

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061007.D
 Acq On : 16 Apr 2020 12:41
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 16 13:12:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 16 12:43:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	172481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	289220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	264588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128208	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	208634	90.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	180.60%	
35) Dibromofluoromethane	7.56	113	165398	96.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.16%	
50) Toluene-d8	10.08	98	603194	87.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	175.12%	
62) 4-Bromofluorobenzene	12.39	95	243959	95.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	228345	129.049	ug/l	100
3) Chloromethane	2.03	50	305994	97.966	ug/l	99
4) Vinyl Chloride	2.17	62	258573	105.071	ug/l	100
5) Bromomethane	2.53	94	124963	113.910	ug/l	98
6) Chloroethane	2.68	64	152026	107.221	ug/l	98
7) Trichlorofluoromethane	3.00	101	318877	104.834	ug/l	99
8) Diethyl Ether	3.38	74	125380	103.066	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	182260	103.995	ug/l	99
10) Methyl Iodide	3.92	142	169234	107.381	ug/l	100
11) Tert butyl alcohol	4.72	59	193838	543.365	ug/l	100
12) 1,1-Dichloroethene	3.71	96	186842	99.786	ug/l	99
13) Acrolein	3.57	56	164001	441.430	ug/l	100
14) Allyl chloride	4.29	41	345614	103.719	ug/l	98
15) Acrylonitrile	4.94	53	563194	544.740	ug/l	99
16) Acetone	3.77	43	474451	544.800	ug/l	100
17) Carbon Disulfide	4.03	76	581364	101.812	ug/l	99
18) Methyl Acetate	4.28	43	314781	126.673	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	649866	100.618	ug/l	99
20) Methylene Chloride	4.52	84	210288	101.513	ug/l	100
21) trans-1,2-Dichloroethene	5.00	96	201443	100.957	ug/l	98
22) Diisopropyl ether	5.91	45	739410	105.559	ug/l	98
23) Vinyl Acetate	5.85	43	2955601	520.037	ug/l	100
24) 1,1-Dichloroethane	5.82	63	396356	103.838	ug/l	100
25) 2-Butanone	6.79	43	767729	554.377	ug/l	100
26) 2,2-Dichloropropane	6.79	77	332275	108.938	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	229161	100.786	ug/l	99
28) Bromochloromethane	7.17	49	177607	97.760	ug/l	98
29) Tetrahydrofuran	7.18	42	518420	533.693	ug/l	100
30) Chloroform	7.34	83	370108	101.424	ug/l	99
31) Cyclohexane	7.63	56	386533	99.961	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	322307	102.849	ug/l	100
36) 1,1-Dichloropropene	7.77	75	299708	106.179	ug/l	100
37) Ethyl Acetate	6.89	43	320835	104.659	ug/l	99
38) Carbon Tetrachloride	7.75	117	265260	105.509	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	360404	107.022	ug/l	99
40) Benzene	8.02	78	875992	102.920	ug/l	100
41) Methacrylonitrile	7.17	41	461107	352.067	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	300170	103.081	ug/l	100
43) Isopropyl Acetate	8.14	43	540974	107.308	ug/l	100
44) Trichloroethene	8.81	130	217997	102.087	ug/l	100
45) 1,2-Dichloropropane	9.10	63	237712	105.641	ug/l	99
46) Dibromomethane	9.19	93	143211	105.782	ug/l	99
47) Bromodichloromethane	9.38	83	298180	105.608	ug/l	98
48) Methyl methacrylate	9.18	41	249915	111.094	ug/l	98
49) 1,4-Dioxane	9.18	88	65313	2411.025	ug/l	100
51) 4-Methyl-2-Pentanone	9.97	43	1578491	549.261	ug/l	99
52) Toluene	10.14	92	530310	103.272	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	352686	108.672	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	377566	105.797	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	200848	101.678	ug/l	96
56) Ethyl methacrylate	10.42	69	347454	112.684	ug/l	99
57) 1,3-Dichloropropane	10.70	76	359946	104.801	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	798007	542.480	ug/l	100
59) 2-Hexanone	10.74	43	1168215	564.503	ug/l	99
60) Dibromochloromethane	10.89	129	217697	107.047	ug/l	99
61) 1,2-Dibromoethane	10.99	107	212086	107.127	ug/l	99
64) Tetrachloroethene	10.62	164	197980	95.572	ug/l	99
65) Chlorobenzene	11.42	112	544217	103.154	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	195851	102.684	ug/l	99
67) Ethyl Benzene	11.50	91	1026749	104.643	ug/l	99
68) m/p-Xylenes	11.61	106	755842	208.133	ug/l	99
69) o-Xylene	11.94	106	361415	104.276	ug/l	99
70) Styrene	11.96	104	618770	109.042	ug/l	99
71) Bromoform	12.12	173	158743	111.673	ug/l #	99
73) Isopropylbenzene	12.24	105	968381	100.072	ug/l	100
74) N-amyl acetate	12.06	43	477738	106.399	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	305217	103.765	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	421217	151.703	ug/l #	100
77) Bromobenzene	12.52	156	229107	98.631	ug/l	99
78) n-propylbenzene	12.58	91	1166423	101.699	ug/l	100
79) 2-Chlorotoluene	12.67	91	678043	99.330	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	827176	100.651	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	116402	107.112	ug/l	98
82) 4-Chlorotoluene	12.77	91	712133	102.199	ug/l	100
83) tert-Butylbenzene	12.99	119	692403	101.615	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	834373	102.705	ug/l	100
85) sec-Butylbenzene	13.17	105	948894	103.313	ug/l	100
86) p-Isopropyltoluene	13.28	119	854230	103.529	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	416582	101.315	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	419138	101.605	ug/l	99
89) n-Butylbenzene	13.61	91	814614	108.809	ug/l	99
90) Hexachloroethane	13.87	117	133061	110.602	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	397352	101.359	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	64310	97.579	ug/l	99

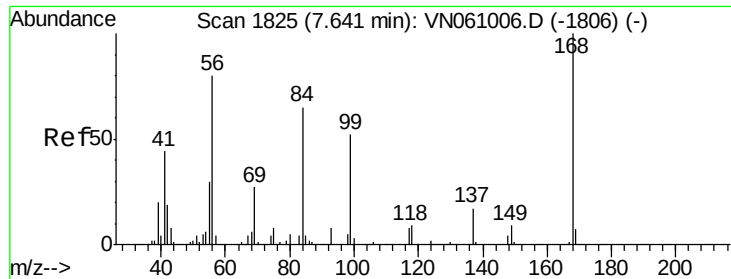
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	255032	105.997	ug/l	99
94) Hexachlorobutadiene	15.00	225	120636	101.428	ug/l	99
95) Naphthalene	15.13	128	751061	104.324	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	241602	101.926	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

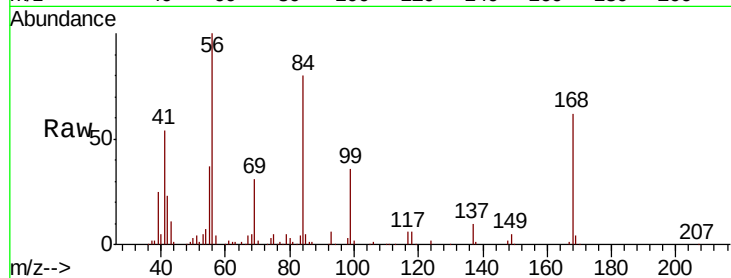
VSTDIC100

Tot Ion:168 Resp: 172481

Ion Ratio Lower Upper

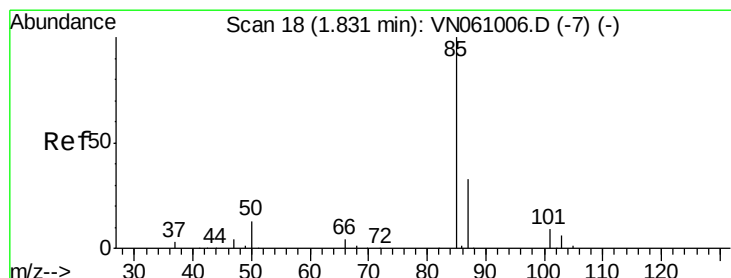
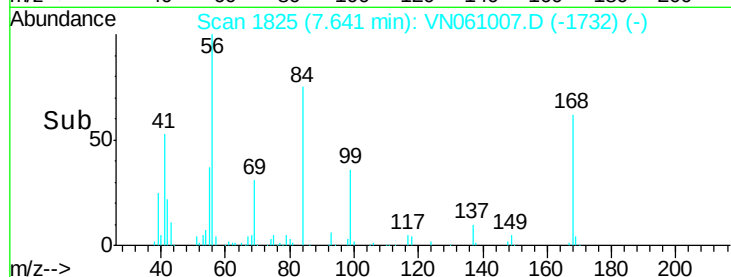
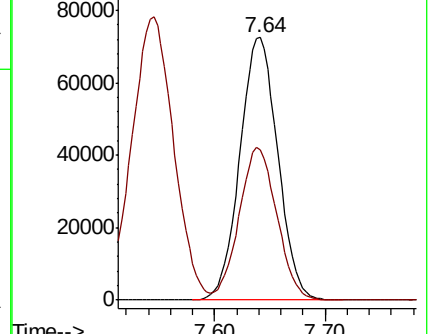
168 100

99 57.4 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: 129.049 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061007.D

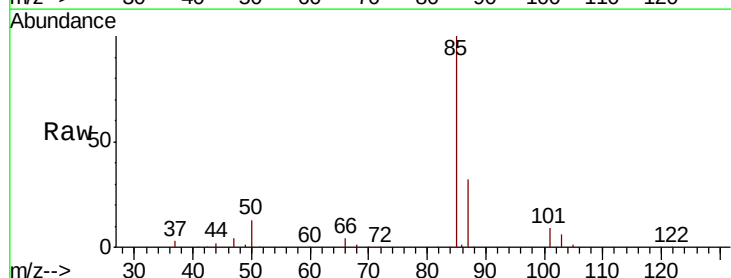
Acq: 16 Apr 2020 12:41

Tgt Ion: 85 Resp: 228345

Ion Ratio Lower Upper

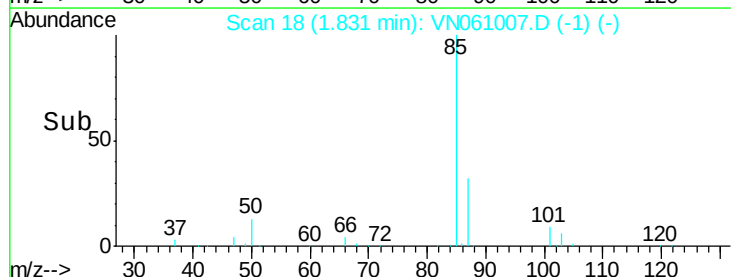
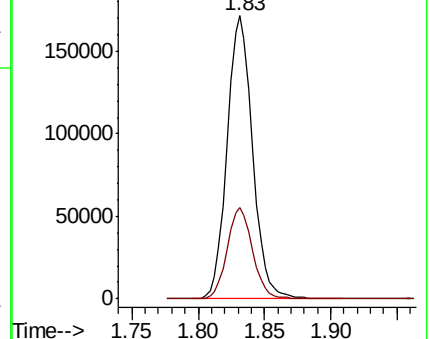
85 100

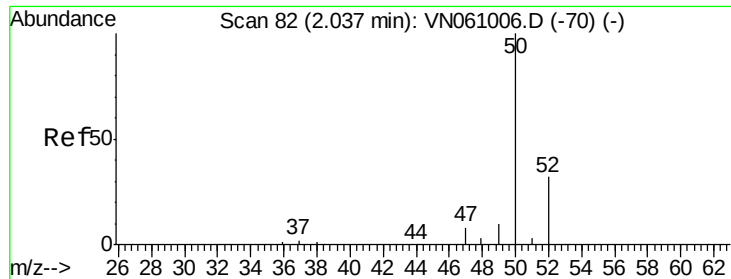
87 32.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 97.966 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

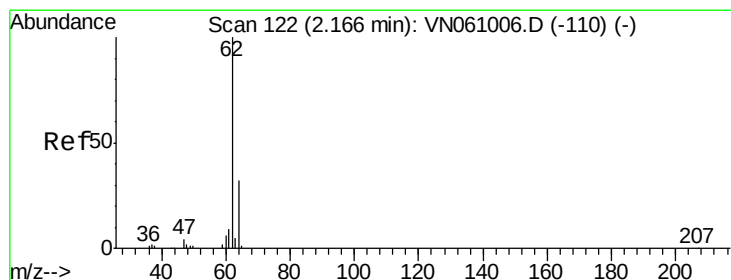
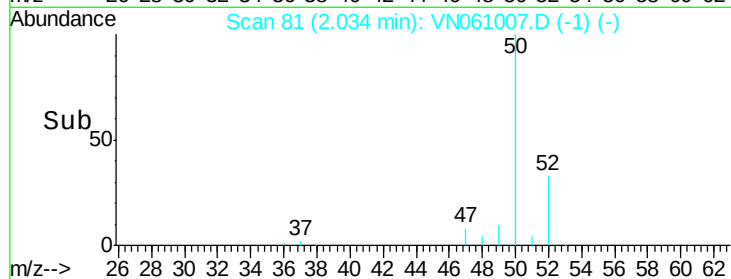
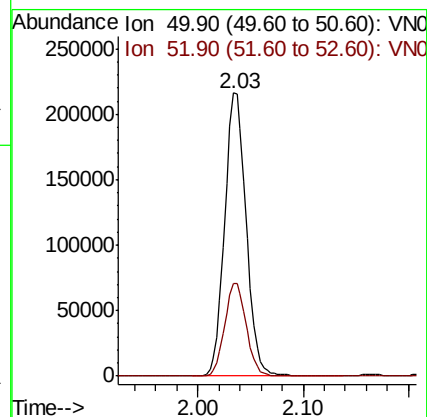
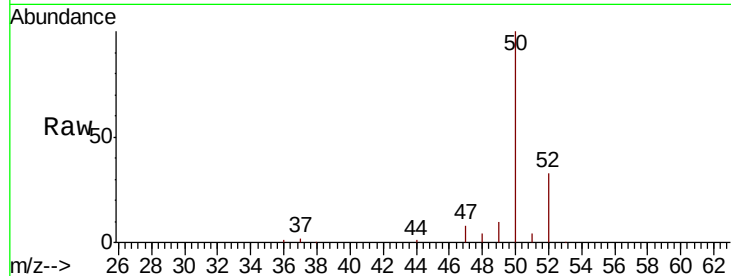
VSTDIC100

Tot Ion: 50 Resp: 305994

Ion Ratio Lower Upper

50 100

52 32.8 25.6 38.4



#4

Vinyl Chloride

Concen: 105.071 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN061007.D

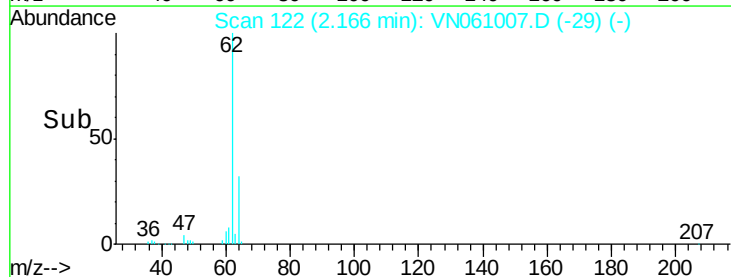
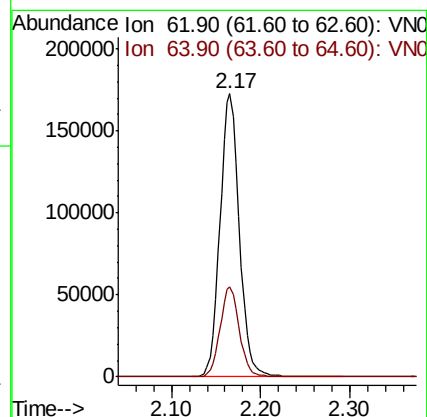
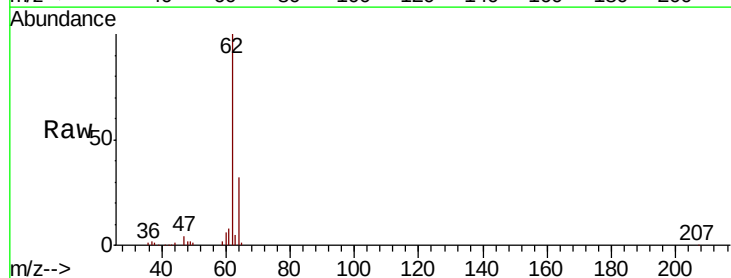
Acq: 16 Apr 2020 12:41

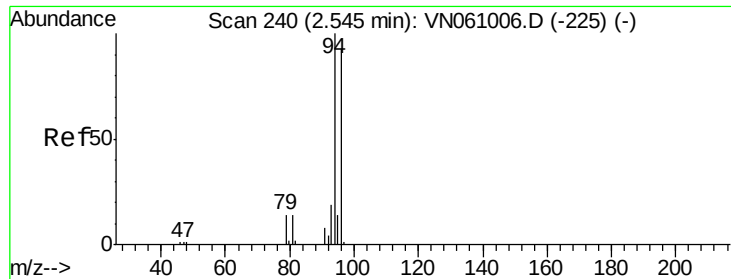
Tgt Ion: 62 Resp: 258573

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.0





#5

Bromomethane

Concen: 113.910 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.02 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

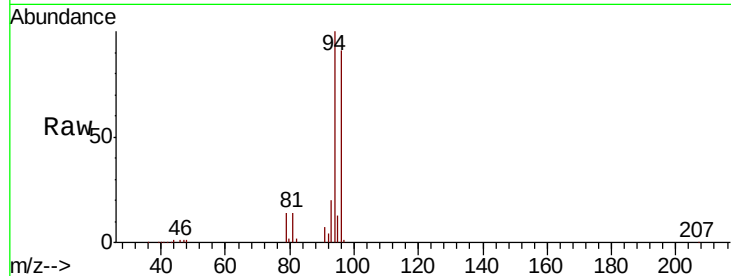
VSTDIC100

Tot Ion: 94 Resp: 124963

Ion Ratio Lower Upper

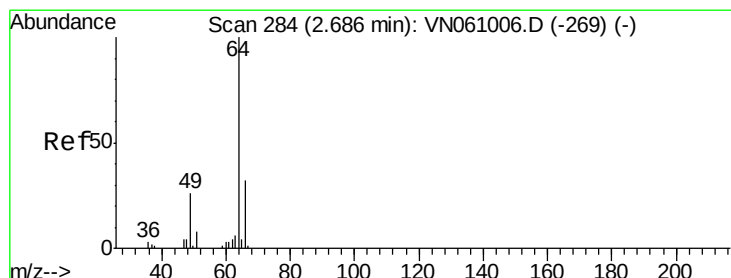
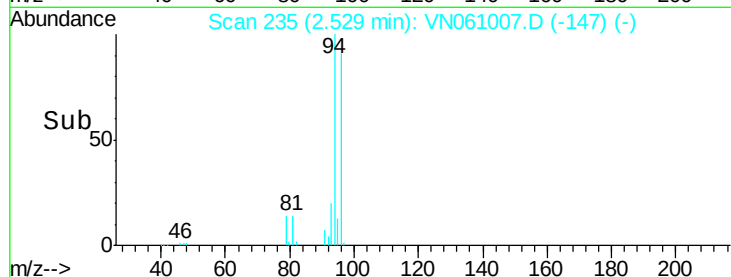
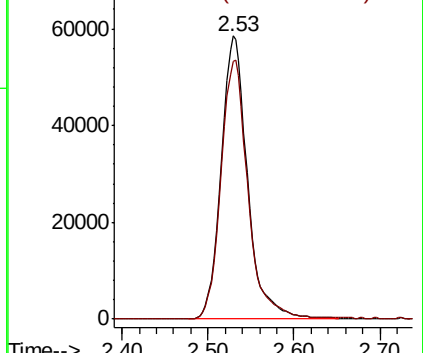
94 100

96 91.2 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 107.221 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.01 min

Lab File: VN061007.D

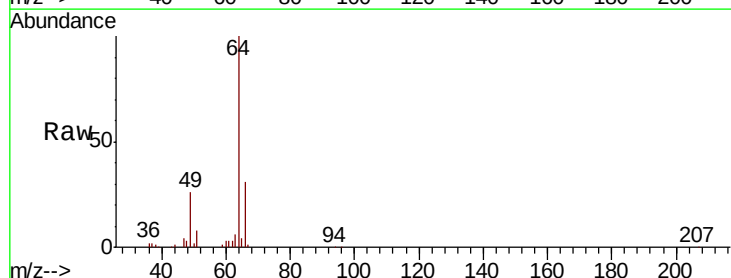
Acq: 16 Apr 2020 12:41

Tgt Ion: 64 Resp: 152026

Ion Ratio Lower Upper

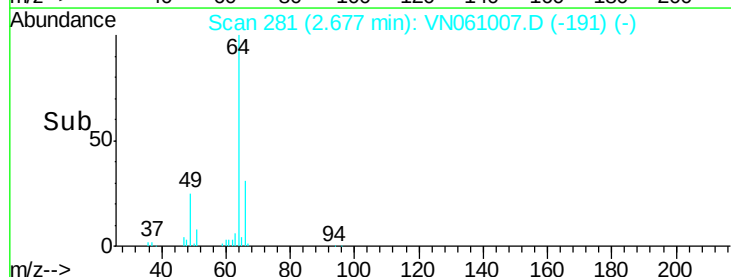
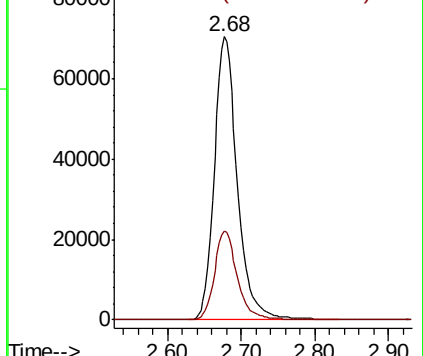
64 100

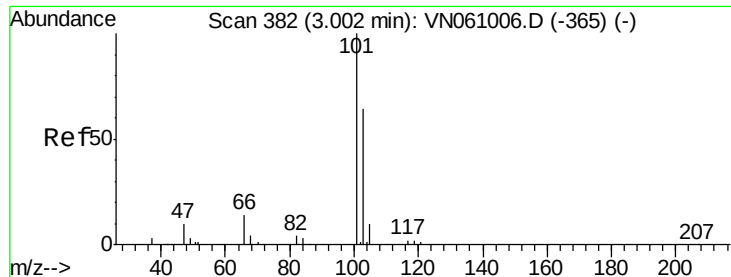
66 31.5 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO



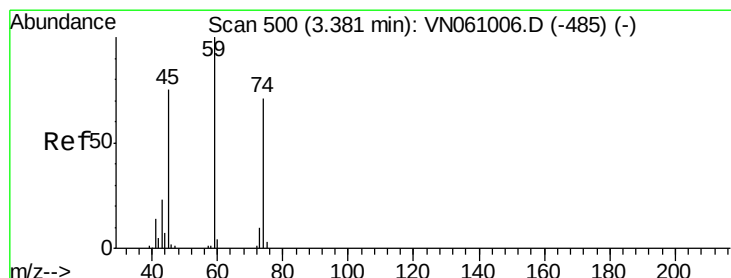
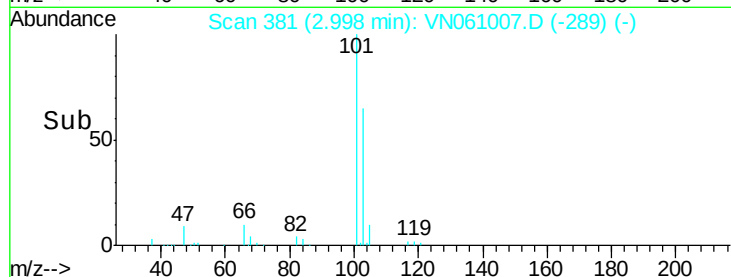
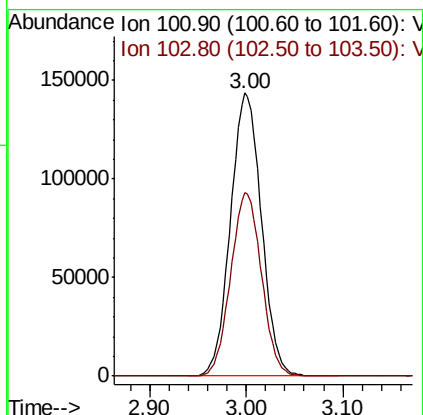
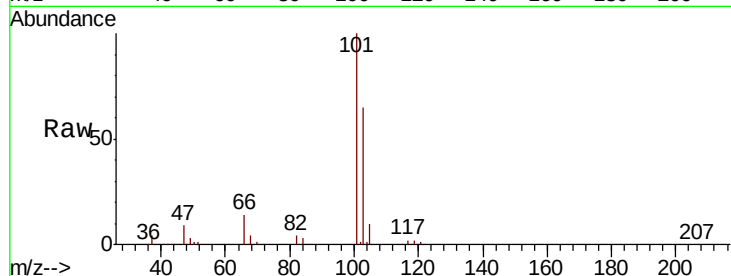


#7

Trichlorofluoromethane
 Concen: 104.834 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

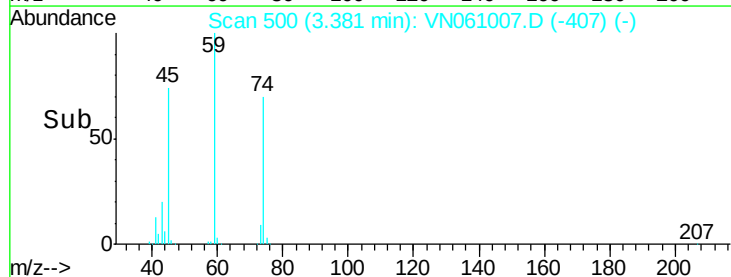
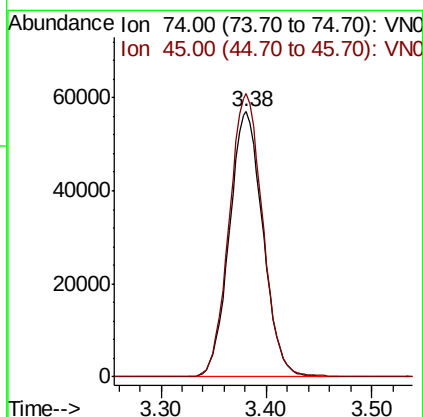
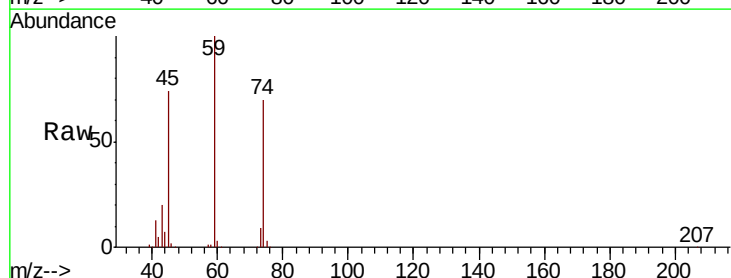
Tot Ion:101 Resp: 318877
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.4 77.2

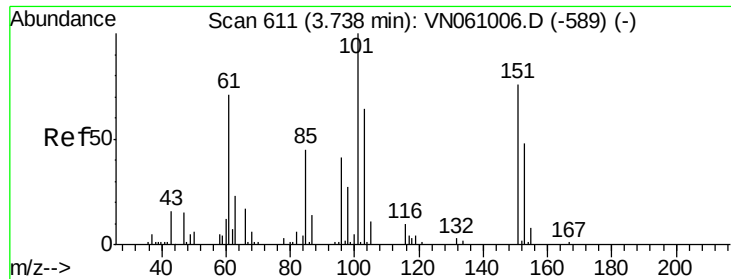


#8

Diethyl Ether
 Concen: 103.066 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

Tgt Ion: 74 Resp: 125380
 Ion Ratio Lower Upper
 74 100
 45 107.0 52.9 158.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 103.995 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

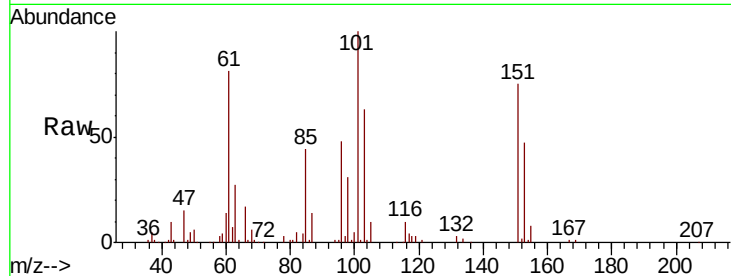
Tot Ion:101 Resp: 182260

Ion Ratio Lower Upper

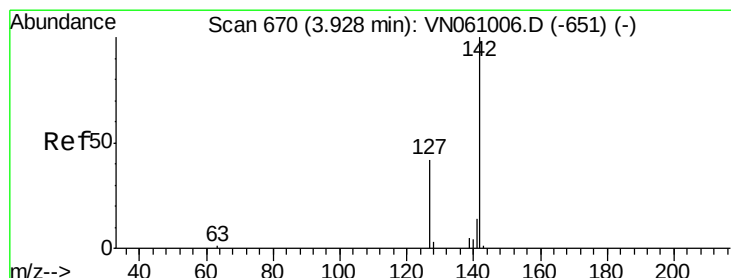
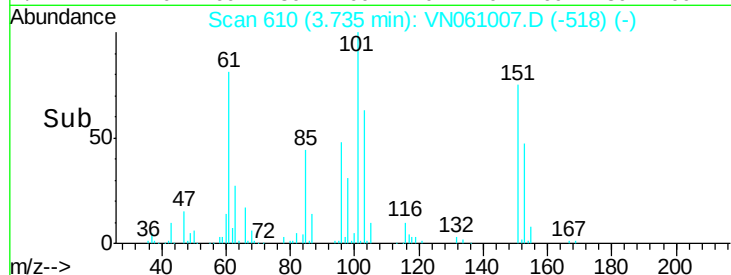
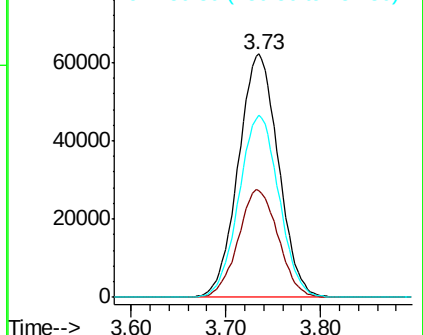
101 100

85 44.1 35.9 53.9

151 75.2 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: 107.381 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

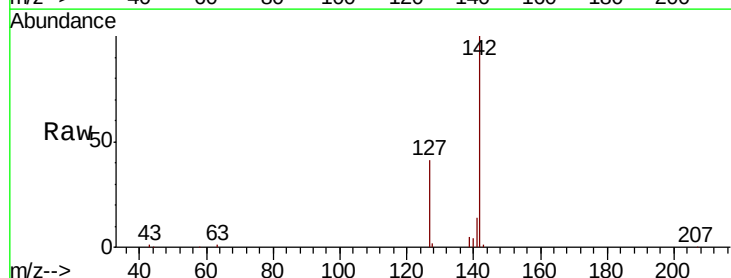
Tgt Ion:142 Resp: 169234

Ion Ratio Lower Upper

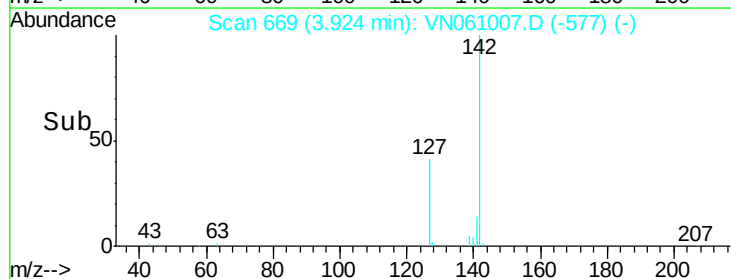
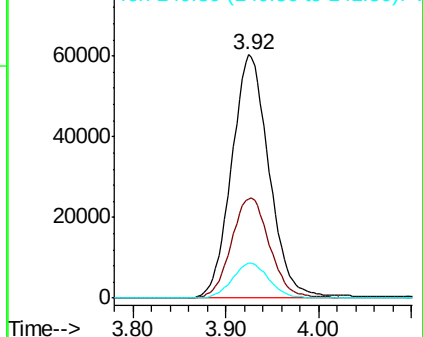
142 100

