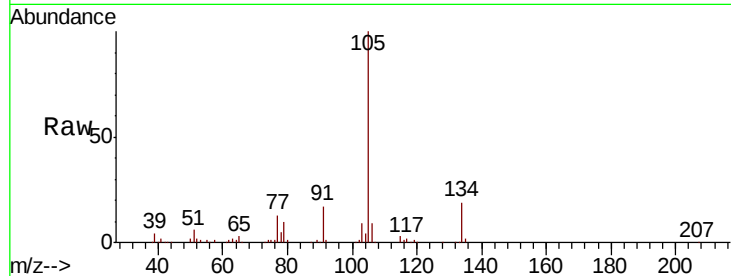




#85
 sec-Butylbenzene
 Concen: 18.140 ug/l
 RT: 13.17 min Scan# 3543
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

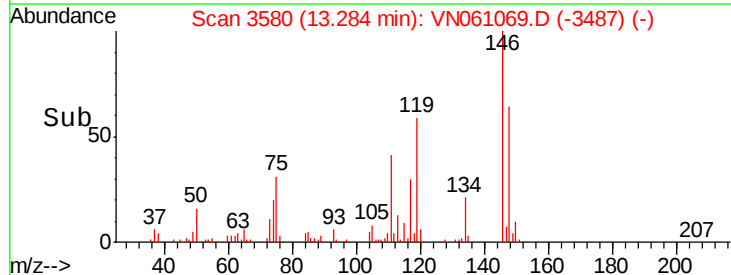
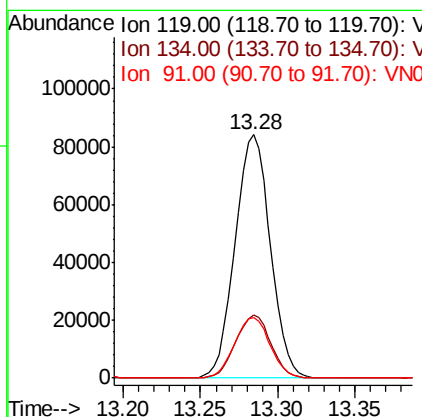
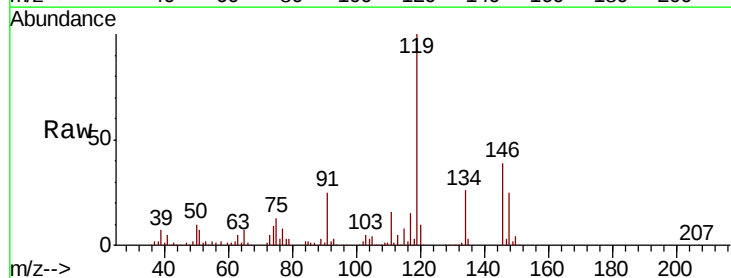
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0417WBS02

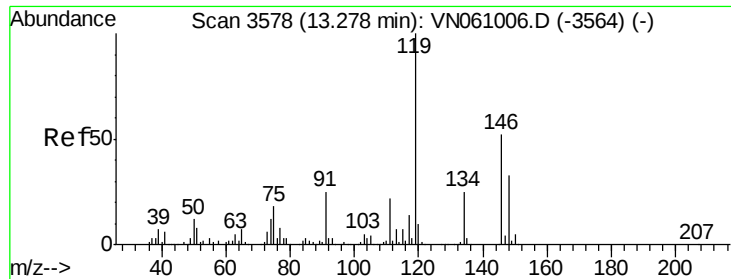
Tot Ion:105 Resp: 151817
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 17.854 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

Tgt Ion:119 Resp: 133055
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 25.2 12.3 36.8

