

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110220\
 Data File : VX019207.D
 Acq On : 02 Nov 2020 12:01
 Operator : JC/MD
 Sample : VSTD10035
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 02 12:57:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 02 12:49:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	457894	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	429084	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	218952	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	387867	121.70	ug/L	0.00
7) Chloroethane-d5	1.70	69	287808	118.77	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.35	63	660615	106.59	ug/L	0.00
21) 2-Butanone-d5	4.53	46	419777	209.62	ug/L	0.00
24) Chloroform-d	5.14	84	647821	110.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	413966	95.75	ug/L	0.00
32) Benzene-d6	6.05	84	1311722	115.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	388408	110.74	ug/L	0.00
41) Toluene-d8	8.70	98	1230312	110.40	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	212979	107.58	ug/L	0.00
47) 2-Hexanone-d5	9.43	63	347571	238.50	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	498541	107.95	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	435477	103.30	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	316050	84.217	ug/L	100
3) Chloromethane	1.31	50	316654	104.582	ug/L	99
5) Vinyl chloride	1.39	62	359018	106.868	ug/L	99
6) Bromomethane	1.64	94	239871	127.069	ug/L	100
8) Chloroethane	1.72	64	227508	113.274	ug/L	99
9) Trichlorofluoromethane	1.92	101	545002	98.346	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	313911	103.284	ug/L	100
13) Acetone	2.42	43	272834	187.509	ug/L	99
14) Carbon disulfide	2.56	76	913649	105.275	ug/L	99
15) Methyl Acetate	2.75	43	300784	97.927	ug/L	99
16) Methylene chloride	2.84	84	334245	105.806	ug/L	98
17) trans-1,2-Dichloroethene	3.14	96	325345	107.029	ug/L	100
18) Methyl tert-butyl Ether	3.17	73	1048513	108.045	ug/L	100
19) 1,1-Dichloroethane	3.67	63	576911	103.225	ug/L	98
20) cis-1,2-Dichloroethene	4.56	96	360933	108.324	ug/L	98
22) 2-Butanone	4.64	43	436570	198.004	ug/L	99
23) Bromochloromethane	4.98	128	181522	101.468	ug/L	95
25) Chloroform	5.18	83	611520	99.093	ug/L	99
27) 1,2-Dichloroethane	6.16	62	479577	97.292	ug/L	100
29) Cyclohexane	5.55	56	540459	113.490	ug/L	99
30) 1,1,1-Trichloroethane	5.46	97	564416	99.662	ug/L	100
31) Carbon tetrachloride	5.75	117	486339	96.238	ug/L	99
33) Benzene	6.11	78	1340774	110.846	ug/L	100
34) Trichloroethene	7.18	95	363063	107.780	ug/L	98
35) Methylcyclohexane	7.44	83	586192	118.234	ug/L	100
37) 1,2-Dichloropropane	7.49	63	332964	105.149	ug/L	100
38) Bromodichloromethane	7.87	83	471999	104.839	ug/L	99
39) cis-1,3-Dichloropropene	8.42	75	565964	110.608	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	852143	206.881	ug/L	99
42) Toluene	8.76	91	1465729	112.570	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110220\
 Data File : VX019207.D
 Acq On : 02 Nov 2020 12:01
 Operator : JC/MD
 Sample : VSTD10035
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 02 12:57:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 02 12:49:52 2020
 Response via : Initial Calibration

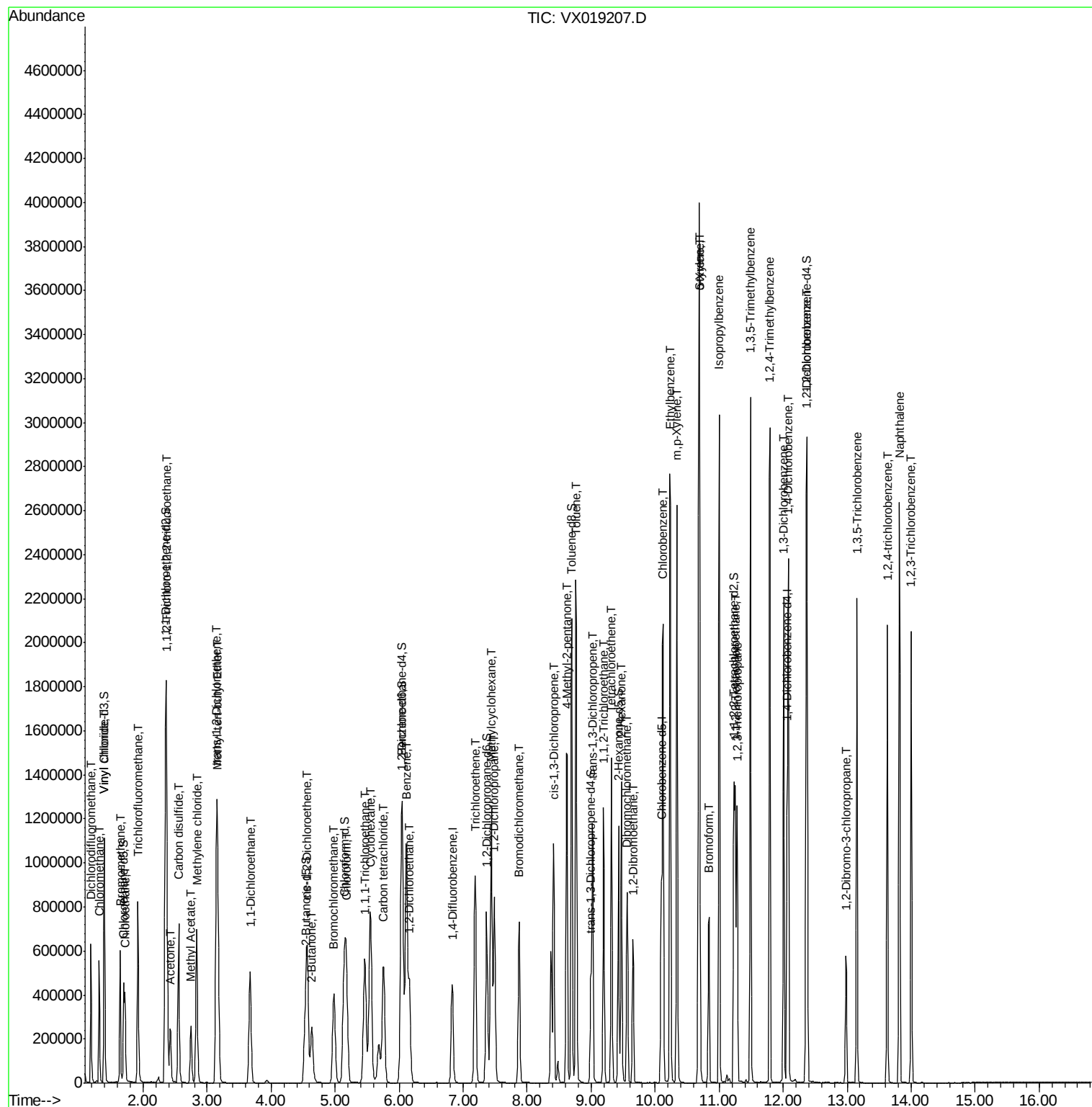
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	9.02	75	558380	107.724	ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	328300	107.219	ug/L	99
46) Tetrachloroethene	9.32	164	274677	101.103	ug/L	96
48) 2-Hexanone	9.47	43	685049	210.500	ug/L	100
49) Dibromochloromethane	9.56	129	374206	99.050	ug/L	100
50) 1,2-Dibromoethane	9.65	107	349849	104.411	ug/L	98
51) Chlorobenzene	10.12	112	915464	105.858	ug/L	99
52) Ethylbenzene	10.23	91	1614768	111.540	ug/L	99
53) m,p-Xylene	10.34	106	613369	111.679	ug/L	97
54) o-Xylene	10.68	106	603711	114.203	ug/L	95
55) Styrene	10.70	104	1039772	114.144	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	487709	105.395	ug/L	99
59) Bromoform	10.84	173	275145	98.105	ug/L	99
60) Isopropylbenzene	11.00	105	1589946	111.215	ug/L	100
61) 1,2,3-Trichloropropane	11.28	75	409410	103.052	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	1358304	115.117	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	1304609	110.373	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	715515	103.987	ug/L	98
65) 1,4-Dichlorobenzene	12.08	146	707430	101.851	ug/L	99
67) 1,2-Dichlorobenzene	12.38	146	683352	103.121	ug/L	95
68) 1,2-Dibromo-3-chloropropan	12.98	75	115287	101.221	ug/L	100
69) 1,3,5-Trichlorobenzene	13.15	180	497236	107.557	ug/L	98
70) 1,2,4-trichlorobenzene	13.63	180	461362	108.081	ug/L	97
71) Naphthalene	13.82	128	1562934	117.418	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	456784	108.493	ug/L	98