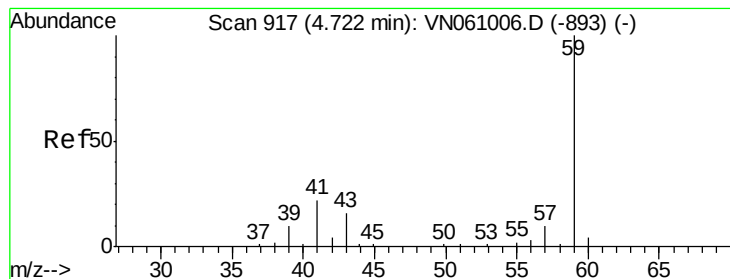
127 42.0 33.4 50.2

141 14.1 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: 543.365 ug/l

RT: 4.72 min Scan# 917

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

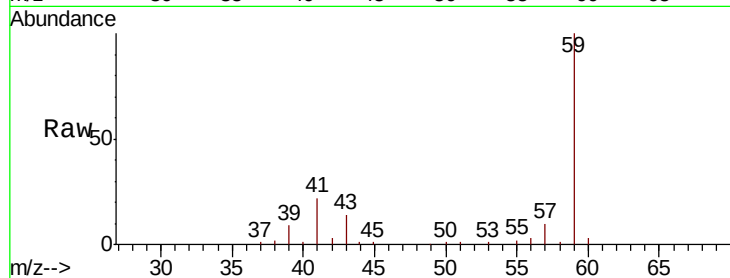
VSTDIC100

Tot Ion: 59 Resp: 193838

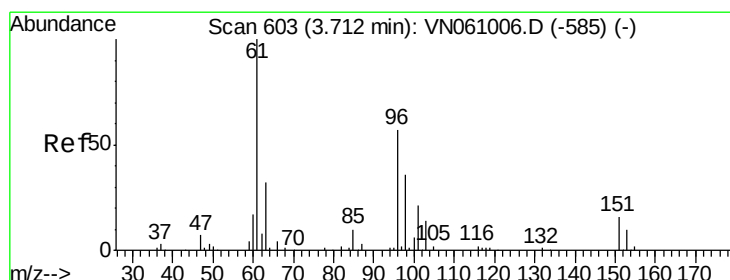
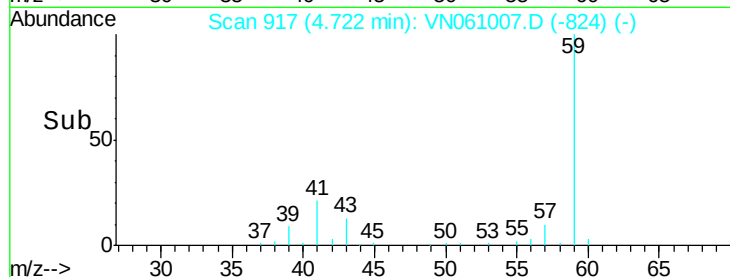
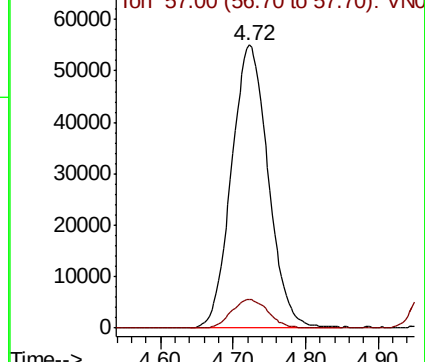
Ion Ratio Lower Upper

59 100

57 10.1 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VN061007.D (-824) (-)



#12

1,1-Dichloroethene

Concen: 99.786 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

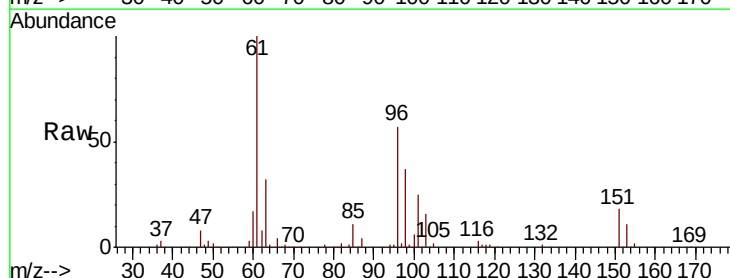
Tgt Ion: 96 Resp: 186842

Ion Ratio Lower Upper

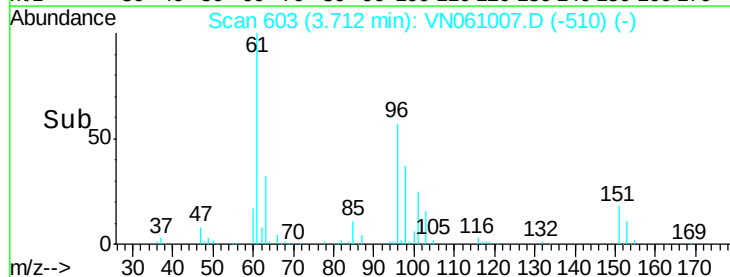
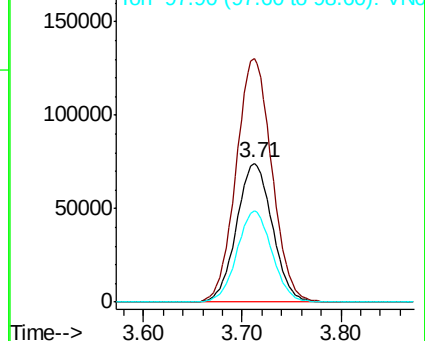
96 100

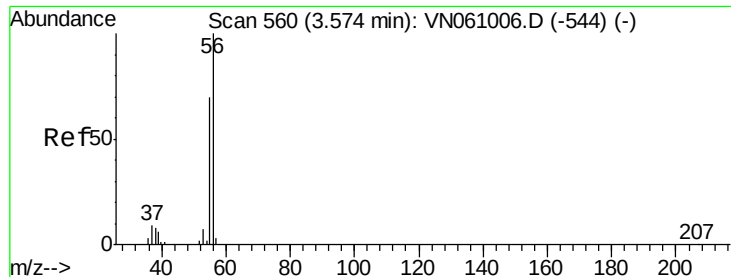
61 174.8 139.2 208.8

98 65.4 50.0 75.0



Abundance Ion 95.90 (95.60 to 96.60): VN061007.D (-510) (-)





#13

Acrolein

Concen: 441.430 ug/l

RT: 3.57 min Scan# 559

Delta R.T. -0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

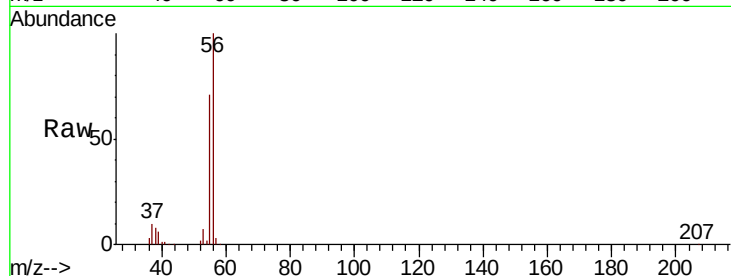
VSTDIC100

Tot Ion: 56 Resp: 164001

Ion Ratio Lower Upper

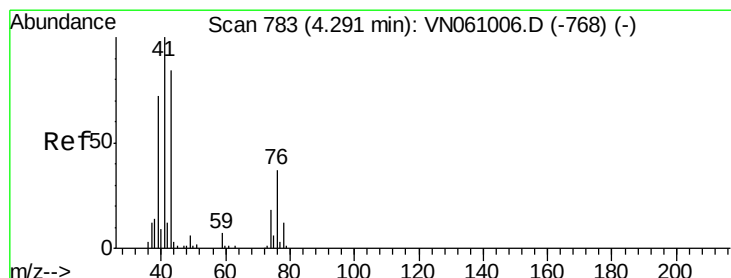
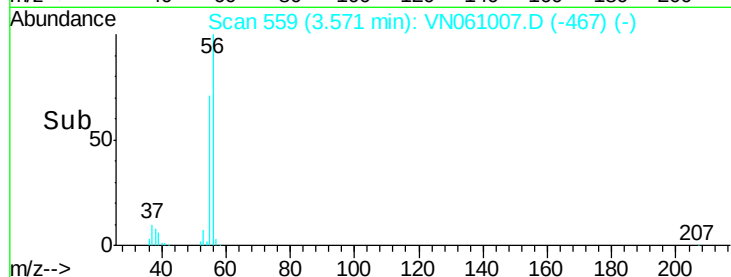
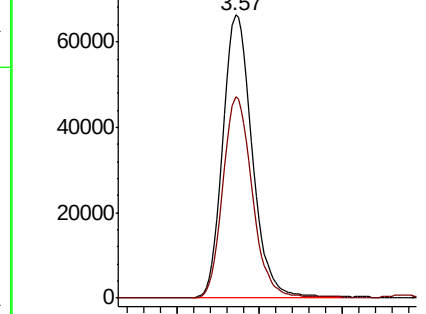
56 100

55 71.0 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VN061007.D (-467) (-)

Ion 55.00 (54.70 to 55.70): VN061007.D (-467) (-)



#14

Allyl chloride

Concen: 103.719 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

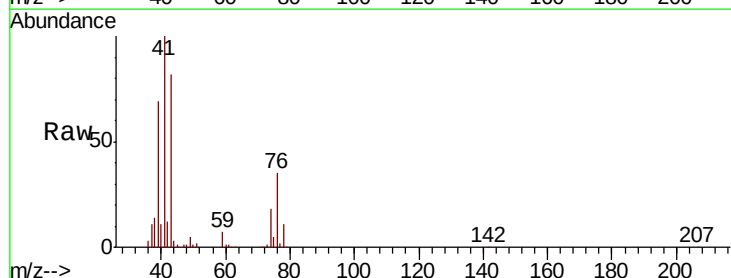
Tgt Ion: 41 Resp: 345614

Ion Ratio Lower Upper

41 100

39 68.5 56.3 84.5

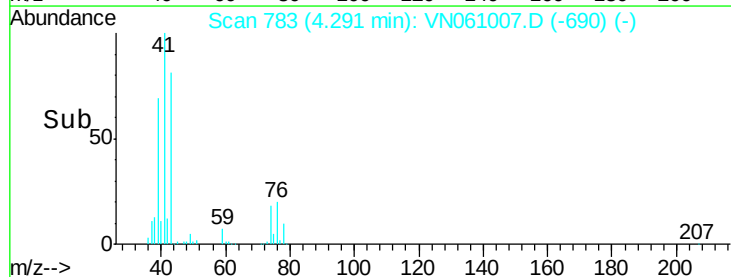
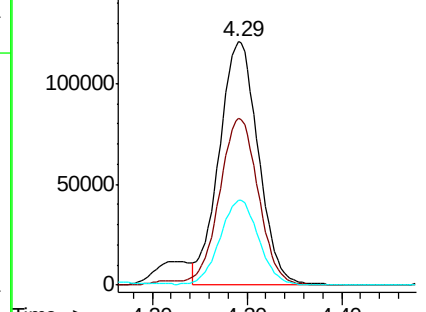
76 34.8 27.7 41.5

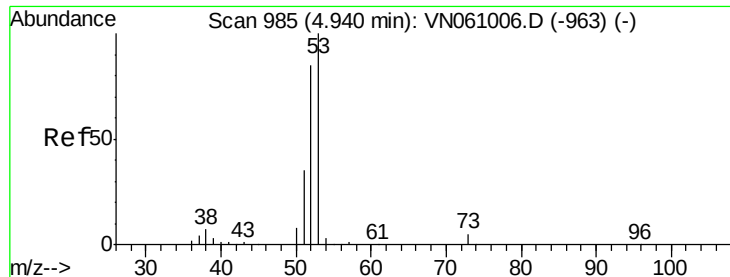


Abundance Ion 41.00 (40.70 to 41.70): VN061007.D (-690) (-)

Ion 39.00 (38.70 to 39.70): VN061007.D (-690) (-)

Ion 75.90 (75.60 to 76.60): VN061007.D (-690) (-)





#15

Acrylonitrile

Concen: 544.740 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

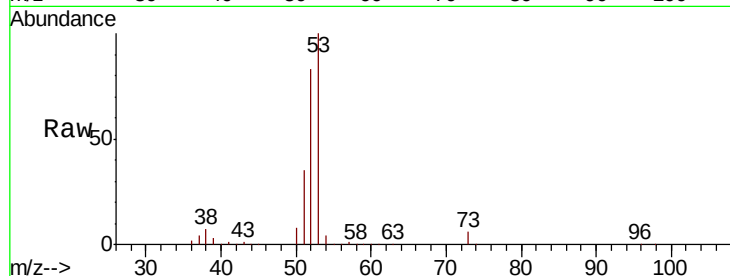
Tot Ion: 53 Resp: 563194

Ion Ratio Lower Upper

53 100

52 82.3 66.8 100.2

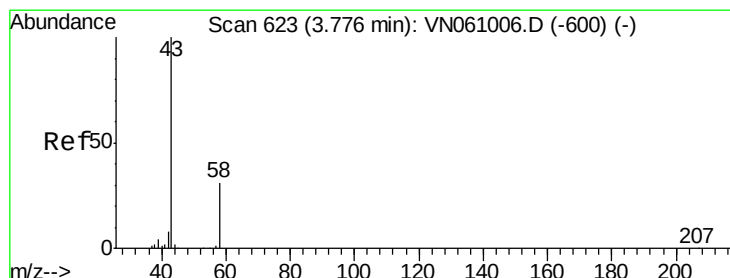
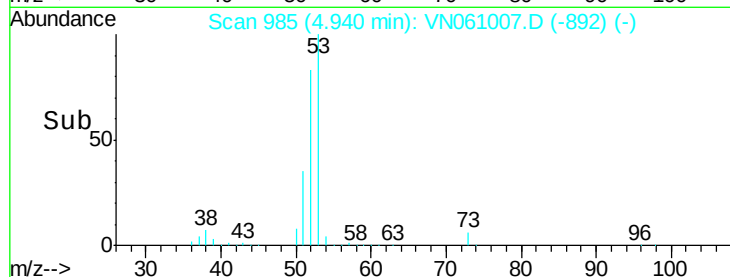
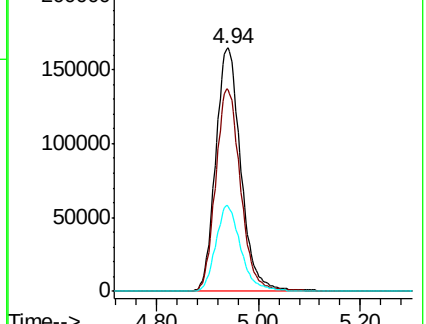
51 35.2 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN061007.D (-892) (-)

Ion 52.00 (51.70 to 52.70): VN061007.D (-892) (-)

Ion 51.00 (50.70 to 51.70): VN061007.D (-892) (-)



#16

Acetone

Concen: 544.800 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061007.D

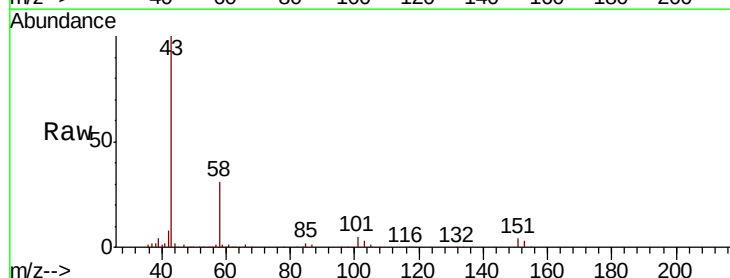
Acq: 16 Apr 2020 12:41

Tgt Ion: 43 Resp: 474451

Ion Ratio Lower Upper

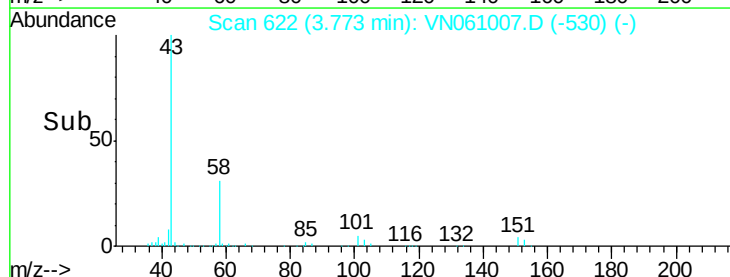
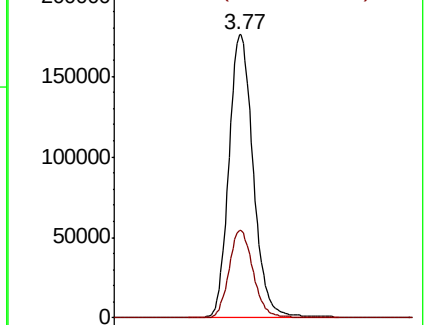
43 100

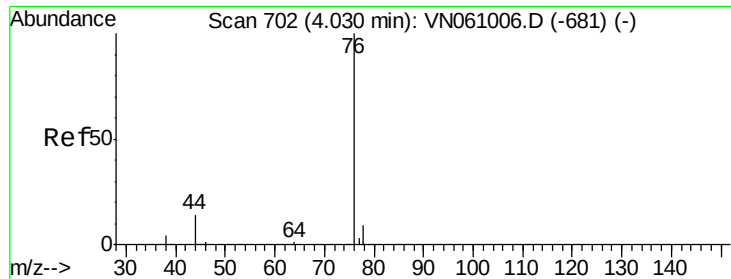
58 31.0 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061007.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN061007.D (-530) (-)

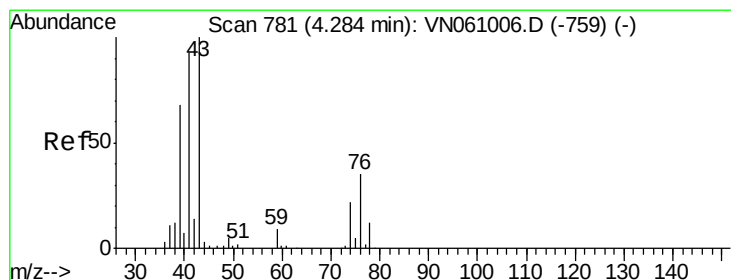
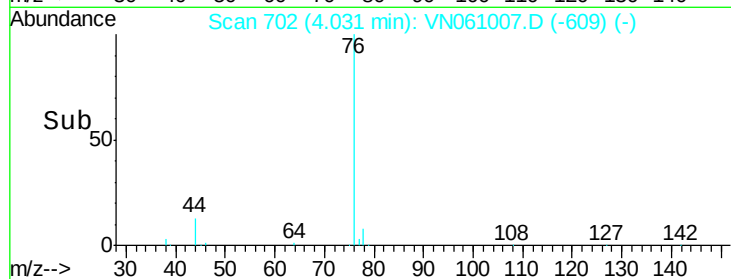
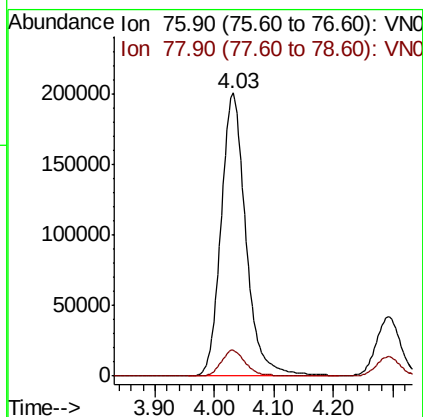
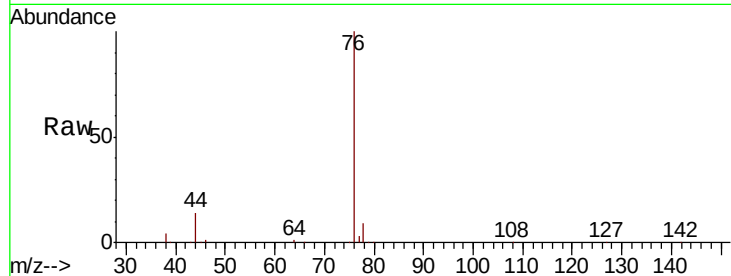




#17
Carbon Disulfide
Concen: 101.812 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

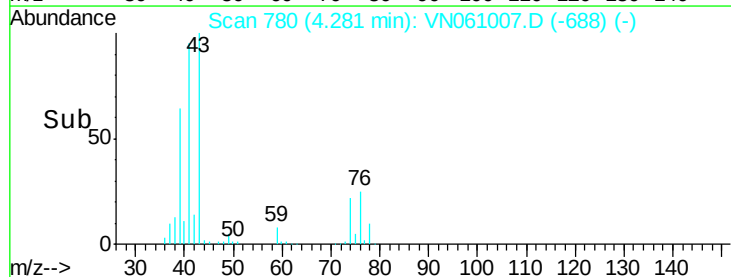
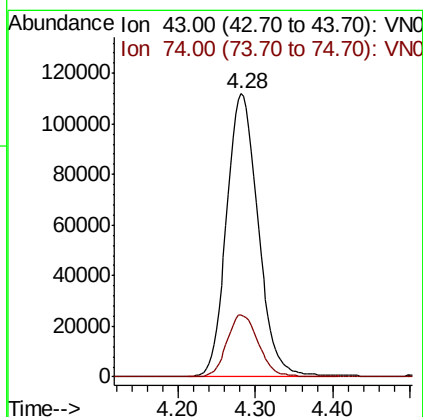
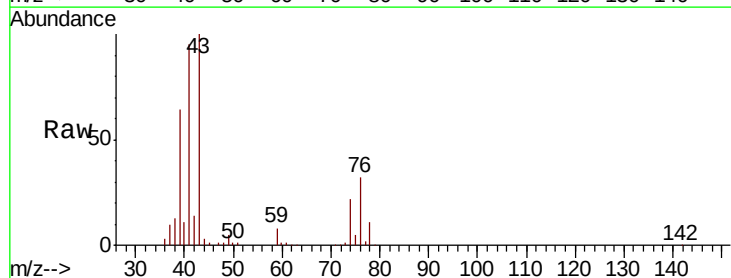
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

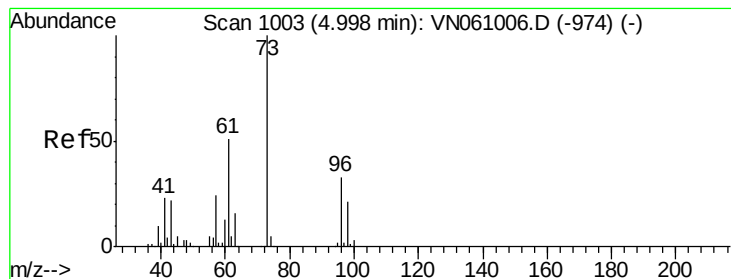
Tot Ion: 76 Resp: 581364
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 126.673 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

Tgt Ion: 43 Resp: 314781
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.0



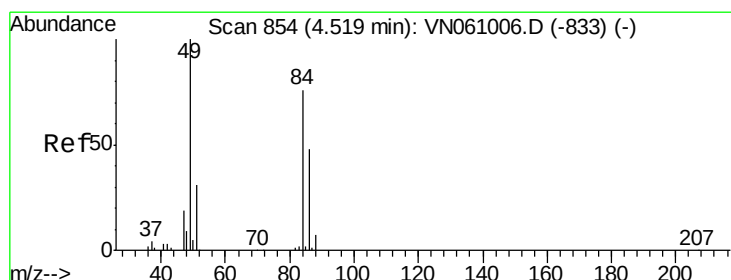
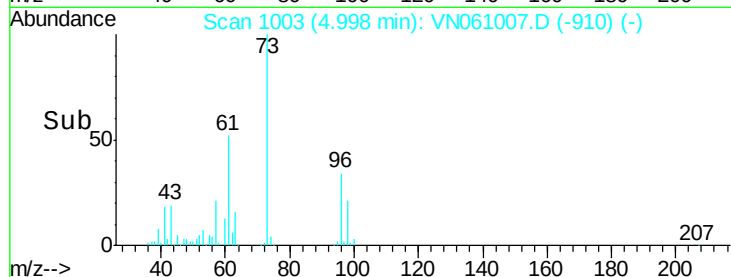
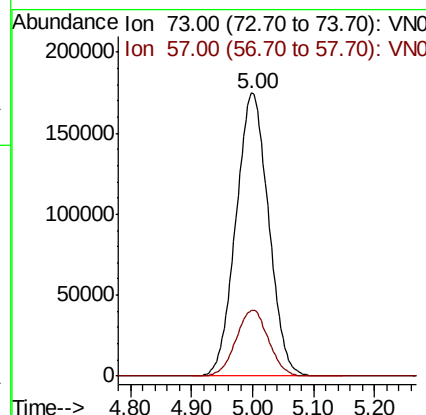
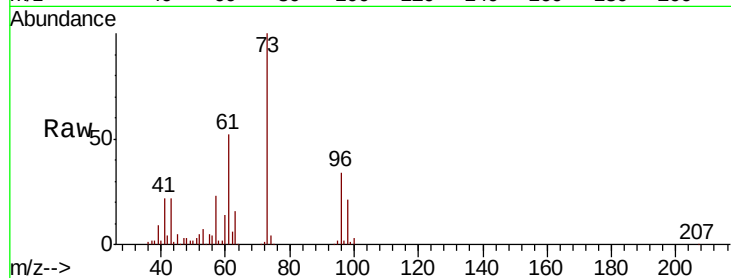


#19

Methyl tert-butyl Ether
 Concen: 100.618 ug/l
 RT: 5.00 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

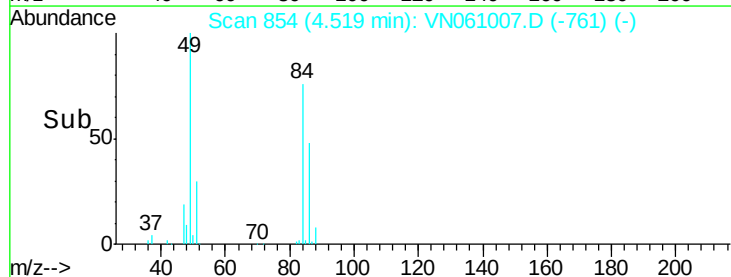
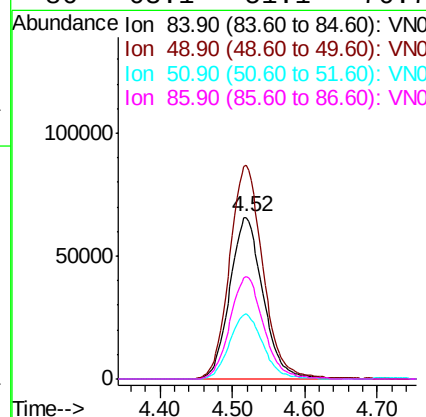
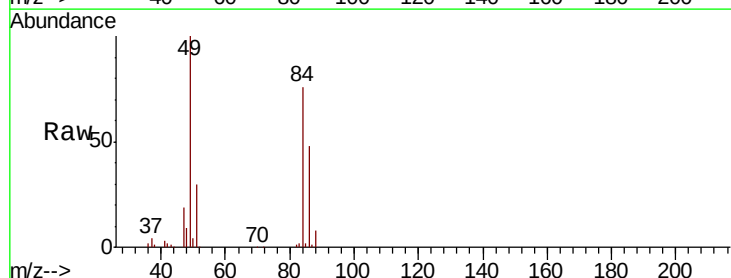
Tot Ion: 73 Resp: 649866
 Ion Ratio Lower Upper
 73 100
 57 23.2 19.0 28.4

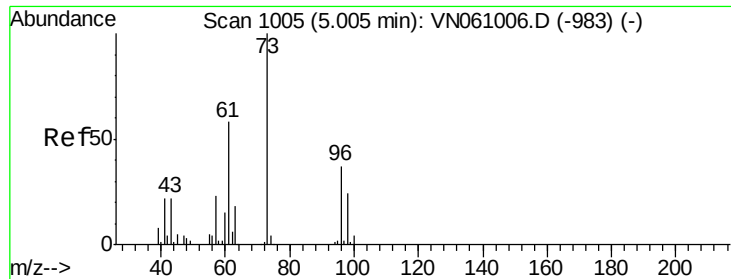


#20

Methylene Chloride
 Concen: 101.513 ug/l
 RT: 4.52 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

Tgt Ion: 84 Resp: 210288
 Ion Ratio Lower Upper
 84 100
 49 132.2 105.8 158.6
 51 40.1 32.4 48.6
 86 63.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 100.957 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

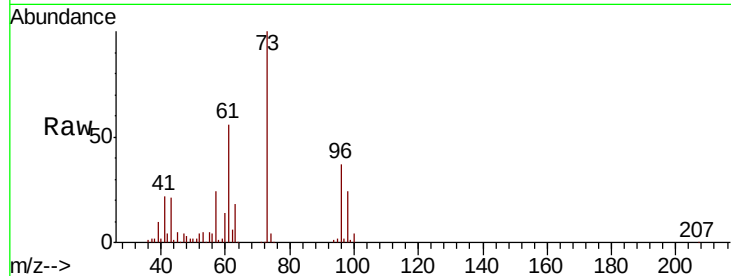
Tot Ion: 96 Resp: 201443

Ion Ratio Lower Upper

96 100

61 151.7 124.8 187.2

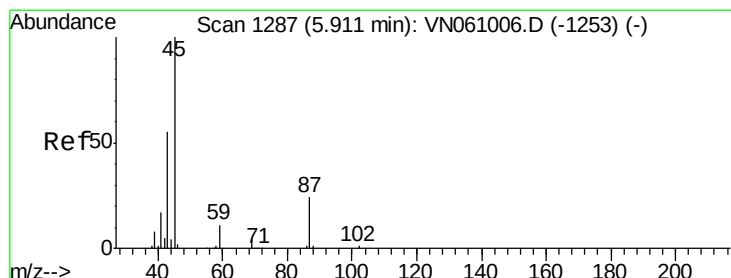
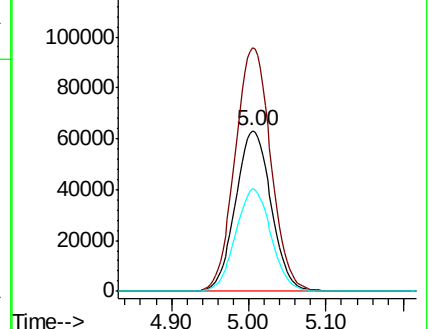
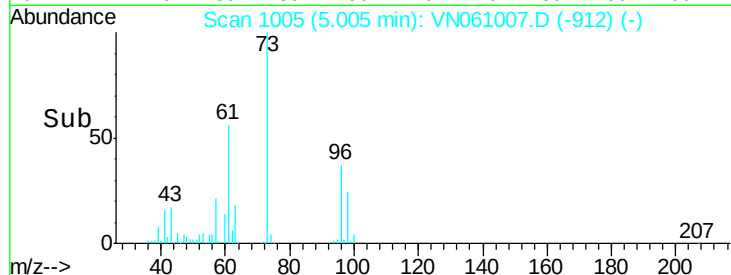
98 64.0 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VN061007.D (-912) (-)

Ion 60.90 (60.60 to 61.60): VN061007.D (-912) (-)

Ion 97.90 (97.60 to 98.60): VN061007.D (-912) (-)



#22

Diisopropyl ether

Concen: 105.559 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Tgt Ion: 45 Resp: 739410

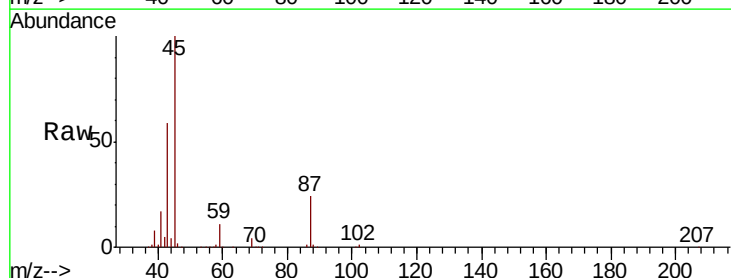
Ion Ratio Lower Upper

45 100

43 58.8 48.6 72.8

87 24.5 19.4 29.2

59 11.4 8.6 12.8

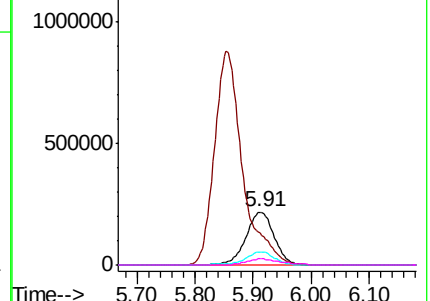
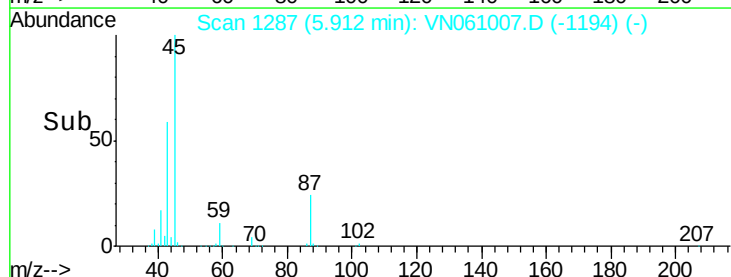


