

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061014.D
 Acq On : 16 Apr 2020 16:18
 Operator : JC/MD
 Sample : VN0416WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 17 03:57:51 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	163556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	272129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	245168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	111602	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	98212	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	
35) Dibromofluoromethane	7.56	113	74801	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	
50) Toluene-d8	10.08	98	269671	44.91	ug/l	0.00
Spiked Amount			Recovery	=	89.82%	
62) 4-Bromofluorobenzene	12.39	95	106654	45.31	ug/l	0.00
Spiked Amount			Recovery	=	90.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	39799	18.641	ug/l	98
3) Chloromethane	2.04	50	50220	17.312	ug/l	98
4) Vinyl Chloride	2.17	62	44021	18.261	ug/l	99
5) Bromomethane	2.55	94	22506	18.617	ug/l	98
6) Chloroethane	2.69	64	25923	18.642	ug/l	97
7) Trichlorofluoromethane	3.00	101	56366	18.781	ug/l	100
8) Diethyl Ether	3.38	74	23006	19.287	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	32116	18.240	ug/l	97
10) Methyl Iodide	3.93	142	31306	20.154	ug/l	100
11) Tert butyl alcohol	4.72	59	34283	92.337	ug/l	100
12) 1,1-Dichloroethene	3.71	96	32774	18.311	ug/l	98
13) Acrolein	3.57	56	24736	78.905	ug/l	100
14) Allyl chloride	4.29	41	60004	17.719	ug/l	99
15) Acrylonitrile	4.94	53	94647	94.019	ug/l	100
16) Acetone	3.78	43	82929	90.037	ug/l	99
17) Carbon Disulfide	4.03	76	101710	18.160	ug/l	99
18) Methyl Acetate	4.28	43	54156	18.751	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	117872	18.887	ug/l	97
20) Methylene Chloride	4.52	84	37379	18.587	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	35334	18.458	ug/l	94
22) Diisopropyl ether	5.91	45	130061	18.492	ug/l	96
23) Vinyl Acetate	5.85	43	514342	93.256	ug/l	99
24) 1,1-Dichloroethane	5.81	63	70139	18.464	ug/l	100
25) 2-Butanone	6.79	43	127092	90.047	ug/l	97
26) 2,2-Dichloropropane	6.79	77	59259	18.736	ug/l	99
27) cis-1,2-Dichloroethene	6.79	96	40880	18.601	ug/l	99
28) Bromochloromethane	7.16	49	34367	19.709	ug/l	97
29) Tetrahydrofuran	7.17	42	86184	89.945	ug/l	98
30) Chloroform	7.34	83	66038	18.638	ug/l	100
31) Cyclohexane	7.63	56	68898	17.675	ug/l	95
32) 1,1,1-Trichloroethane	7.54	97	56790	18.530	ug/l	100
36) 1,1-Dichloropropene	7.76	75	51968	18.506	ug/l	99
37) Ethyl Acetate	6.89	43	55406	18.171	ug/l	99
38) Carbon Tetrachloride	7.75	117	42945	18.373	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.06	83	62006	18.469	ug/l	96
40) Benzene	8.01	78	153783	18.460	ug/l	100
41) Methacrylonitrile	7.17	41	78372	61.622	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	56187	19.799	ug/l	100
43) Isopropyl Acetate	8.14	43	92170	18.586	ug/l	99
44) Trichloroethene	8.81	130	38181	18.240	ug/l	97
45) 1,2-Dichloropropane	9.10	63	41812	18.582	ug/l	97
46) Dibromomethane	9.19	93	25763	19.858	ug/l	98
47) Bromodichloromethane	9.38	83	52332	19.094	ug/l	98
48) Methyl methacrylate	9.18	41	39905	18.209	ug/l	100
49) 1,4-Dioxane	9.18	88	11641	391.034	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	266589	93.253	ug/l	100
52) Toluene	10.14	92	93072	18.623	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	61523	19.325	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	65539	18.868	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	36437	19.266	ug/l	100
56) Ethyl methacrylate	10.42	69	56029	18.839	ug/l	99
57) 1,3-Dichloropropane	10.70	76	64209	19.033	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	124044	91.789	ug/l	99
59) 2-Hexanone	10.74	43	191295	92.786	ug/l	100
60) Dibromochloromethane	10.89	129	36734	18.907	ug/l	99
61) 1,2-Dibromoethane	10.99	107	36682	19.034	ug/l	99
64) Tetrachloroethene	10.62	164	35974	19.175	ug/l	98
65) Chlorobenzene	11.42	112	94762	18.723	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	34200	18.887	ug/l	98
67) Ethyl Benzene	11.50	91	178102	18.708	ug/l	99
68) m/p-Xylenes	11.61	106	130267	37.862	ug/l	99
69) o-Xylene	11.94	106	62534	18.903	ug/l	99
70) Styrene	11.96	104	101498	19.058	ug/l	99
71) Bromoform	12.12	173	26044	19.269	ug/l #	99
73) Isopropylbenzene	12.24	105	167416	18.725	ug/l	100
74) N-amyl acetate	12.06	43	74929	18.021	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	52065	19.076	ug/l	98
76) 1,2,3-Trichloropropane	12.54	75	71259	29.029	ug/l #	100
77) Bromobenzene	12.52	156	39661	18.999	ug/l	99
78) n-propylbenzene	12.58	91	198055	18.933	ug/l	100
79) 2-Chlorotoluene	12.67	91	115102	18.761	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	140617	19.027	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	18122	18.209	ug/l	99
82) 4-Chlorotoluene	12.77	91	120247	18.898	ug/l	100
83) tert-Butylbenzene	12.99	119	117920	18.973	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	141680	19.394	ug/l	99
85) sec-Butylbenzene	13.16	105	158927	18.872	ug/l	100
86) p-Isopropyltoluene	13.28	119	142726	19.033	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	70045	18.828	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	70933	18.952	ug/l	99
89) n-Butylbenzene	13.61	91	133710	19.175	ug/l	99
90) Hexachloroethane	13.87	117	21794	18.943	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	67808	19.097	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	10386	19.662	ug/l	97

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QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration

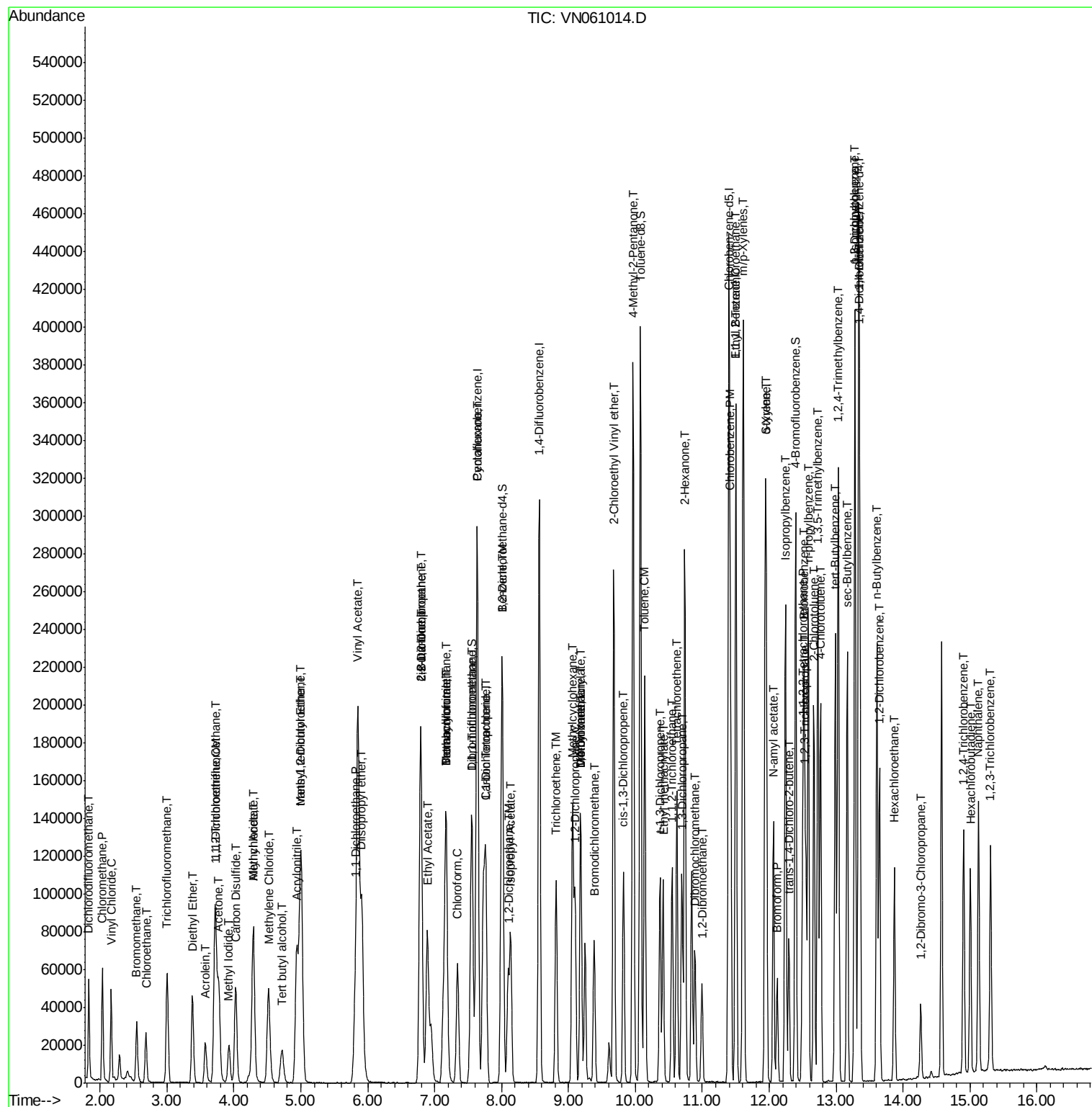
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	42228	20.093	ug/l	99
94) Hexachlorobutadiene	15.00	225	21242	19.648	ug/l	99
95) Naphthalene	15.13	128	120633	19.682	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	40658	20.075	ug/l	99

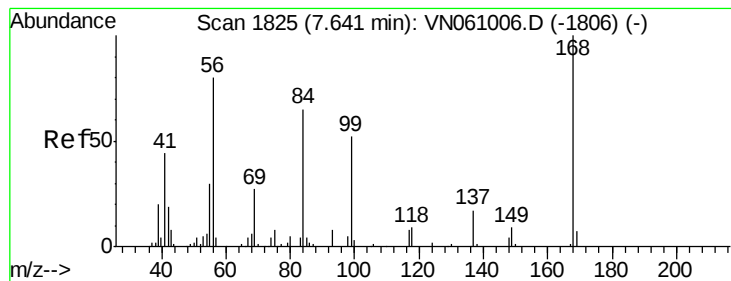
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Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

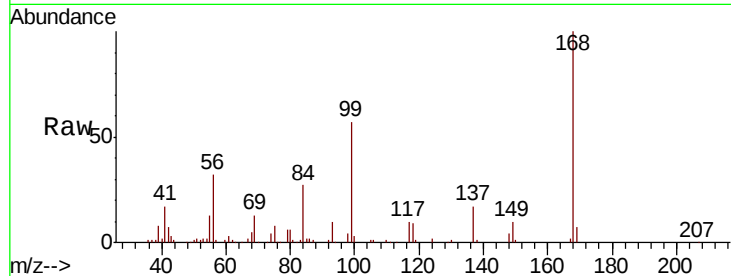
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 163556

Ion Ratio Lower Upper

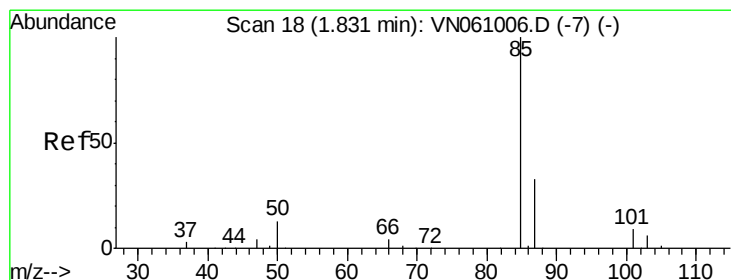
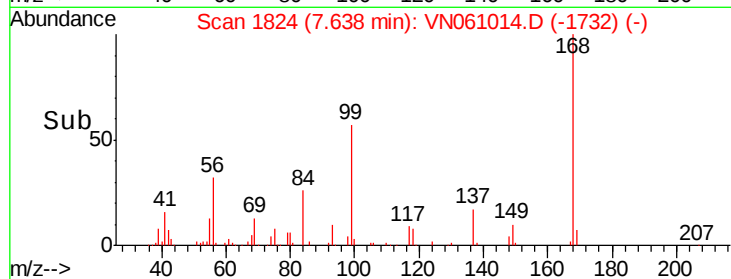
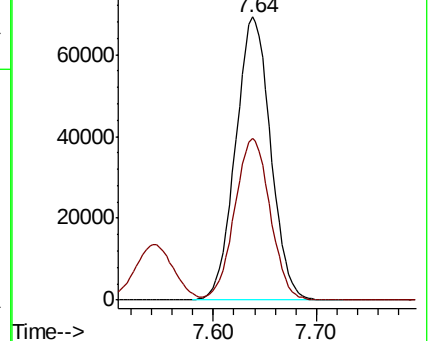
168 100

99 57.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.641 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061014.D

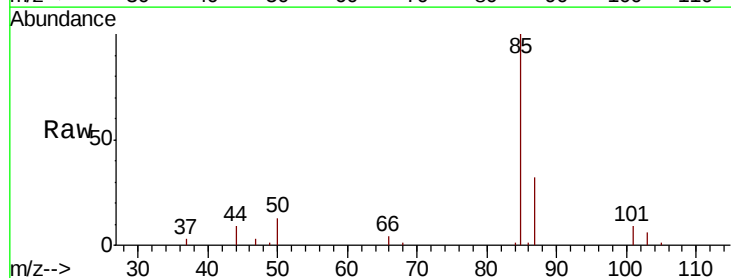
Acq: 16 Apr 2020 16:18

Tgt Ion: 85 Resp: 39799

Ion Ratio Lower Upper

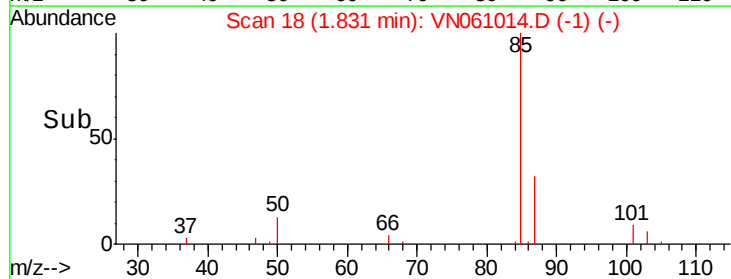
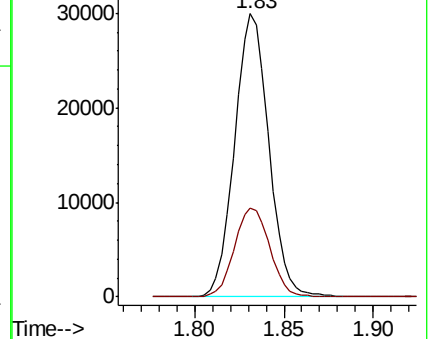
85 100

87 31.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.312 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

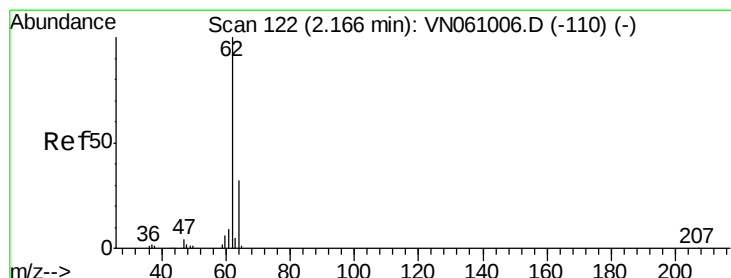
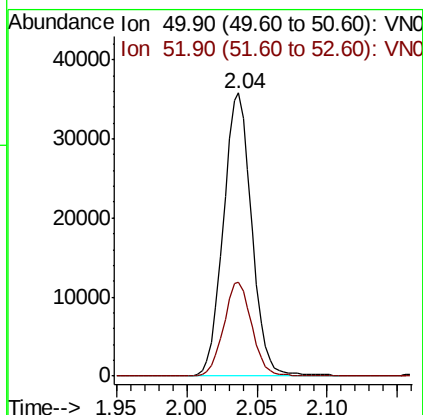
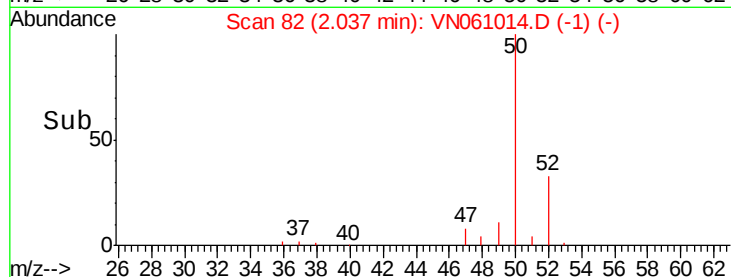
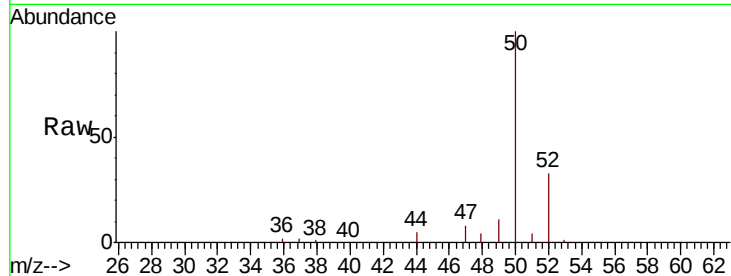
ClientSampled :

Tot Ion: 50 Resp: 50220

Ion Ratio Lower Upper

50 100

52 33.3 25.6 38.4



#4

Vinyl Chloride

Concen: 18.261 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN061014.D

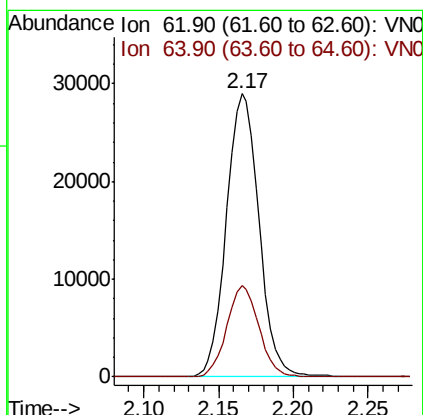
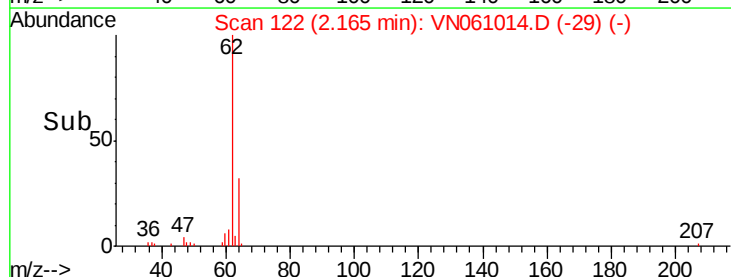
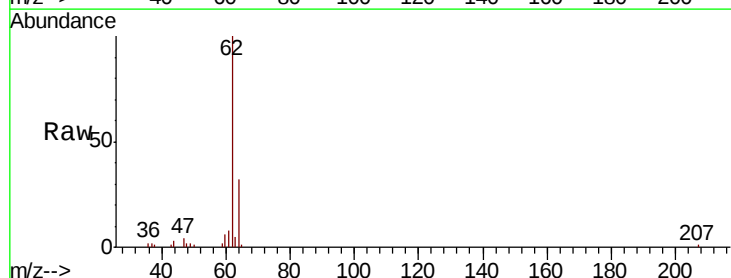
Acq: 16 Apr 2020 16:18

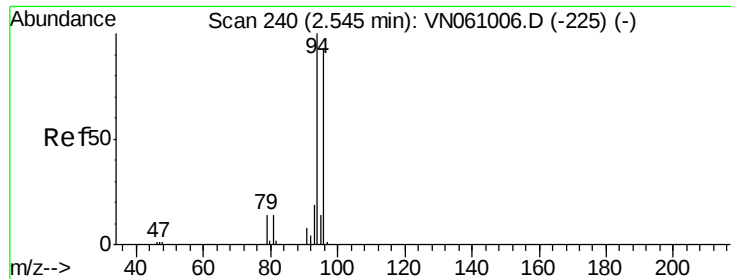
Tgt Ion: 62 Resp: 44021

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.0

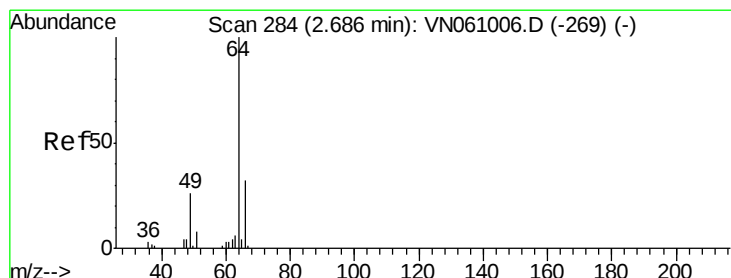
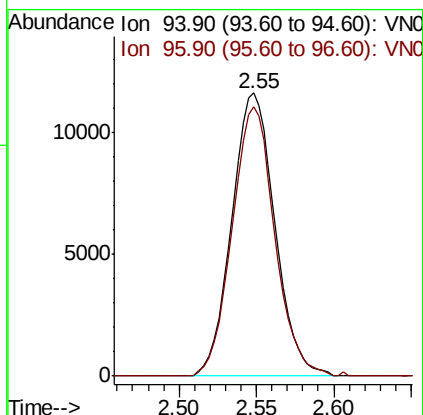
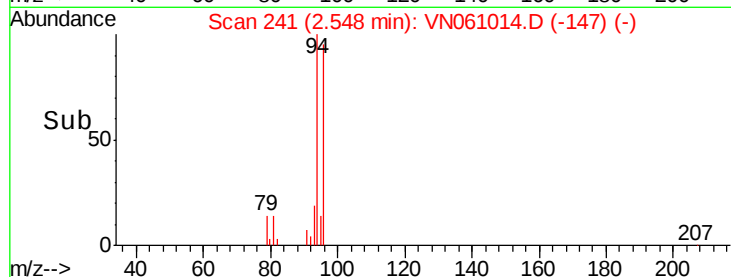
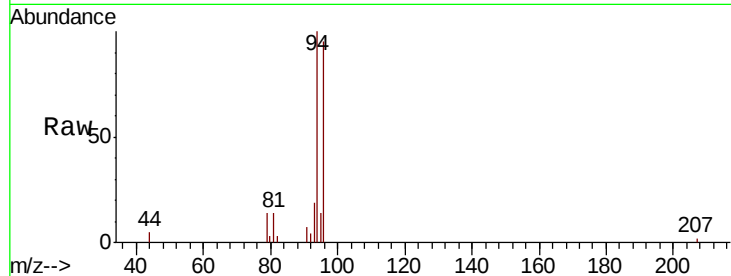




#5
Bromomethane
Concen: 18.617 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

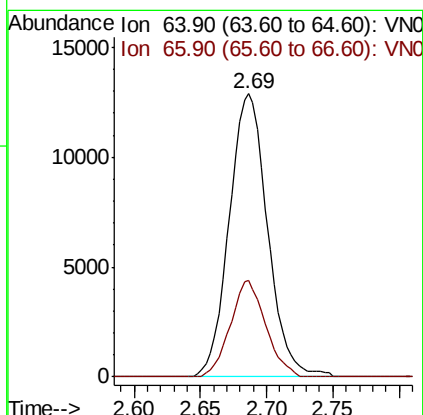
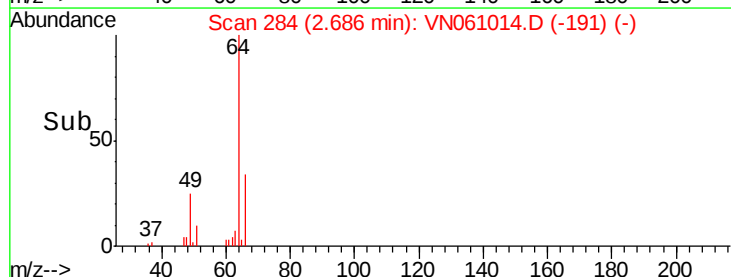
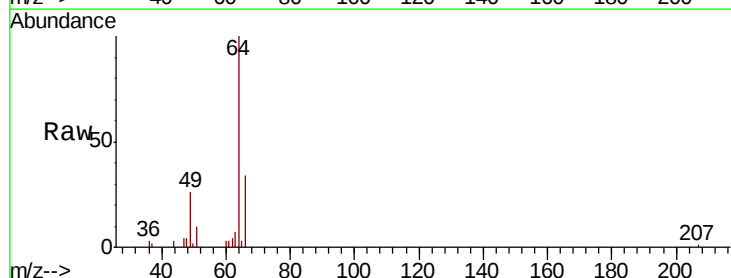
Instrument :
MSVOA_N
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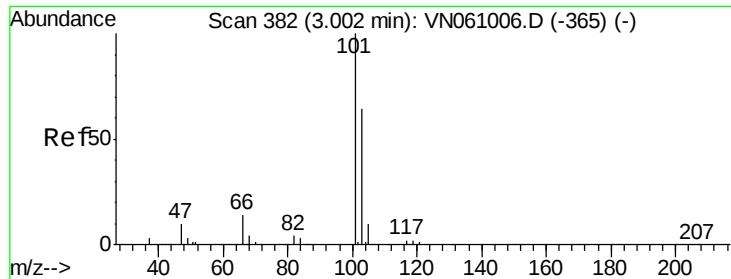
Tot Ion: 94 Resp: 22506
Ion Ratio Lower Upper
94 100
96 95.2 74.3 111.5



#6
Chloroethane
Concen: 18.642 ug/l
RT: 2.69 min Scan# 284
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Tgt Ion: 64 Resp: 25923
Ion Ratio Lower Upper
64 100
66 34.1 25.8 38.8



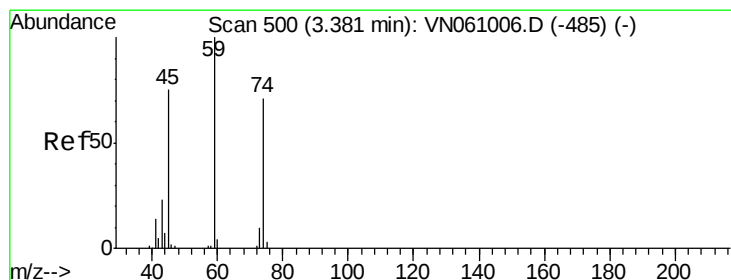
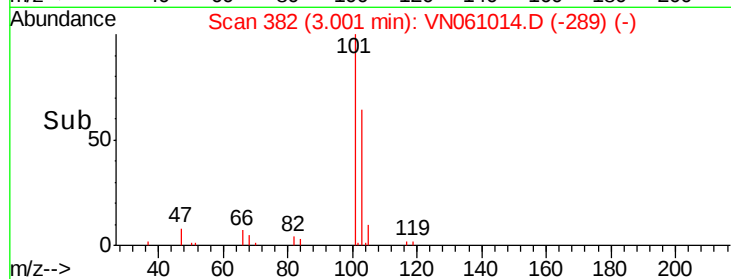
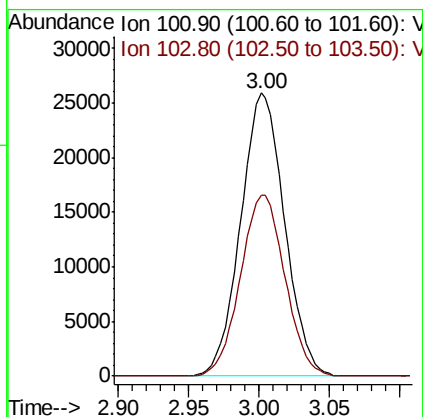
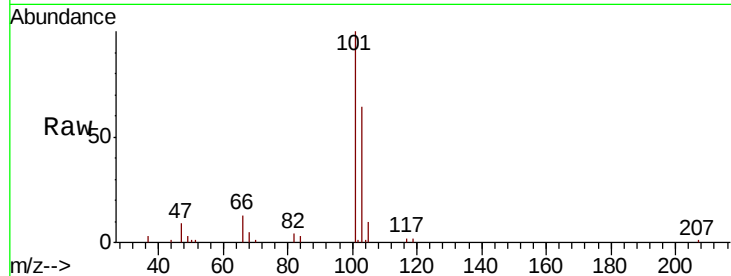


#7

Trichlorofluoromethane
 Concen: 18.781 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN061014.D
 Acq: 16 Apr 2020 16:18

Instrument :
 MSVOA_N
 ClientSampleId :

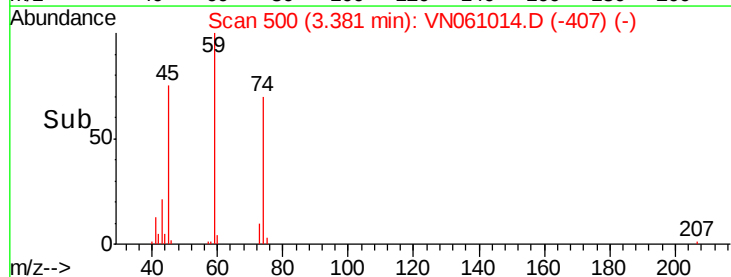
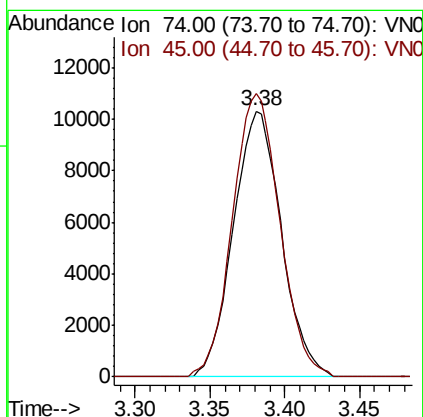
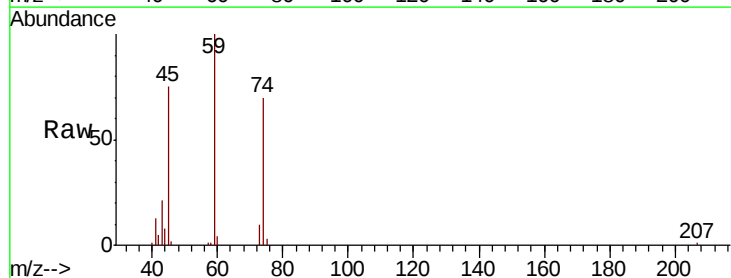
Tot Ion:101 Resp: 56366
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.2

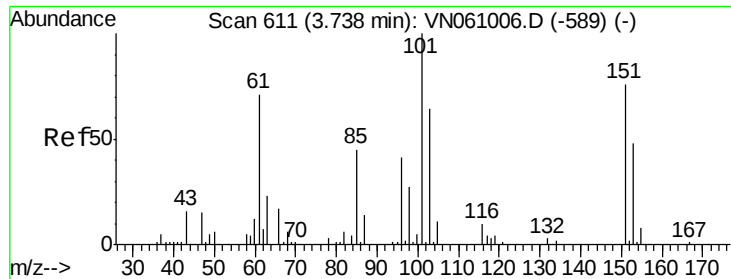


#8

Diethyl Ether
 Concen: 19.287 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN061014.D
 Acq: 16 Apr 2020 16:18

Tgt Ion: 74 Resp: 23006
 Ion Ratio Lower Upper
 74 100
 45 105.3 52.9 158.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.240 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

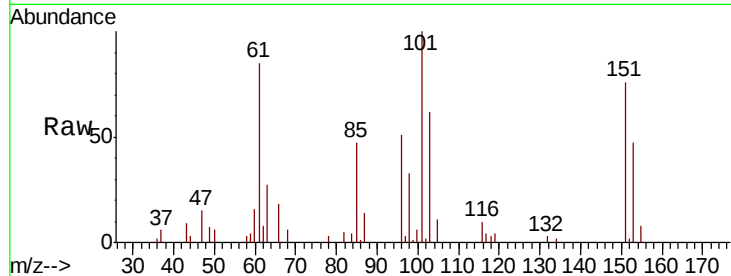
Tot Ion:101 Resp: 32116

Ion Ratio Lower Upper

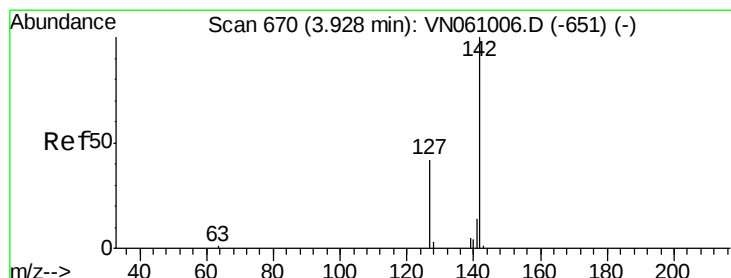
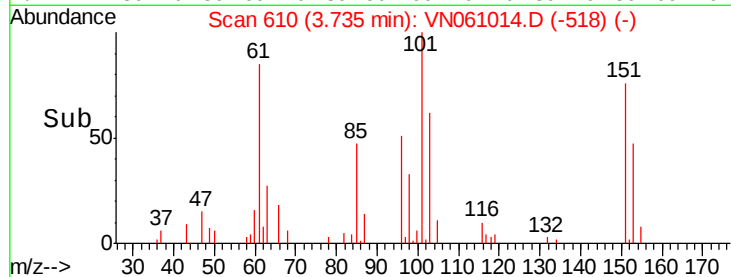
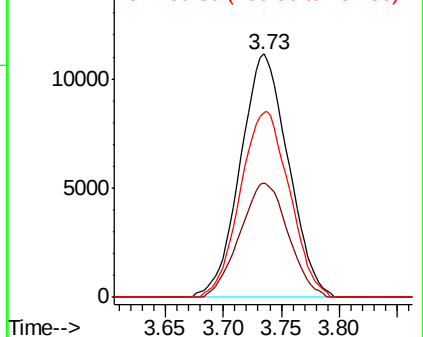
101 100