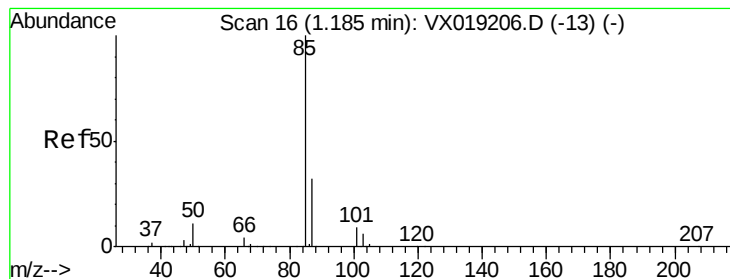
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110220\
Data File : VX019207.D
Acq On : 02 Nov 2020 12:01
Operator : JC/MD
Sample : VSTD10035
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 02 12:57:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 02 12:49:52 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 84.217 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019207.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_X

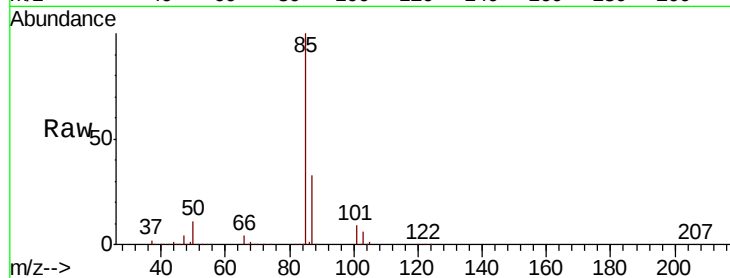
ClientSampleId :

Tot Ion: 85 Resp: 316050

Ion Ratio Lower Upper

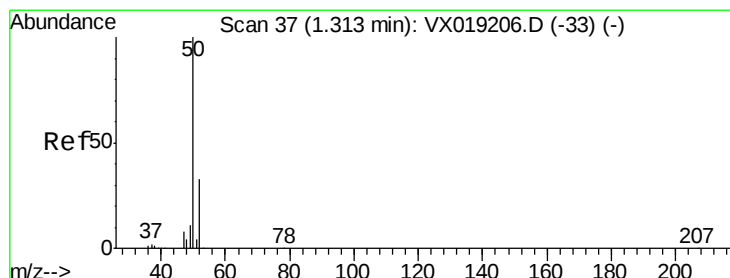
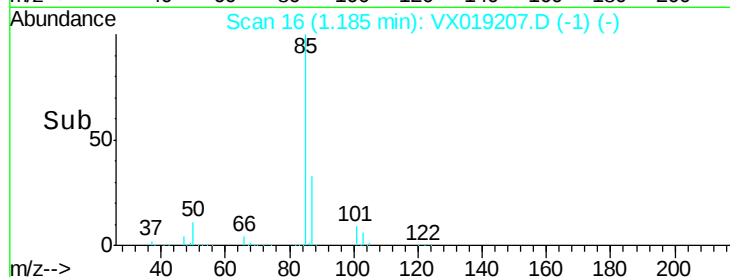
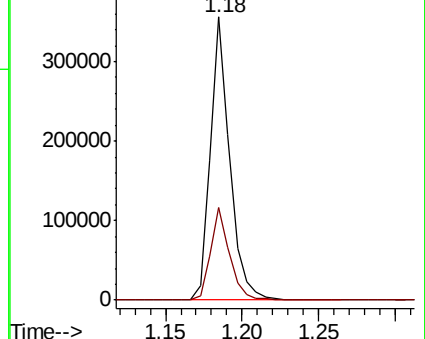
85 100

87 32.2 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#3

Chloromethane

Concen: 104.582 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019207.D

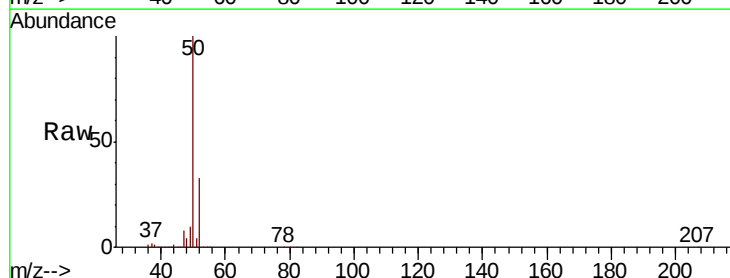
Acq: 02 Nov 2020 12:01

Tgt Ion: 50 Resp: 316654

Ion Ratio Lower Upper

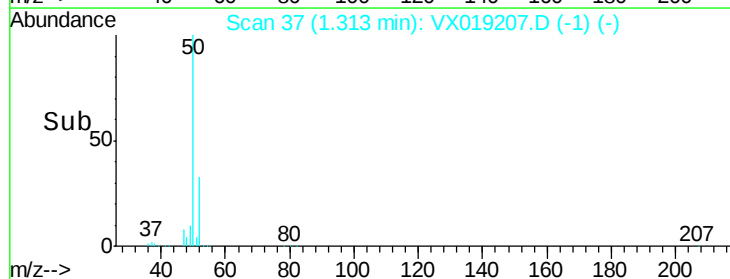
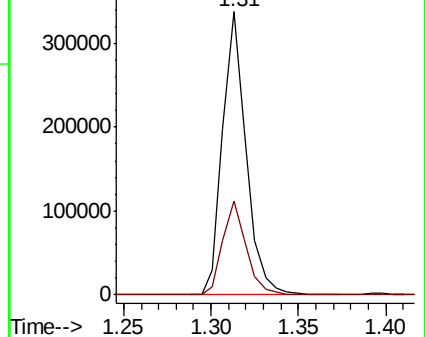
50 100

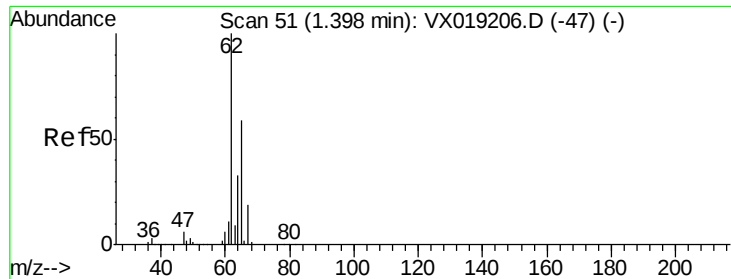
52 33.2 22.8 42.4



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#5

Vinyl chloride

Concen: 106.868 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX019207.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_X

