

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061013.D
 Acq On : 16 Apr 2020 15:49
 Operator : JC/MD
 Sample : VN0416WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS01

Quant Time: Apr 17 03:57:07 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	172722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	287446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	257966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	116665	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	99691	45.11	ug/l	0.00
Spiked Amount						
			Recovery	=	90.22%	
35) Dibromofluoromethane	7.56	113	78798	46.94	ug/l	0.00
Spiked Amount						
			Recovery	=	93.88%	
50) Toluene-d8	10.08	98	282218	44.49	ug/l	0.00
Spiked Amount						
			Recovery	=	88.98%	
62) 4-Bromofluorobenzene	12.39	95	110573	44.48	ug/l	0.00
Spiked Amount						
			Recovery	=	88.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	42989	19.058	ug/l	98
3) Chloromethane	2.04	50	55725	18.191	ug/l	97
4) Vinyl Chloride	2.17	62	46716	18.351	ug/l	99
5) Bromomethane	2.55	94	24558	19.236	ug/l	100
6) Chloroethane	2.69	64	28240	19.230	ug/l	98
7) Trichlorofluoromethane	3.00	101	60938	19.227	ug/l	100
8) Diethyl Ether	3.38	74	23616	18.748	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34990	18.817	ug/l	98
10) Methyl Iodide	3.93	142	33229	20.256	ug/l	99
11) Tert butyl alcohol	4.72	59	31653	80.729	ug/l	98
12) 1,1-Dichloroethene	3.72	96	35606	18.838	ug/l	95
13) Acrolein	3.57	56	25535	77.132	ug/l	99
14) Allyl chloride	4.29	41	64575	18.057	ug/l	99
15) Acrylonitrile	4.94	53	94135	88.548	ug/l	100
16) Acetone	3.78	43	88838	91.334	ug/l	99
17) Carbon Disulfide	4.03	76	109231	18.468	ug/l	99
18) Methyl Acetate	4.28	43	53971	17.695	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	122366	18.567	ug/l	99
20) Methylene Chloride	4.52	84	39214	18.465	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	37470	18.535	ug/l	98
22) Diisopropyl ether	5.91	45	137266	18.481	ug/l	99
23) Vinyl Acetate	5.85	43	529361	90.886	ug/l	100
24) 1,1-Dichloroethane	5.81	63	75224	18.752	ug/l	99
25) 2-Butanone	6.79	43	128477	86.198	ug/l	100
26) 2,2-Dichloropropane	6.79	77	64272	19.242	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	43223	18.623	ug/l	100
28) Bromochloromethane	7.16	49	35410	19.230	ug/l	97
29) Tetrahydrofuran	7.18	42	85988	84.978	ug/l	99
30) Chloroform	7.34	83	70715	18.899	ug/l	98
31) Cyclohexane	7.63	56	74189	18.022	ug/l	95
32) 1,1,1-Trichloroethane	7.54	97	61209	18.912	ug/l	99
36) 1,1-Dichloropropene	7.77	75	56180	18.940	ug/l	100
37) Ethyl Acetate	6.89	43	55230	17.148	ug/l	100
38) Carbon Tetrachloride	7.75	117	47325	19.168	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061013.D
 Acq On : 16 Apr 2020 15:49
 Operator : JC/MD
 Sample : VN0416WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS01

Quant Time: Apr 17 03:57:07 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)
39) Methylcyclohexane	9.06	83	66807	18.839	ug/l	97
40) Benzene	8.02	78	164679	18.714	ug/l	100
41) Methacrylonitrile	7.14	41	26460	19.696	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	57456	19.167	ug/l	100
43) Isopropyl Acetate	8.14	43	94041	17.953	ug/l	99
44) Trichloroethene	8.82	130	41491	18.765	ug/l	99
45) 1,2-Dichloropropane	9.10	63	44403	18.682	ug/l	97
46) Dibromomethane	9.19	93	26438	19.293	ug/l	99
47) Bromodichloromethane	9.38	83	54334	18.768	ug/l	99
48) Methyl methacrylate	9.18	41	41355	17.865	ug/l	98
49) 1,4-Dioxane	9.18	88	10612	339.356	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	267811	88.689	ug/l	100
52) Toluene	10.14	92	99083	18.769	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	63616	18.918	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	69707	18.999	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	37348	18.695	ug/l	97
56) Ethyl methacrylate	10.42	69	57480	18.297	ug/l	99
57) 1,3-Dichloropropane	10.69	76	66630	18.698	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	118907	83.299	ug/l	99
59) 2-Hexanone	10.74	43	188551	86.582	ug/l	99
60) Dibromochloromethane	10.89	129	38432	18.727	ug/l	100
61) 1,2-Dibromoethane	10.99	107	37777	18.557	ug/l	99
64) Tetrachloroethene	10.62	164	38337	19.421	ug/l	98
65) Chlorobenzene	11.42	112	99148	18.618	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	36250	19.026	ug/l	99
67) Ethyl Benzene	11.50	91	189845	18.952	ug/l	99
68) m/p-Xylenes	11.61	106	138933	38.377	ug/l	99
69) o-Xylene	11.94	106	65855	18.920	ug/l	99
70) Styrene	11.96	104	106765	19.053	ug/l	99
71) Bromoform	12.12	173	26375	18.546	ug/l #	99
73) Isopropylbenzene	12.24	105	179468	19.201	ug/l	100
74) N-amyl acetate	12.06	43	76923	17.698	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	52818	18.512	ug/l	99
76) 1,2,3-Trichloropropane	12.54	75	70988	27.663	ug/l #	100
77) Bromobenzene	12.52	156	41655	19.088	ug/l	96
78) n-propylbenzene	12.58	91	212660	19.447	ug/l	100
79) 2-Chlorotoluene	12.67	91	124616	19.430	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	150270	19.451	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	17962	17.265	ug/l	99
82) 4-Chlorotoluene	12.77	91	127753	19.206	ug/l	99
83) tert-Butylbenzene	12.99	119	126441	19.461	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	151144	19.792	ug/l	99
85) sec-Butylbenzene	13.17	105	171051	19.430	ug/l	100
86) p-Isopropyltoluene	13.28	119	154370	19.692	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	73298	18.847	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	71485	18.271	ug/l	97
89) n-Butylbenzene	13.61	91	139818	19.180	ug/l	100
90) Hexachloroethane	13.87	117	22733	18.902	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	70267	18.930	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	10118	18.324	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
Data File : VN061013.D
Acq On : 16 Apr 2020 15:49
Operator : JC/MD
Sample : VN0416WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

Quant Time: Apr 17 03:57:07 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

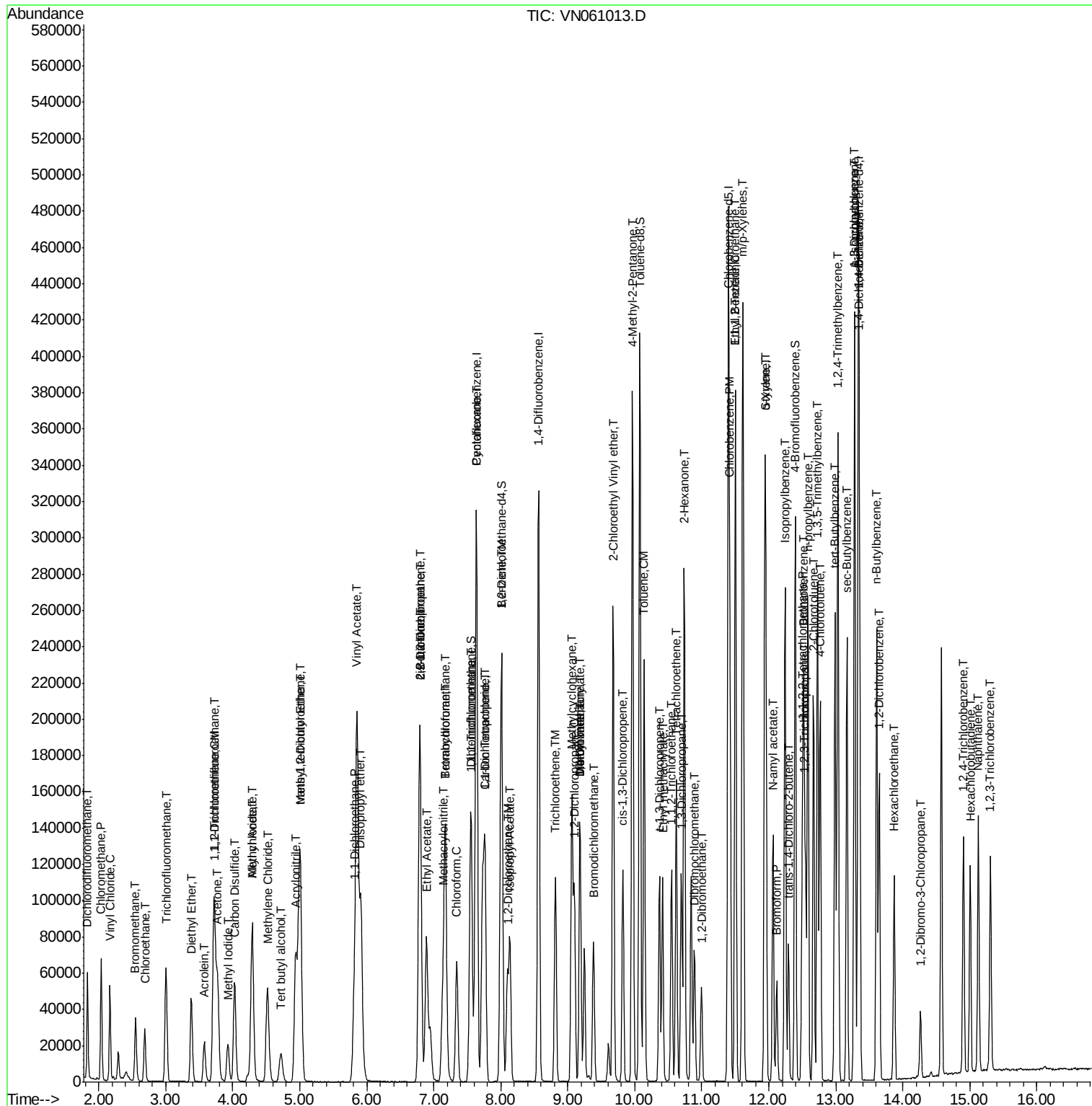
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	41255	18.778	ug/l	99
94) Hexachlorobutadiene	15.00	225	21860	19.342	ug/l	99
95) Naphthalene	15.13	128	114277	17.836	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	39636	18.721	ug/l	99

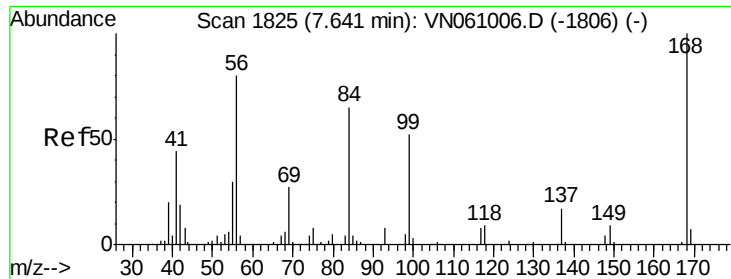
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041620\
Data File : VN061013.D
Acq On : 16 Apr 2020 15:49
Operator : JC/MD
Sample : VN0416WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

Quant Time: Apr 17 03:57:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

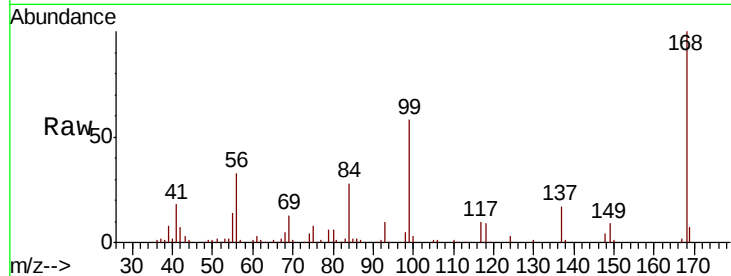
VN0416WBS01

Tot Ion:168 Resp: 172722

Ion Ratio Lower Upper

168 100

99 58.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

40000

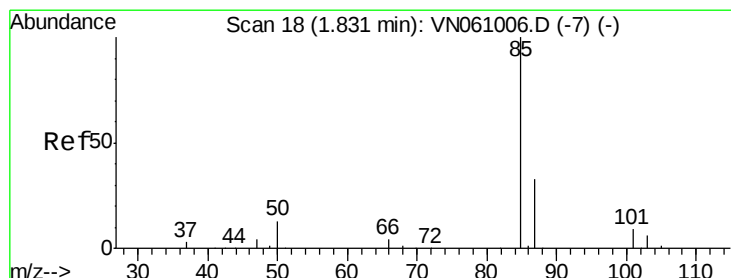
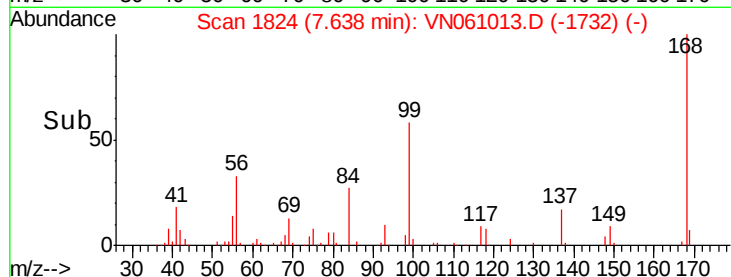
20000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.058 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061013.D

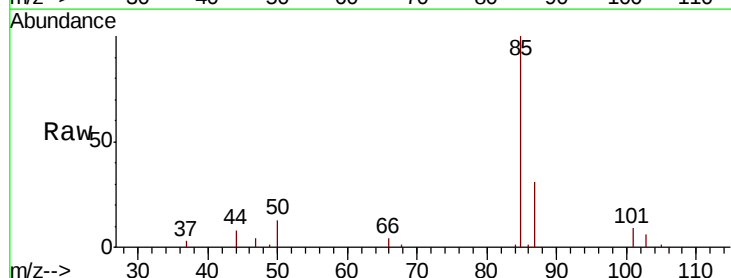
Acq: 16 Apr 2020 15:49

Tgt Ion: 85 Resp: 42989

Ion Ratio Lower Upper

85 100

87 31.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

20000

10000

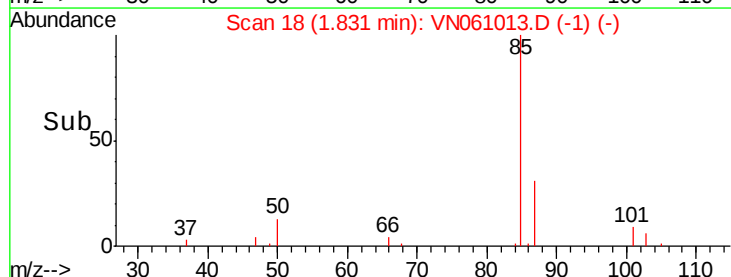
0

1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 18.191 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

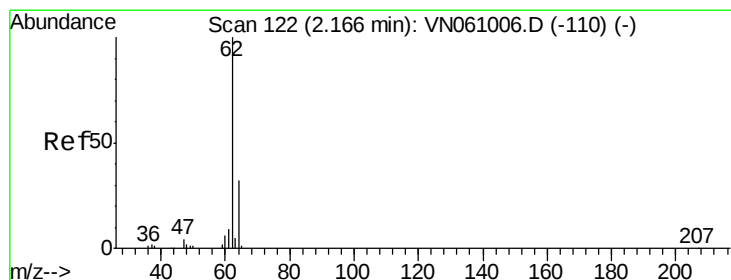
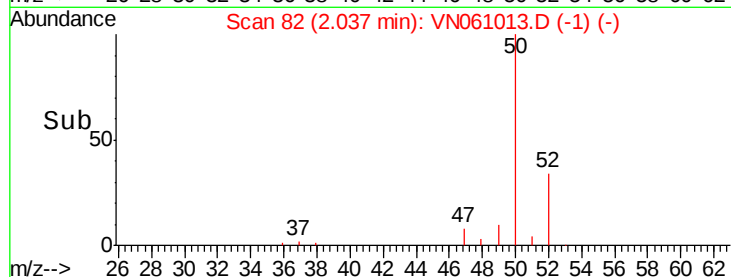
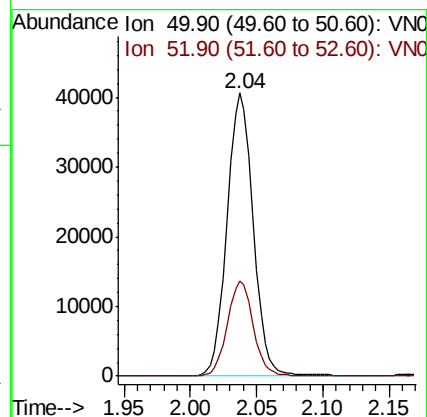
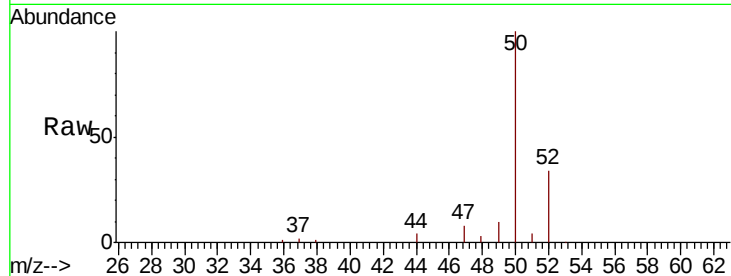
VN0416WBS01

Tot Ion: 50 Resp: 55725

Ion Ratio Lower Upper

50 100

52 33.8 25.6 38.4



#4

Vinyl Chloride

Concen: 18.351 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN061013.D

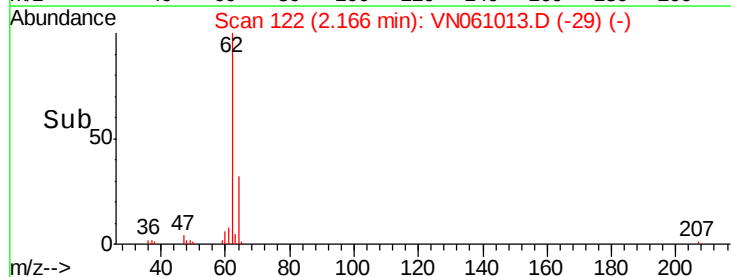
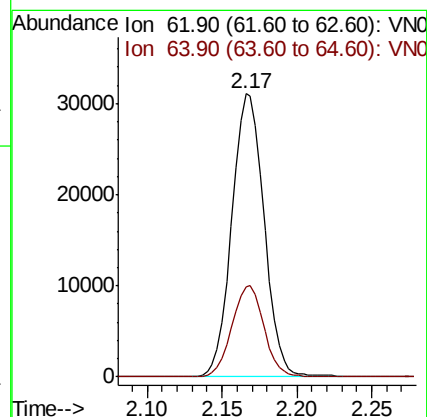
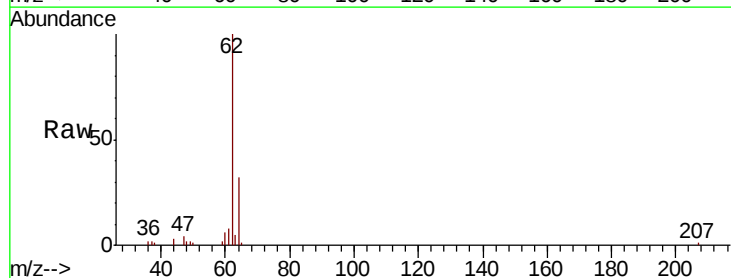
Acq: 16 Apr 2020 15:49

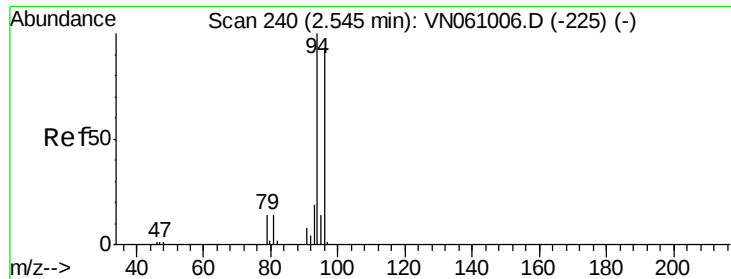
Tgt Ion: 62 Resp: 46716

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0





#5

Bromomethane

Concen: 19.236 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

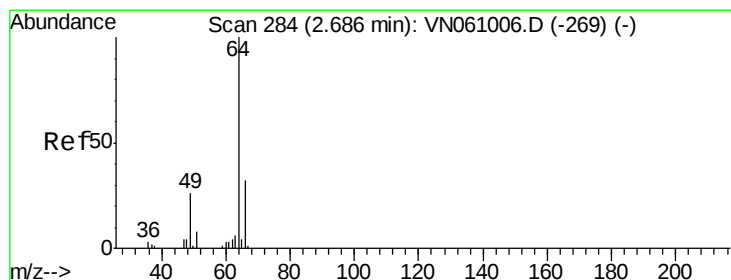
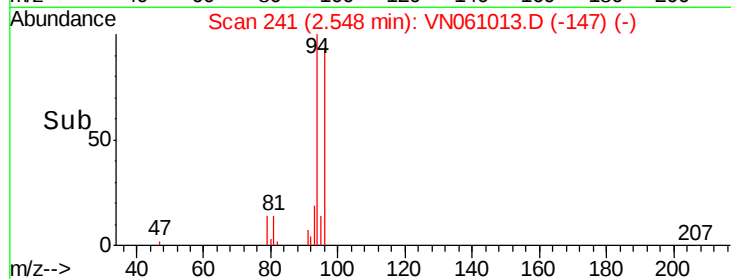
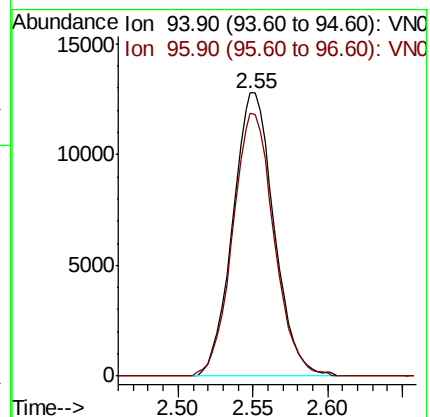
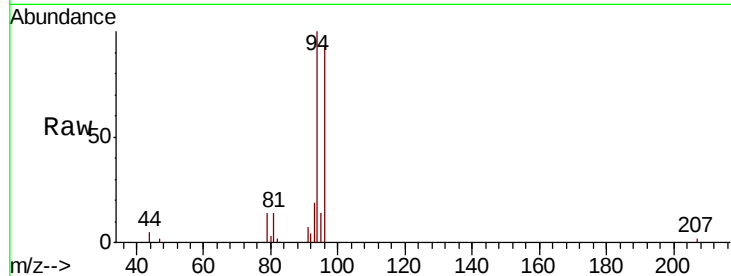
VN0416WBS01

Tot Ion: 94 Resp: 24558

Ion Ratio Lower Upper

94 100

96 92.9 74.3 111.5



#6

Chloroethane

Concen: 19.230 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN061013.D

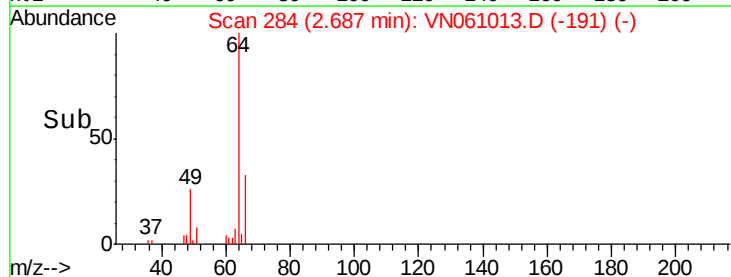
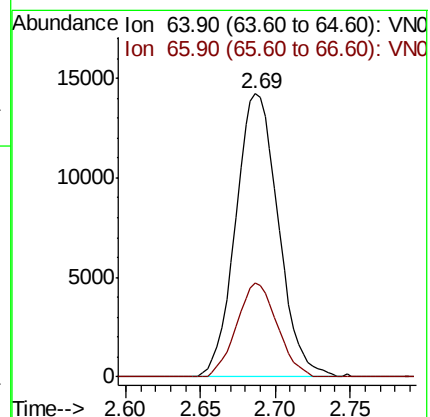
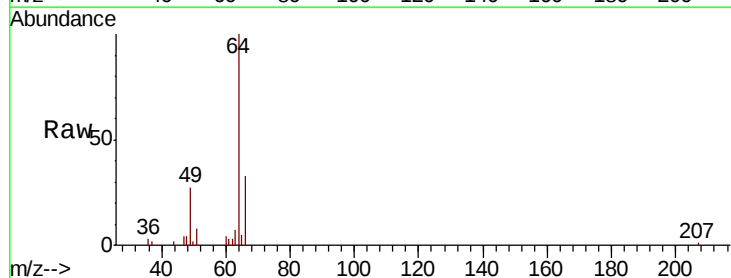
Acq: 16 Apr 2020 15:49

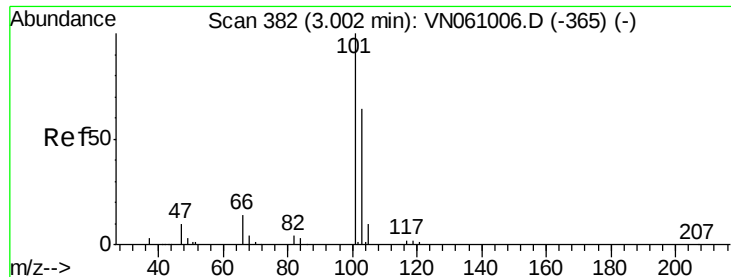
Tgt Ion: 64 Resp: 28240

Ion Ratio Lower Upper

64 100

66 33.4 25.8 38.8



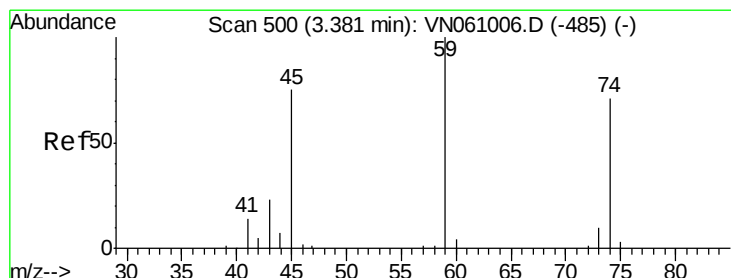
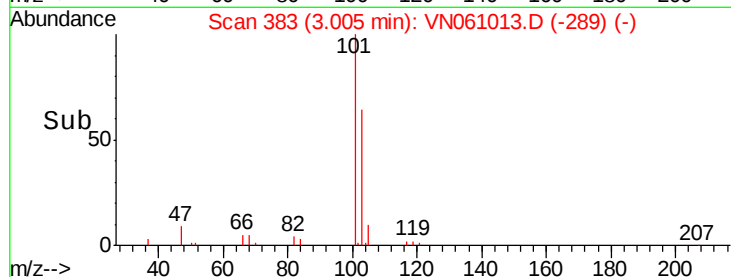
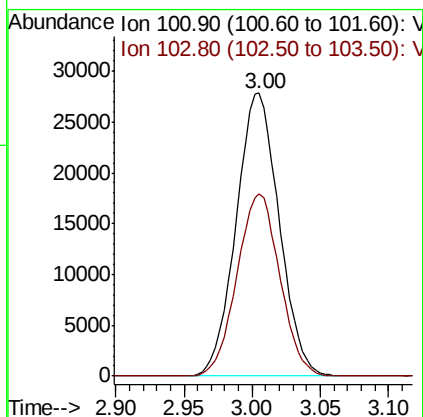
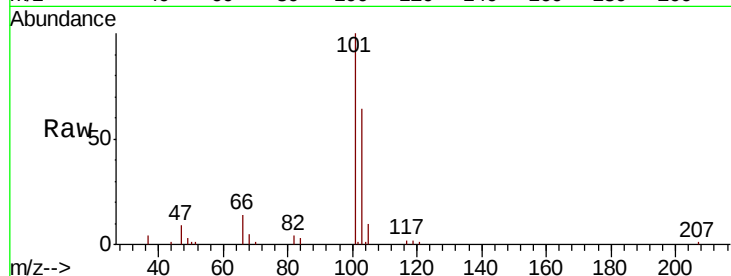


#7

Trichlorofluoromethane
 Concen: 19.227 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN061013.D
 Acq: 16 Apr 2020 15:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS01

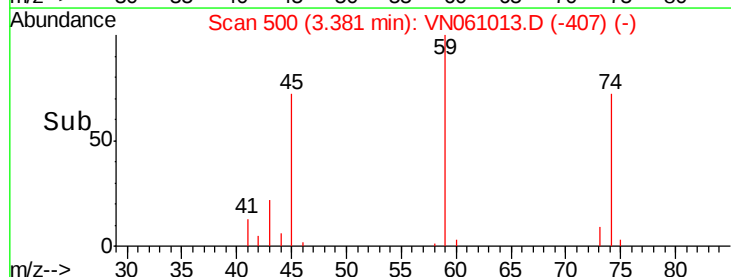
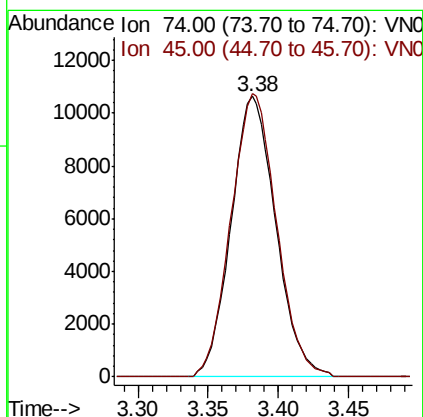
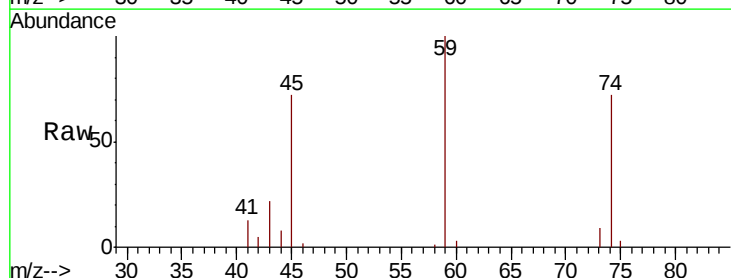
Tot Ion:101 Resp: 60938
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.2

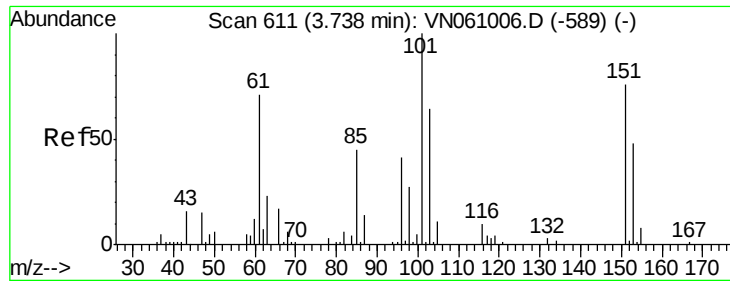


#8

Diethyl Ether
 Concen: 18.748 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: VN061013.D
 Acq: 16 Apr 2020 15:49

Tgt Ion: 74 Resp: 23616
 Ion Ratio Lower Upper
 74 100
 45 102.5 52.9 158.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.817 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS01

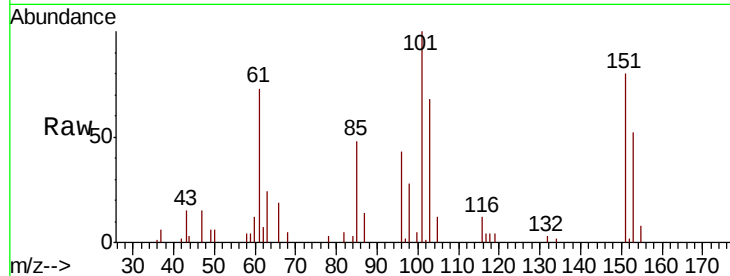
Tot Ion:101 Resp: 34990

Ion Ratio Lower Upper

101 100

85 46.3 35.9 53.9

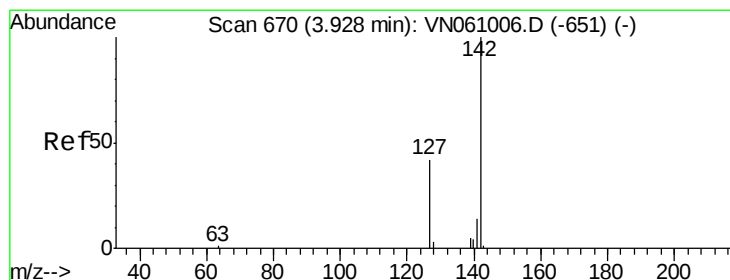
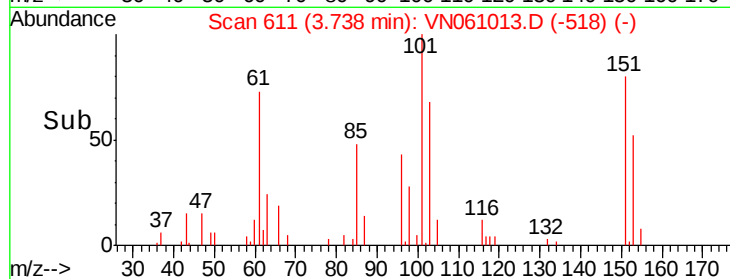
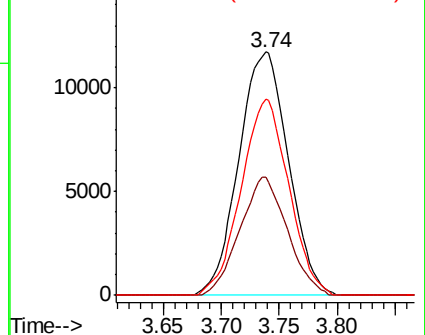
151 77.4 60.8 91.2