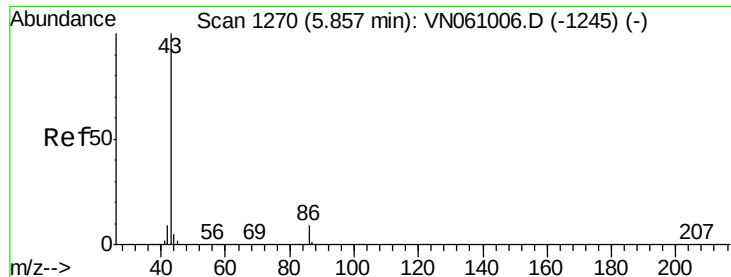
Abundance Ion 45.00 (44.70 to 45.70): VN061007.D (-1194) (-)

Ion 43.00 (42.70 to 43.70): VN061007.D (-1194) (-)

Ion 87.00 (86.70 to 87.70): VN061007.D (-1194) (-)

Ion 59.00 (58.70 to 59.70): VN061007.D (-1194) (-)





#23

Vinyl Acetate

Concen: 520.037 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

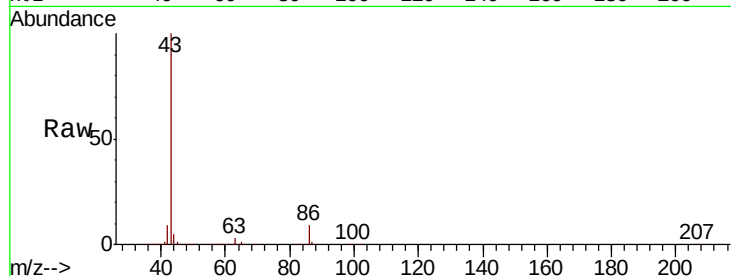
VSTDIC100

Tot Ion: 43 Resp: 2955601

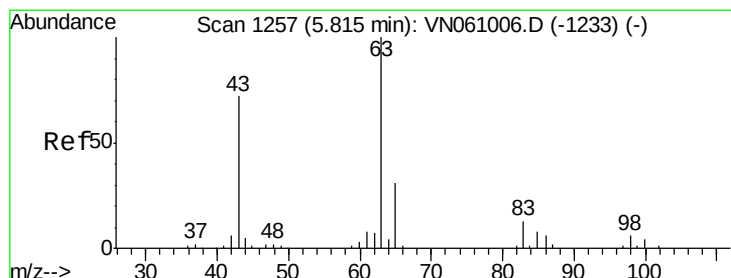
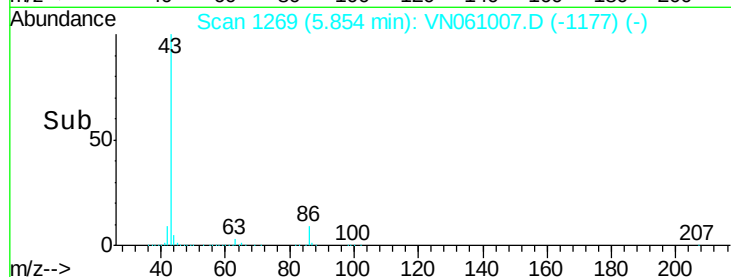
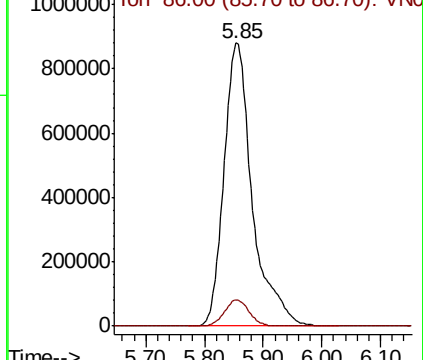
Ion Ratio Lower Upper

43 100

86 9.3 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN061007.D (-1177) (-)



#24

1,1-Dichloroethane

Concen: 103.838 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

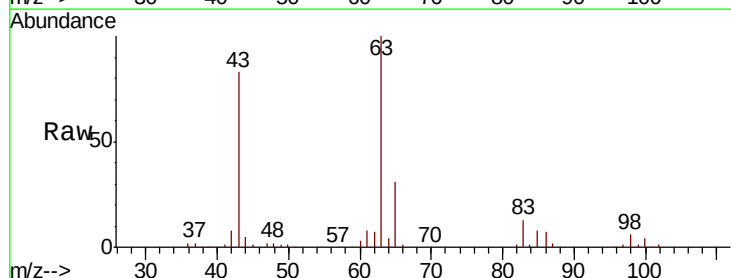
Tgt Ion: 63 Resp: 396356

Ion Ratio Lower Upper

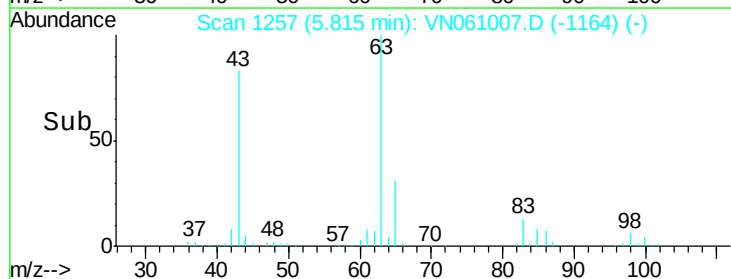
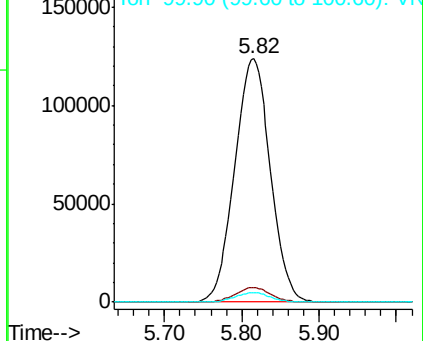
63 100

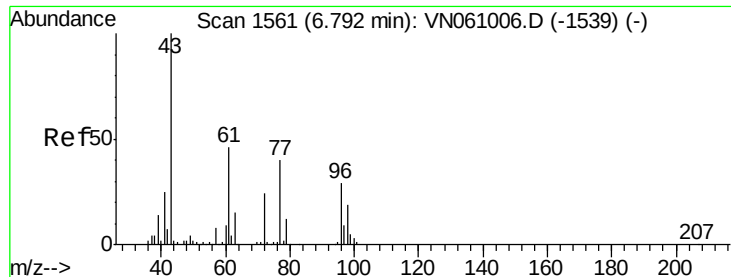
98 5.8 2.9 8.8

100 3.9 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN061007.D (-1164) (-)

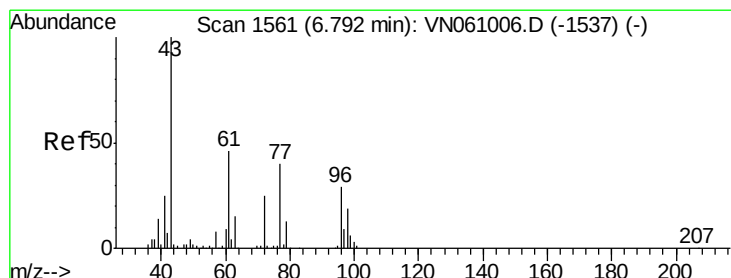
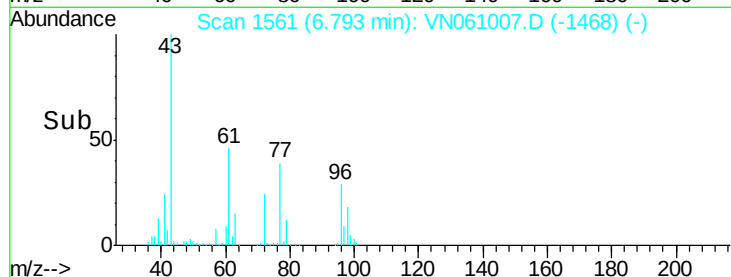
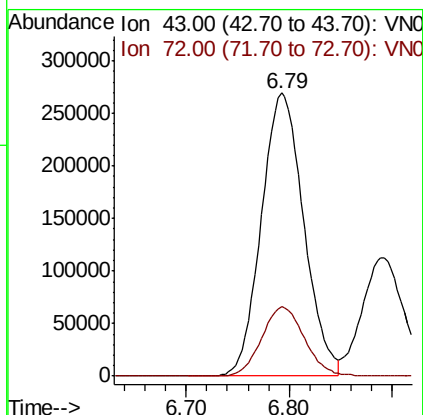
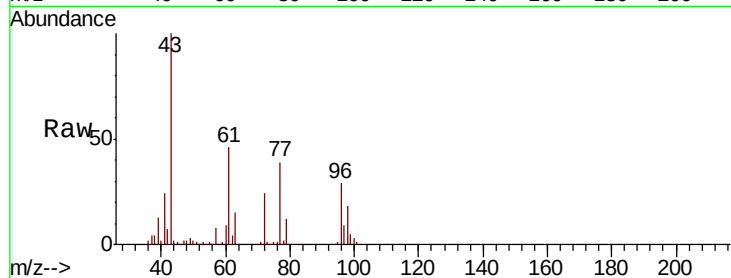




#25
 2-Butanone
 Concen: 554.377 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

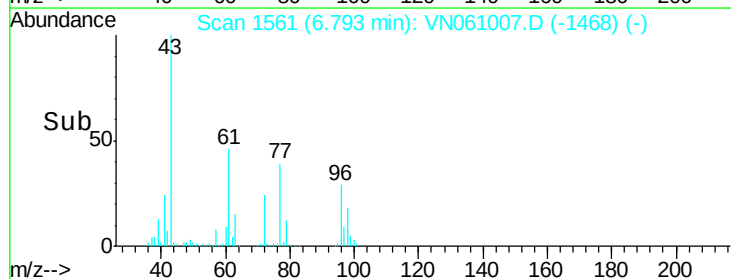
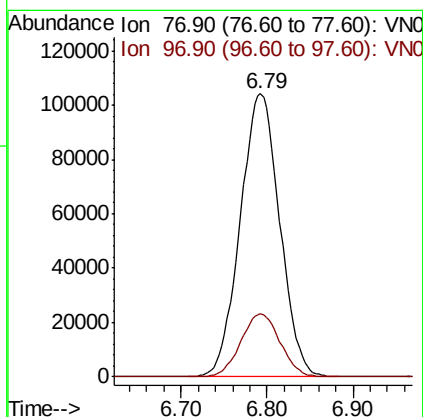
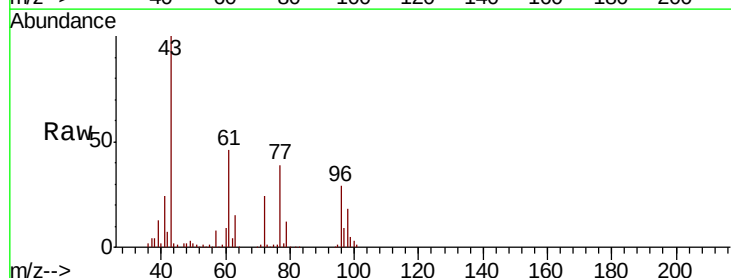
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

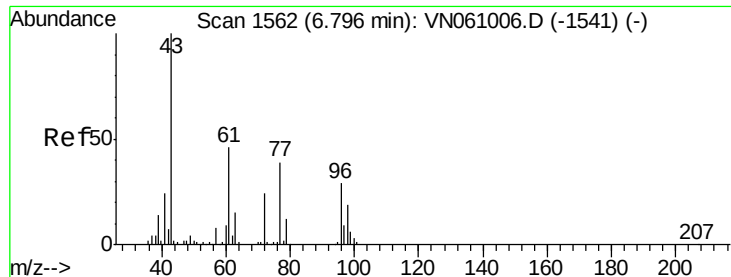
Tot Ion: 43 Resp: 767729
 Ion Ratio Lower Upper
 43 100
 72 24.5 19.6 29.4



#26
 2,2-Dichloropropane
 Concen: 108.938 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

Tgt Ion: 77 Resp: 332275
 Ion Ratio Lower Upper
 77 100
 97 22.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 100.786 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

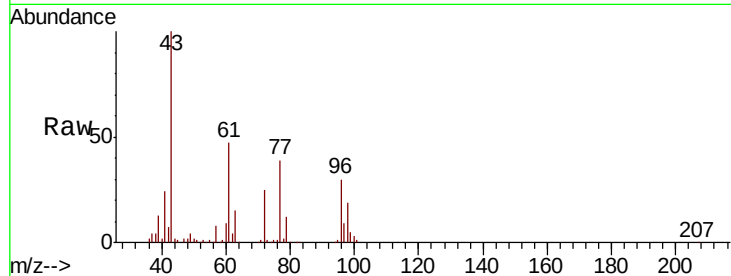
Tot Ion: 96 Resp: 229161

Ion Ratio Lower Upper

96 100

61 159.9 0.0 317.4

98 64.1 0.0 127.8

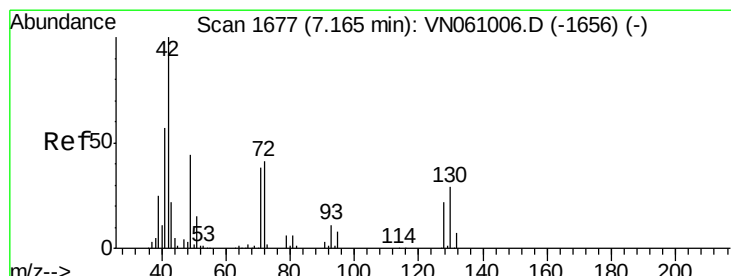
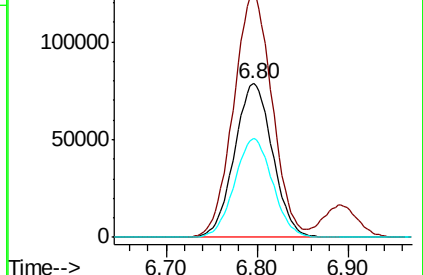
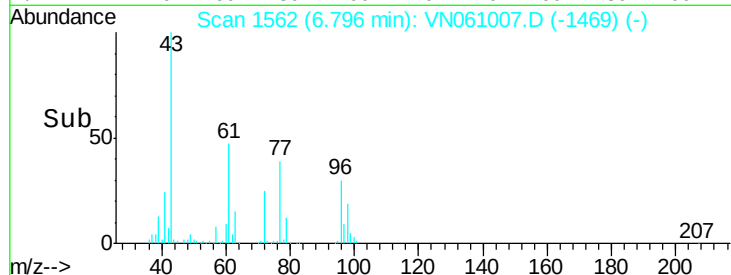


Abundance Ion 95.90 (95.60 to 96.60): VN061007.D (-1469) (-)

Ion 60.90 (60.60 to 61.60): VN061007.D (-1469) (-)

Ion 97.90 (97.60 to 98.60): VN061007.D (-1469) (-)

Time-->



#28

Bromochloromethane

Concen: 97.760 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

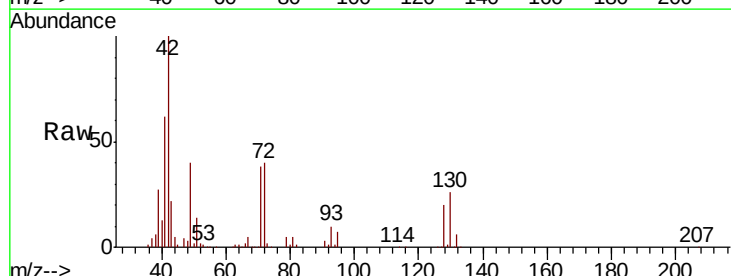
Tgt Ion: 49 Resp: 177607

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.0

130 64.8 52.9 79.3

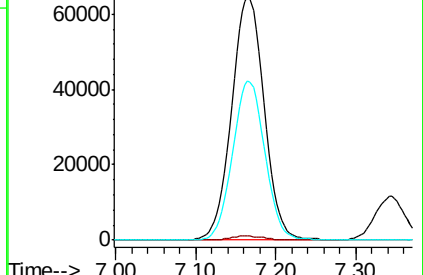
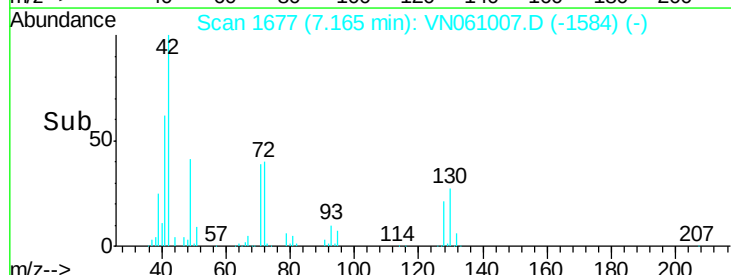


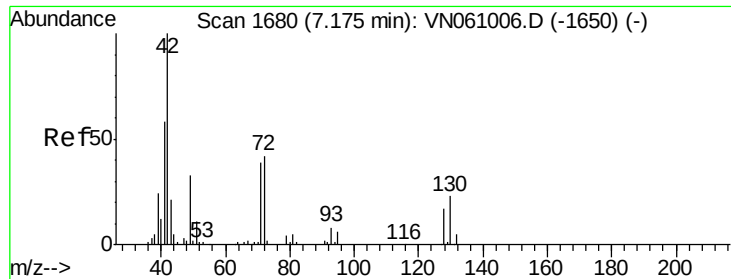
Abundance Ion 48.90 (48.60 to 49.60): VN061007.D (-1584) (-)

Ion 128.80 (128.50 to 129.50): VN061007.D (-1584) (-)

Ion 129.80 (129.50 to 130.50): VN061007.D (-1584) (-)

Time-->

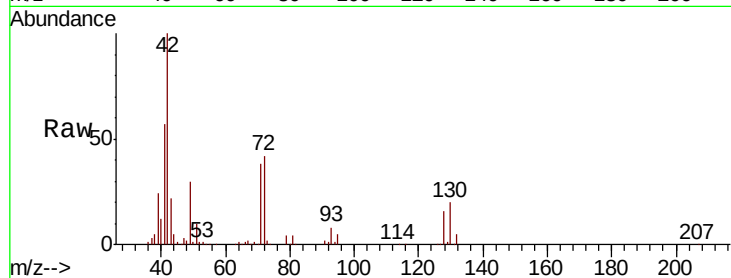




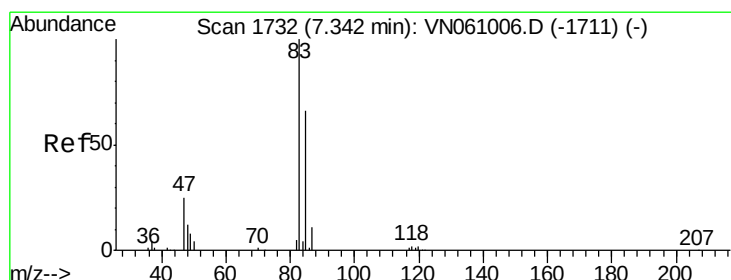
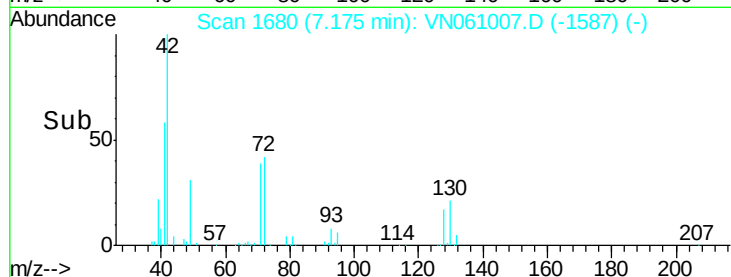
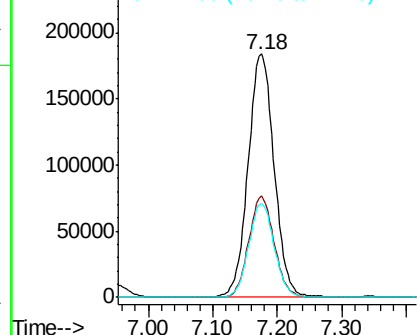
#29
Tetrahydrofuran
Concen: 533.693 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 42 Resp: 518420
Ion Ratio Lower Upper
42 100
72 40.3 32.1 48.1
71 37.9 30.5 45.7

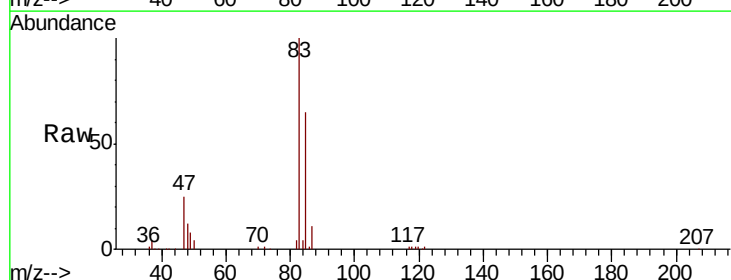


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

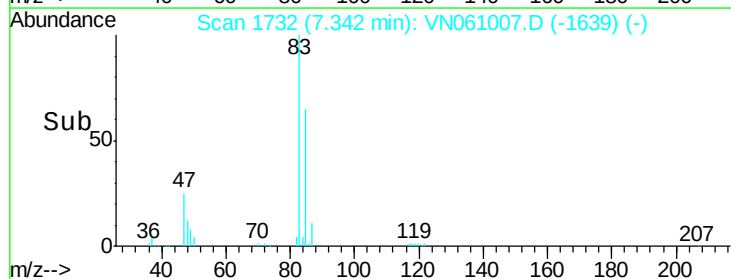
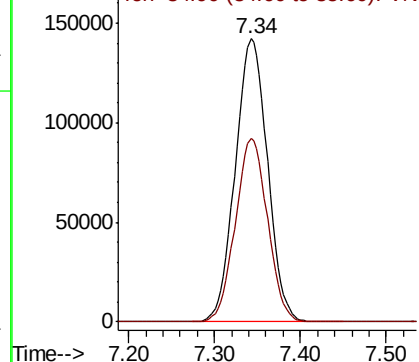


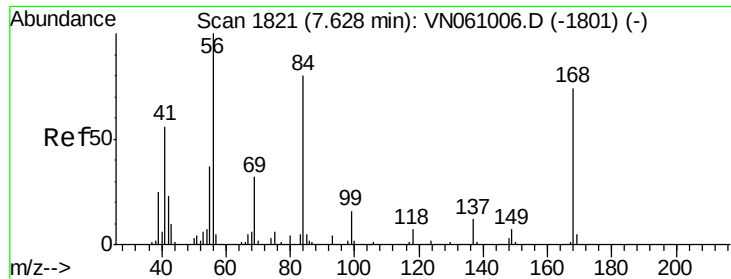
#30
Chloroform
Concen: 101.424 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

Tgt Ion: 83 Resp: 370108
Ion Ratio Lower Upper
83 100
85 64.9 52.8 79.2



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

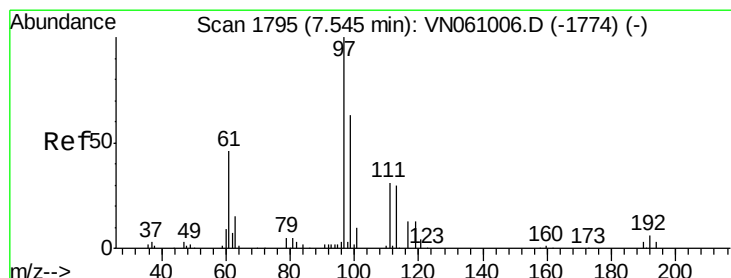
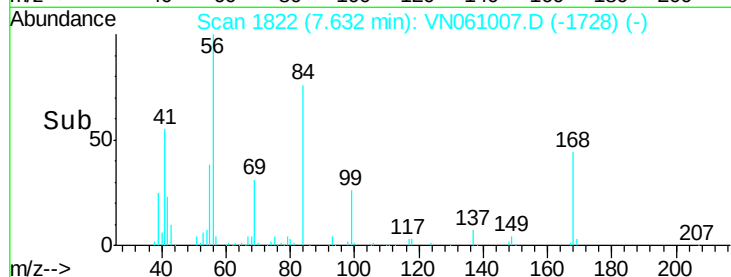
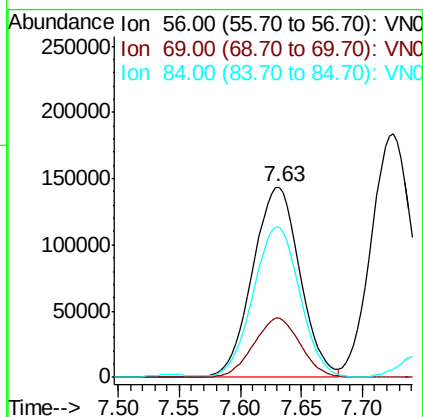
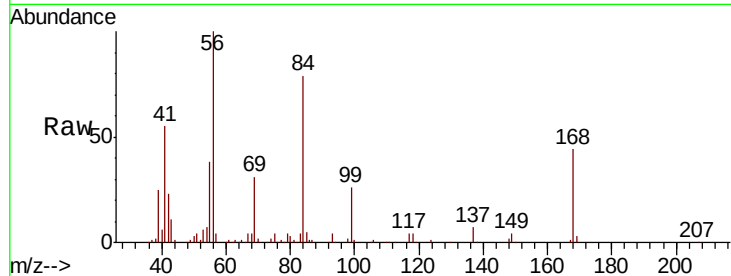




#31
Cyclohexane
Concen: 99.961 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

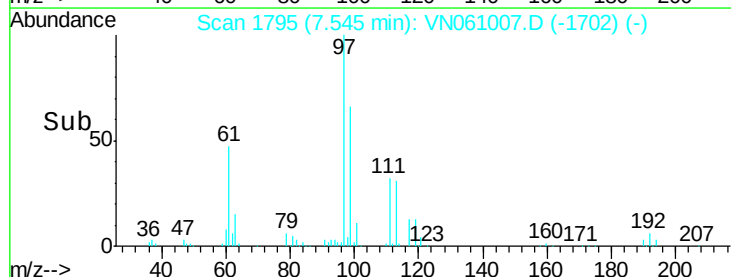
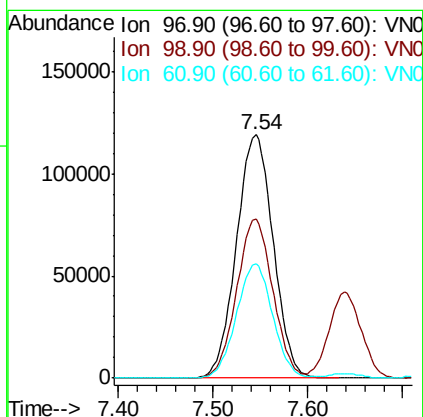
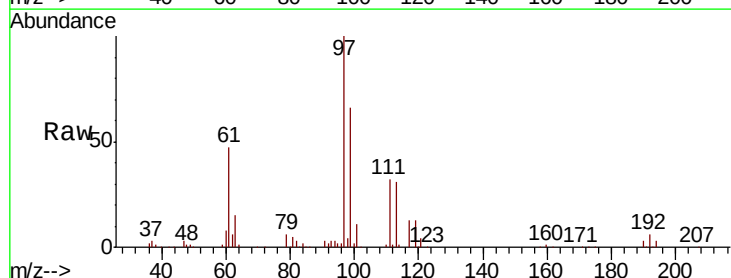
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

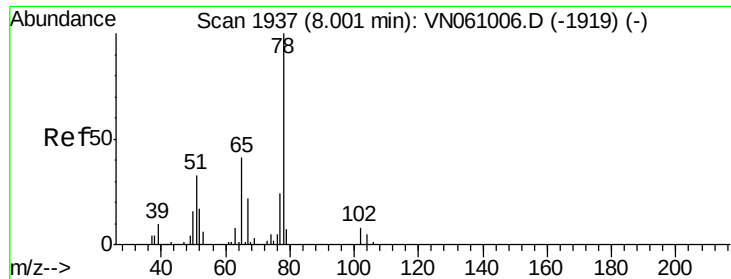
Tot Ion: 56 Resp: 386533
Ion Ratio Lower Upper
56 100
69 31.0 25.6 38.4
84 77.6 63.4 95.2



#32
1,1,1-Trichloroethane
Concen: 102.849 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

Tgt Ion: 97 Resp: 322307
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 46.3 37.0 55.6

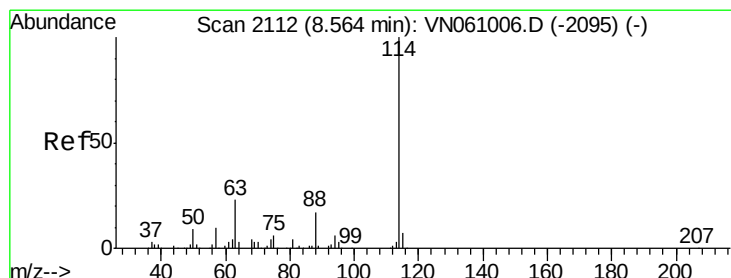
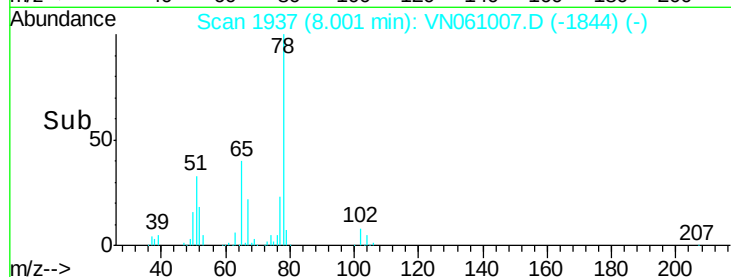
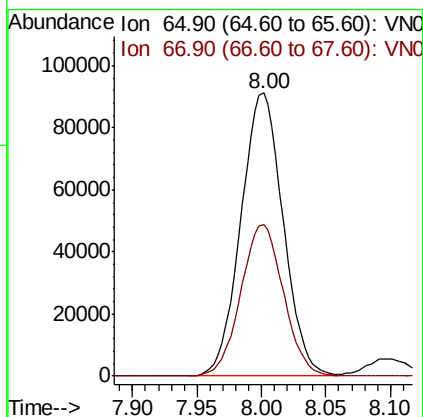
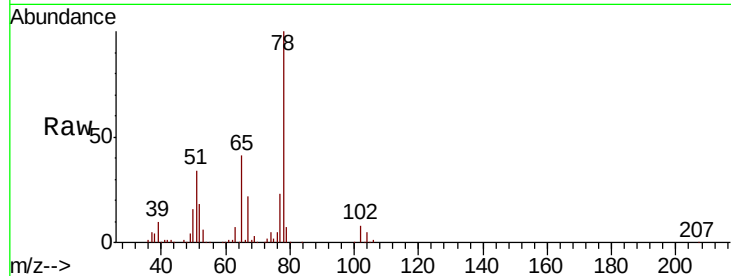




#33
 1,2-Dichloroethane-d4
 Concen: 90.301 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

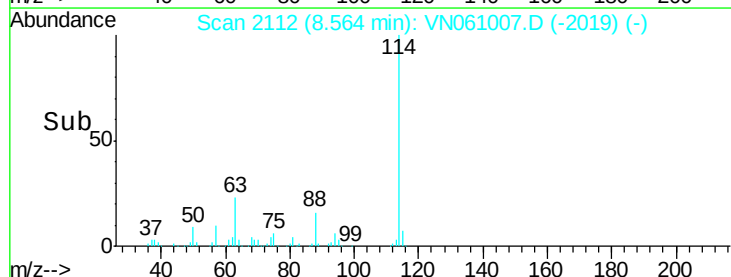
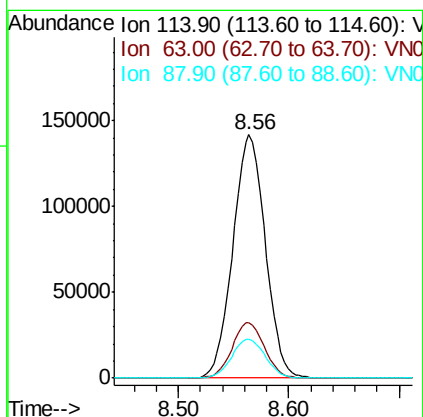
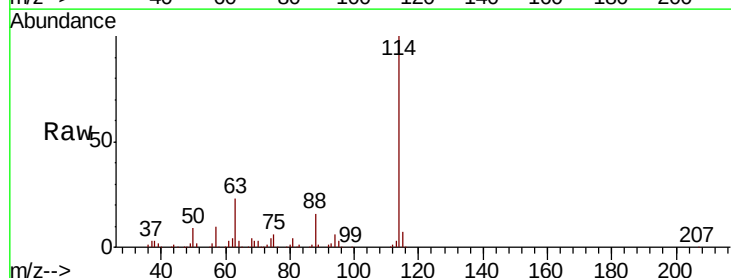
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

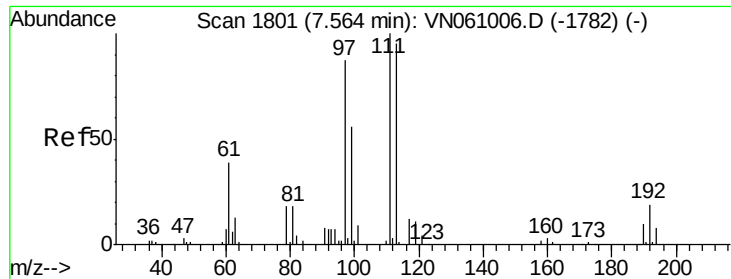
Tot Ion: 65 Resp: 208634
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