85 47.2 35.9 53.9

151 78.0 60.8 91.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.154 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

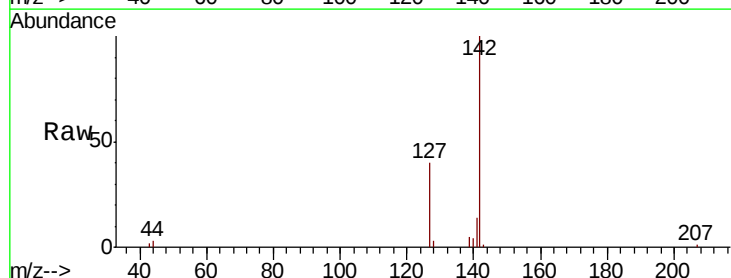
Tgt Ion:142 Resp: 31306

Ion Ratio Lower Upper

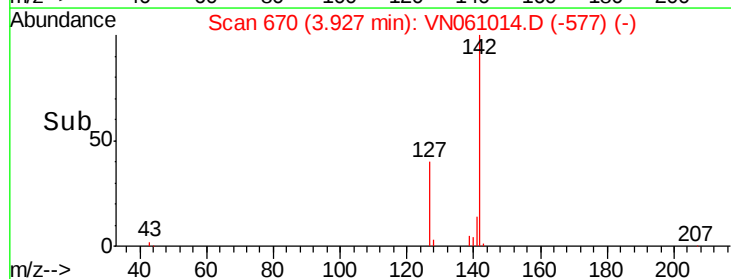
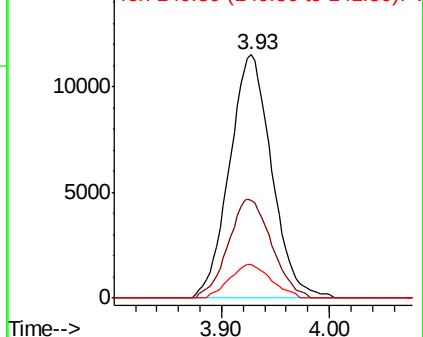
142 100

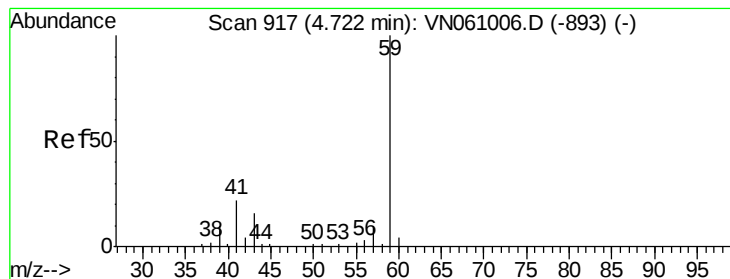
127 41.5 33.4 50.2

141 13.6 11.0 16.6



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



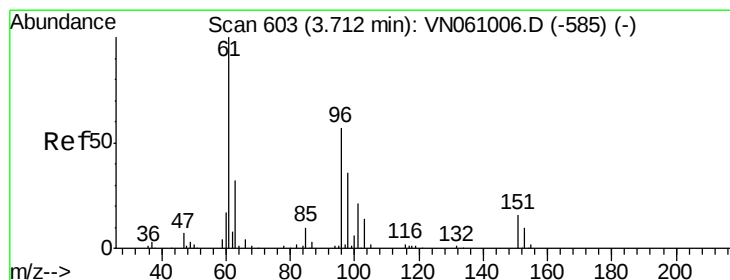
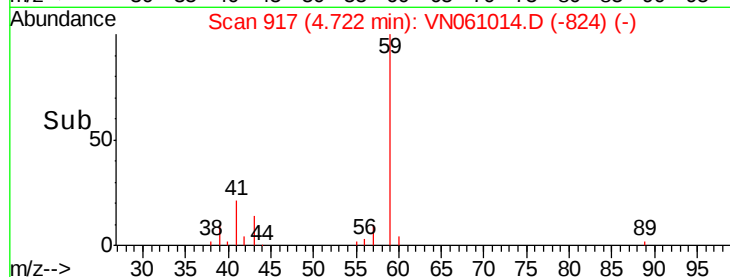
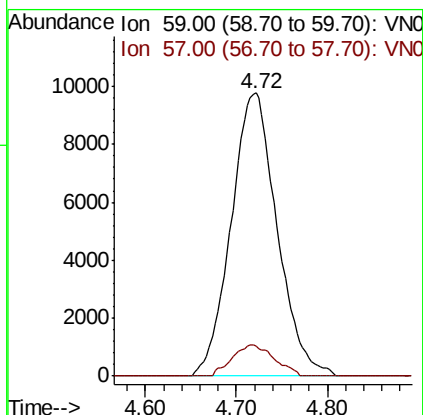
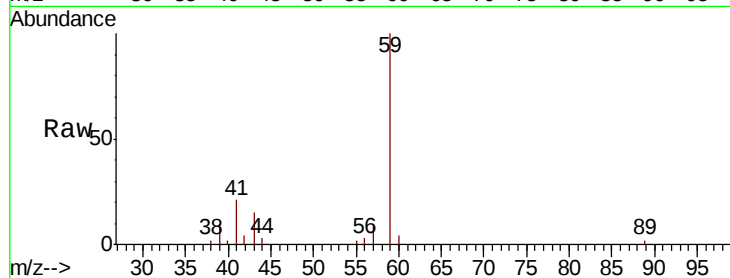


#11

Tert butyl alcohol
 Concen: 92.337 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: VN061014.D
 Acq: 16 Apr 2020 16:18

Instrument :
 MSVOA_N
 ClientSampled :

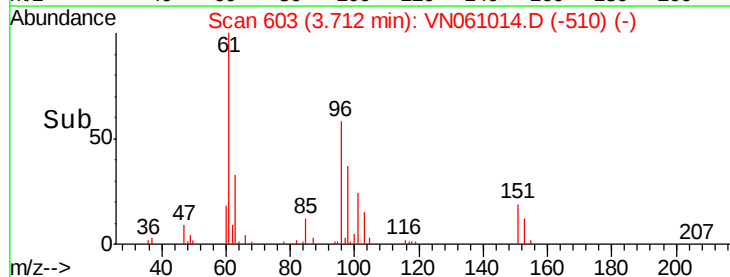
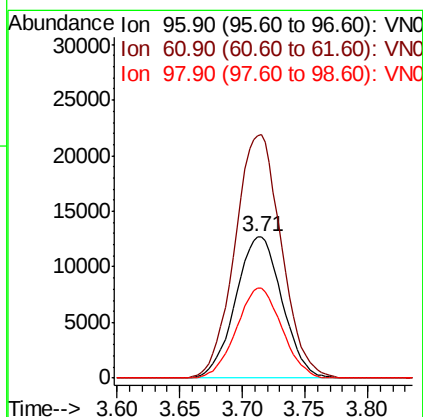
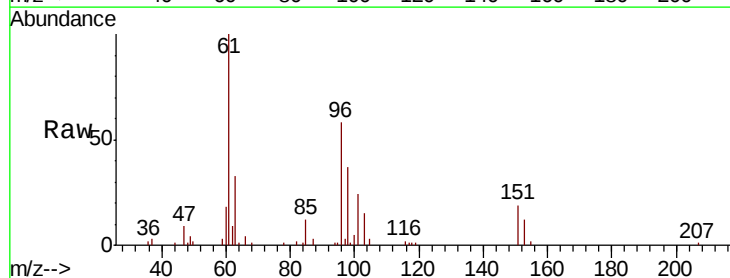
Tot Ion: 59 Resp: 34283
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.1 12.1



#12

1,1-Dichloroethene
 Concen: 18.311 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN061014.D
 Acq: 16 Apr 2020 16:18

Tgt Ion: 96 Resp: 32774
 Ion Ratio Lower Upper
 96 100
 61 171.6 139.2 208.8
 98 63.7 50.0 75.0





#13

Acrolein

Concen: 78.905 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

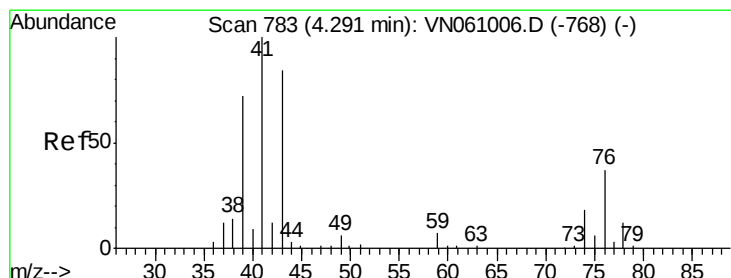
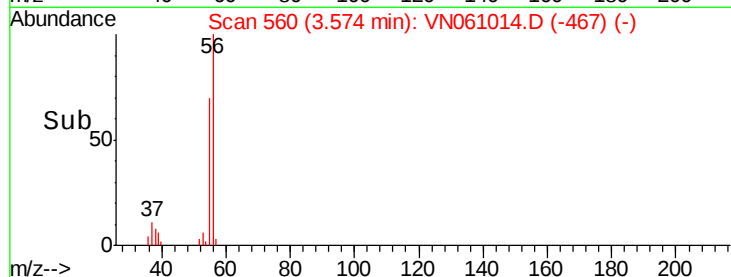
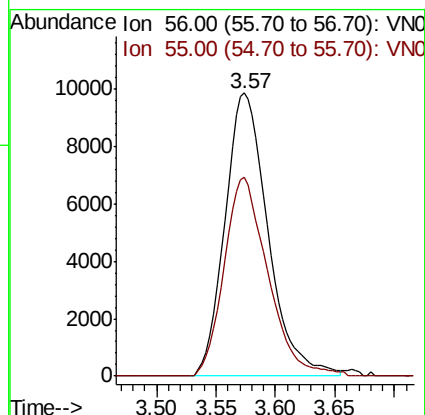
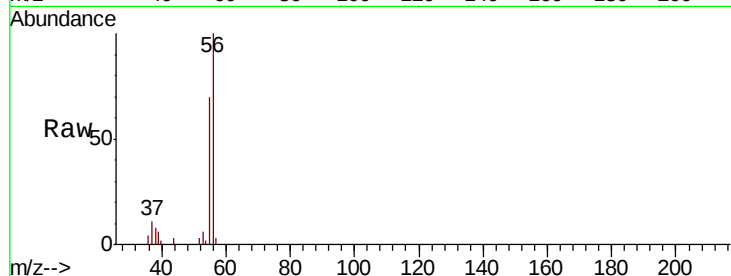
ClientSampled :

Tot Ion: 56 Resp: 24736

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.6



#14

Allyl chloride

Concen: 17.719 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

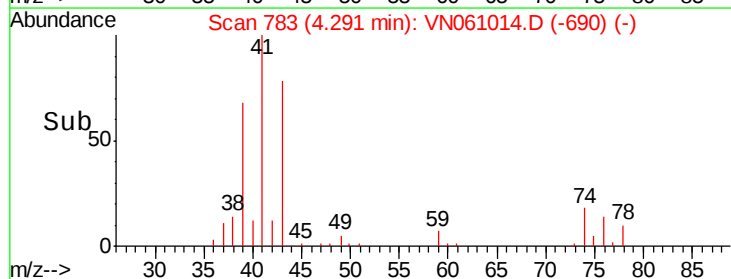
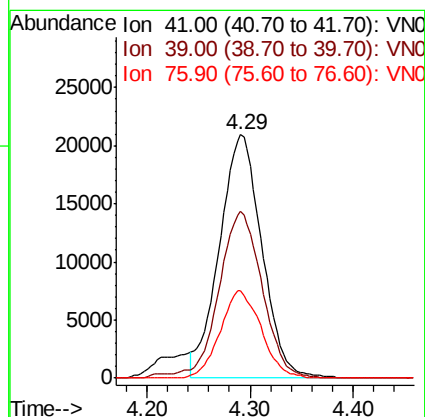
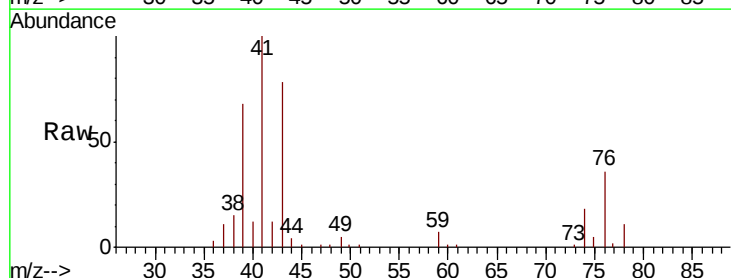
Tgt Ion: 41 Resp: 60004

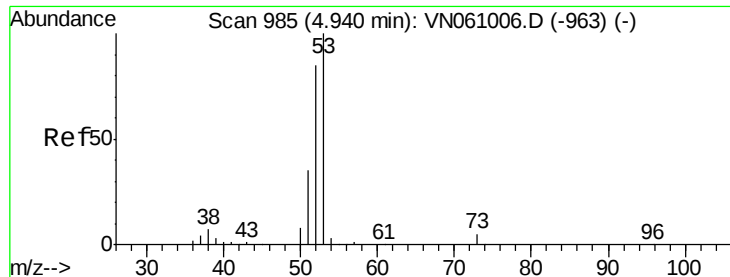
Ion Ratio Lower Upper

41 100

39 69.3 56.3 84.5

76 34.5 27.7 41.5





#15

Acrylonitrile

Concen: 94.019 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

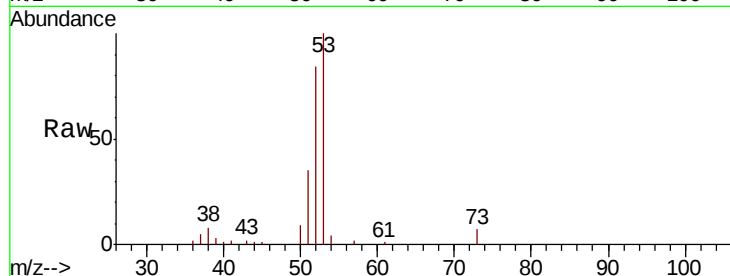
Tot Ion: 53 Resp: 94647

Ion Ratio Lower Upper

53 100

52 83.7 66.8 100.2

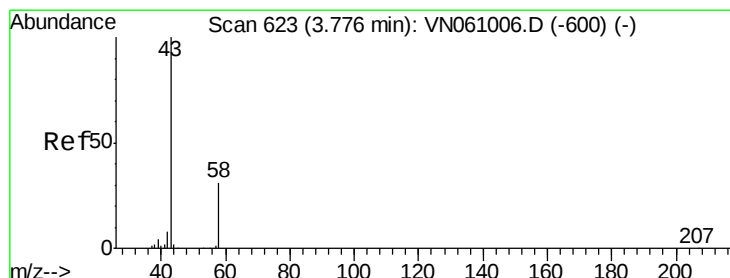
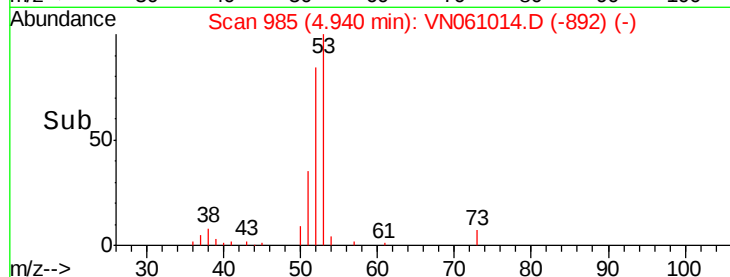
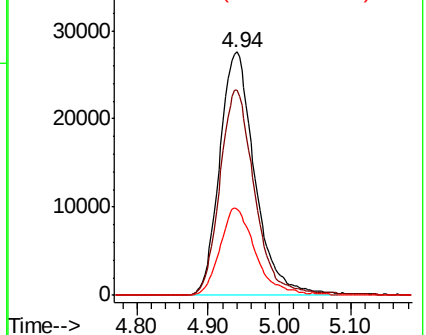
51 36.0 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN061014.D (-892) (-)

Ion 52.00 (51.70 to 52.70): VN061014.D (-892) (-)

Ion 51.00 (50.70 to 51.70): VN061014.D (-892) (-)



#16

Acetone

Concen: 90.037 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN061014.D

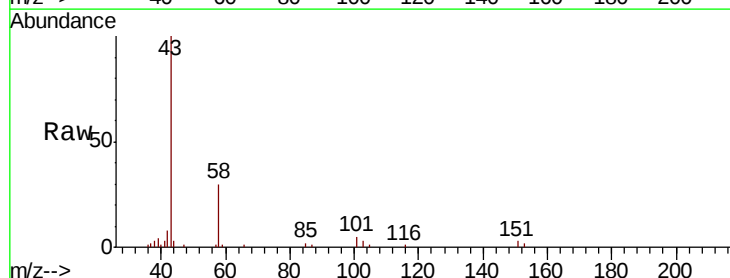
Acq: 16 Apr 2020 16:18

Tgt Ion: 43 Resp: 82929

Ion Ratio Lower Upper

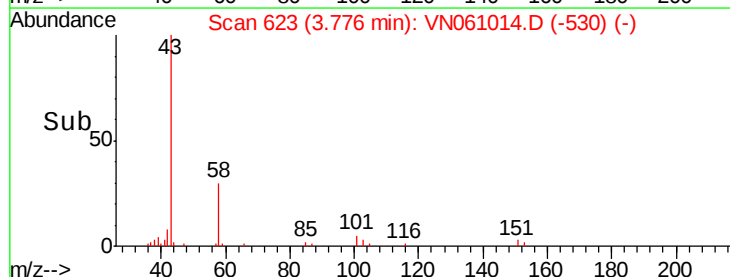
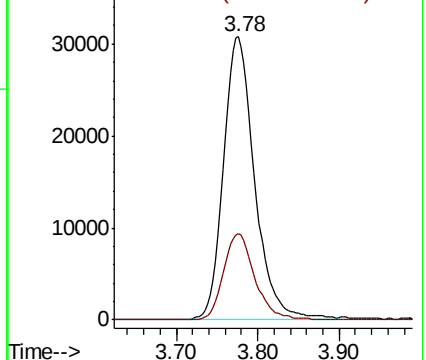
43 100

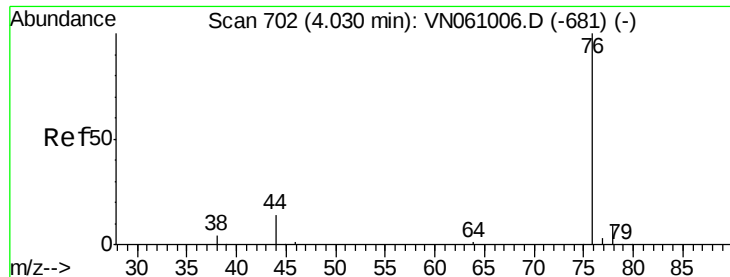
58 30.4 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061014.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN061014.D (-530) (-)





#17

Carbon Disulfide

Concen: 18.160 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

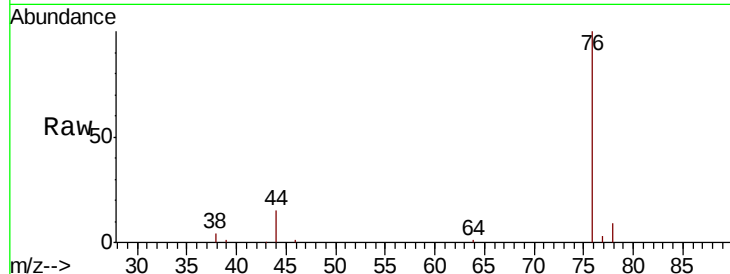
ClientSampleId :

Tot Ion: 76 Resp: 101710

Ion Ratio Lower Upper

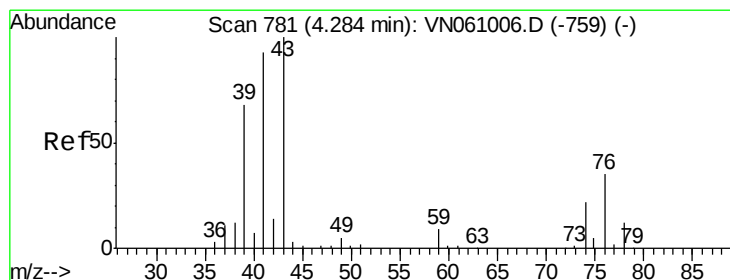
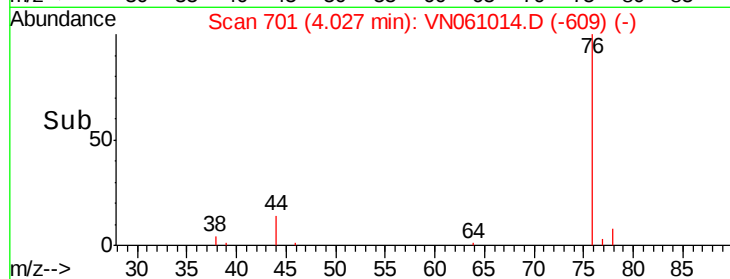
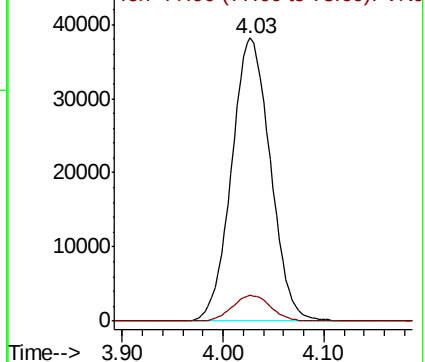
76 100

78 9.0 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: 18.751 ug/l

RT: 4.28 min Scan# 780

Delta R.T. -0.00 min

Lab File: VN061014.D

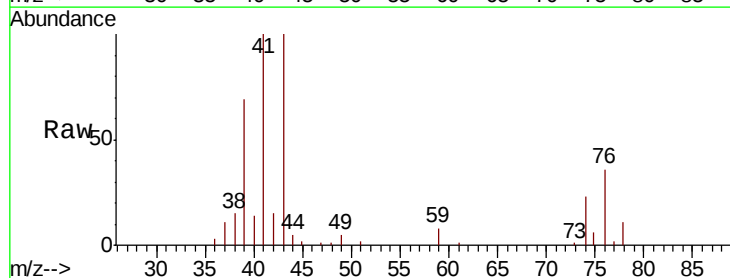
Acq: 16 Apr 2020 16:18

Tgt Ion: 43 Resp: 54156

Ion Ratio Lower Upper

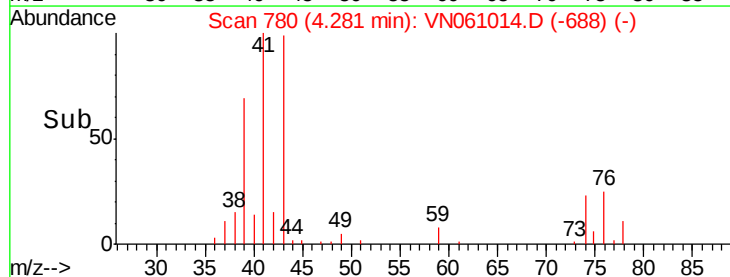
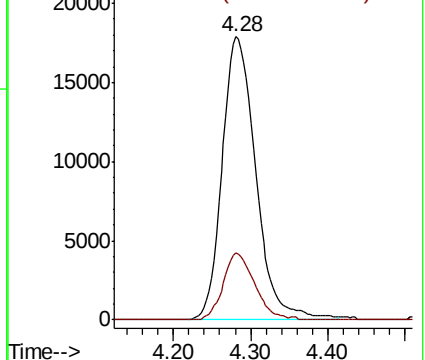
43 100

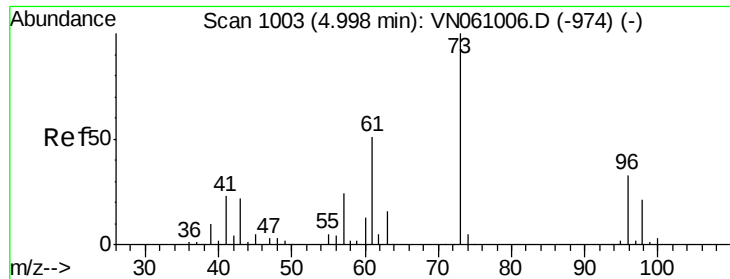
74 22.0 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

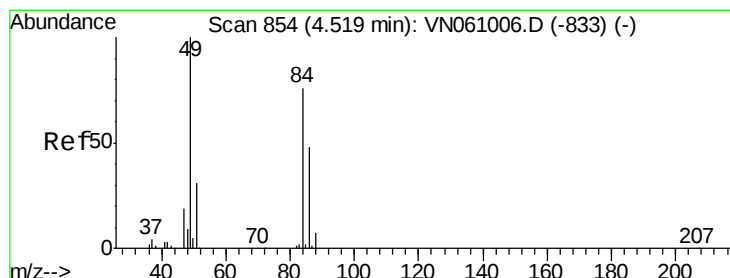
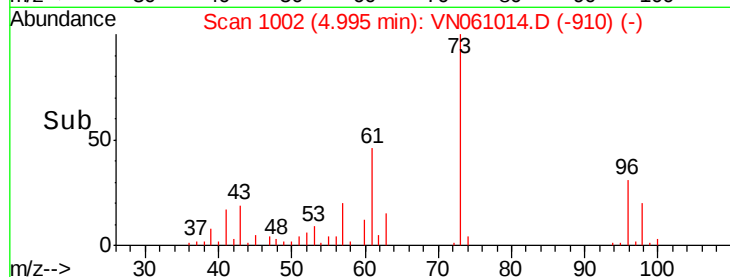
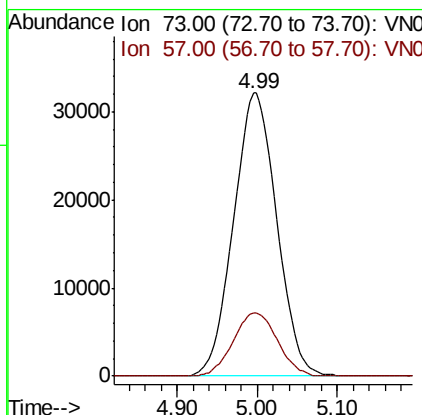
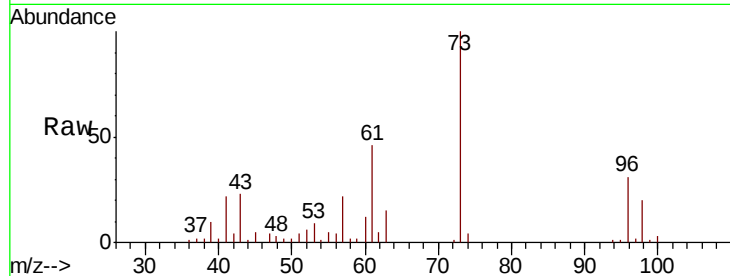




#19
Methvl tert-butvl Ether
Concen: 18.887 ug/l
RT: 4.99 min Scan# 1002
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

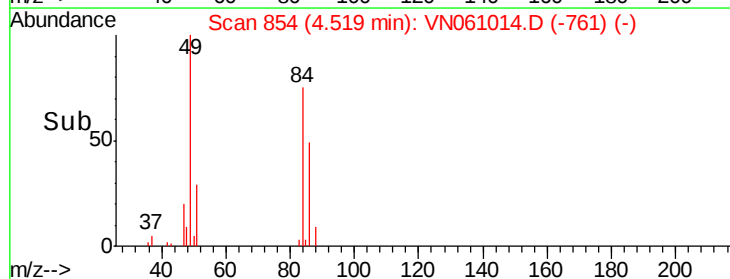
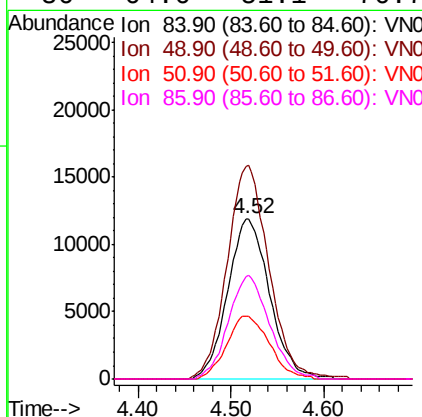
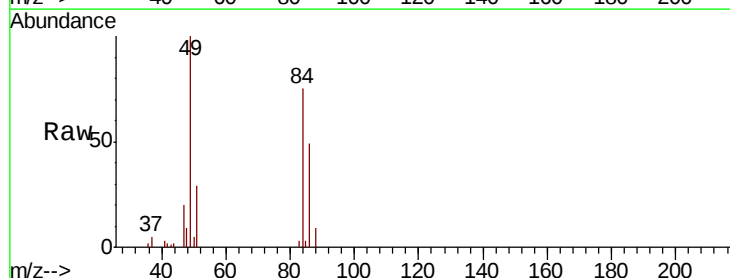
Instrument :
MSVOA_N
ClientSampleId :

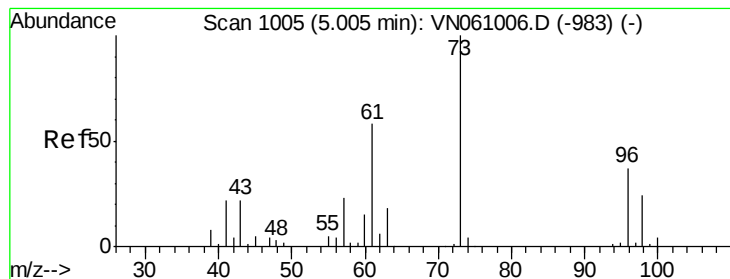
Tot Ion: 73 Resp: 117872
Ion Ratio Lower Upper
73 100
57 22.2 19.0 28.4



#20
Methylene Chloride
Concen: 18.587 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Tgt Ion: 84 Resp: 37379
Ion Ratio Lower Upper
84 100
49 133.0 105.8 158.6
51 38.9 32.4 48.6
86 64.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.458 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :
MSVOA_N
ClientSampled :

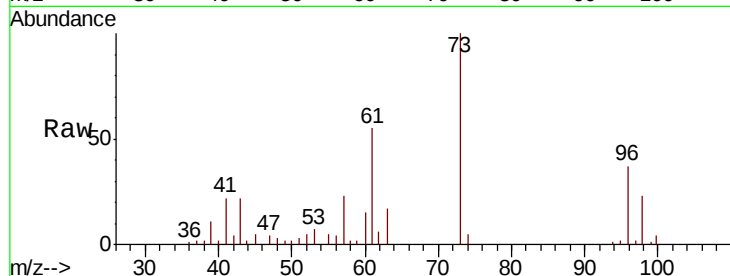
Tot Ion: 96 Resp: 35334

Ion Ratio Lower Upper

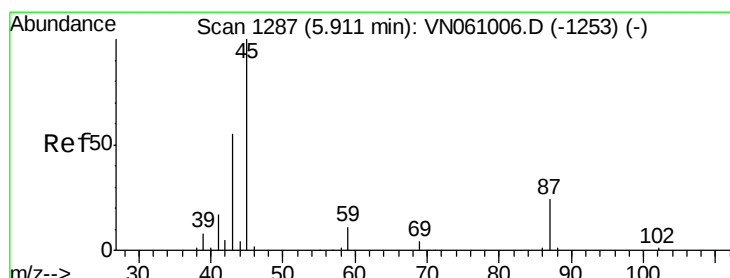
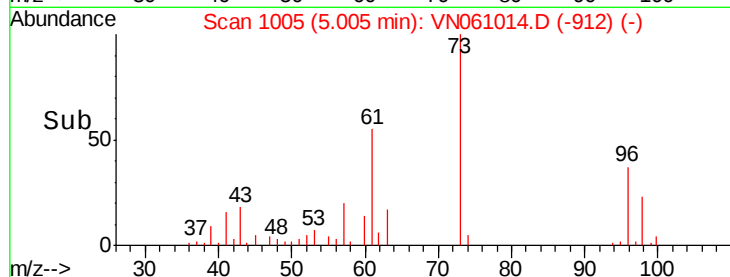
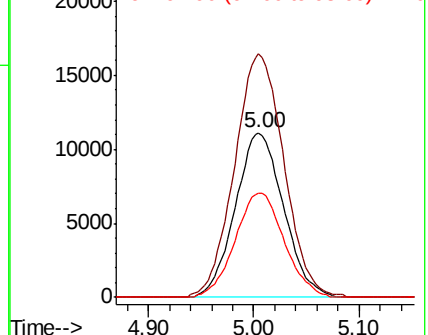
96 100