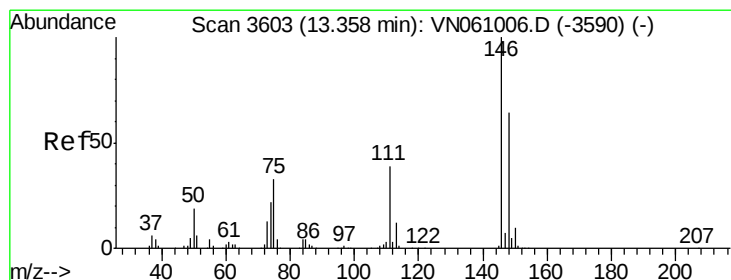
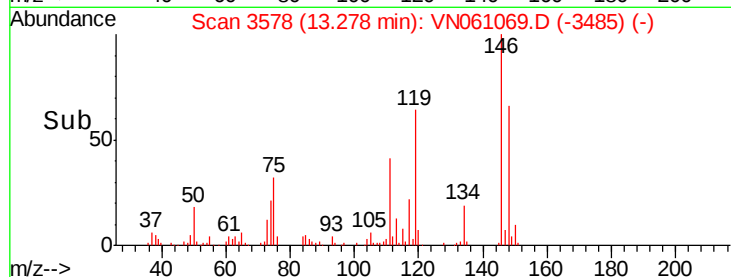
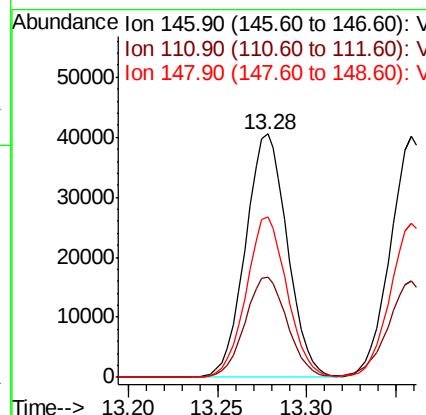
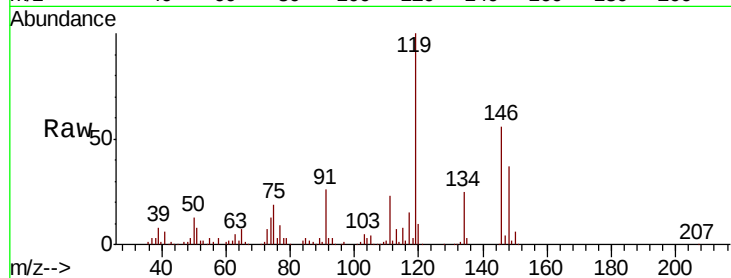




#87
 1,3-Dichlorobenzene
 Concen: 17.999 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

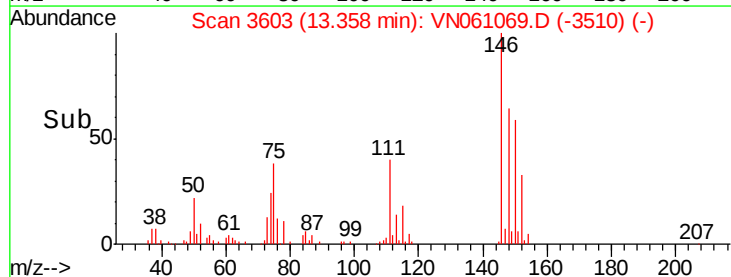
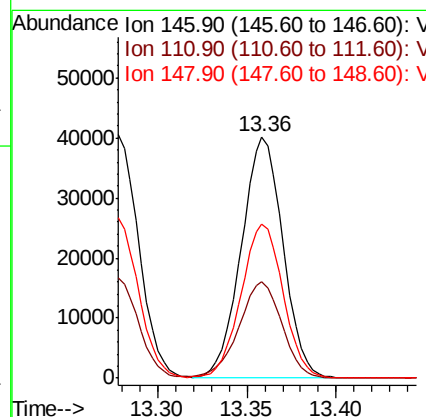
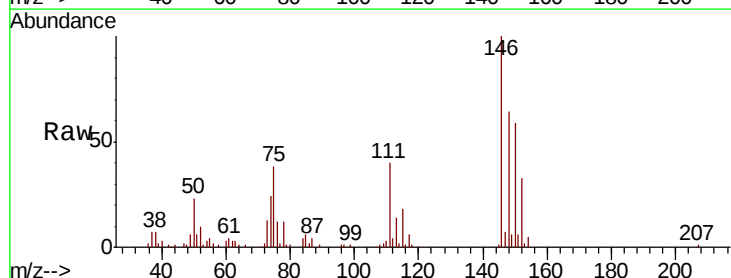
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS02