Tgt Ion: 114 Resp: 289220
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 46.2
 88 16.1 0.0 33.4

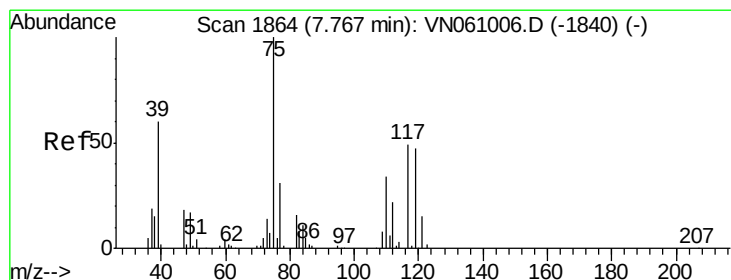
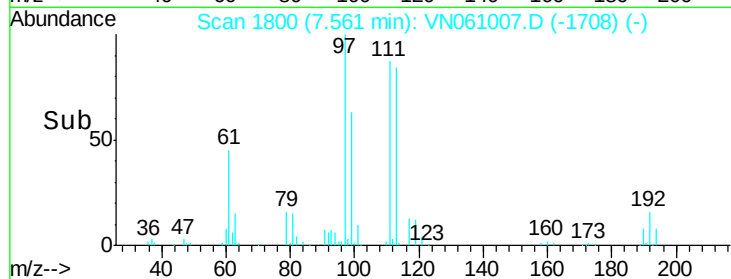
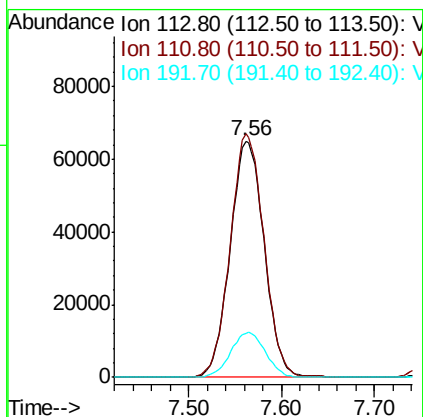
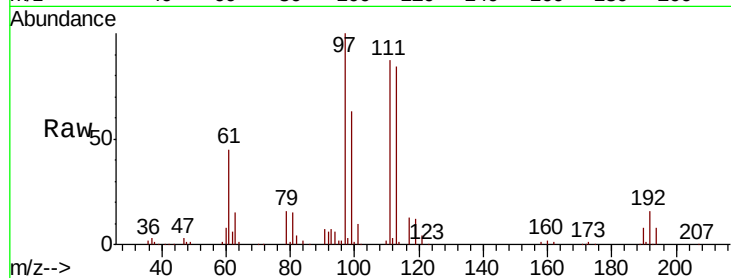




#35
 Dibromofluoromethane
 Concen: 96.076 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

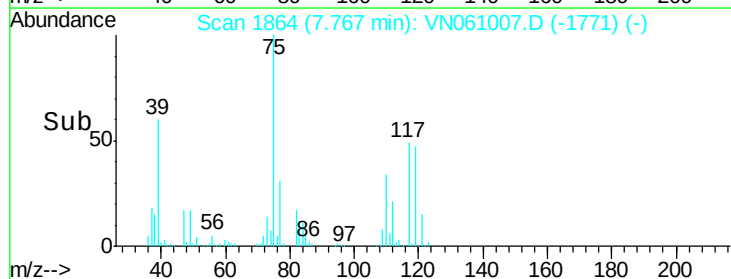
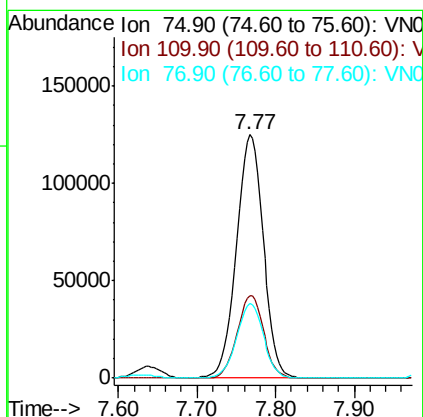
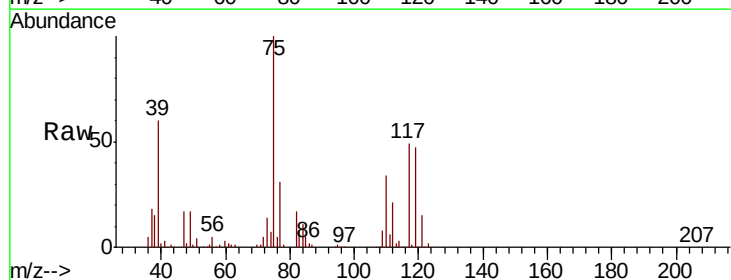
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

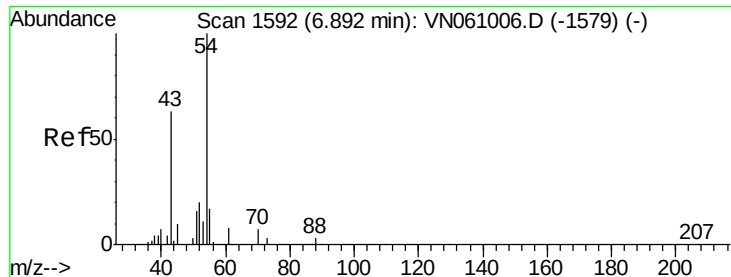
Tot Ion:113 Resp: 165398
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.4 125.2
 192 19.4 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 106.179 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

Tgt Ion: 75 Resp: 299708
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.8 50.3
 77 30.8 24.7 37.1

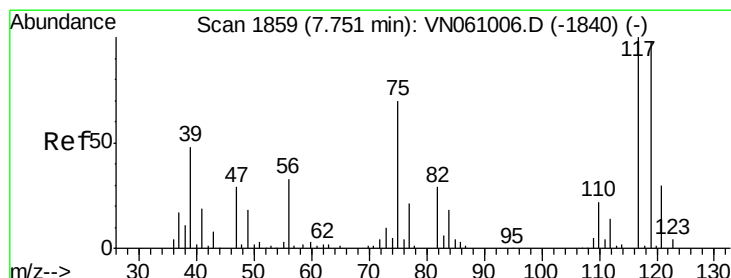
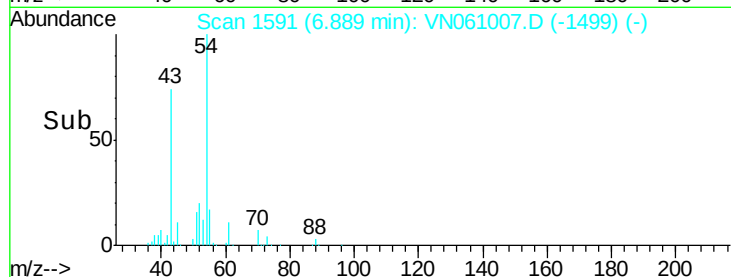
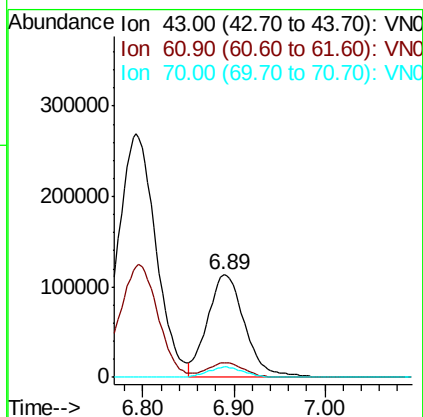
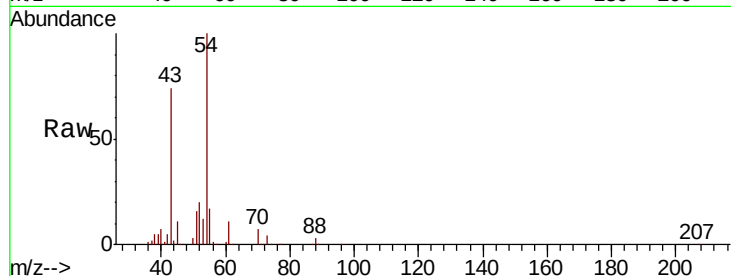




#37
Ethyl Acetate
Concen: 104.659 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

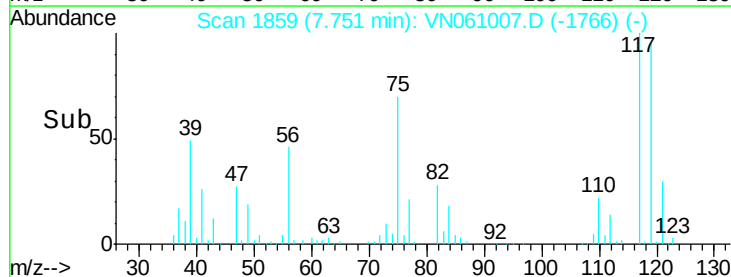
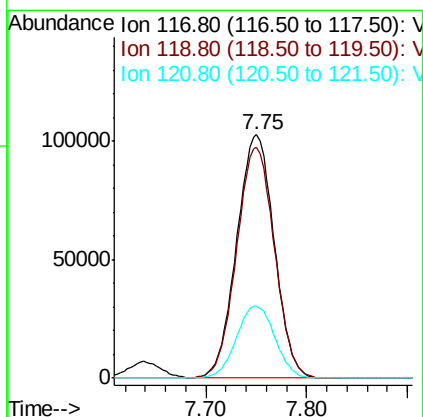
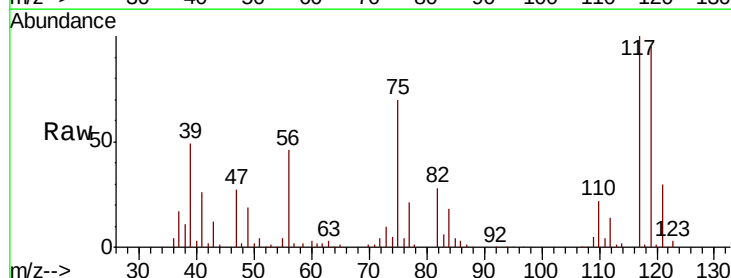
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

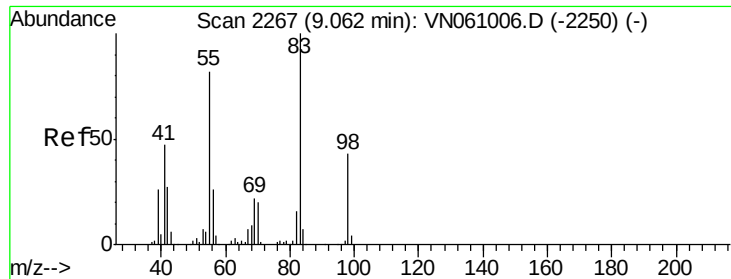
Tot Ion: 43 Resp: 320835
Ion Ratio Lower Upper
43 100
61 13.8 10.9 16.3
70 9.8 7.7 11.5



#38
Carbon Tetrachloride
Concen: 105.509 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

Tgt Ion: 117 Resp: 265260
Ion Ratio Lower Upper
117 100
119 95.1 78.1 117.1
121 29.6 24.0 36.0

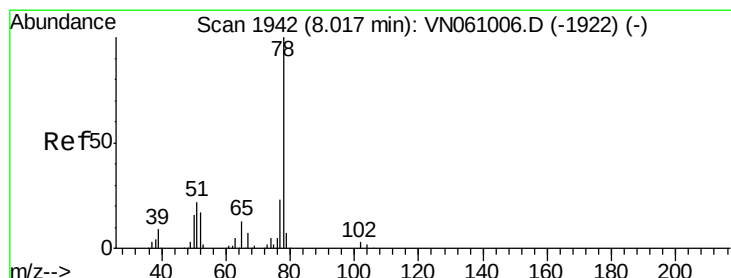
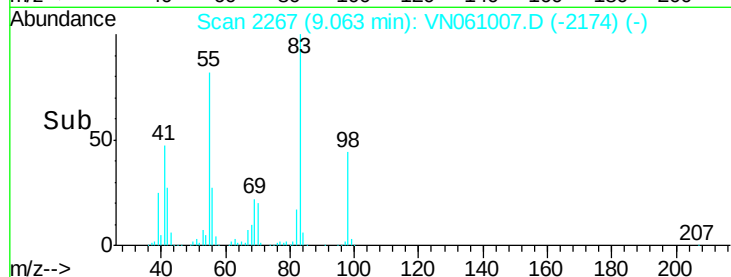
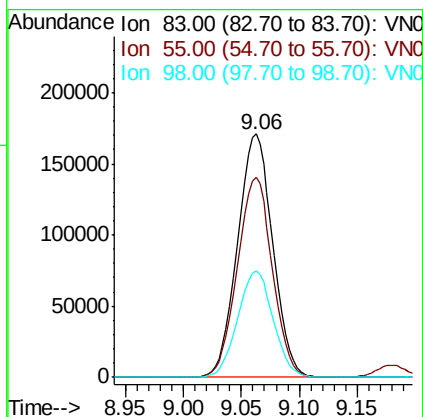
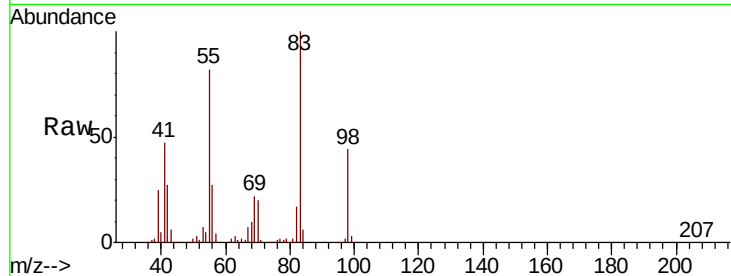




#39
Methylvlcyclohexane
Concen: 107.022 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

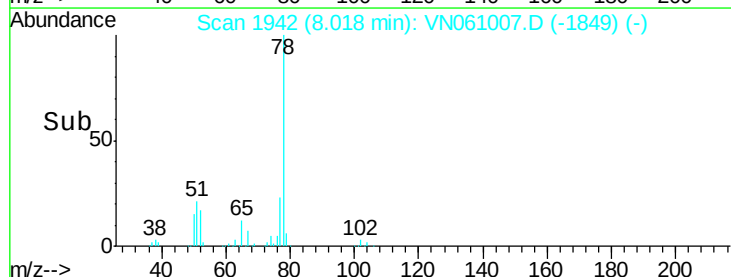
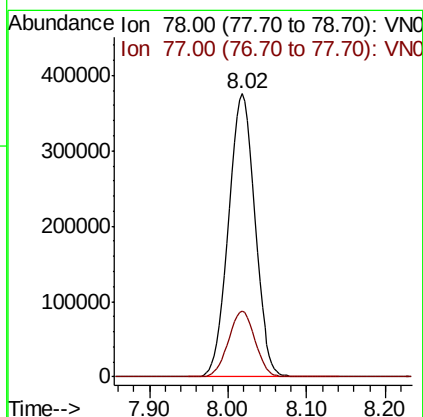
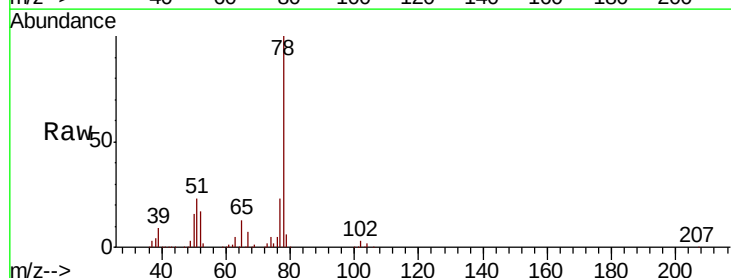
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

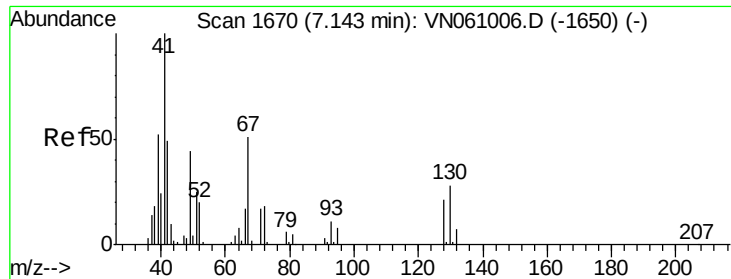
Tot Ion: 83 Resp: 360404
Ion Ratio Lower Upper
83 100
55 82.3 65.4 98.0
98 43.6 34.6 51.8



#40
Benzene
Concen: 102.920 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

Tgt Ion: 78 Resp: 875992
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2

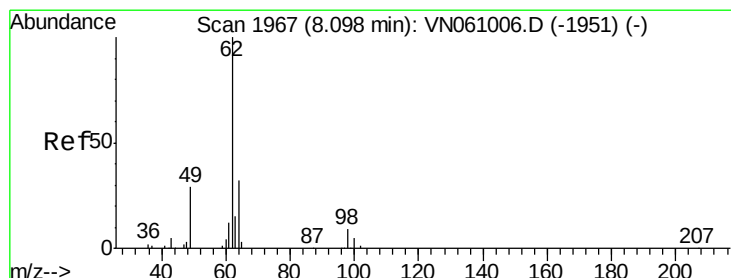
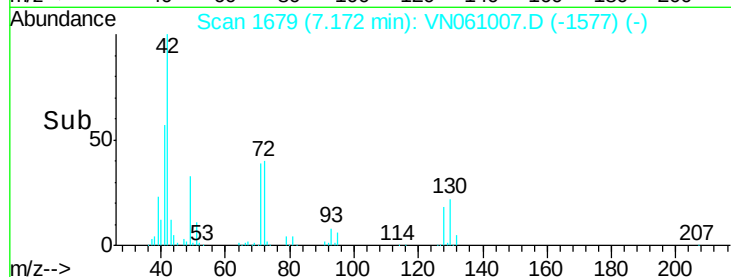
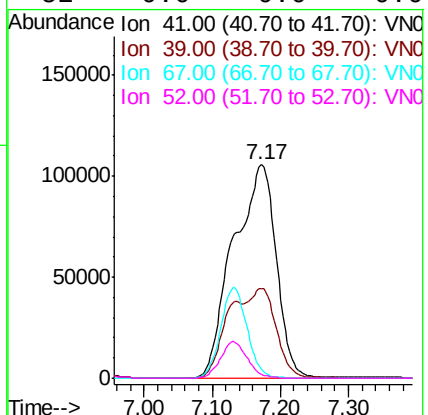
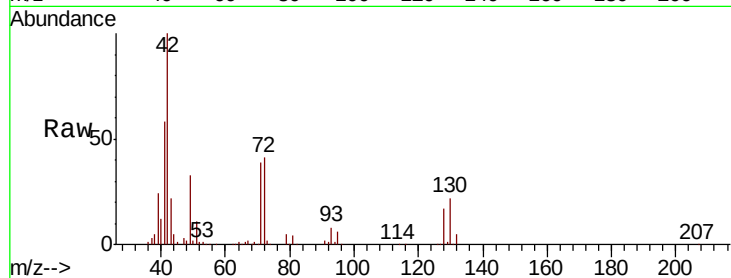




#41
Methacrylonitrile
Concen: 352.067 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.03 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

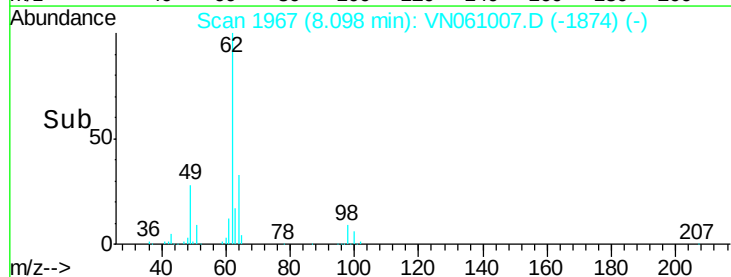
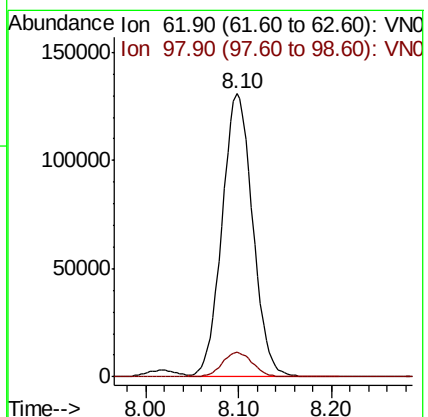
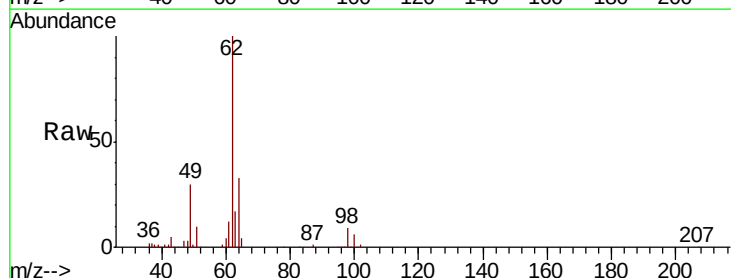
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

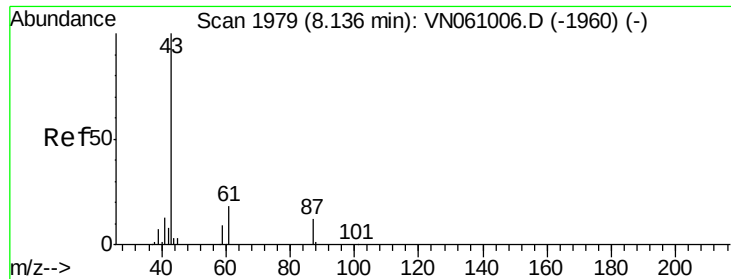
Tot Ion:	41	Resp:	461107
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 103.081 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

Tgt Ion:	62	Resp:	300170
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 107.308 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

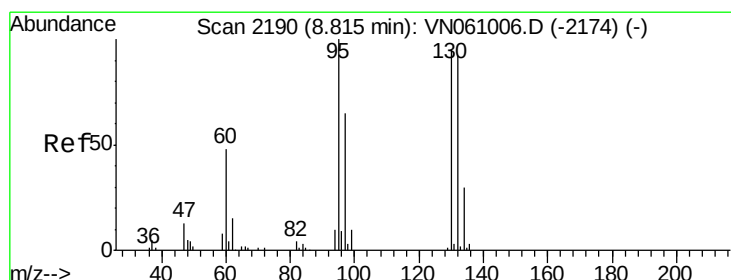
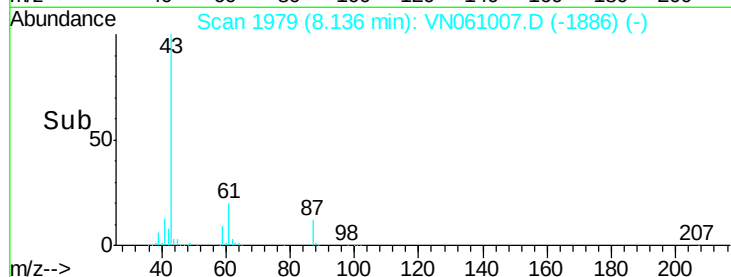
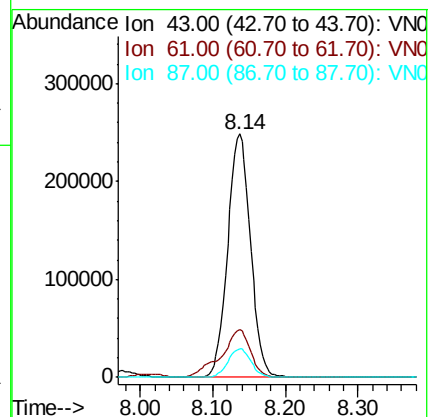
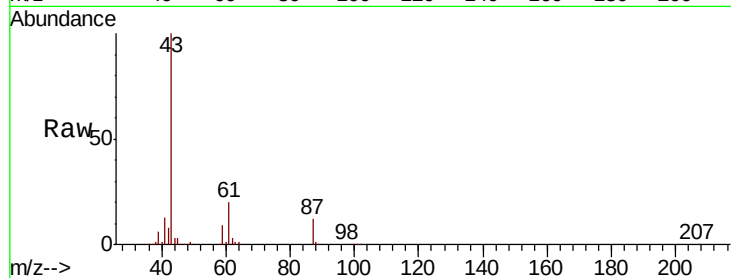
Tot Ion: 43 Resp: 540974

Ion Ratio Lower Upper

43 100

61 25.4 20.3 30.5

87 11.9 9.4 14.2



#44

Trichloroethene

Concen: 102.087 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. 0.00 min

Lab File: VN061007.D

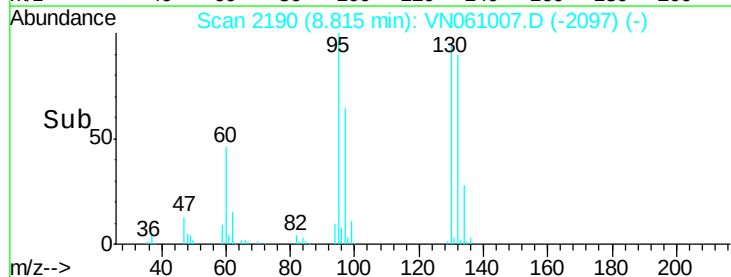
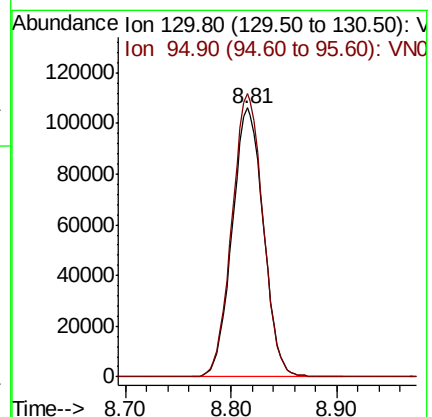
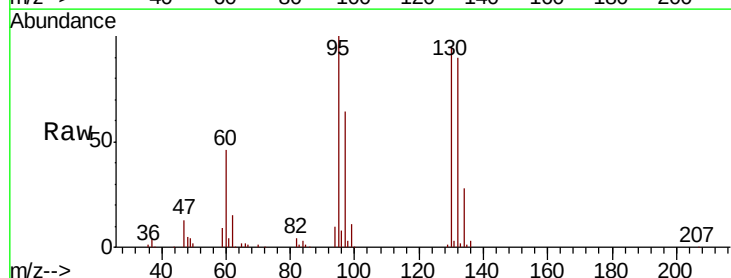
Acq: 16 Apr 2020 12:41

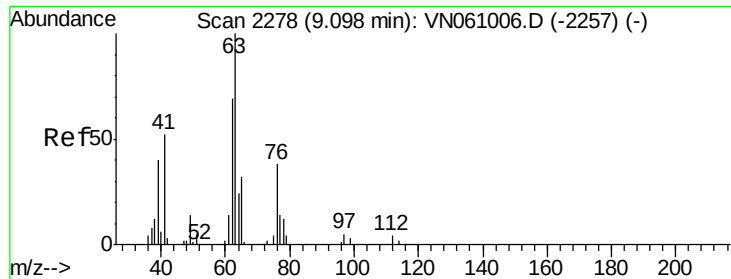
Tgt Ion: 130 Resp: 217997

Ion Ratio Lower Upper

130 100

95 105.3 0.0 210.0

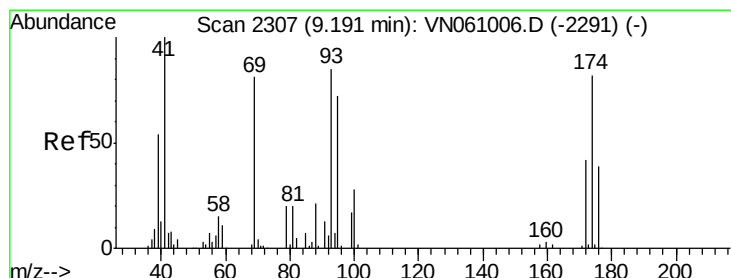
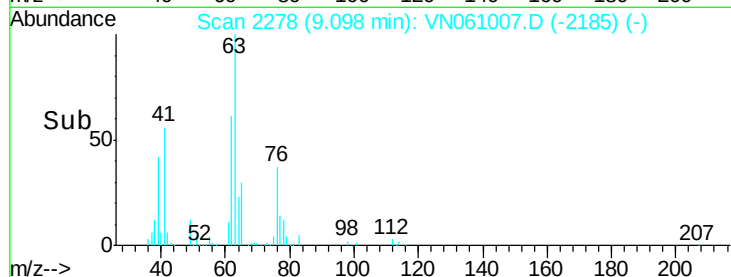
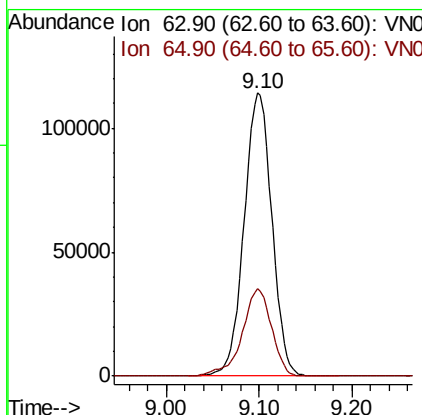
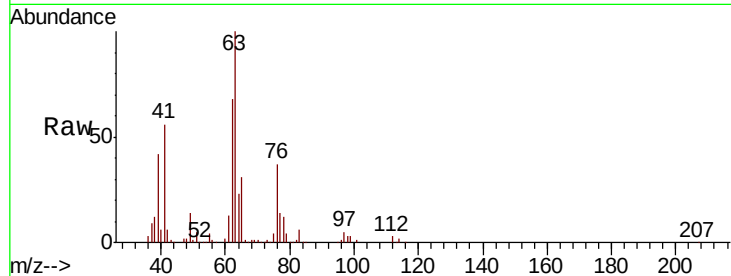




#45
 1,2-Dichloropropane
 Concen: 105.641 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

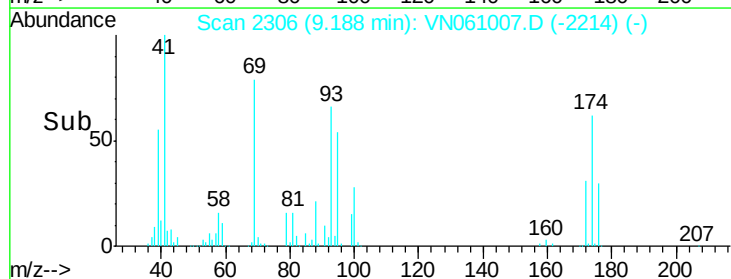
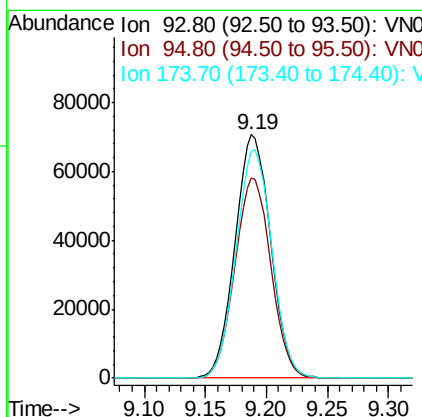
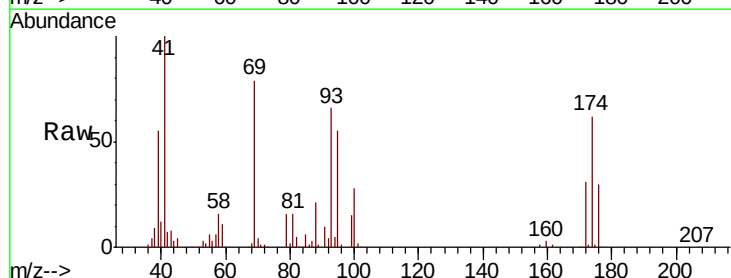
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

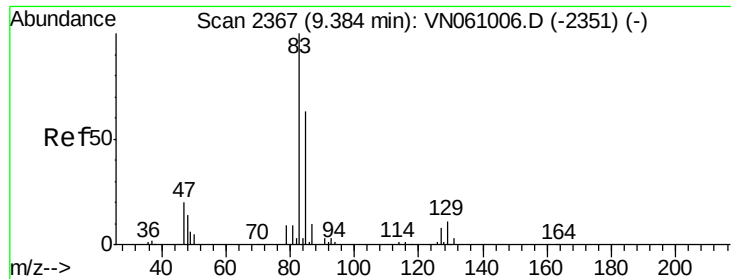
Tot Ion: 63 Resp: 237712
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.2 37.8



#46
 Dibromomethane
 Concen: 105.782 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

Tgt Ion: 93 Resp: 143211
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.8 100.2
 174 94.2 76.2 114.4