61 146.5 124.8 187.2

98 63.1 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: 18.492 ug/l

RT: 5.91 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Tgt Ion: 45 Resp: 130061

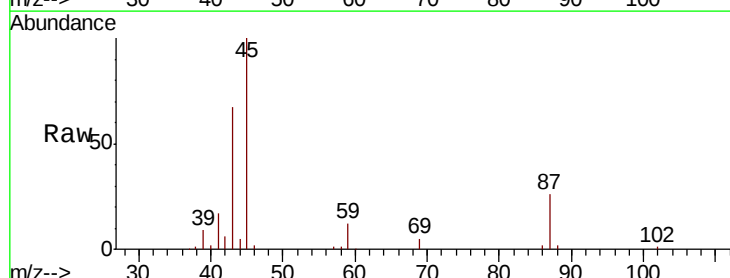
Ion Ratio Lower Upper

45 100

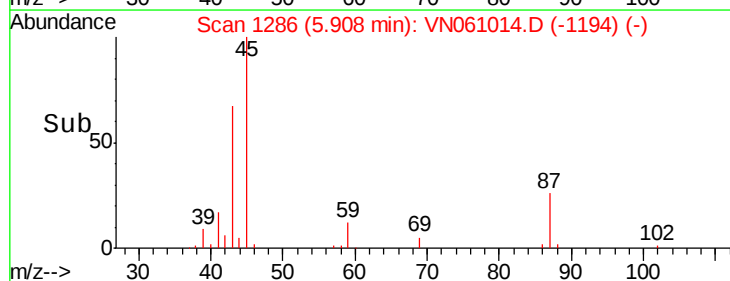
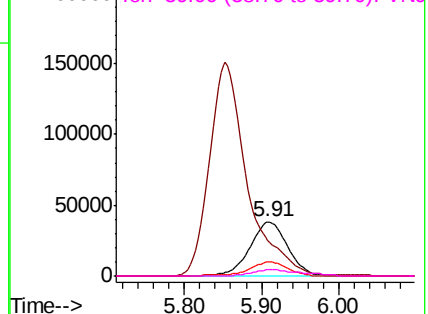
43 64.5 48.6 72.8

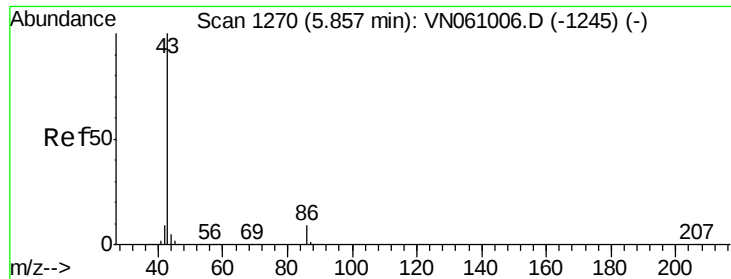
87 25.7 19.4 29.2

59 11.6 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

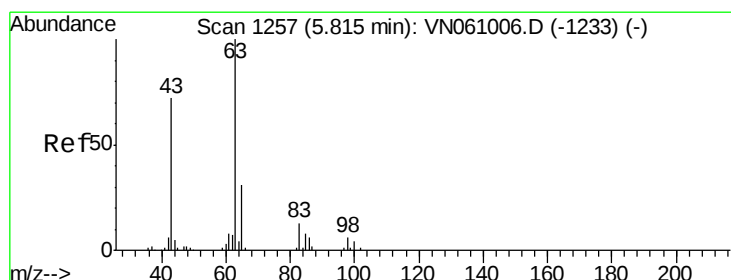
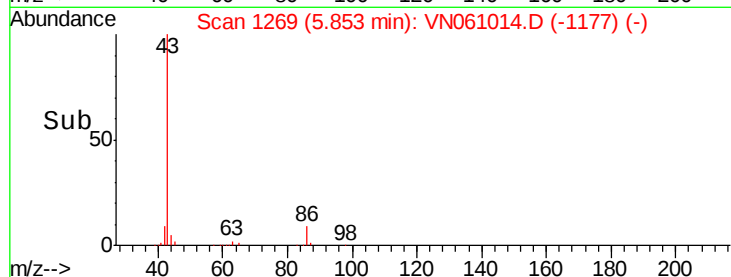
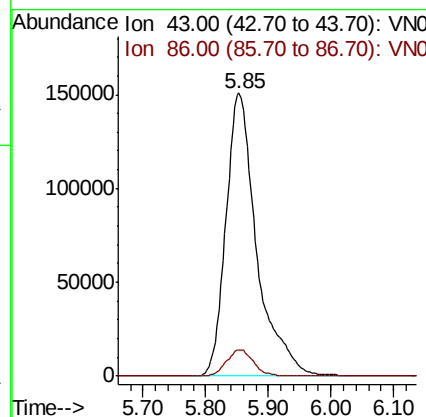
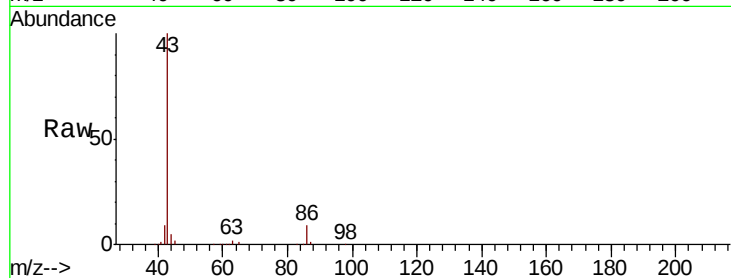




#23
 Vinyl Acetate
 Concen: 93.256 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VN061014.D
 Acq: 16 Apr 2020 16:18

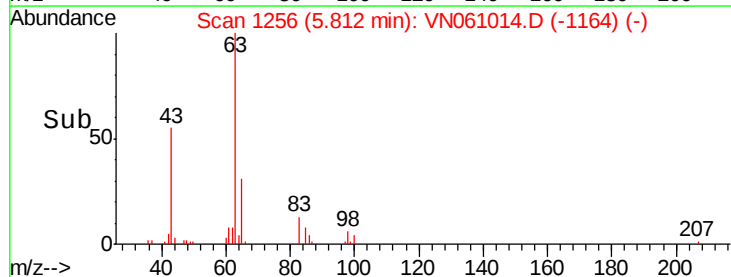
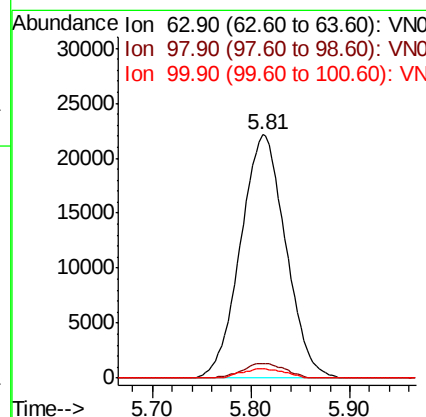
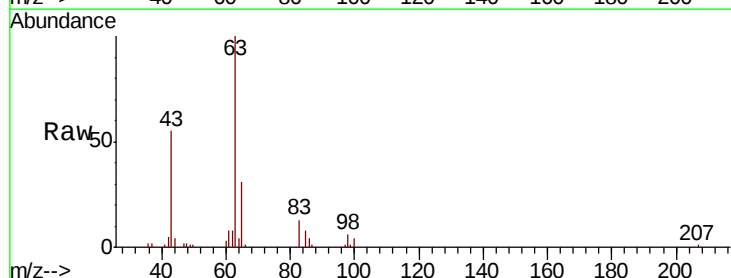
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 43 Resp: 514342
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 18.464 ug/l
 RT: 5.81 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VN061014.D
 Acq: 16 Apr 2020 16:18

Tgt Ion: 63 Resp: 70139
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.8
 100 4.0 2.0 5.8

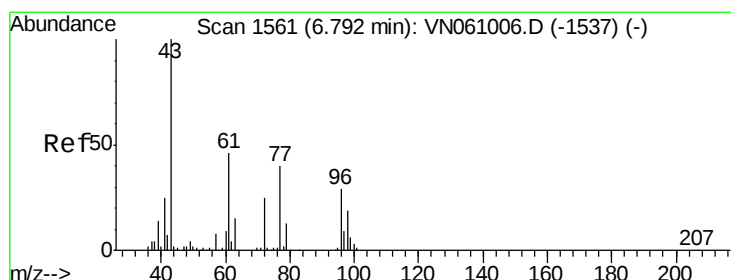
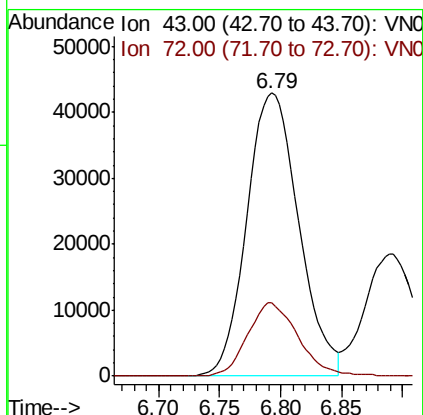
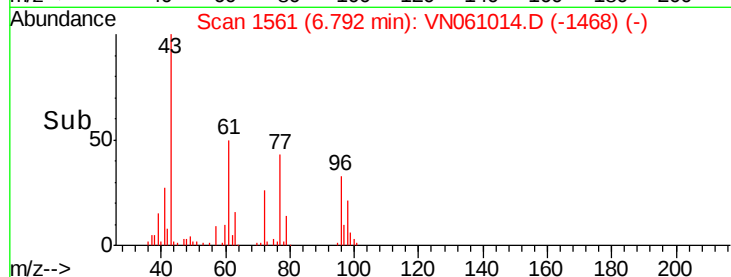
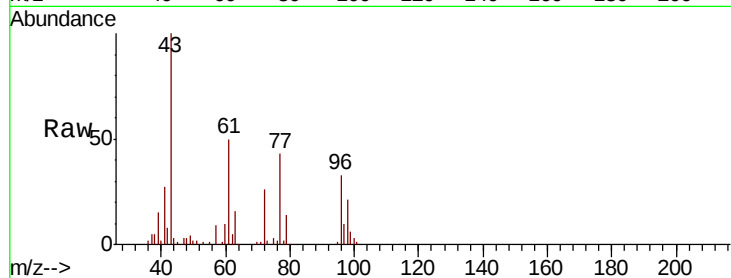




#25
2-Butanone
Concen: 90.047 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

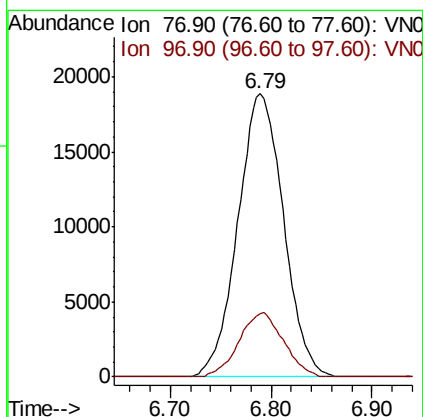
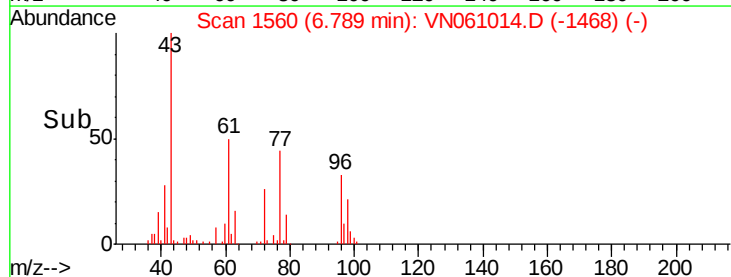
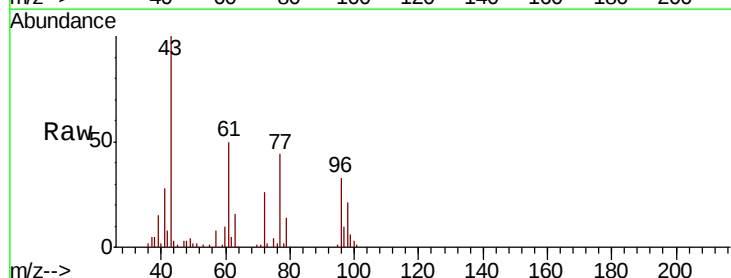
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 127092
Ion Ratio Lower Upper
43 100
72 25.8 19.6 29.4



#26
2,2-Dichloropropane
Concen: 18.736 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Tgt Ion: 77 Resp: 59259
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 18.601 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

ClientSampled :

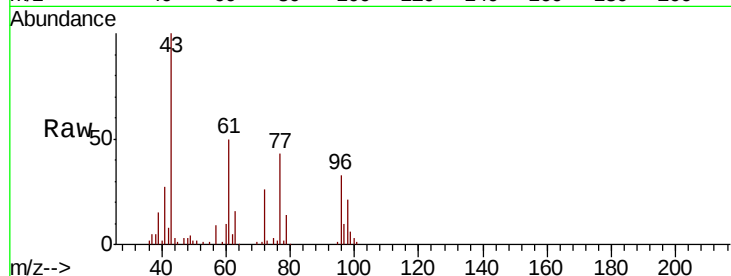
Tot Ion: 96 Resp: 40880

Ion Ratio Lower Upper

96 100

61 157.5 0.0 317.4

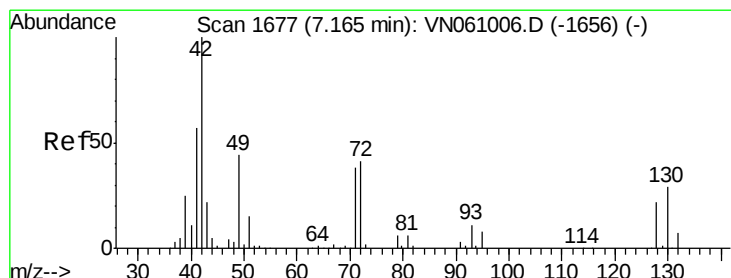
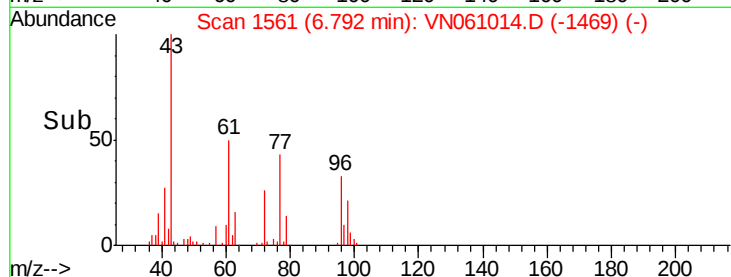
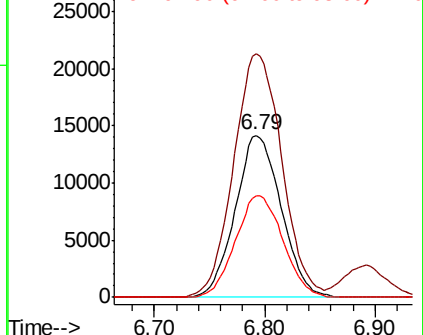
98 64.6 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN061014.D (-1541) (-)

Ion 60.90 (60.60 to 61.60): VN061014.D (-1541) (-)

Ion 97.90 (97.60 to 98.60): VN061014.D (-1541) (-)



#28

Bromochloromethane

Concen: 19.709 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

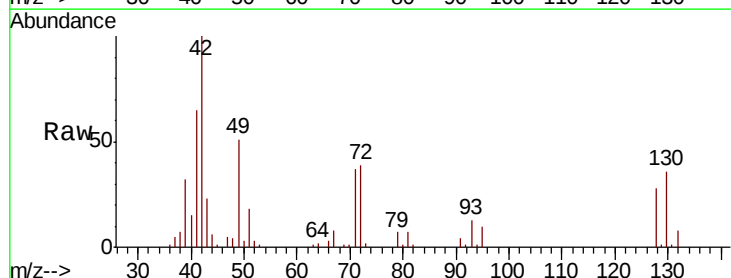
Tgt Ion: 49 Resp: 34367

Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.0

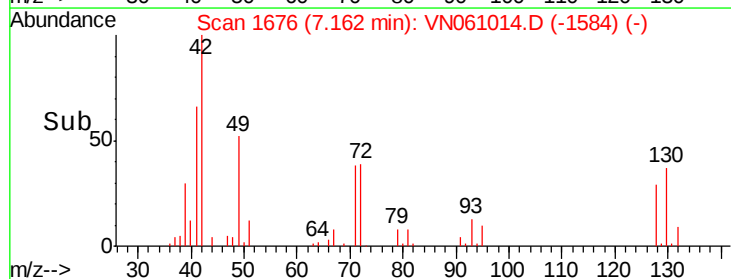
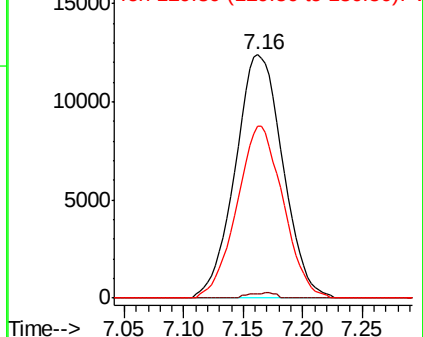
130 68.6 52.9 79.3

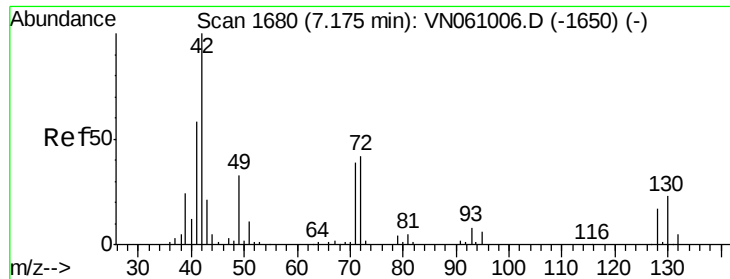


Abundance Ion 48.90 (48.60 to 49.60): VN061014.D (-1584) (-)

Ion 128.80 (128.50 to 129.50): VN061014.D (-1584) (-)

Ion 129.80 (129.50 to 130.50): VN061014.D (-1584) (-)





#29

Tetrahydrofuran

Concen: 89.945 ug/l

RT: 7.17 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

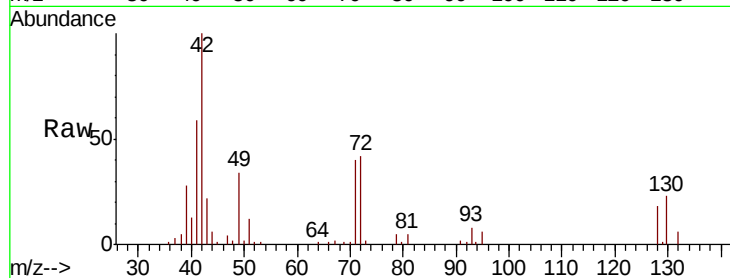
Tot Ion: 42 Resp: 86184

Ion Ratio Lower Upper

42 100

72 41.4 32.1 48.1

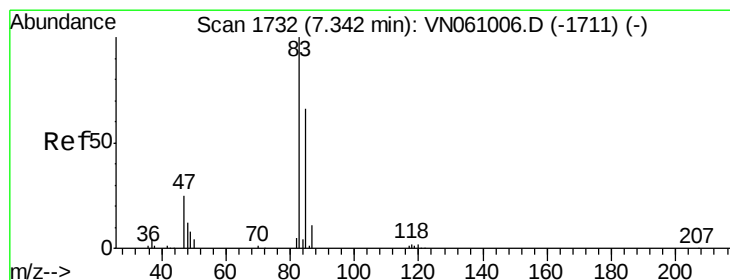
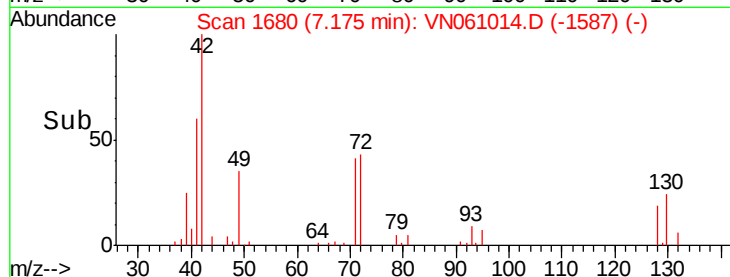
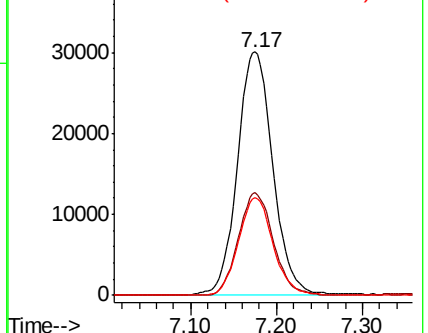
71 39.1 30.5 45.7



Abundance Ion 42.00 (41.70 to 42.70): VN061006.D (-1650) (-)

Ion 72.00 (71.70 to 72.70): VN061006.D (-1650) (-)

Ion 71.00 (70.70 to 71.70): VN061006.D (-1650) (-)



#30

Chloroform

Concen: 18.638 ug/l

RT: 7.34 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VN061014.D

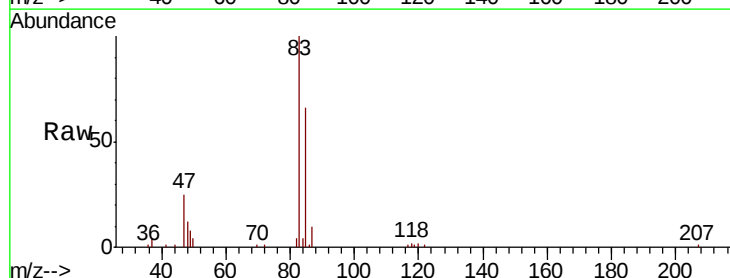
Acq: 16 Apr 2020 16:18

Tgt Ion: 83 Resp: 66038

Ion Ratio Lower Upper

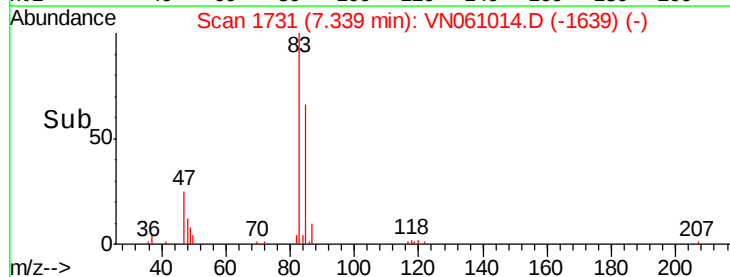
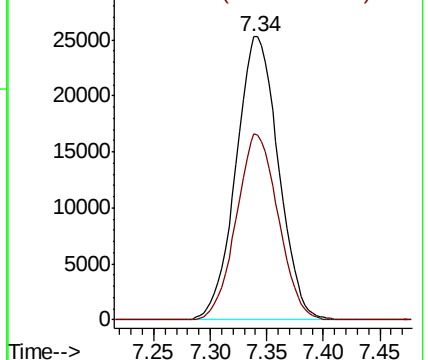
83 100

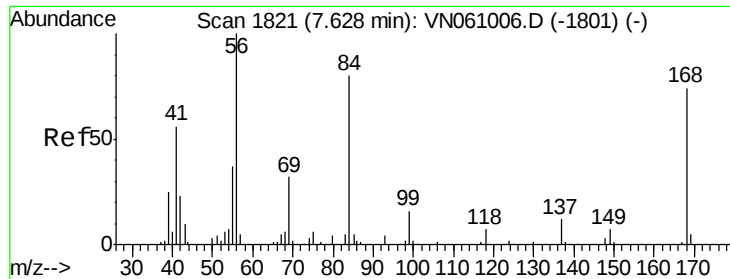
85 65.7 52.8 79.2



Abundance Ion 82.90 (82.60 to 83.60): VN061006.D (-1711) (-)

Ion 84.90 (84.60 to 85.60): VN061006.D (-1711) (-)

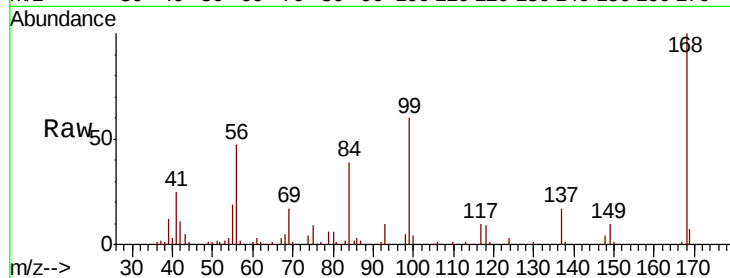




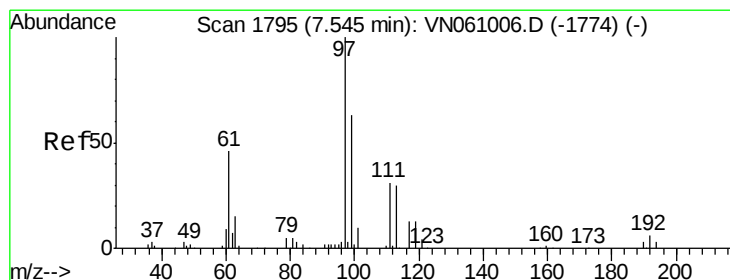
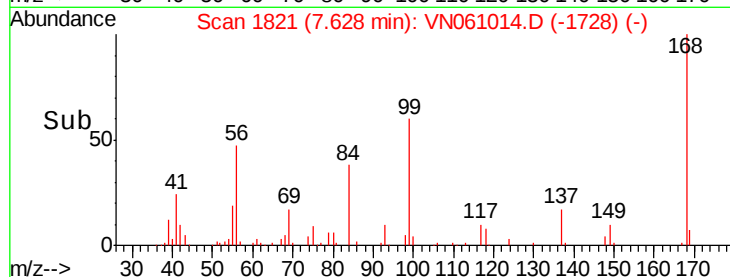
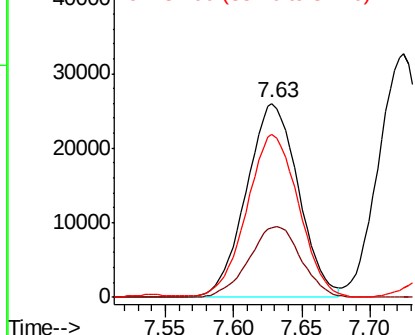
#31
Cyclohexane
Concen: 17.675 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 68898
Ion Ratio Lower Upper
56 100
69 36.1 25.6 38.4
84 82.9 63.4 95.2

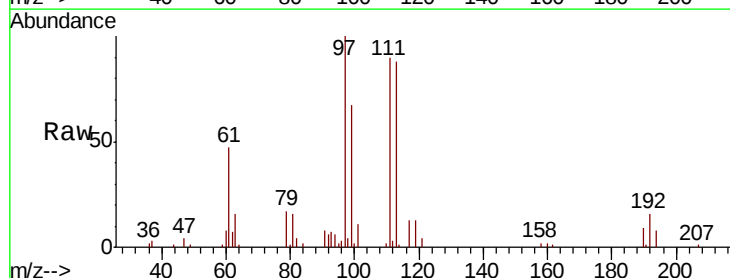


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

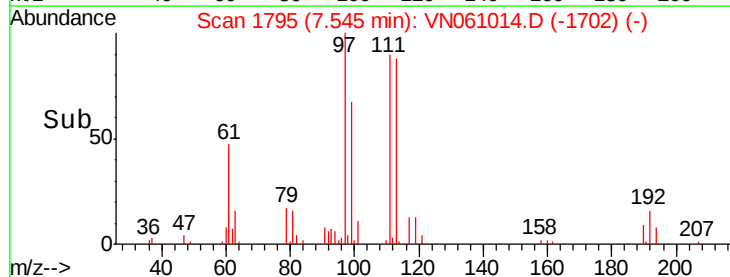
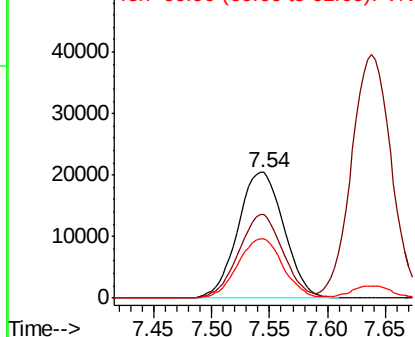


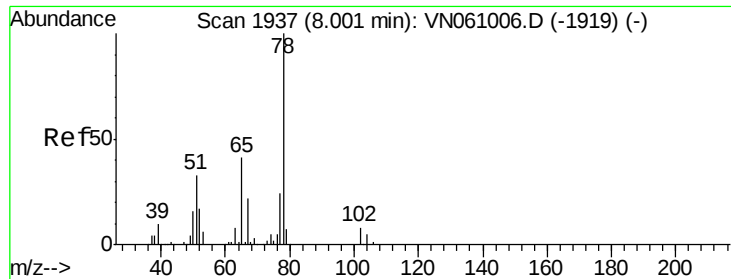
#32
1,1,1-Trichloroethane
Concen: 18.530 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Tgt Ion: 97 Resp: 56790
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 46.1 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: 46.933 ug/l

RT: 8.00 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

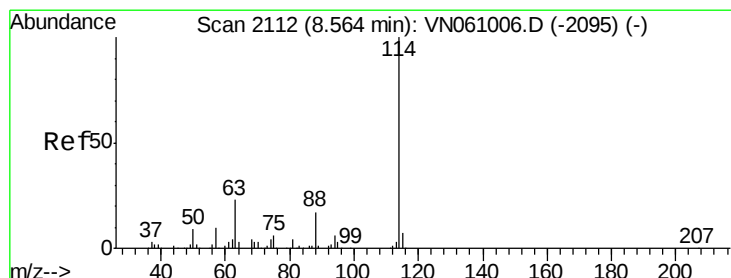
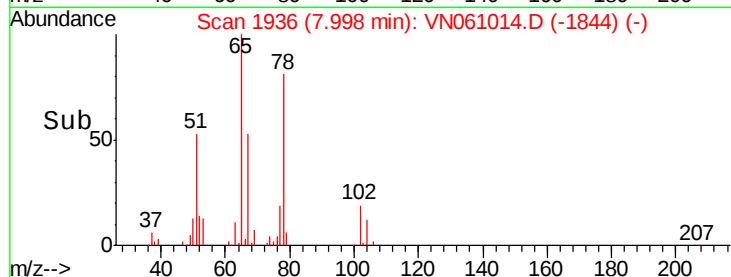
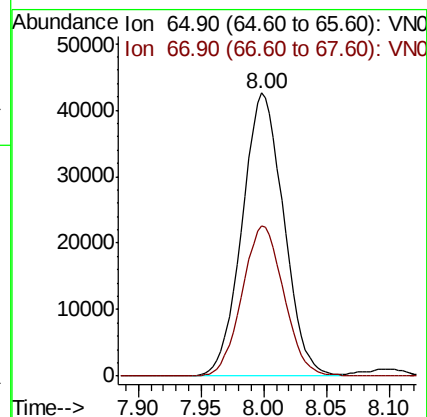
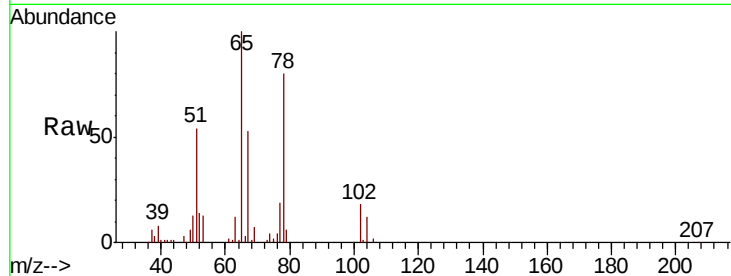
ClientSampleId :

Tot Ion: 65 Resp: 98212

Ion Ratio Lower Upper

65 100

67 53.2 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: VN061014.D

Acq: 16 Apr 2020 16:18

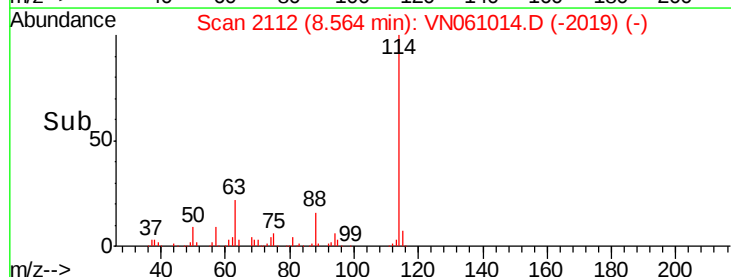
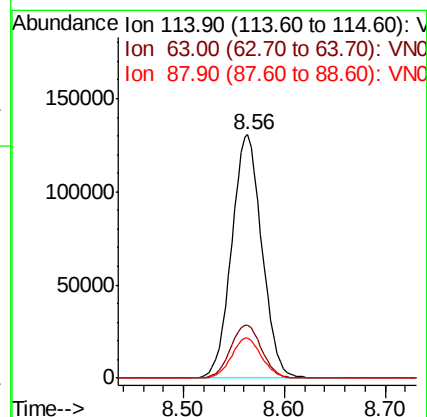
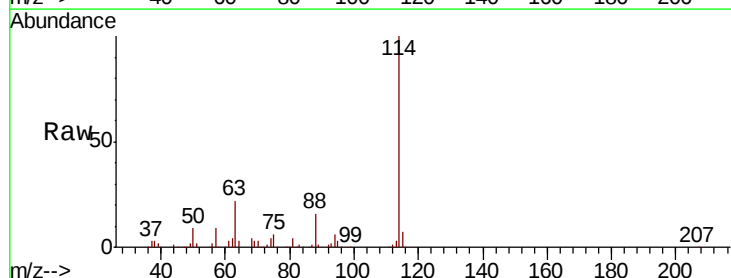
Tgt Ion: 114 Resp: 272129