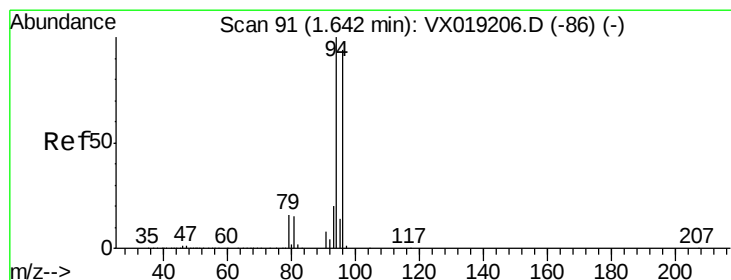
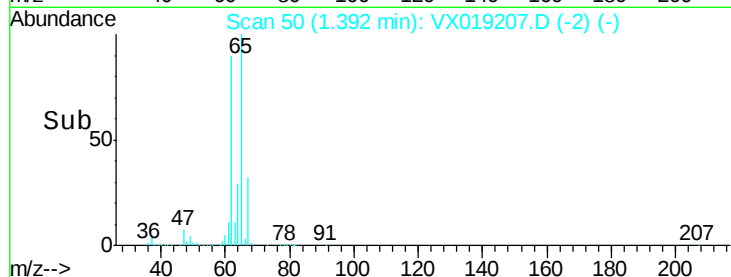
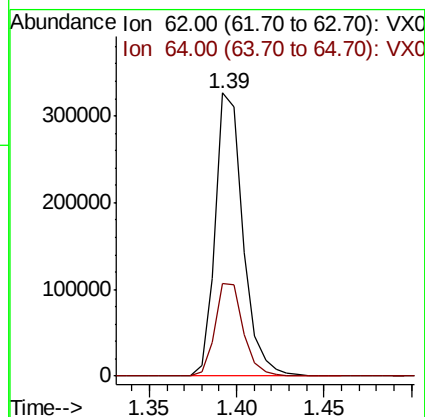
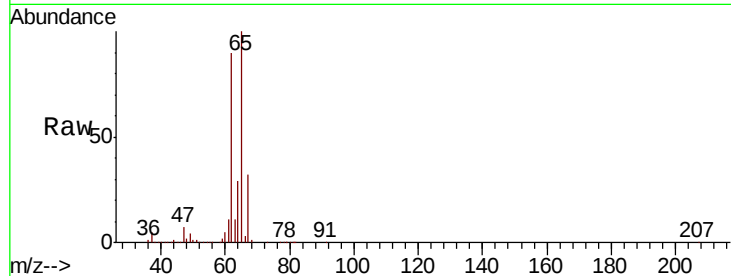
ClientSampleId :

Tot Ion: 62 Resp: 359018

Ion Ratio Lower Upper

62 100

64 32.7 23.4 43.6



#6

Bromomethane

Concen: 127.069 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX019207.D

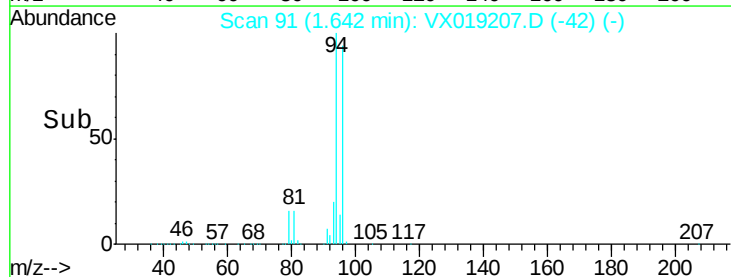
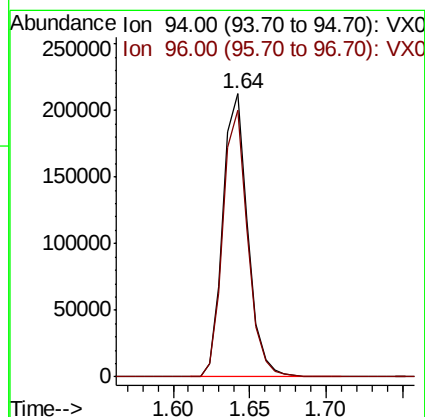
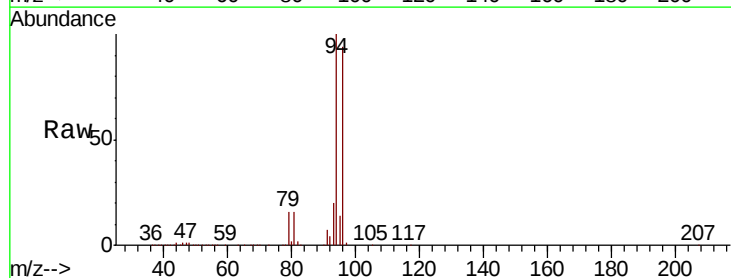
Acq: 02 Nov 2020 12:01

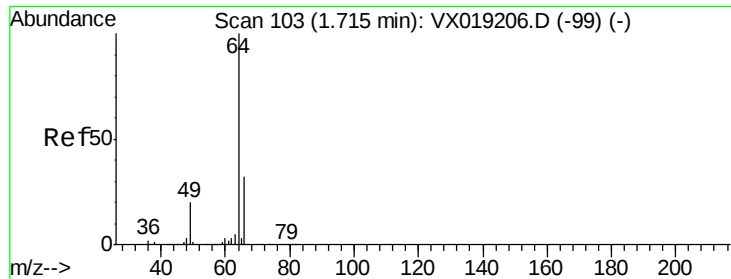
Tgt Ion: 94 Resp: 239871

Ion Ratio Lower Upper

94 100

96 94.2 66.0 122.6





#8

Chloroethane

Concen: 113.274 ug/L

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX019207.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_X

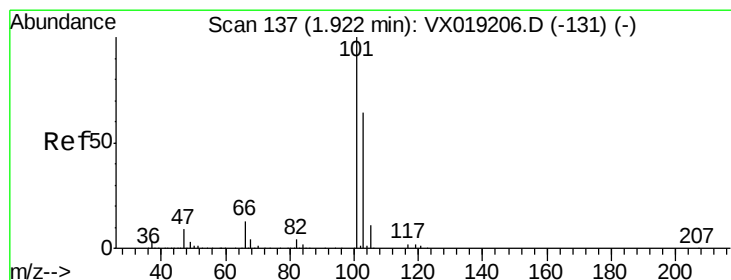
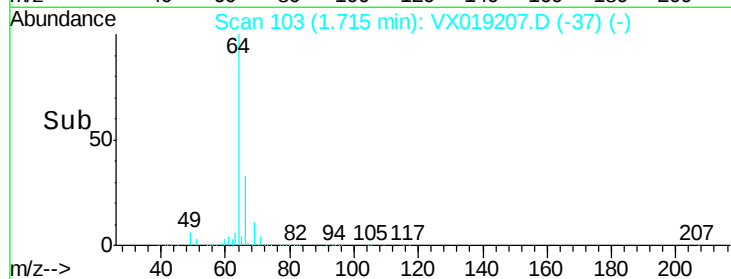
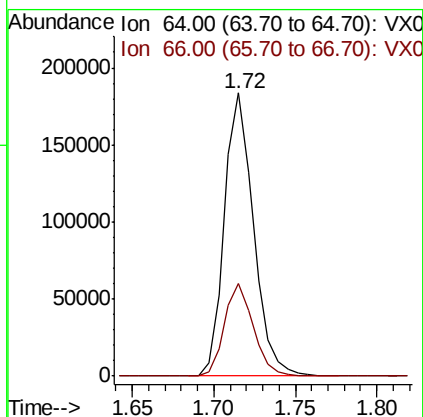
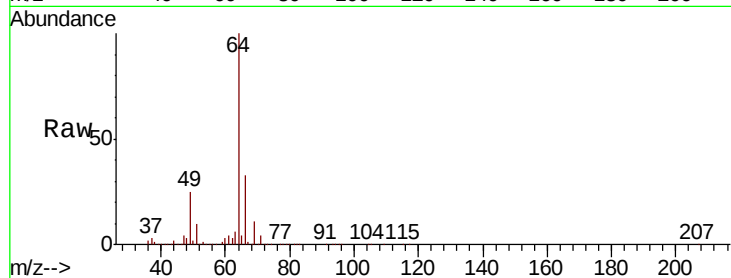
ClientSampled :

Tot Ion: 64 Resp: 227508

Ion Ratio Lower Upper

64 100

66 32.6 22.5 41.9



#9

Trichlorofluoromethane

Concen: 98.346 ug/L

RT: 1.92 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX019207.D

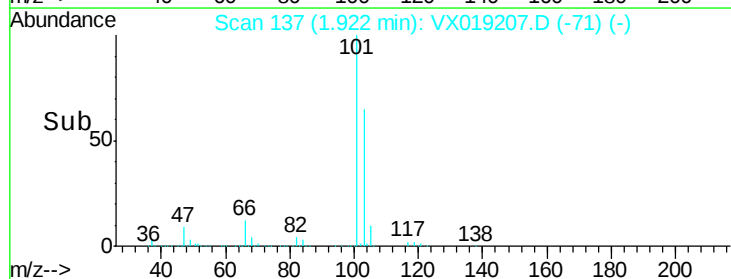
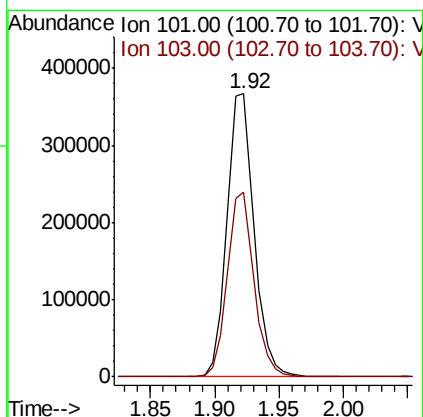
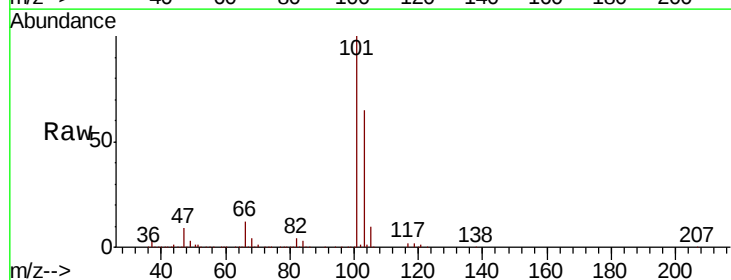
Acq: 02 Nov 2020 12:01