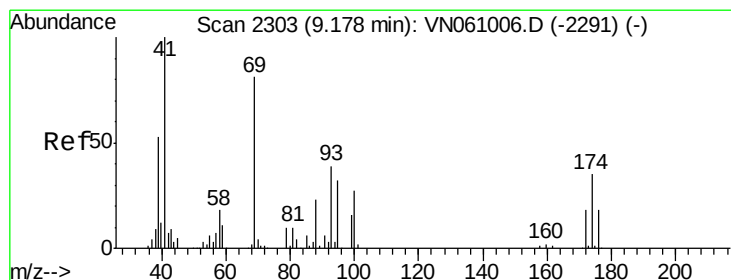
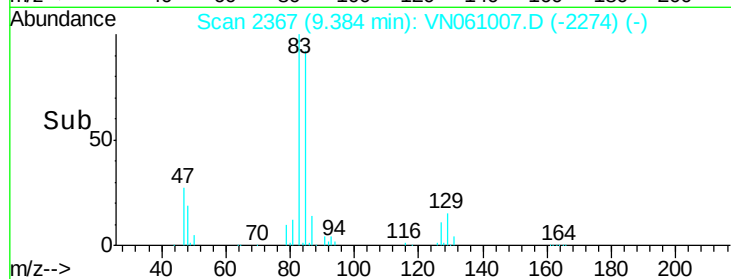
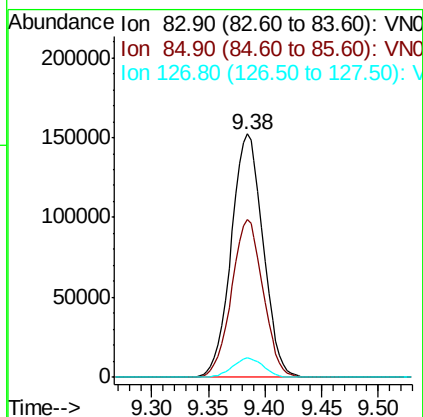
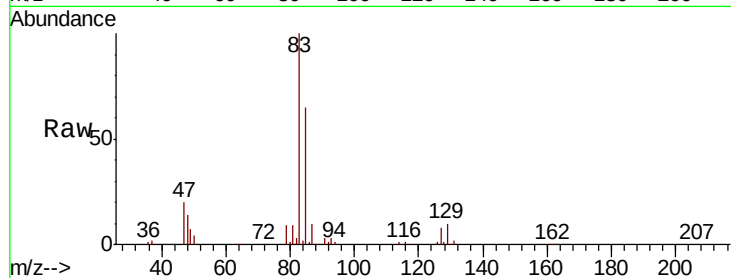




#47
 Bromodichloromethane
 Concen: 105.608 ug/l
 RT: 9.38 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

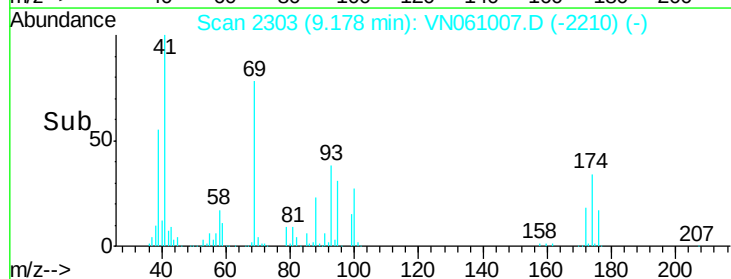
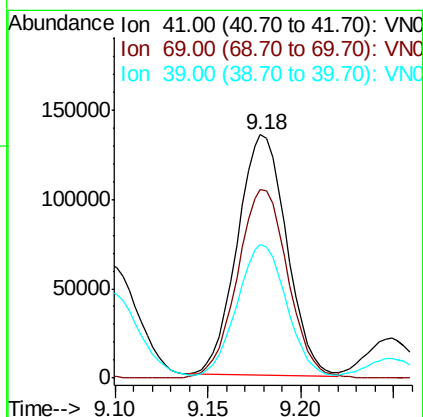
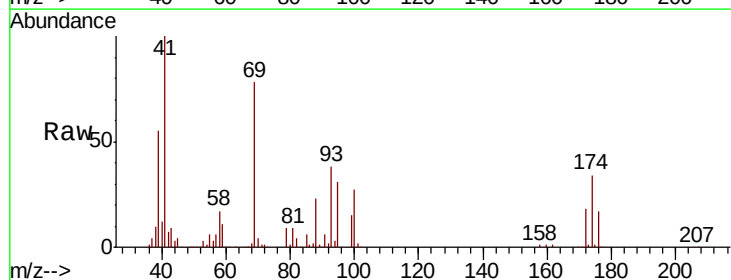
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

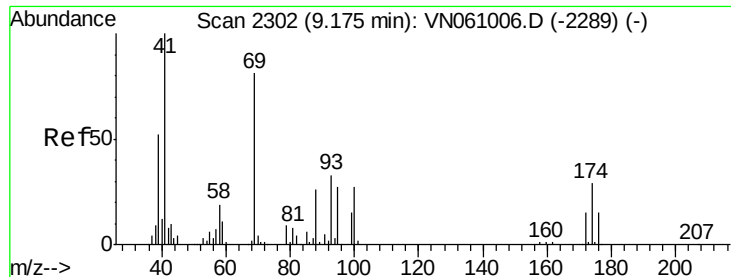
Tot Ion: 83 Resp: 298180
 Ion Ratio Lower Upper
 83 100
 85 64.7 50.6 76.0
 127 7.8 6.1 9.1



#48
 Methyl methacrylate
 Concen: 111.094 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

Tgt Ion: 41 Resp: 249915
 Ion Ratio Lower Upper
 41 100
 69 80.5 65.3 97.9
 39 54.0 45.2 67.8

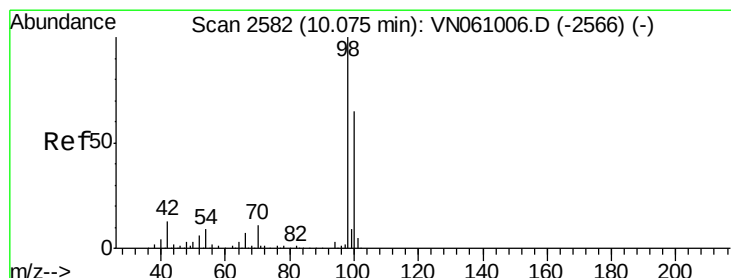
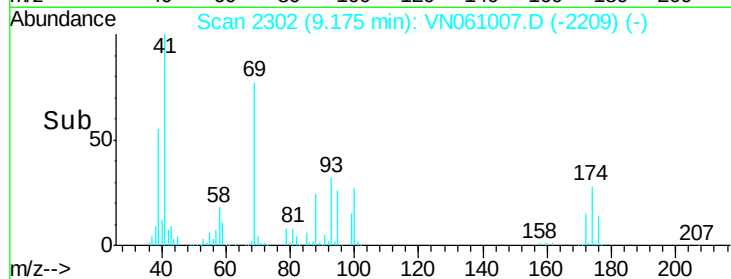
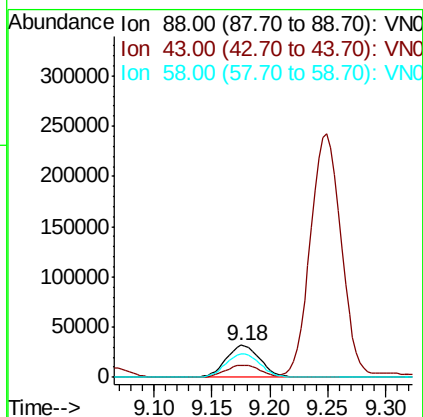
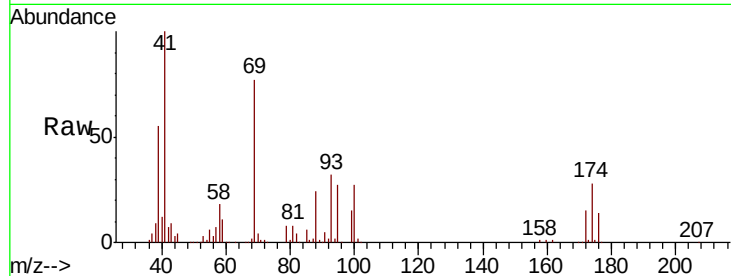




#49
 1,4-Dioxane
 Concen: 2411.025 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

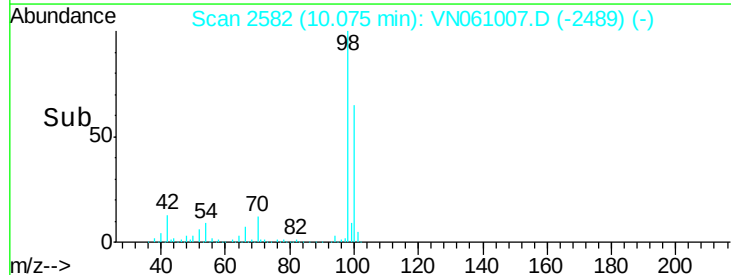
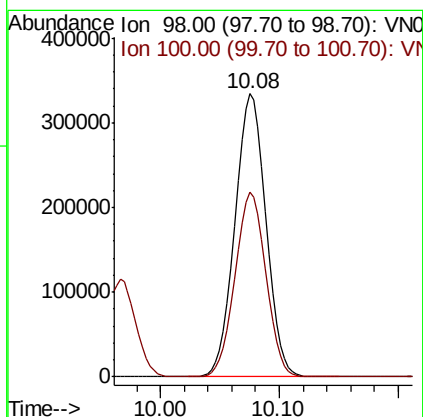
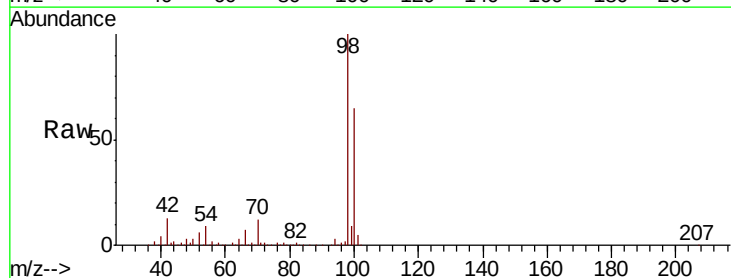
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

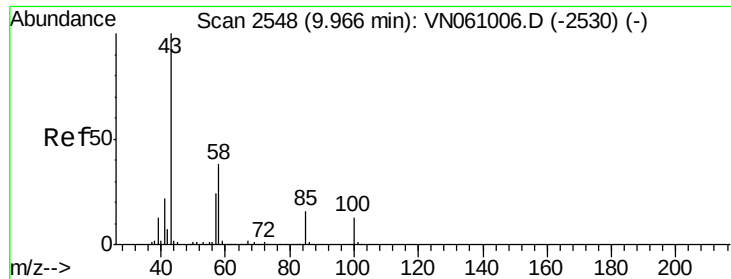
Tot Ion: 88 Resp: 65313
 Ion Ratio Lower Upper
 88 100
 43 38.2 30.9 46.3
 58 75.1 59.8 89.8



#50
 Toluene-d8
 Concen: 87.562 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

Tgt Ion: 98 Resp: 603194
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.9 77.9

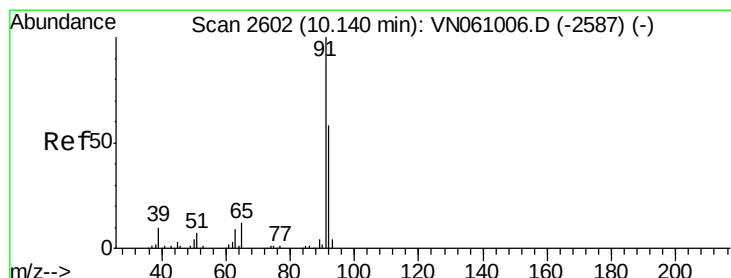
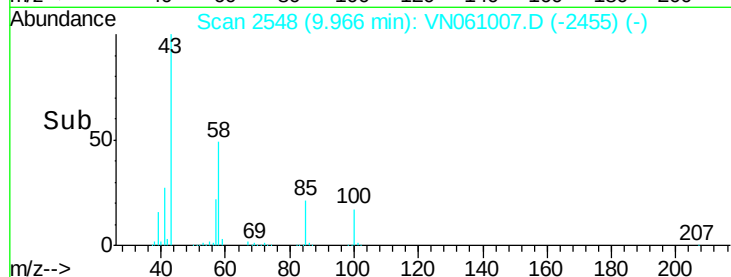
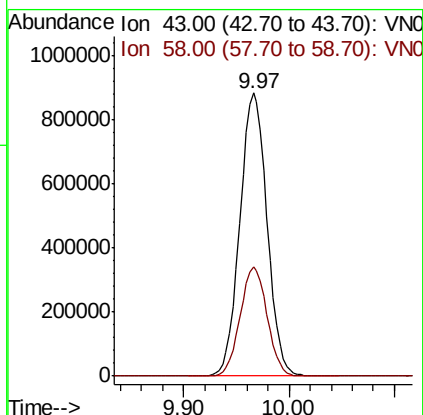
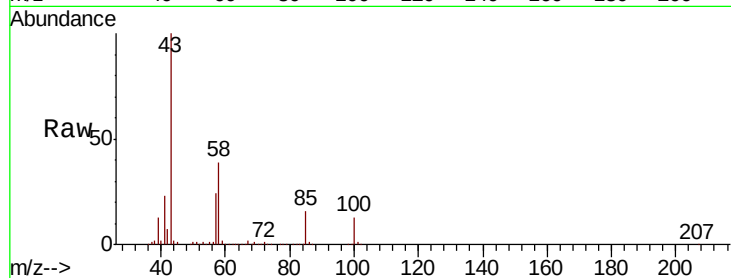




#51
 4-Methyl-2-Pentanone
 Concen: 549.261 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

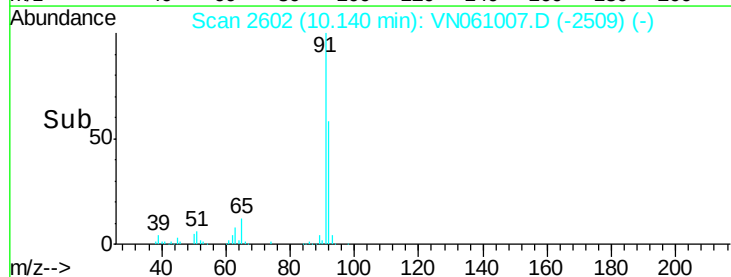
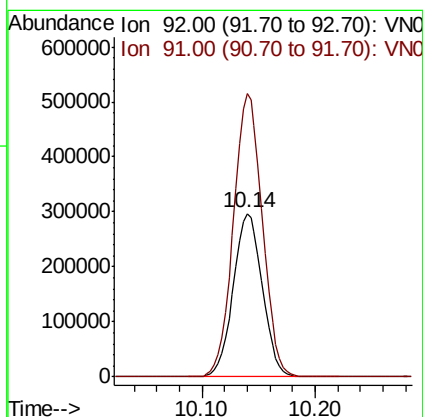
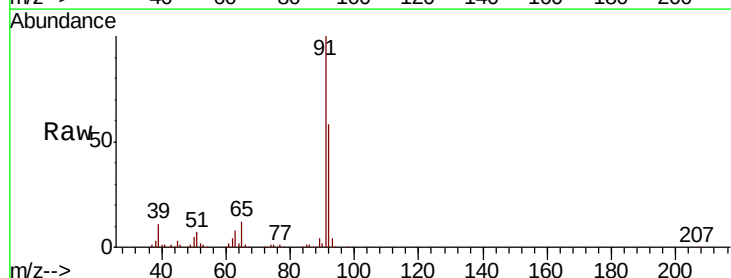
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

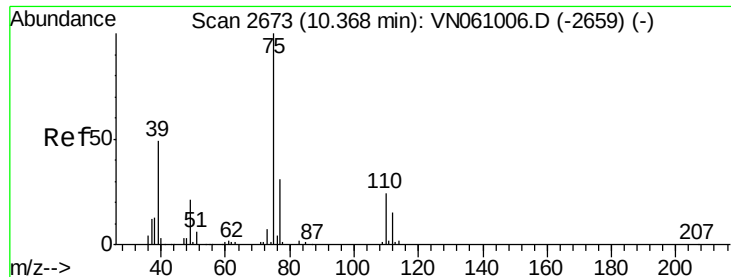
Tot Ion: 43 Resp: 1578491
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.3 45.5



#52
 Toluene
 Concen: 103.272 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

Tgt Ion: 92 Resp: 530310
 Ion Ratio Lower Upper
 92 100
 91 172.4 137.7 206.5





#53

t-1,3-Dichloropropene

Concen: 108.672 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampled :

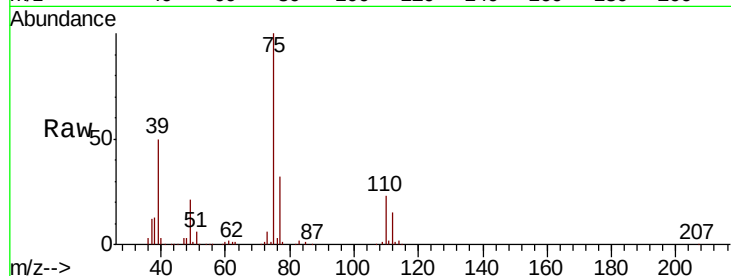
VSTDIC100

Tot Ion: 75 Resp: 352686

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

200000

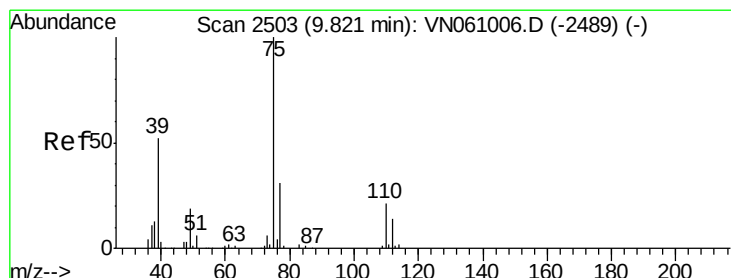
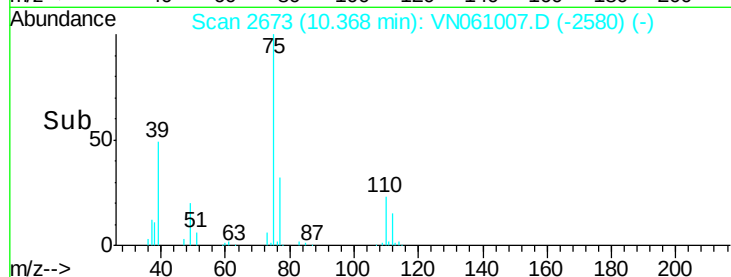
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 105.797 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

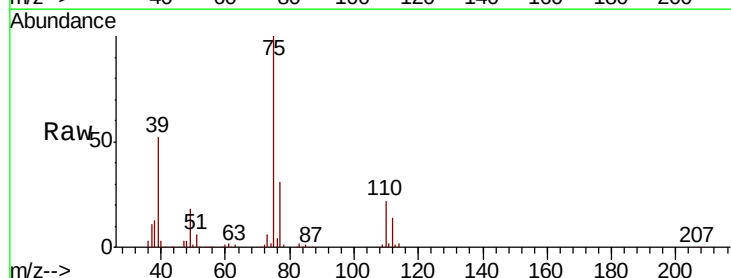
Tgt Ion: 75 Resp: 377566

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.6

39 51.8 41.4 62.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.82

250000

200000

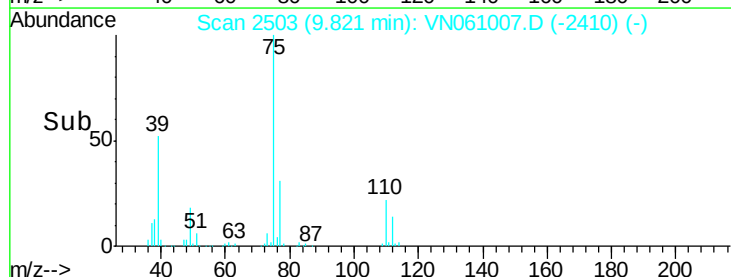
150000

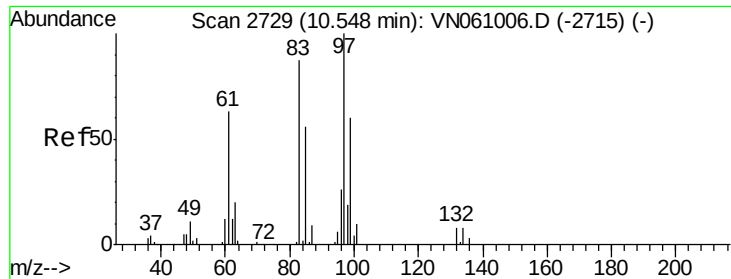
100000

50000

0

Time-->

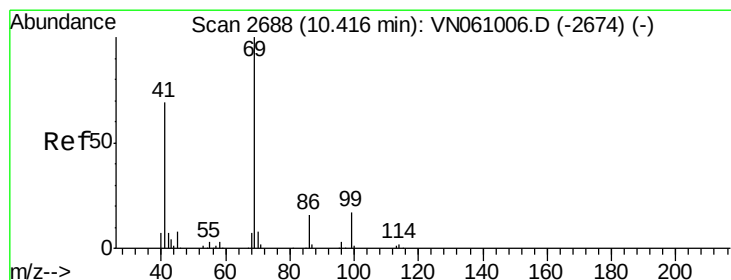
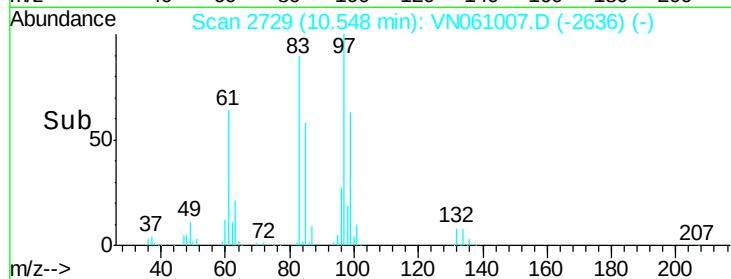
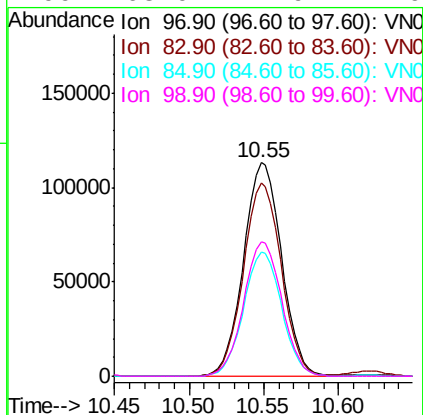
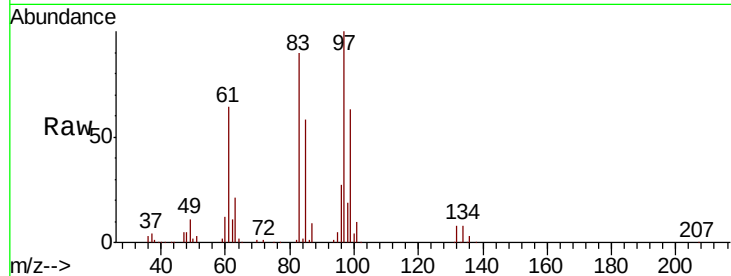




#55
 1,1,2-Trichloroethane
 Concen: 101.678 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

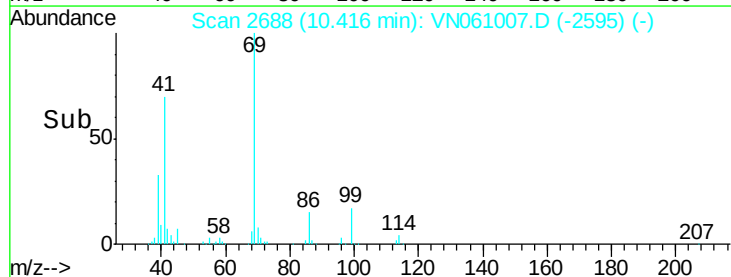
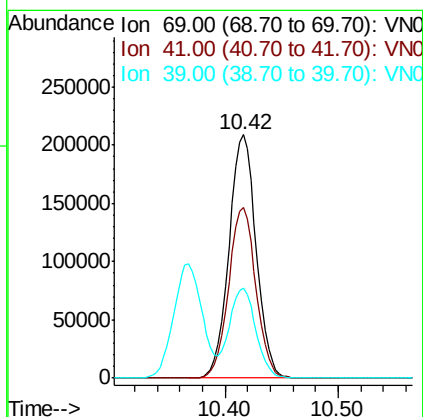
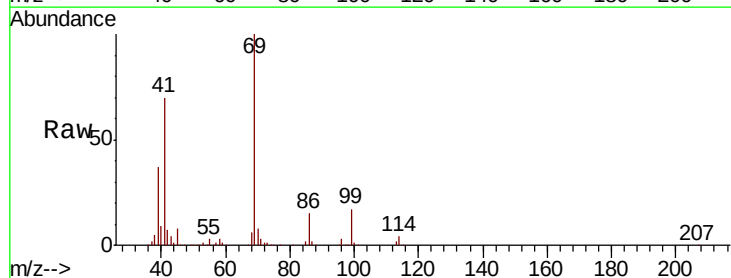
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

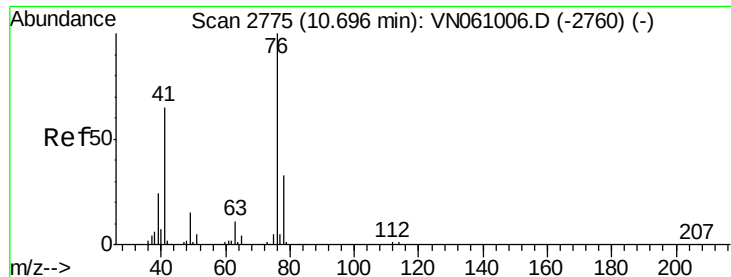
Tot Ion	97	Resp	200848
Ion	Ratio	Lower	Upper
97	100		
83	90.4	69.5	104.3
85	58.2	45.0	67.4
99	63.0	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 112.684 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

Tgt Ion	69	Resp	347454
Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.7	85.1
39	36.2	29.4	44.0





#57

1,3-Dichloropropane

Concen: 104.801 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

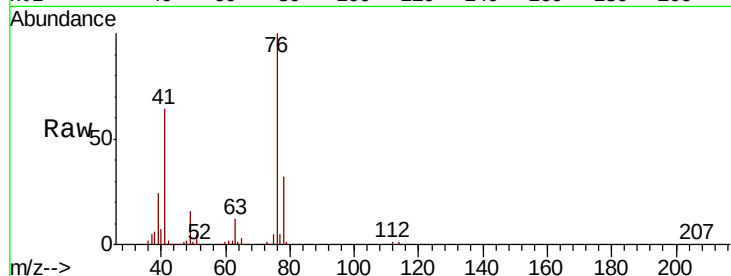
VSTDIC100

Tot Ion: 76 Resp: 359946

Ion Ratio Lower Upper

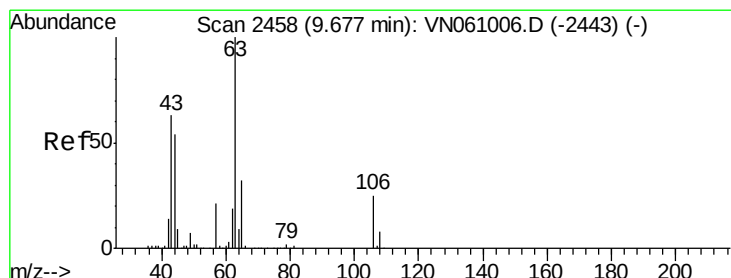
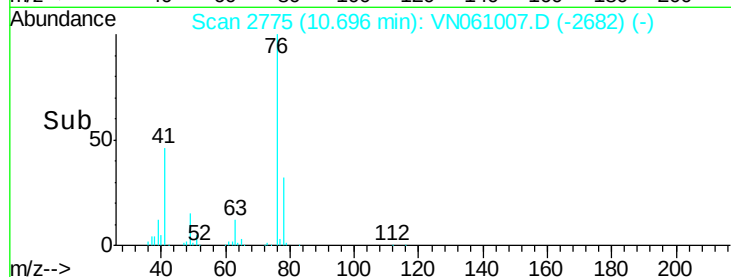
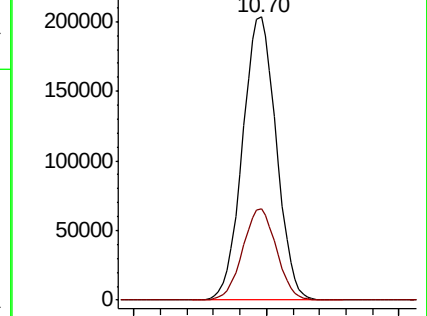
76 100

78 32.1 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 542.480 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. 0.00 min

Lab File: VN061007.D

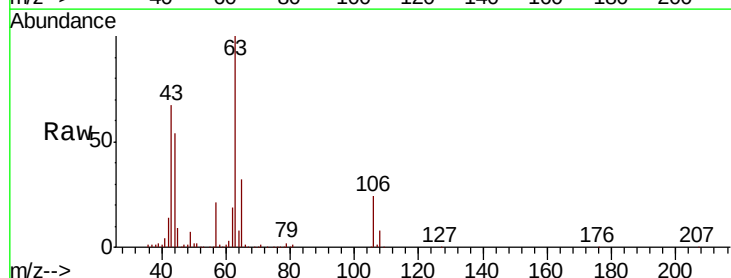
Acq: 16 Apr 2020 12:41

Tgt Ion: 63 Resp: 798007

Ion Ratio Lower Upper

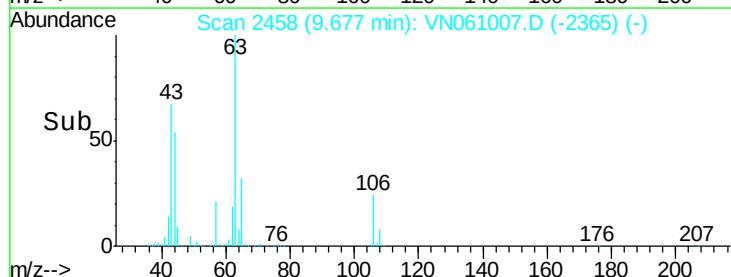
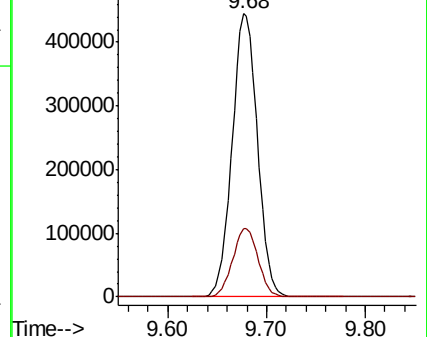
63 100

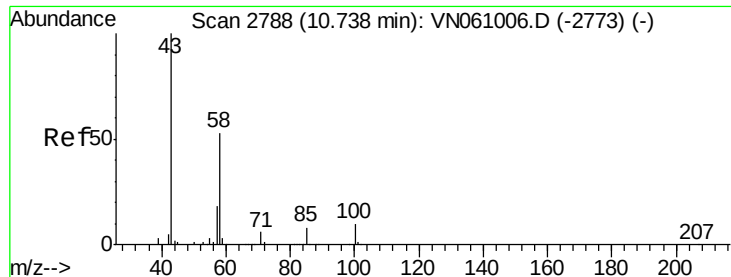
106 24.3 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

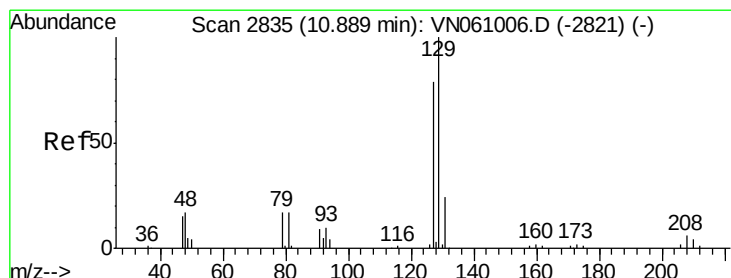
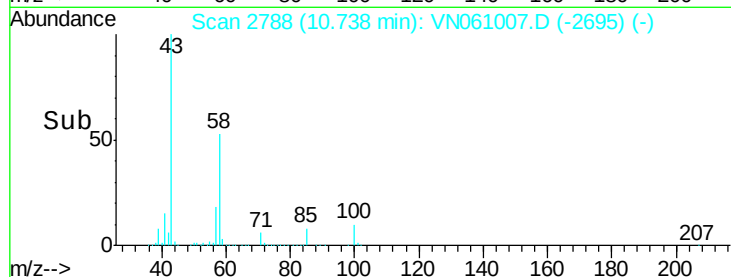
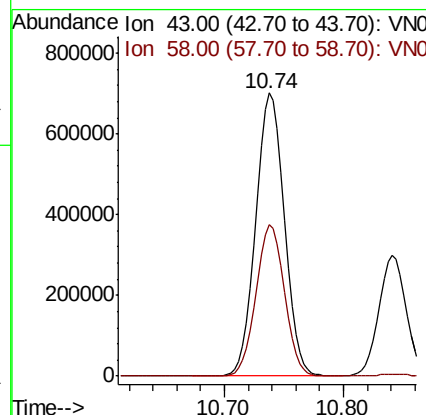
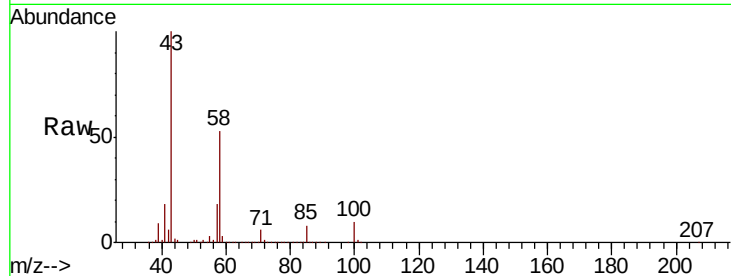