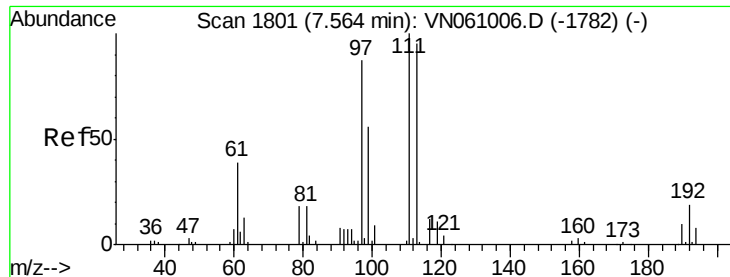
Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.2

88 16.4 0.0 33.4

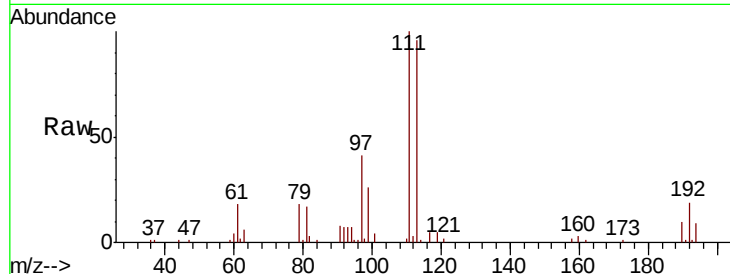




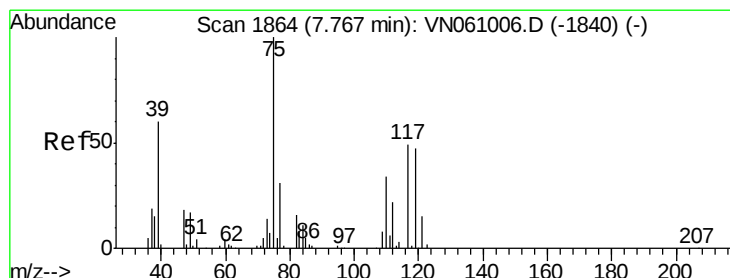
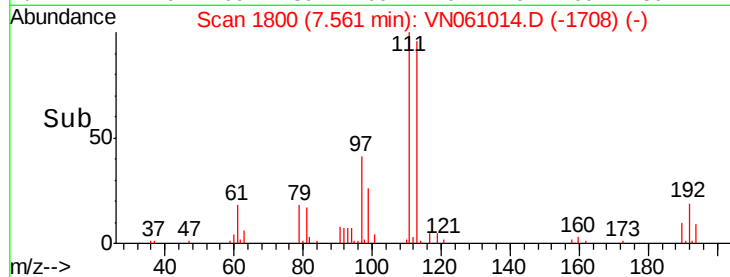
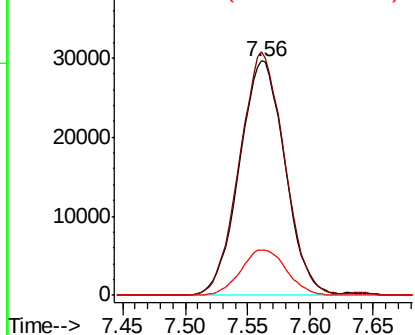
#35
 Dibromofluoromethane
 Concen: 47.068 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN061014.D
 Acq: 16 Apr 2020 16:18

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 74801
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.4 125.2
 192 19.5 15.5 23.3

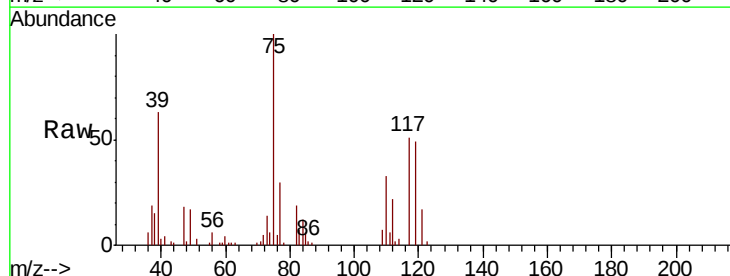


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

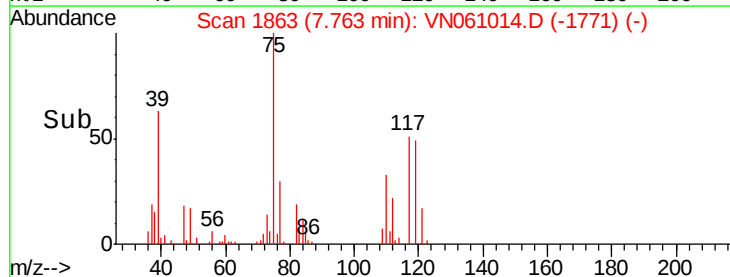
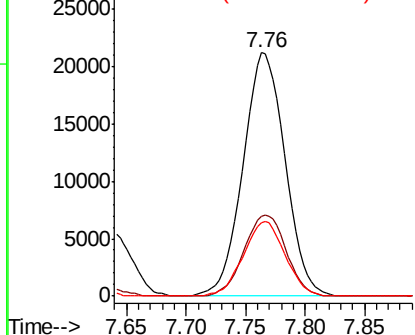


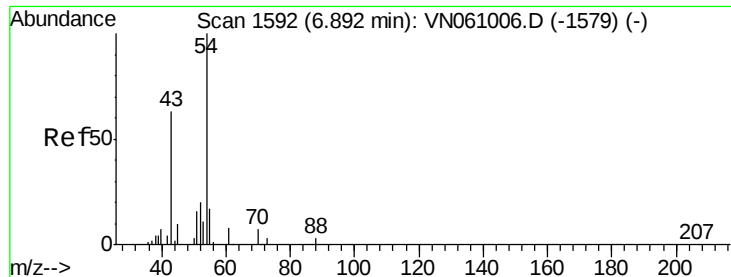
#36
 1,1-Dichloropropene
 Concen: 18.506 ug/l
 RT: 7.76 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VN061014.D
 Acq: 16 Apr 2020 16:18

Tgt Ion: 75 Resp: 51968
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.8 50.3
 77 30.4 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

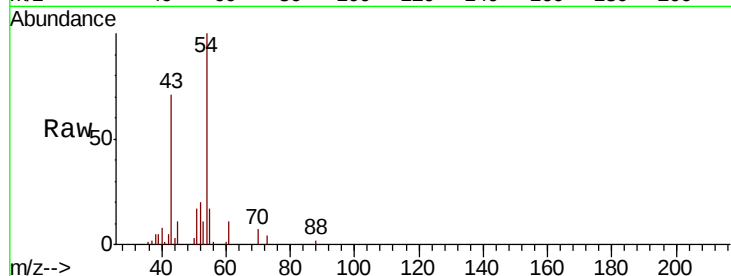




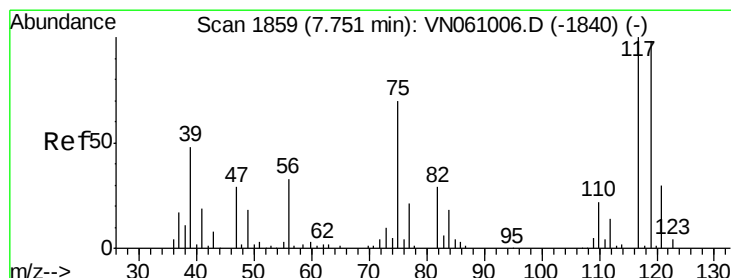
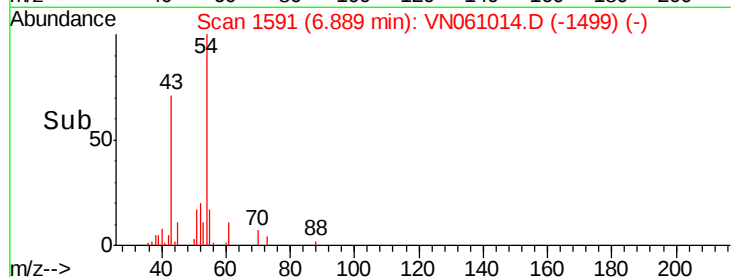
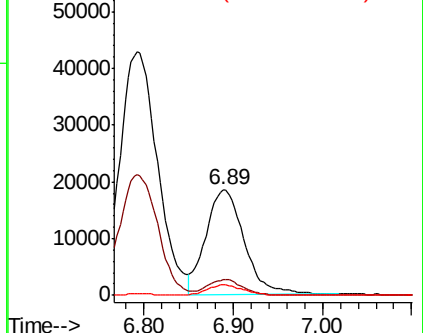
#37
Ethyl Acetate
Concen: 18.171 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 55406
Ion Ratio Lower Upper
43 100
61 13.7 10.9 16.3
70 9.2 7.7 11.5

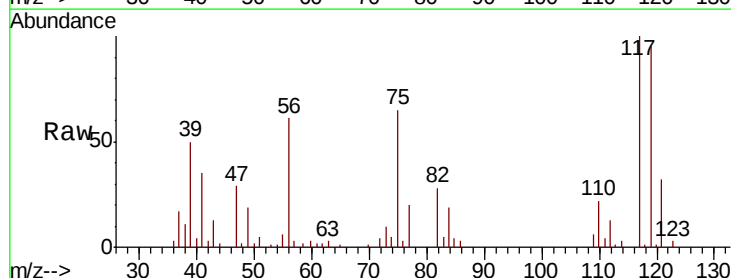


Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1579) (-)
Ion 60.90 (60.60 to 61.60): VN061006.D (-1579) (-)
Ion 70.00 (69.70 to 70.70): VN061006.D (-1579) (-)

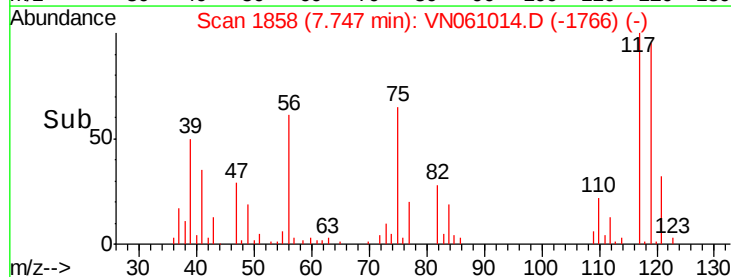
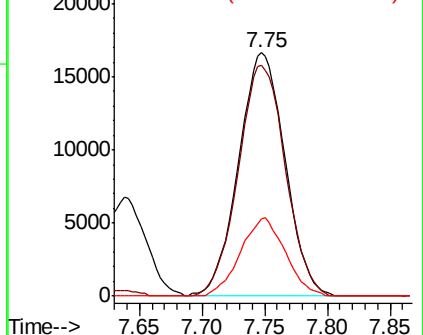


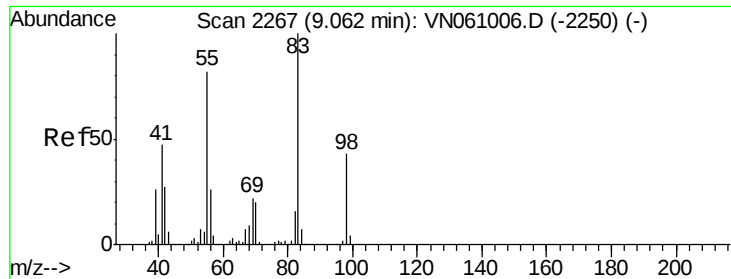
#38
Carbon Tetrachloride
Concen: 18.373 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Tgt Ion: 117 Resp: 42945
Ion Ratio Lower Upper
117 100
119 94.7 78.1 117.1
121 31.9 24.0 36.0



Abundance Ion 116.80 (116.50 to 117.50): VN061006.D (-1840) (-)
Ion 118.80 (118.50 to 119.50): VN061006.D (-1840) (-)
Ion 120.80 (120.50 to 121.50): VN061006.D (-1840) (-)

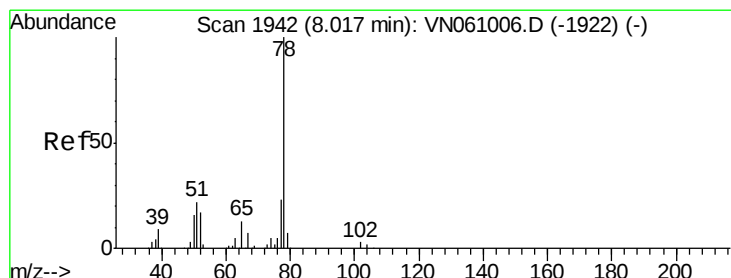
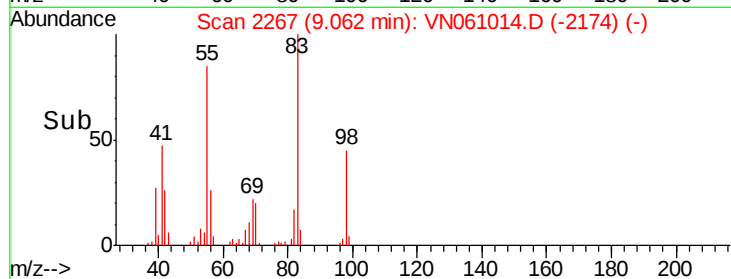
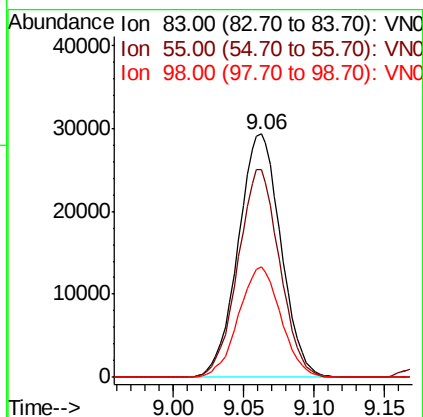
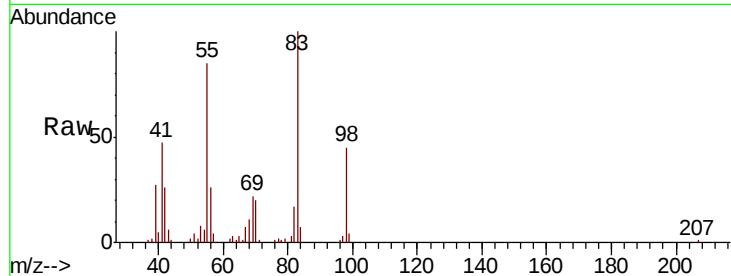




#39
Methvlcvclohexane
Concen: 18.469 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

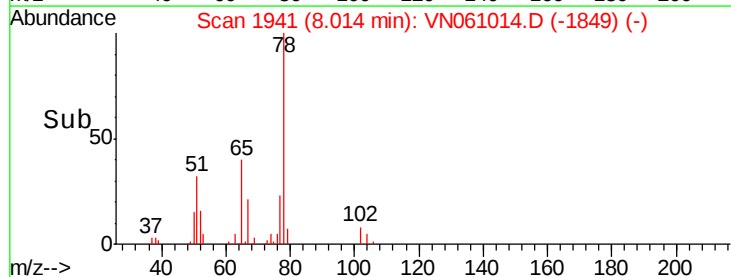
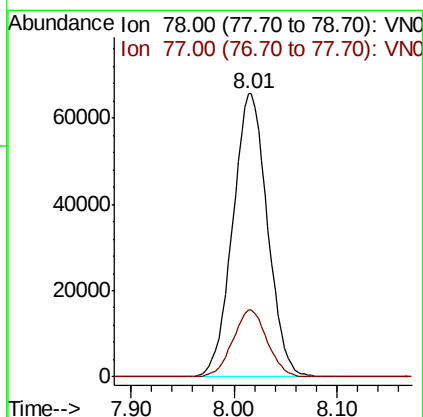
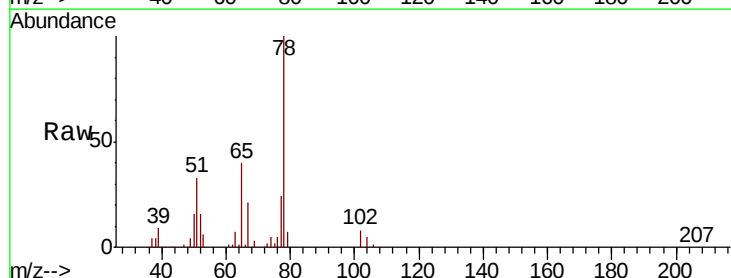
Instrument :
MSVOA_N
ClientSampleId :

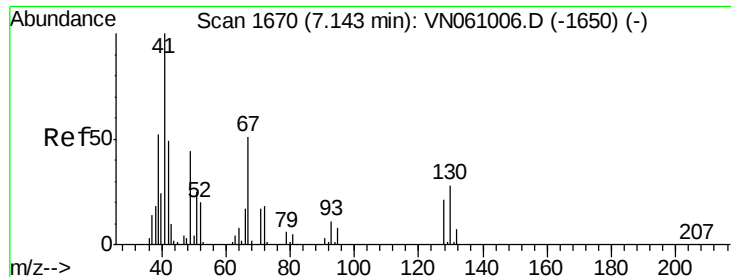
Tot Ion: 83 Resp: 62006
Ion Ratio Lower Upper
83 100
55 85.4 65.4 98.0
98 45.4 34.6 51.8



#40
Benzene
Concen: 18.460 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Tgt Ion: 78 Resp: 153783
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

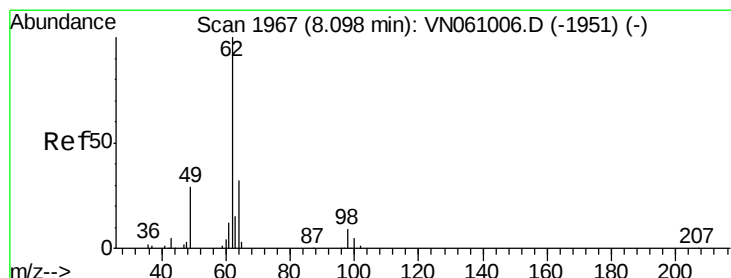
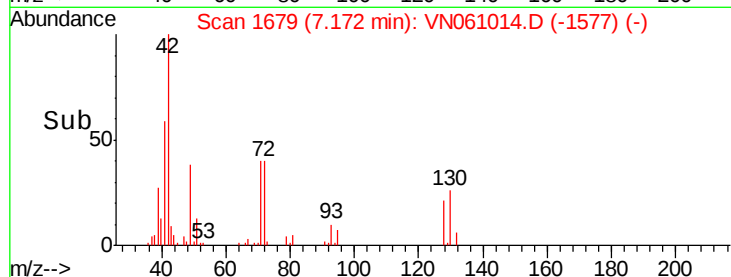
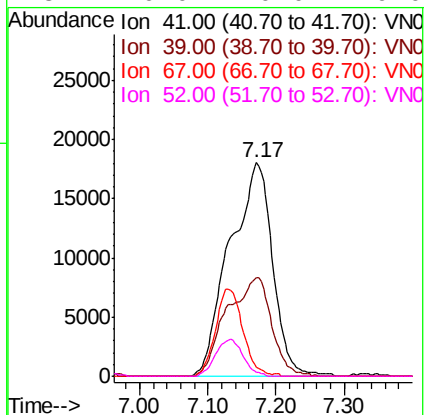
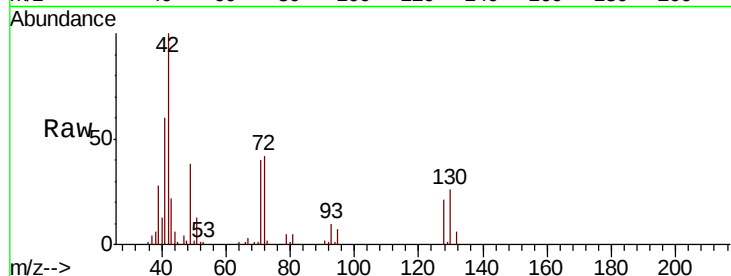




#41
Methacrylonitrile
Concen: 61.622 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.03 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

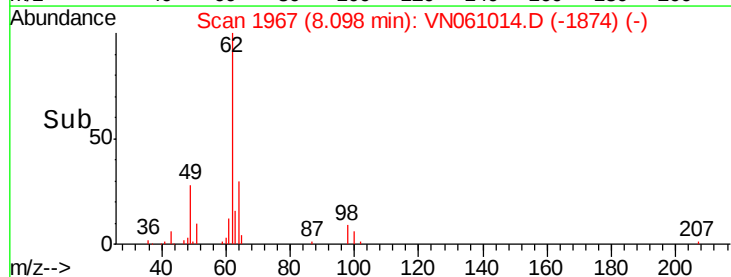
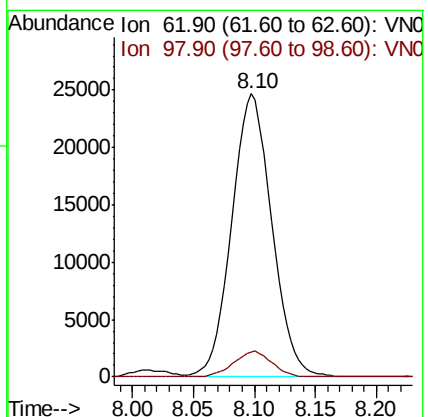
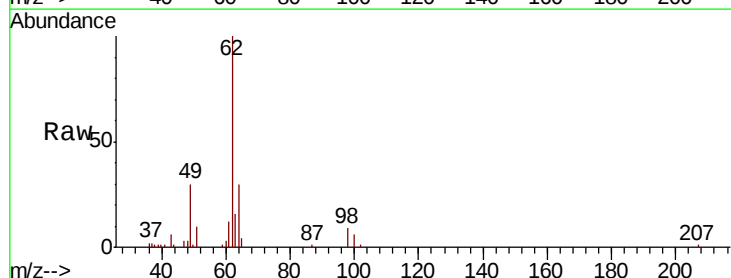
Instrument :
MSVOA_N
ClientSampled :

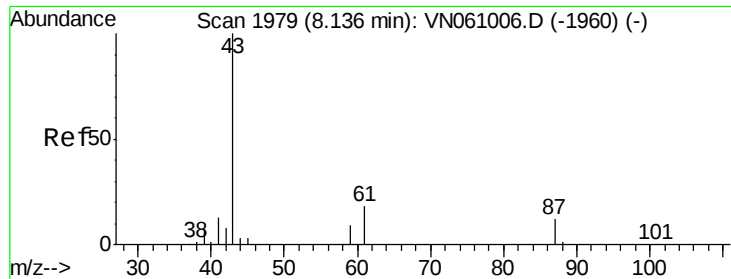
Tot Ion:	41	Resp:	78372
Ion	Ratio	Lower	Upper
41	100		
39	48.3	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.799 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Tgt Ion:	62	Resp:	56187
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 18.586 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

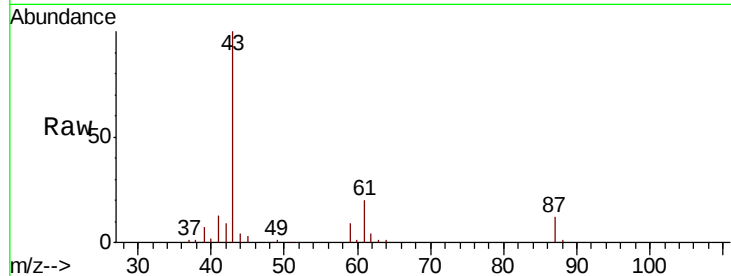
Tot Ion: 43 Resp: 92170

Ion Ratio Lower Upper

43 100

61 26.1 20.3 30.5

87 11.9 9.4 14.2

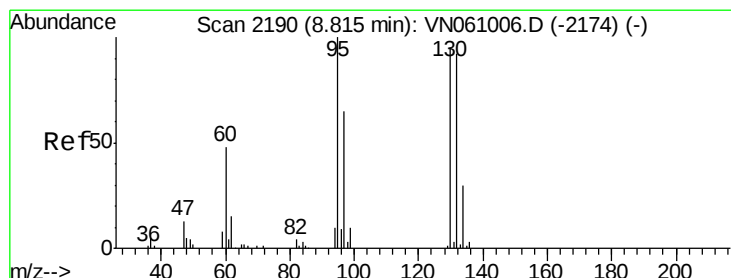
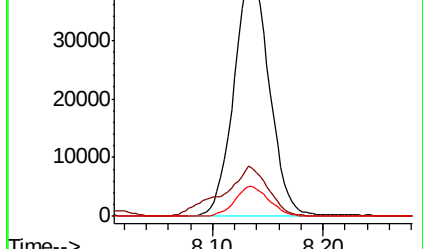
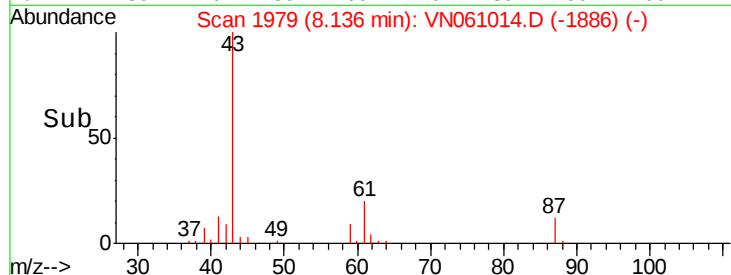


Abundance Ion 43.00 (42.70 to 43.70): VN061014.D (-1886) (-)

Ion 61.00 (60.70 to 61.70): VN061014.D (-1886) (-)

Ion 87.00 (86.70 to 87.70): VN061014.D (-1886) (-)

Time-->



#44

Trichloroethene

Concen: 18.240 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN061014.D

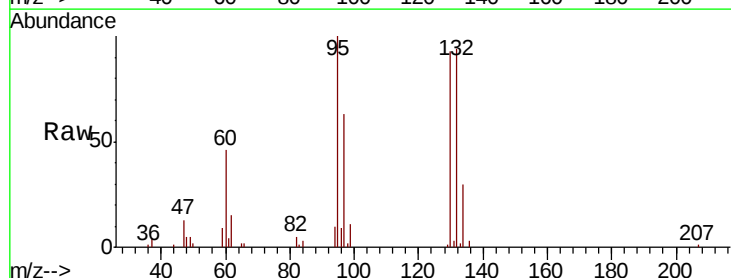
Acq: 16 Apr 2020 16:18

Tgt Ion:130 Resp: 38181

Ion Ratio Lower Upper

130 100

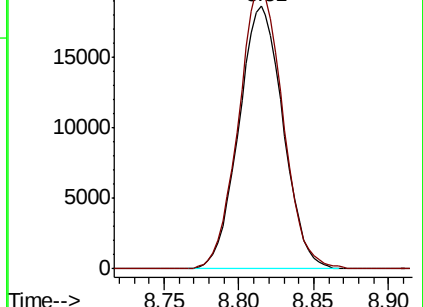
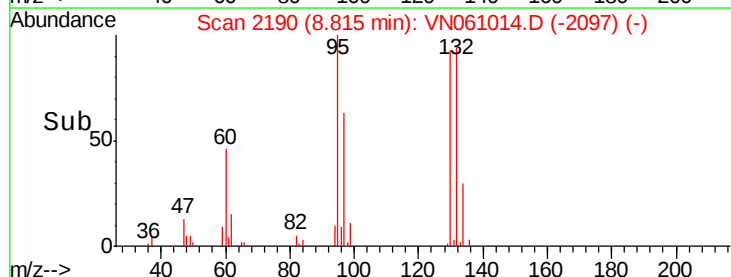
95 107.7 0.0 210.0

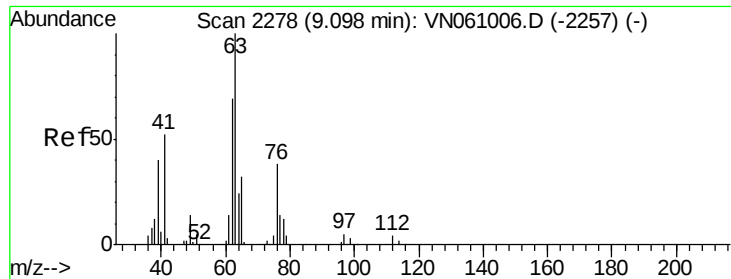


Abundance Ion 129.80 (129.50 to 130.50): VN061014.D (-2097) (-)

Ion 94.90 (94.60 to 95.60): VN061014.D (-2097) (-)

Time-->

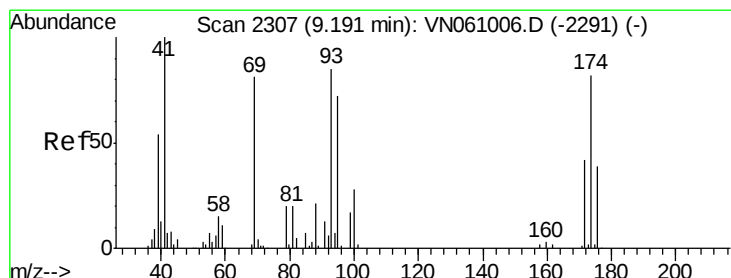
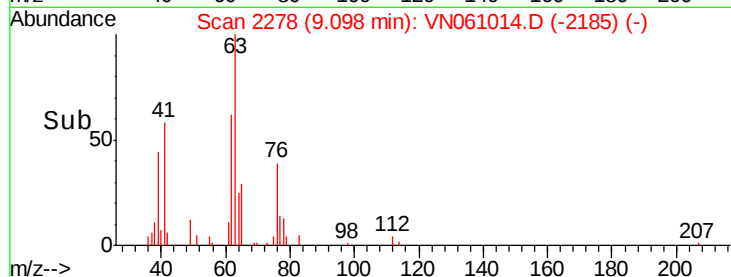
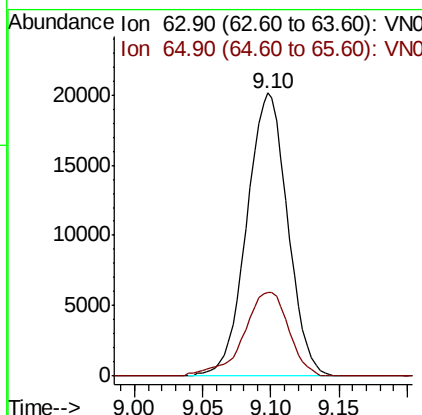
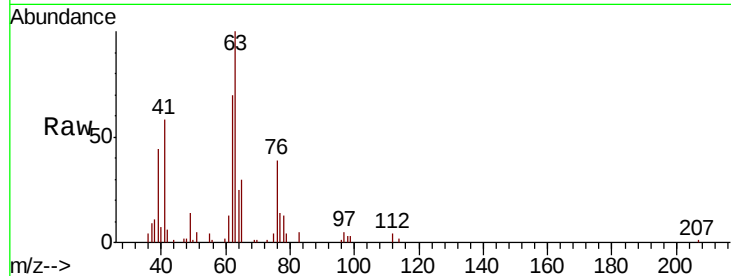




#45
 1,2-Dichloropropane
 Concen: 18.582 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN061014.D
 Acq: 16 Apr 2020 16:18

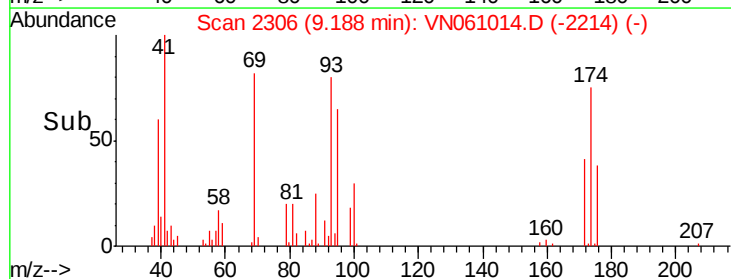
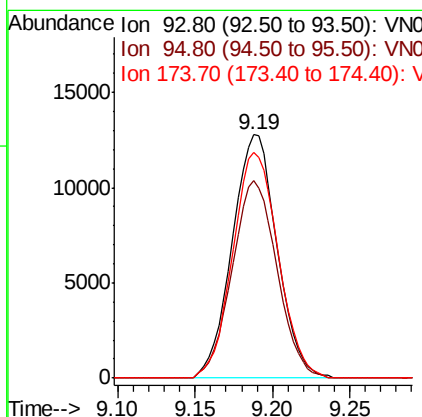
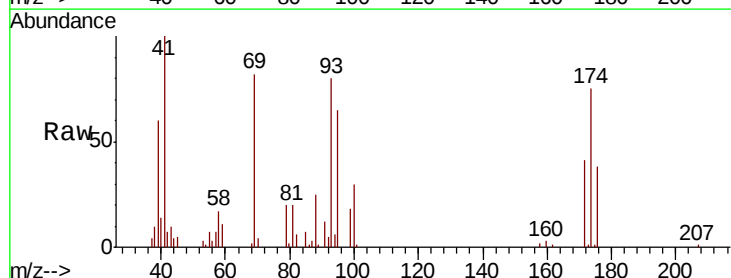
Instrument :
 MSVOA_N
 ClientSampled :