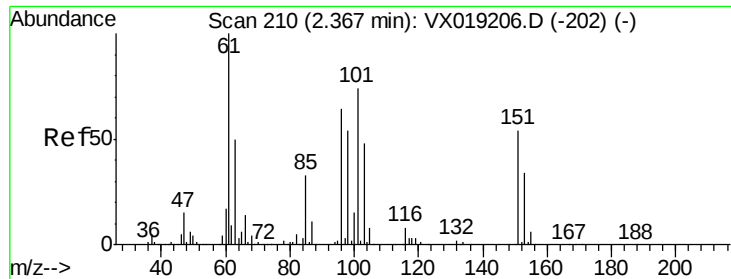
Tgt Ion: 101 Resp: 545002

Ion Ratio Lower Upper

101 100

103 64.4 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 103.284 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019207.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_X

ClientSampled :

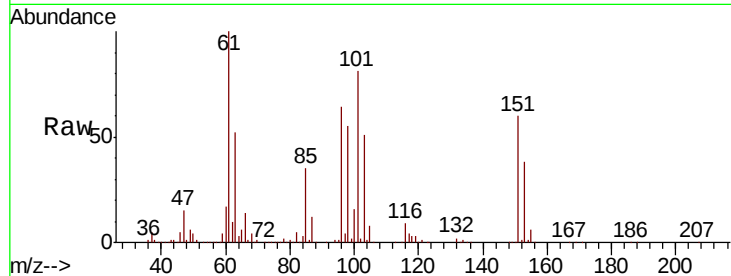
Tot Ion:101 Resp: 313911

Ion Ratio Lower Upper

101 100

85 43.9 35.0 52.4

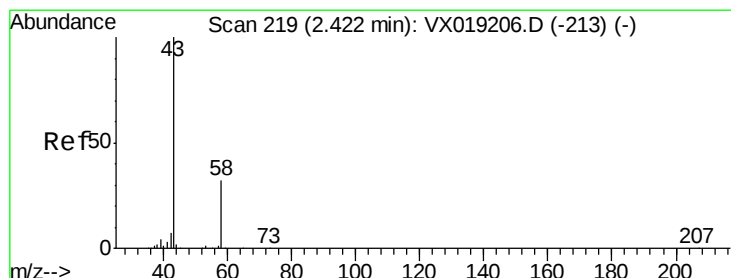
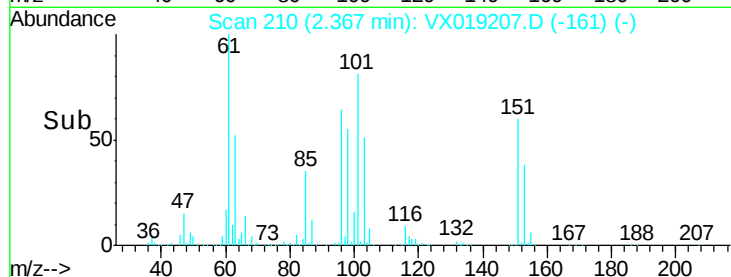
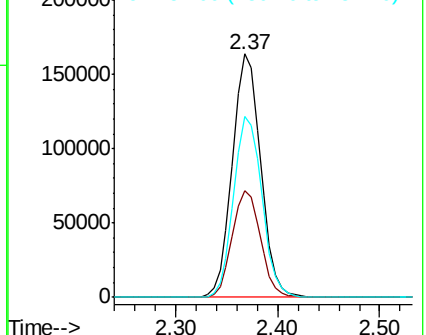
151 74.6 59.9 89.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 187.509 ug/L

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019207.D

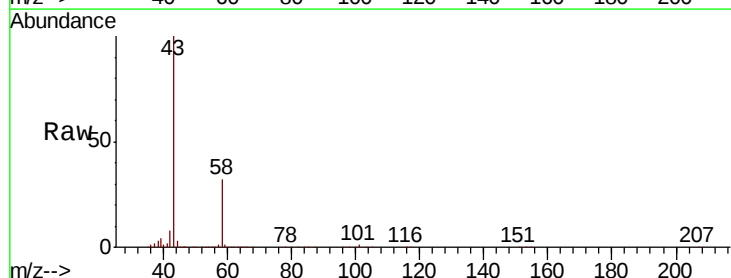
Acq: 02 Nov 2020 12:01

Tgt Ion: 43 Resp: 272834

Ion Ratio Lower Upper

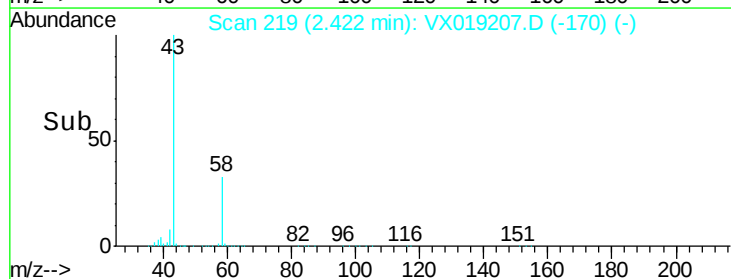
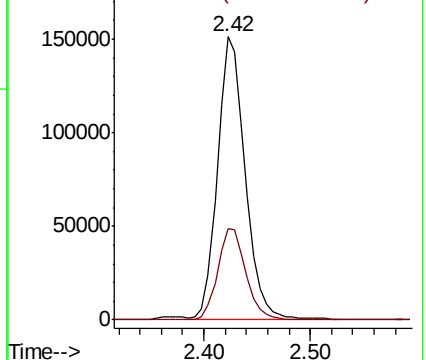
43 100

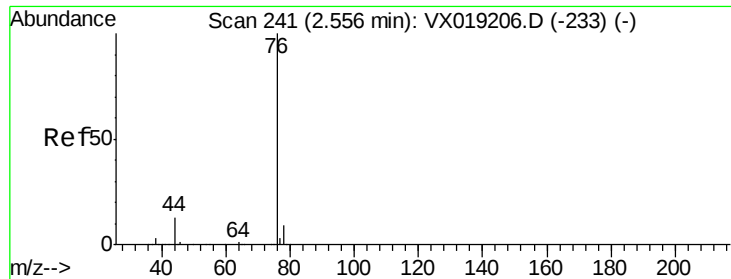
58 33.0 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#14

Carbon disulfide

Concen: 105.275 ug/L

RT: 2.56 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX019207.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_X

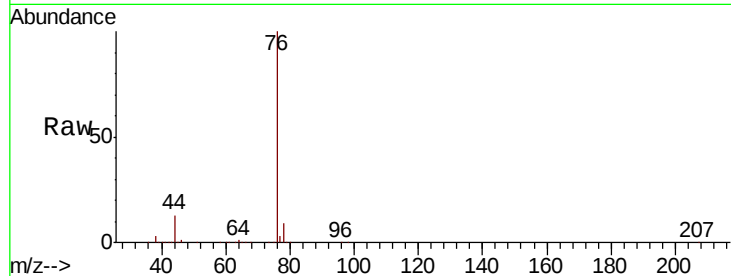
ClientSampled :