#59
2-Hexanone
Concen: 564.503 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

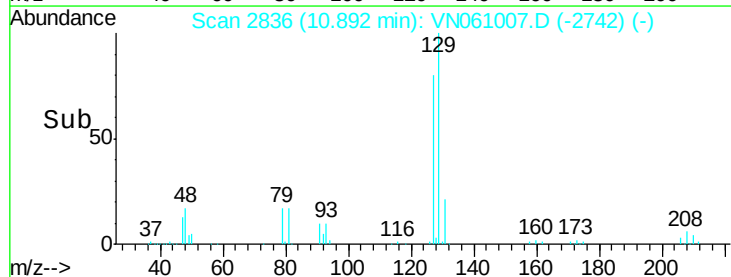
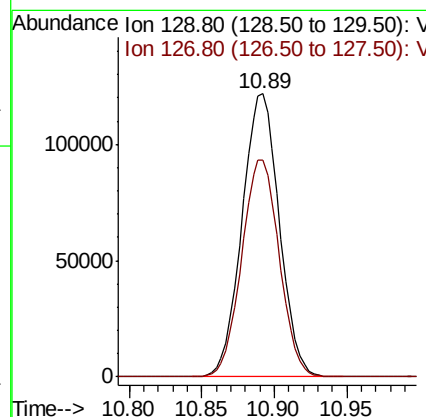
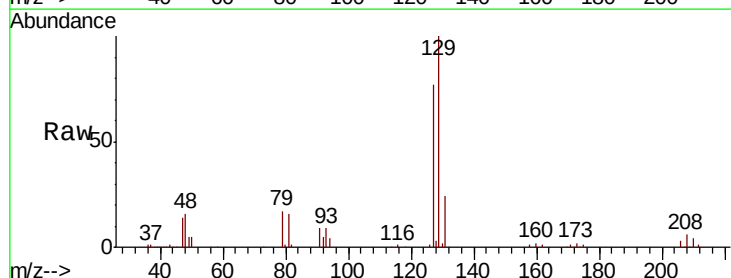
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

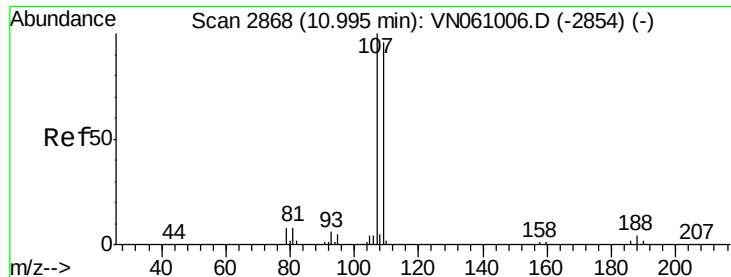
Tot Ion: 43 Resp: 1168215
Ion Ratio Lower Upper
43 100
58 53.3 26.4 79.0



#60
Dibromochloromethane
Concen: 107.047 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

Tgt Ion: 129 Resp: 217697
Ion Ratio Lower Upper
129 100
127 77.3 39.0 116.9

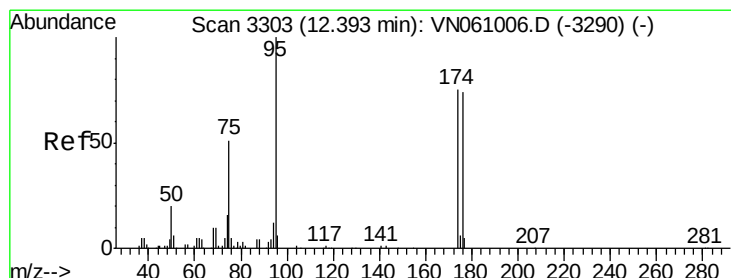
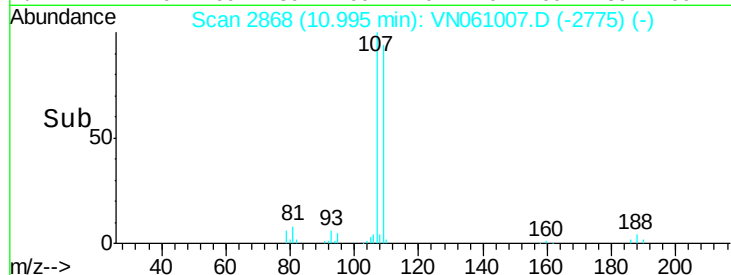
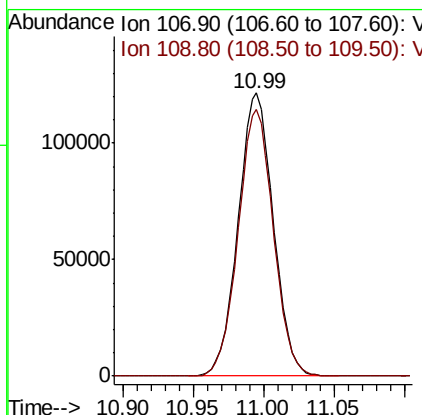
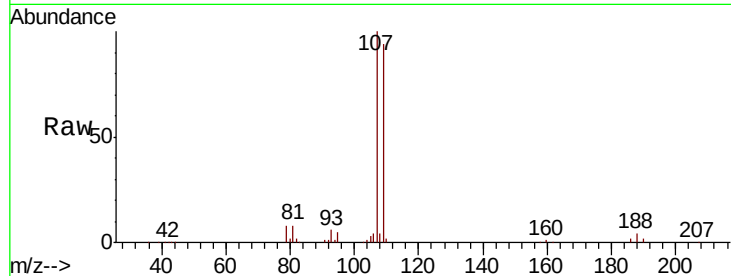




#61
 1,2-Dibromoethane
 Concen: 107.127 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

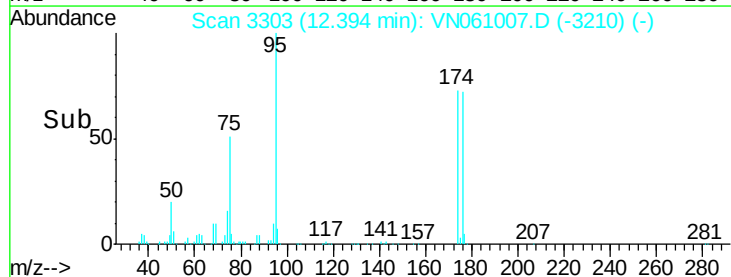
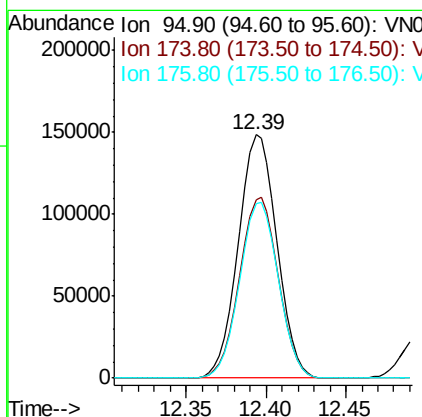
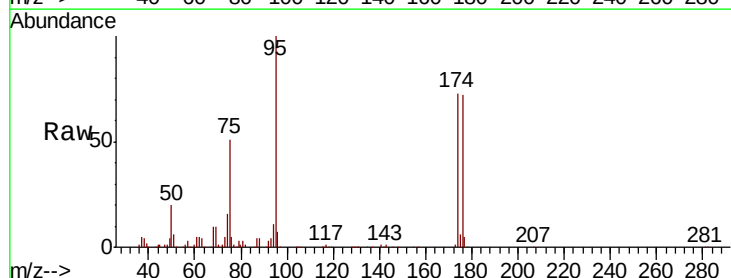
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

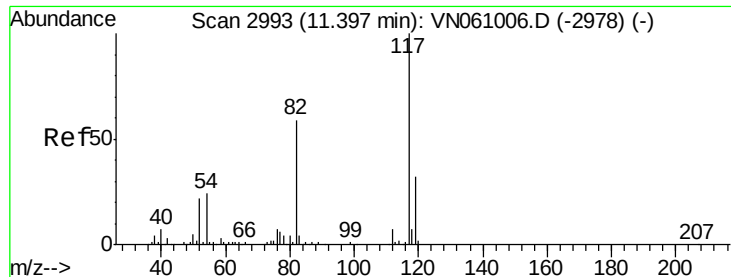
Tot Ion:107 Resp: 212086
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 95.070 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

Tgt Ion: 95 Resp: 243959
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 151.2
 176 72.6 0.0 148.2

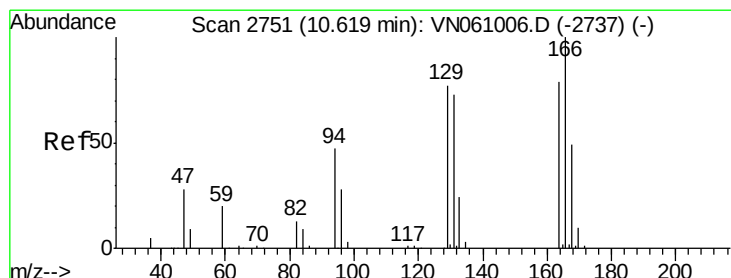
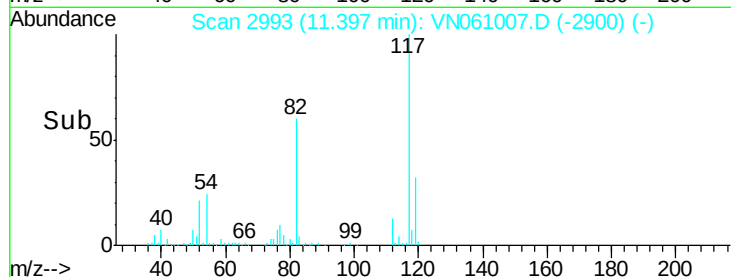
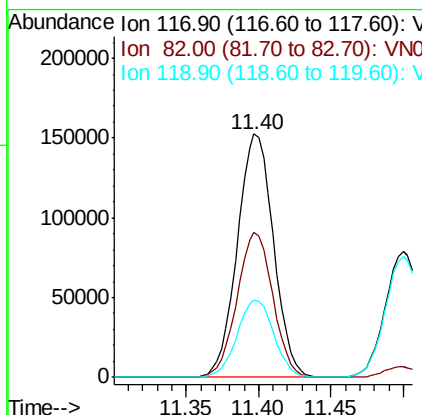
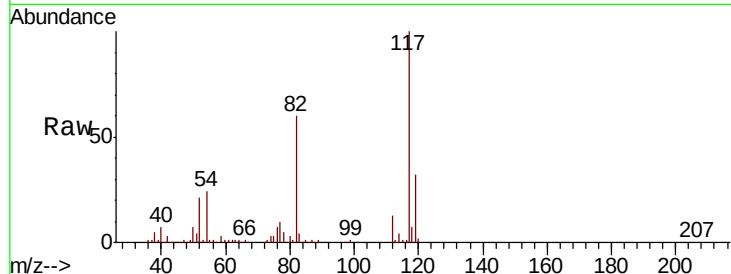




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

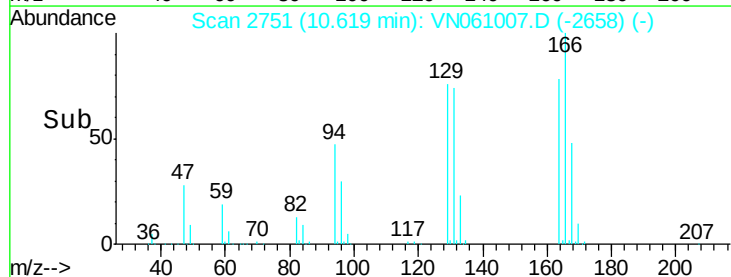
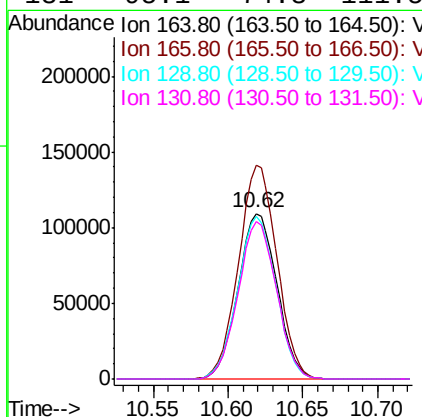
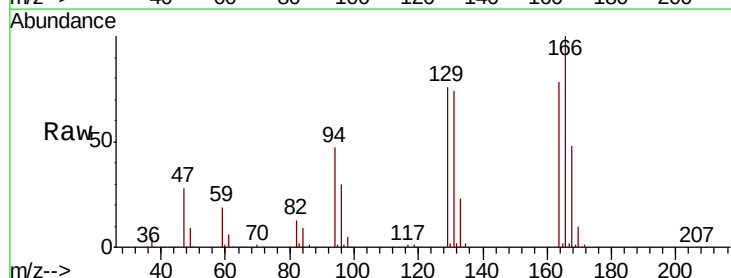
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

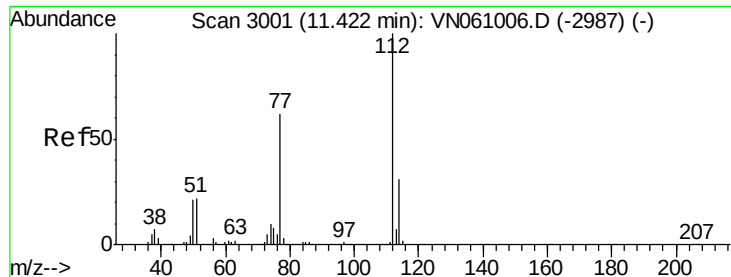
Tot Ion:117 Resp: 264588
Ion Ratio Lower Upper
117 100
82 59.6 47.1 70.7
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 95.572 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

Tgt Ion:164 Resp: 197980
Ion Ratio Lower Upper
164 100
166 128.9 101.6 152.4
129 97.7 78.5 117.7
131 95.1 74.3 111.5

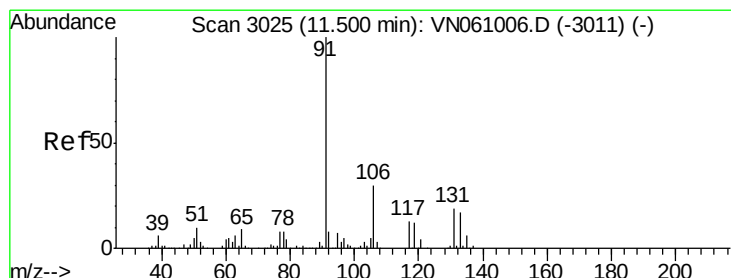
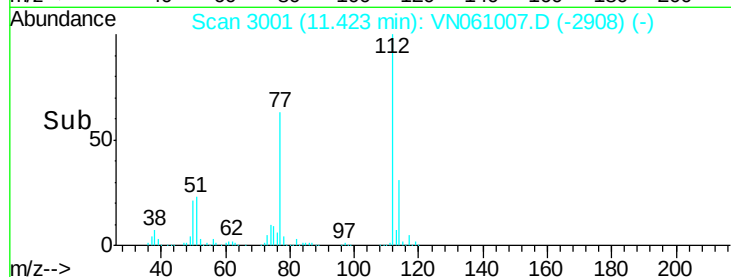
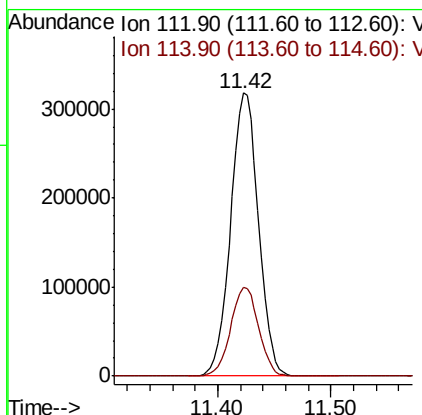
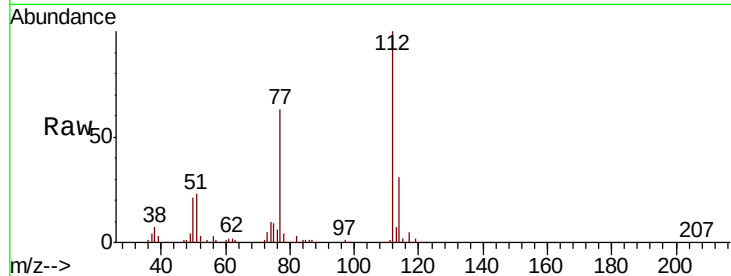




#65
Chlorobenzene
Concen: 103.154 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

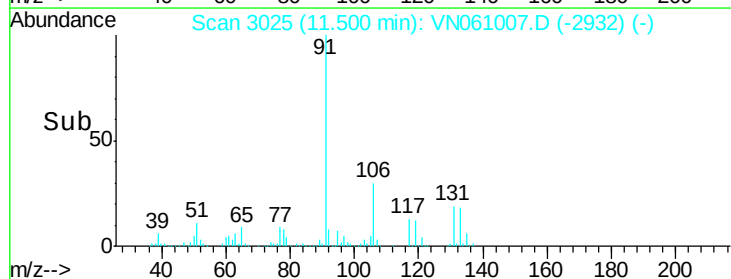
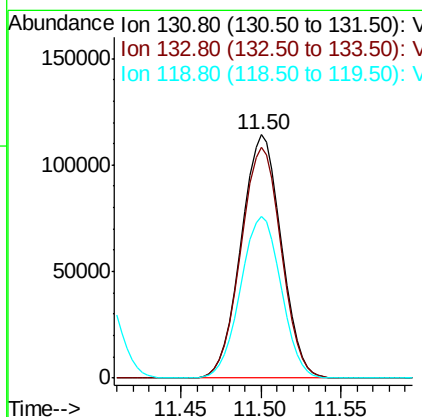
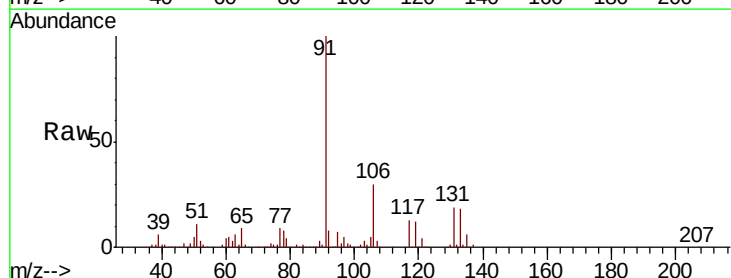
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

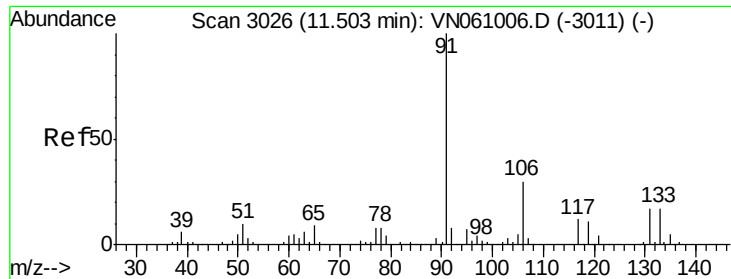
Tot Ion:112 Resp: 544217
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 102.684 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

Tgt Ion:131 Resp: 195851
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.8
119 67.1 33.3 99.8

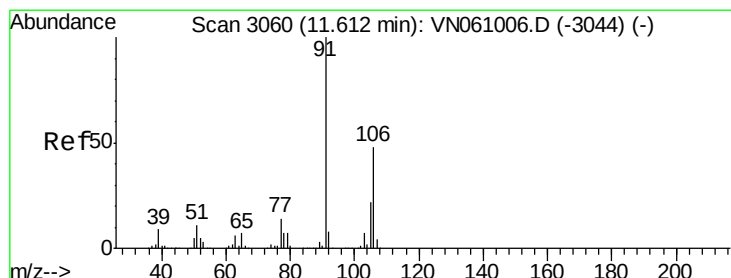
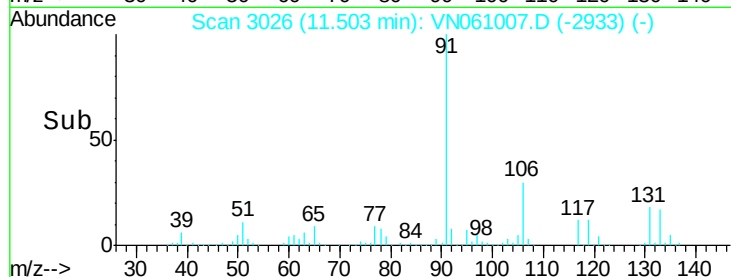
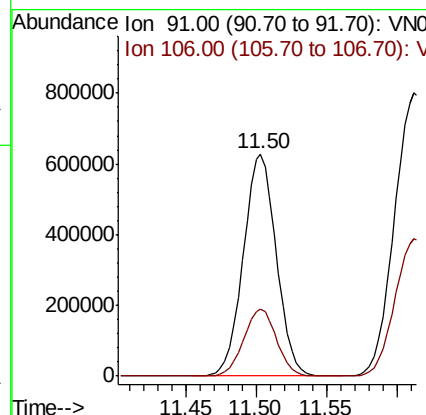
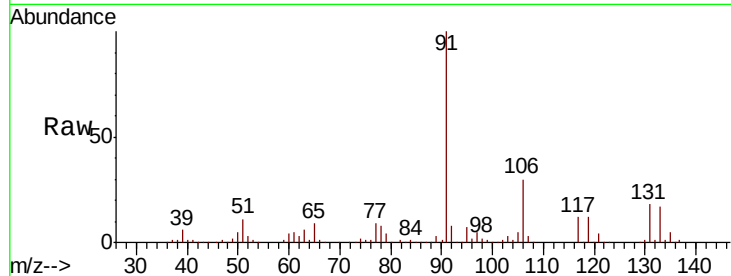




#67
Ethyl Benzene
Concen: 104.643 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

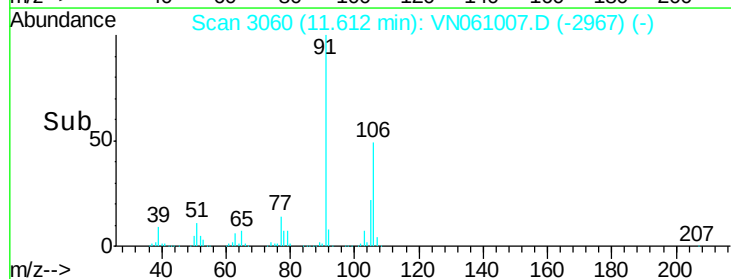
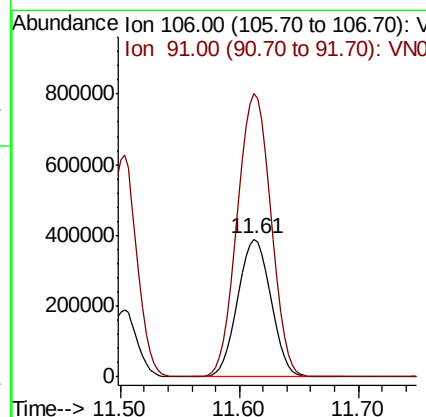
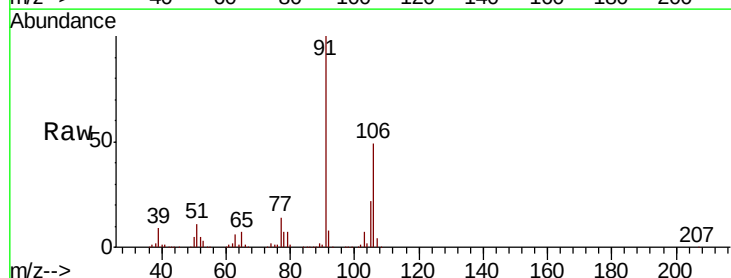
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

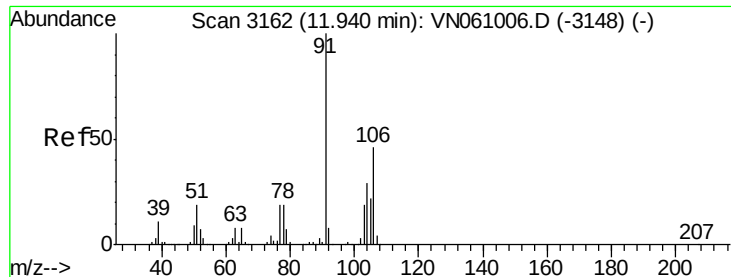
Tot Ion: 91 Resp: 1026749
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.8



#68
m/p-Xylenes
Concen: 208.133 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

Tgt Ion: 106 Resp: 755842
Ion Ratio Lower Upper
106 100
91 208.2 167.9 251.9

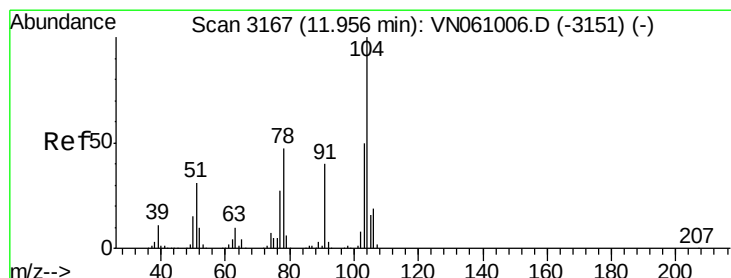
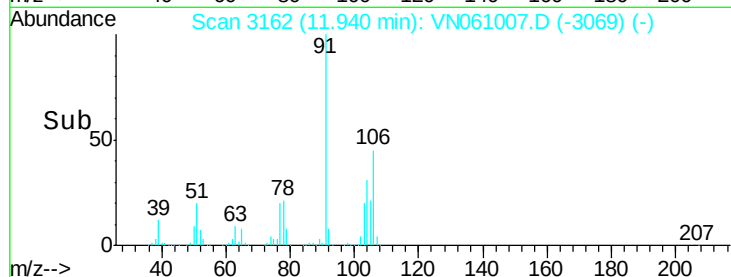
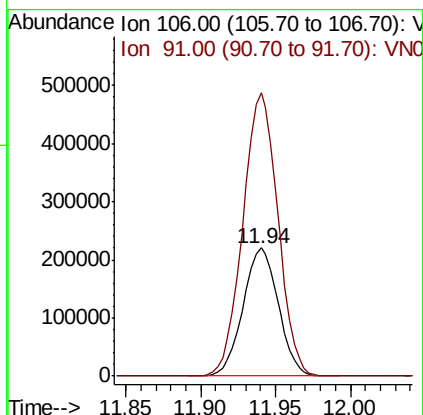
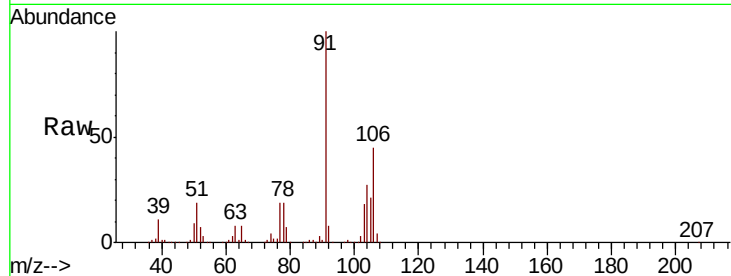




#69
o-Xylene
Concen: 104.276 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

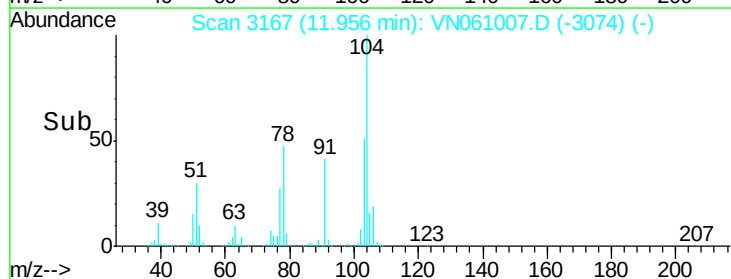
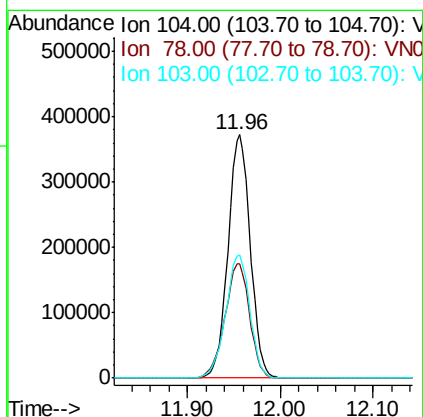
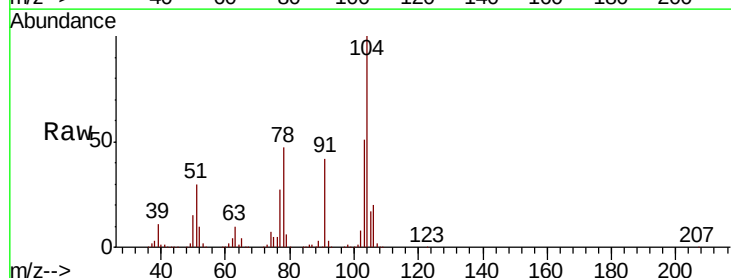
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

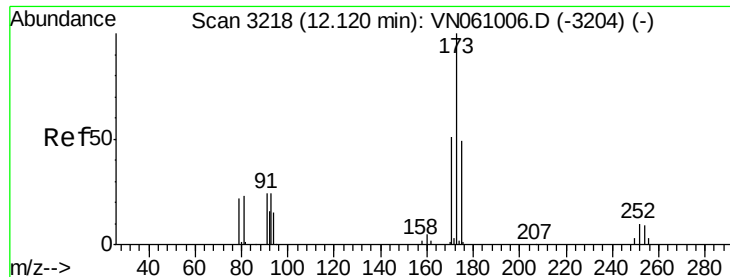
Tot Ion:106 Resp: 361415
Ion Ratio Lower Upper
106 100
91 220.1 110.7 332.1



#70
Styrene
Concen: 109.042 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

Tgt Ion:104 Resp: 618770
Ion Ratio Lower Upper
104 100
78 52.1 42.2 63.4
103 54.9 44.4 66.6





#71

Bromoform

Concen: 111.673 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

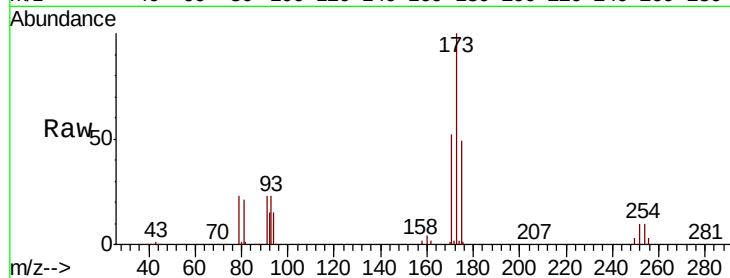
Tot Ion:173 Resp: 158743

Ion Ratio Lower Upper

173 100

175 48.4 24.5 73.5

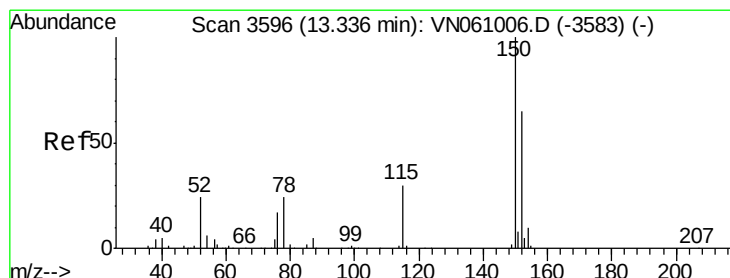
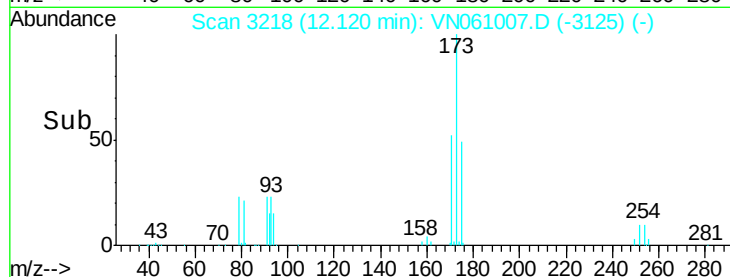
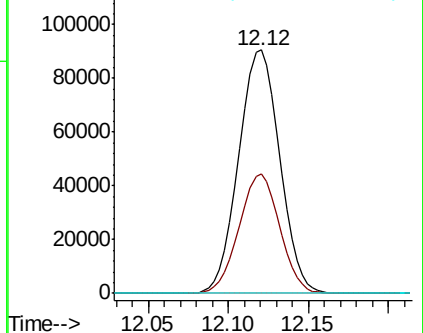
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