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: 20.256 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

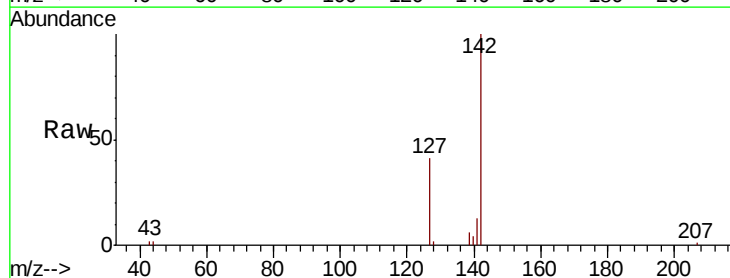
Tgt Ion:142 Resp: 33229

Ion Ratio Lower Upper

142 100

127 42.5 33.4 50.2

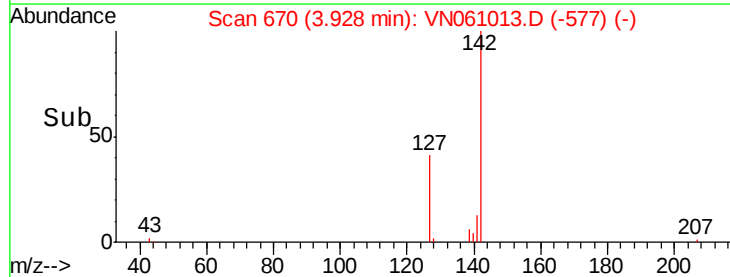
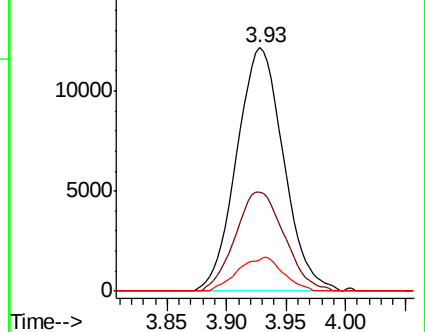
141 13.5 11.0 16.6

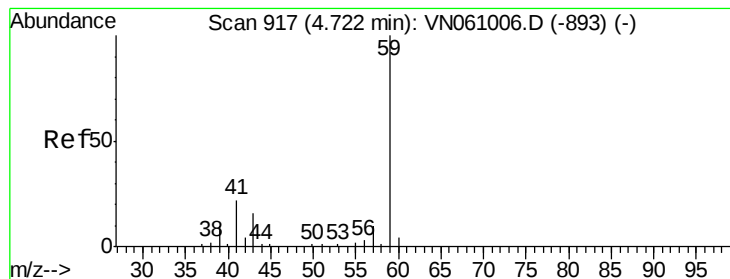


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



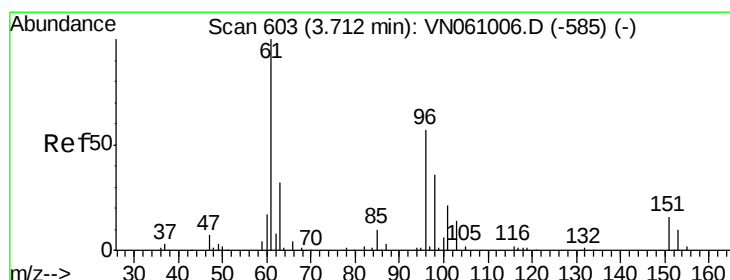
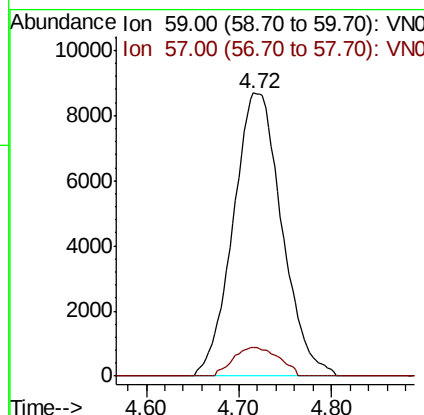
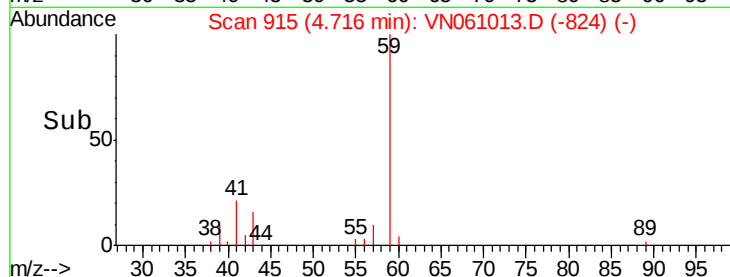
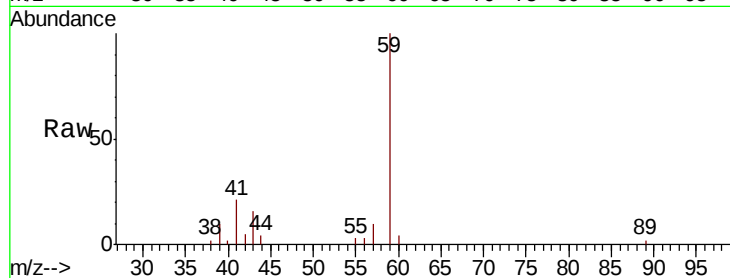


#11

Tert butyl alcohol
 Concen: 80.729 ug/l
 RT: 4.72 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VN061013.D
 Acq: 16 Apr 2020 15:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS01

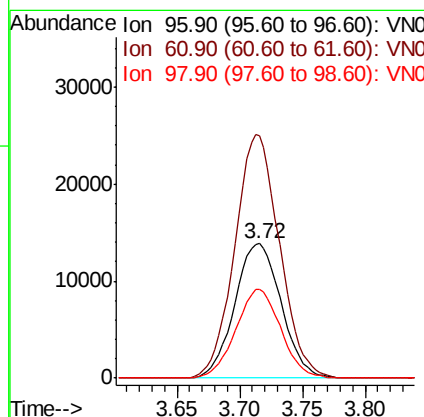
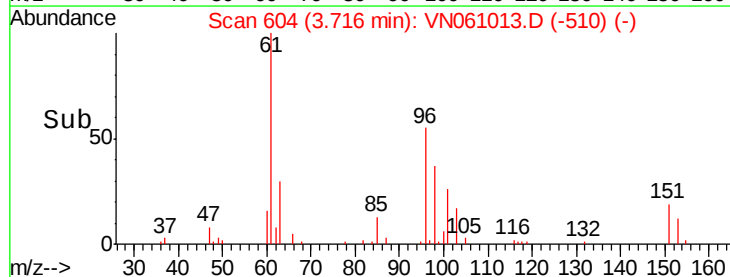
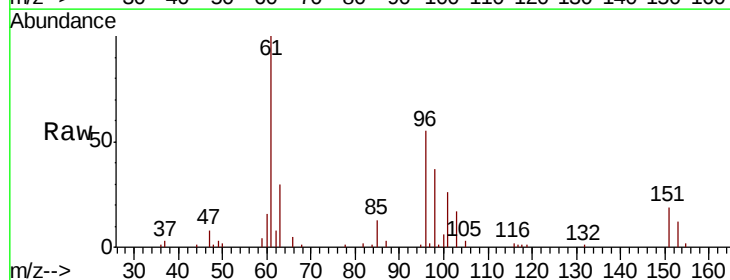
Tot Ion: 59 Resp: 31653
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.1 12.1



#12

1,1-Dichloroethene
 Concen: 18.838 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN061013.D
 Acq: 16 Apr 2020 15:49

Tgt Ion: 96 Resp: 35606
 Ion Ratio Lower Upper
 96 100
 61 180.3 139.2 208.8
 98 66.5 50.0 75.0





#13

Acrolein

Concen: 77.132 ug/l

RT: 3.57 min Scan# 560

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

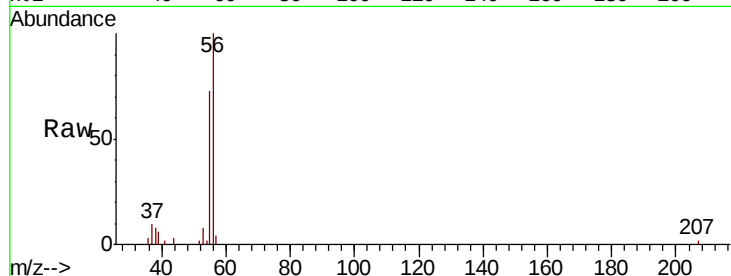
VN0416WBS01

Tot Ion: 56 Resp: 25535

Ion Ratio Lower Upper

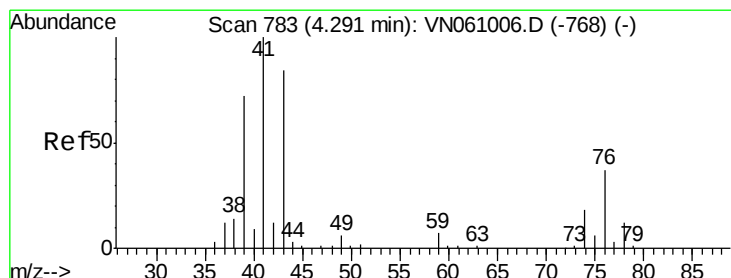
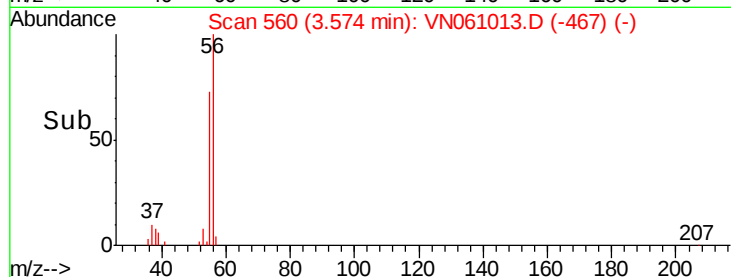
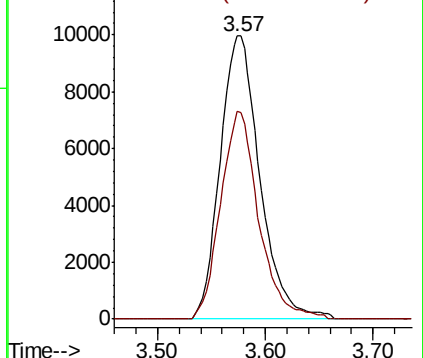
56 100

55 70.5 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.057 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

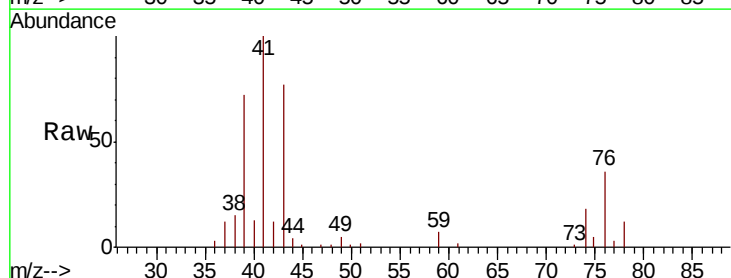
Tgt Ion: 41 Resp: 64575

Ion Ratio Lower Upper

41 100

39 70.9 56.3 84.5

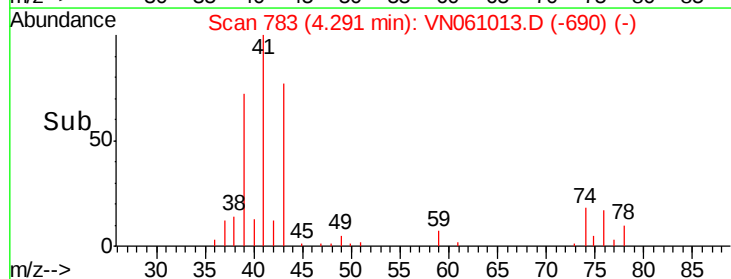
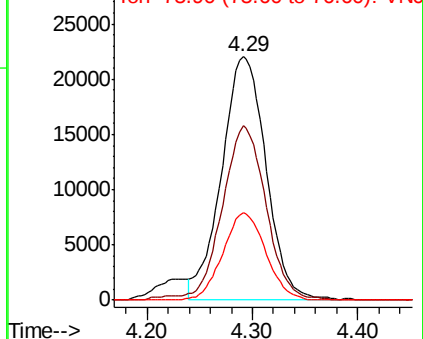
76 34.5 27.7 41.5

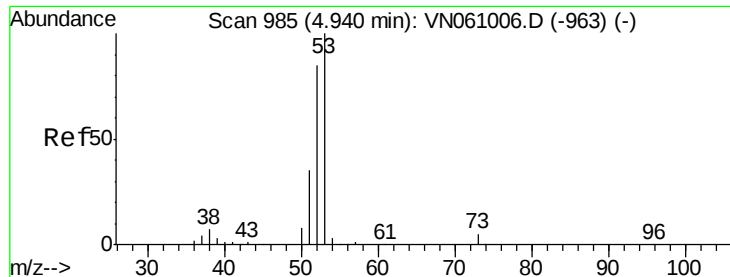


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 88.548 ug/l

RT: 4.94 min Scan# 984

Delta R.T. -0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS01

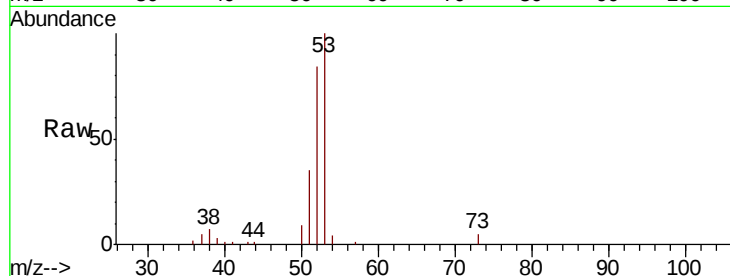
Tot Ion: 53 Resp: 94135

Ion Ratio Lower Upper

53 100

52 83.4 66.8 100.2

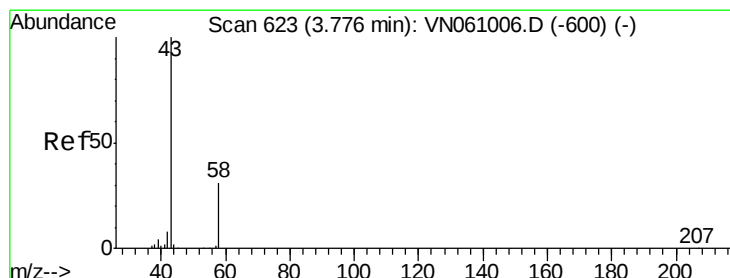
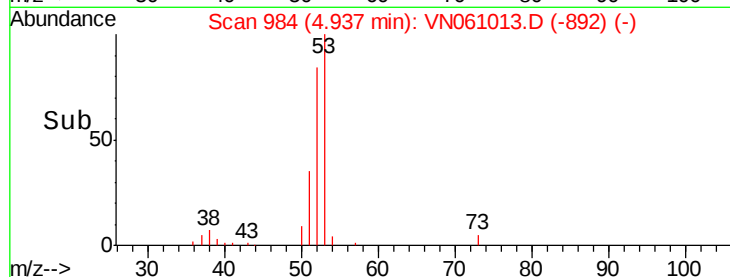
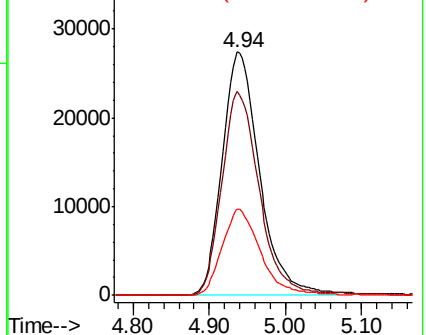
51 36.2 28.9 43.3



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: 91.334 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061013.D

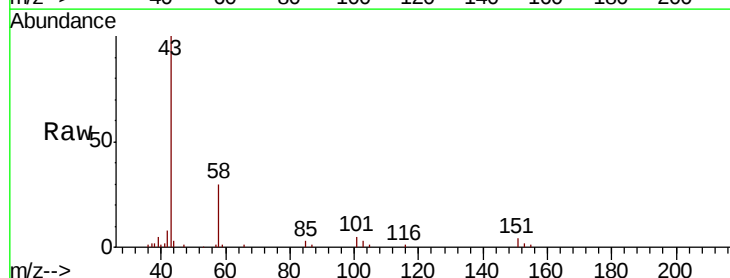
Acq: 16 Apr 2020 15:49

Tgt Ion: 43 Resp: 88838

Ion Ratio Lower Upper

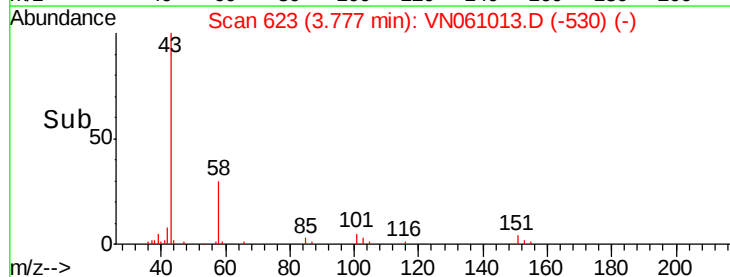
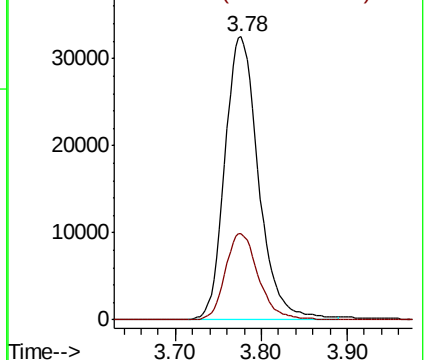
43 100

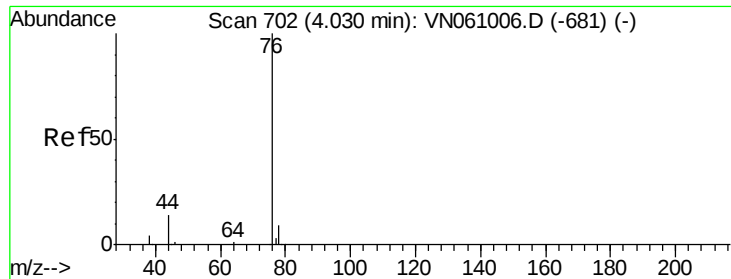
58 30.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.468 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

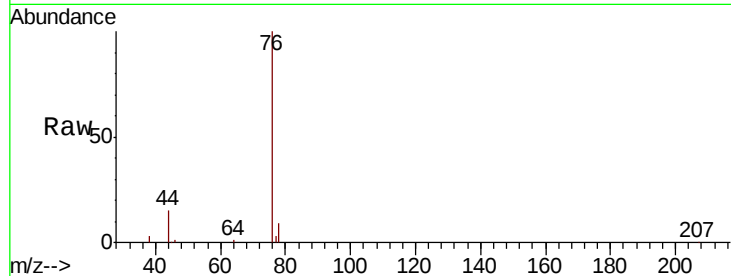
VN0416WBS01

Tot Ion: 76 Resp: 109231

Ion Ratio Lower Upper

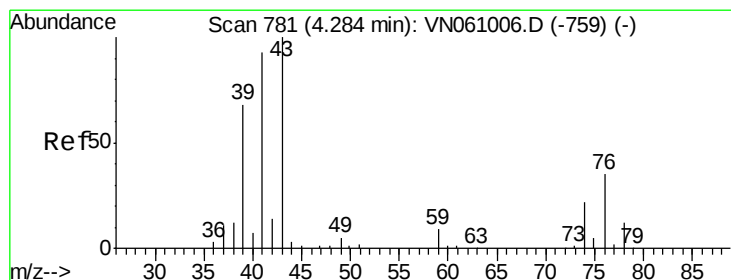
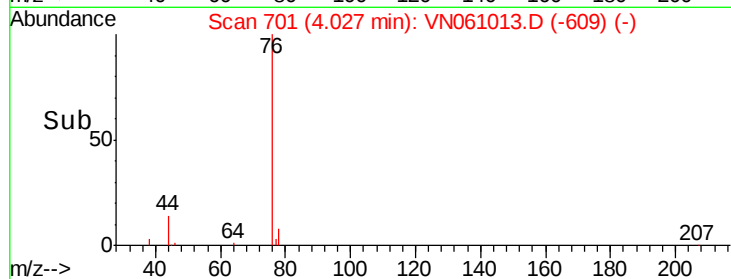
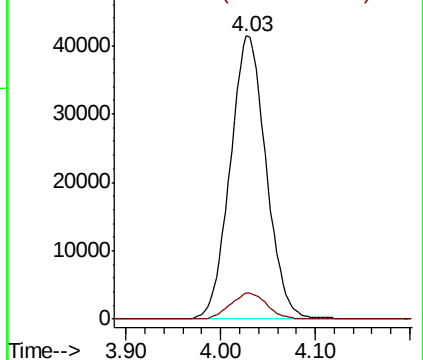
76 100

78 9.3 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 17.695 ug/l

RT: 4.28 min Scan# 780

Delta R.T. -0.00 min

Lab File: VN061013.D

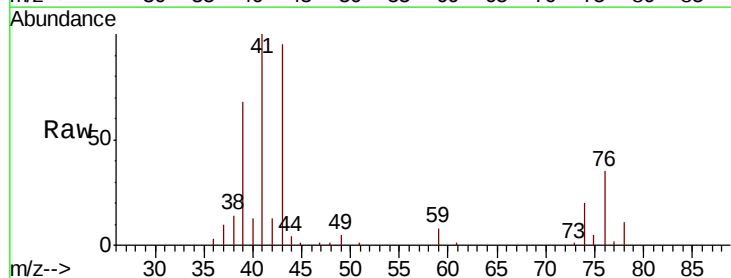
Acq: 16 Apr 2020 15:49

Tgt Ion: 43 Resp: 53971

Ion Ratio Lower Upper

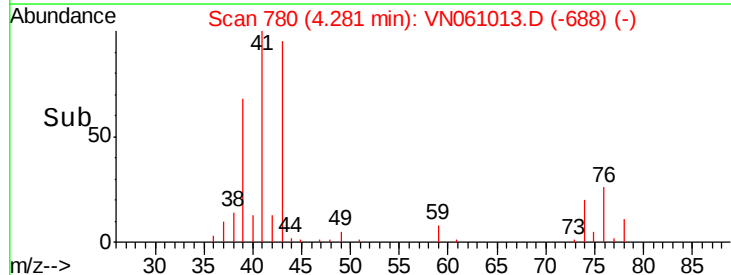
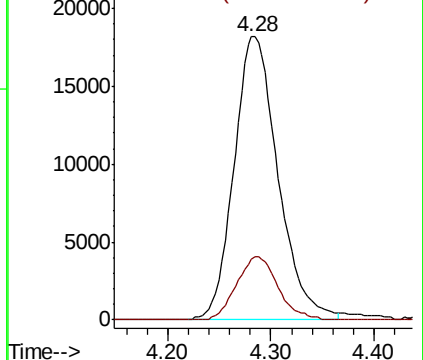
43 100

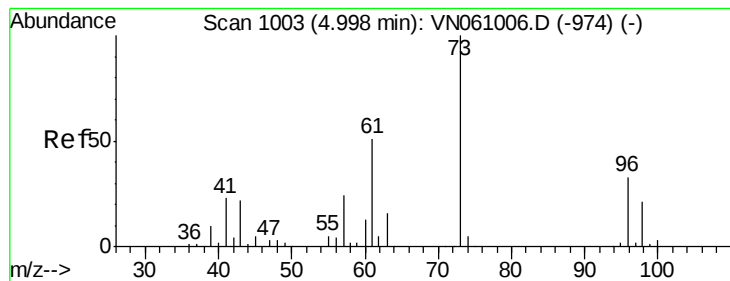
74 20.9 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



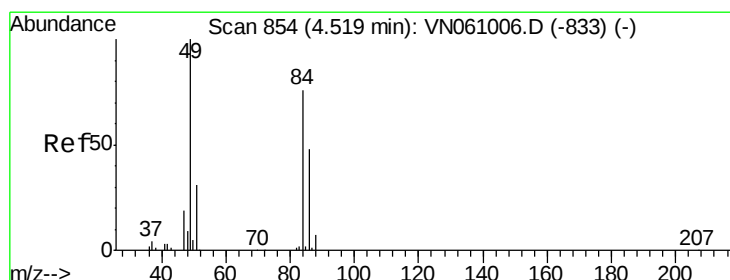
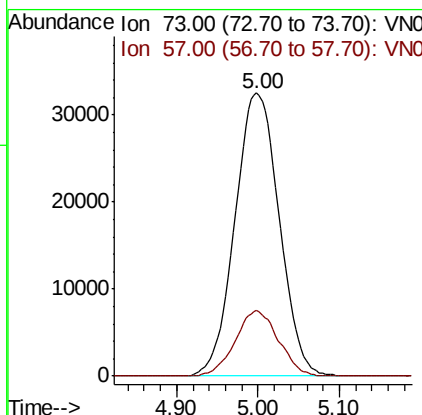
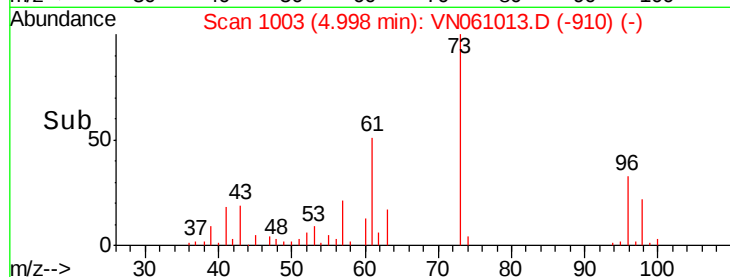
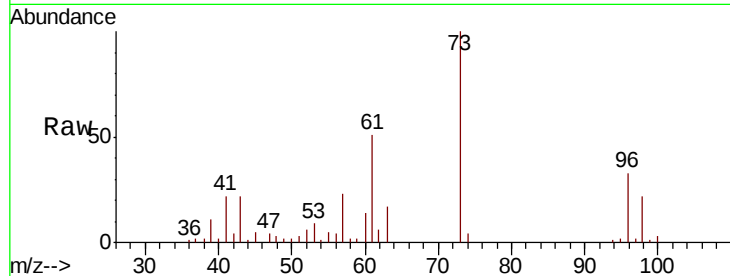


#19

Methyl tert-butyl Ether
 Concen: 18.567 ug/l
 RT: 5.00 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: VN061013.D
 Acq: 16 Apr 2020 15:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS01

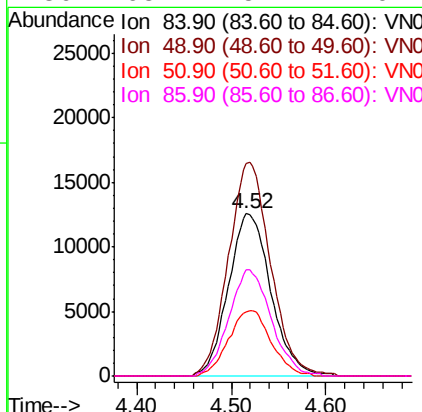
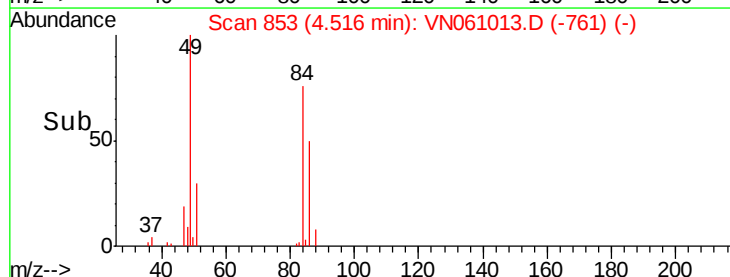
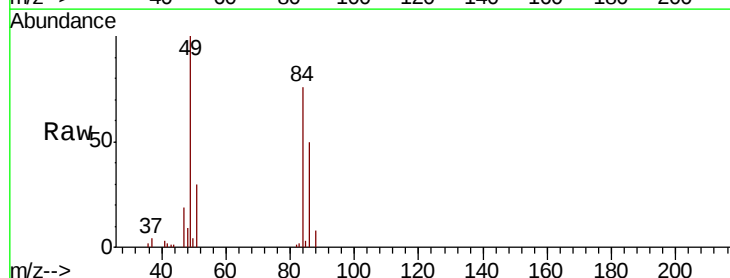
Tot Ion: 73 Resp: 122366
 Ion Ratio Lower Upper
 73 100
 57 23.2 19.0 28.4

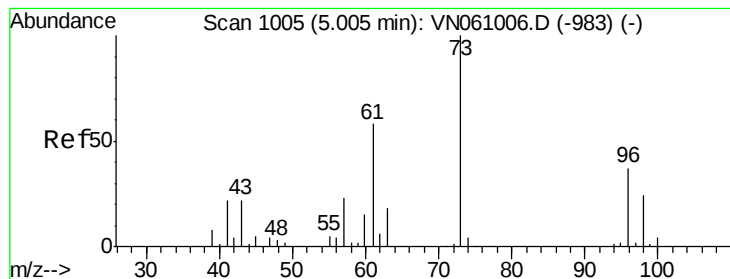


#20

Methylene Chloride
 Concen: 18.465 ug/l
 RT: 4.52 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: VN061013.D
 Acq: 16 Apr 2020 15:49

Tgt Ion: 84 Resp: 39214
 Ion Ratio Lower Upper
 84 100
 49 131.0 105.8 158.6
 51 39.7 32.4 48.6
 86 65.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.535 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS01

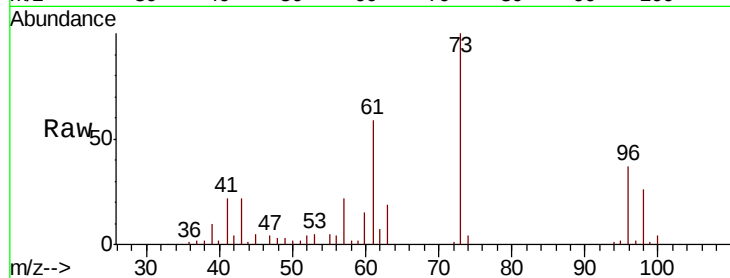
Tot Ion: 96 Resp: 37470

Ion Ratio Lower Upper

96 100

61 156.0 124.8 187.2

98 69.4 51.3 76.9

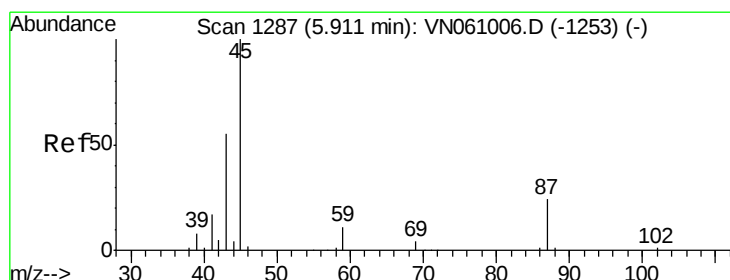
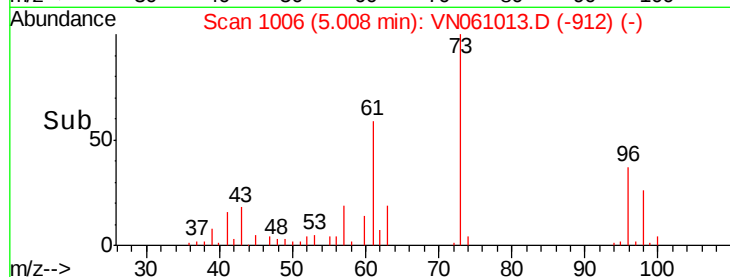
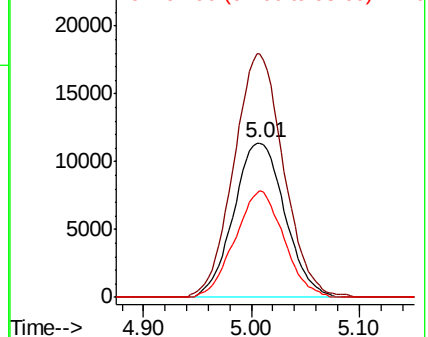