Tot Ion: 76 Resp: 913649

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

2.56

600000

500000

400000

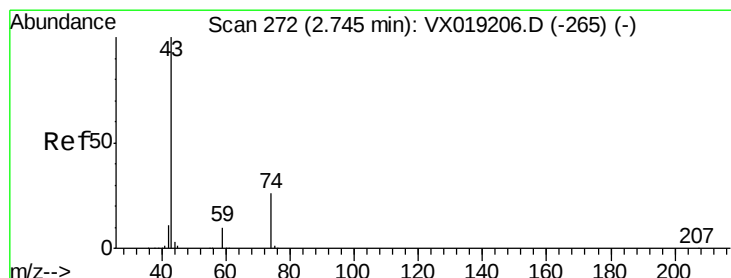
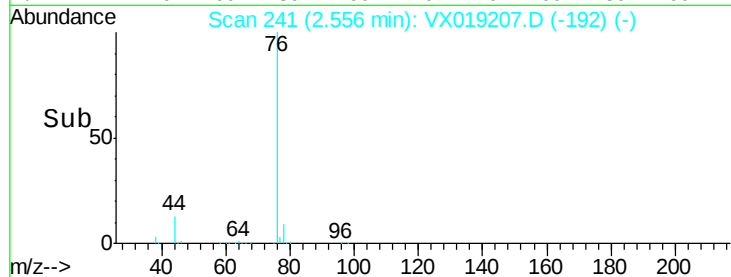
300000

200000

100000

0

Time-->



#15

Methyl Acetate

Concen: 97.927 ug/L

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019207.D

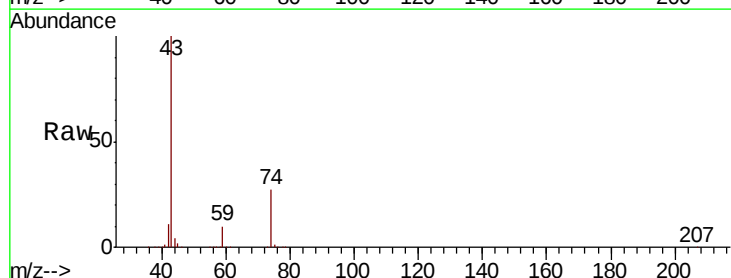
Acq: 02 Nov 2020 12:01

Tgt Ion: 43 Resp: 300784

Ion Ratio Lower Upper

43 100

74 26.8 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

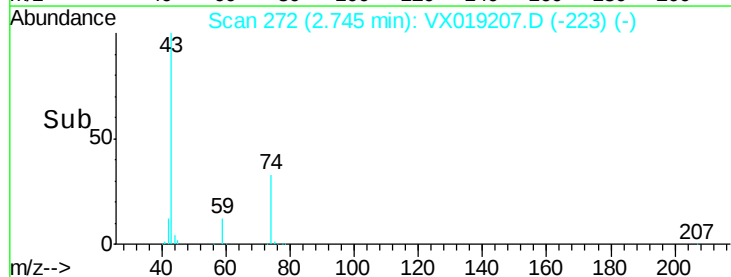
150000

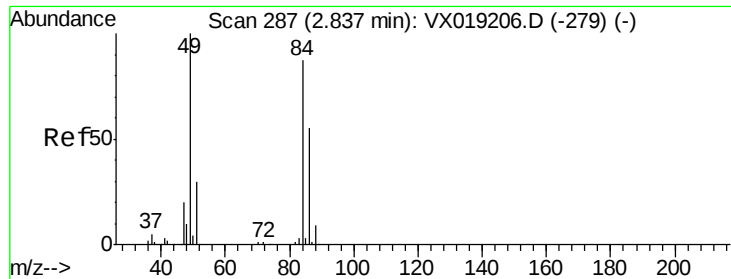
100000

50000

0

Time-->

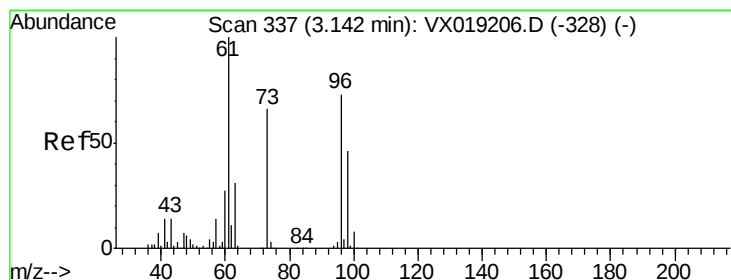
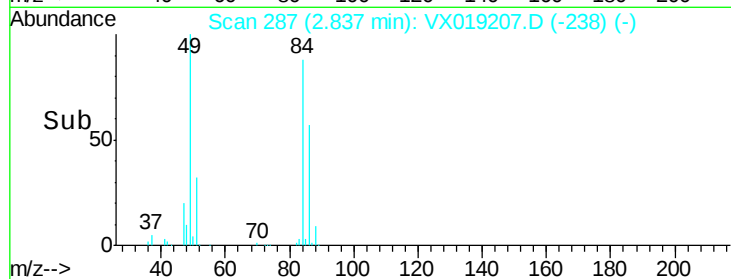
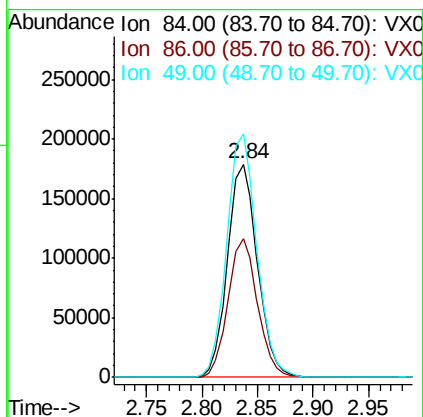
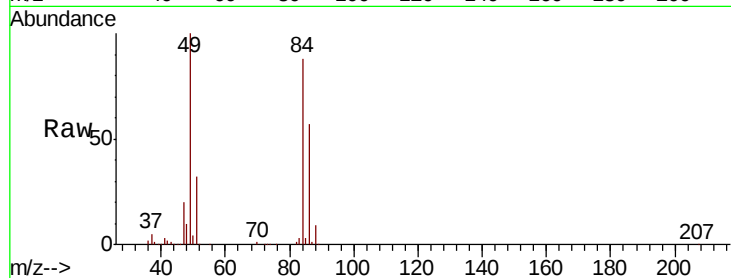




#16
Methvlene chloride
Concen: 105.806 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019207.D
Acq: 02 Nov 2020 12:01

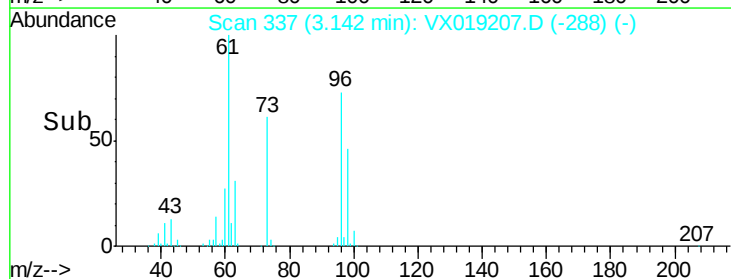
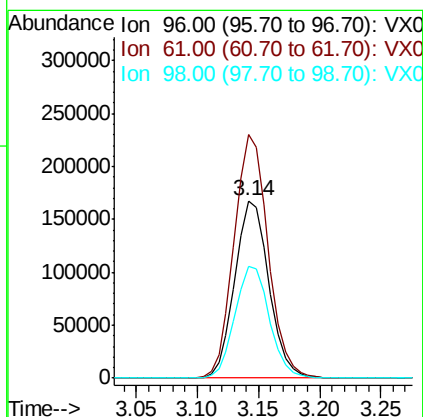
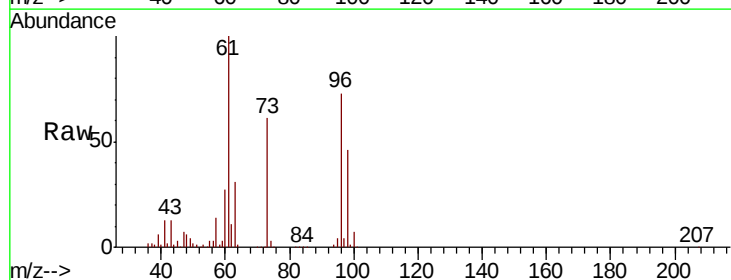
Instrument :
MSVOA_X
ClientSampled :