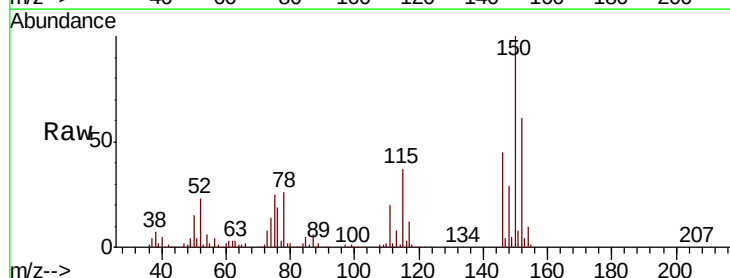
Tgt Ion:152 Resp: 128208

Ion Ratio Lower Upper

152 100

115 60.8 30.8 92.4

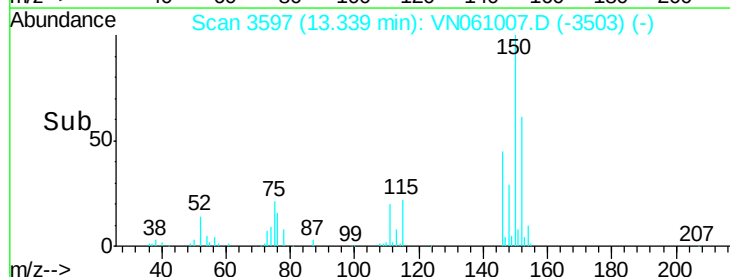
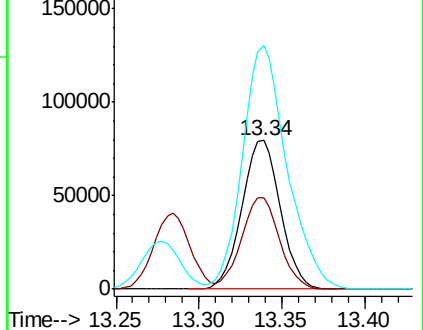
150 189.2 0.0 349.0

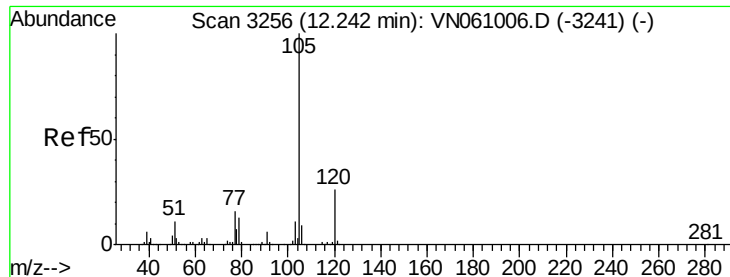


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 100.072 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

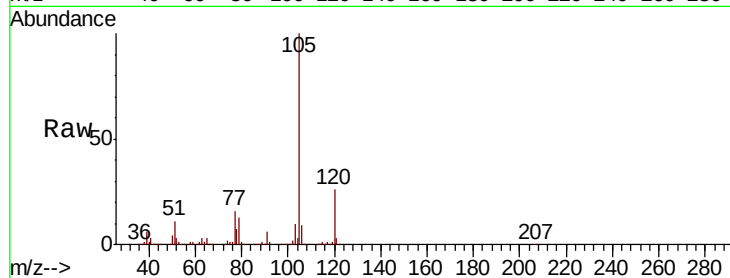
VSTDIC100

Tot Ion:105 Resp: 968381

Ion Ratio Lower Upper

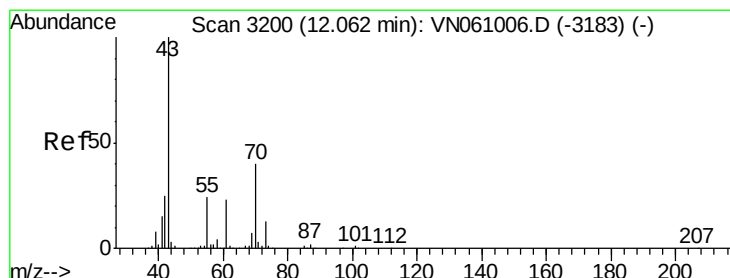
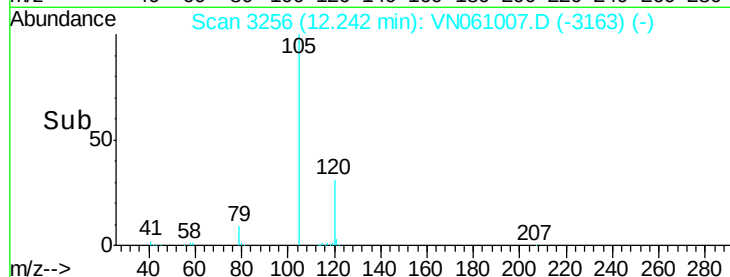
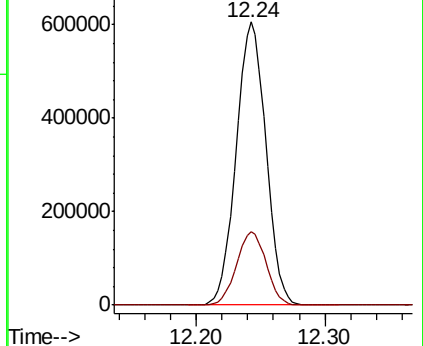
105 100

120 25.8 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 106.399 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Tgt Ion: 43 Resp: 477738

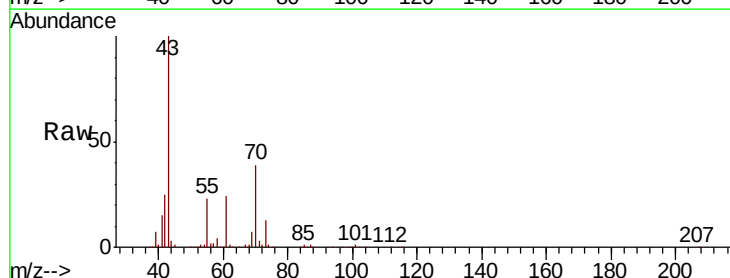
Ion Ratio Lower Upper

43 100

70 38.7 31.0 46.6

55 22.7 18.6 27.8

61 23.3 18.2 27.4

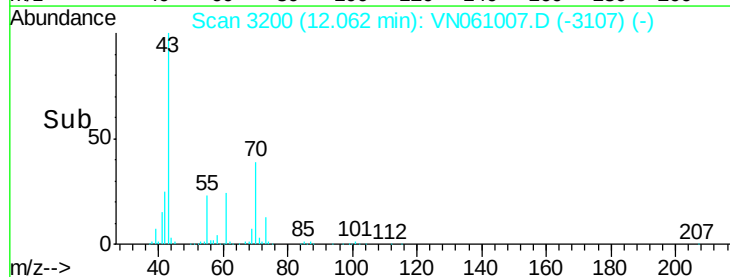
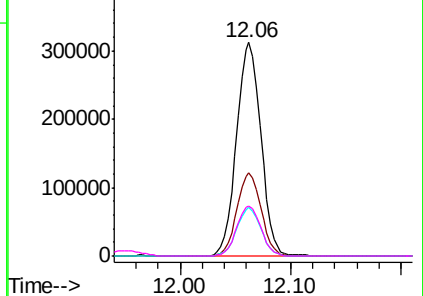


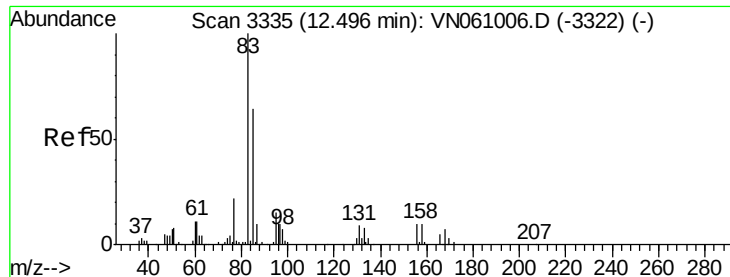
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 103.765 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

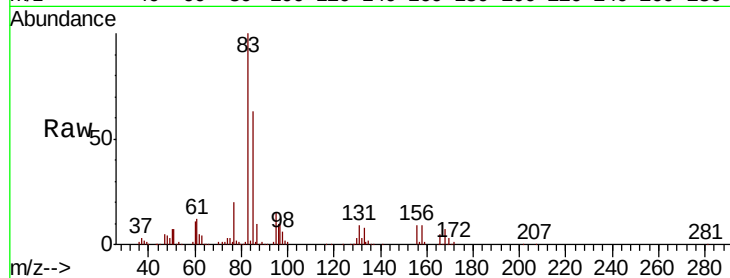
Tot Ion: 83 Resp: 305217

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

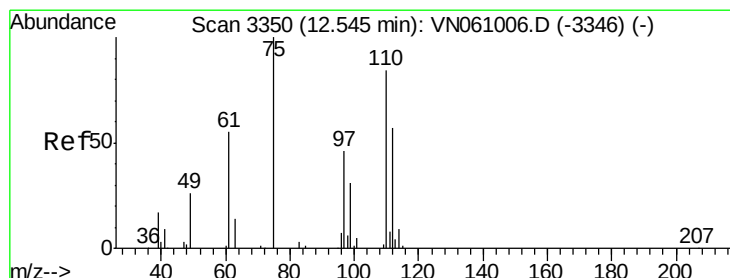
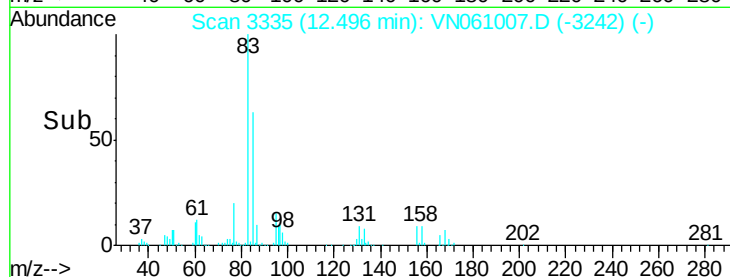
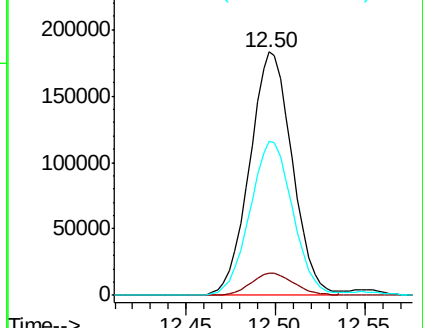
85 63.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN061007.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN061007.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN061007.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 151.703 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN061007.D

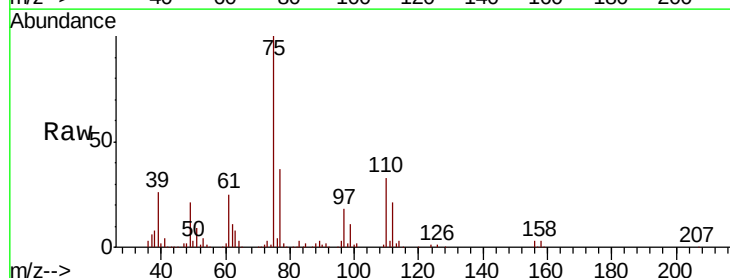
Acq: 16 Apr 2020 12:41

Tgt Ion: 75 Resp: 421217

Ion Ratio Lower Upper

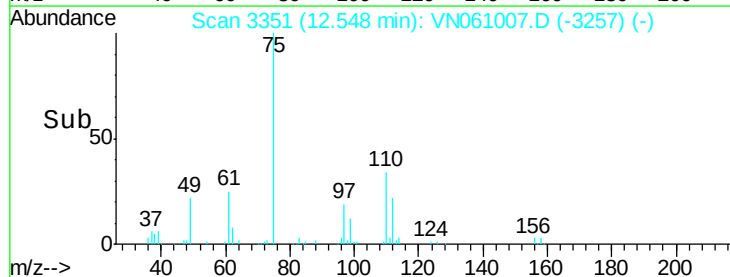
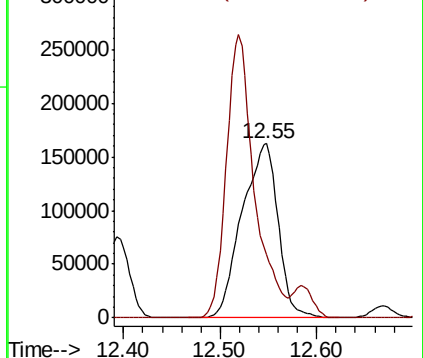
75 100

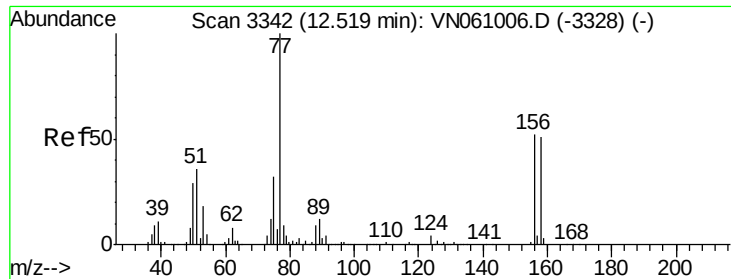
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061007.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN061007.D (-3351) (-)





#77

Bromobenzene

Concen: 98.631 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

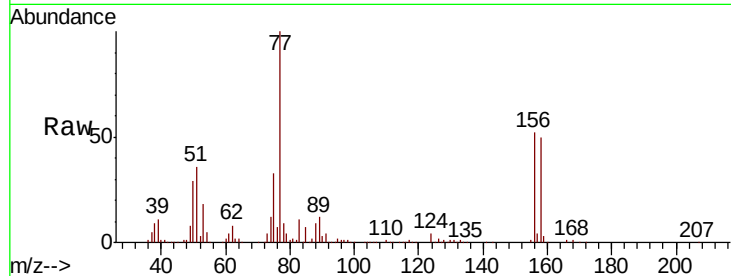
Tot Ion:156 Resp: 229107

Ion Ratio Lower Upper

156 100

77 232.5 115.6 346.8

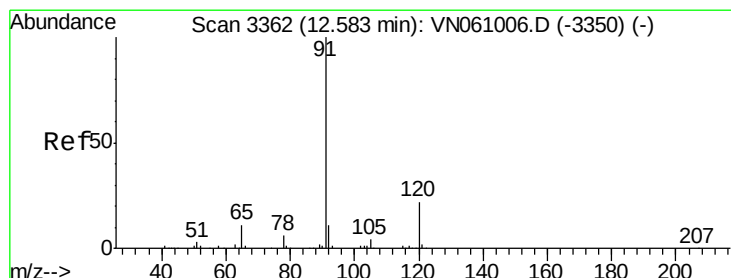
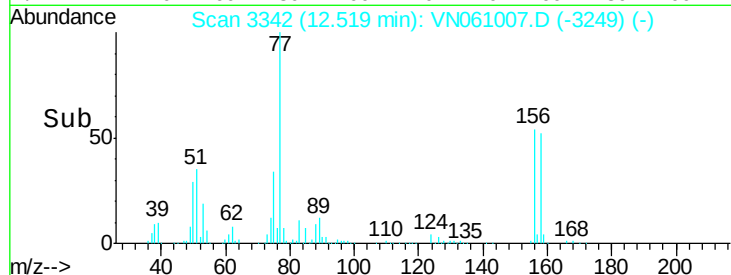
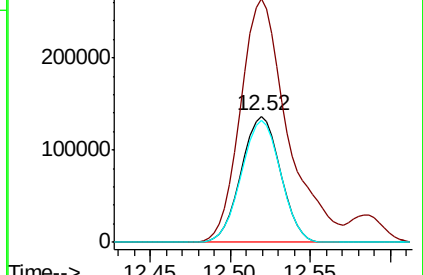
158 96.7 48.9 146.6



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: 101.699 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VN061007.D

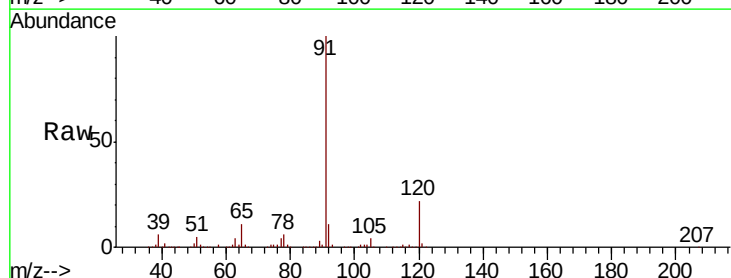
Acq: 16 Apr 2020 12:41

Tgt Ion: 91 Resp: 1166423

Ion Ratio Lower Upper

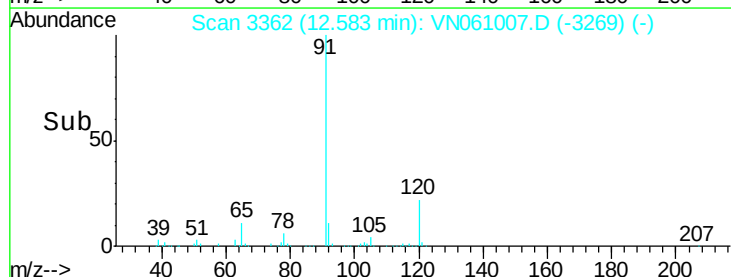
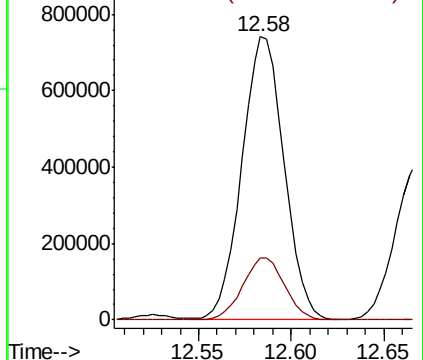
91 100

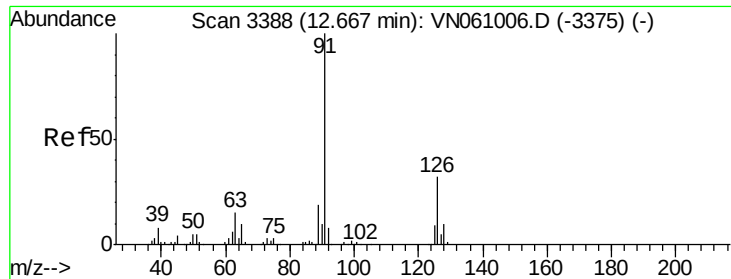
120 21.9 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

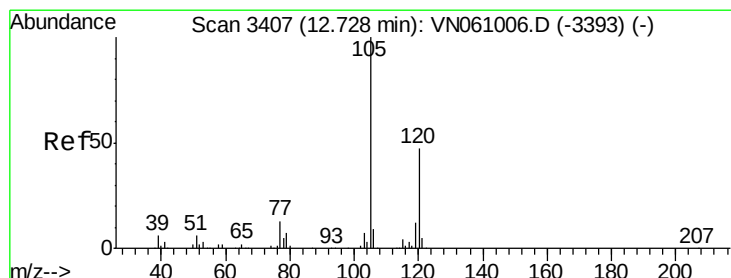
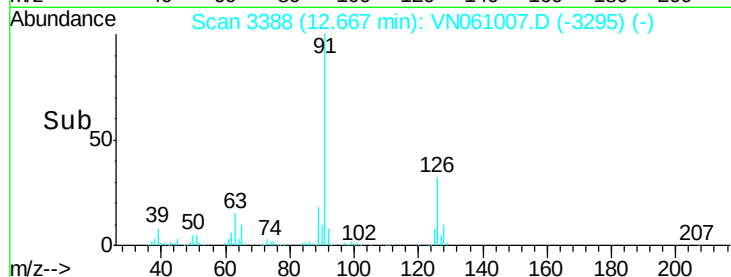
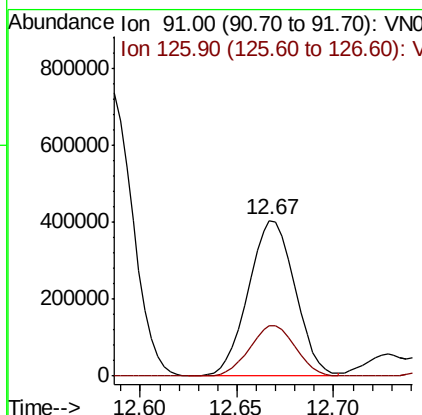
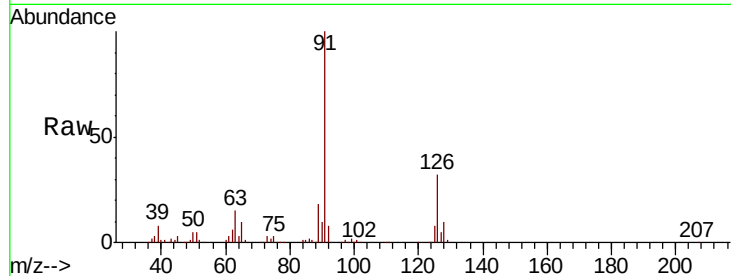




#79
 2-Chlorotoluene
 Concen: 99.330 ug/l
 RT: 12.67 min Scan# 3388
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

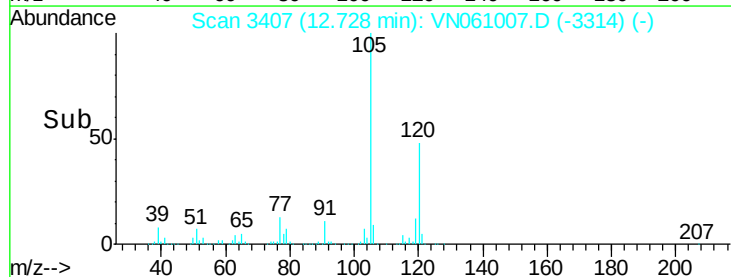
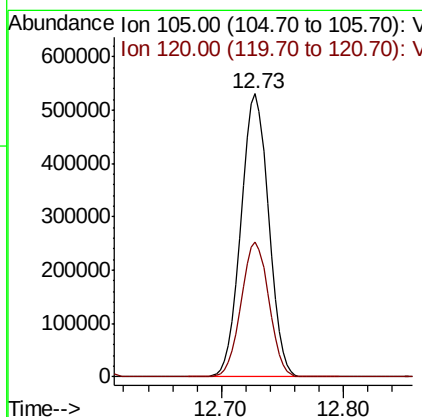
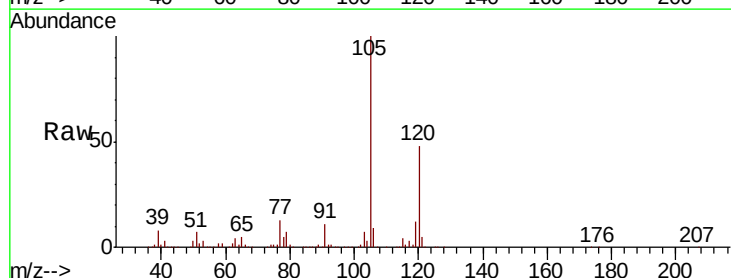
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

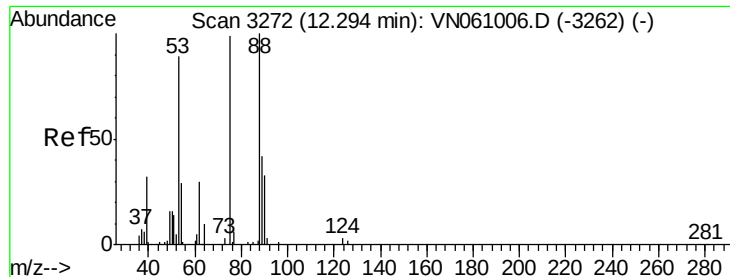
Tot Ion: 91 Resp: 678043
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.1 48.2



#80
 1,3,5-Trimethylbenzene
 Concen: 100.651 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

Tgt Ion: 105 Resp: 827176
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.6 70.8

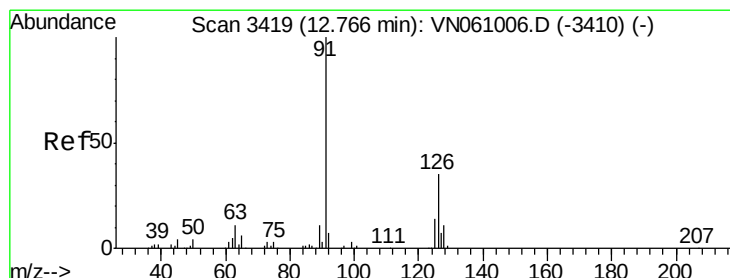
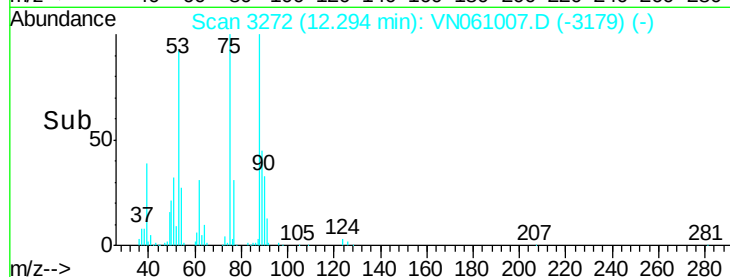
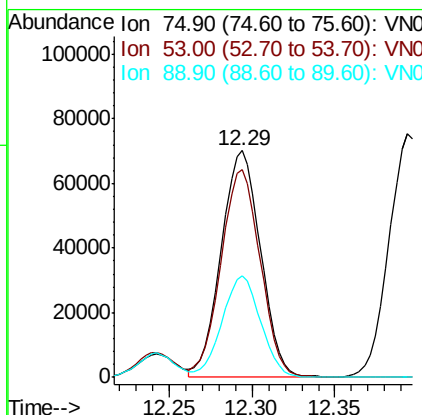
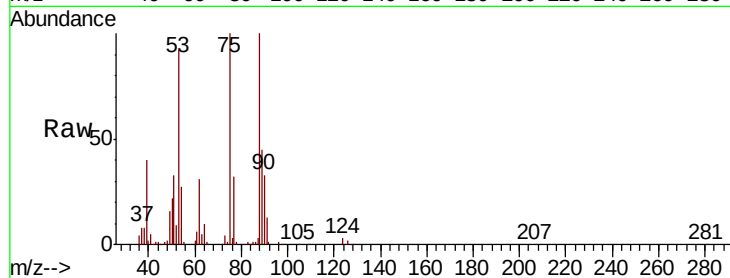




#81
trans-1,4-Dichloro-2-butene
Concen: 107.112 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

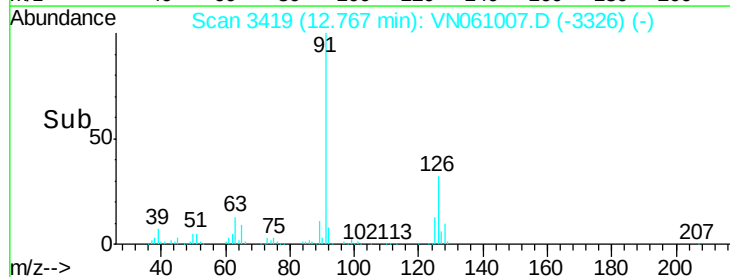
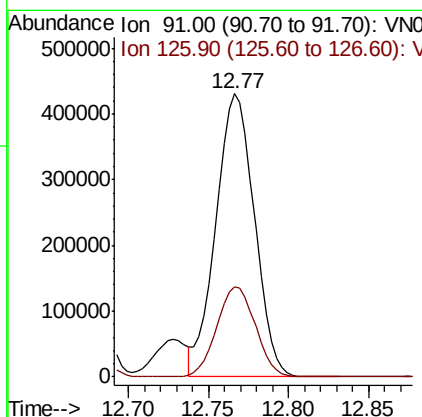
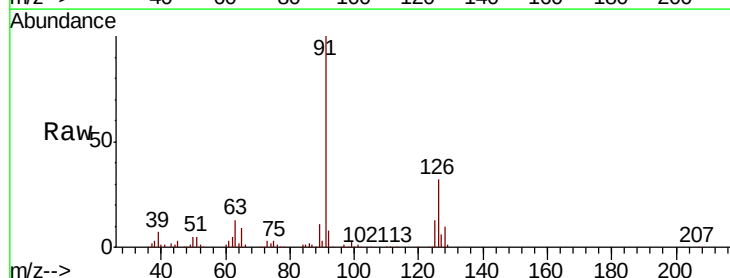
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

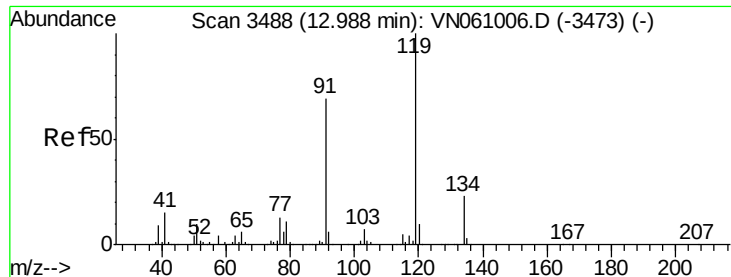
Tot Ion: 75 Resp: 116402
Ion Ratio Lower Upper
75 100
53 91.4 74.7 112.1
89 43.9 34.6 52.0



#82
4-Chlorotoluene
Concen: 102.199 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. 0.00 min
Lab File: VN061007.D
Acq: 16 Apr 2020 12:41

Tgt Ion: 91 Resp: 712133
Ion Ratio Lower Upper
91 100
126 31.9 15.9 47.6

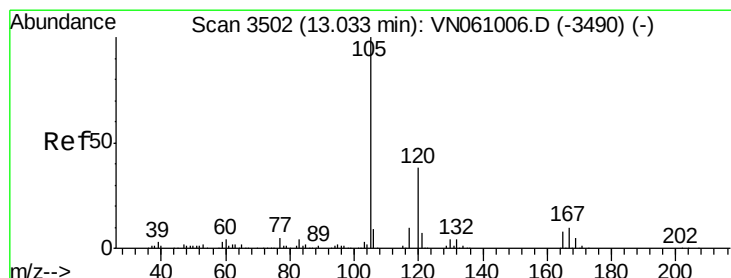
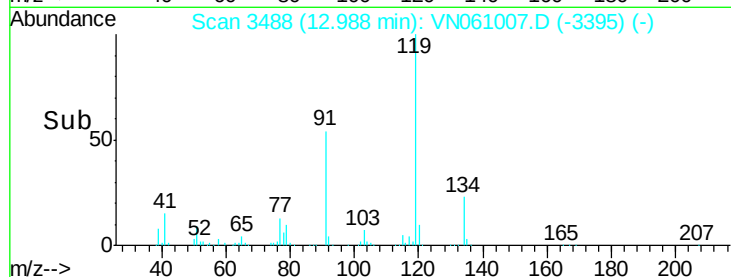
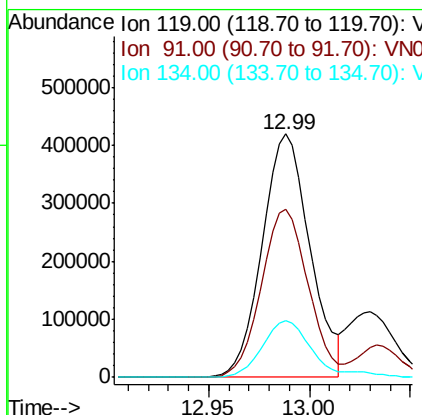
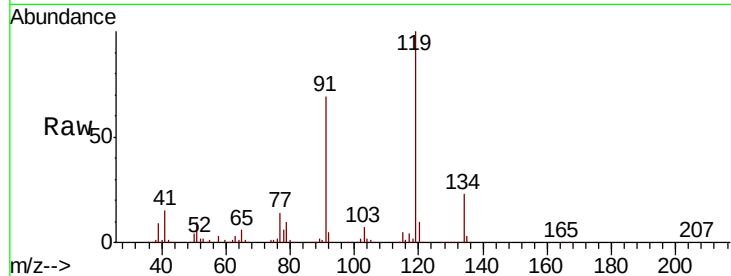




#83
 tert-Butylbenzene
 Concen: 101.615 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