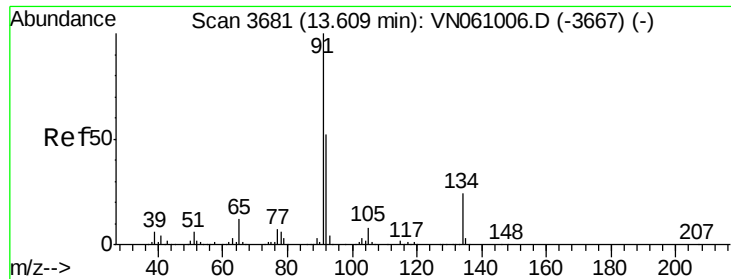
Tot Ion:146 Resp: 66549
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.6 61.8
 148 64.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 17.579 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

Tgt Ion:146 Resp: 65386
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.1 60.3
 148 64.5 32.1 96.3

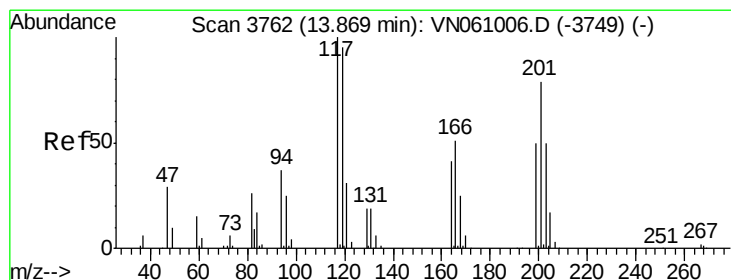
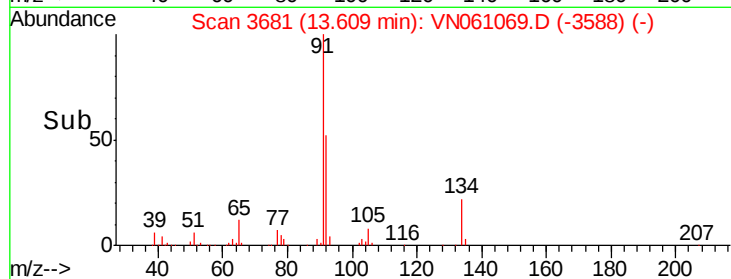
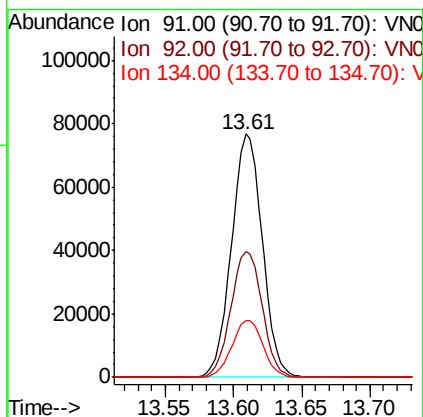
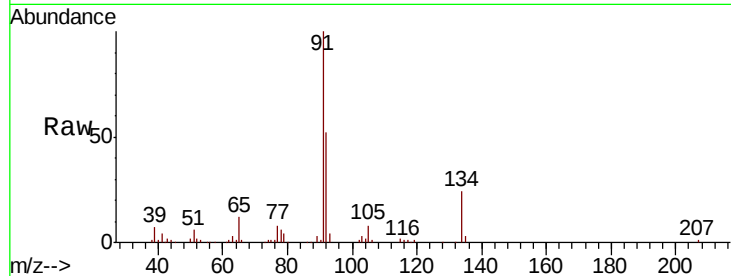




#89
n-Butylbenzene
Concen: 17.367 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