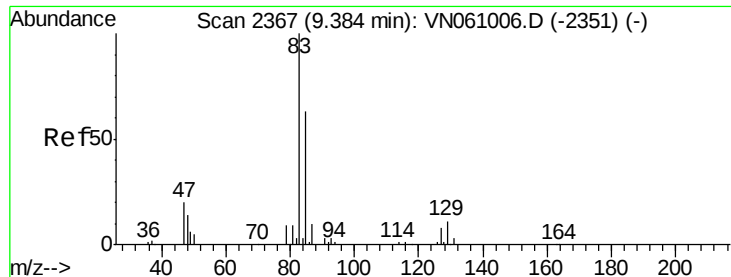
Tot Ion: 63 Resp: 41812
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.2 37.8



#46
 Dibromomethane
 Concen: 19.858 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN061014.D
 Acq: 16 Apr 2020 16:18

Tgt Ion: 93 Resp: 25763
 Ion Ratio Lower Upper
 93 100
 95 81.1 66.8 100.2
 174 94.0 76.2 114.4

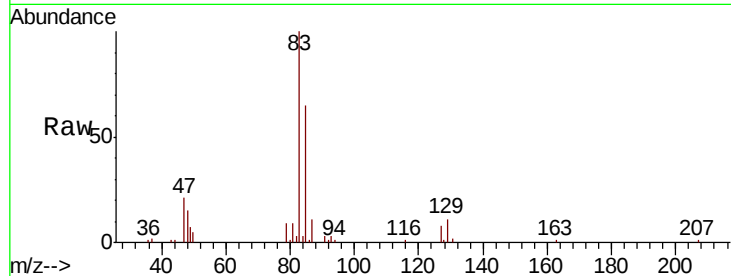




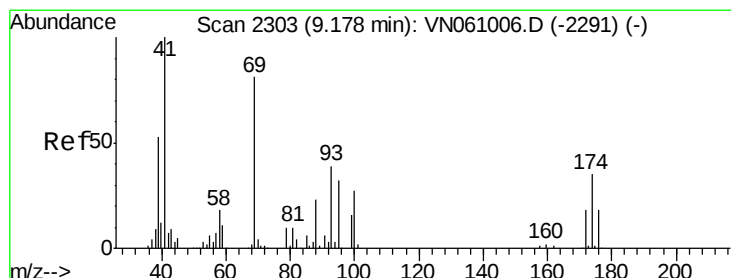
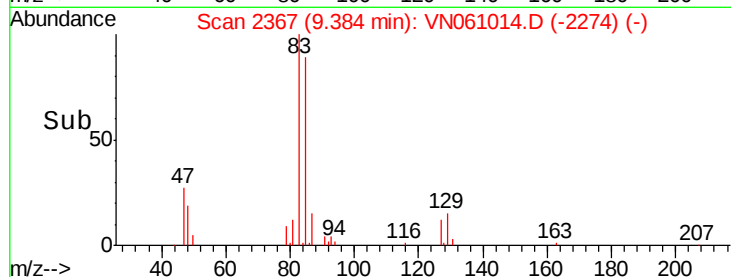
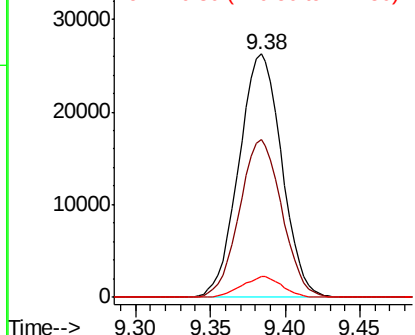
#47
Bromodichloromethane
Concen: 19.094 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 52332
Ion Ratio Lower Upper
83 100
85 64.7 50.6 76.0
127 8.5 6.1 9.1

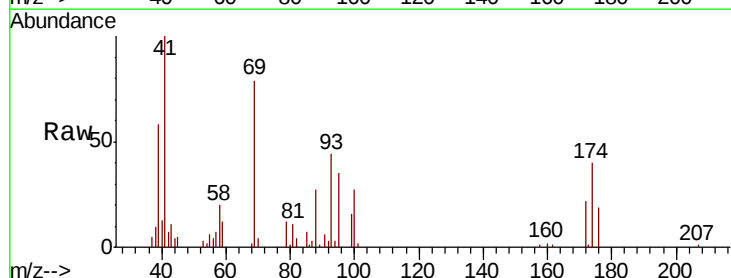


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

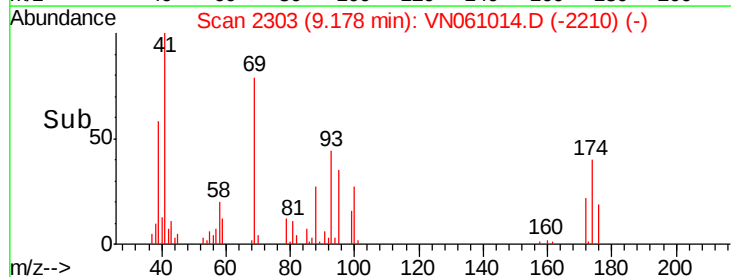
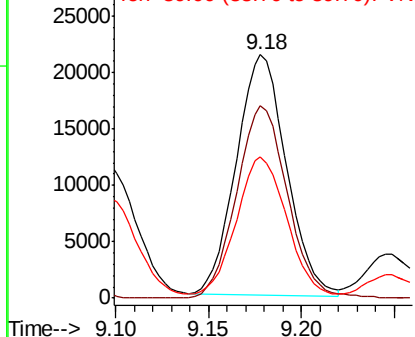


#48
Methyl methacrylate
Concen: 18.209 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Tgt Ion: 41 Resp: 39905
Ion Ratio Lower Upper
41 100
69 81.6 65.3 97.9
39 57.3 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

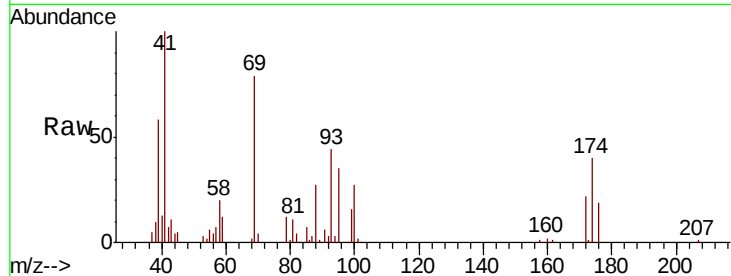




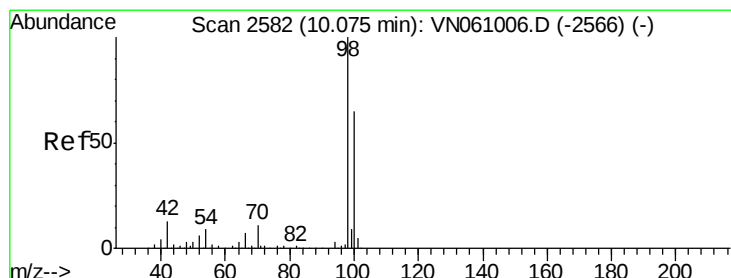
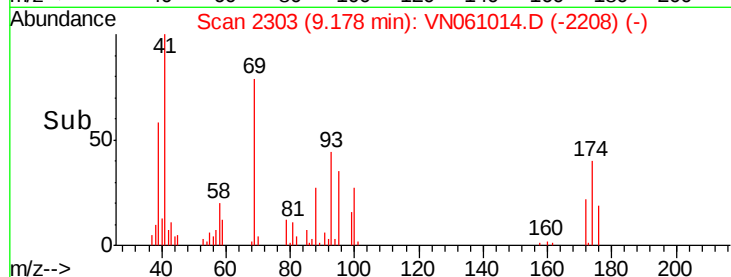
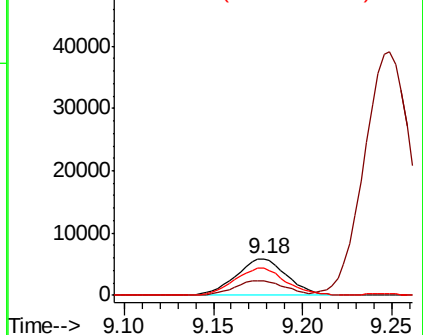
#49
1,4-Dioxane
Concen: 391.034 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 11641
Ion Ratio Lower Upper
88 100
43 39.4 30.9 46.3
58 74.1 59.8 89.8

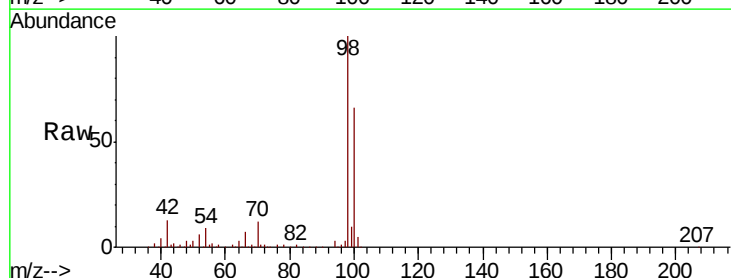


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

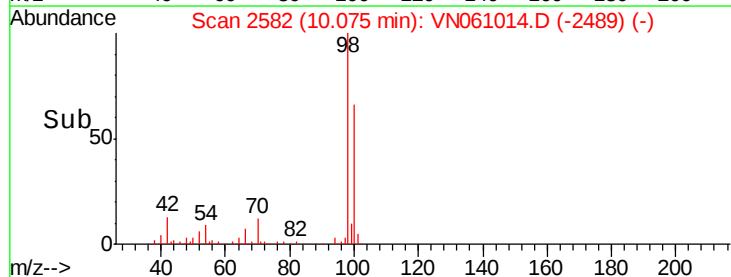
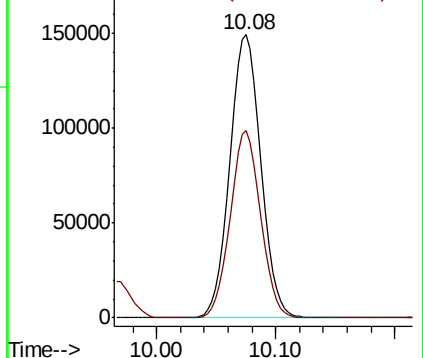


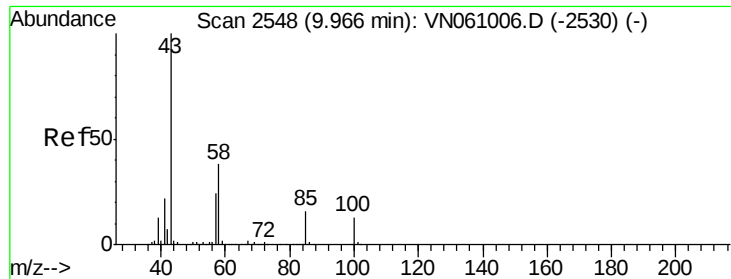
#50
Toluene-d8
Concen: 44.906 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Tgt Ion: 98 Resp: 269671
Ion Ratio Lower Upper
98 100
100 64.6 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: 93.253 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

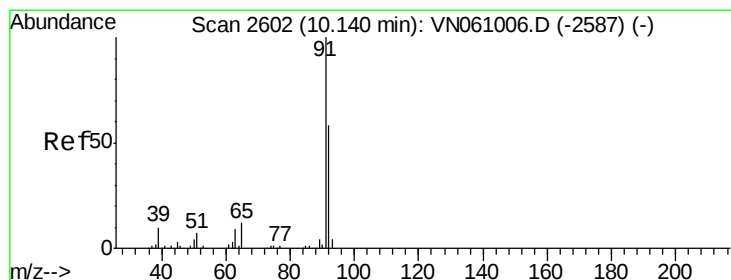
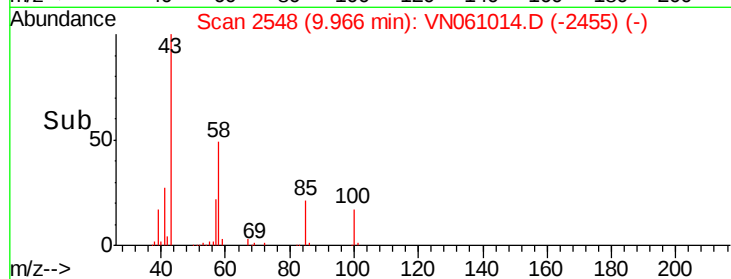
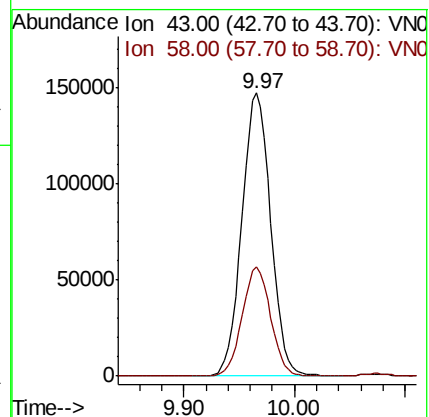
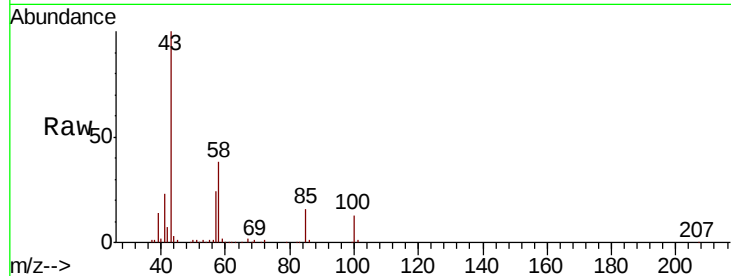
ClientSampleId :

Tot Ion: 43 Resp: 266589

Ion Ratio Lower Upper

43 100

58 38.0 30.3 45.5



#52

Toluene

Concen: 18.623 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN061014.D

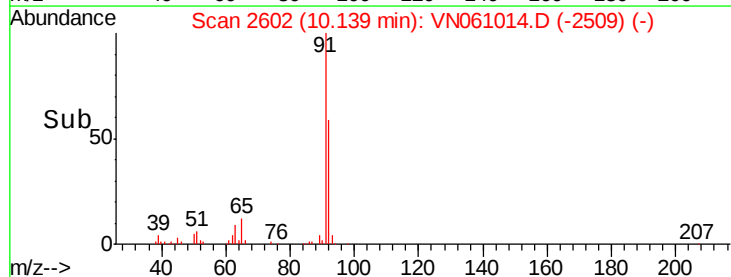
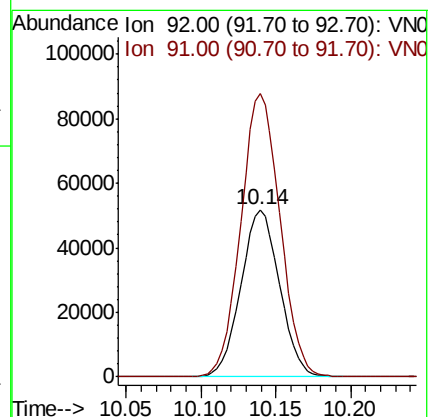
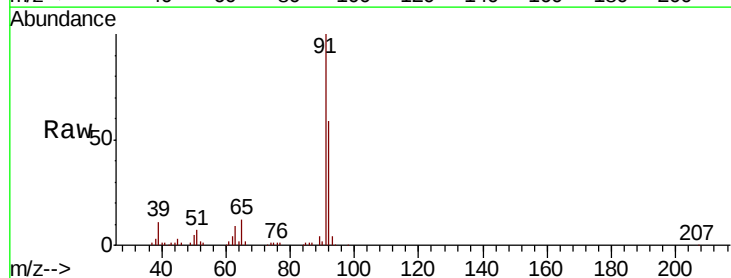
Acq: 16 Apr 2020 16:18

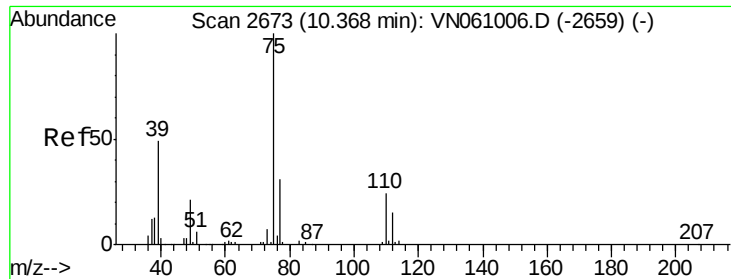
Tgt Ion: 92 Resp: 93072

Ion Ratio Lower Upper

92 100

91 172.0 137.7 206.5





#53

t-1,3-Dichloropropene

Concen: 19.325 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

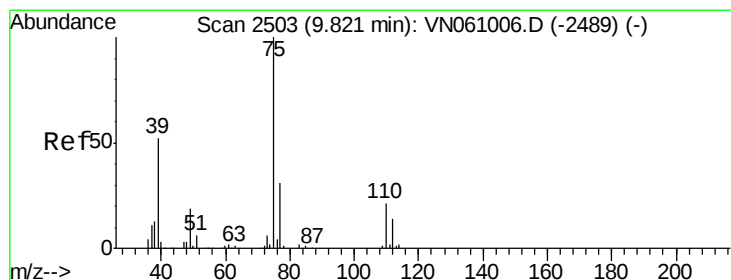
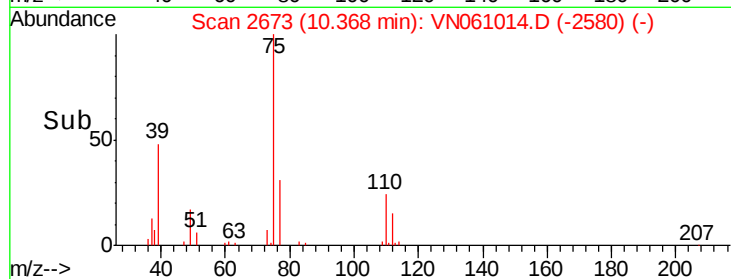
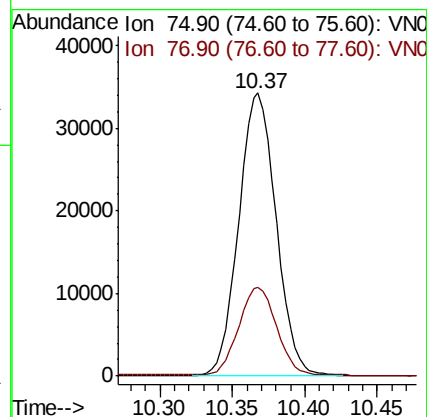
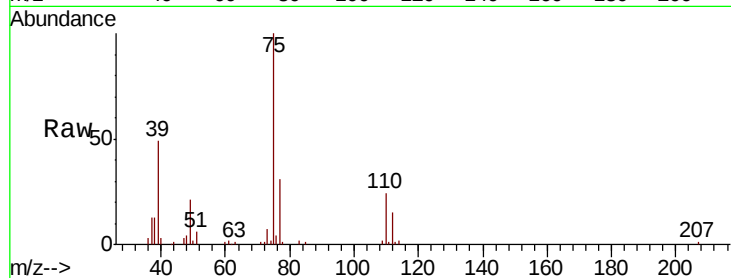
ClientSampled :

Tot Ion: 75 Resp: 61523

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 18.868 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

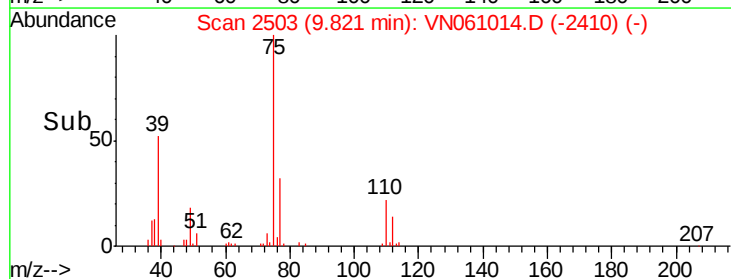
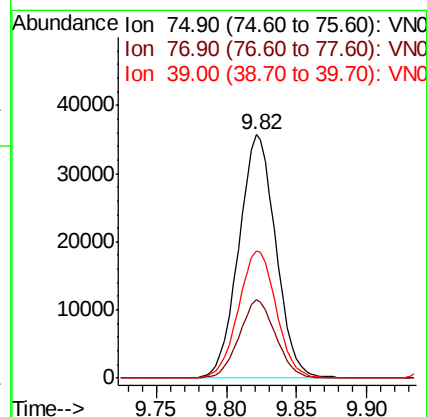
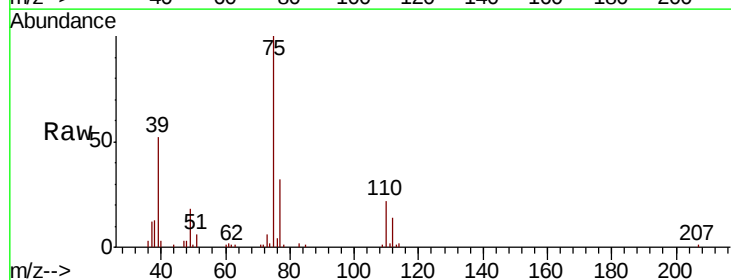
Tgt Ion: 75 Resp: 65539

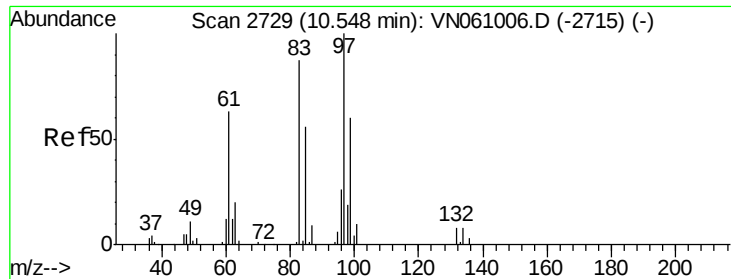
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6

39 52.2 41.4 62.2

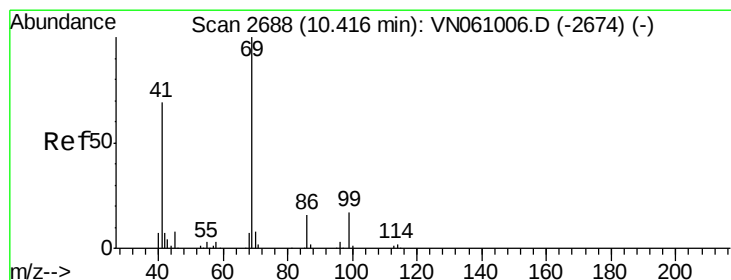
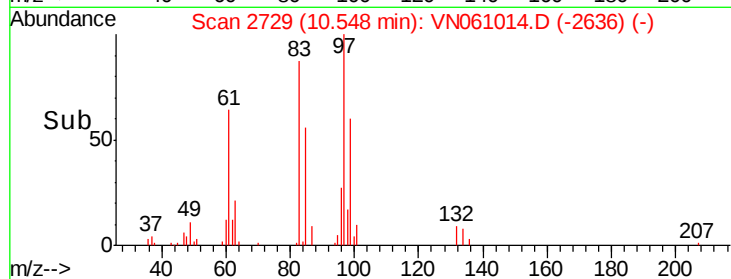
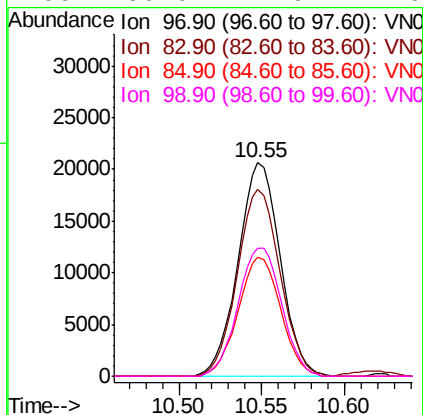
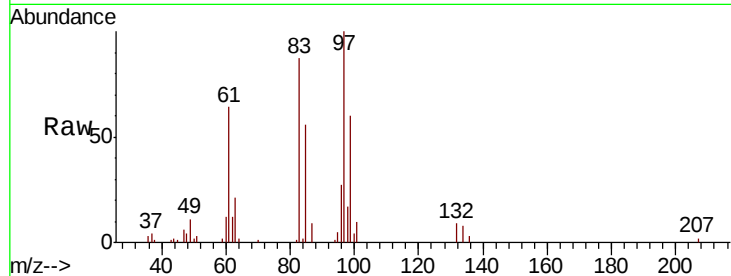




#55
 1,1,2-Trichloroethane
 Concen: 19.266 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN061014.D
 Acq: 16 Apr 2020 16:18

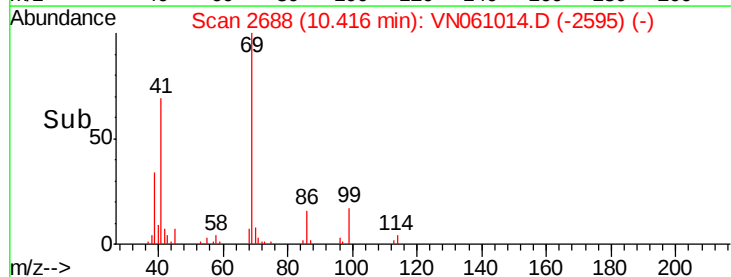
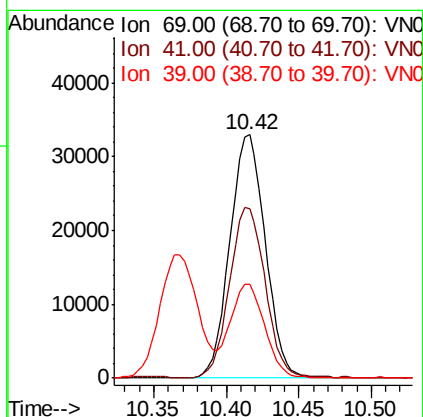
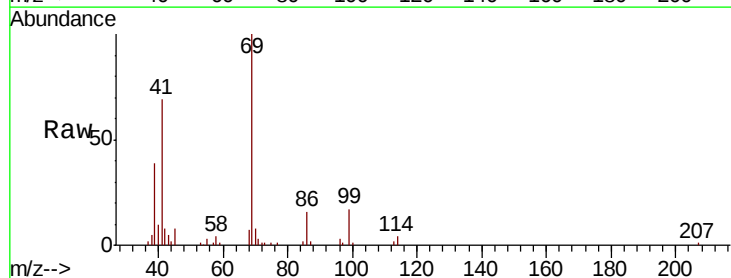
Instrument :
 MSVOA_N
 ClientSampled :

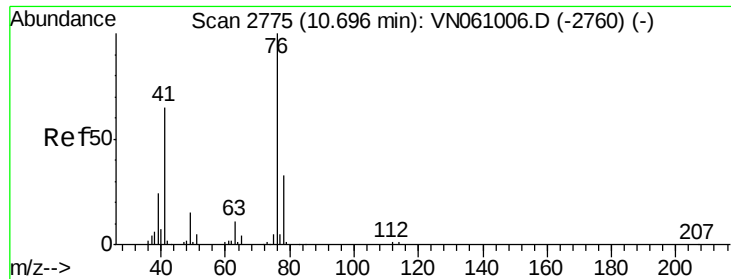
Tot Ion:	97	Resp:	36437
Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.5	104.3
85	55.7	45.0	67.4
99	60.0	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 18.839 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN061014.D
 Acq: 16 Apr 2020 16:18

Tgt Ion:	69	Resp:	56029
Ion	Ratio	Lower	Upper
69	100		
41	70.7	56.7	85.1
39	37.6	29.4	44.0





#57

1,3-Dichloropropane

Concen: 19.033 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

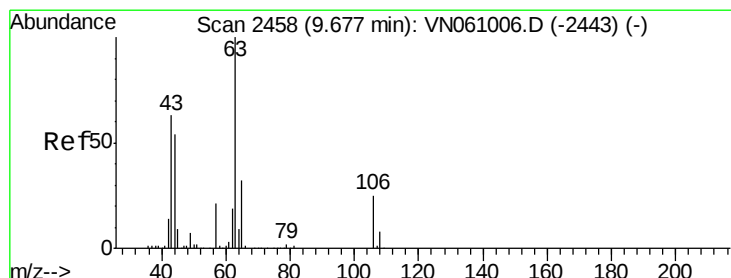
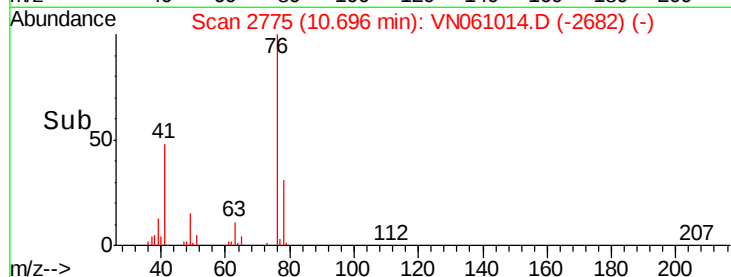
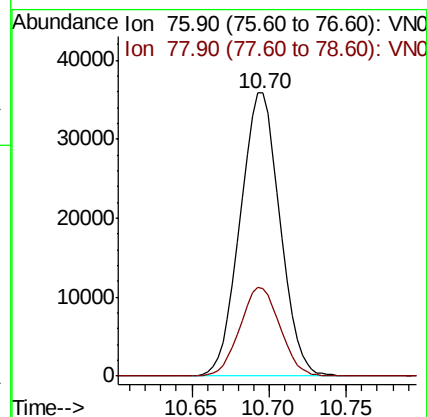
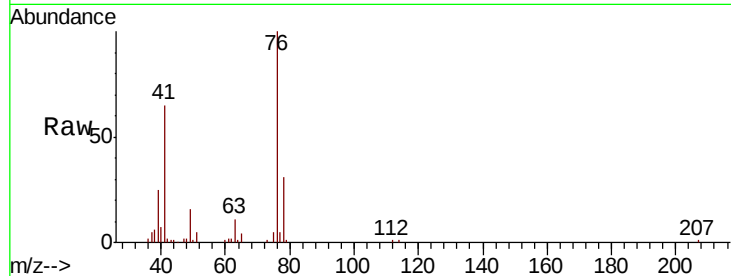
ClientSampled :

Tot Ion: 76 Resp: 64209

Ion Ratio Lower Upper

76 100

78 31.5 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 91.789 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN061014.D

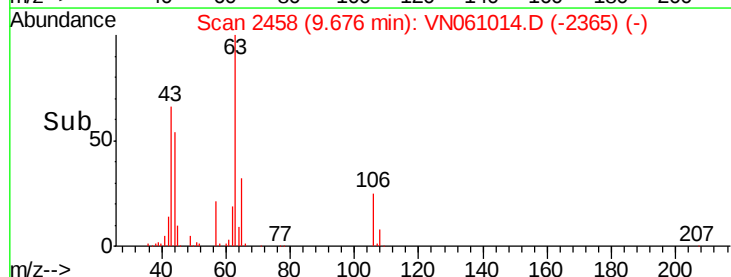
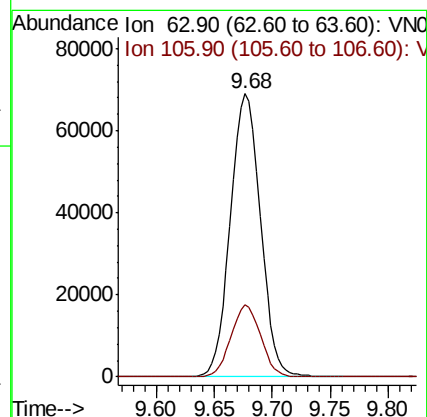
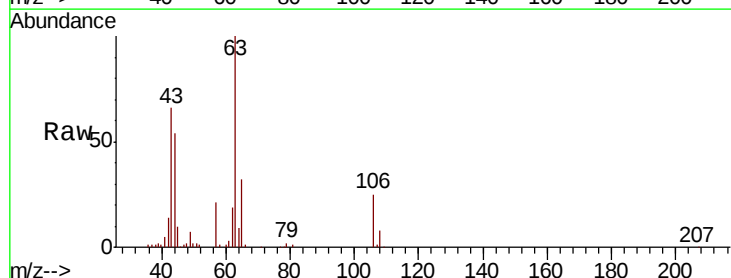
Acq: 16 Apr 2020 16:18