Abundance

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: 18.481 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Tgt Ion: 45 Resp: 137266

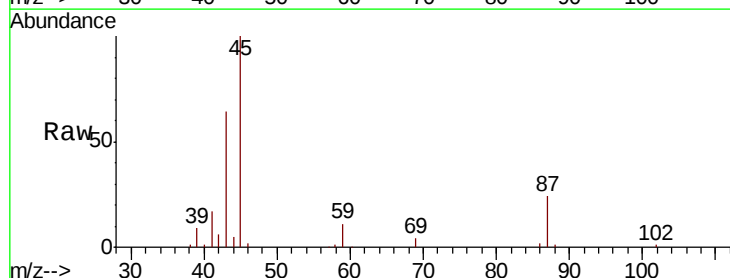
Ion Ratio Lower Upper

45 100

43 62.3 48.6 72.8

87 24.2 19.4 29.2

59 10.9 8.6 12.8



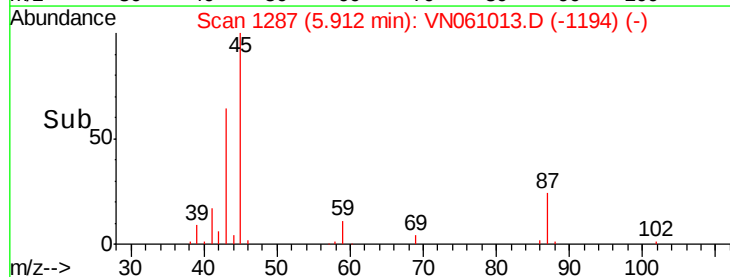
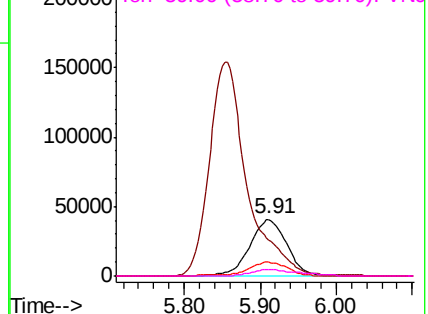
Abundance

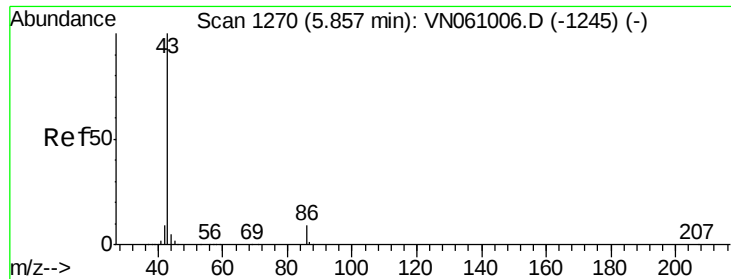
Ion 45.00 (44.70 to 45.70): VN0

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: 90.886 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

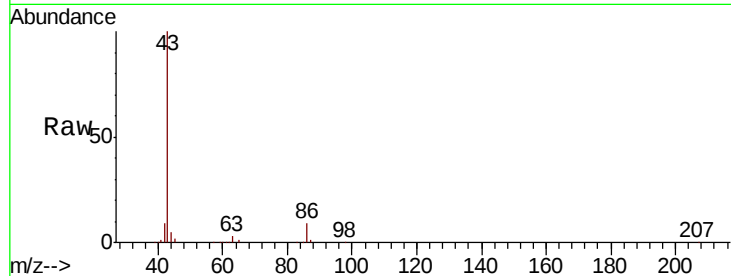
VN0416WBS01

Tot Ion: 43 Resp: 529361

Ion Ratio Lower Upper

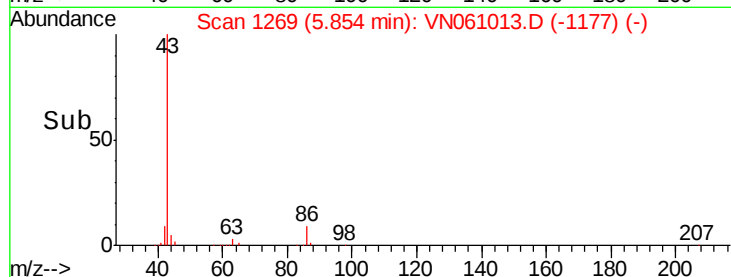
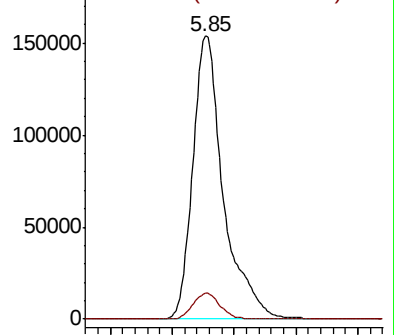
43 100

86 9.2 7.3 10.9

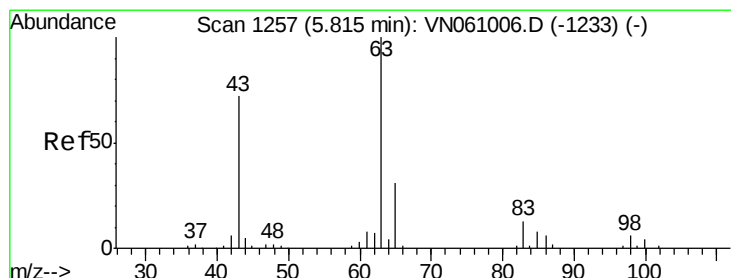


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time-->



#24

1,1-Dichloroethane

Concen: 18.752 ug/l

RT: 5.81 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

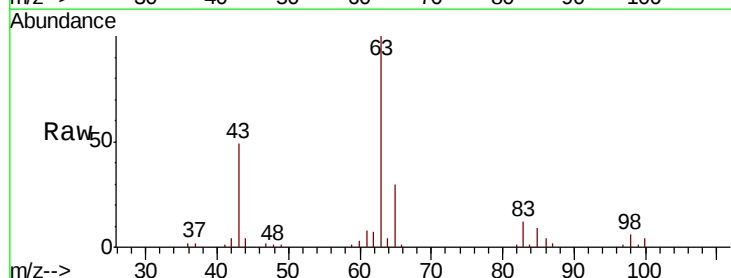
Tgt Ion: 63 Resp: 75224

Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

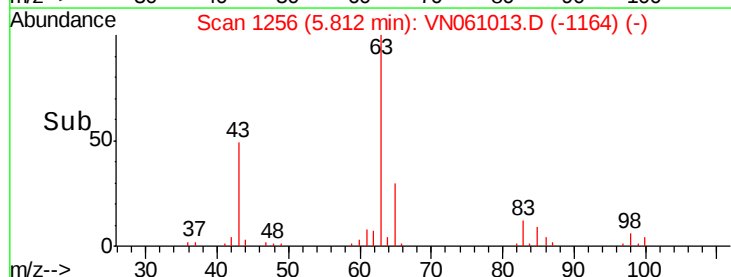
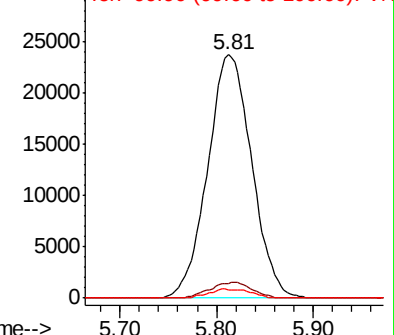
100 3.5 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



Time-->



#25

2-Butanone

Concen: 86.198 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampled :

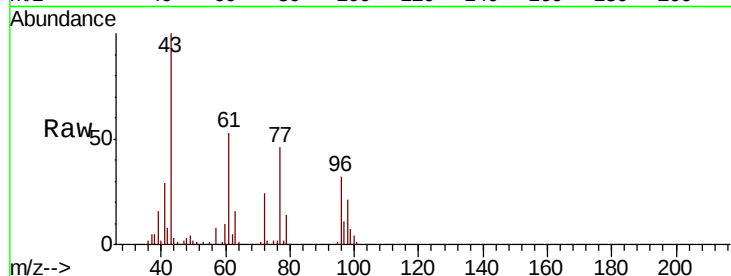
VN0416WBS01

Tot Ion: 43 Resp: 128477

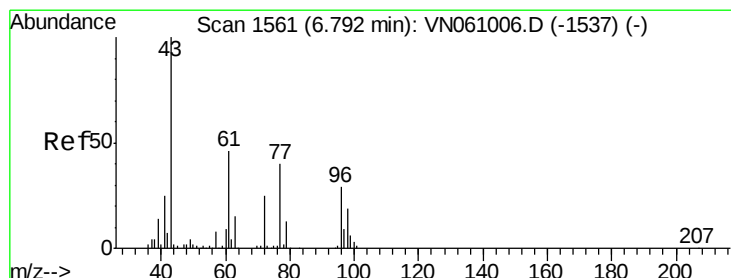
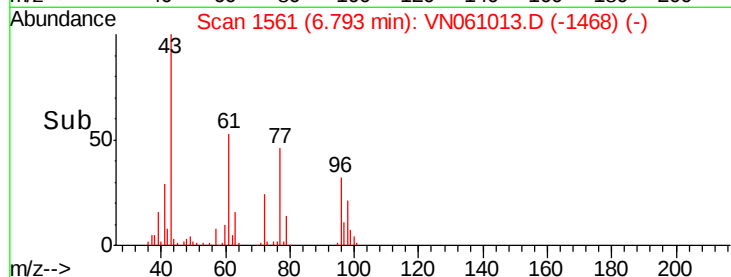
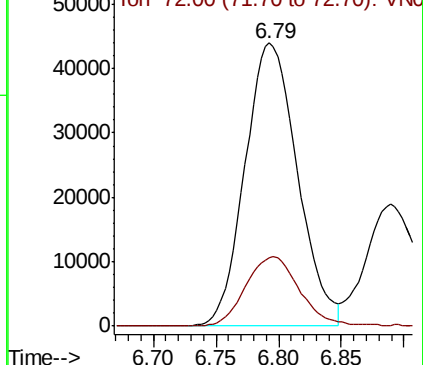
Ion Ratio Lower Upper

43 100

72 24.4 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VN061013.D (-1468) (-)



#26

2,2-Dichloropropane

Concen: 19.242 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VN061013.D

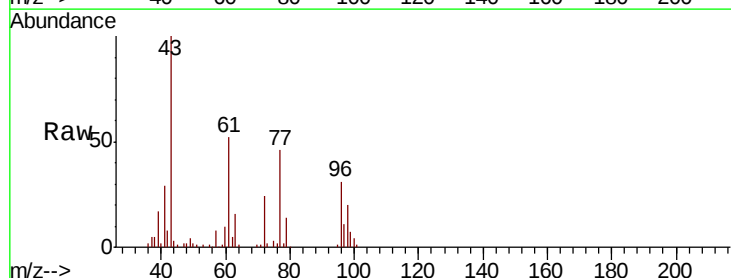
Acq: 16 Apr 2020 15:49

Tgt Ion: 77 Resp: 64272

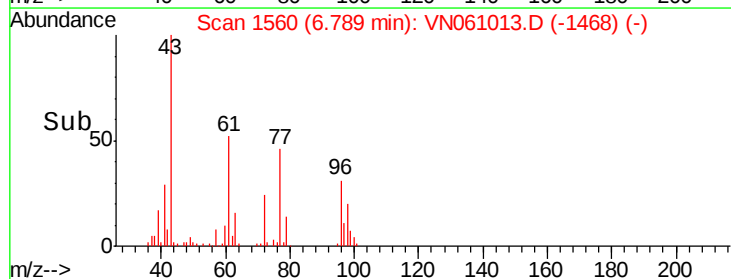
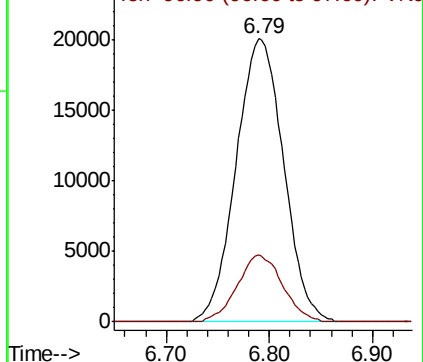
Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VN061013.D (-1468) (-)

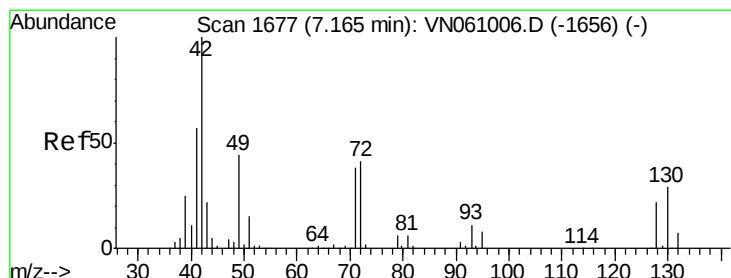
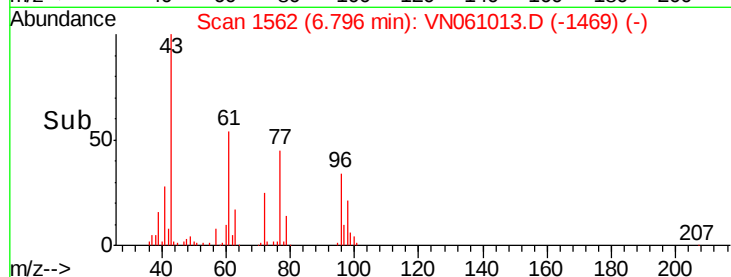
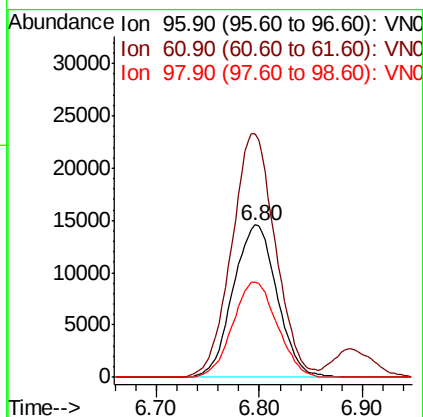
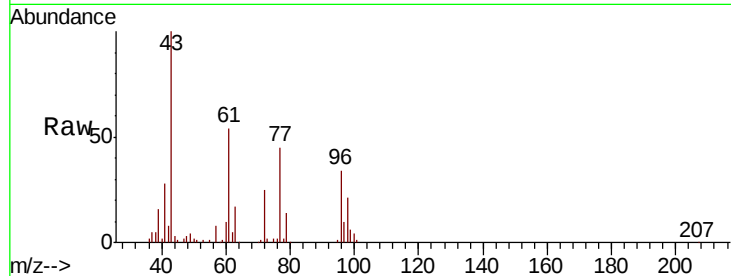




#27
 cis-1,2-Dichloroethene
 Concen: 18.623 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: VN061013.D
 Acq: 16 Apr 2020 15:49

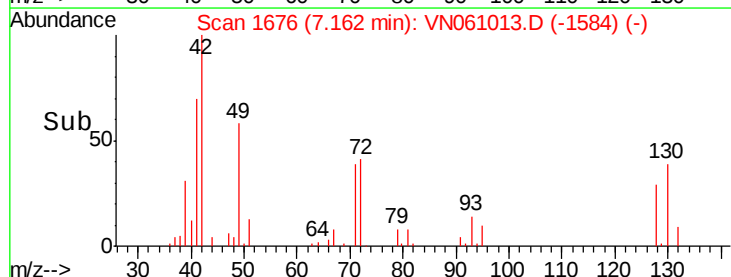
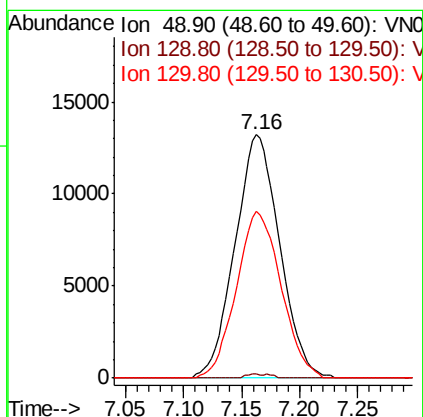
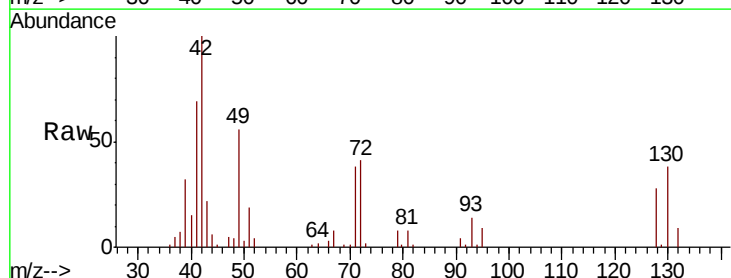
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS01

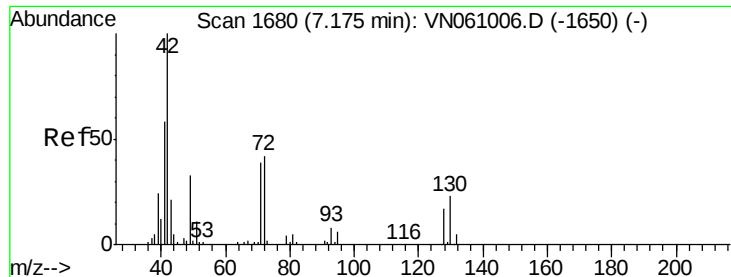
Tot Ion: 96 Resp: 43223
 Ion Ratio Lower Upper
 96 100
 61 158.9 0.0 317.4
 98 63.0 0.0 127.8



#28
 Bromochloromethane
 Concen: 19.230 ug/l
 RT: 7.16 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: VN061013.D
 Acq: 16 Apr 2020 15:49

Tgt Ion: 49 Resp: 35410
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 3.0
 130 68.4 52.9 79.3

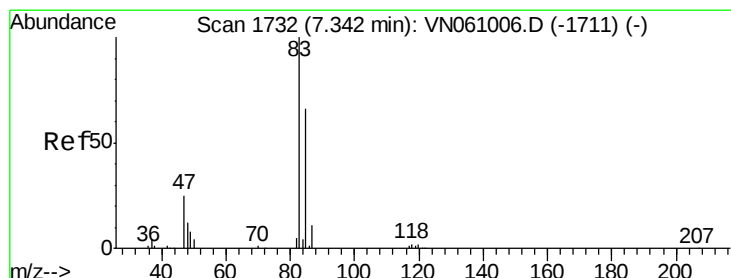
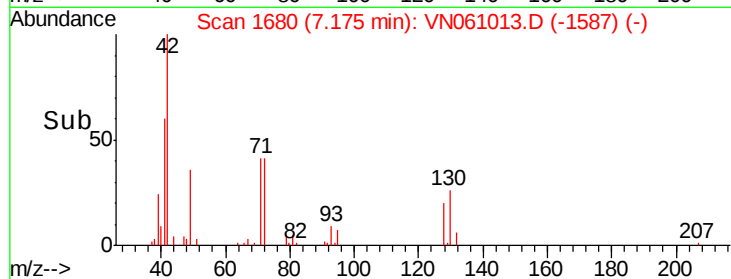
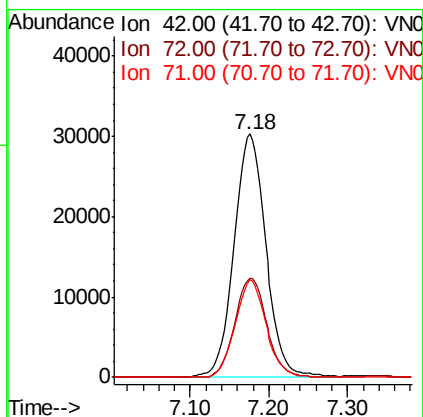
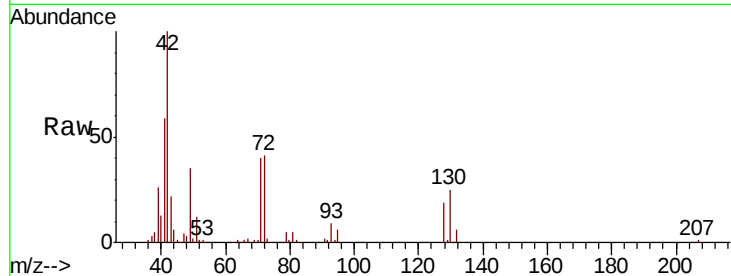




#29
Tetrahydrofuran
Concen: 84.978 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

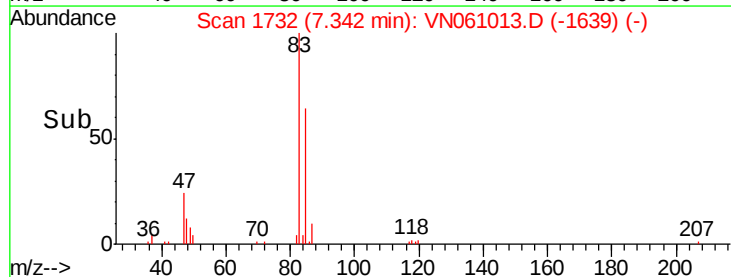
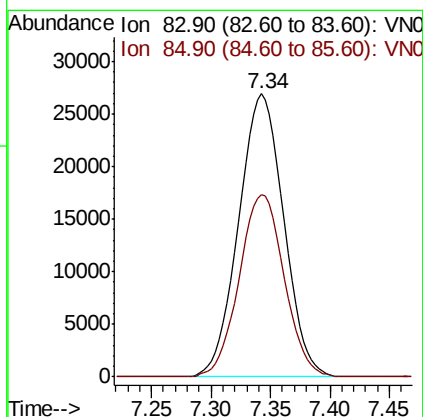
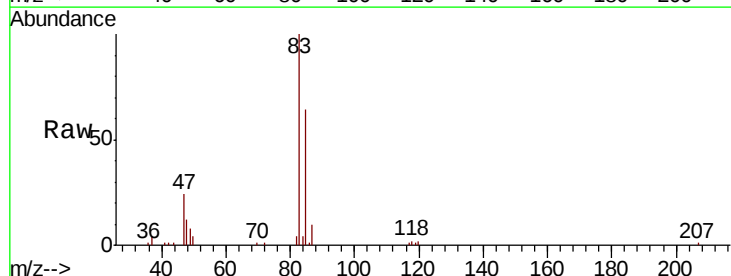
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

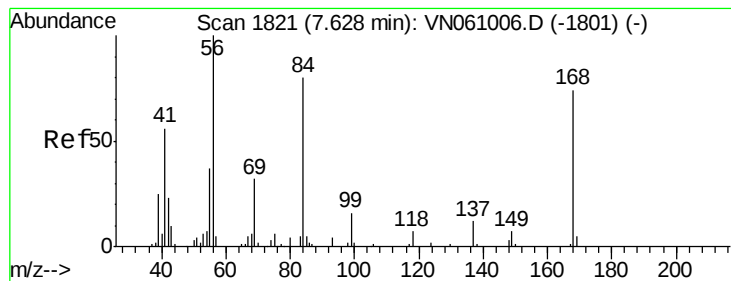
Tot Ion: 42 Resp: 85988
Ion Ratio Lower Upper
42 100
72 40.6 32.1 48.1
71 38.6 30.5 45.7



#30
Chloroform
Concen: 18.899 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

Tgt Ion: 83 Resp: 70715
Ion Ratio Lower Upper
83 100
85 64.3 52.8 79.2





#31

Cyclohexane

Concen: 18.022 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS01

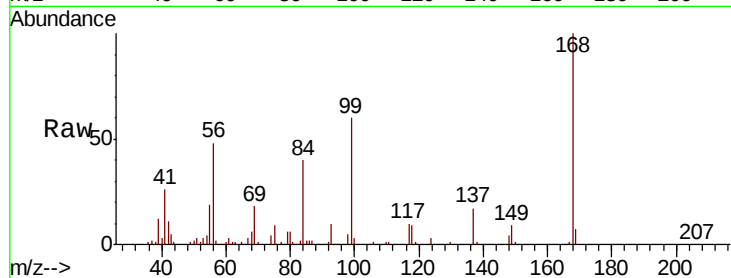
Tot Ion: 56 Resp: 74189

Ion Ratio Lower Upper

56 100

69 36.9 25.6 38.4

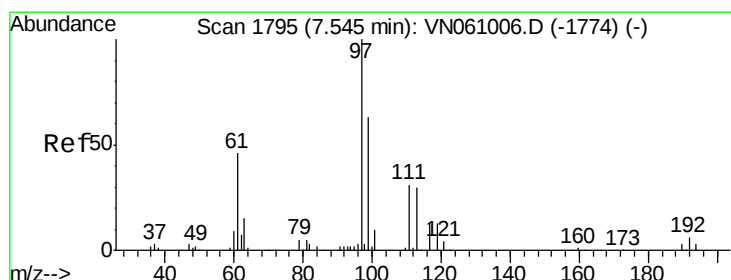
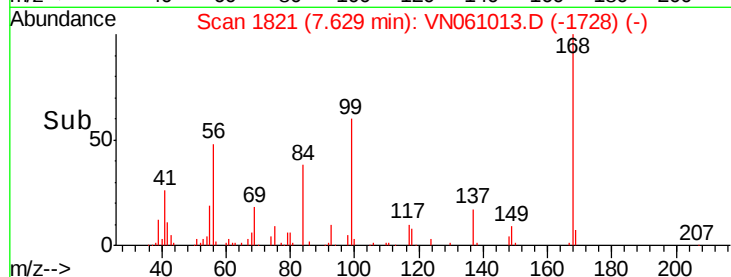
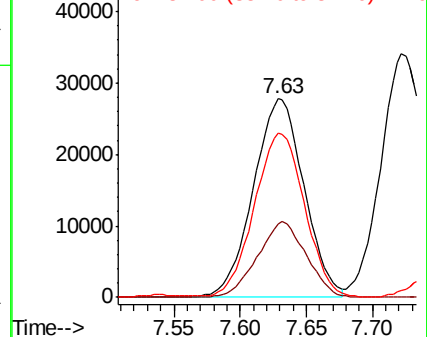
84 81.8 63.4 95.2



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: 18.912 ug/l

RT: 7.54 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

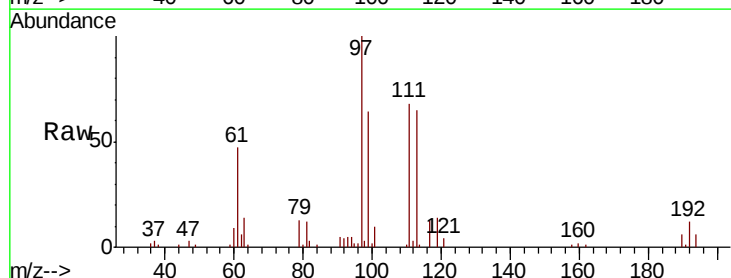
Tgt Ion: 97 Resp: 61209

Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

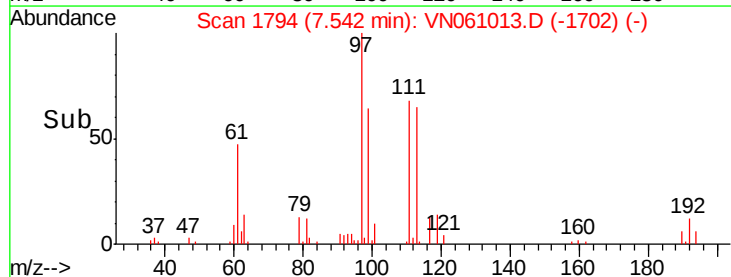
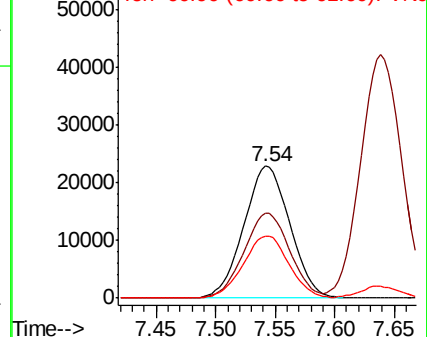
61 46.8 37.0 55.6

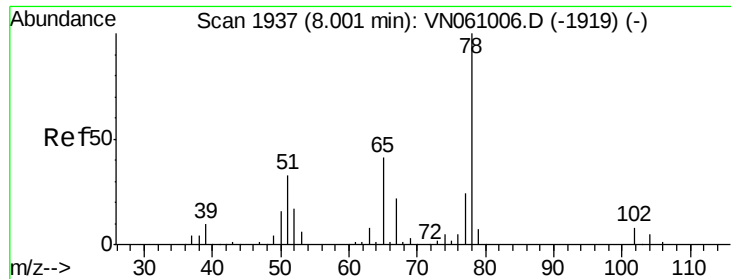


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

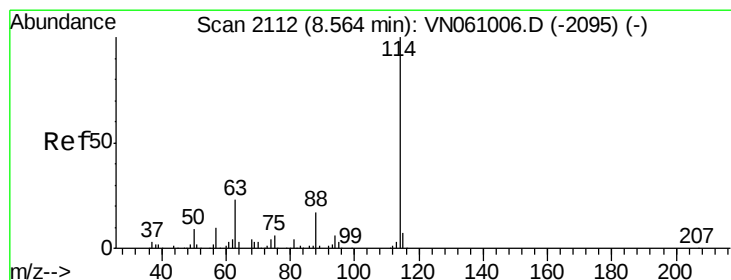
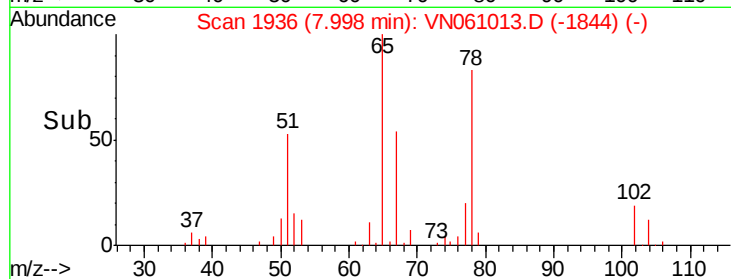
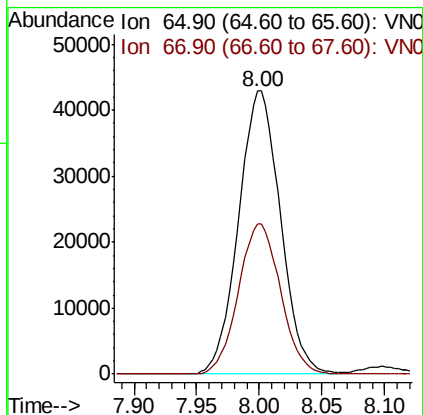
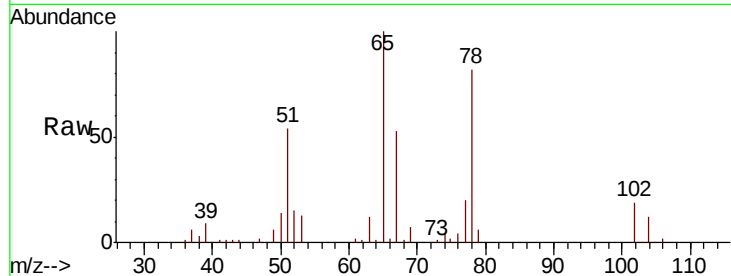




#33
 1,2-Dichloroethane-d4
 Concen: 45.112 ug/l
 RT: 8.00 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VN061013.D
 Acq: 16 Apr 2020 15:49