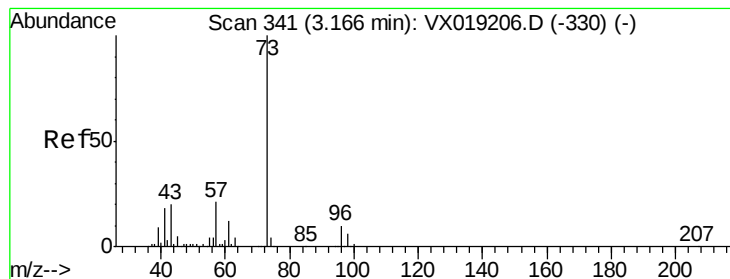
Tot Ion: 84 Resp: 334245
Ion Ratio Lower Upper
84 100
86 64.9 44.0 81.6
49 114.2 80.6 149.6



#17
trans-1,2-Dichloroethene
Concen: 107.029 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX019207.D
Acq: 02 Nov 2020 12:01

Tgt Ion: 96 Resp: 325345
Ion Ratio Lower Upper
96 100
61 137.0 95.7 177.7
98 62.7 44.2 82.0



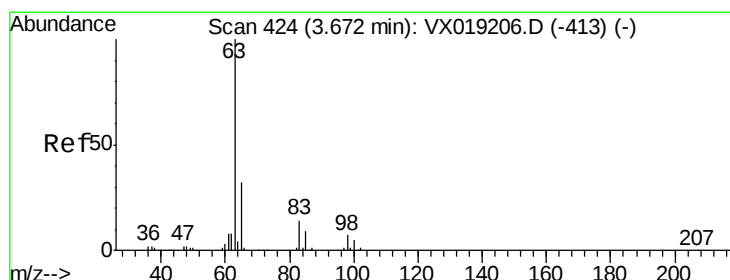
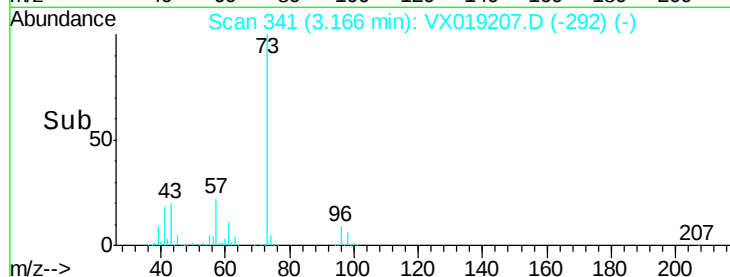
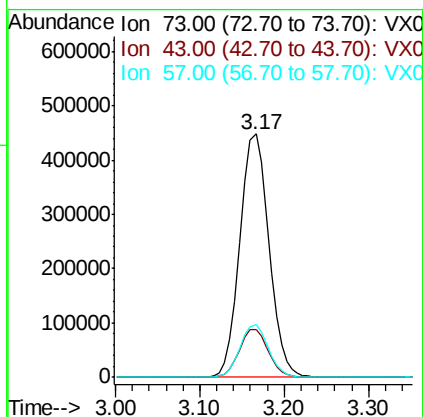
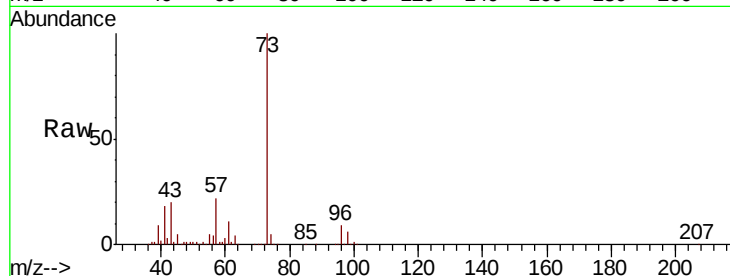


#18

Methyl tert-butyl Ether
 Concen: 108.045 ug/L
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX019207.D
 Acq: 02 Nov 2020 12:01

Instrument :
 MSVOA_X
 ClientSampleId :

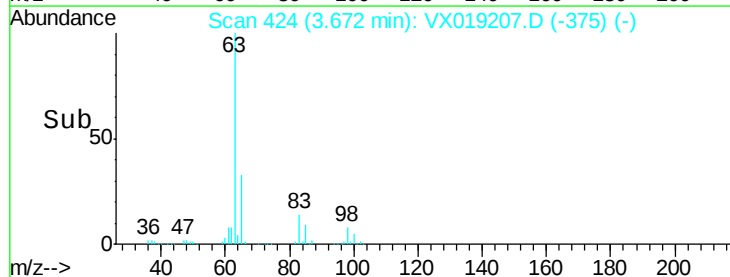
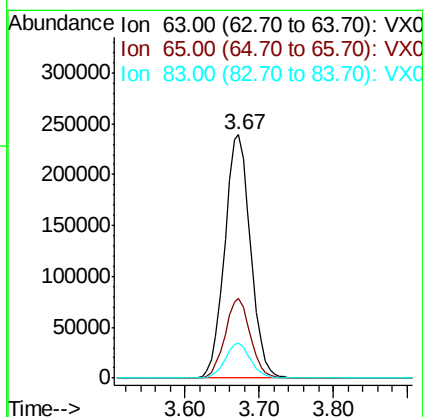
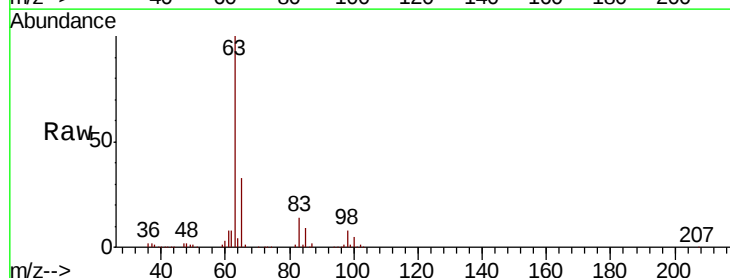
Tot Ion: 73 Resp: 1048513
 Ion Ratio Lower Upper
 73 100
 43 19.7 15.8 23.6
 57 21.3 17.0 25.4

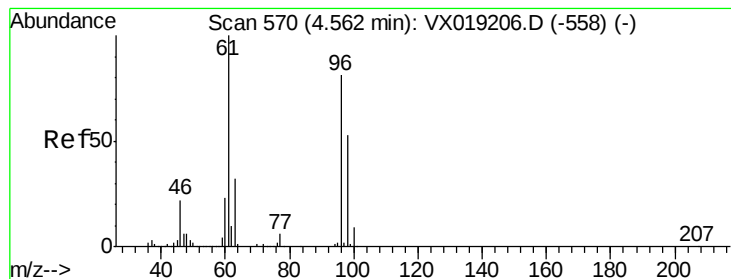


#19

1,1-Dichloroethane
 Concen: 103.225 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX019207.D
 Acq: 02 Nov 2020 12:01

Tgt Ion: 63 Resp: 576911
 Ion Ratio Lower Upper
 63 100
 65 32.8 22.3 41.3
 83 14.3 9.7 18.1



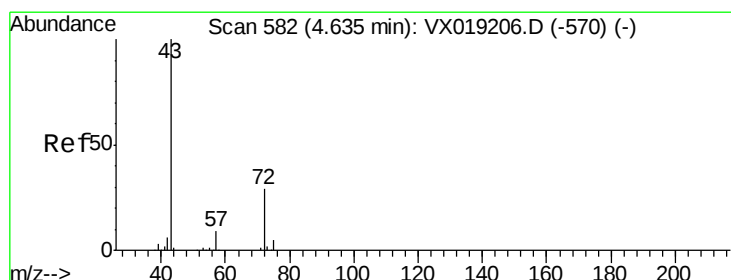
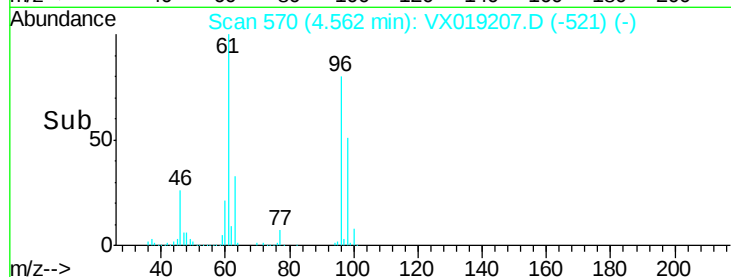
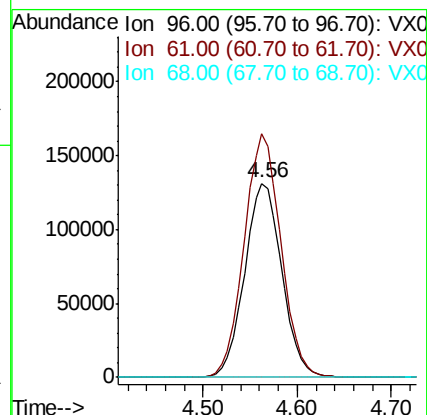
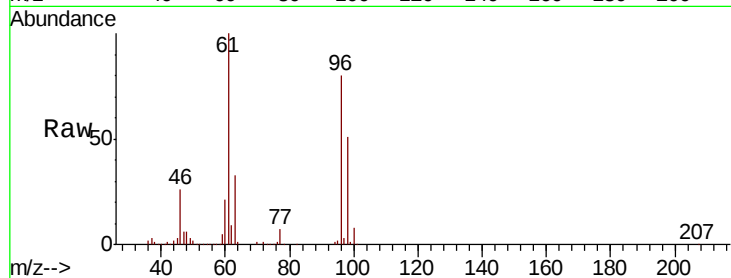