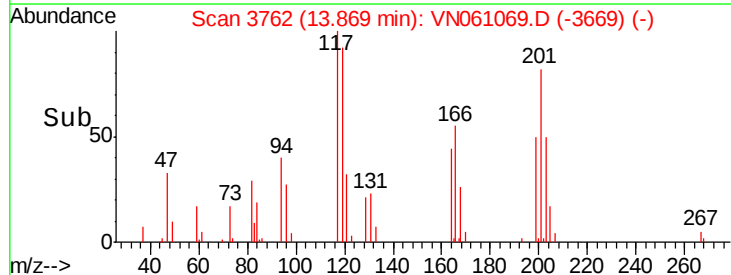
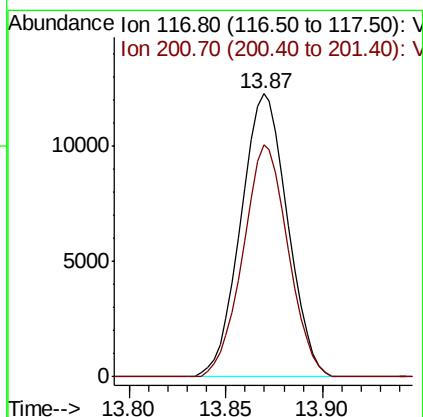
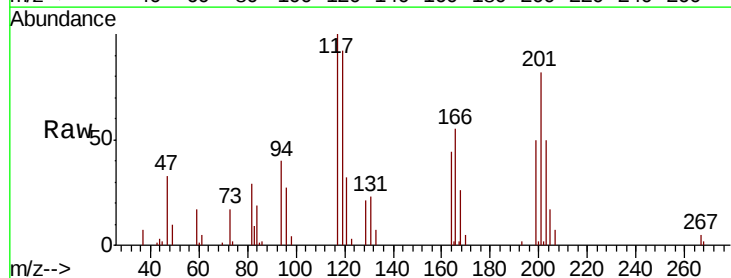
Instrument :
MSVOA_N
ClientSampled :
VN0417WBS02

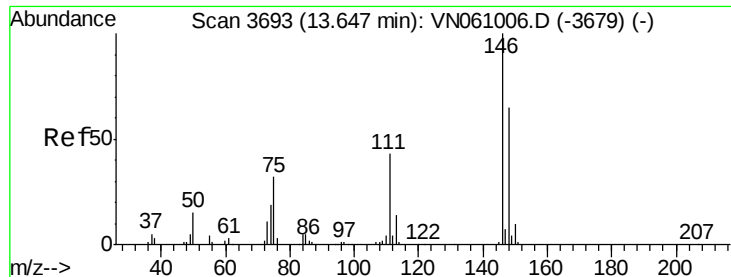
Tot Ion: 91 Resp: 120354
Ion Ratio Lower Upper
91 100
92 52.5 26.1 78.2
134 23.6 12.3 36.8



#90
Hexachloroethane
Concen: 18.016 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN061069.D
Acq: 17 Apr 2020 22:57

Tgt Ion: 117 Resp: 20599
Ion Ratio Lower Upper
117 100
201 79.2 39.3 117.9





#91

1,2-Dichlorobenzene

Concen: 18.174 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Instrument :

MSVOA_N

ClientSampled :