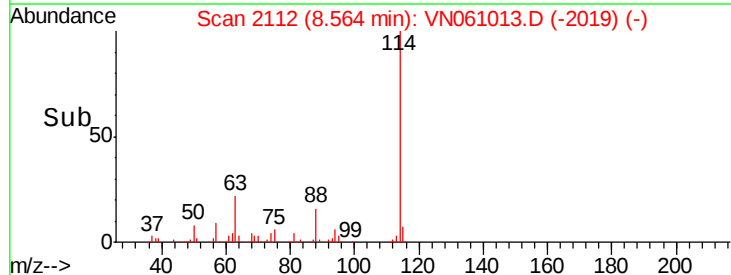
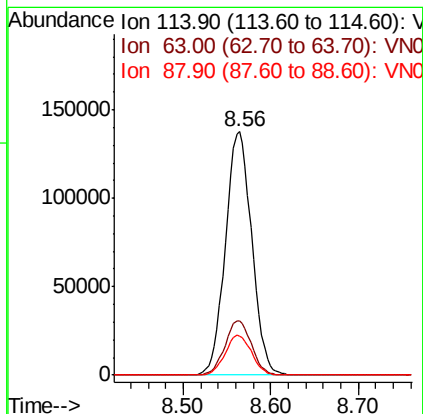
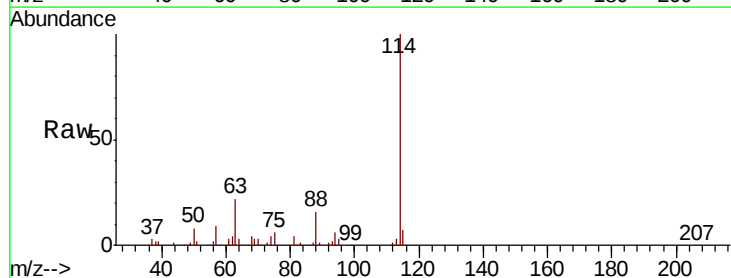
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS01

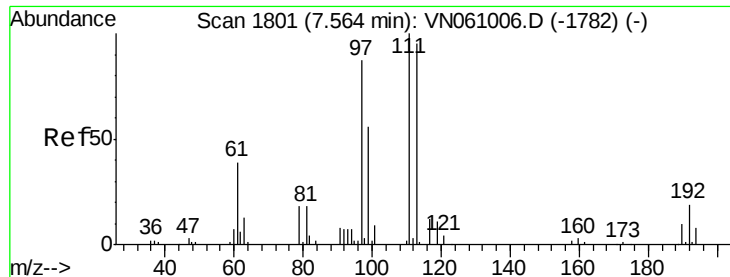
Tot Ion: 65 Resp: 99691
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061013.D
 Acq: 16 Apr 2020 15:49

Tgt Ion: 114 Resp: 287446
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 46.2
 88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.941 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS01

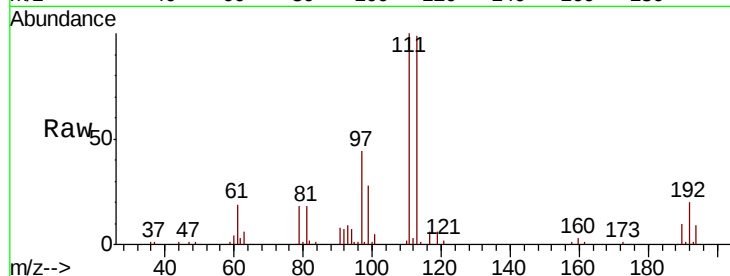
Tot Ion:113 Resp: 78798

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

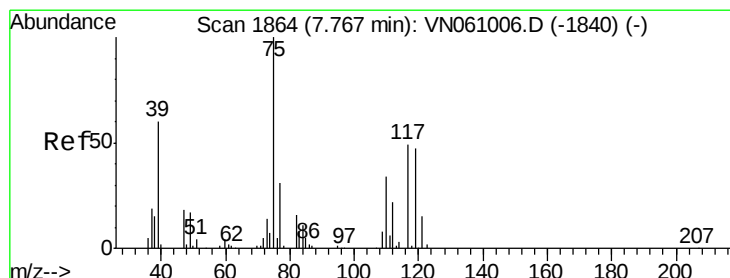
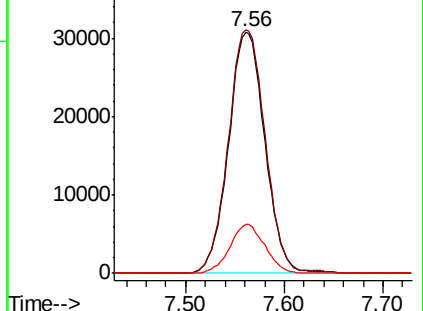
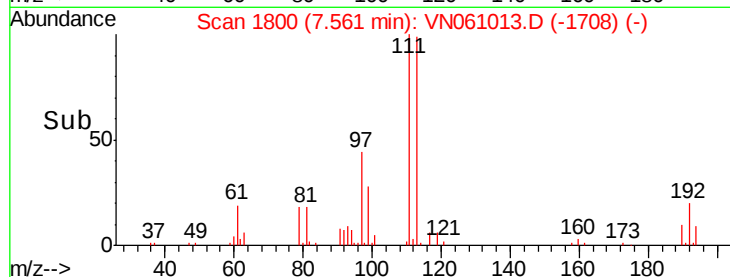
192 19.5 15.5 23.3



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: 18.940 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

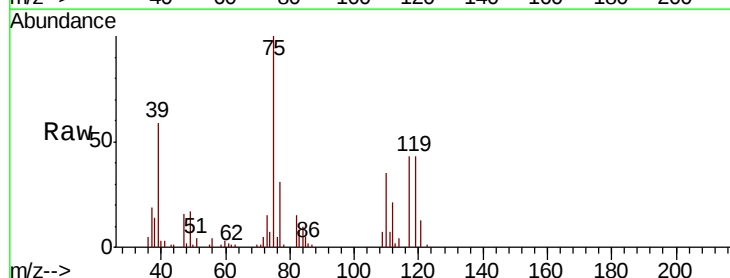
Tgt Ion: 75 Resp: 56180

Ion Ratio Lower Upper

75 100

110 33.4 16.8 50.3

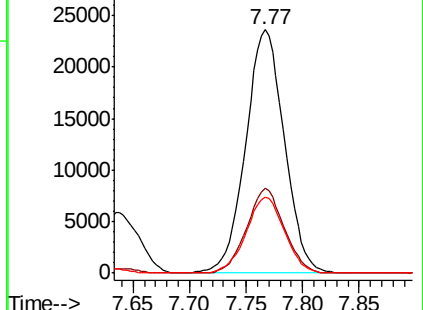
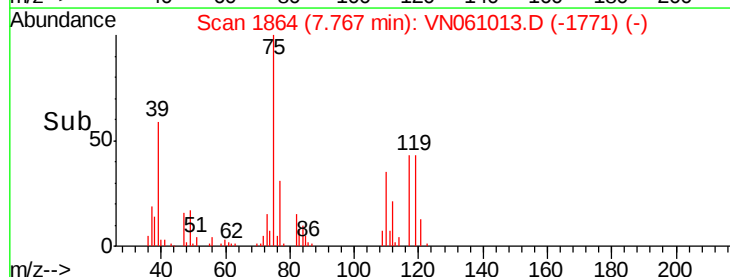
77 30.8 24.7 37.1

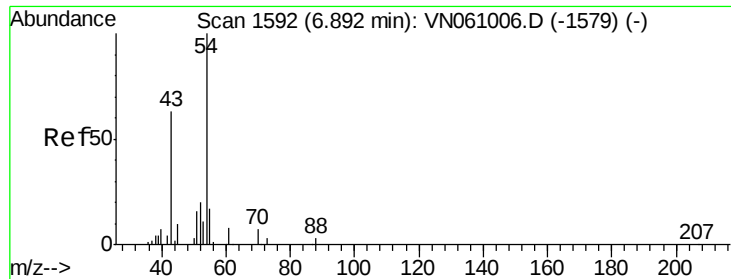


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

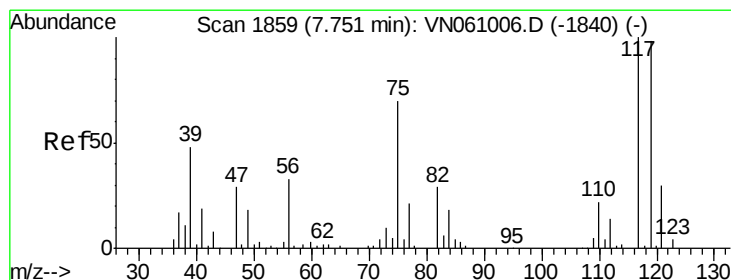
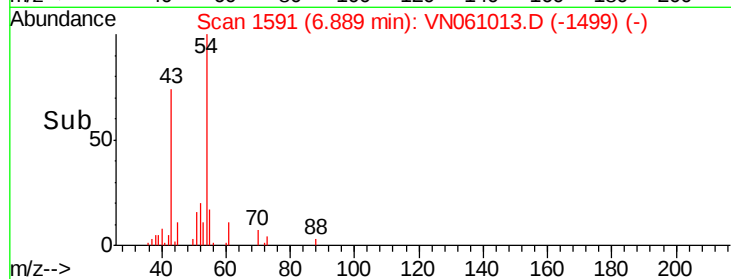
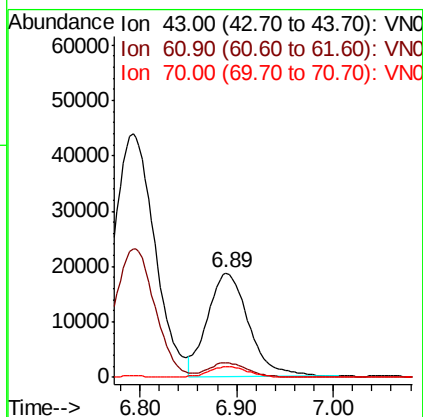
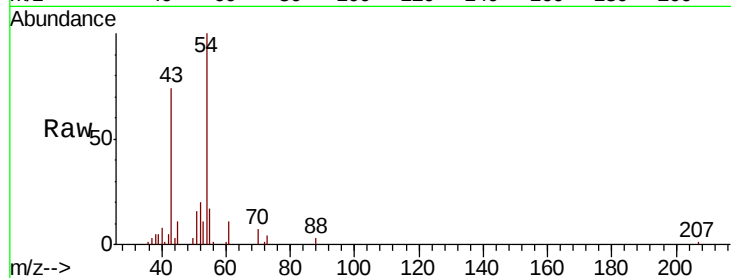




#37
Ethyl Acetate
Concen: 17.148 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

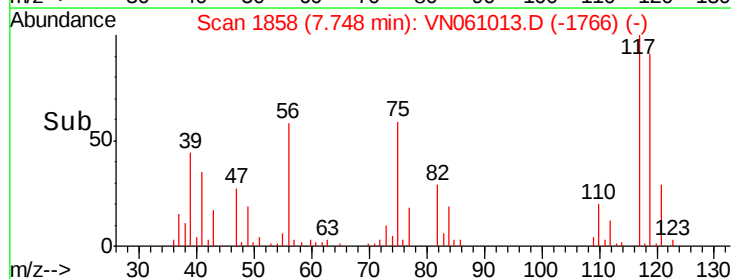
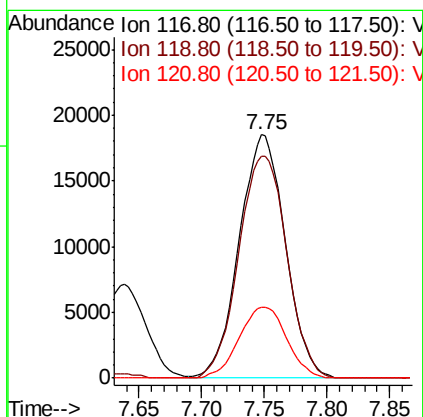
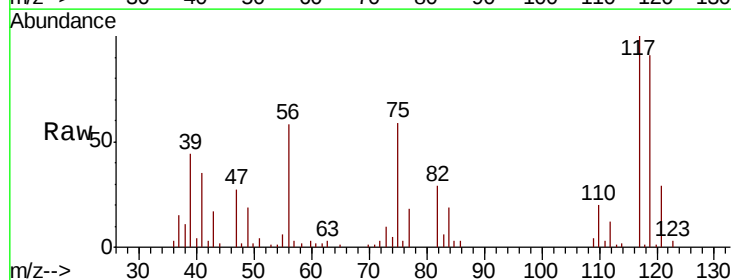
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

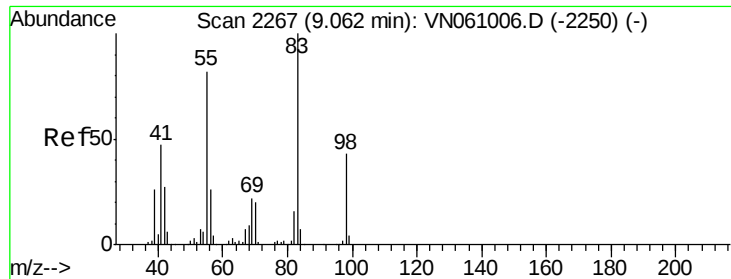
Tot Ion: 43 Resp: 55230
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 9.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.168 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

Tgt Ion: 117 Resp: 47325
Ion Ratio Lower Upper
117 100
119 91.1 78.1 117.1
121 28.9 24.0 36.0

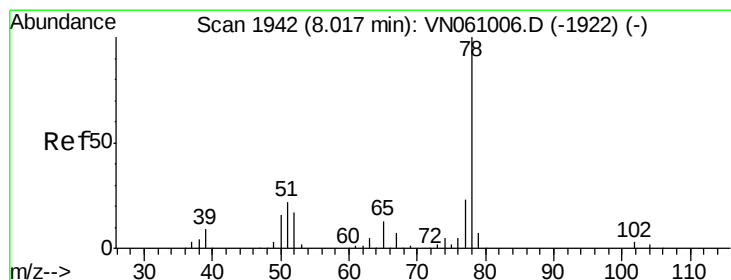
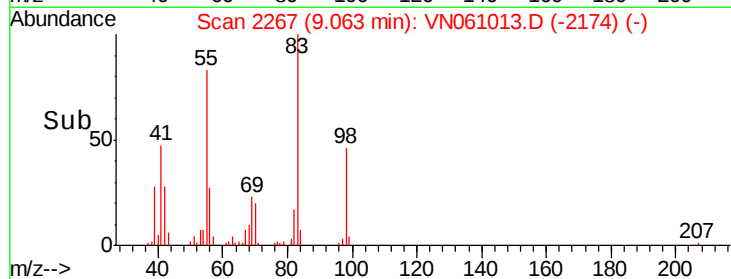
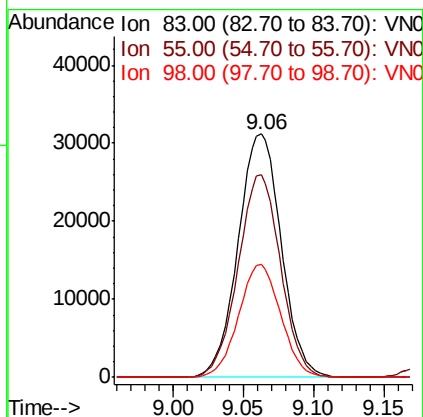
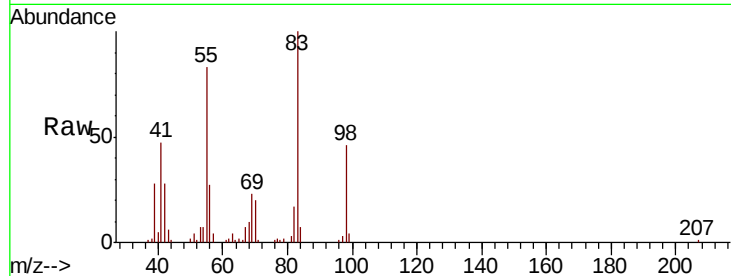




#39
Methvlcvclohexane
Concen: 18.839 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

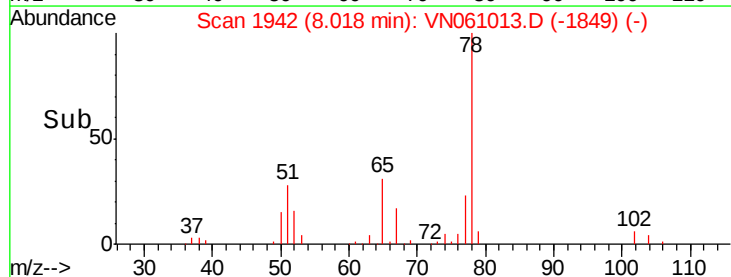
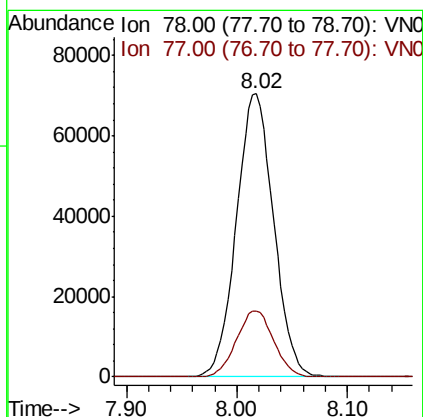
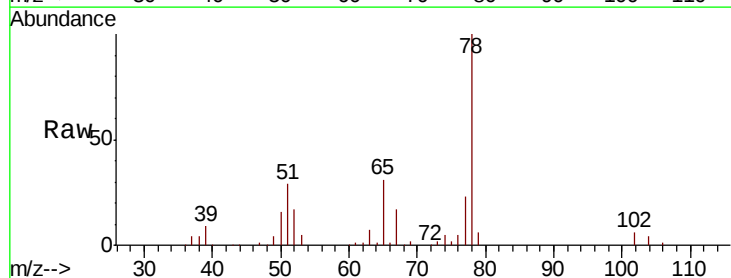
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

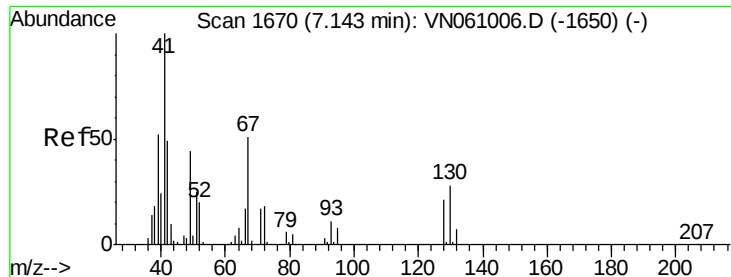
Tot Ion: 83 Resp: 66807
Ion Ratio Lower Upper
83 100
55 83.4 65.4 98.0
98 46.2 34.6 51.8



#40
Benzene
Concen: 18.714 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

Tgt Ion: 78 Resp: 164679
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2

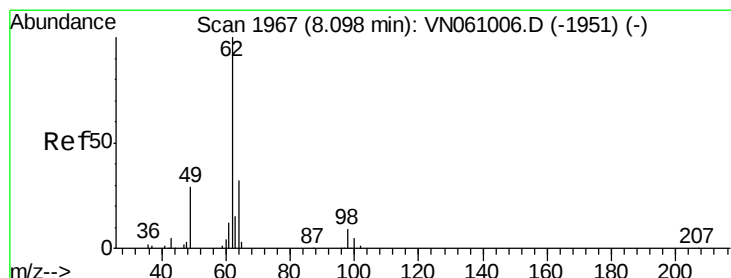
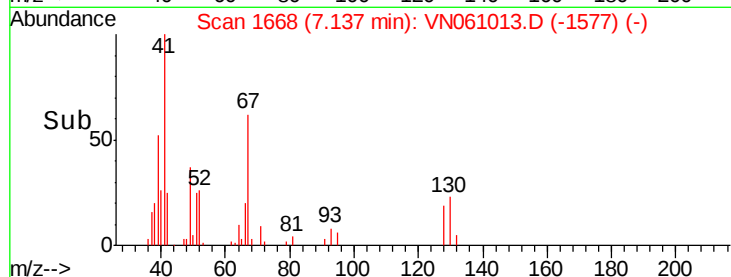
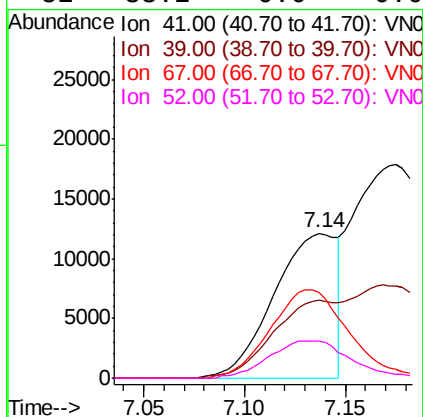
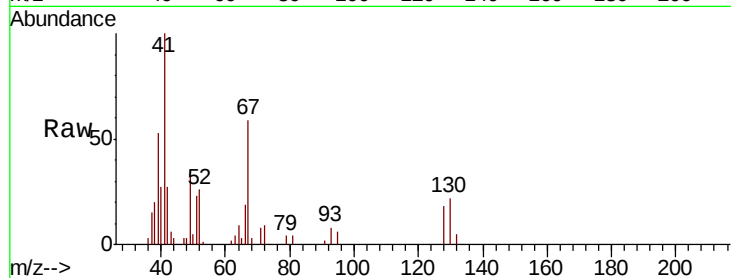




#41
Methacrylonitrile
Concen: 19.696 ug/l
RT: 7.14 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

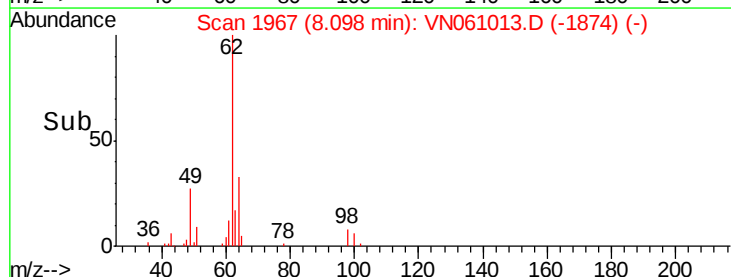
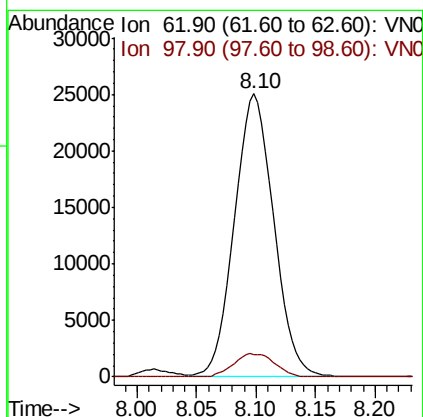
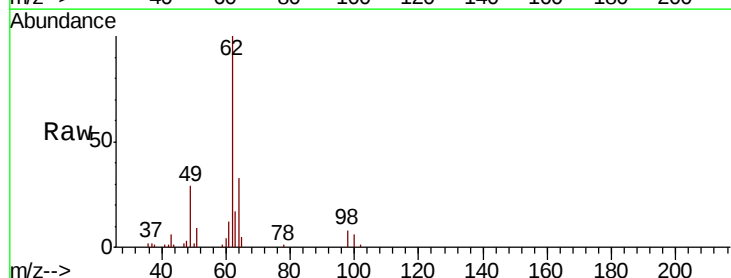
Instrument :
MSVOA_N
ClientSampled :
VN0416WBS01

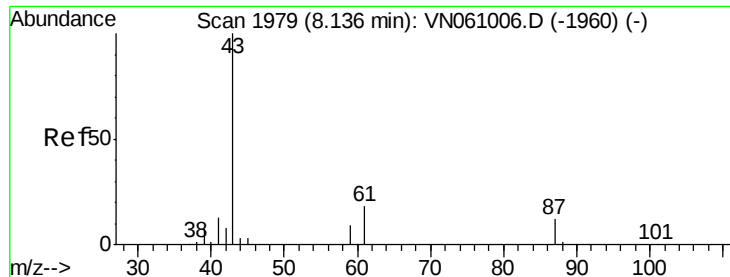
Tot Ion:	41	Resp:	26460
Ion	Ratio	Lower	Upper
41	100		
39	49.5	0.0	0.0#
67	75.8	0.0	0.0#
52	33.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 19.167 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

Tgt Ion:	62	Resp:	57456
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2





#43

Isopropyl Acetate

Concen: 17.953 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampled :

VN0416WBS01

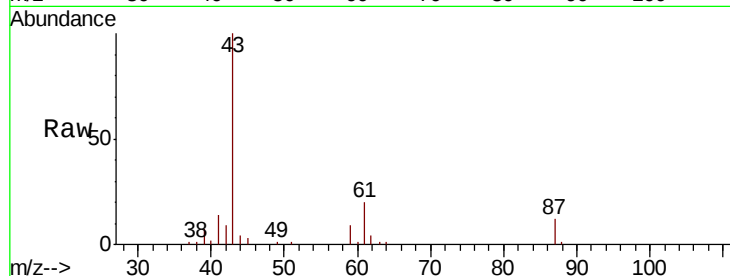
Tot Ion: 43 Resp: 94041

Ion Ratio Lower Upper

43 100

61 25.8 20.3 30.5

87 12.0 9.4 14.2

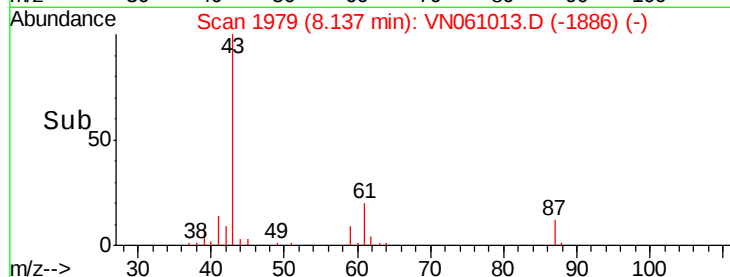


Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1960) (-)

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

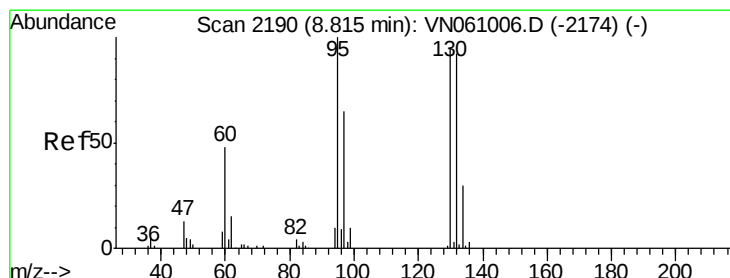
Ion 87.00 (86.70 to 87.70): VN061006.D (-1960) (-)

8.14



8.14

Time-->



#44

Trichloroethene

Concen: 18.765 ug/l

RT: 8.82 min Scan# 2190

Delta R.T. 0.00 min

Lab File: VN061013.D

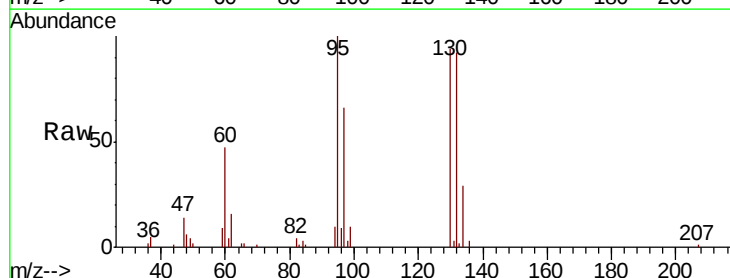
Acq: 16 Apr 2020 15:49

Tgt Ion: 130 Resp: 41491

Ion Ratio Lower Upper

130 100

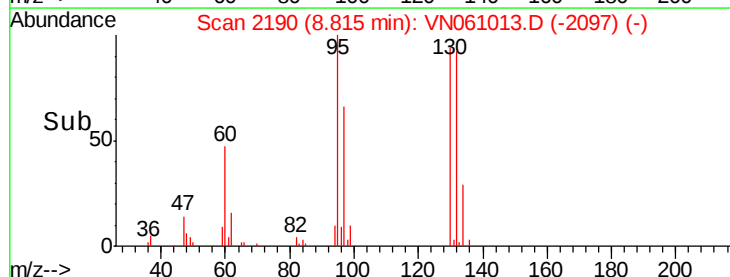
95 106.3 0.0 210.0



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

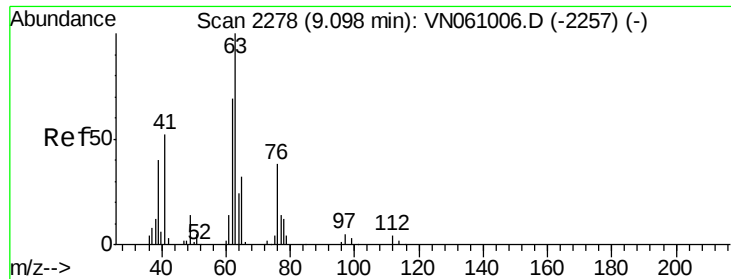
Ion 94.90 (94.60 to 95.60): VN061006.D (-2174) (-)

8.82



8.82

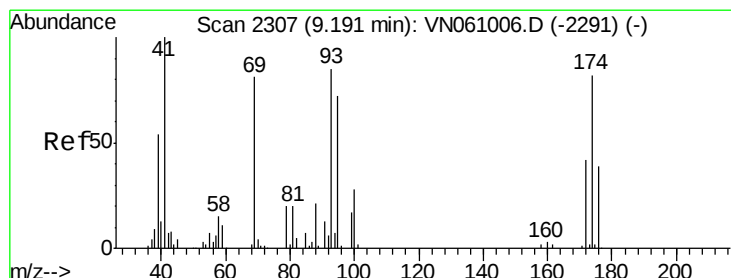
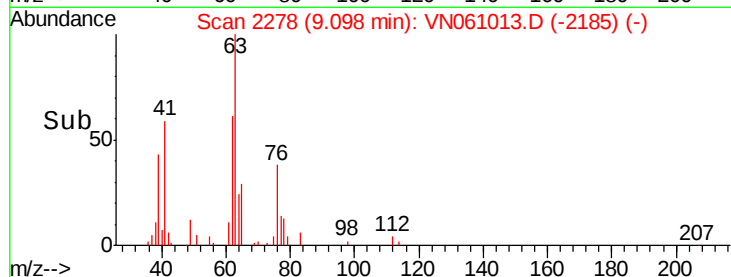
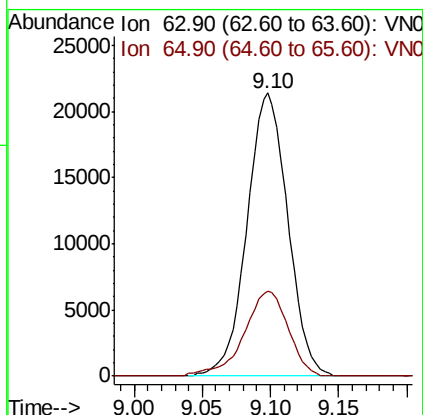
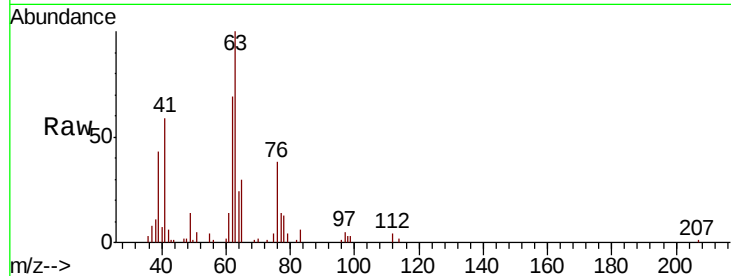
Time-->



#45
 1,2-Dichloropropane
 Concen: 18.682 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: VN061013.D
 Acq: 16 Apr 2020 15:49

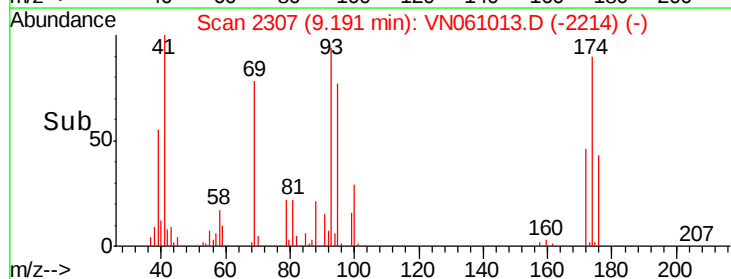
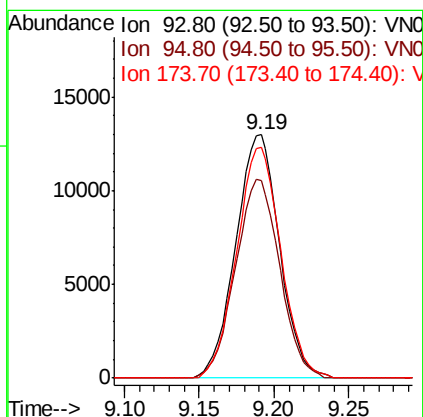
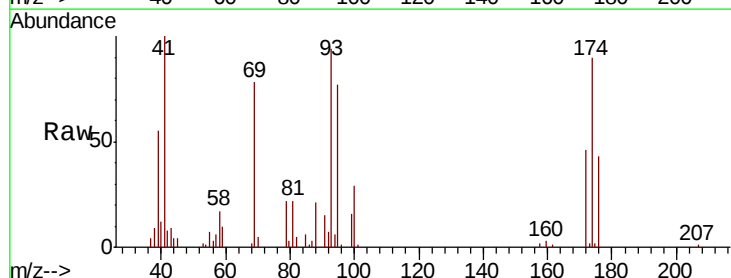
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS01