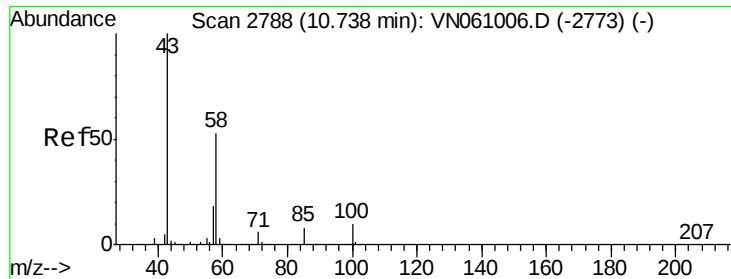
Tgt Ion: 63 Resp: 124044

Ion Ratio Lower Upper

63 100

106 24.9 19.5 29.3

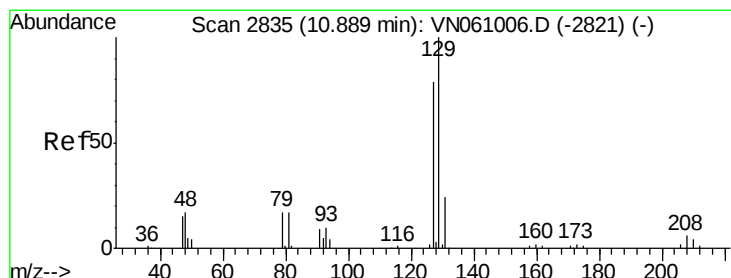
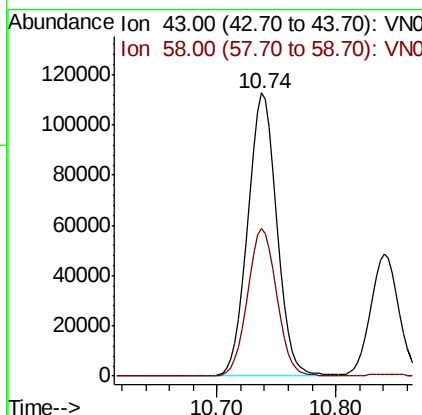
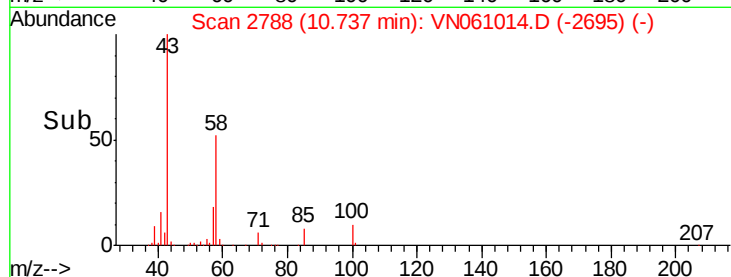
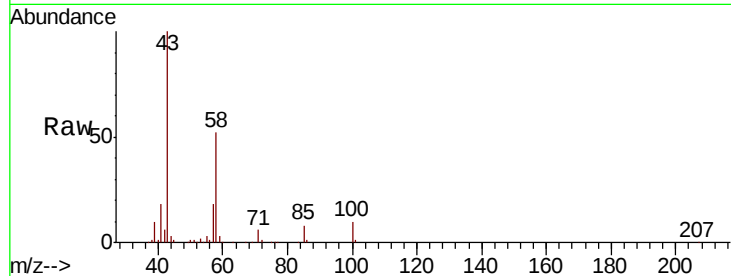




#59
2-Hexanone
Concen: 92.786 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

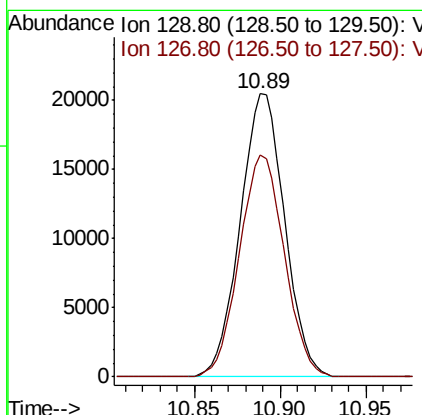
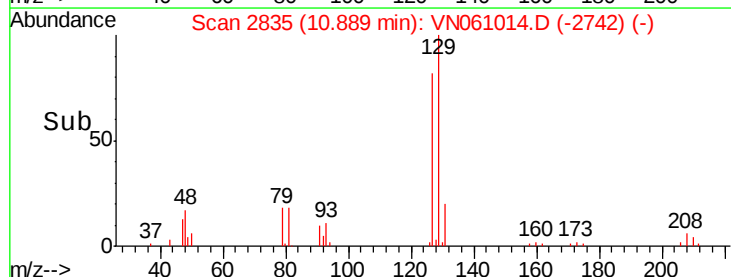
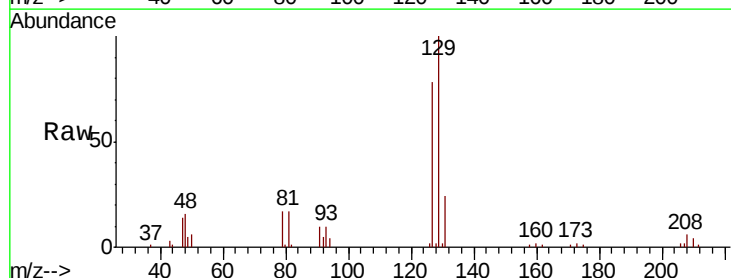
Instrument :
MSVOA_N
ClientSampleId :

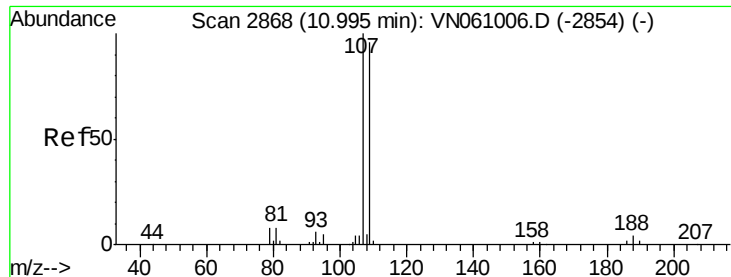
Tot Ion: 43 Resp: 191295
Ion Ratio Lower Upper
43 100
58 52.4 26.4 79.0



#60
Dibromochloromethane
Concen: 18.907 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Tgt Ion: 129 Resp: 36734
Ion Ratio Lower Upper
129 100
127 79.1 39.0 116.9

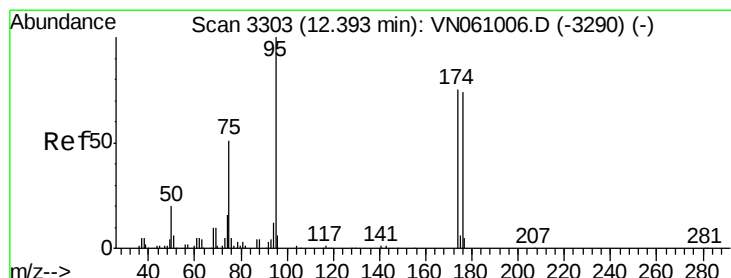
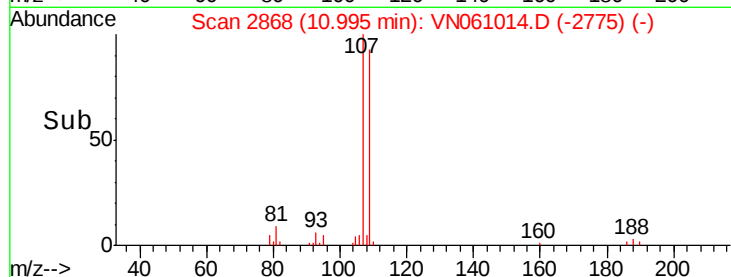
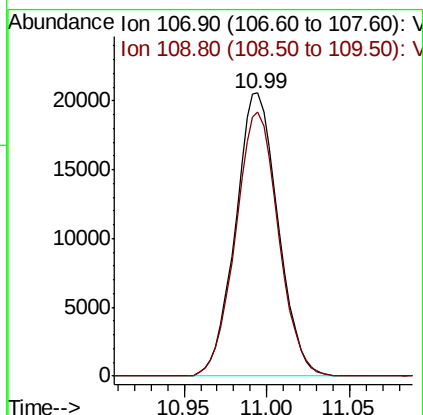
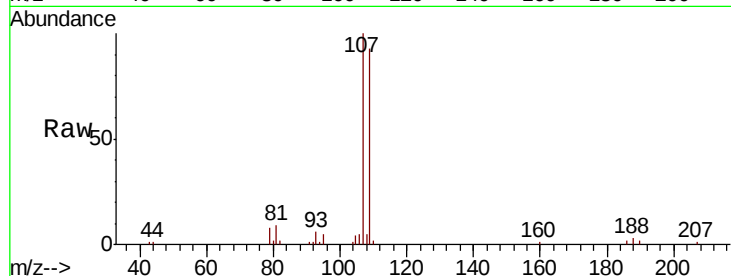




#61
 1,2-Dibromoethane
 Concen: 19.034 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN061014.D
 Acq: 16 Apr 2020 16:18

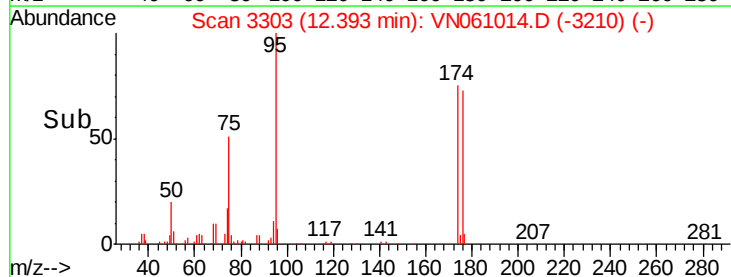
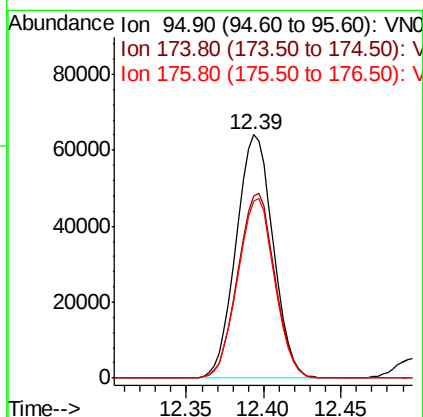
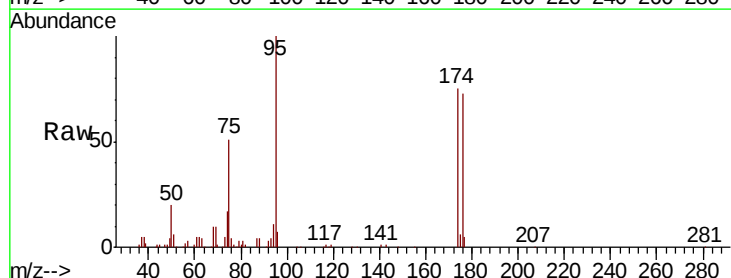
Instrument :
 MSVOA_N
 ClientSampleId :

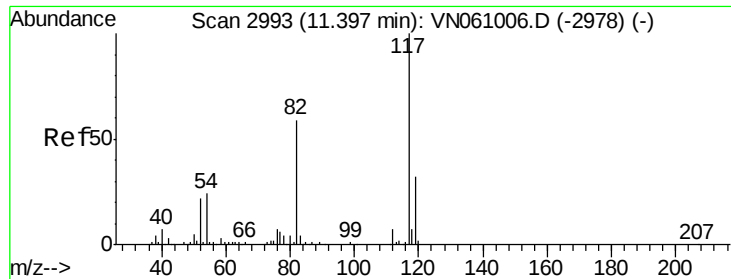
Tot Ion:107 Resp: 36682
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 45.315 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN061014.D
 Acq: 16 Apr 2020 16:18

Tgt Ion: 95 Resp: 106654
 Ion Ratio Lower Upper
 95 100
 174 76.3 0.0 151.2
 176 73.8 0.0 148.2

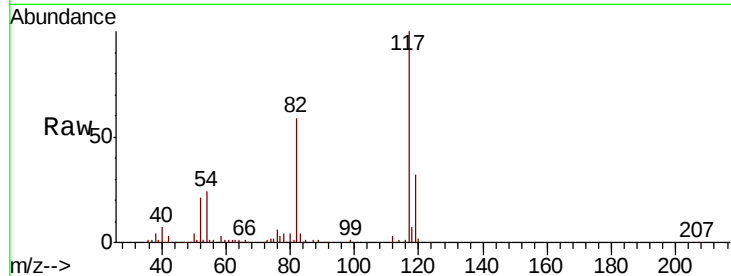




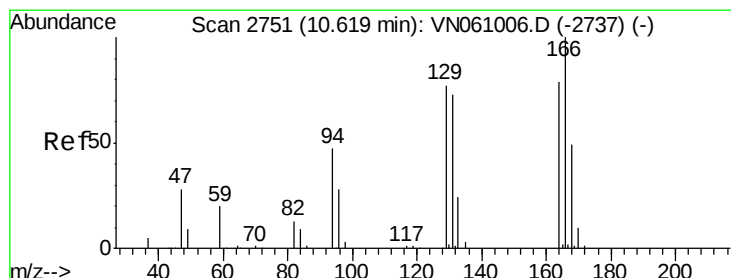
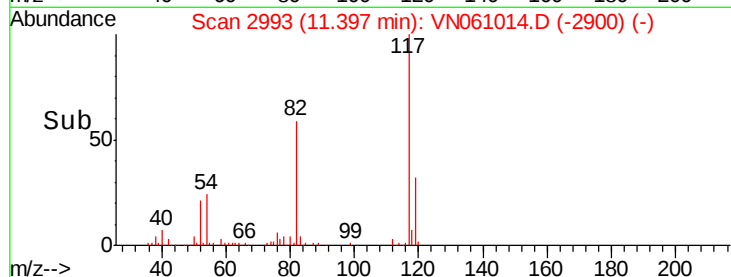
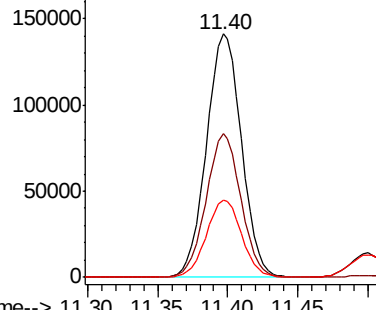
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 245168
Ion Ratio Lower Upper
117 100
82 58.9 47.1 70.7
119 31.8 25.7 38.5

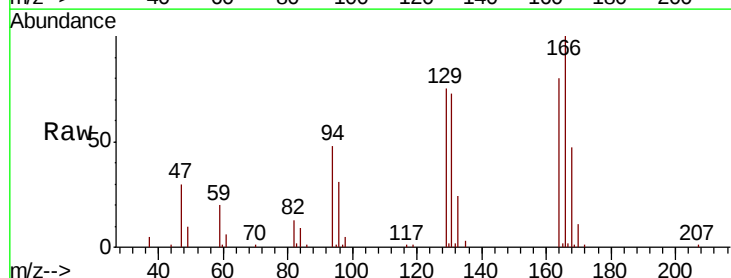


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

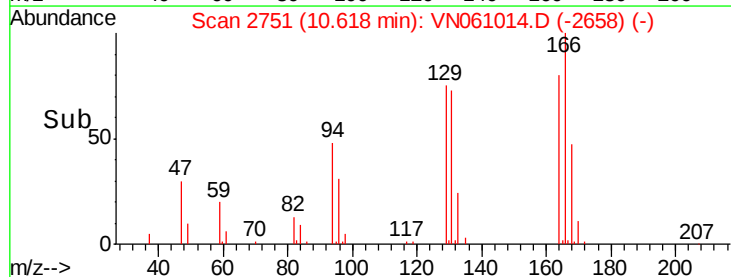
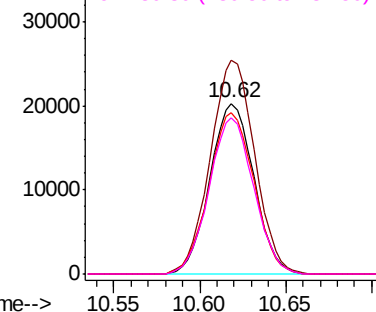


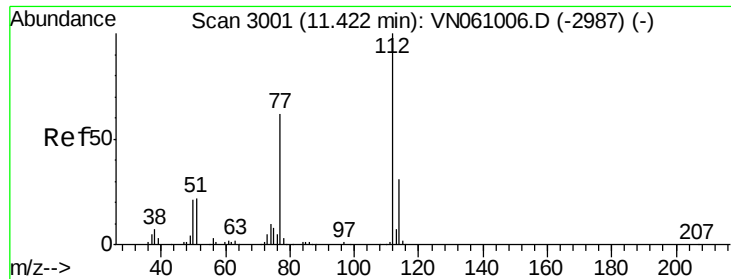
#64
Tetrachloroethene
Concen: 19.175 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Tgt Ion:164 Resp: 35974
Ion Ratio Lower Upper
164 100
166 125.2 101.6 152.4
129 94.5 78.5 117.7
131 91.5 74.3 111.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

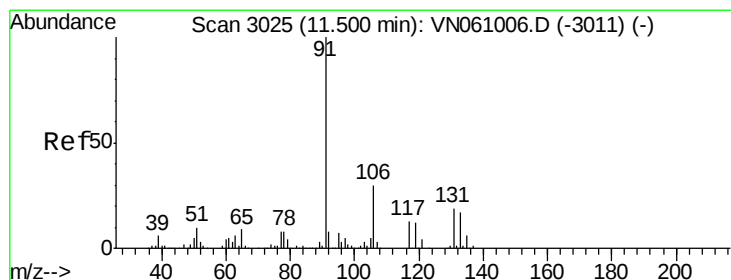
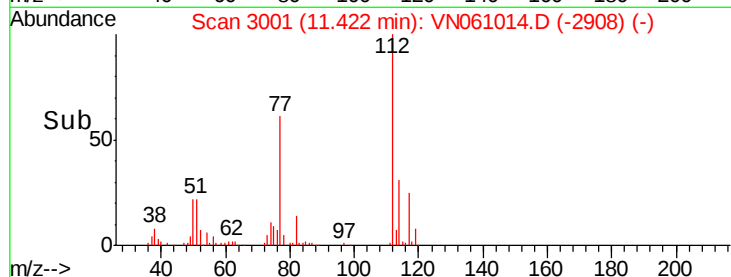
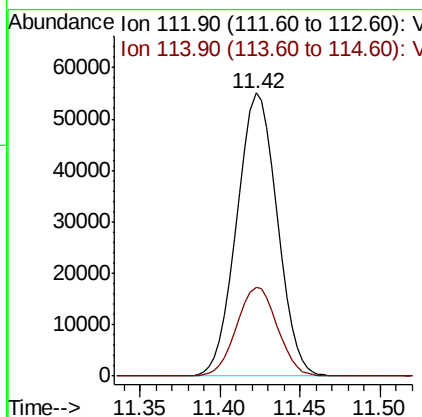
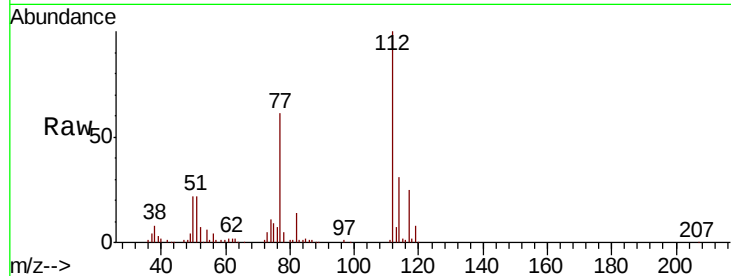




#65
Chlorobenzene
Concen: 18.723 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

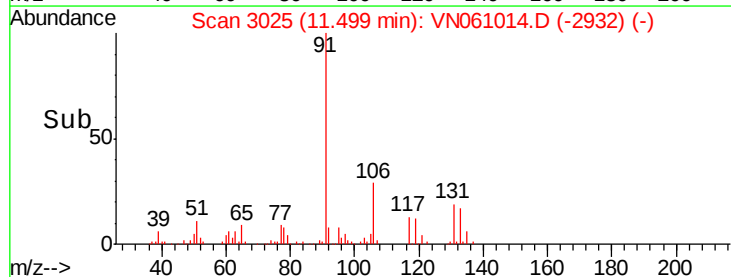
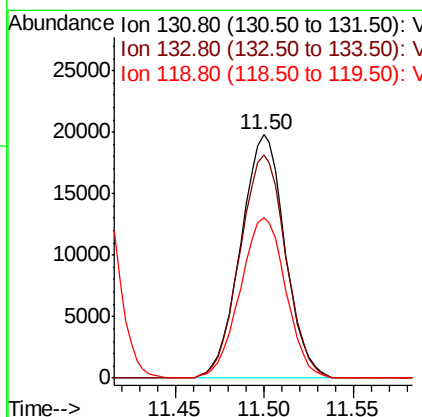
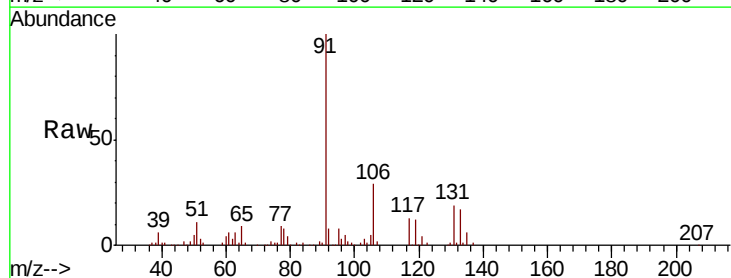
Instrument :
MSVOA_N
ClientSampled :

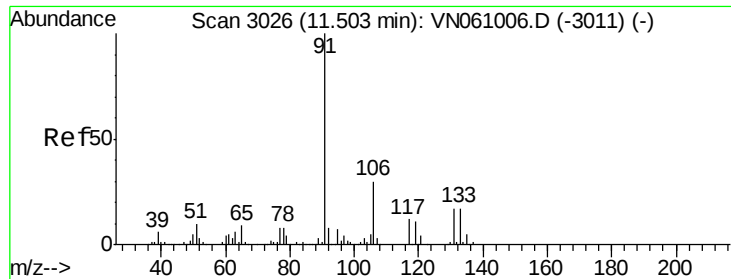
Tot Ion:112 Resp: 94762
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.887 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Tgt Ion:131 Resp: 34200
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.8
119 68.0 33.3 99.8

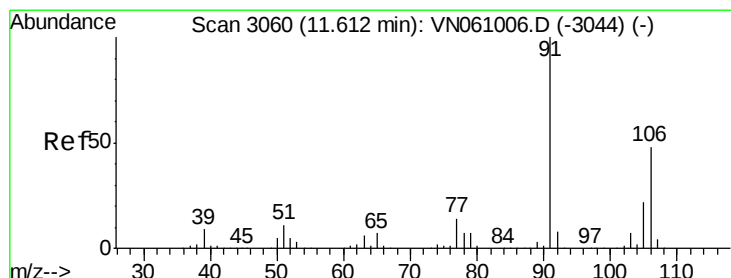
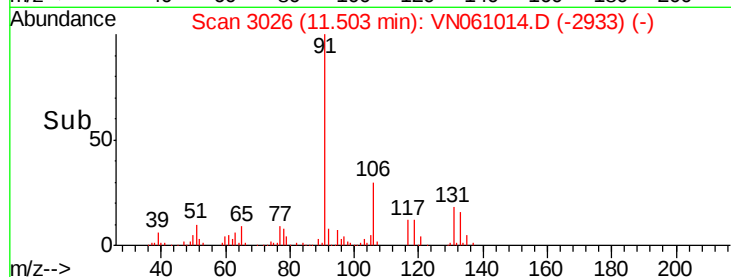
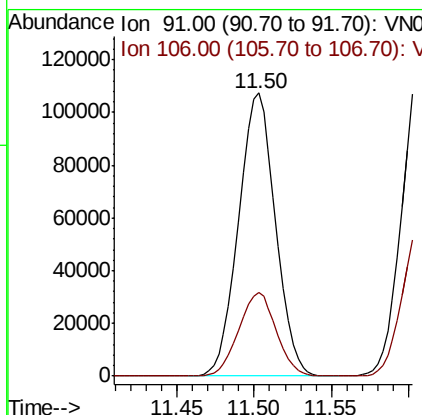
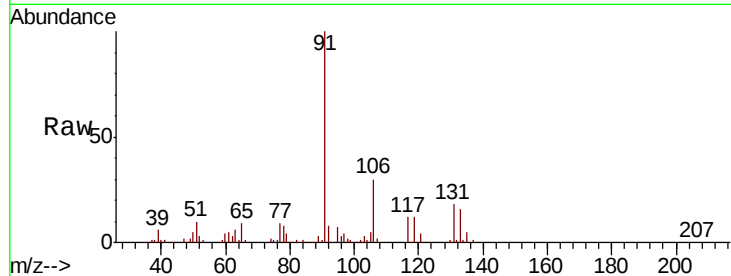




#67
Ethyl Benzene
Concen: 18.708 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

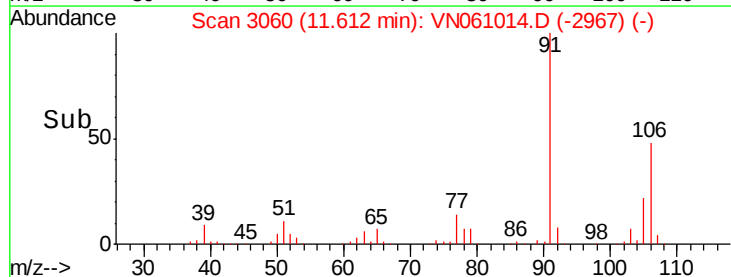
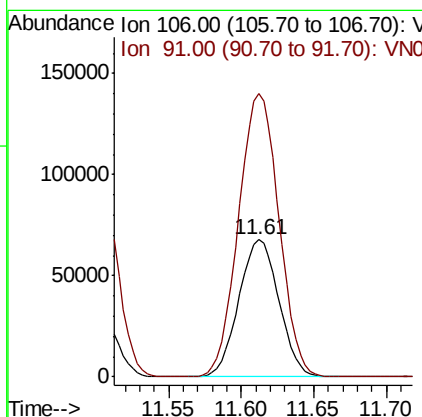
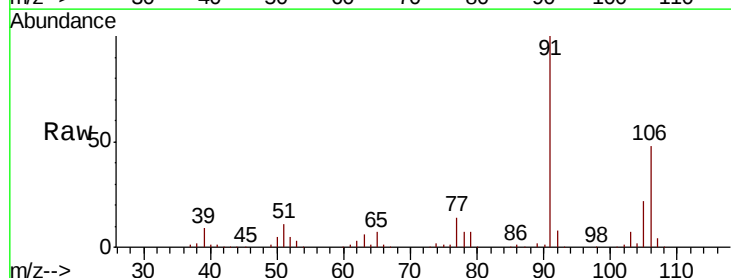
Instrument :
MSVOA_N
ClientSampled :

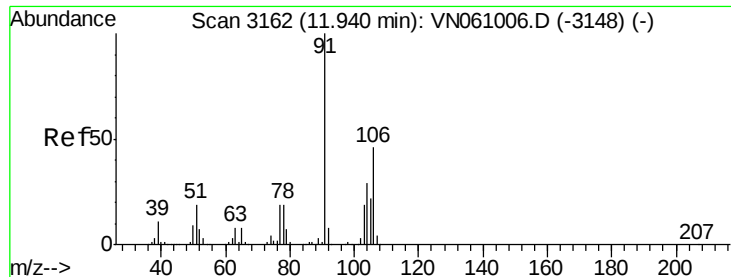
Tot Ion: 91 Resp: 178102
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.8



#68
m/p-Xylenes
Concen: 37.862 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Tgt Ion: 106 Resp: 130267
Ion Ratio Lower Upper
106 100
91 208.4 167.9 251.9

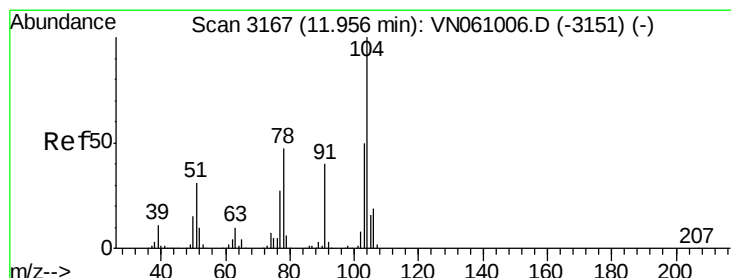
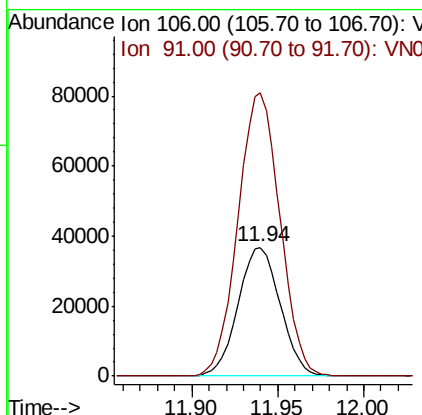
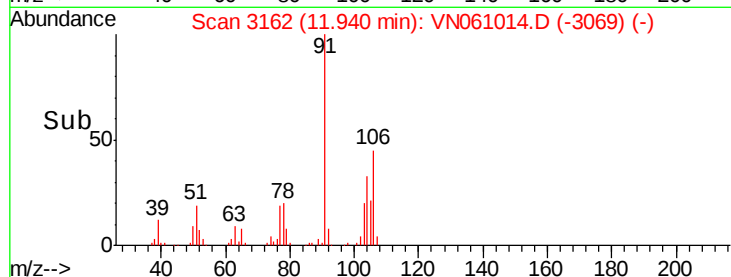
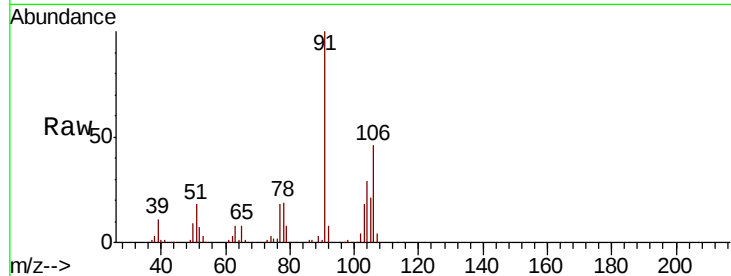




#69
o-Xylene
Concen: 18.903 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

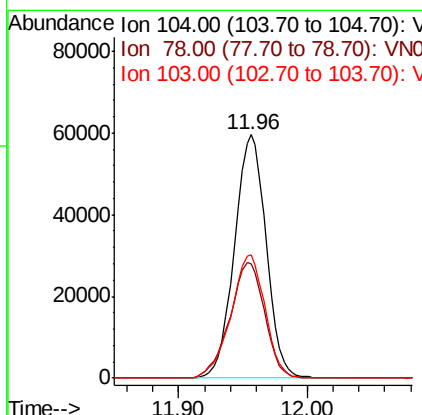
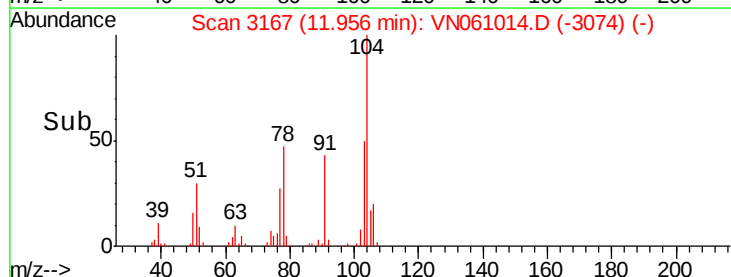
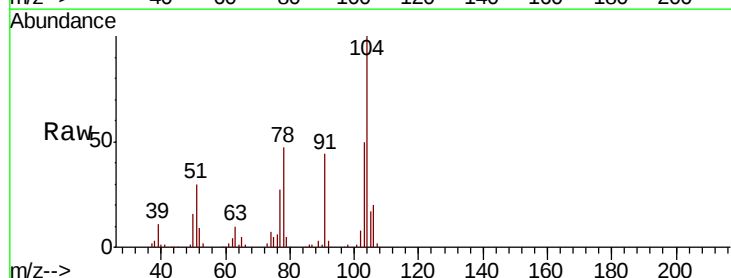
Instrument :
MSVOA_N
ClientSampled :

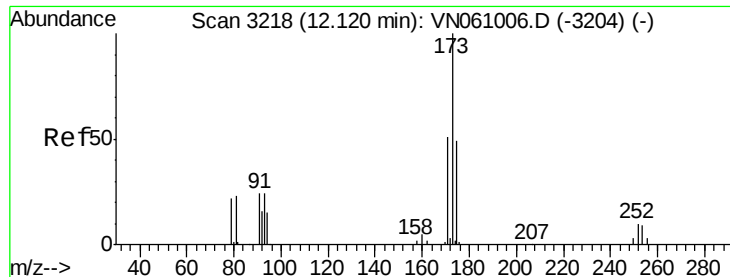
Tot Ion:106 Resp: 62534
Ion Ratio Lower Upper
106 100
91 219.7 110.7 332.1



#70
Styrene
Concen: 19.058 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Tgt Ion:104 Resp: 101498
Ion Ratio Lower Upper
104 100
78 52.2 42.2 63.4
103 54.5 44.4 66.6