#20

cis-1,2-Dichloroethene
 Concen: 108.324 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX019207.D
 Acq: 02 Nov 2020 12:01

Instrument :
 MSVOA_X
 ClientSampled :

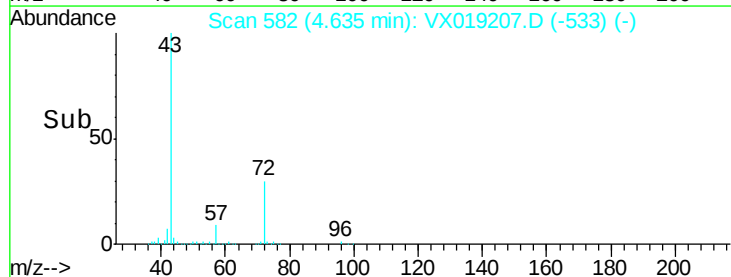
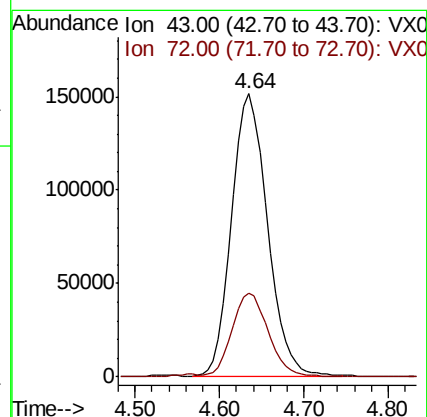
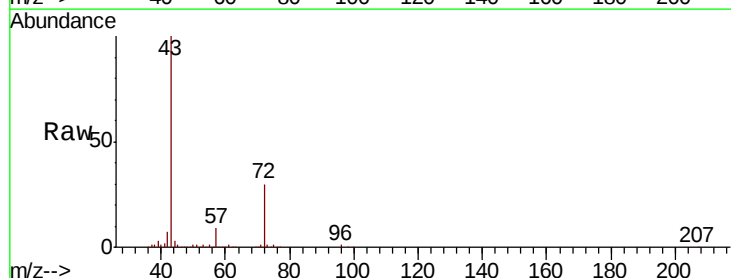
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.5	86.1	159.9
68	0.0	0.0	0.0

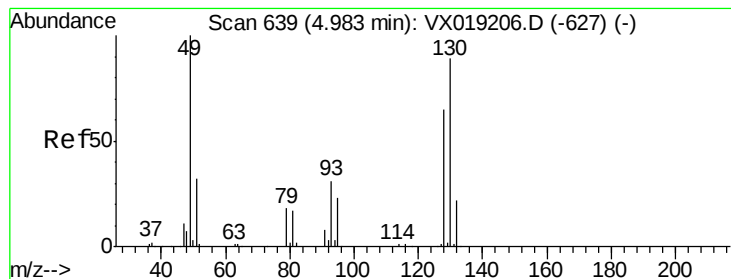


#22

2-Butanone
 Concen: 198.004 ug/L
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX019207.D
 Acq: 02 Nov 2020 12:01

Tgt Ion	Ratio	Lower	Upper
43	100		
72	29.6	15.0	45.0





#23

Bromochloromethane

Concen: 101.468 ug/L

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX019207.D

Acq: 02 Nov 2020 12:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 181522

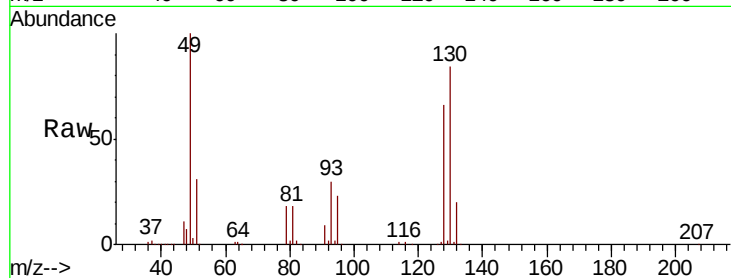
Ion Ratio Lower Upper

128 100

49 151.9 108.4 201.4

130 127.7 96.7 179.7

51 47.5 39.9 59.9

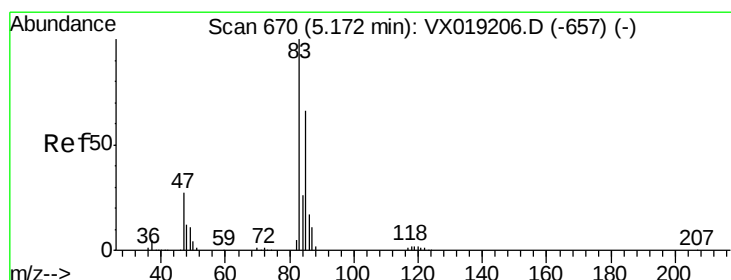
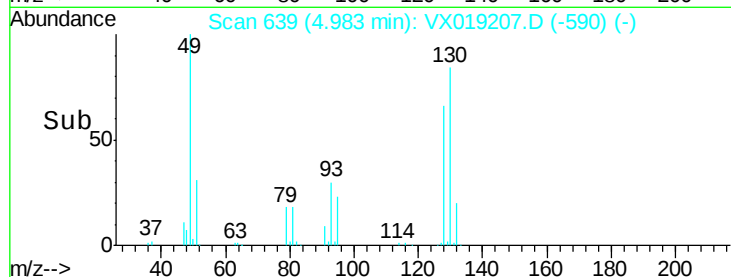
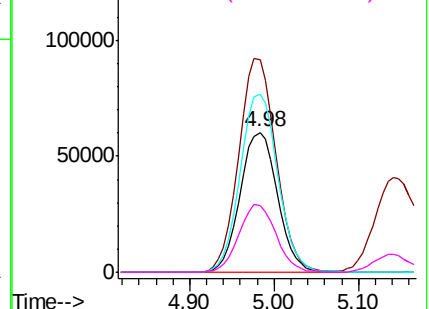


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VX0



#25

Chloroform

Concen: 99.093 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX019207.D

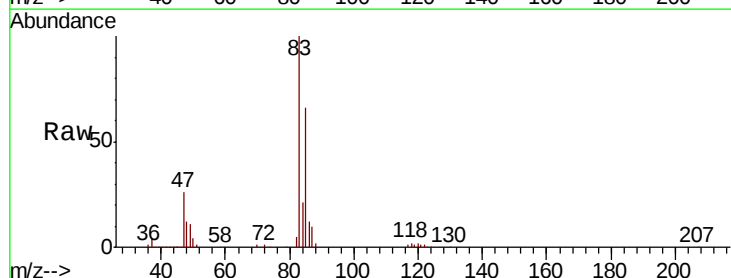
Acq: 02 Nov 2020 12:01

Tgt Ion: 83 Resp: 611520

Ion Ratio Lower Upper

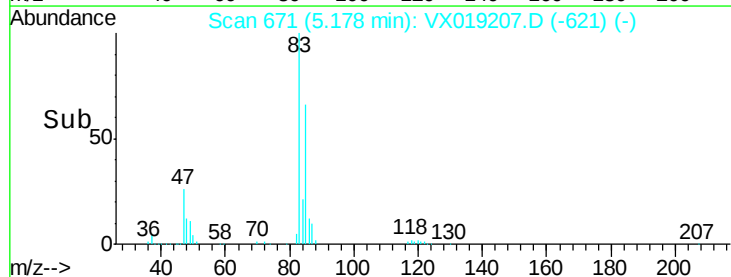
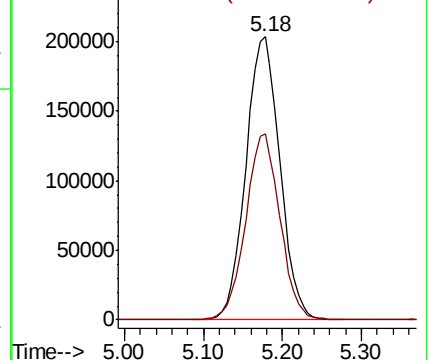
83 100