Tot Ion: 63 Resp: 44403
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.2 37.8



#46
 Dibromomethane
 Concen: 19.293 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN061013.D
 Acq: 16 Apr 2020 15:49

Tgt Ion: 93 Resp: 26438
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.8 100.2
 174 95.5 76.2 114.4

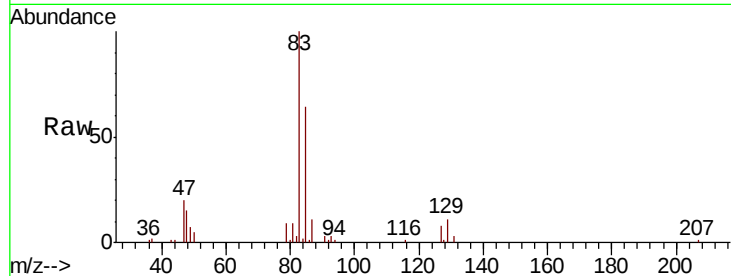




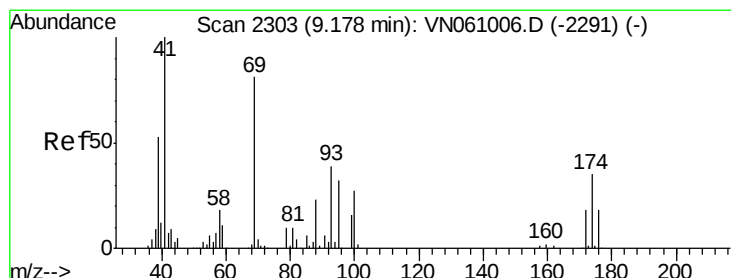
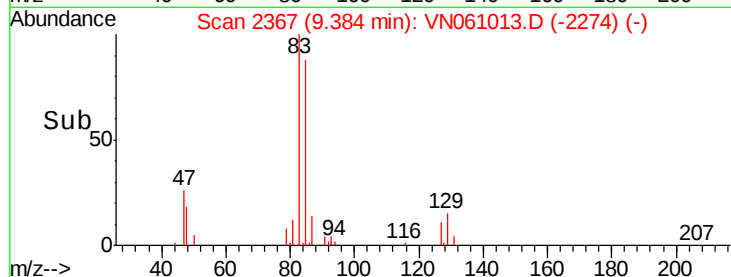
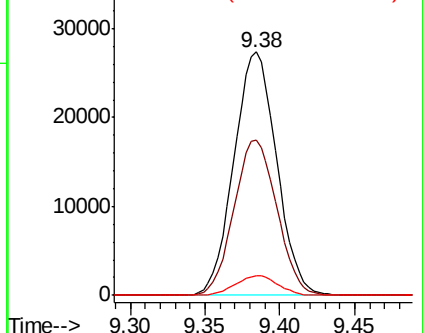
#47
 Bromodichloromethane
 Concen: 18.768 ug/l
 RT: 9.38 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN061013.D
 Acq: 16 Apr 2020 15:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS01

Tot Ion: 83 Resp: 54334
 Ion Ratio Lower Upper
 83 100
 85 63.7 50.6 76.0
 127 7.9 6.1 9.1

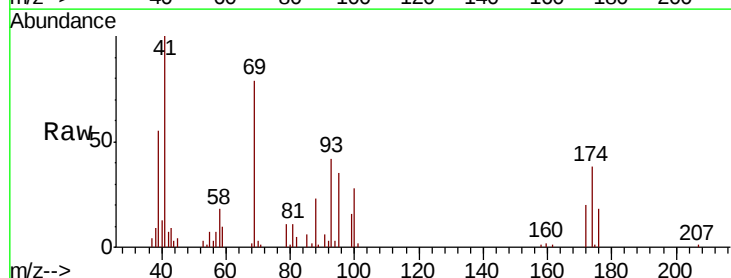


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

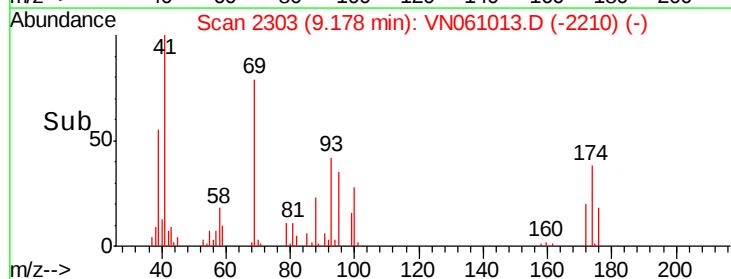
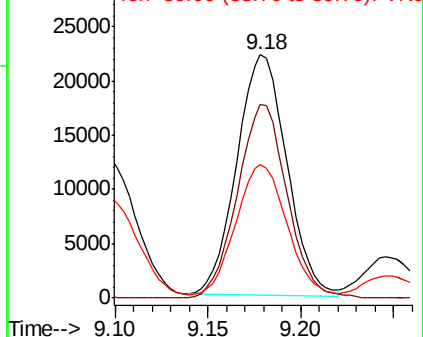


#48
 Methyl methacrylate
 Concen: 17.865 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN061013.D
 Acq: 16 Apr 2020 15:49

Tgt Ion: 41 Resp: 41355
 Ion Ratio Lower Upper
 41 100
 69 80.1 65.3 97.9
 39 55.4 45.2 67.8



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

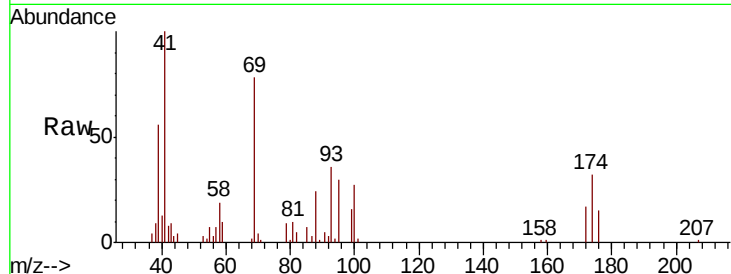




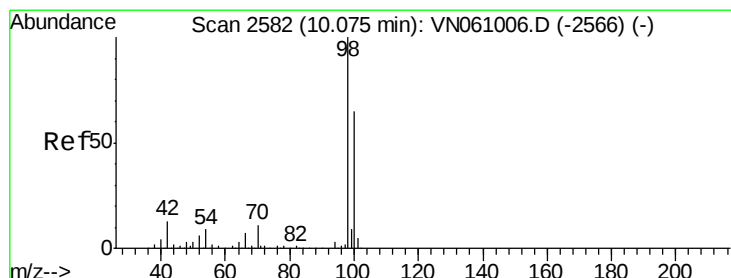
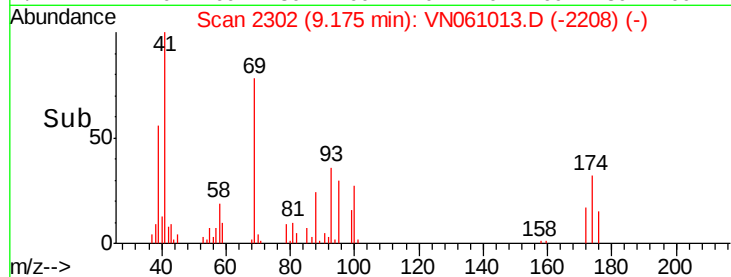
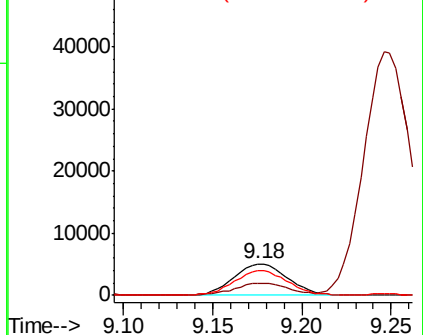
#49
1,4-Dioxane
Concen: 339.356 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

Tot Ion: 88 Resp: 10612
Ion Ratio Lower Upper
88 100
43 38.9 30.9 46.3
58 78.0 59.8 89.8

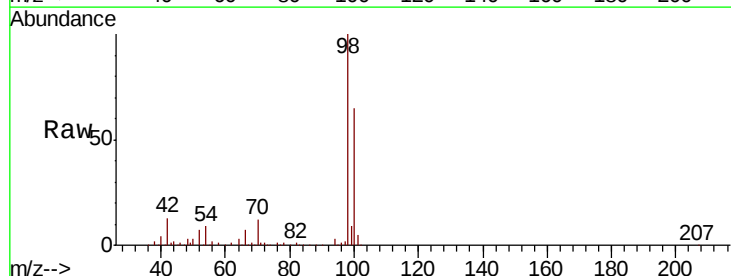


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

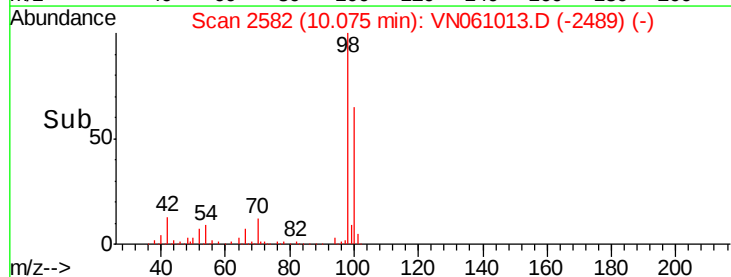
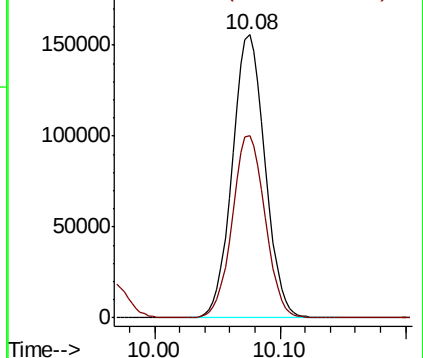


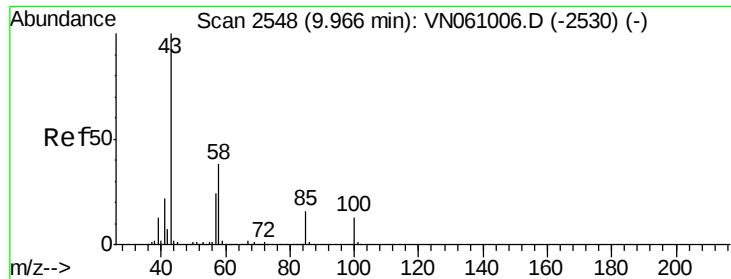
#50
Toluene-d8
Concen: 44.491 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

Tgt Ion: 98 Resp: 282218
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 88.689 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

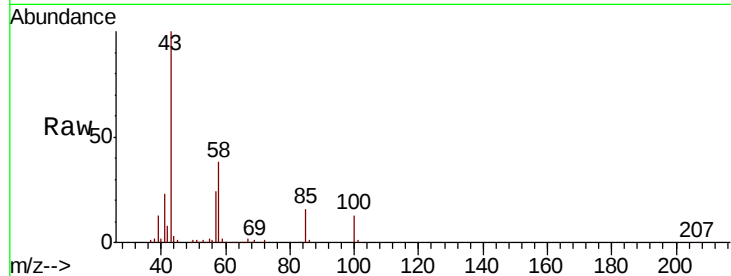
VN0416WBS01

Tot Ion: 43 Resp: 267811

Ion Ratio Lower Upper

43 100

58 38.0 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-2530) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-2530) (-)

9.97

150000

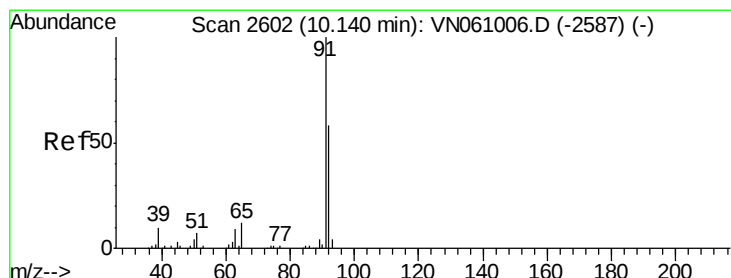
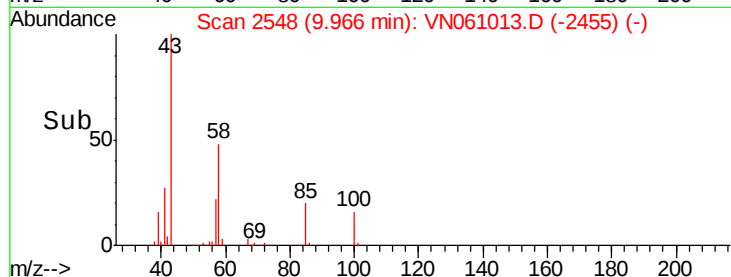
100000

50000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 18.769 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. 0.00 min

Lab File: VN061013.D

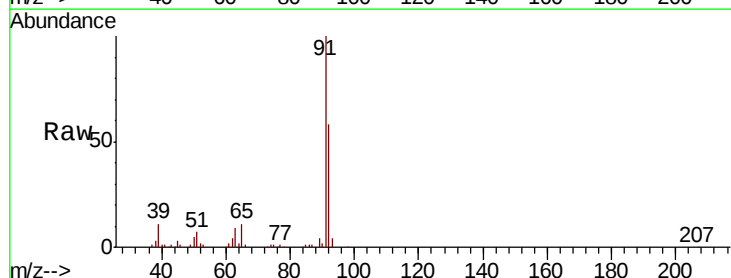
Acq: 16 Apr 2020 15:49

Tgt Ion: 92 Resp: 99083

Ion Ratio Lower Upper

92 100

91 174.3 137.7 206.5



Abundance Ion 92.00 (91.70 to 92.70): VN061006.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN061006.D (-2587) (-)

10.14

100000

80000

60000

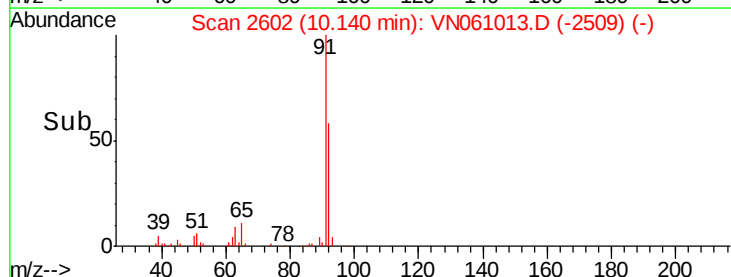
40000

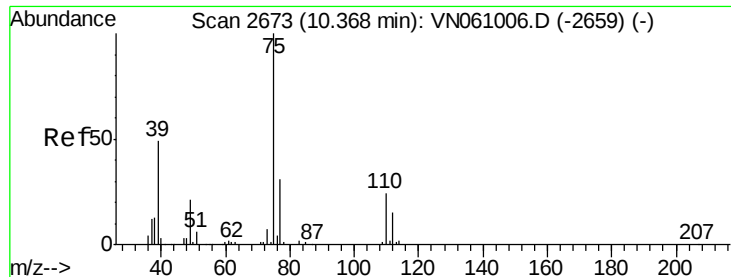
20000

0

10.05 10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.918 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

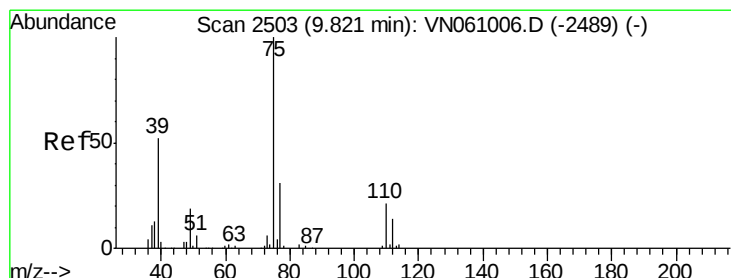
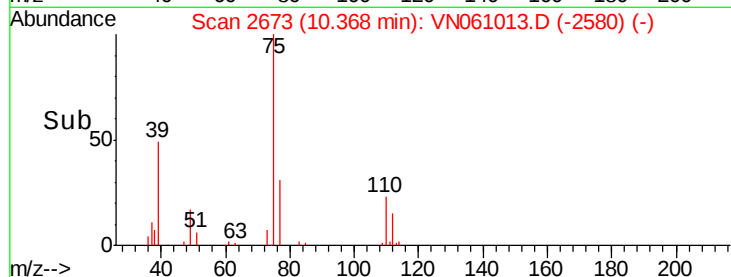
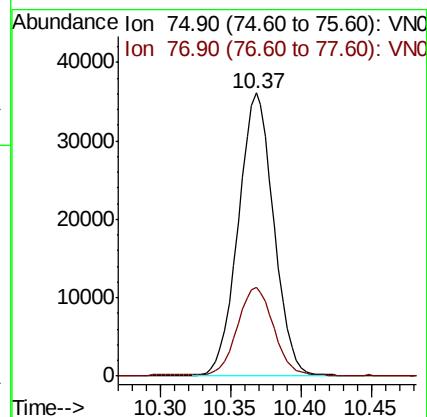
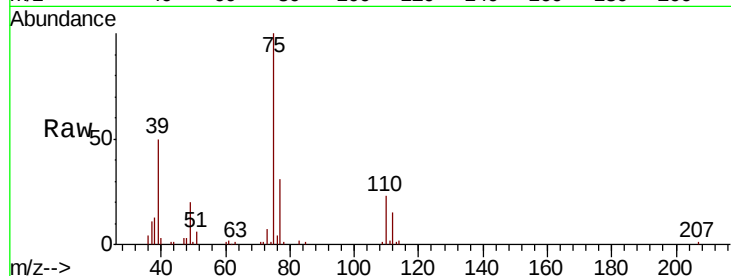
VN0416WBS01

Tot Ion: 75 Resp: 63616

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 18.999 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

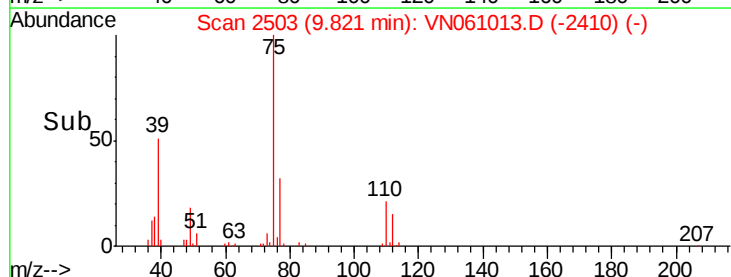
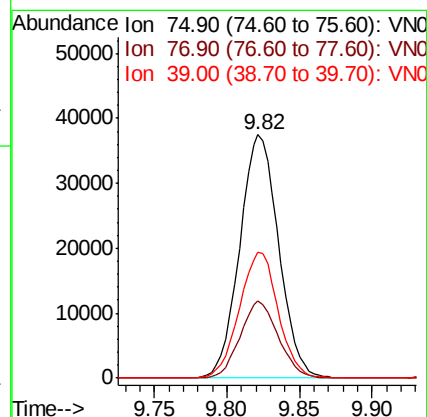
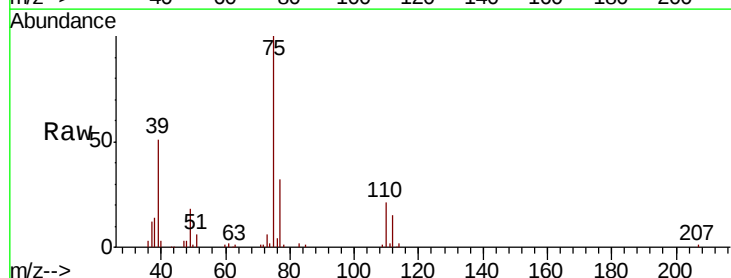
Tgt Ion: 75 Resp: 69707

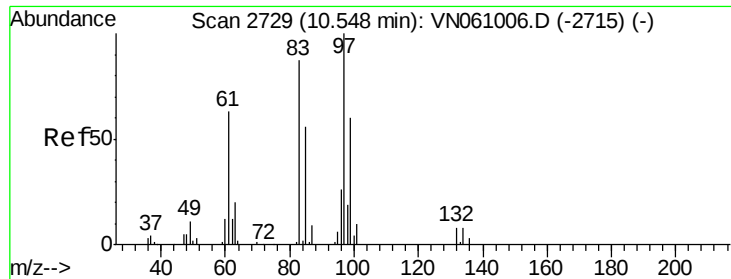
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6

39 51.5 41.4 62.2

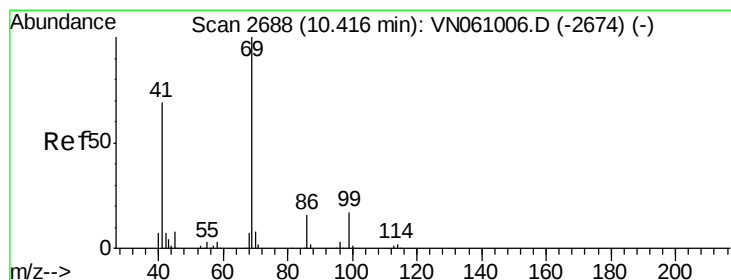
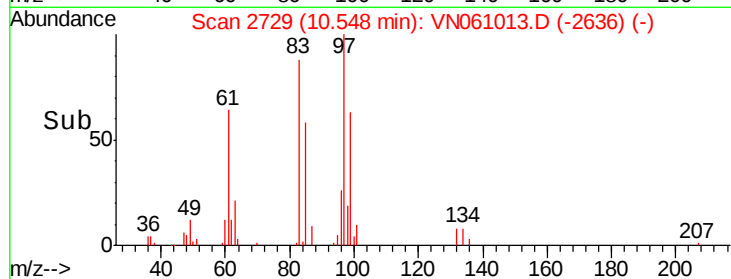
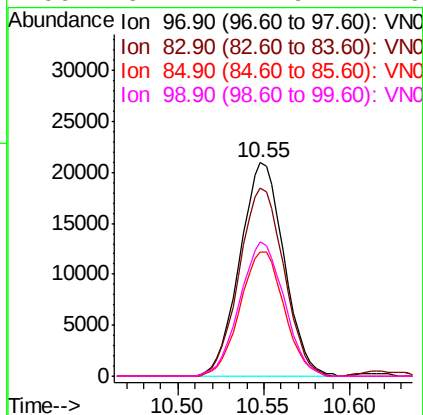
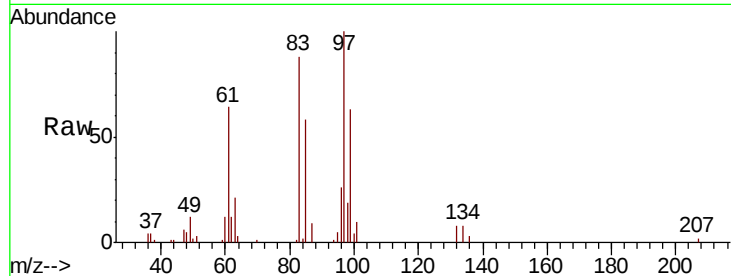




#55
 1,1,2-Trichloroethane
 Concen: 18.695 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: VN061013.D
 Acq: 16 Apr 2020 15:49

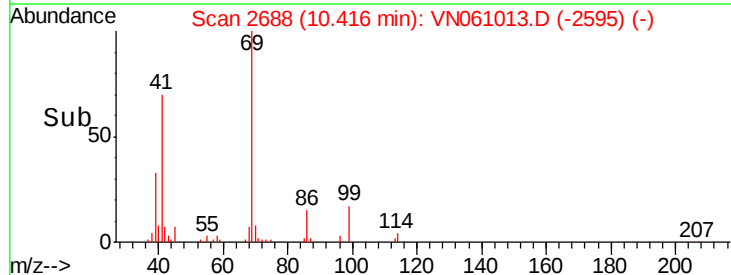
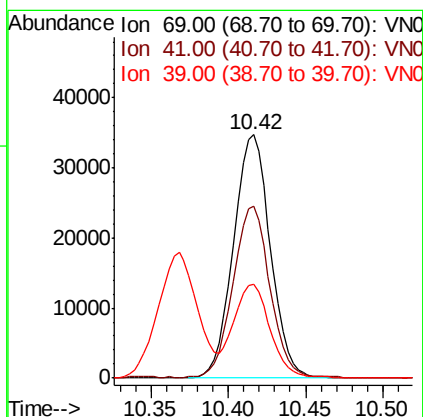
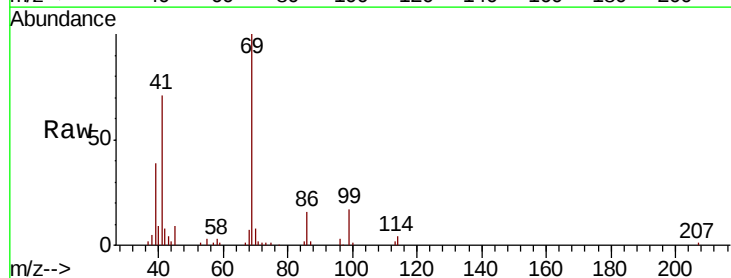
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS01

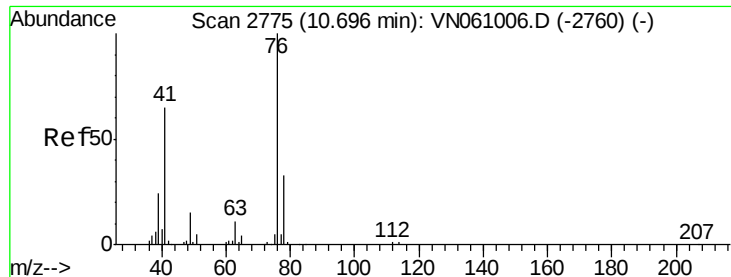
Tot Ion: 97 Resp: 37348
 Ion Ratio Lower Upper
 97 100
 83 88.2 69.5 104.3
 85 58.4 45.0 67.4
 99 62.7 47.9 71.9



#56
 Ethyl methacrylate
 Concen: 18.297 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN061013.D
 Acq: 16 Apr 2020 15:49

Tgt Ion: 69 Resp: 57480
 Ion Ratio Lower Upper
 69 100
 41 71.3 56.7 85.1
 39 38.4 29.4 44.0





#57

1,3-Dichloropropane

Concen: 18.698 ug/l

RT: 10.69 min Scan# 2774

Delta R.T. -0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampled :

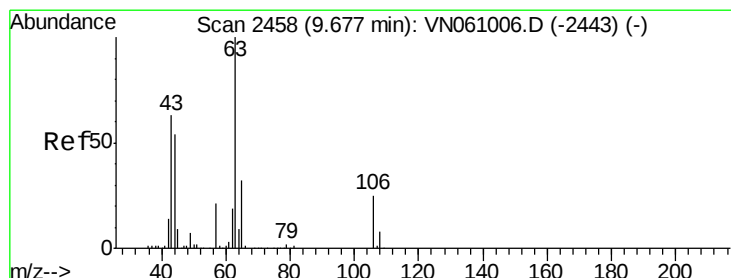
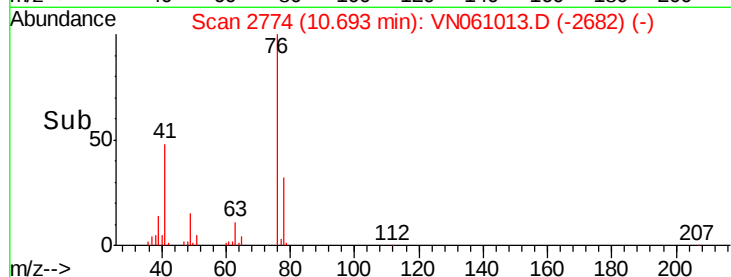
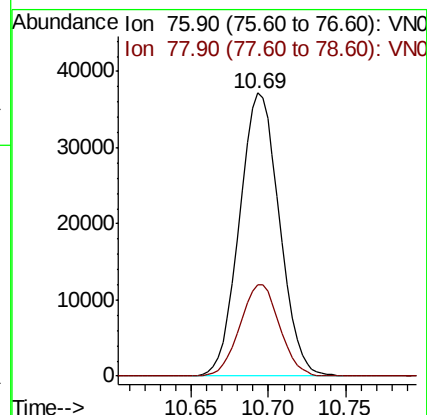
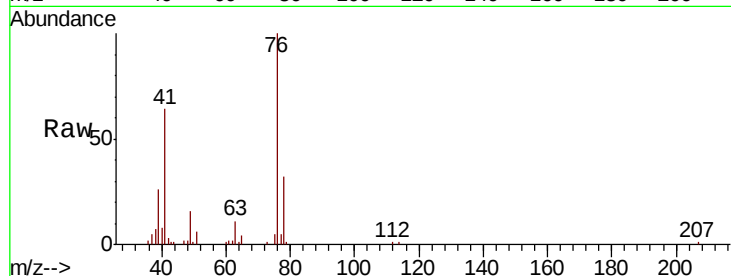
VN0416WBS01

Tot Ion: 76 Resp: 66630

Ion Ratio Lower Upper

76 100

78 32.1 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 83.299 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. 0.00 min

Lab File: VN061013.D

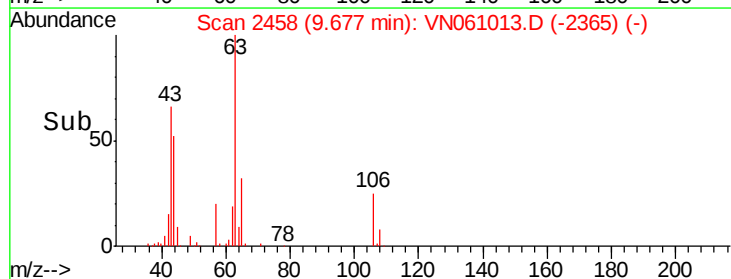
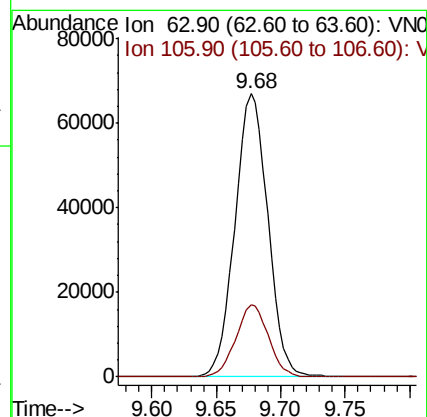
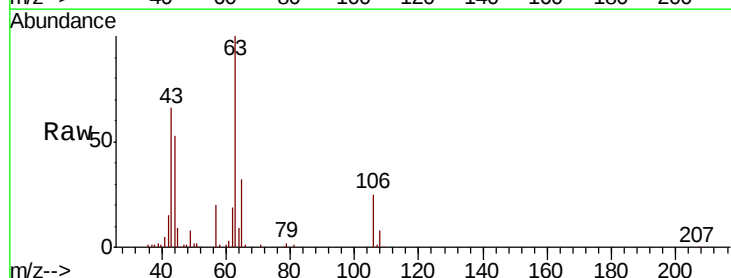
Acq: 16 Apr 2020 15:49

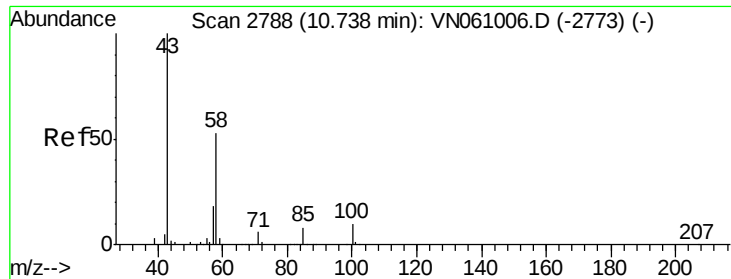
Tgt Ion: 63 Resp: 118907

Ion Ratio Lower Upper

63 100

106 25.0 19.5 29.3

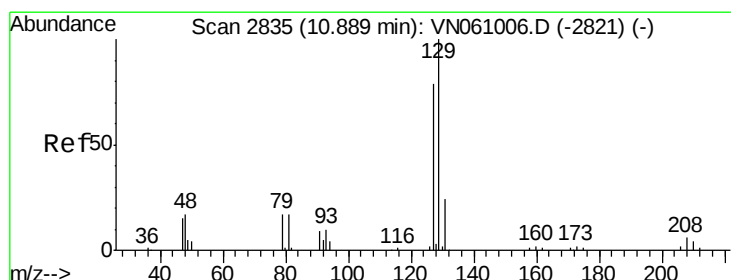
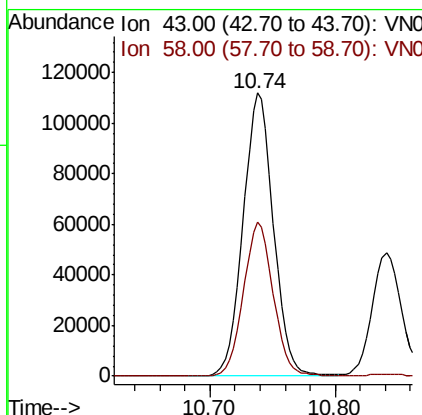
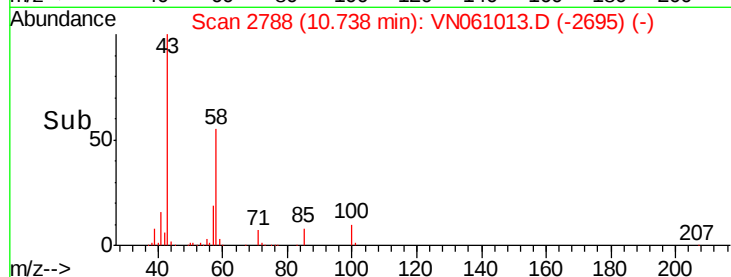
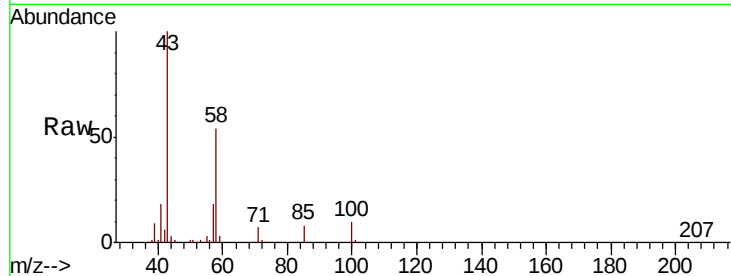