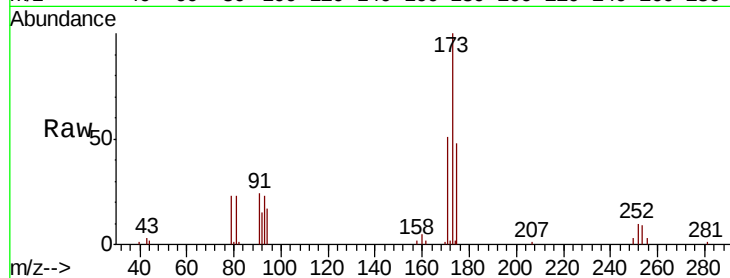




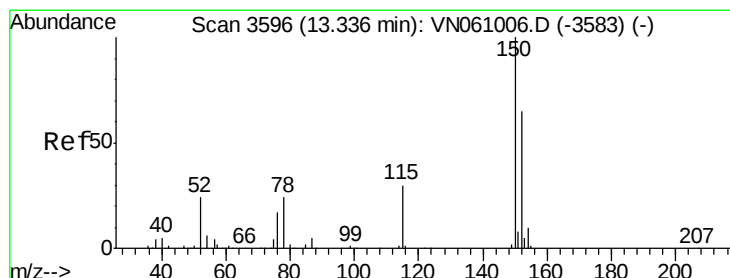
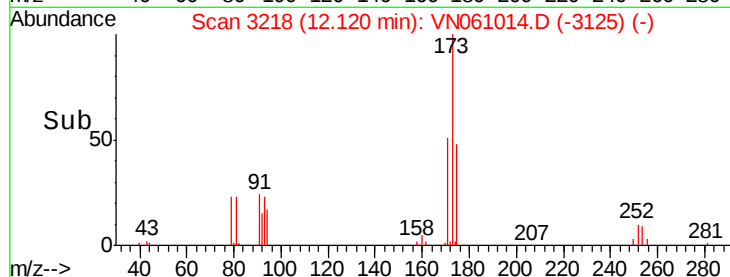
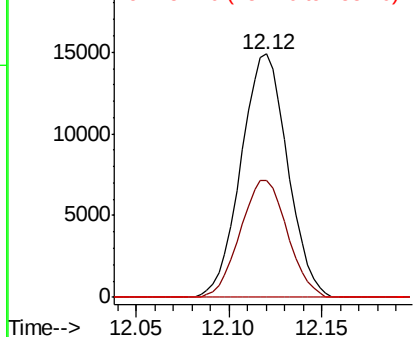
#71
Bromoform
Concen: 19.269 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 26044
Ion Ratio Lower Upper
173 100
175 48.5 24.5 73.5
254 0.0 0.0 0.0

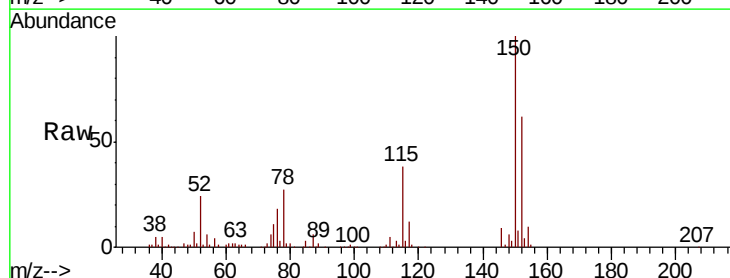


Abundance Ion 172.70 (172.40 to 173.40): V
20000 Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

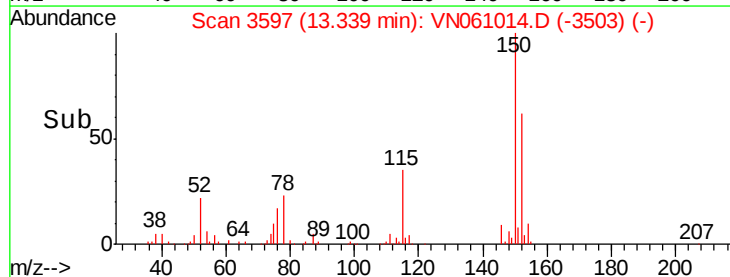
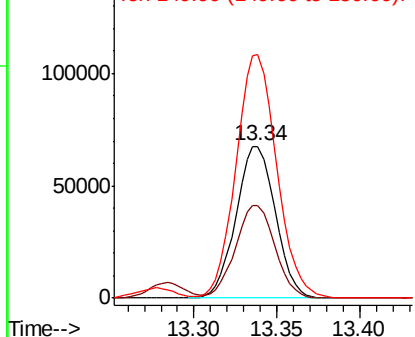


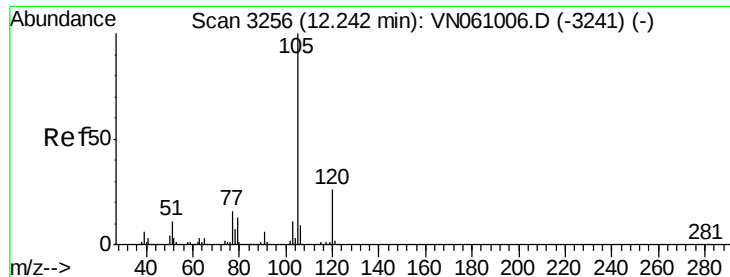
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Tgt Ion:152 Resp: 111602
Ion Ratio Lower Upper
152 100
115 61.1 30.8 92.4
150 166.1 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
150000 Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.725 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

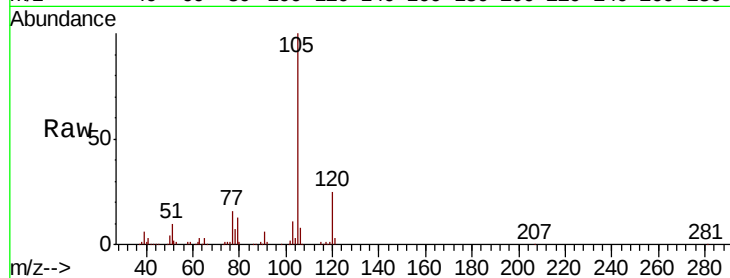
ClientSampleId :

Tot Ion:105 Resp: 167416

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

120000

100000

80000

60000

40000

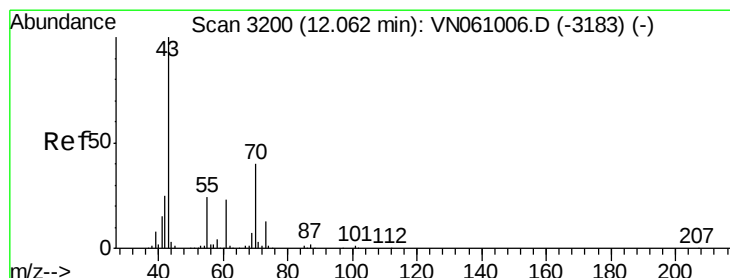
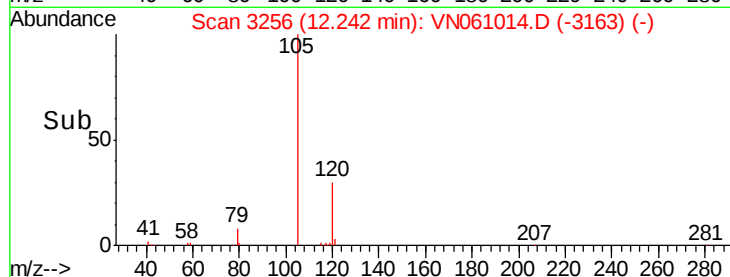
20000

0

Time-->

12.20 12.25 12.30

12.24



#74

N-ethyl acetate

Concen: 18.021 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Tgt Ion: 43 Resp: 74929

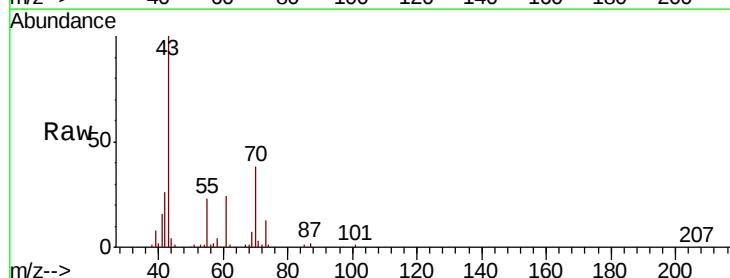
Ion Ratio Lower Upper

43 100

70 39.0 31.0 46.6

55 23.5 18.6 27.8

61 23.6 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

60000

40000

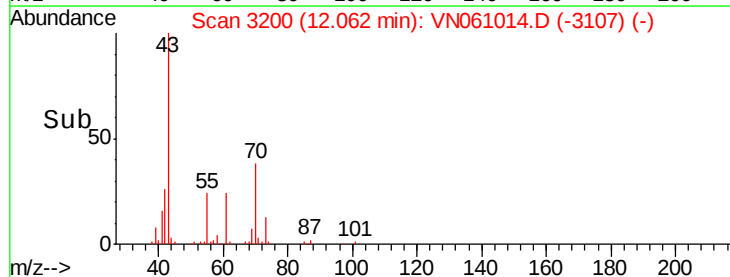
20000

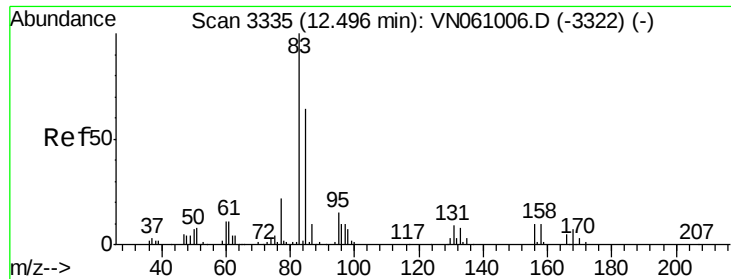
0

Time-->

12.00 12.05 12.10

12.06





#75

1,1,2,2-Tetrachloroethane

Concen: 19.076 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

ClientSampled :

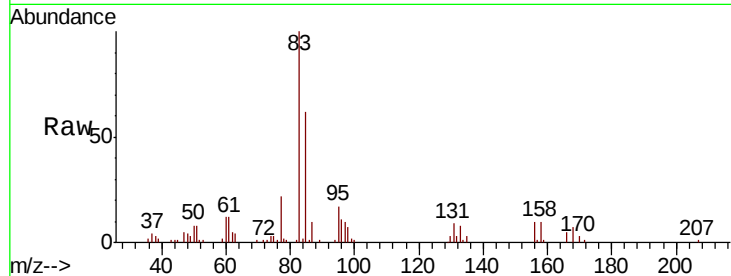
Tot Ion: 83 Resp: 52065

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

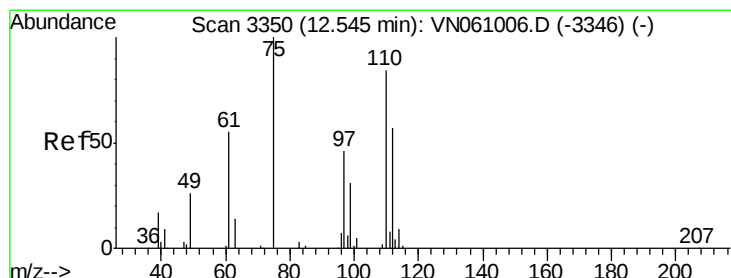
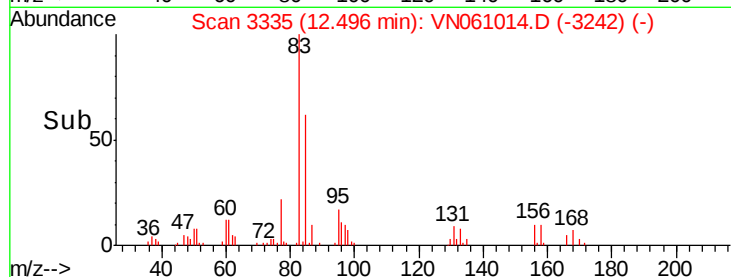
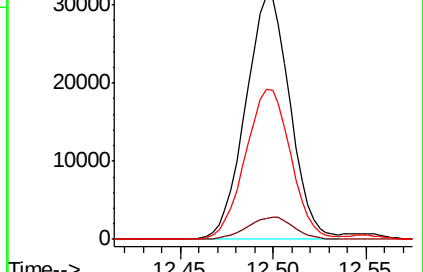
85 63.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN061014.D (-3242) (-)

Ion 130.80 (130.50 to 131.50): VN061014.D (-3242) (-)

Ion 84.90 (84.60 to 85.60): VN061014.D (-3242) (-)



#76

1,2,3-Trichloropropane

Concen: 29.029 ug/l

RT: 12.54 min Scan# 3350

Delta R.T. -0.00 min

Lab File: VN061014.D

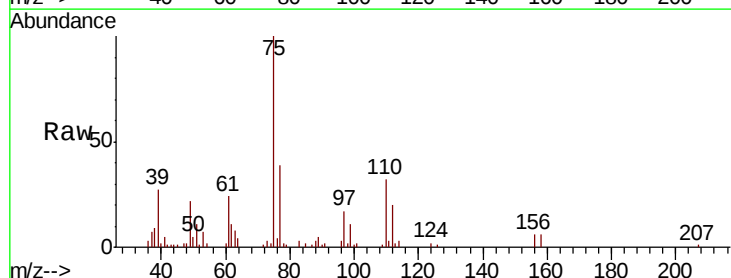
Acq: 16 Apr 2020 16:18

Tgt Ion: 75 Resp: 71259

Ion Ratio Lower Upper

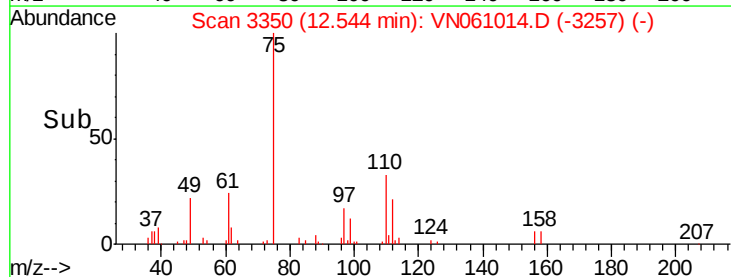
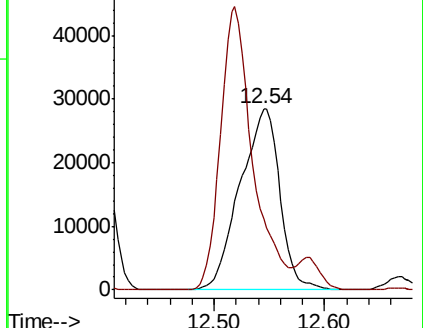
75 100

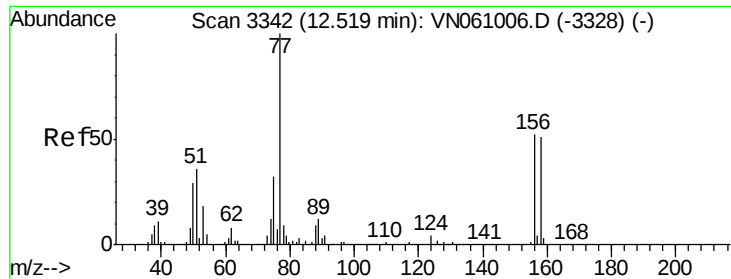
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061014.D (-3257) (-)

Ion 77.00 (76.70 to 77.70): VN061014.D (-3257) (-)





#77

Bromobenzene

Concen: 18.999 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

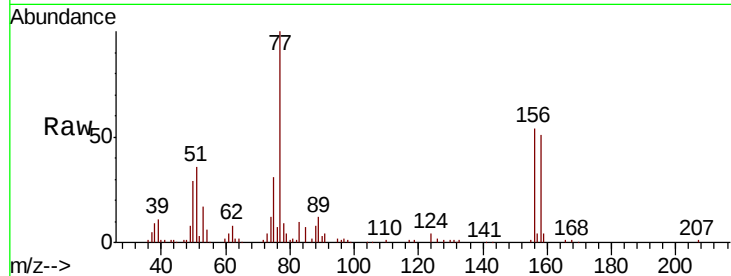
Tot Ion:156 Resp: 39661

Ion Ratio Lower Upper

156 100

77 228.5 115.6 346.8

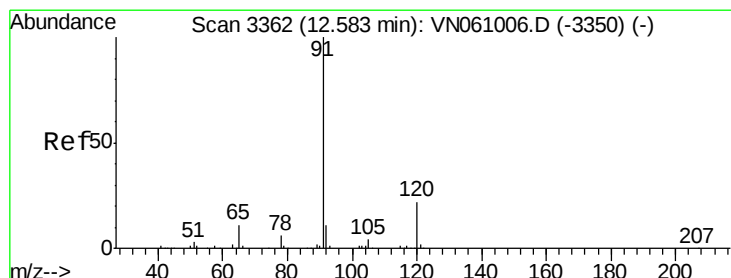
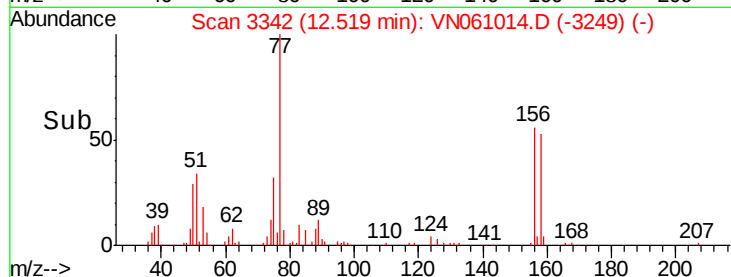
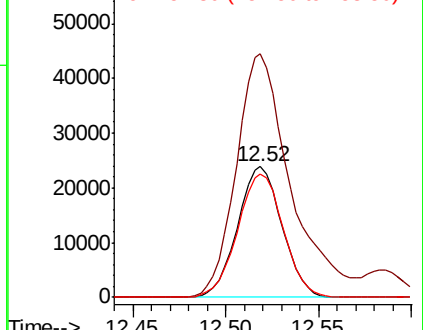
158 96.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.933 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. -0.00 min

Lab File: VN061014.D

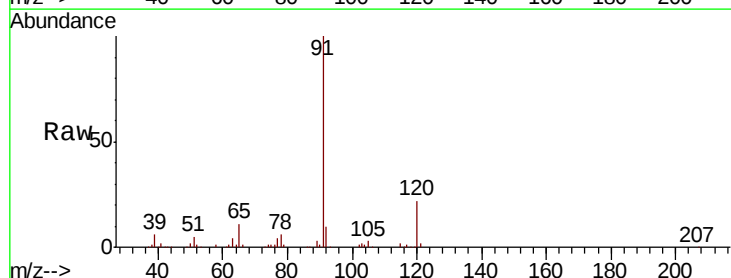
Acq: 16 Apr 2020 16:18

Tgt Ion: 91 Resp: 198055

Ion Ratio Lower Upper

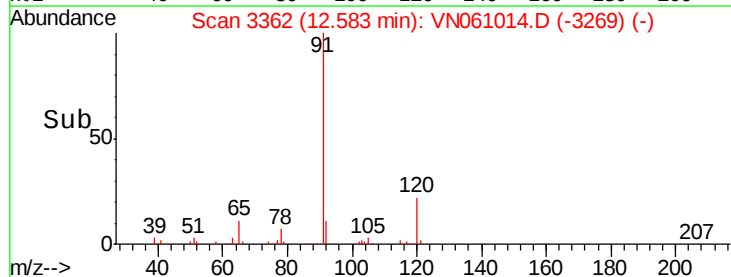
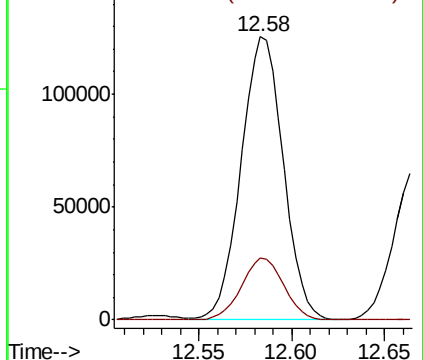
91 100

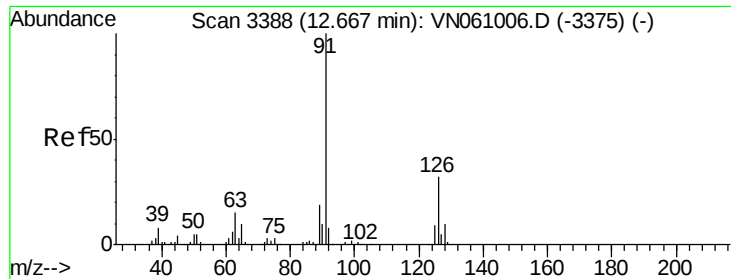
120 22.0 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.761 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

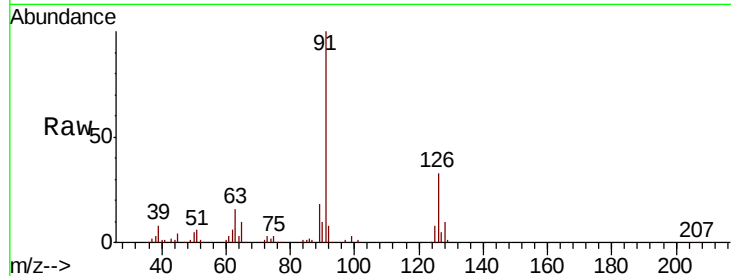
ClientSampled :

Tot Ion: 91 Resp: 115102

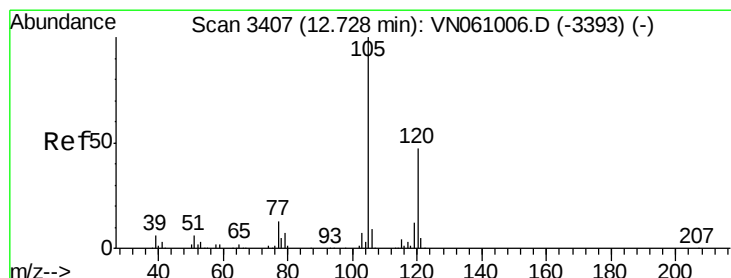
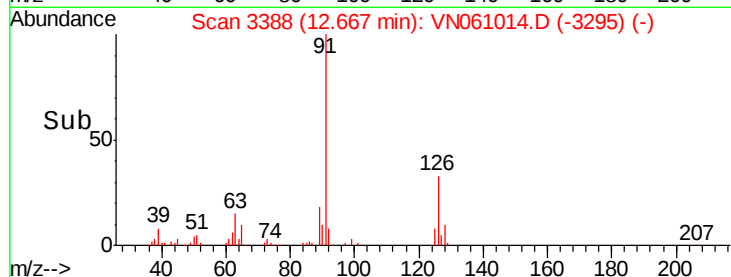
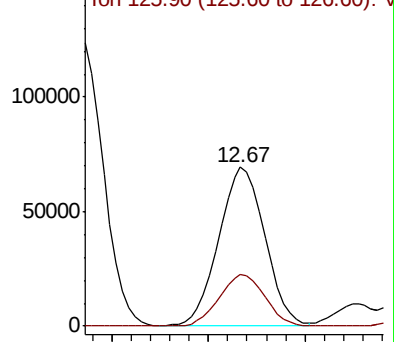
Ion Ratio Lower Upper

91 100

126 32.2 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN061014.D (-3388) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.027 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN061014.D

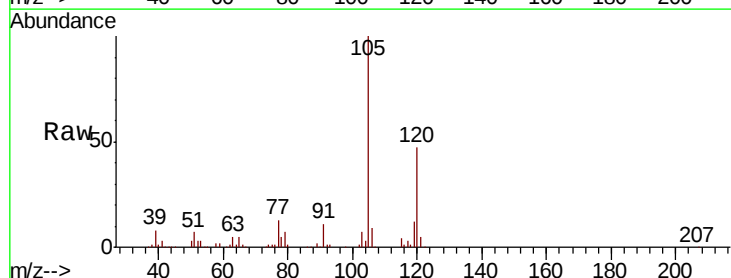
Acq: 16 Apr 2020 16:18

Tgt Ion:105 Resp: 140617

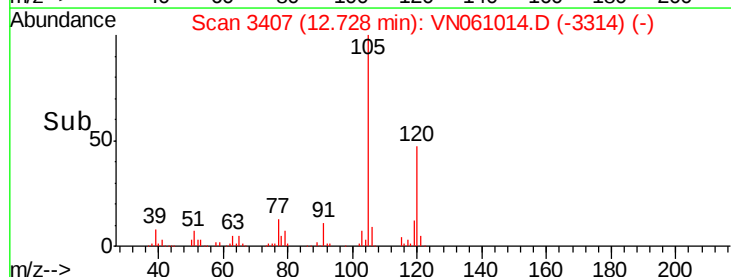
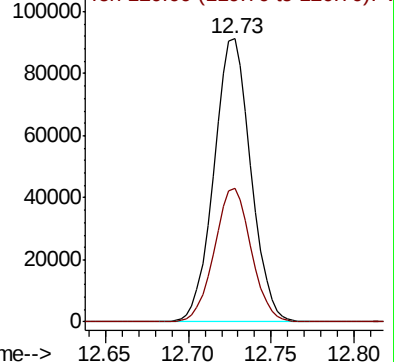
Ion Ratio Lower Upper

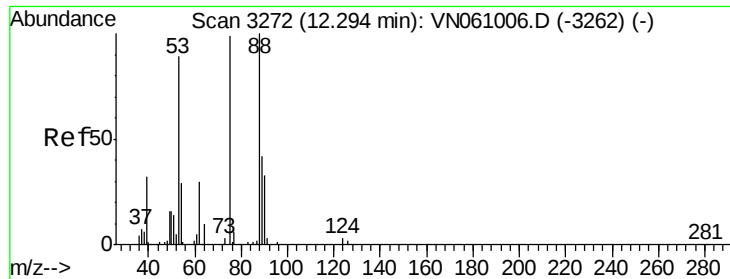
105 100

120 47.1 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): VN061014.D (-3407) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.209 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

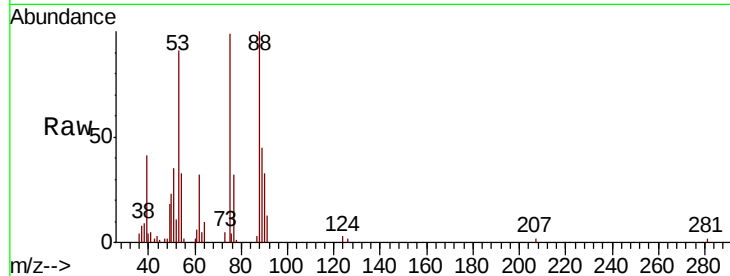
Tot Ion: 75 Resp: 18122

Ion	Ratio	Lower	Upper
75	100		
53	92.5	74.7	112.1
89	44.2	34.6	52.0

75 100

53 92.5 74.7 112.1

89 44.2 34.6 52.0

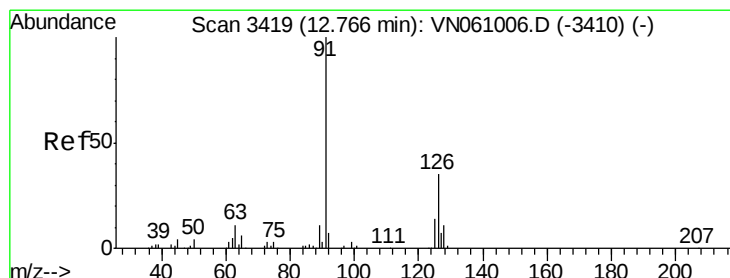
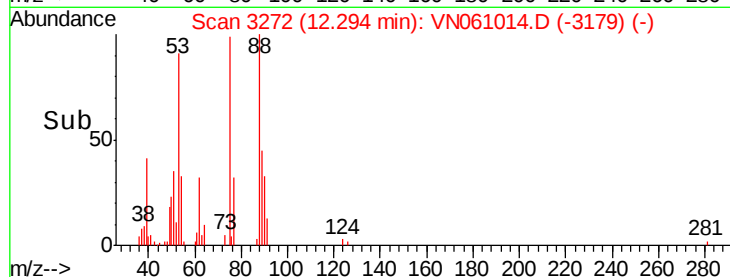
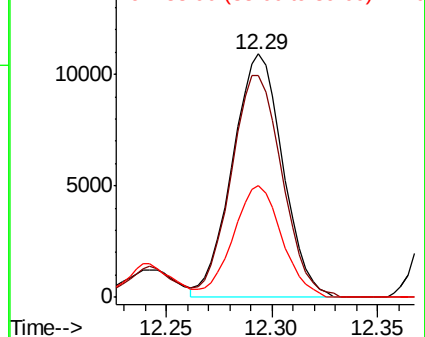


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.898 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN061014.D

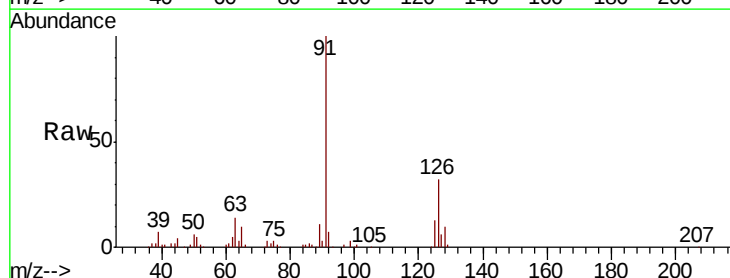
Acq: 16 Apr 2020 16:18

Tgt Ion: 91 Resp: 120247

Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.9	47.6

91 100

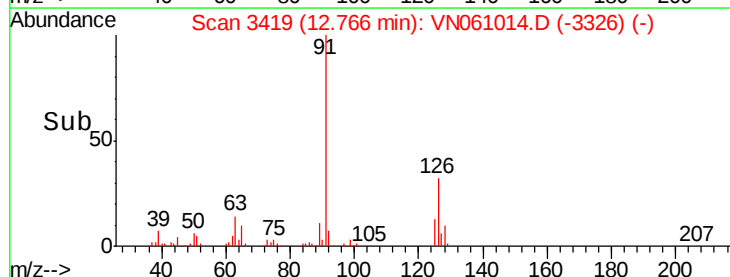
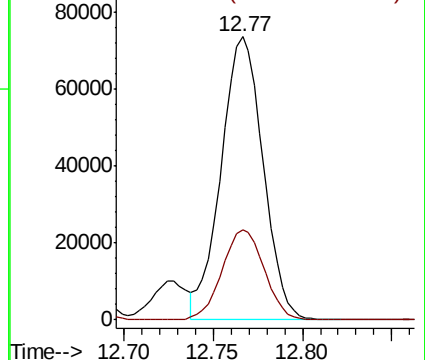
126 31.8 15.9 47.6

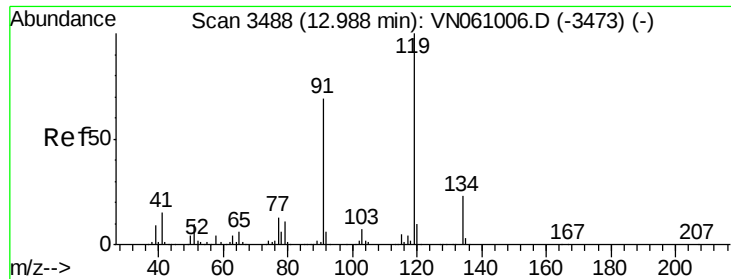


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

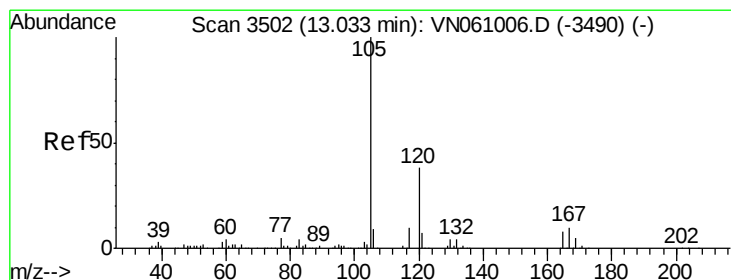
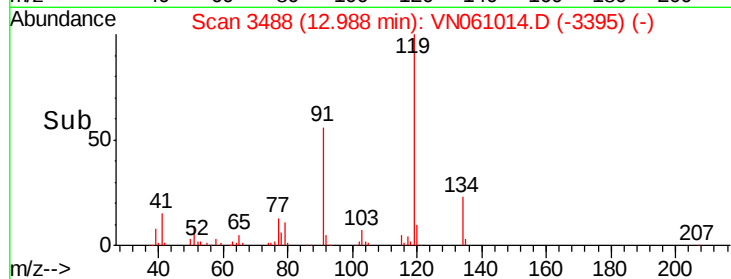
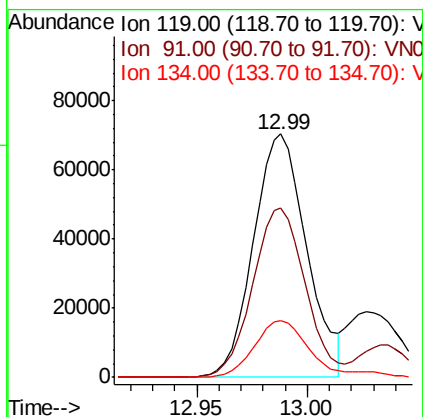
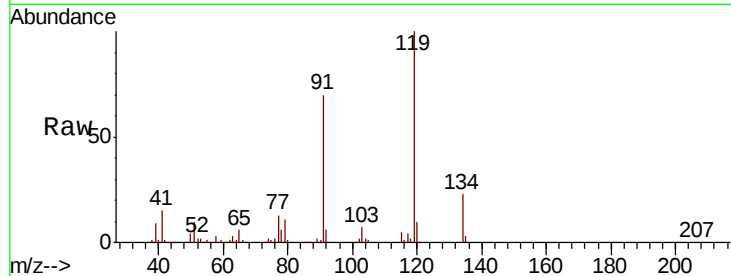




#83
tert-Butylbenzene
Concen: 18.973 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