VN0417WBS02

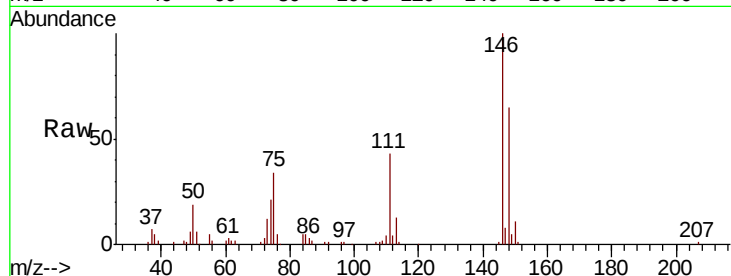
Tot Ion:146 Resp: 64131

Ion Ratio Lower Upper

146 100

111 42.8 21.3 64.0

148 64.5 32.0 96.0

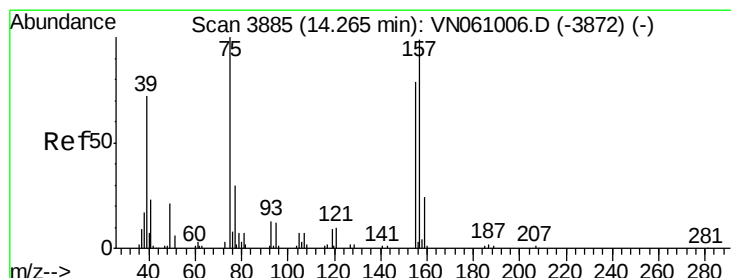
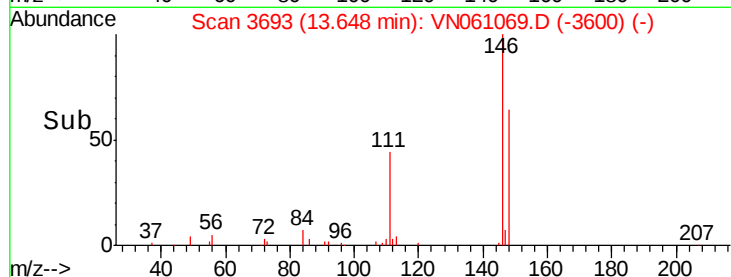
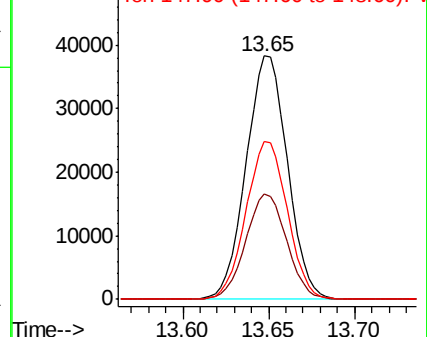


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.446 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

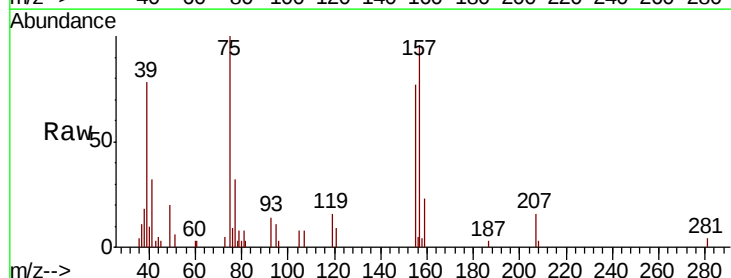
Tgt Ion: 75 Resp: 10208

Ion Ratio Lower Upper

75 100

155 76.9 39.5 118.5

157 96.9 50.1 150.4

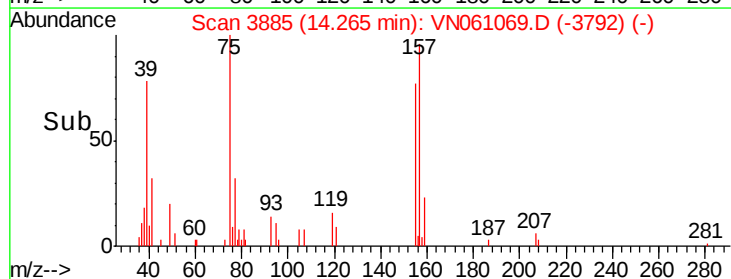
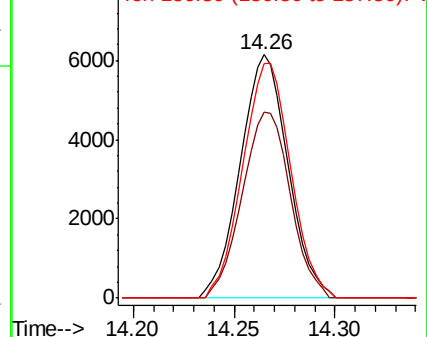


Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

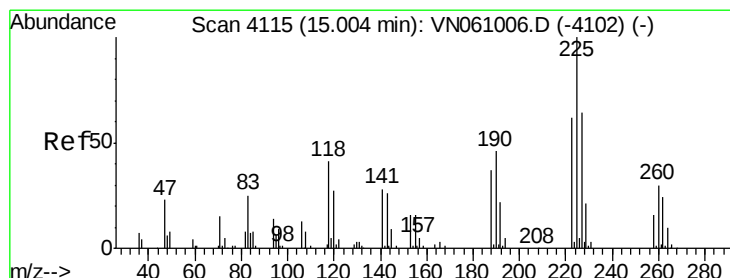
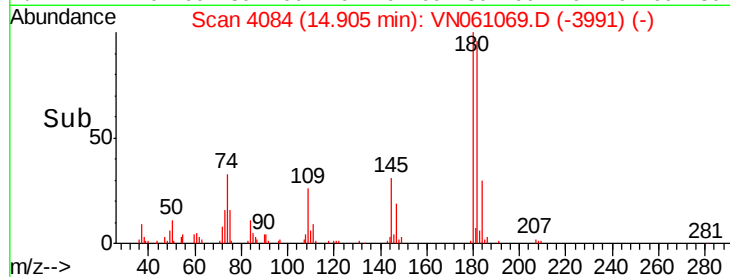
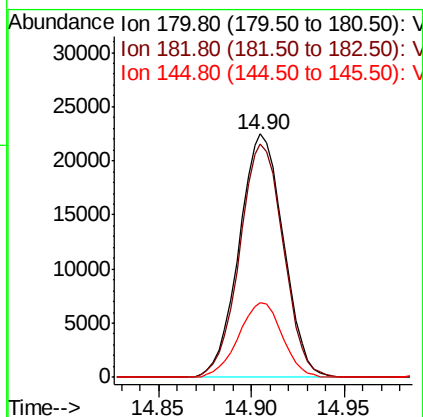
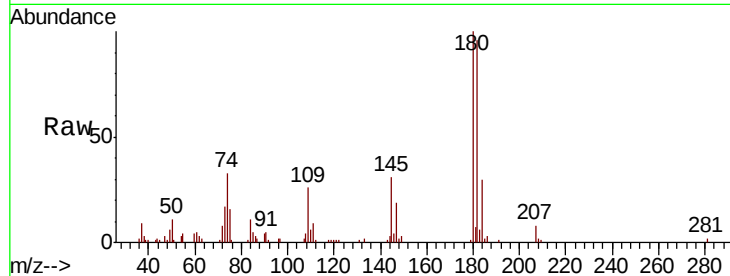




#93
 1,2,4-Trichlorobenzene
 Concen: 17.838 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

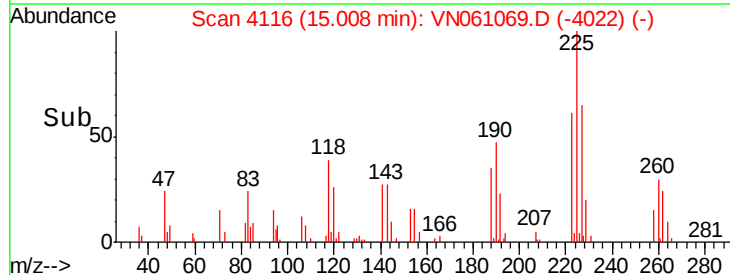
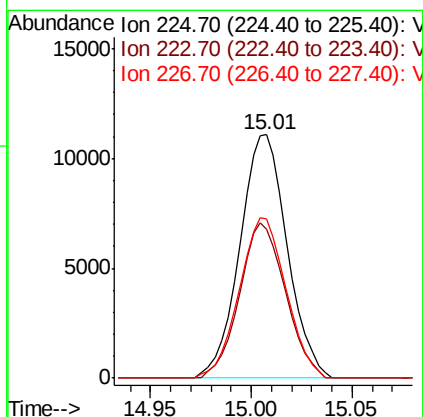
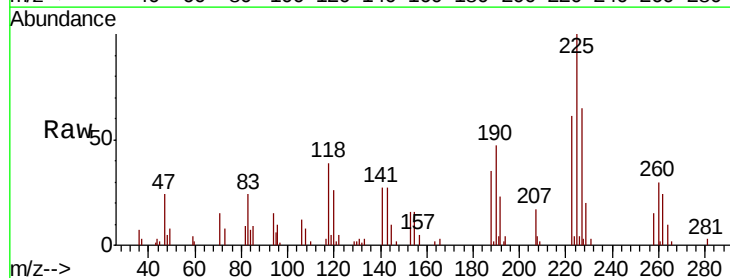
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBS02