#59
2-Hexanone
Concen: 86.582 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

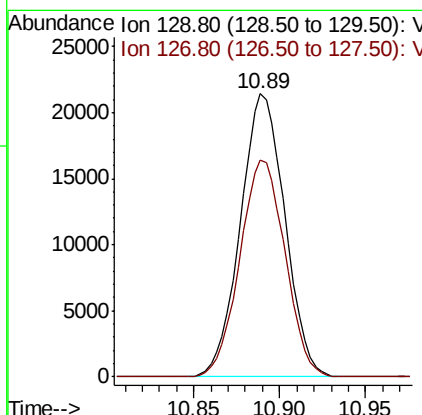
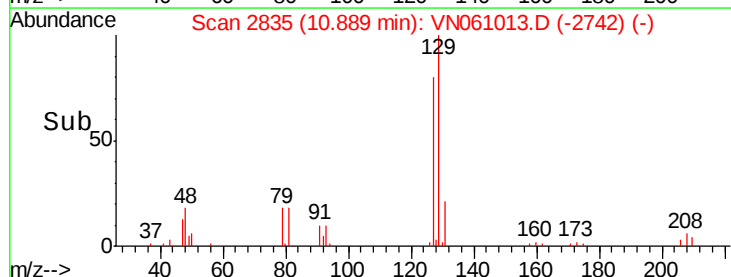
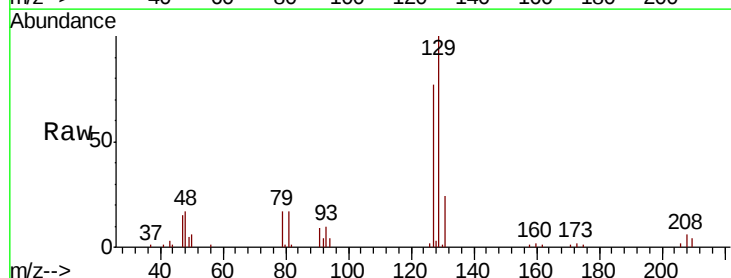
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

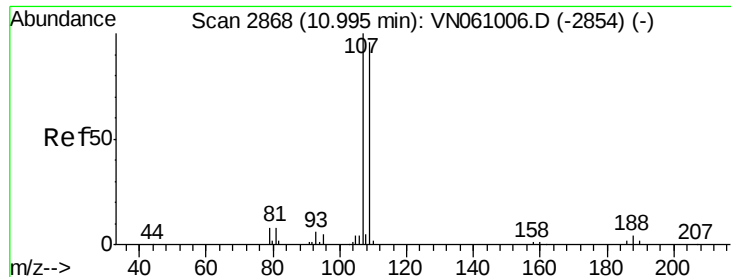
Tot Ion: 43 Resp: 188551
Ion Ratio Lower Upper
43 100
58 53.4 26.4 79.0



#60
Dibromochloromethane
Concen: 18.727 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

Tgt Ion: 129 Resp: 38432
Ion Ratio Lower Upper
129 100
127 77.8 39.0 116.9





#61

1,2-Dibromoethane

Concen: 18.557 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

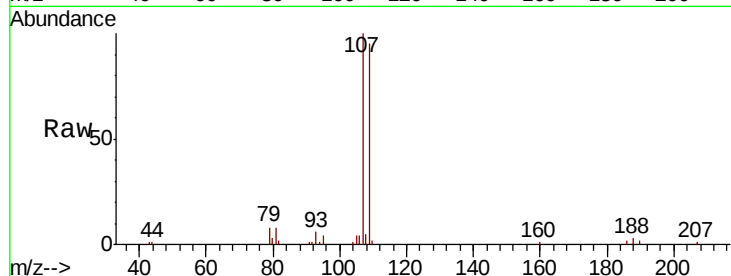
VN0416WBS01

Tot Ion:107 Resp: 37777

Ion Ratio Lower Upper

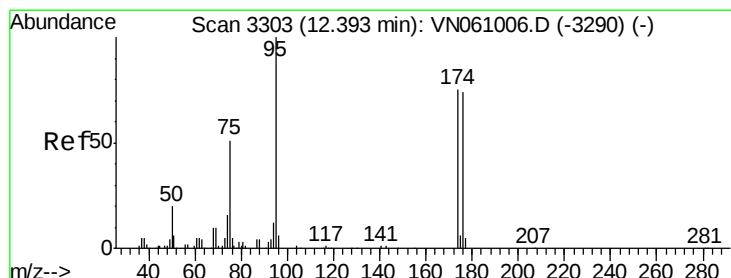
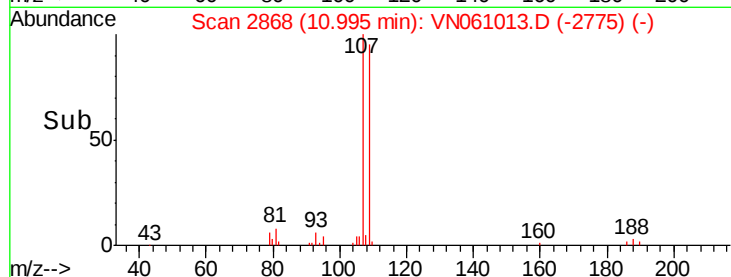
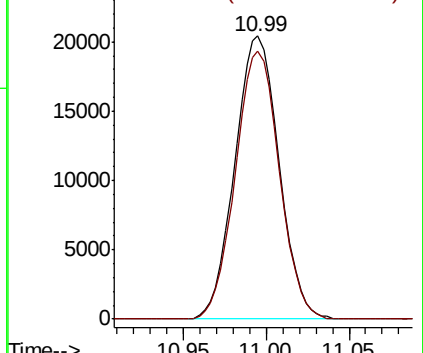
107 100

109 94.3 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: 44.476 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

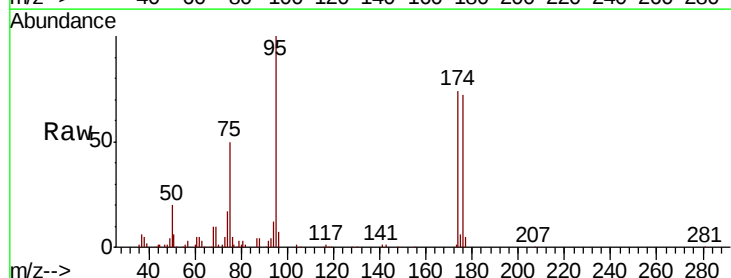
Tgt Ion: 95 Resp: 110573

Ion Ratio Lower Upper

95 100

174 75.7 0.0 151.2

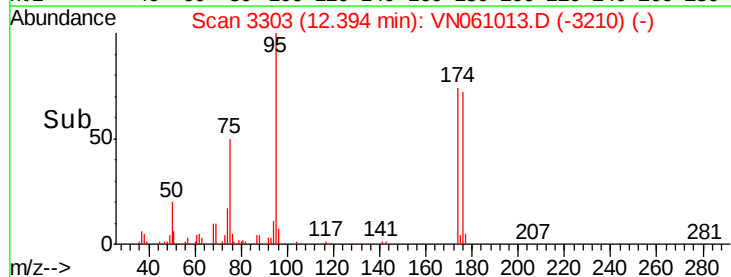
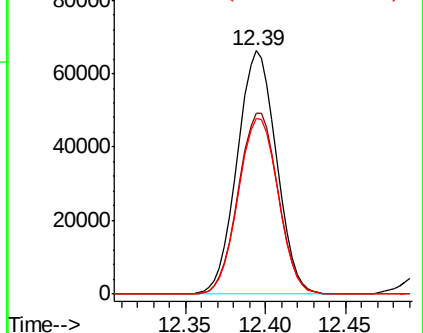
176 73.7 0.0 148.2

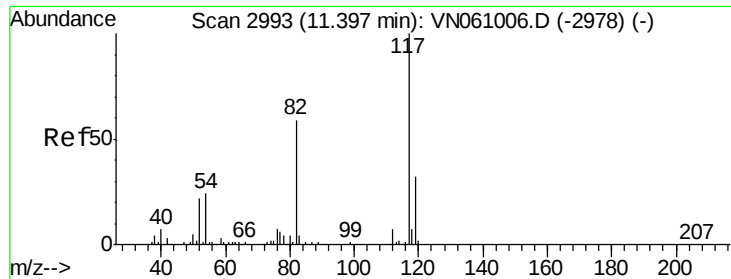


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

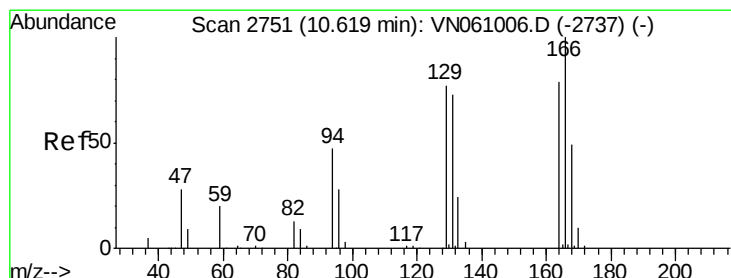
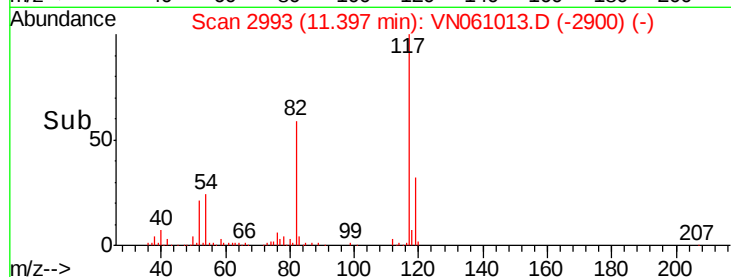
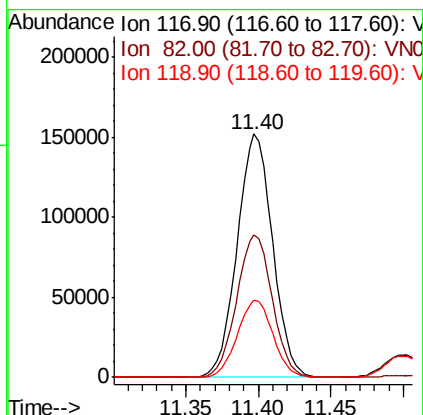
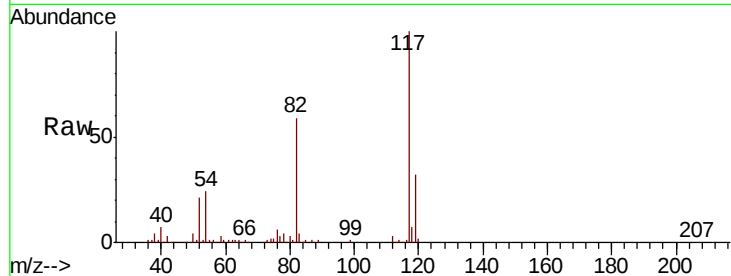




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

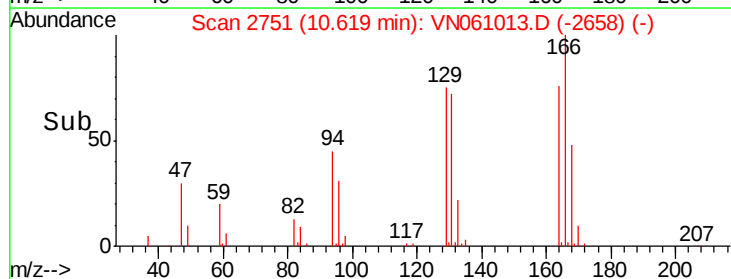
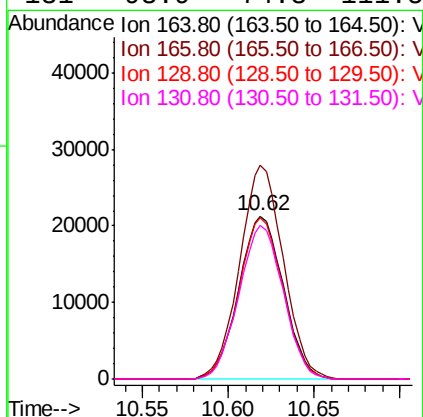
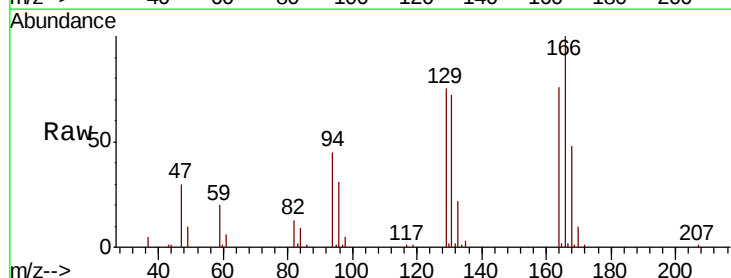
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

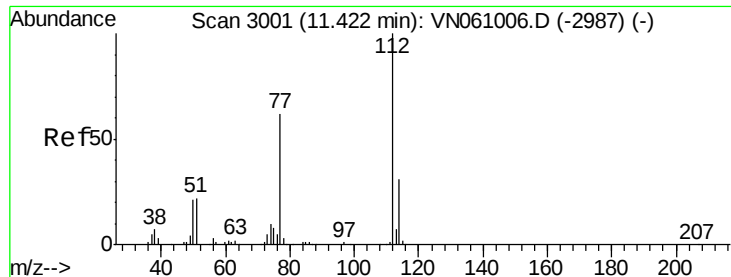
Tot Ion:117 Resp: 257966
Ion Ratio Lower Upper
117 100
82 58.6 47.1 70.7
119 31.7 25.7 38.5



#64
Tetrachloroethene
Concen: 19.421 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

Tgt Ion:164 Resp: 38337
Ion Ratio Lower Upper
164 100
166 130.9 101.6 152.4
129 98.5 78.5 117.7
131 93.9 74.3 111.5

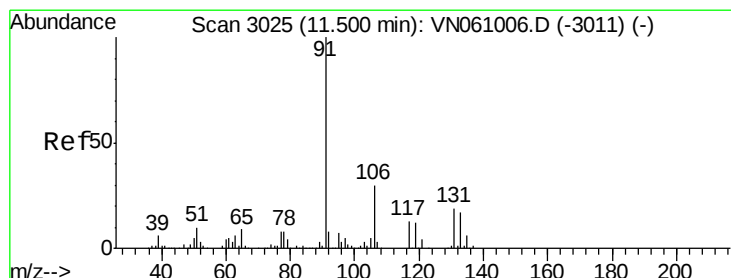
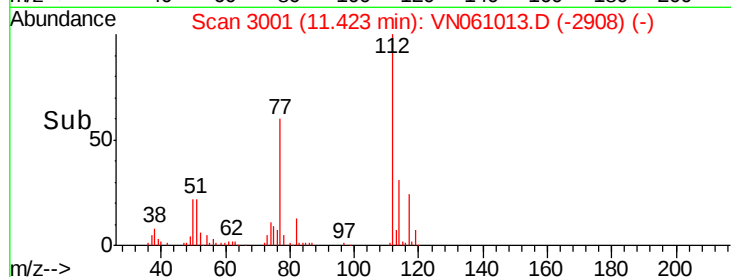
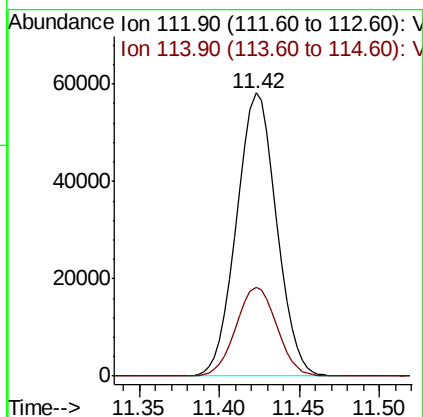
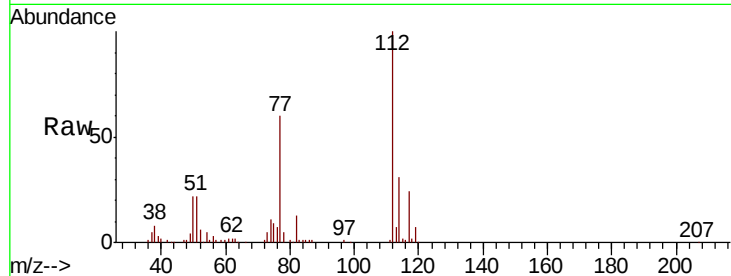




#65
Chlorobenzene
Concen: 18.618 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

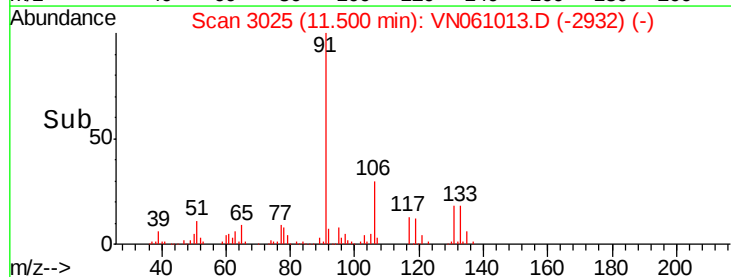
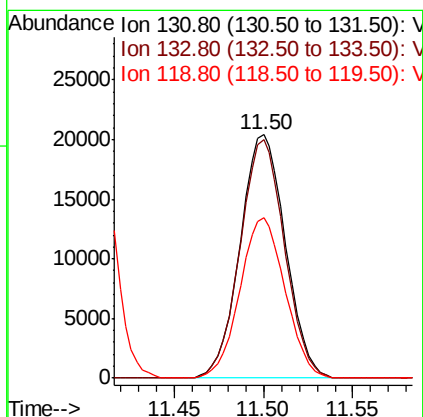
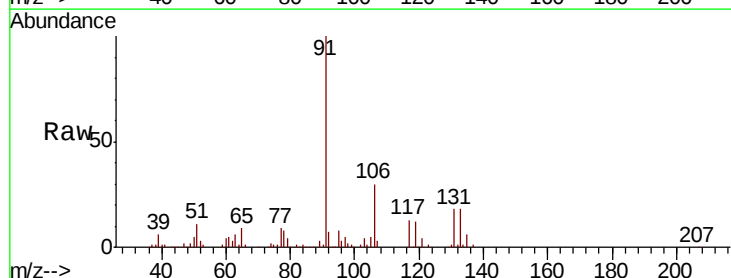
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

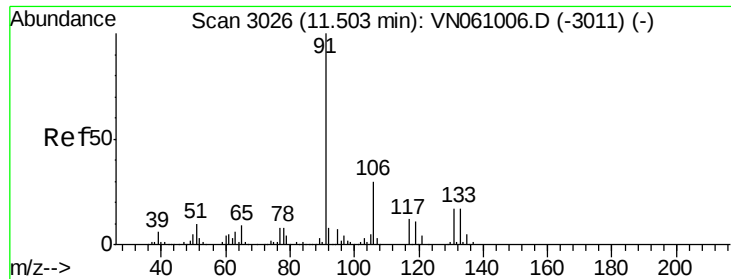
Tot Ion:112 Resp: 99148
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.026 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

Tgt Ion:131 Resp: 36250
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.8
119 65.6 33.3 99.8

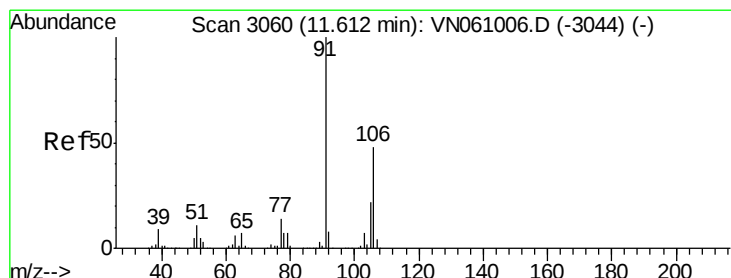
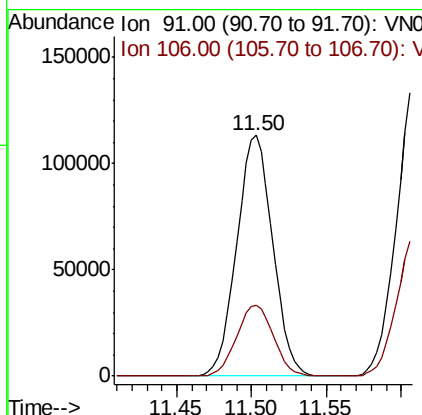
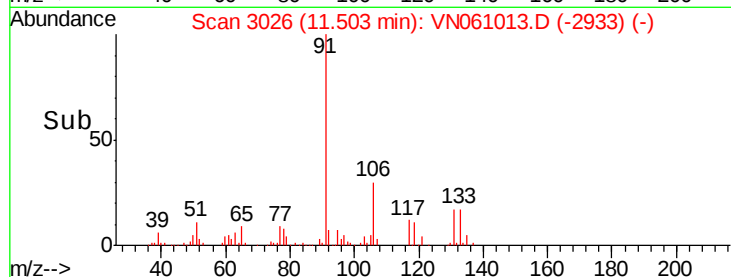
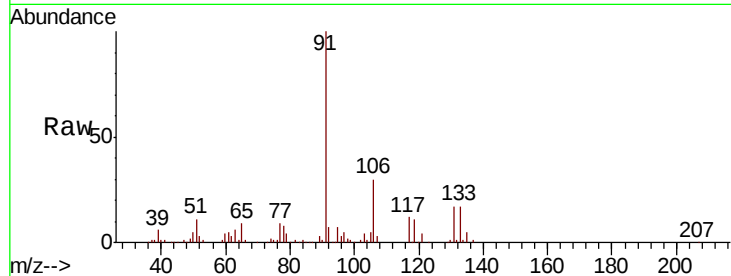




#67
Ethyl Benzene
Concen: 18.952 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

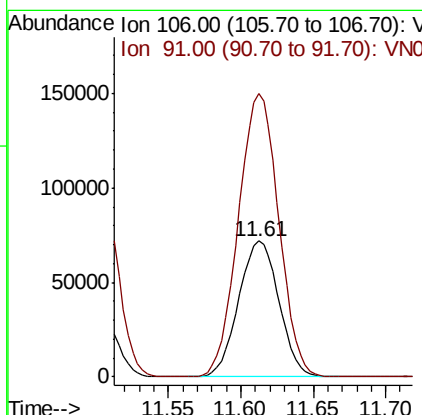
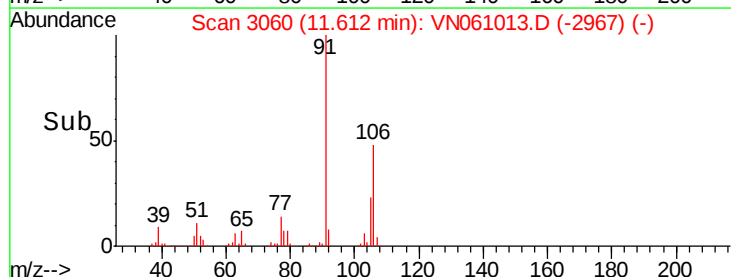
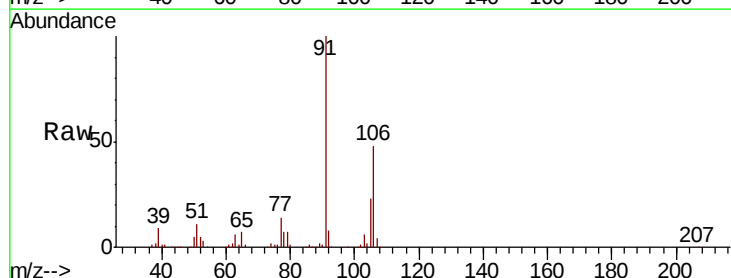
Instrument :
MSVOA_N
ClientSampled :
VN0416WBS01

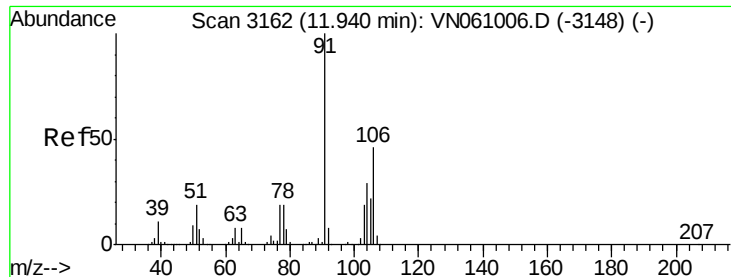
Tot Ion: 91 Resp: 189845
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.8



#68
m/p-Xylenes
Concen: 38.377 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

Tgt Ion: 106 Resp: 138933
Ion Ratio Lower Upper
106 100
91 208.7 167.9 251.9

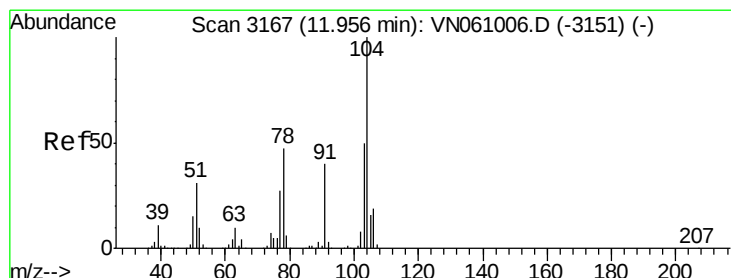
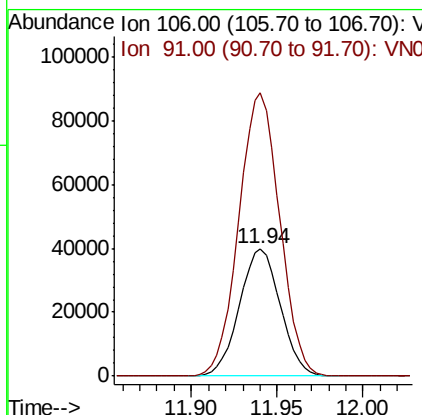
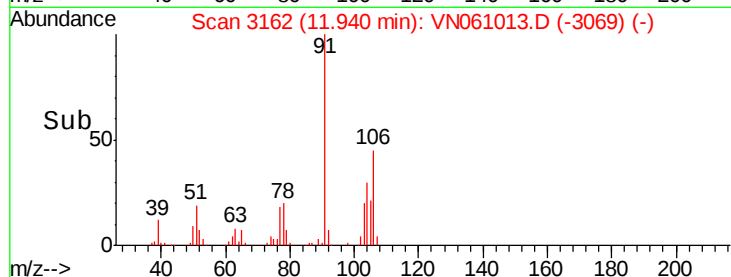
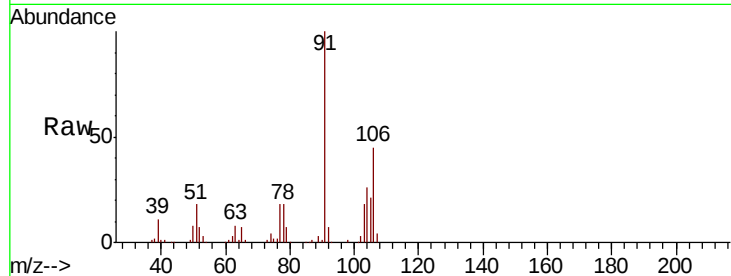




#69
o-Xylene
Concen: 18.920 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

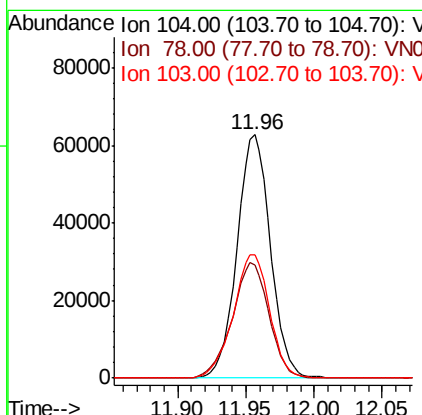
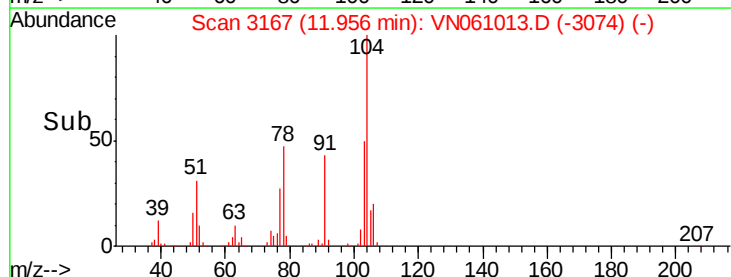
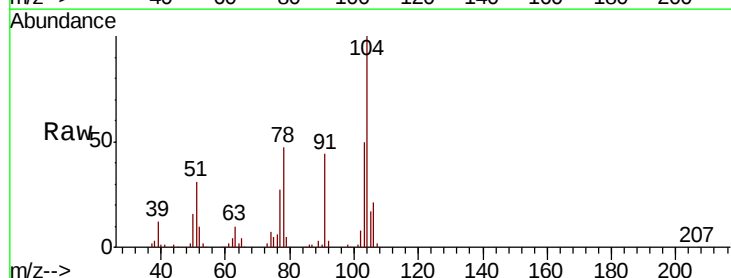
Instrument :
MSVOA_N
ClientSampled :
VN0416WBS01

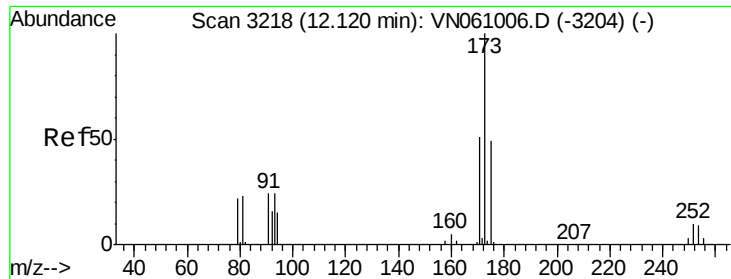
Tot Ion:106 Resp: 65855
Ion Ratio Lower Upper
106 100
91 222.5 110.7 332.1



#70
Styrene
Concen: 19.053 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

Tgt Ion:104 Resp: 106765
Ion Ratio Lower Upper
104 100
78 52.0 42.2 63.4
103 54.9 44.4 66.6

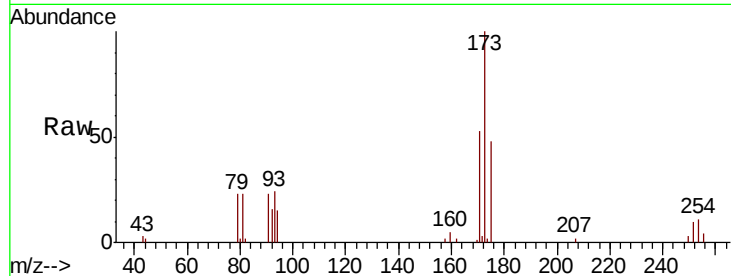




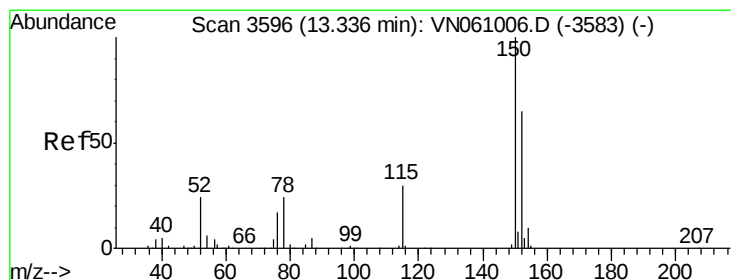
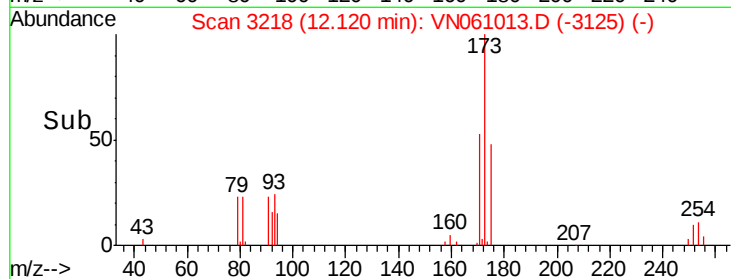
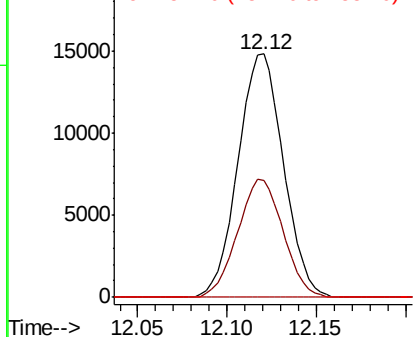
#71
Bromoform
Concen: 18.546 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