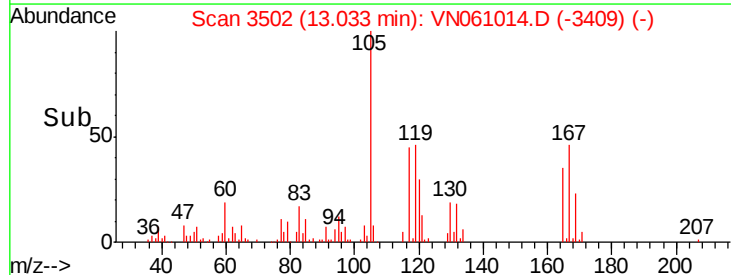
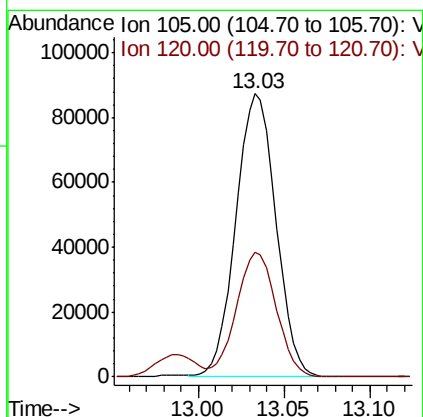
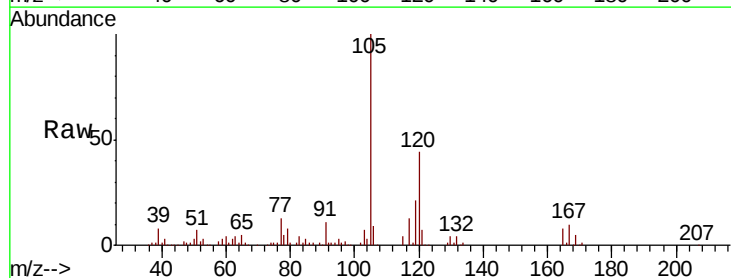
Instrument :
MSVOA_N
ClientSampled :

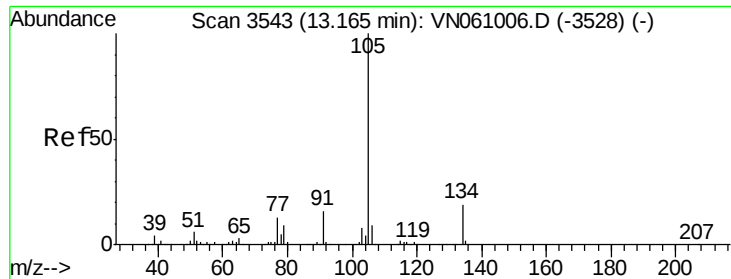
Tot Ion:119 Resp: 117920
Ion Ratio Lower Upper
119 100
91 68.8 34.1 102.3
134 23.6 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 19.394 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Tgt Ion:105 Resp: 141680
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.5





#85

sec-Butylbenzene

Concen: 18.872 ug/l

RT: 13.16 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

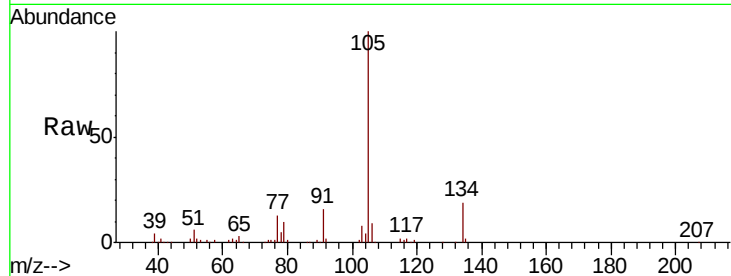
ClientSampled :

Tot Ion:105 Resp: 158927

Ion Ratio Lower Upper

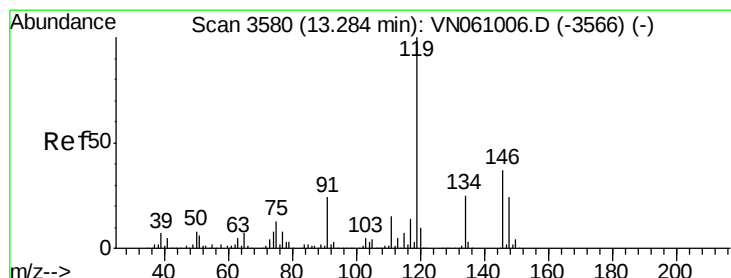
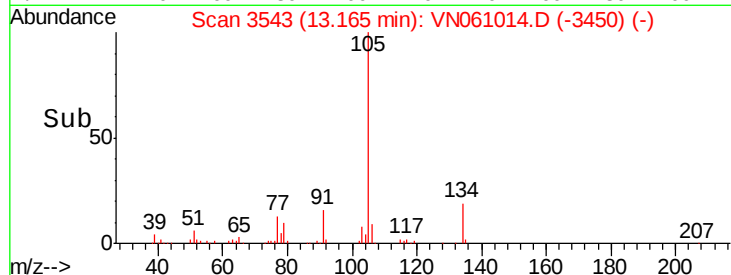
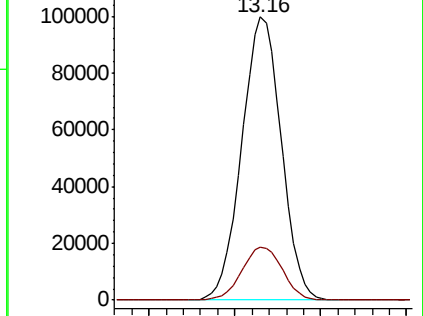
105 100

134 19.2 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: 19.033 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

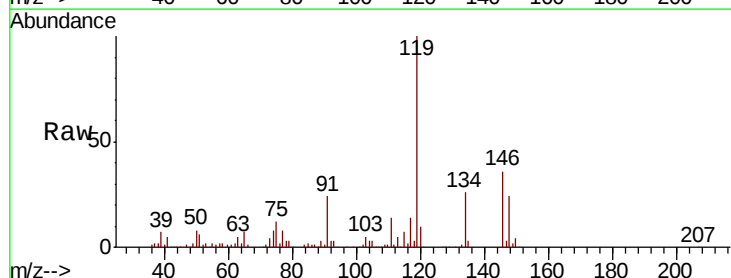
Tgt Ion:119 Resp: 142726

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

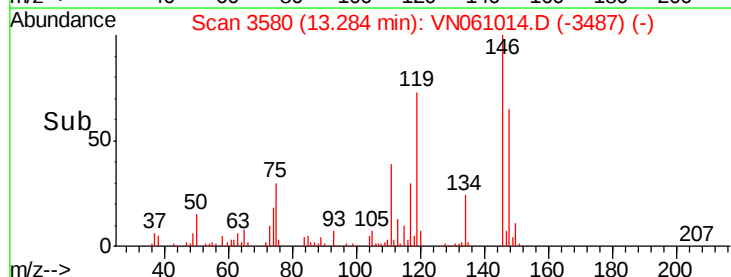
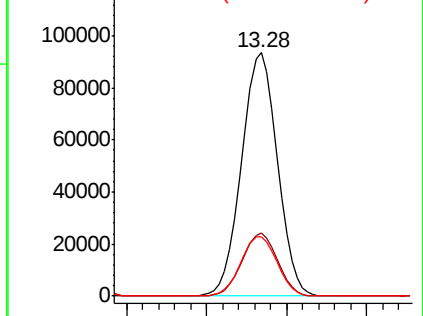
91 24.7 12.3 36.8

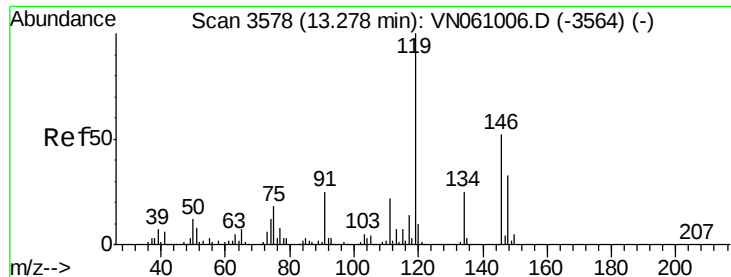


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.828 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

ClientSampled :

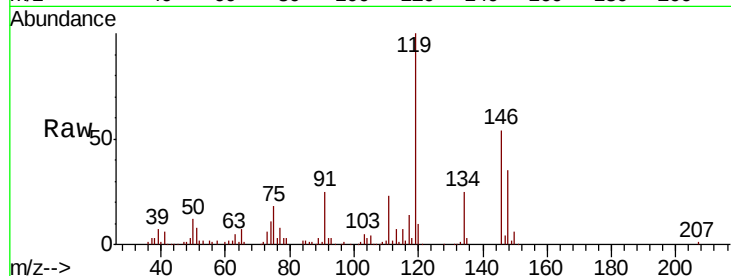
Tot Ion:146 Resp: 70045

Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.8

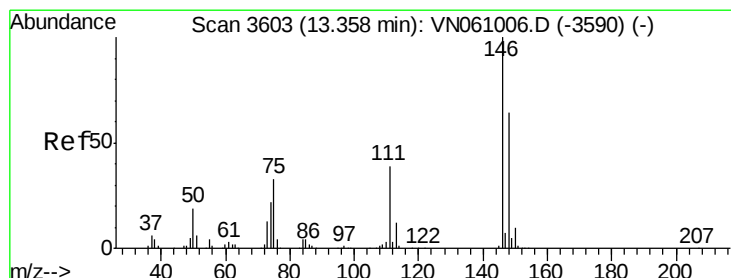
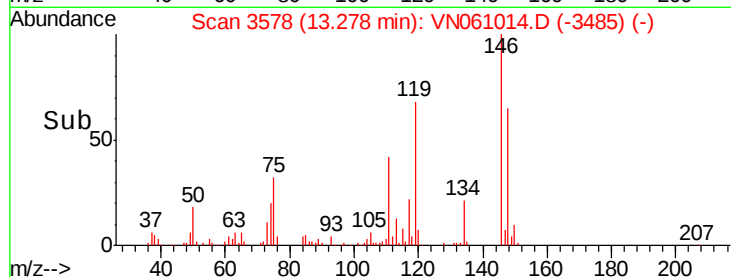
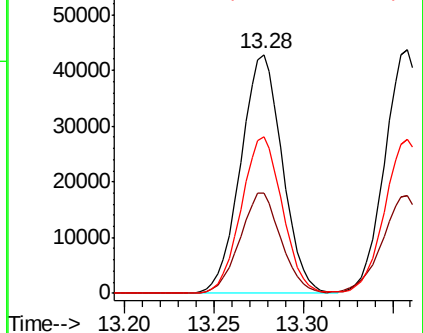
148 64.5 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.952 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

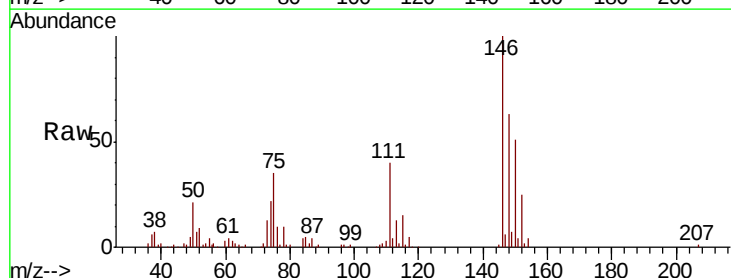
Tgt Ion:146 Resp: 70933

Ion Ratio Lower Upper

146 100

111 42.0 20.1 60.3

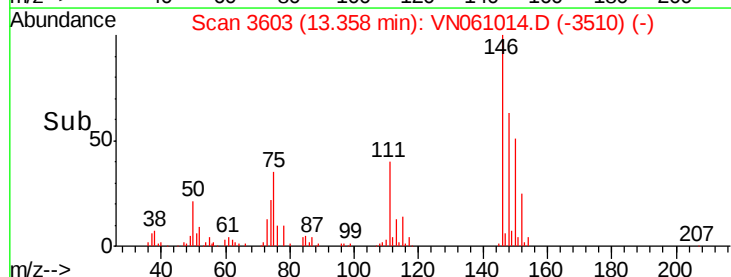
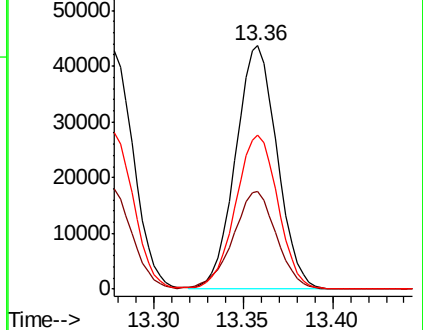
148 64.3 32.1 96.3

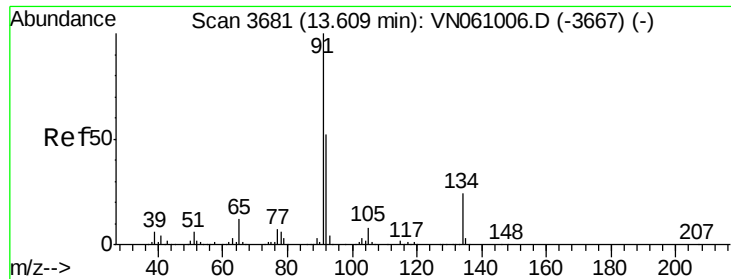


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

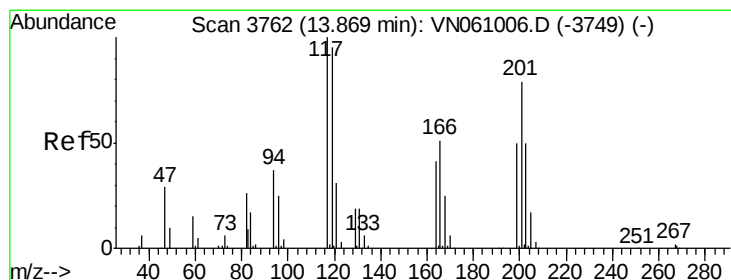
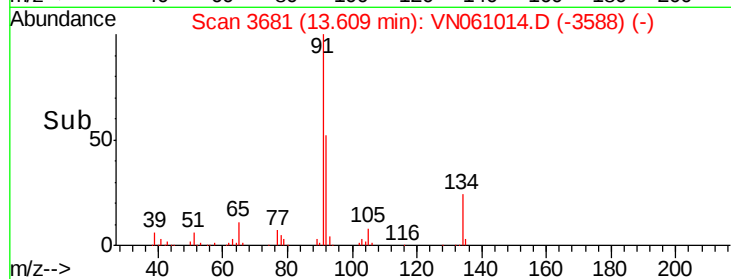
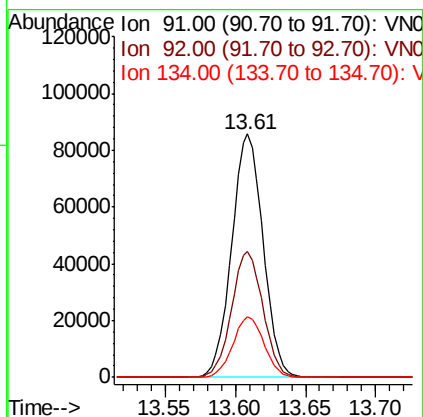
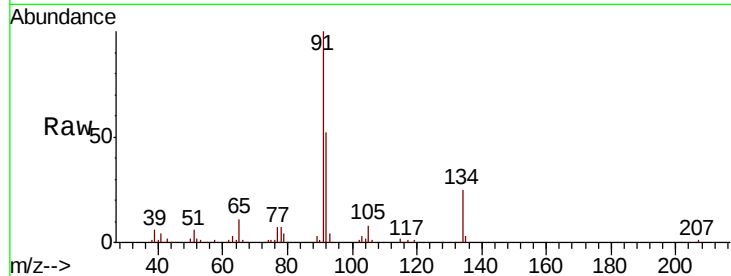




#89
n-Butylbenzene
Concen: 19.175 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

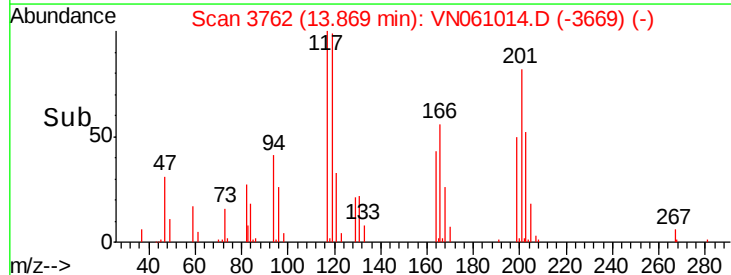
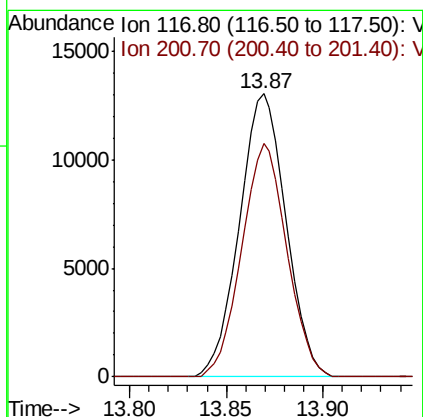
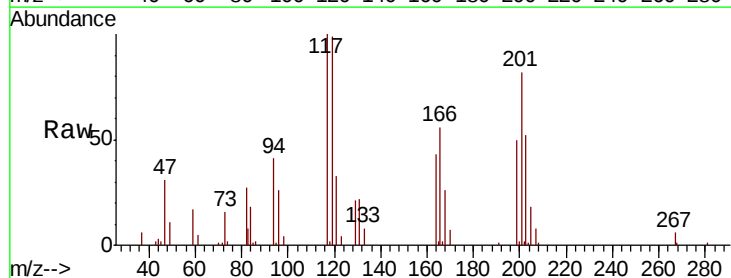
Instrument :
MSVOA_N
ClientSampled :

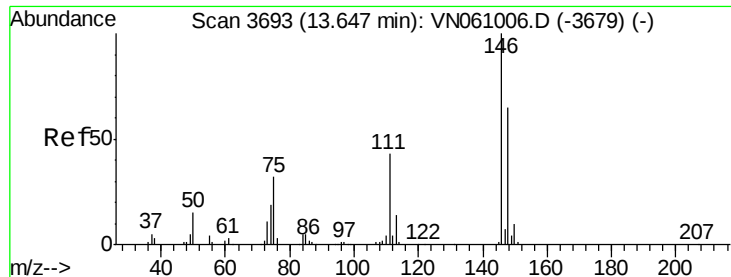
Tot Ion: 91 Resp: 133710
Ion Ratio Lower Upper
91 100
92 51.4 26.1 78.2
134 24.6 12.3 36.8



#90
Hexachloroethane
Concen: 18.943 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN061014.D
Acq: 16 Apr 2020 16:18

Tgt Ion: 117 Resp: 21794
Ion Ratio Lower Upper
117 100
201 79.9 39.3 117.9





#91

1,2-Dichlorobenzene

Concen: 19.097 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

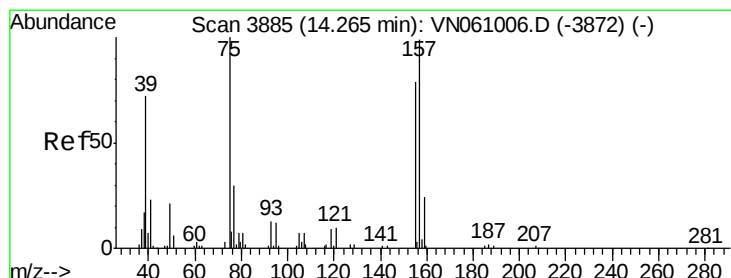
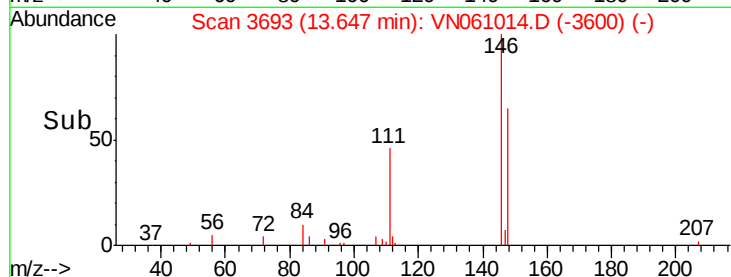
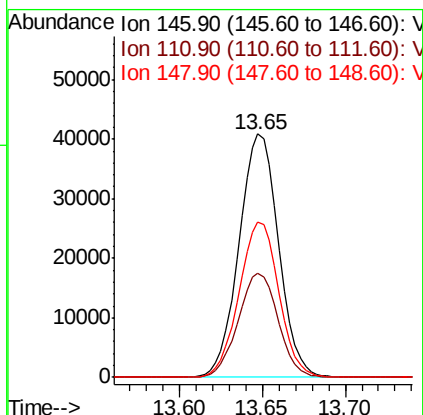
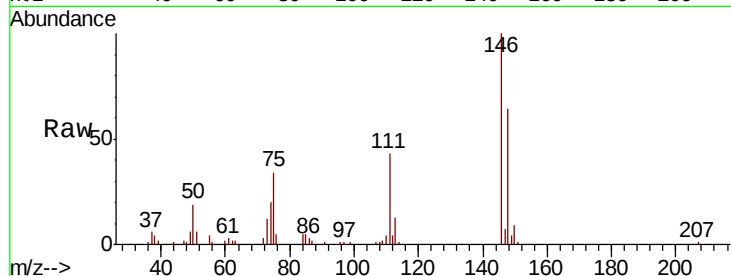
Tot Ion:146 Resp: 67808

Ion Ratio Lower Upper

146 100

111 43.1 21.3 64.0

148 64.0 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.662 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

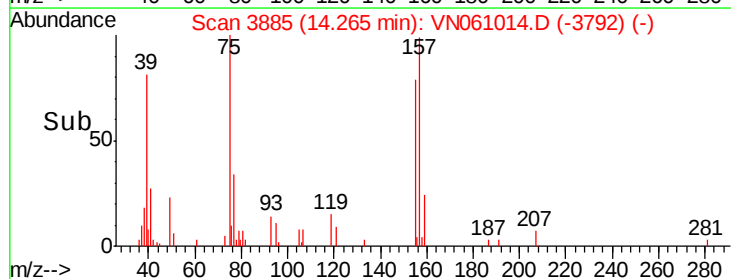
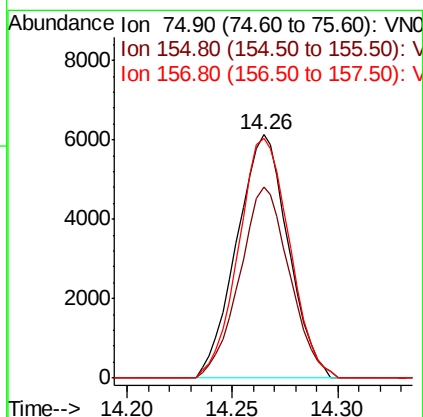
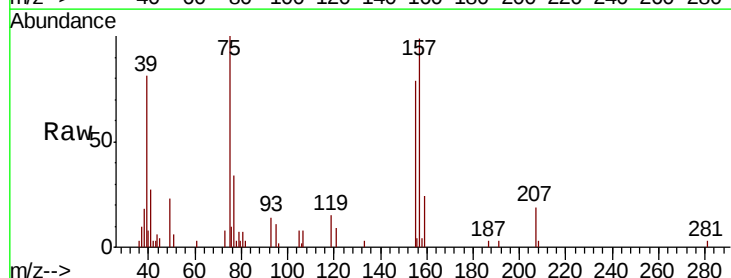
Tgt Ion: 75 Resp: 10386

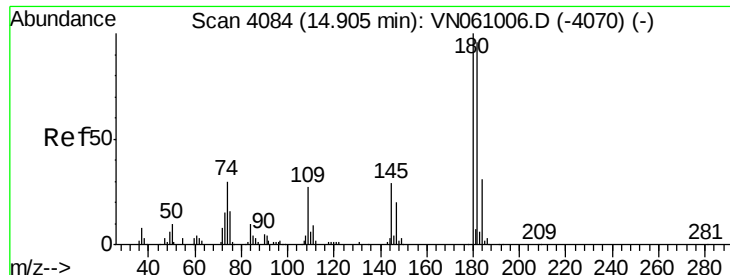
Ion Ratio Lower Upper

75 100

155 76.4 39.5 118.5

157 97.3 50.1 150.4

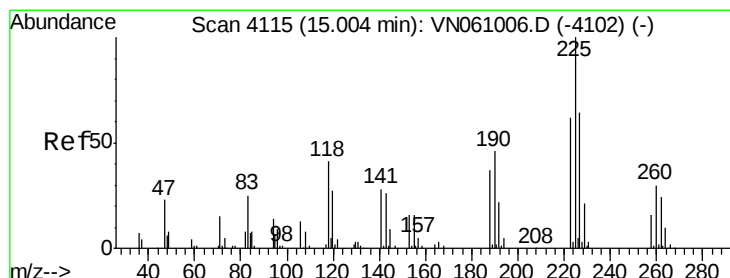
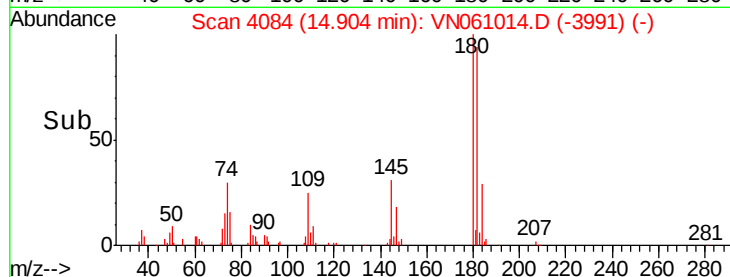
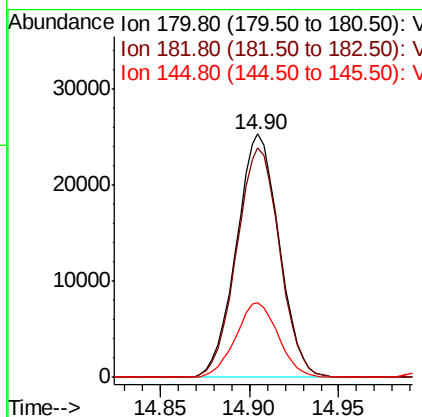
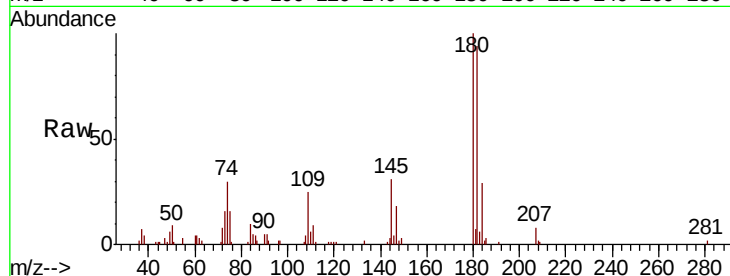




#93
 1,2,4-Trichlorobenzene
 Concen: 20.093 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN061014.D
 Acq: 16 Apr 2020 16:18

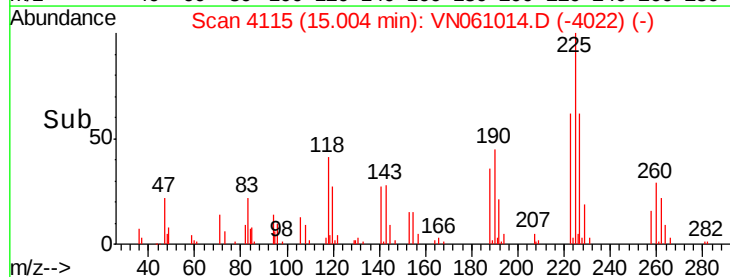
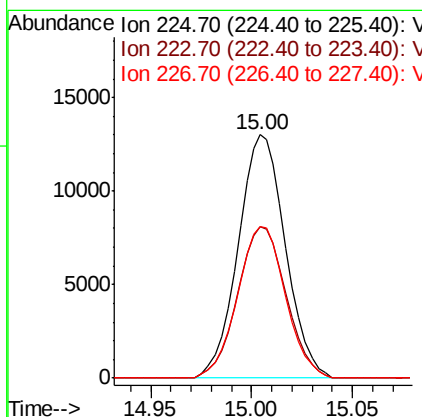
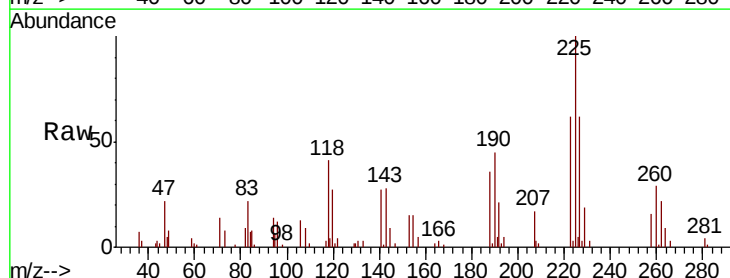
Instrument :
 MSVOA_N
 ClientSampleId :

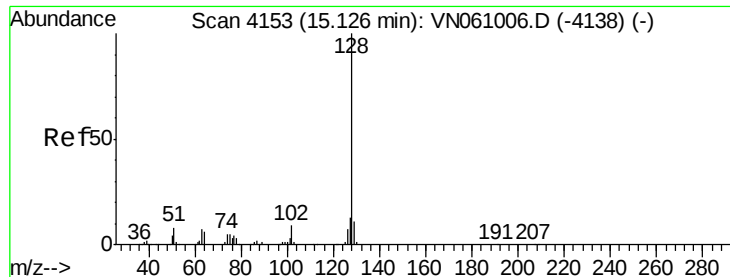
Tot Ion:180 Resp: 42228
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.8 143.3
 145 30.4 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 19.648 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN061014.D
 Acq: 16 Apr 2020 16:18

Tgt Ion:225 Resp: 21242
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.3 93.8
 227 63.2 31.9 95.5





#95

Naphthalene

Concen: 19.682 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

Instrument :

MSVOA_N

ClientSampleId :

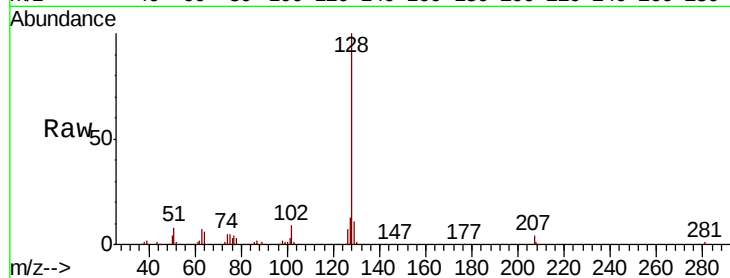
Tot Ion:128 Resp: 120633

Ion Ratio Lower Upper

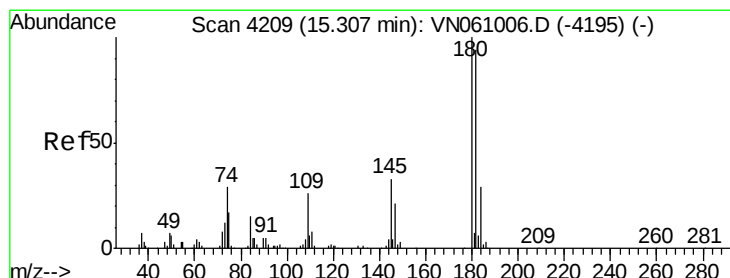
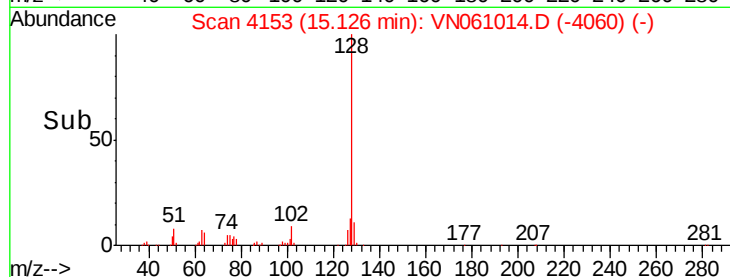
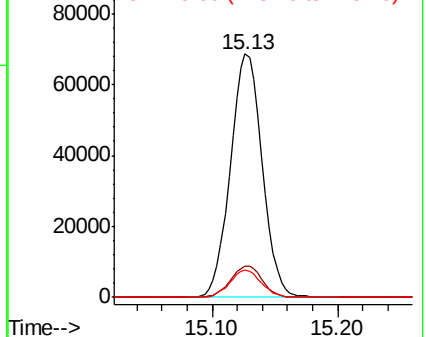
128 100

127 12.8 10.2 15.4

129 10.9 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 20.075 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN061014.D

Acq: 16 Apr 2020 16:18

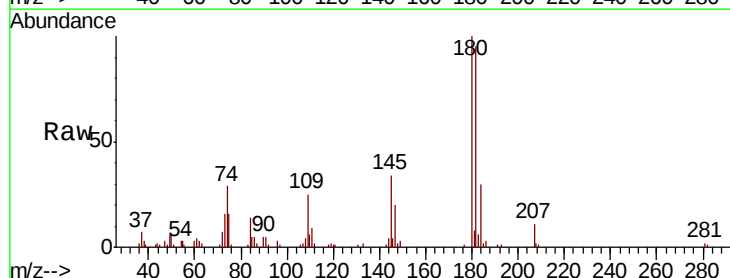
Tgt Ion:180 Resp: 40658

Ion Ratio Lower Upper

180 100

182 94.7 47.6 142.8

145 33.1 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