Tot Ion:180 Resp: 37257
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.8 143.3
 145 30.3 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 16.899 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN061069.D
 Acq: 17 Apr 2020 22:57

Tgt Ion:225 Resp: 18157
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.3 93.8
 227 65.3 31.9 95.5





#95

Naphthalene

Concen: 18.272 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBS02

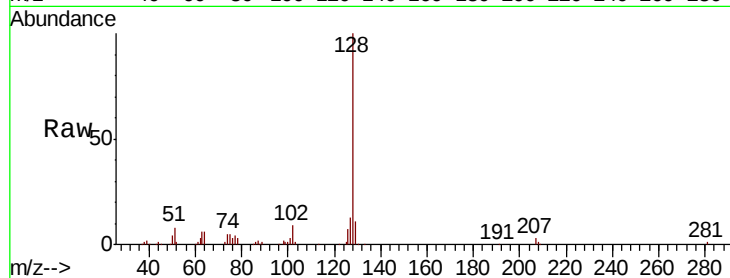
Tot Ion:128 Resp: 111295

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

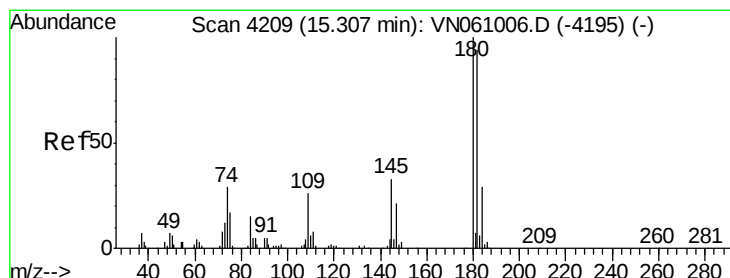
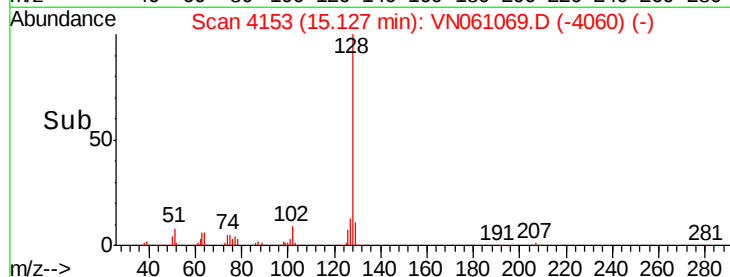
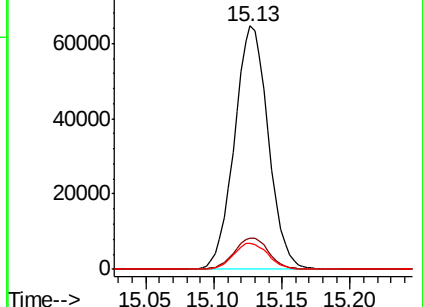
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.180 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN061069.D

Acq: 17 Apr 2020 22:57

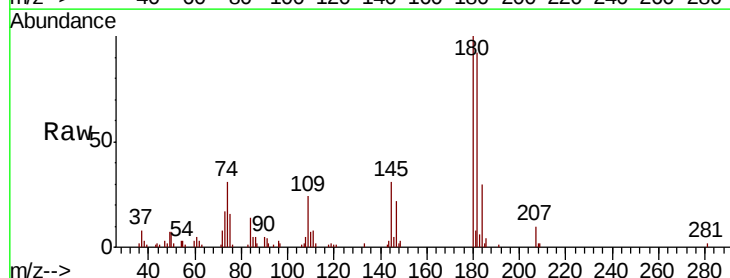
Tgt Ion:180 Resp: 36592

Ion Ratio Lower Upper

180 100

182 95.4 47.6 142.8

145 32.3 16.4 49.2



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