Tot Ion:173 Resp: 26375
Ion Ratio Lower Upper
173 100
175 48.4 24.5 73.5
254 0.0 0.0 0.0

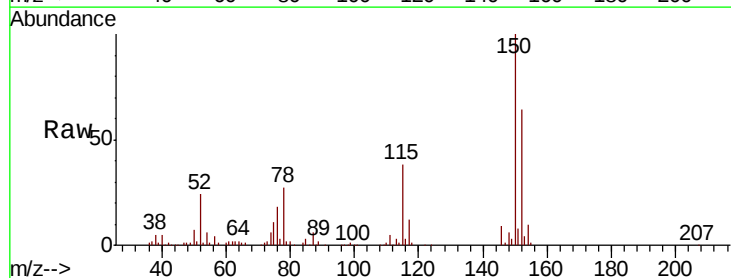


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

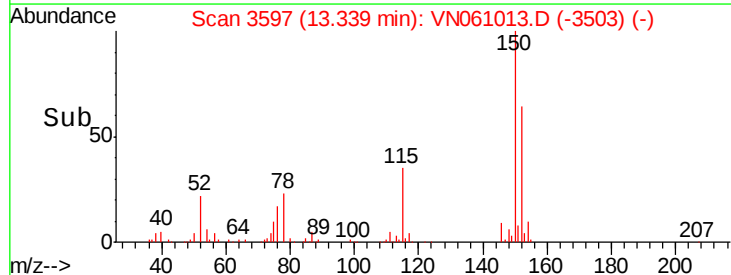
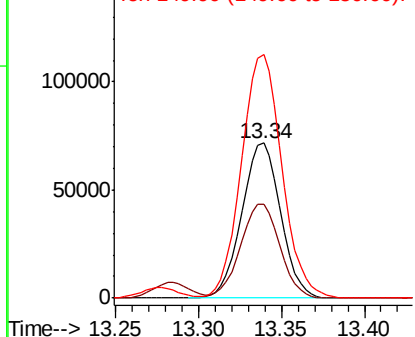


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

Tgt Ion:152 Resp: 116665
Ion Ratio Lower Upper
152 100
115 61.6 30.8 92.4
150 164.7 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: 19.201 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

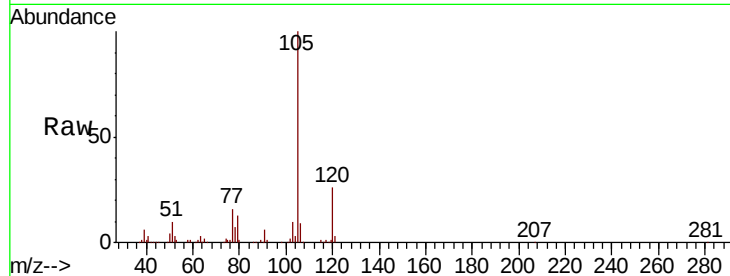
VN0416WBS01

Tot Ion:105 Resp: 179468

Ion Ratio Lower Upper

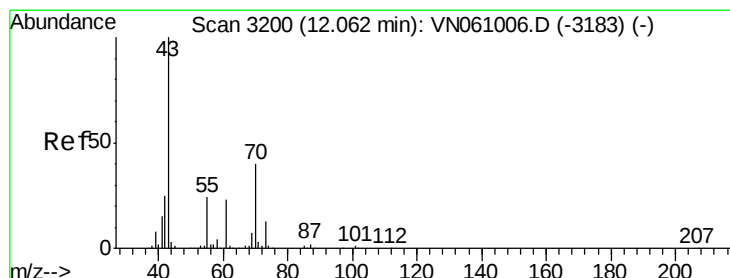
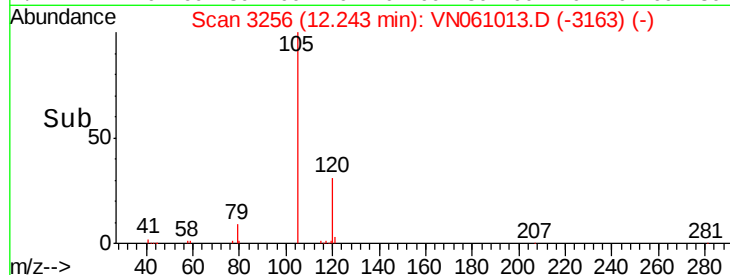
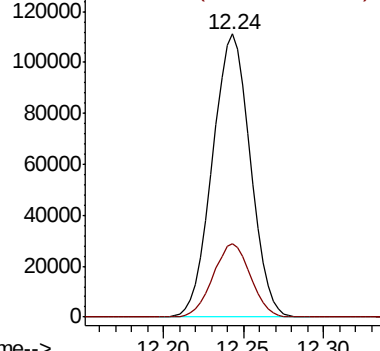
105 100

120 25.8 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: 17.698 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Tgt Ion: 43 Resp: 76923

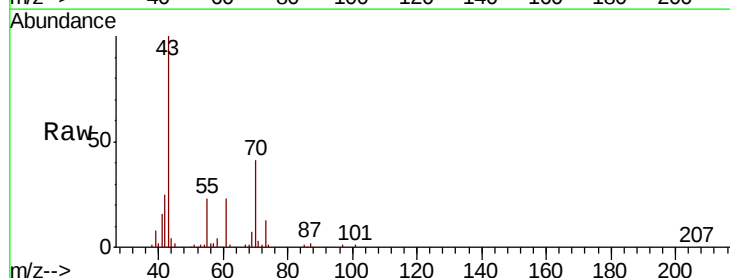
Ion Ratio Lower Upper

43 100

70 39.4 31.0 46.6

55 23.3 18.6 27.8

61 23.1 18.2 27.4

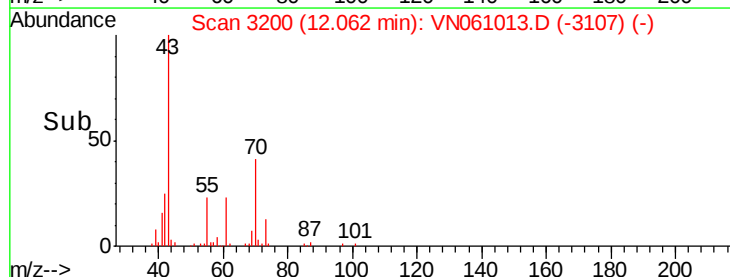
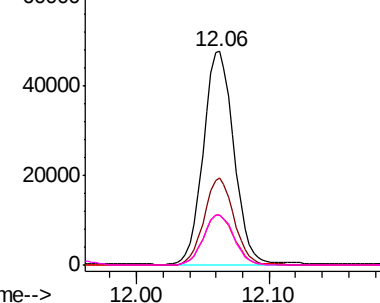


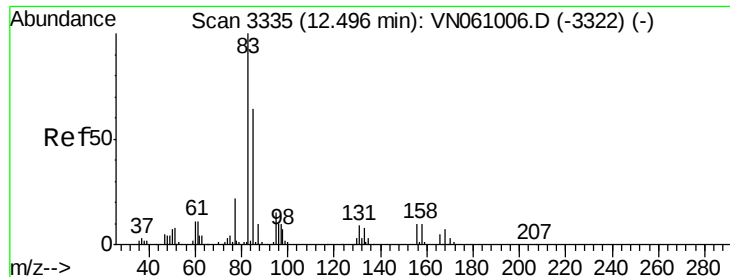
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 18.512 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS01

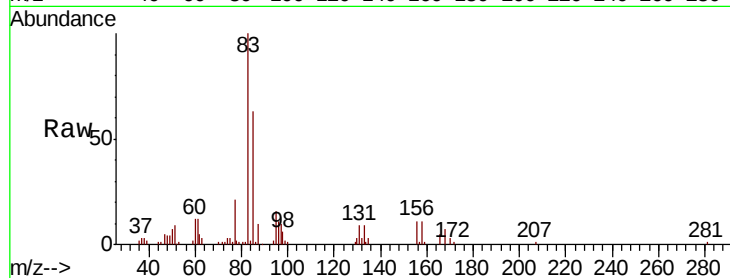
Tot Ion: 83 Resp: 52818

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

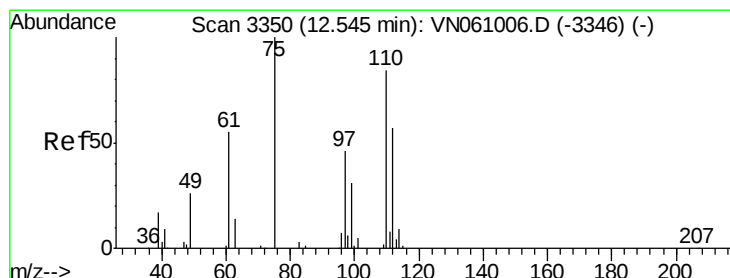
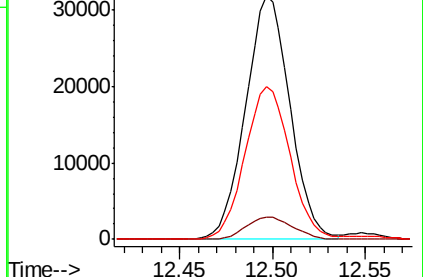
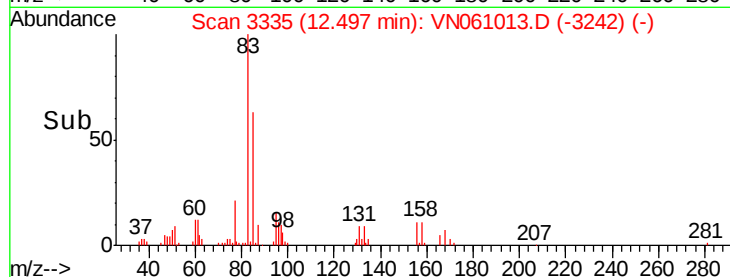
85 63.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN061013.D (-3242) (-)

Ion 130.80 (130.50 to 131.50): VN061013.D (-3242) (-)

Ion 84.90 (84.60 to 85.60): VN061013.D (-3242) (-)



#76

1,2,3-Trichloropropane

Concen: 27.663 ug/l

RT: 12.54 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN061013.D

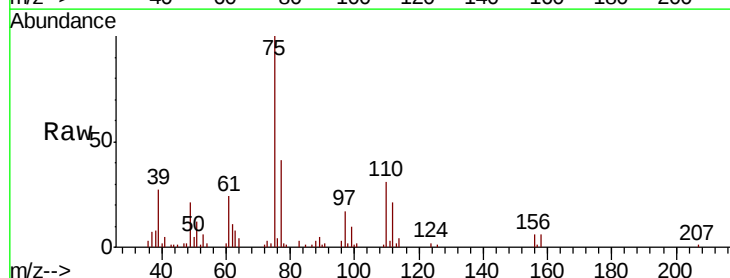
Acq: 16 Apr 2020 15:49

Tgt Ion: 75 Resp: 70988

Ion Ratio Lower Upper

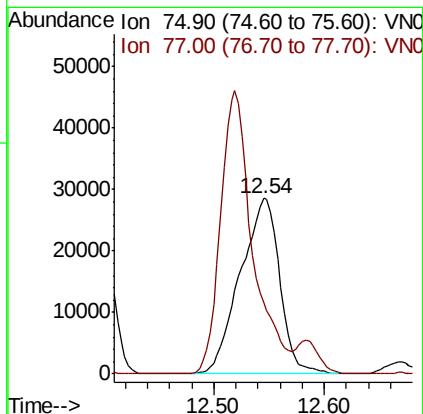
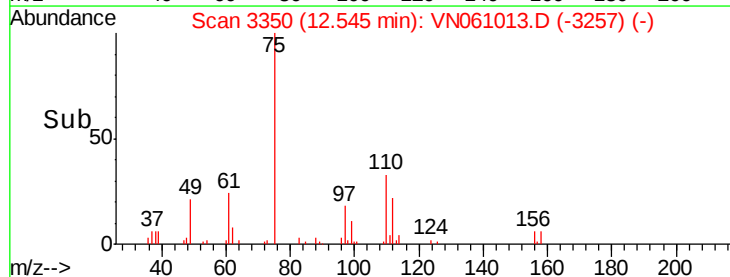
75 100

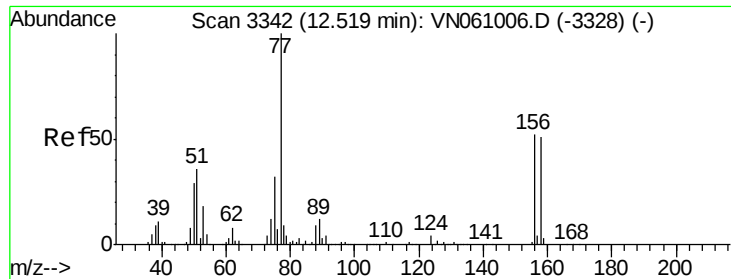
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061013.D (-3257) (-)

Ion 77.00 (76.70 to 77.70): VN061013.D (-3257) (-)





#77

Bromobenzene

Concen: 19.088 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS01

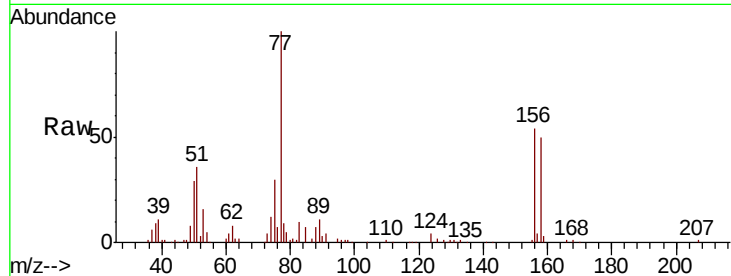
Tot Ion:156 Resp: 41655

Ion Ratio Lower Upper

156 100

77 223.6 115.6 346.8

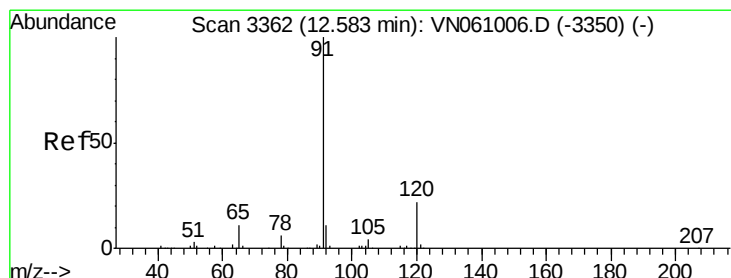
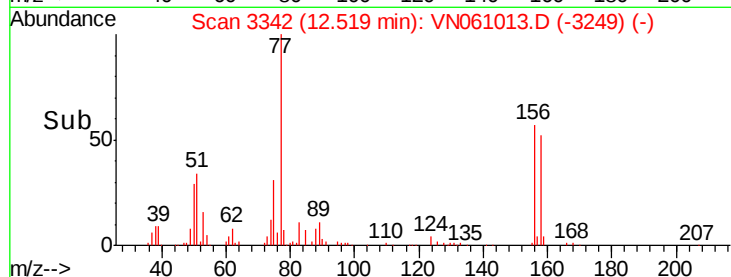
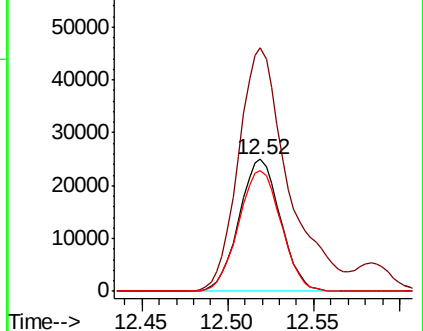
158 94.1 48.9 146.6



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: 19.447 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VN061013.D

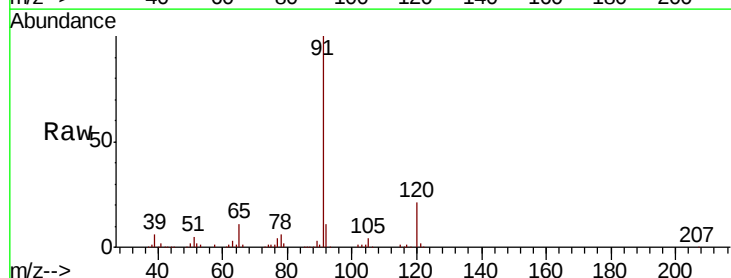
Acq: 16 Apr 2020 15:49

Tgt Ion: 91 Resp: 212660

Ion Ratio Lower Upper

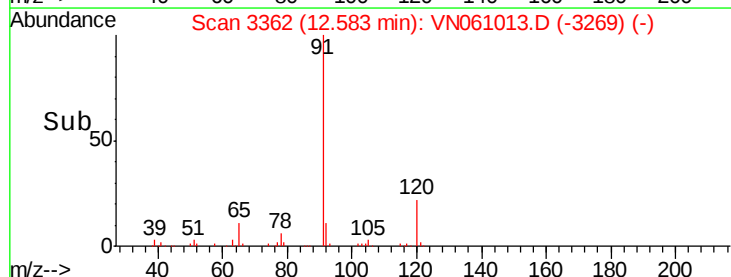
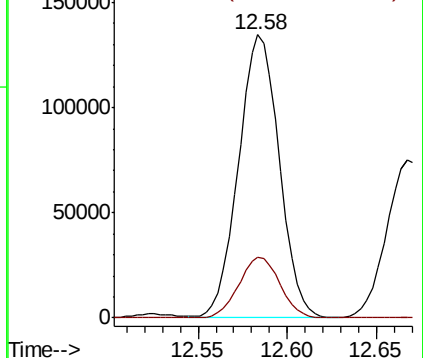
91 100

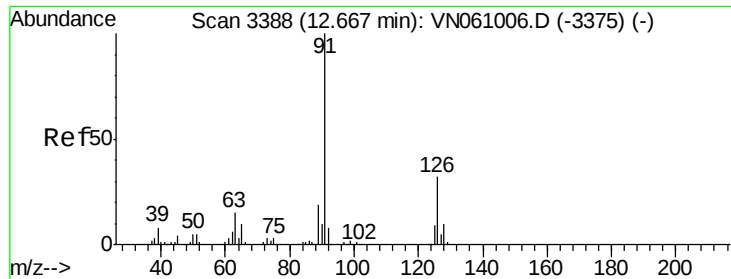
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.430 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampled :

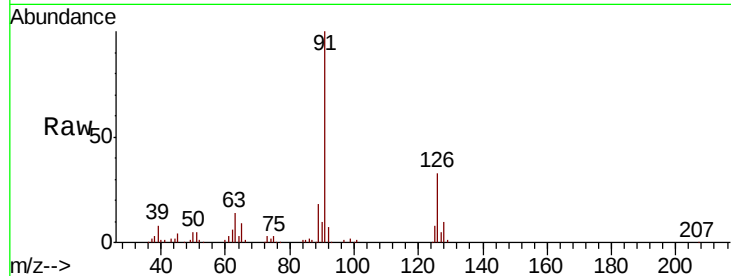
VN0416WBS01

Tot Ion: 91 Resp: 124616

Ion Ratio Lower Upper

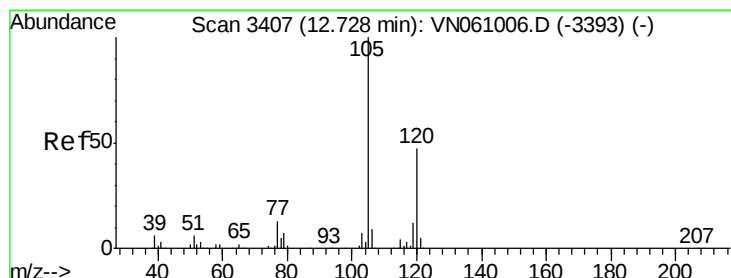
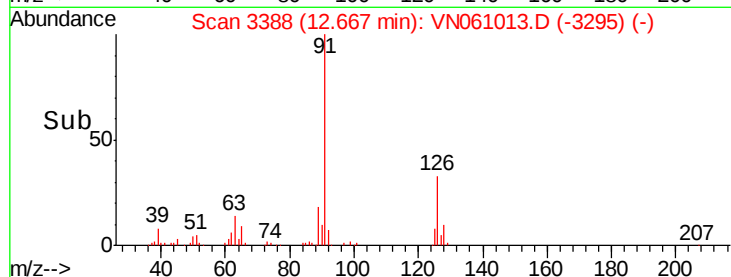
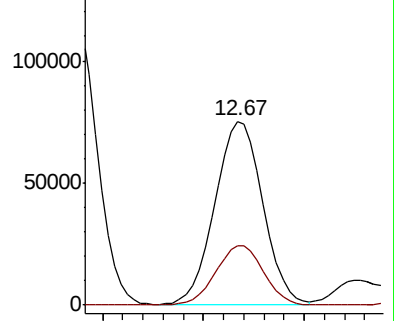
91 100

126 32.4 16.1 48.2



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

Ion 125.90 (125.60 to 126.60): VN061006.D (-3375) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.451 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN061013.D

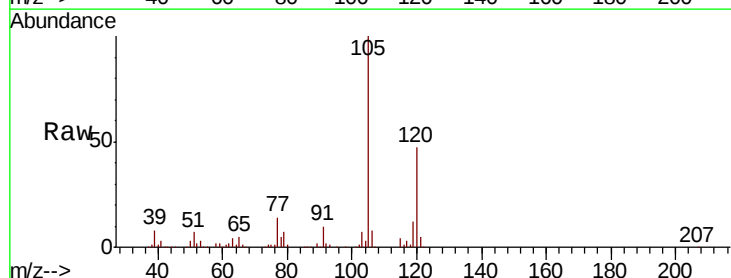
Acq: 16 Apr 2020 15:49

Tgt Ion:105 Resp: 150270

Ion Ratio Lower Upper

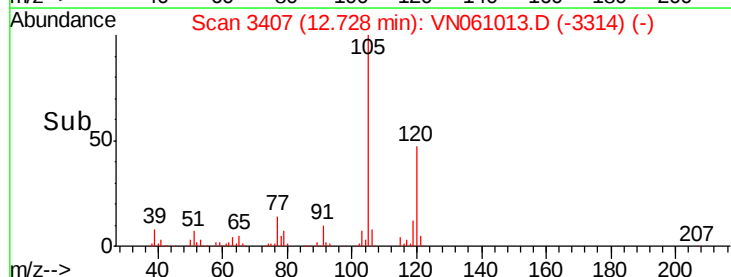
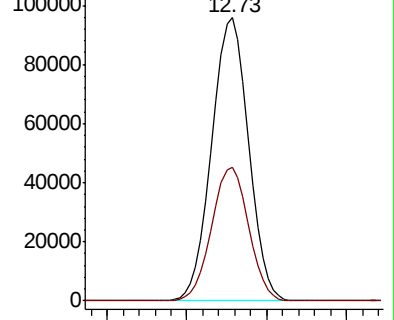
105 100

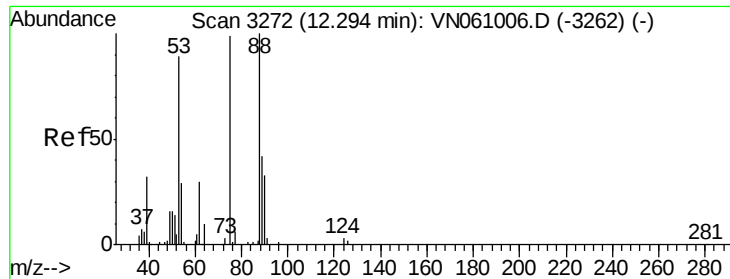
120 47.3 23.6 70.8



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

Ion 120.00 (119.70 to 120.70): VN061006.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.265 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampled :

VN0416WBS01

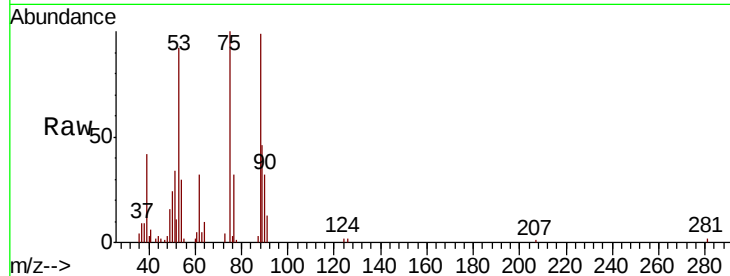
Tot Ion: 75 Resp: 17962

Ion Ratio Lower Upper

75 100

53 93.9 74.7 112.1

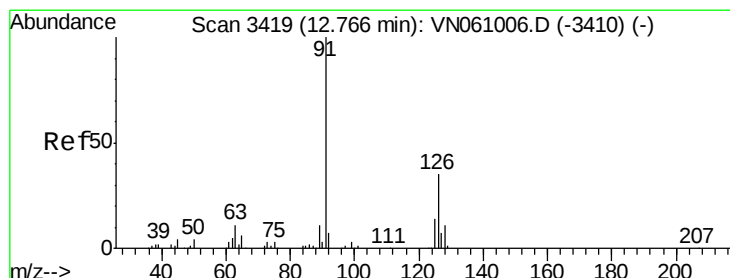
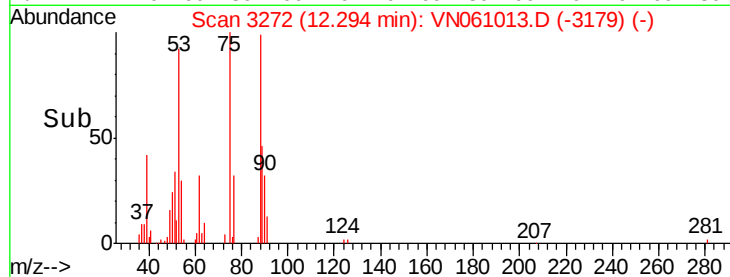
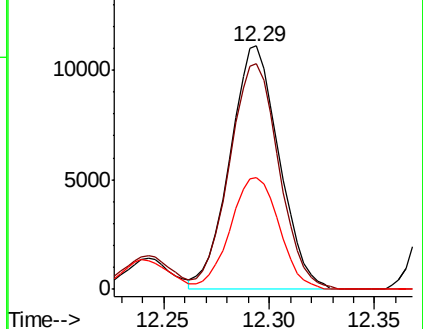
89 45.6 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VN061013.D (-3179) (-)

Ion 53.00 (52.70 to 53.70): VN061013.D (-3179) (-)

Ion 88.90 (88.60 to 89.60): VN061013.D (-3179) (-)



#82

4-Chlorotoluene

Concen: 19.206 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN061013.D

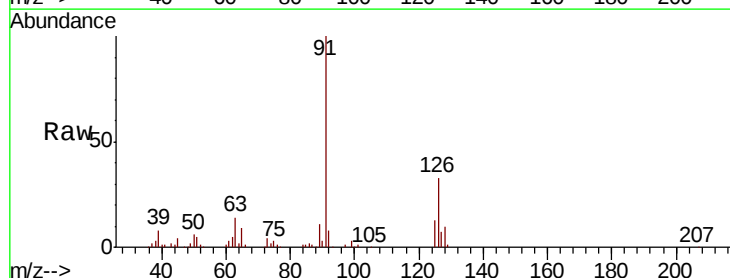
Acq: 16 Apr 2020 15:49

Tgt Ion: 91 Resp: 127753

Ion Ratio Lower Upper

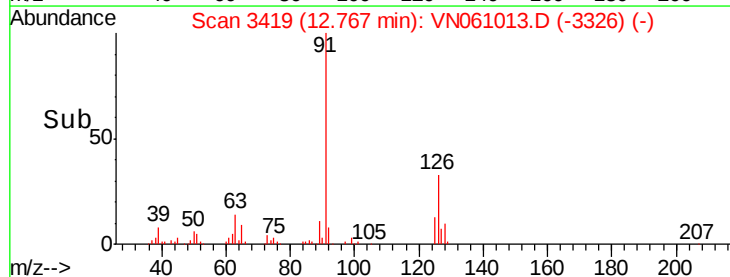
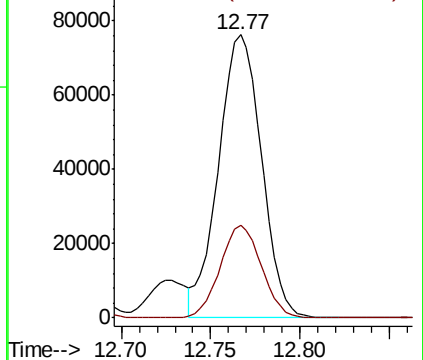
91 100

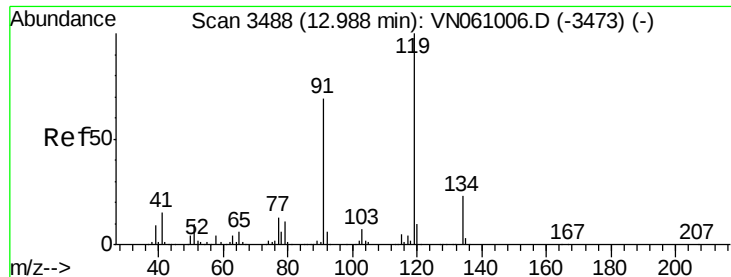
126 31.3 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN061013.D (-3326) (-)

Ion 125.90 (125.60 to 126.60): VN061013.D (-3326) (-)

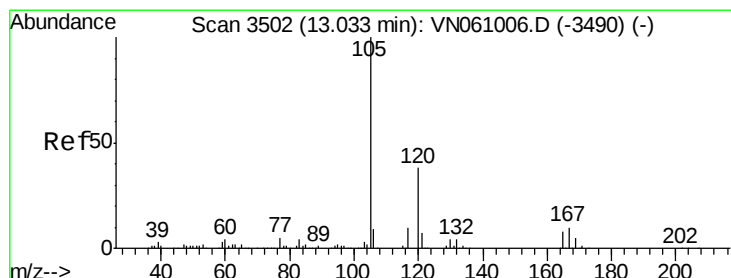
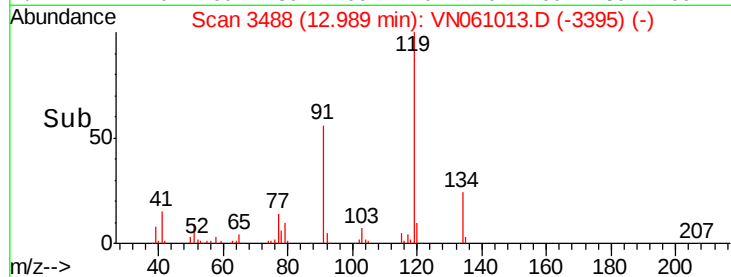
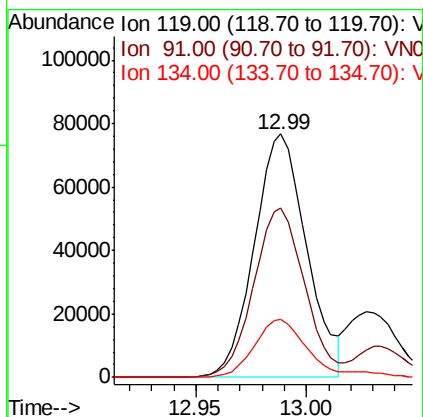
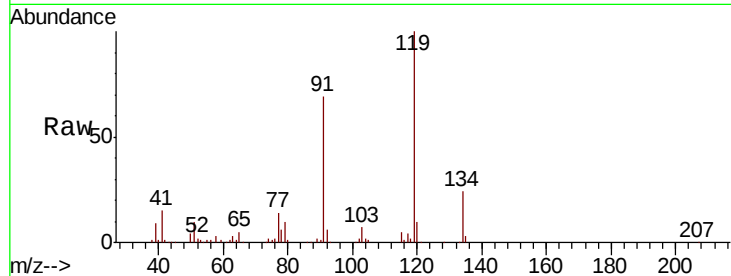