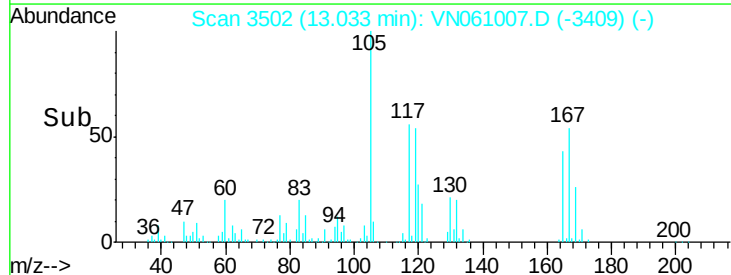
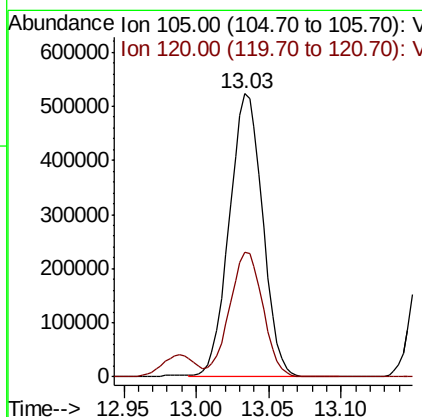
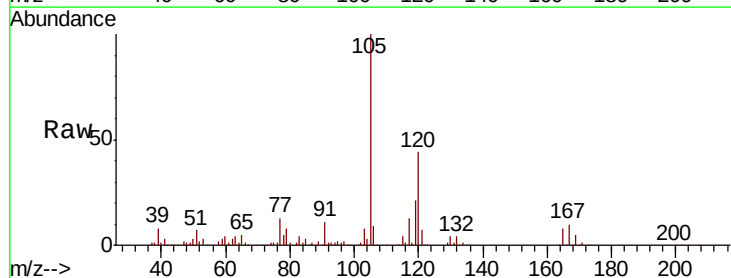
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

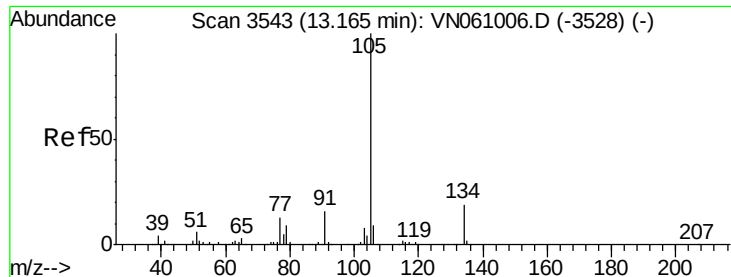
Tot Ion:119 Resp: 692403
 Ion Ratio Lower Upper
 119 100
 91 68.0 34.1 102.3
 134 24.7 12.4 37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 102.705 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

Tgt Ion:105 Resp: 834373
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5





#85

sec-Butylbenzene

Concen: 103.313 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

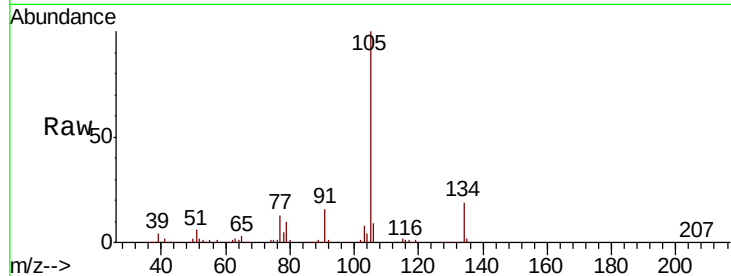
VSTDIC100

Tot Ion:105 Resp: 948894

Ion Ratio Lower Upper

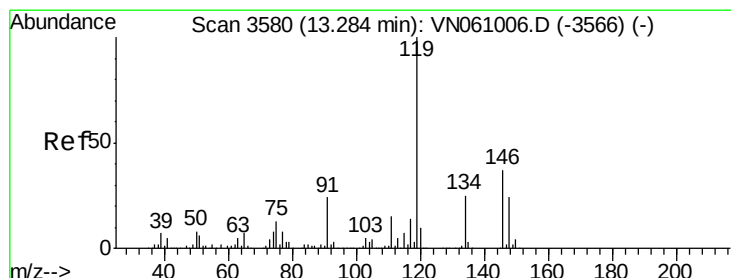
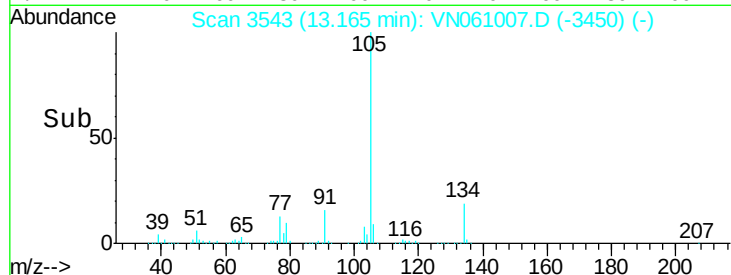
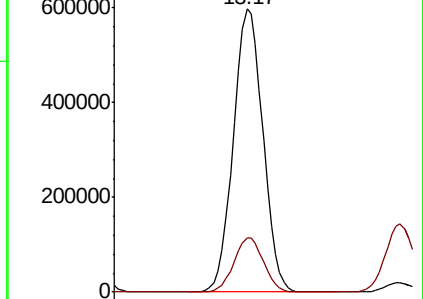
105 100

134 19.1 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: 103.529 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

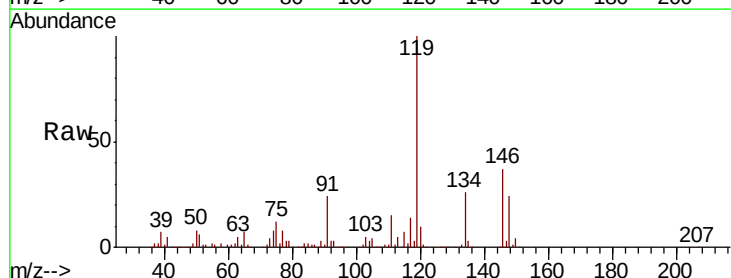
Tgt Ion:119 Resp: 854230

Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.4

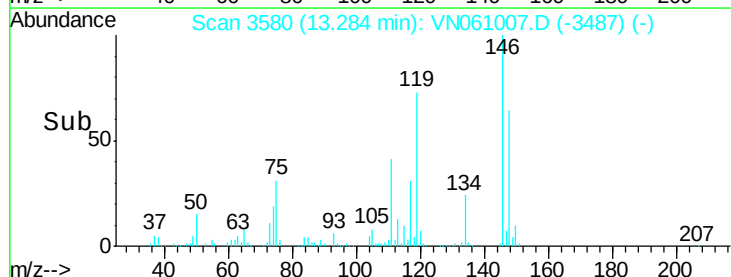
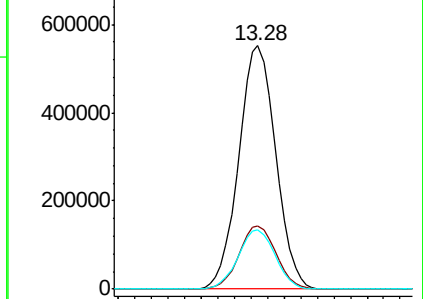
91 24.4 12.3 36.8

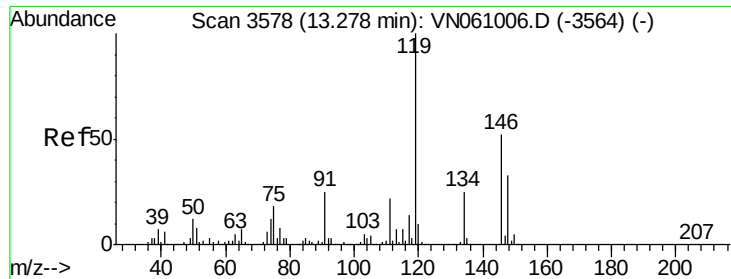


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

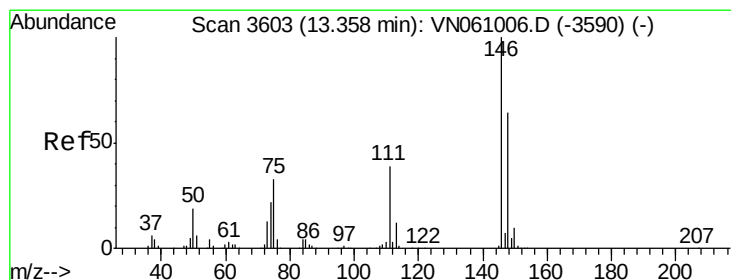
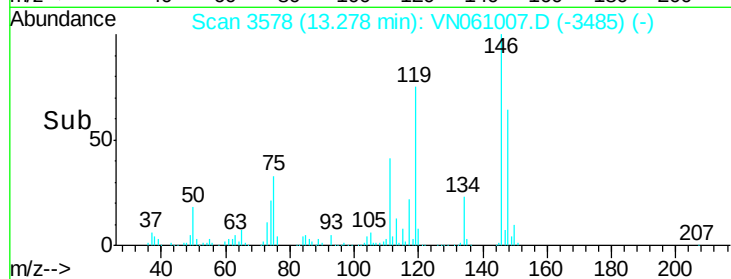
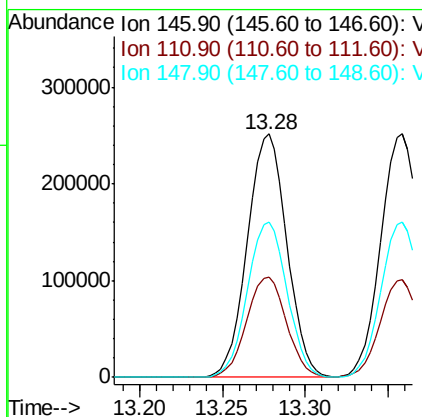
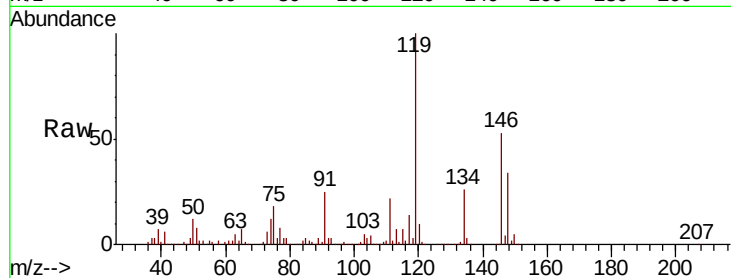




#87
 1,3-Dichlorobenzene
 Concen: 101.315 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

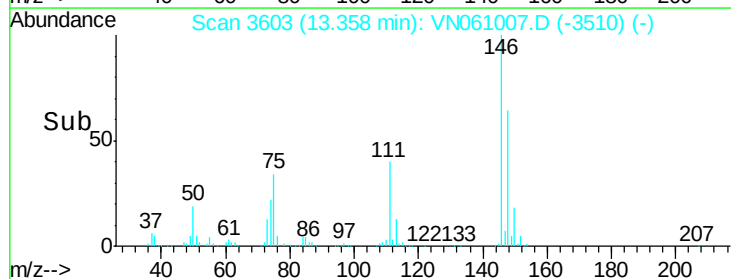
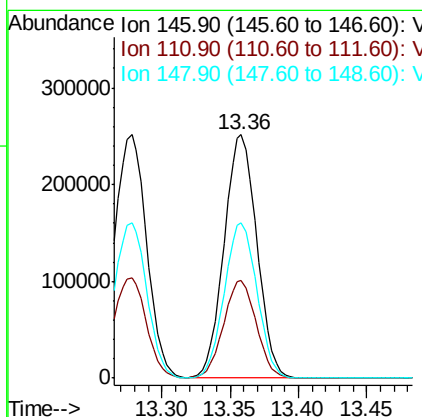
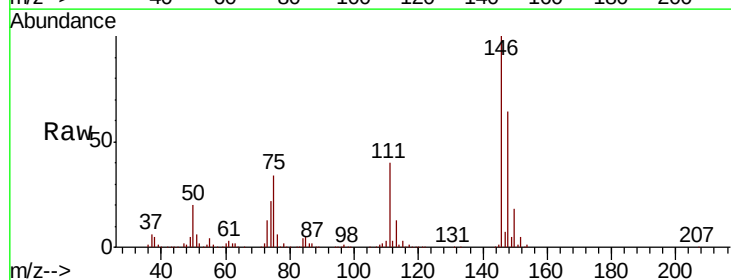
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

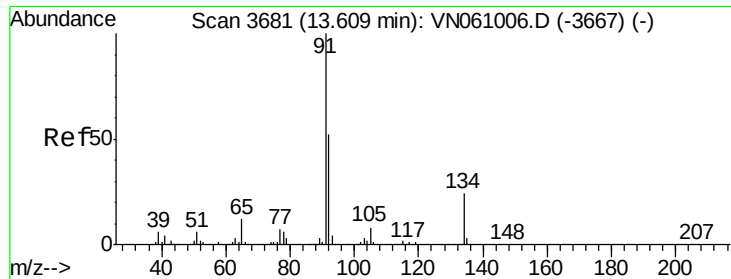
Tot Ion:146 Resp: 416582
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.6 61.8
 148 64.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 101.605 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

Tgt Ion:146 Resp: 419138
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.1 60.3
 148 63.7 32.1 96.3





#89

n-Butylbenzene

Concen: 108.809 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

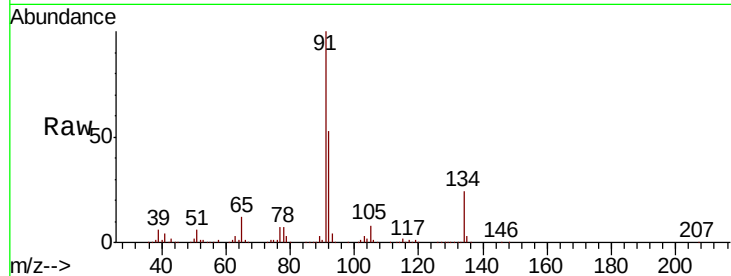
Tot Ion: 91 Resp: 814614

Ion Ratio Lower Upper

91 100

92 52.7 26.1 78.2

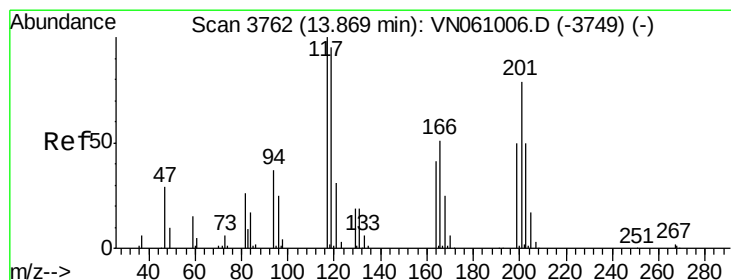
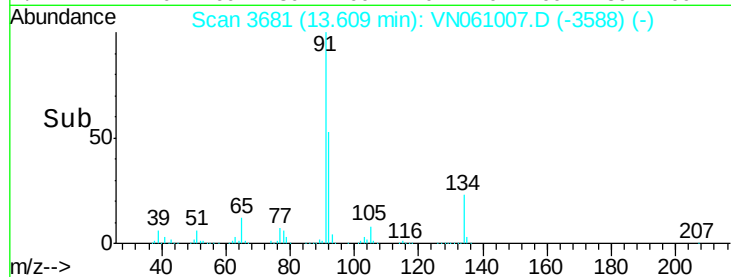
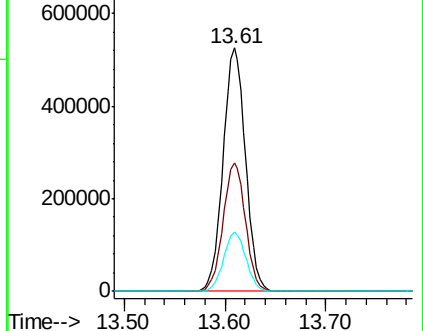
134 24.4 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN061007.D (-3588) (-)

Ion 92.00 (91.70 to 92.70): VN061007.D (-3588) (-)

Ion 134.00 (133.70 to 134.70): VN061007.D (-3588) (-)



#90

Hexachloroethane

Concen: 110.602 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN061007.D

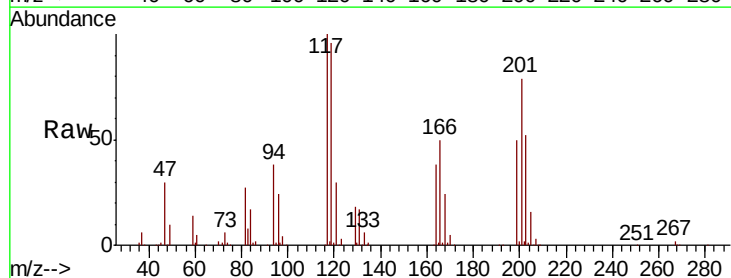
Acq: 16 Apr 2020 12:41

Tgt Ion: 117 Resp: 133061

Ion Ratio Lower Upper

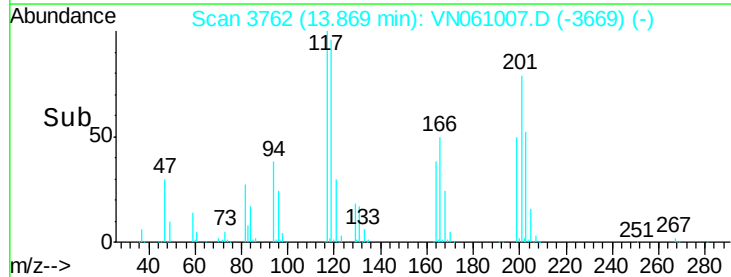
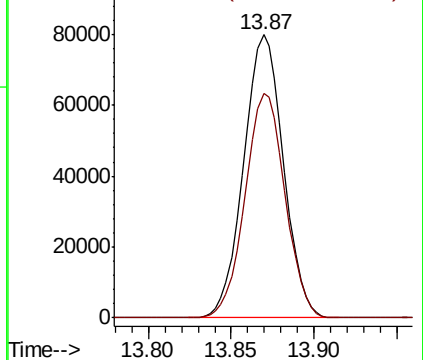
117 100

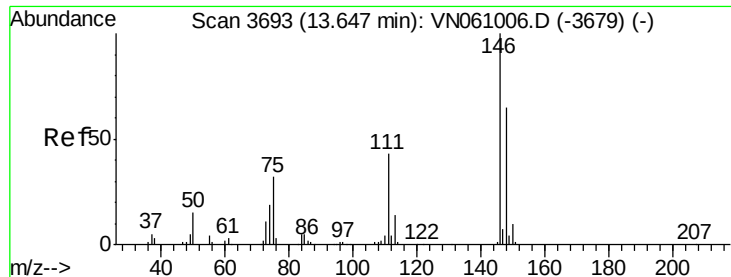
201 79.7 39.3 117.9



Abundance Ion 116.80 (116.50 to 117.50): VN061007.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN061007.D (-3669) (-)

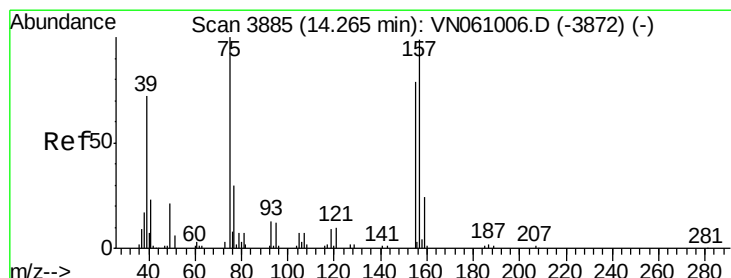
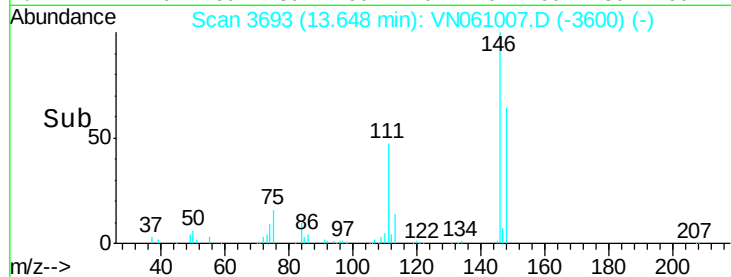
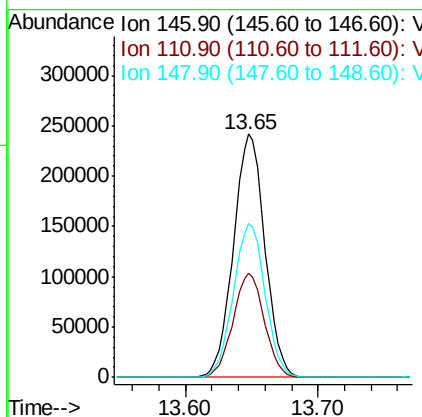
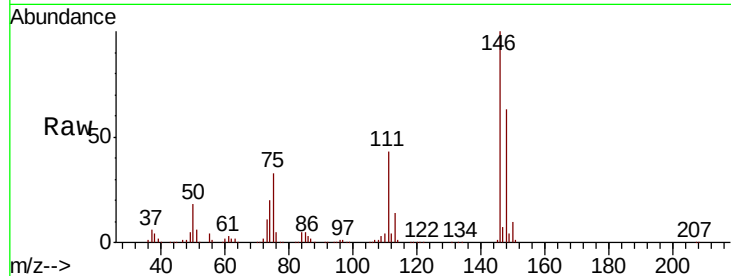




#91
 1,2-Dichlorobenzene
 Concen: 101.359 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

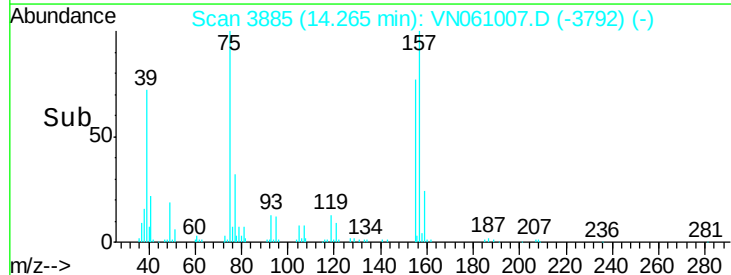
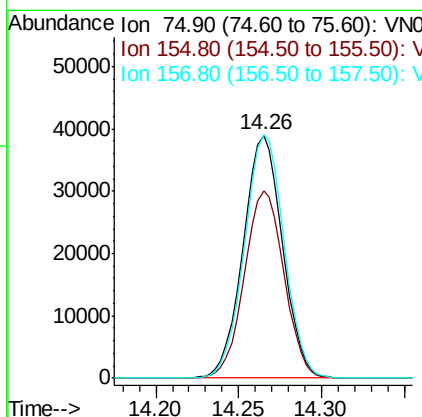
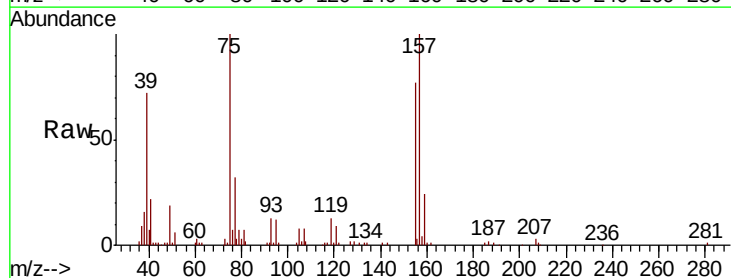
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

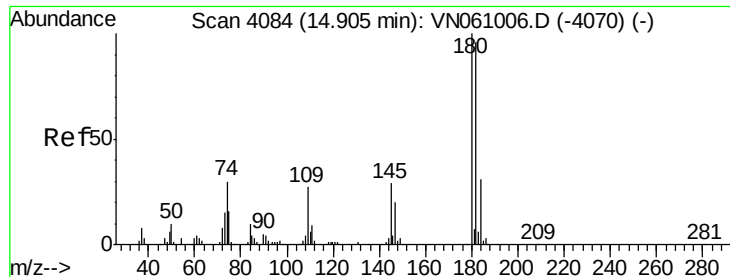
Tot Ion:146 Resp: 397352
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.3 64.0
 148 63.8 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 97.579 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN061007.D
 Acq: 16 Apr 2020 12:41

Tgt Ion: 75 Resp: 64310
 Ion Ratio Lower Upper
 75 100
 155 77.4 39.5 118.5
 157 100.9 50.1 150.4





#93

1,2,4-Trichlorobenzene

Concen: 105.997 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

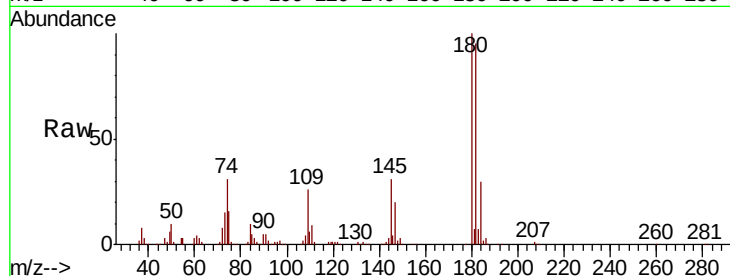
Tot Ion:180 Resp: 255032

Ion Ratio Lower Upper

180 100

182 95.1 47.8 143.3

145 30.9 15.3 45.8

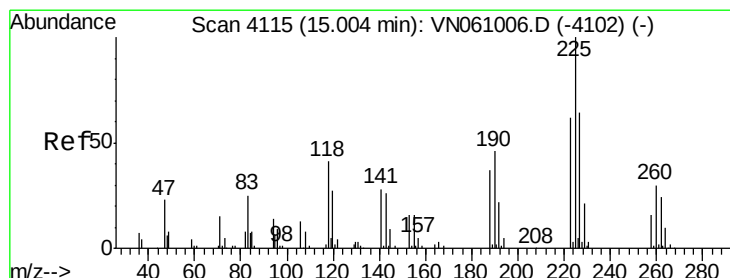
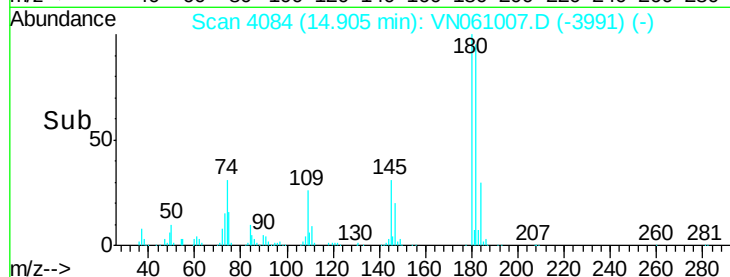
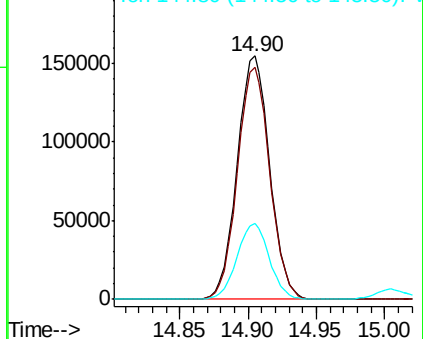


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 101.428 ug/l

RT: 15.00 min Scan# 4115

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

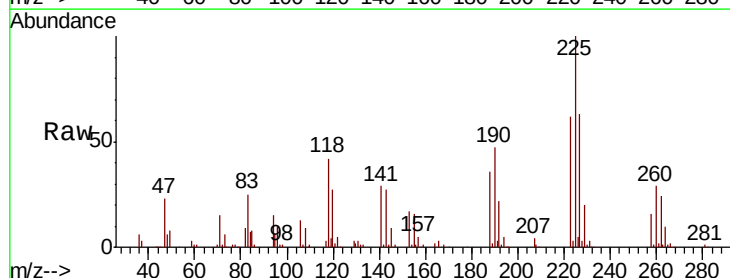
Tgt Ion:225 Resp: 120636

Ion Ratio Lower Upper

225 100

223 62.0 31.3 93.8

227 63.1 31.9 95.5

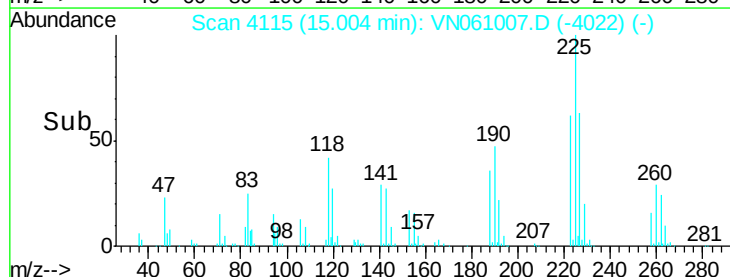
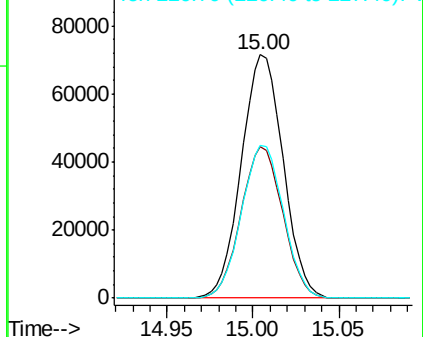


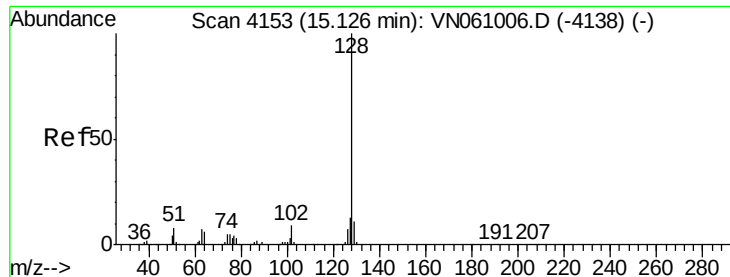
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 104.324 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

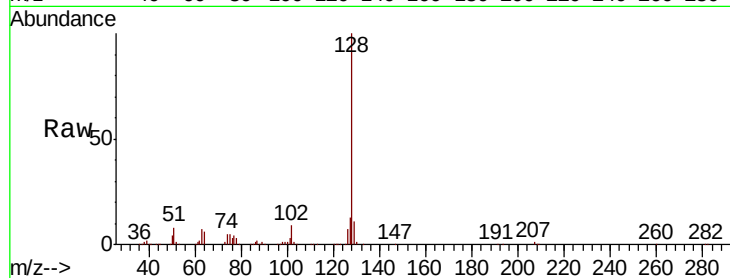
Tot Ion:128 Resp: 751061

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

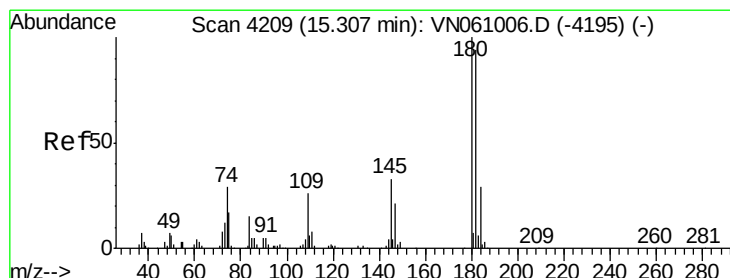
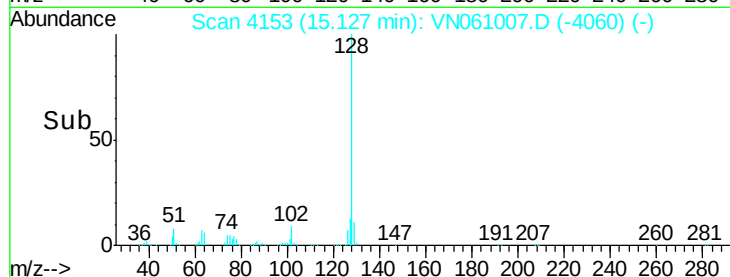
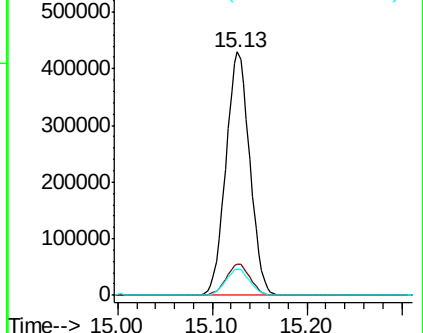
129 10.8 8.6 13.0



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: 101.926 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN061007.D

Acq: 16 Apr 2020 12:41

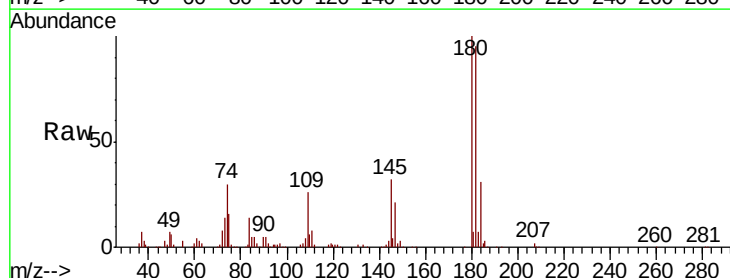
Tgt Ion:180 Resp: 241602

Ion Ratio Lower Upper

180 100

182 94.4 47.6 142.8

145 32.6 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