#83
tert-Butylbenzene
Concen: 19.461 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

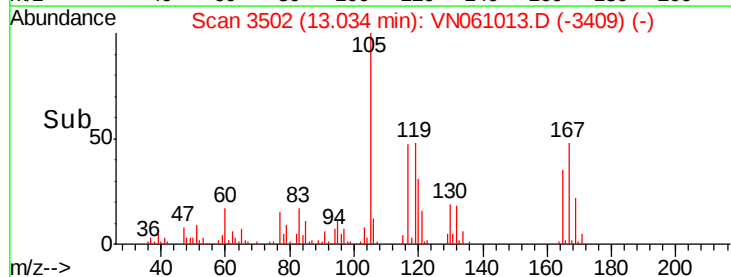
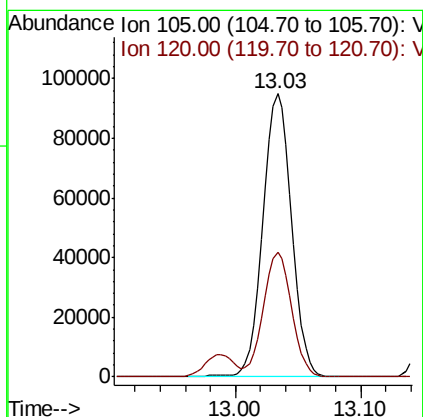
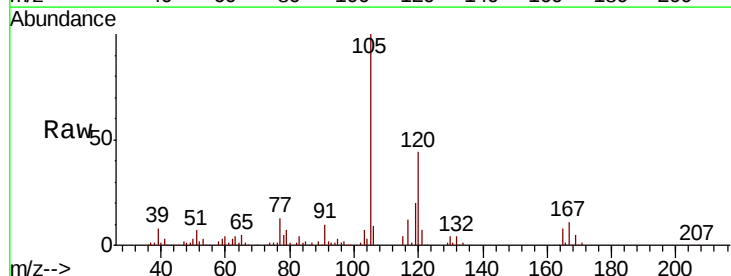
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

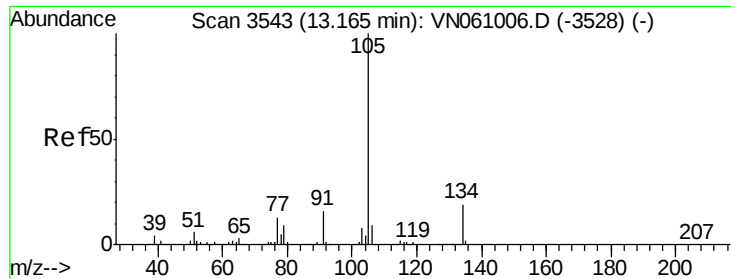
Tot Ion:119 Resp: 126441
Ion Ratio Lower Upper
119 100
91 68.0 34.1 102.3
134 24.9 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 19.792 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

Tgt Ion:105 Resp: 151144
Ion Ratio Lower Upper
105 100
120 43.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 19.430 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

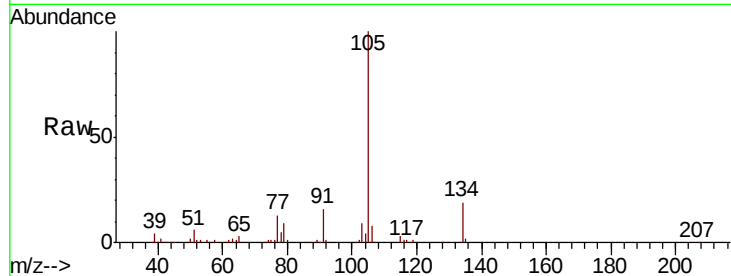
VN0416WBS01

Tot Ion:105 Resp: 171051

Ion Ratio Lower Upper

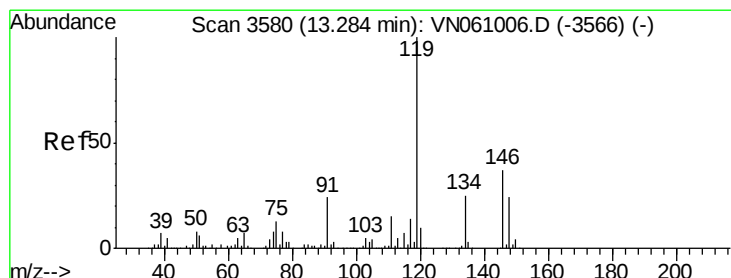
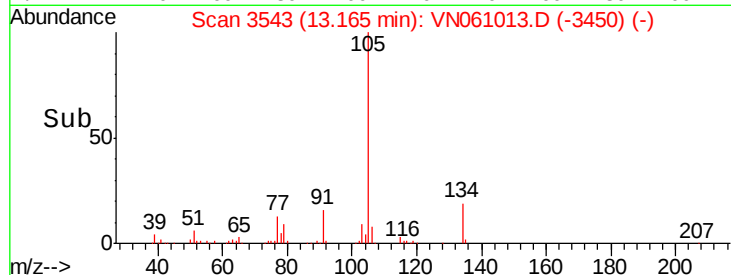
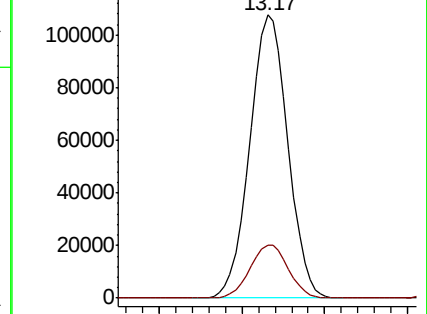
105 100

134 18.9 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.692 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

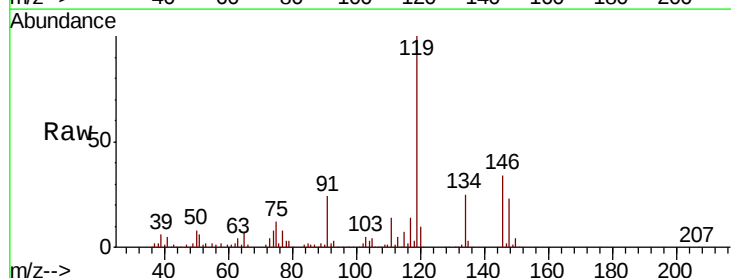
Tgt Ion:119 Resp: 154370

Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

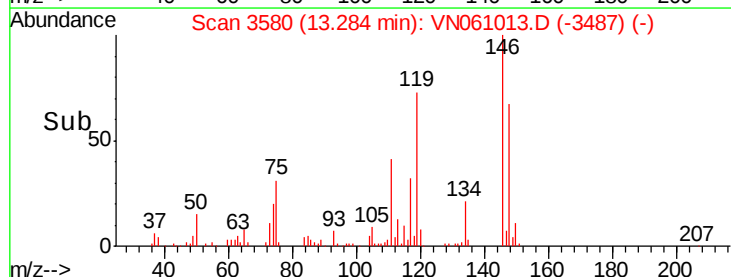
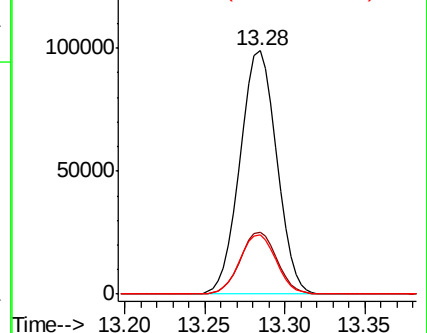
91 24.3 12.3 36.8

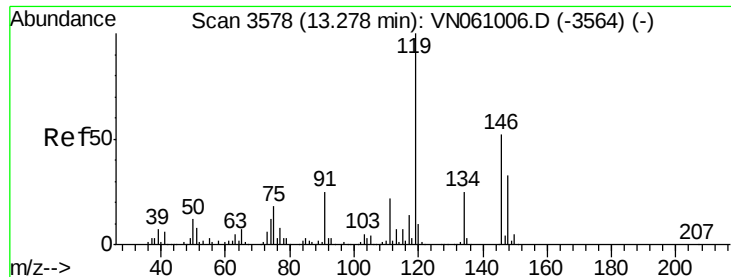


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

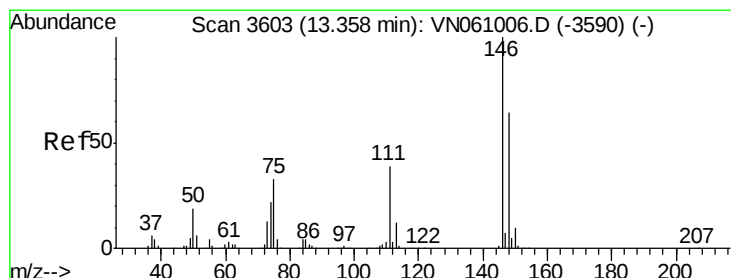
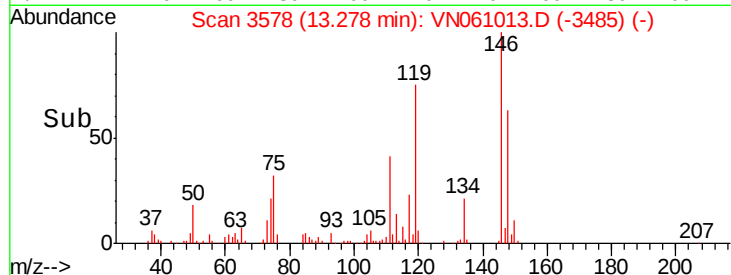
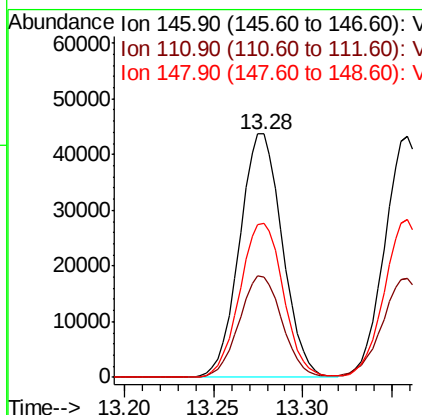
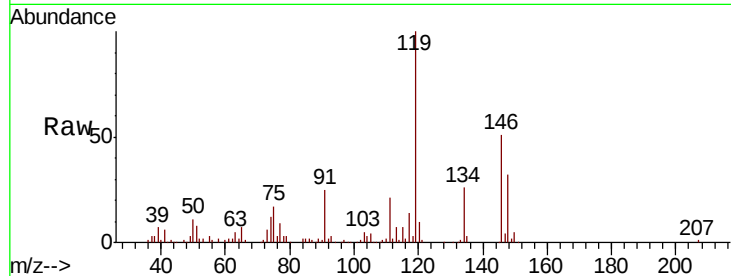




#87
 1,3-Dichlorobenzene
 Concen: 18.847 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN061013.D
 Acq: 16 Apr 2020 15:49

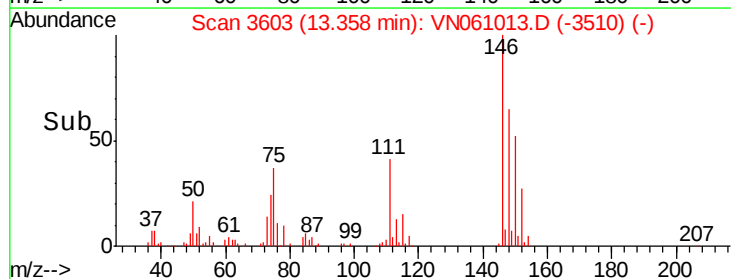
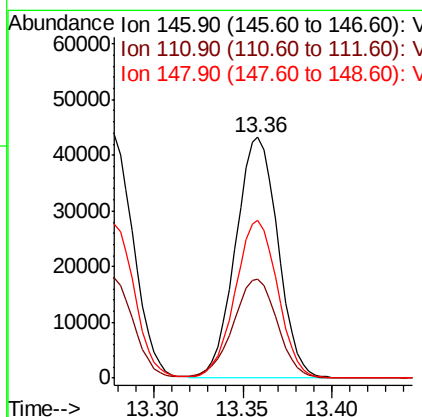
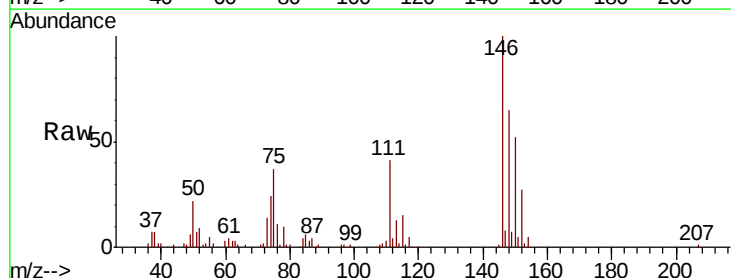
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS01

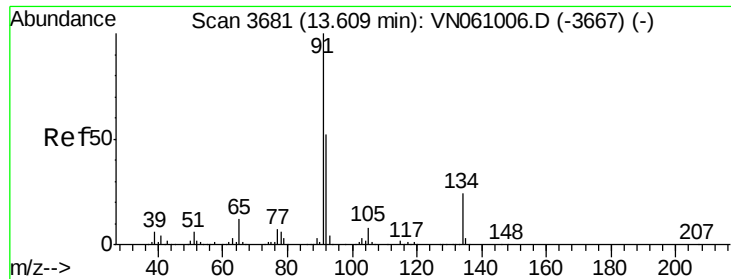
Tot Ion:146 Resp: 73298
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.6 61.8
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.271 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN061013.D
 Acq: 16 Apr 2020 15:49

Tgt Ion:146 Resp: 71485
 Ion Ratio Lower Upper
 146 100
 111 43.1 20.1 60.3
 148 65.7 32.1 96.3

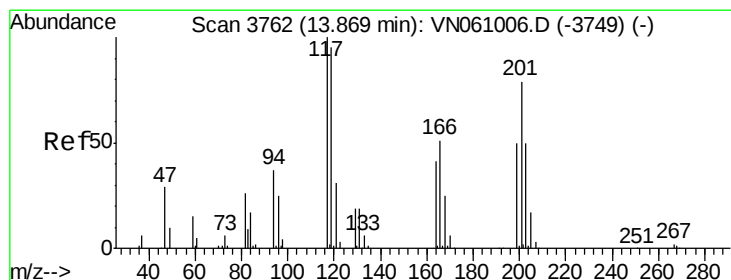
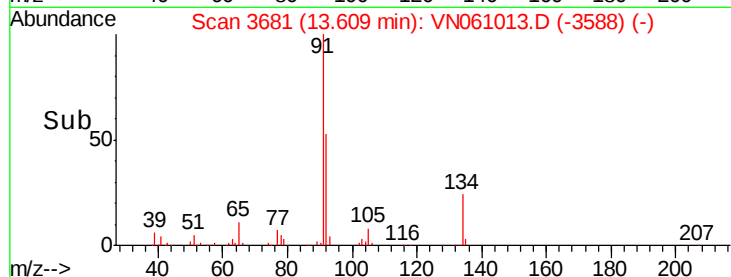
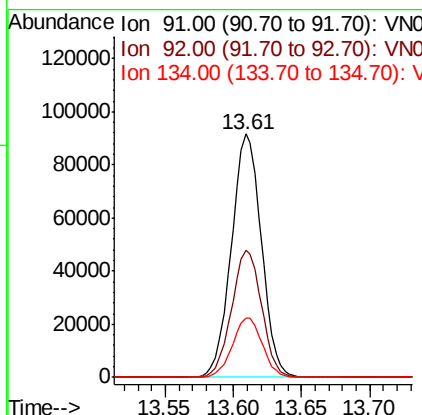
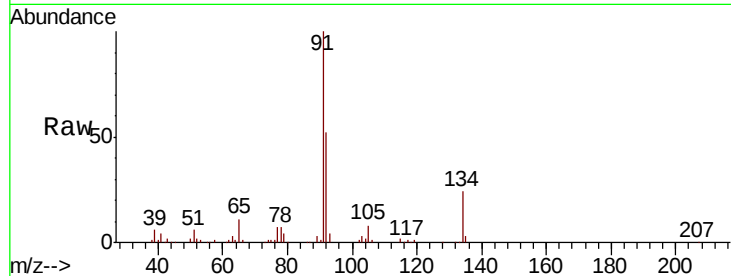




#89
n-Butylbenzene
Concen: 19.180 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

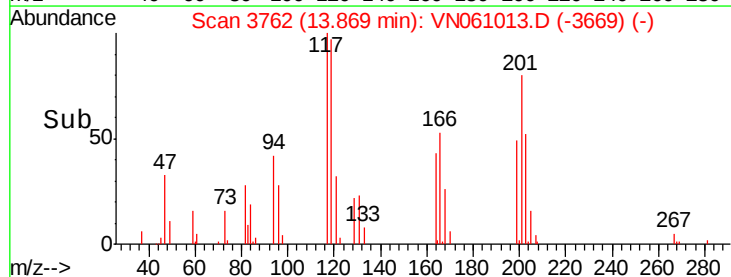
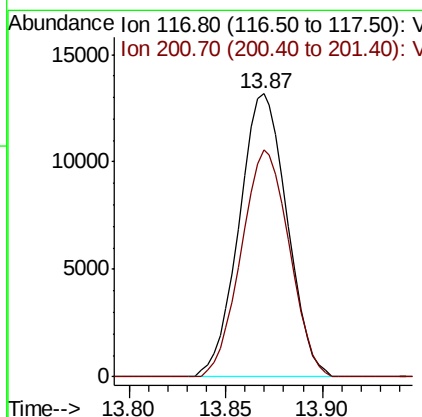
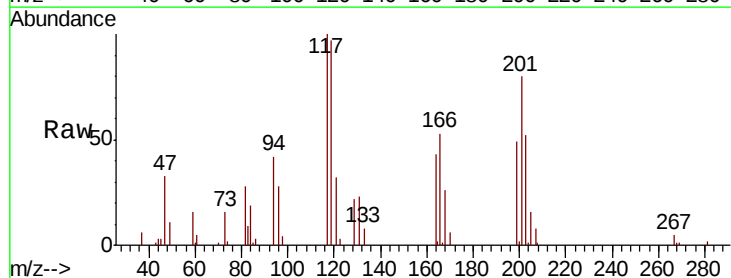
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

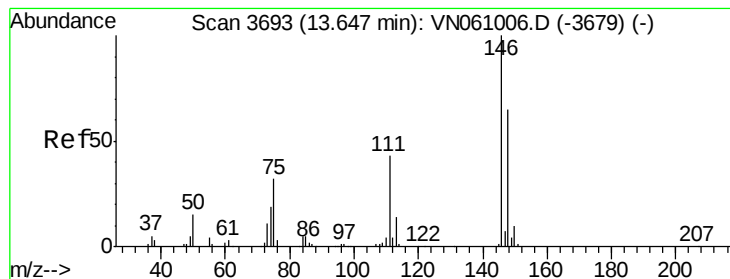
Tot Ion: 91 Resp: 139818
Ion Ratio Lower Upper
91 100
92 52.3 26.1 78.2
134 24.2 12.3 36.8



#90
Hexachloroethane
Concen: 18.902 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN061013.D
Acq: 16 Apr 2020 15:49

Tgt Ion: 117 Resp: 22733
Ion Ratio Lower Upper
117 100
201 80.3 39.3 117.9





#91

1,2-Dichlorobenzene

Concen: 18.930 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampled :

VN0416WBS01

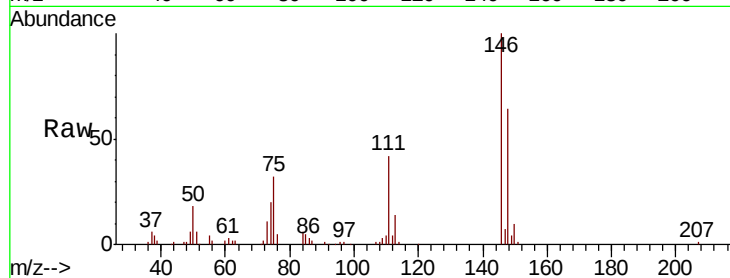
Tot Ion:146 Resp: 70267

Ion Ratio Lower Upper

146 100

111 42.2 21.3 64.0

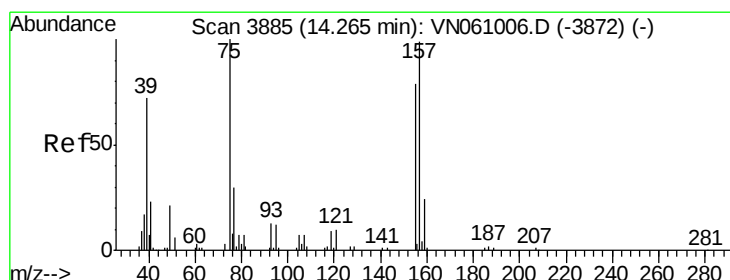
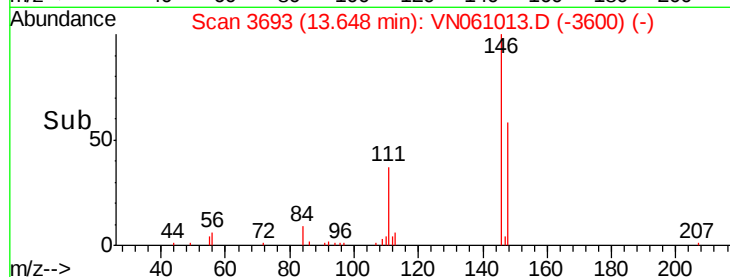
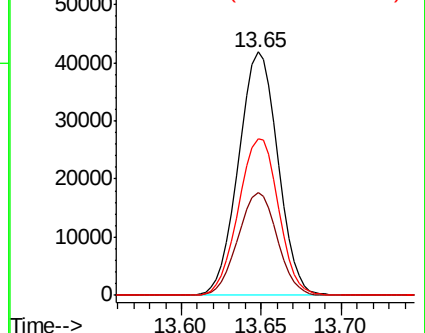
148 65.2 32.0 96.0



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: 18.324 ug/l

RT: 14.26 min Scan# 3884

Delta R.T. -0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

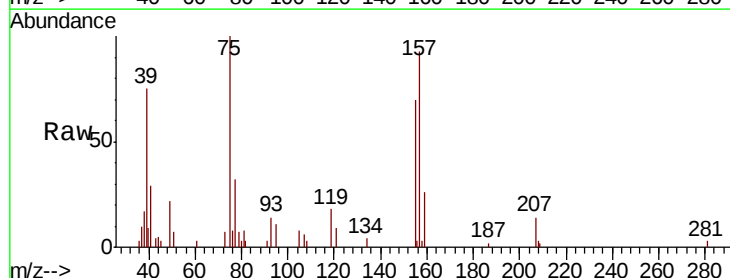
Tgt Ion: 75 Resp: 10118

Ion Ratio Lower Upper

75 100

155 72.9 39.5 118.5

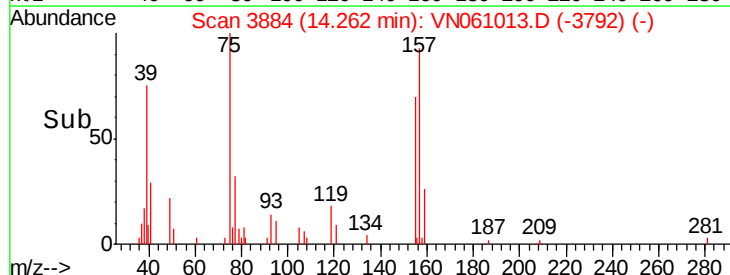
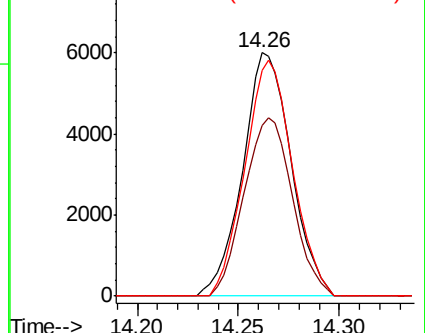
157 94.8 50.1 150.4

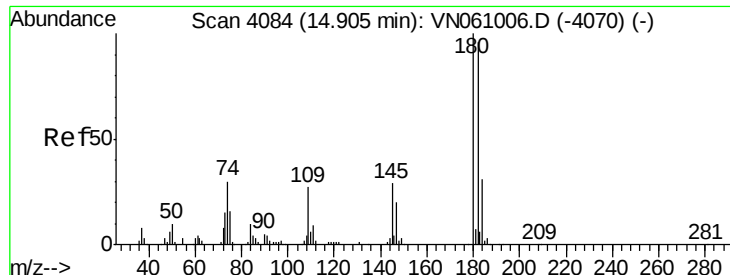


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

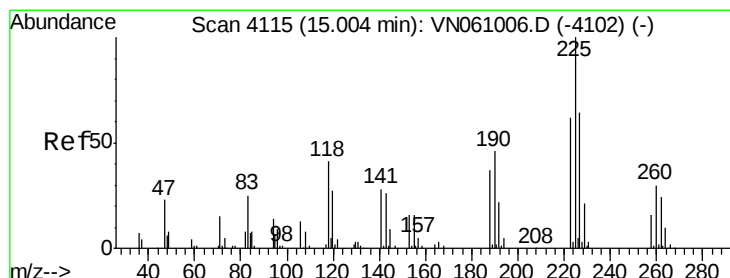
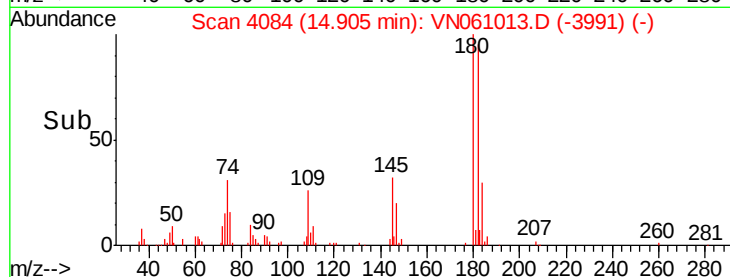
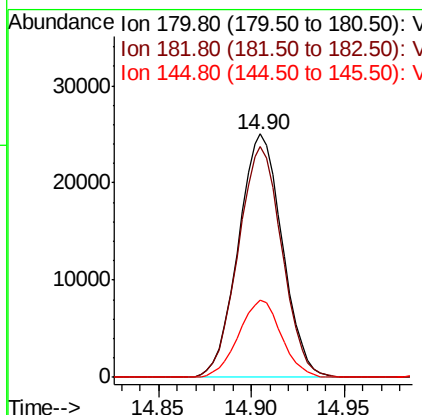
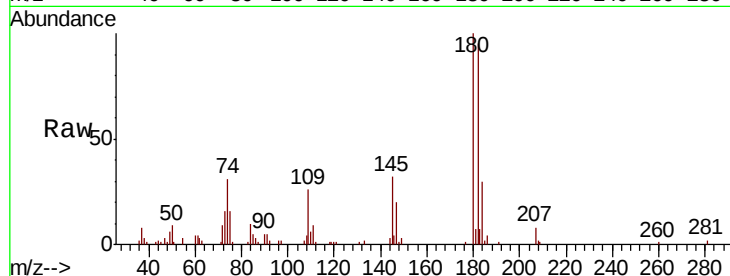




#93
 1,2,4-Trichlorobenzene
 Concen: 18.778 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN061013.D
 Acq: 16 Apr 2020 15:49

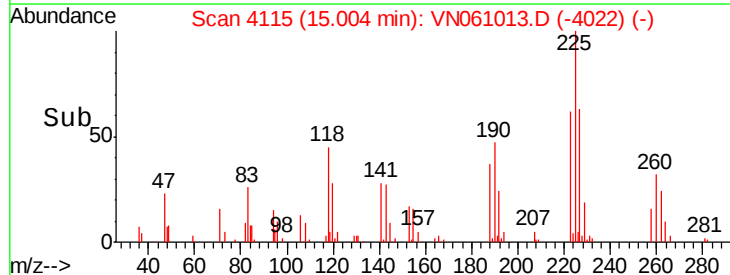
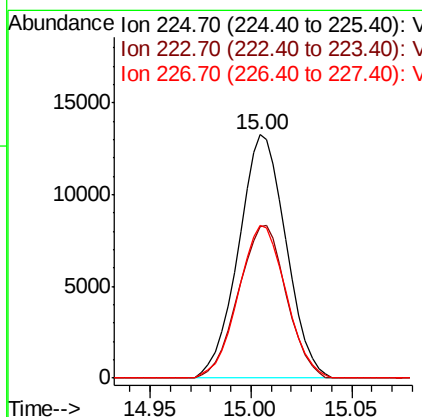
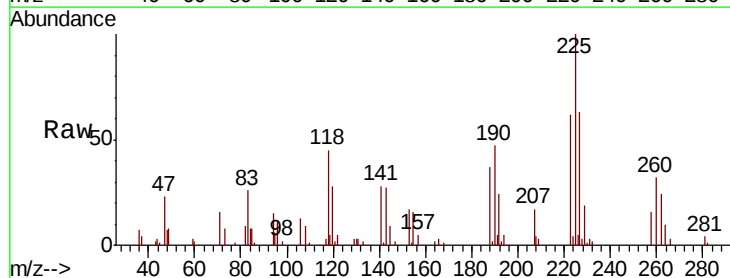
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.8	143.3
145	30.7	15.3	45.8



#94
 Hexachlorobutadiene
 Concen: 19.342 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN061013.D
 Acq: 16 Apr 2020 15:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.3	93.8
227	63.1	31.9	95.5





#95

Naphthalene

Concen: 17.836 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS01

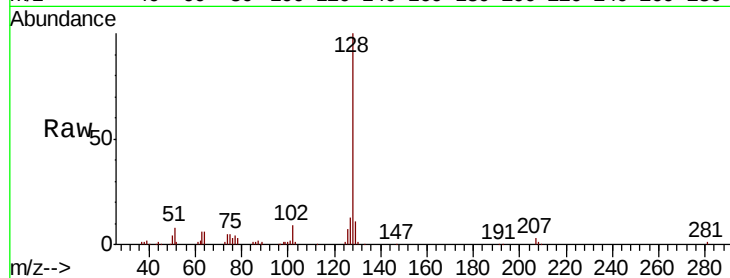
Tot Ion:128 Resp: 114277

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

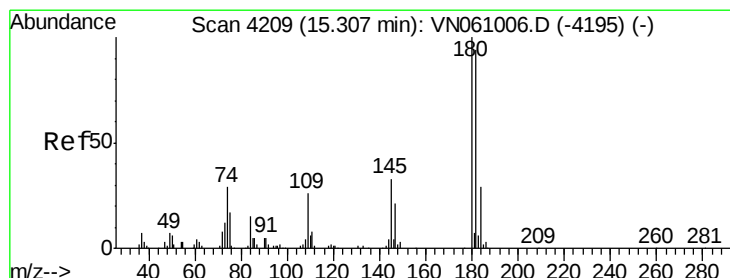
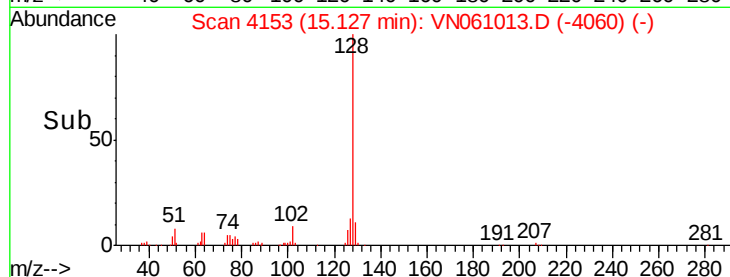
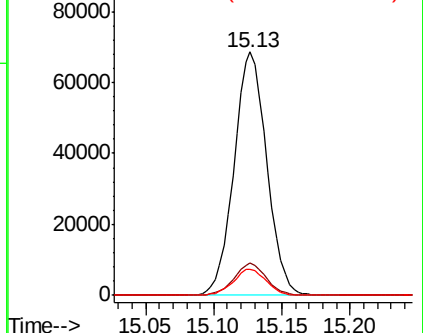
129 10.7 8.6 13.0



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: 18.721 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. 0.00 min

Lab File: VN061013.D

Acq: 16 Apr 2020 15:49

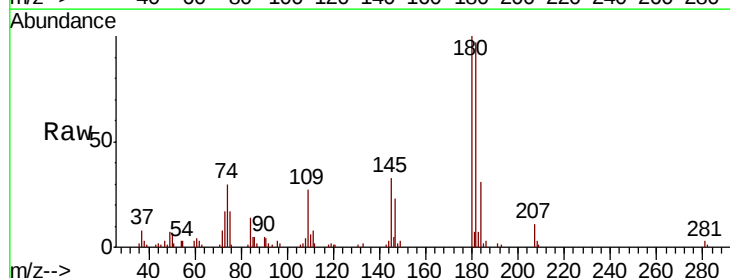
Tgt Ion:180 Resp: 39636

Ion Ratio Lower Upper

180 100

182 96.2 47.6 142.8

145 32.9 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