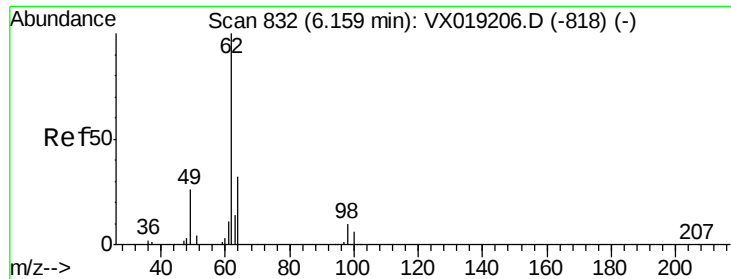
85 65.8 46.5 86.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

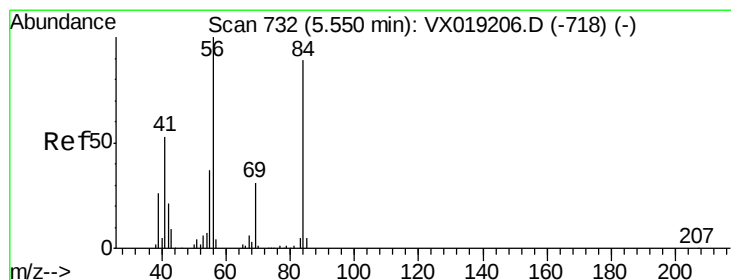
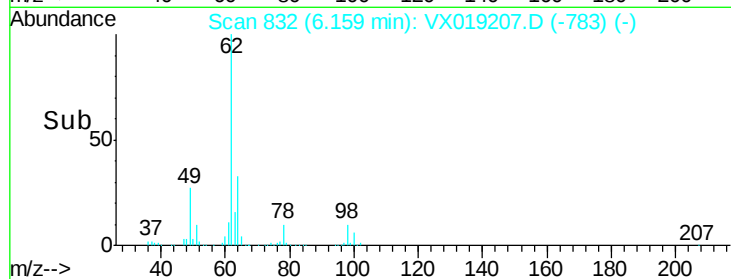
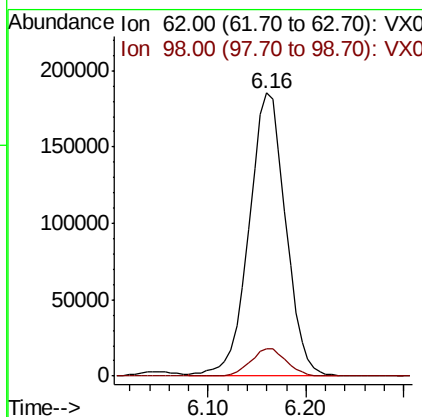
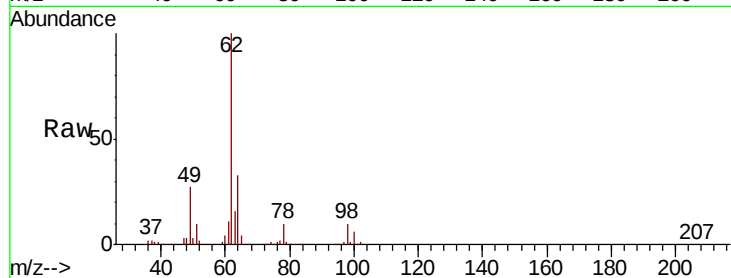




#27
 1,2-Dichloroethane
 Concen: 97.292 ug/L
 RT: 6.16 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: VX019207.D
 Acq: 02 Nov 2020 12:01

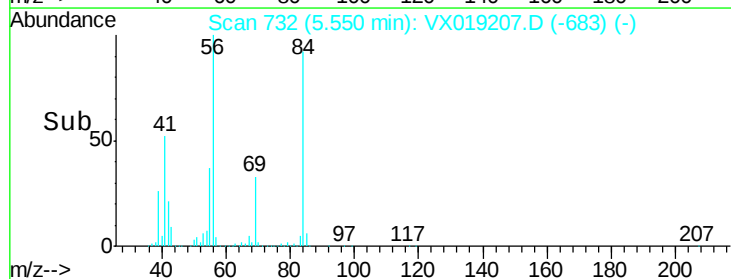
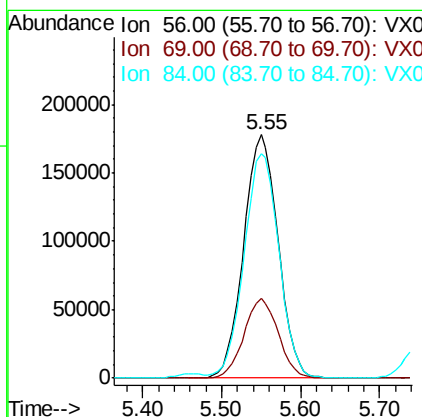
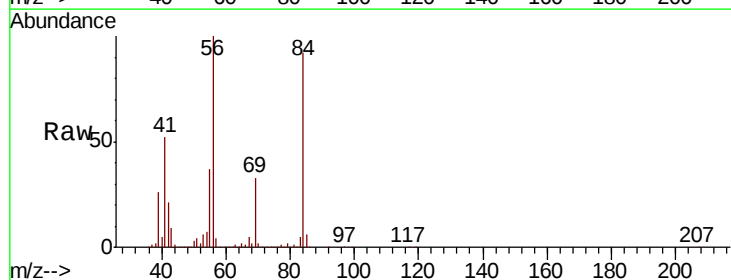
Instrument :
 MSVOA_X
 ClientSampleId :

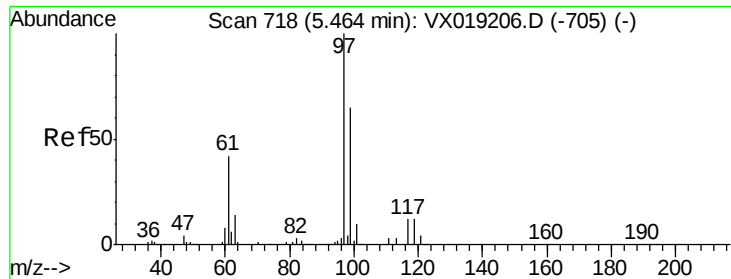
Tot Ion: 62 Resp: 479577
 Ion Ratio Lower Upper
 62 100
 98 9.5 7.6 11.4



#29
 Cyclohexane
 Concen: 113.490 ug/L
 RT: 5.55 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: VX019207.D
 Acq: 02 Nov 2020 12:01

Tgt Ion: 56 Resp: 540459
 Ion Ratio Lower Upper
 56 100
 69 32.6 25.2 37.8
 84 93.2 73.6 110.4

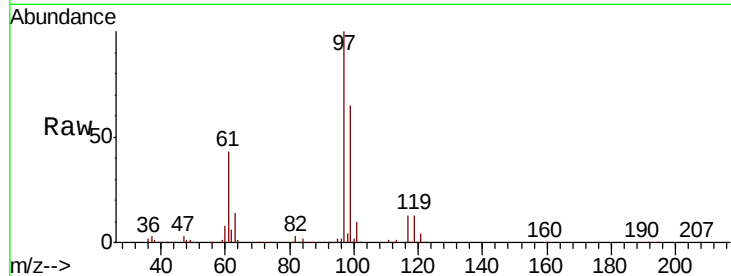




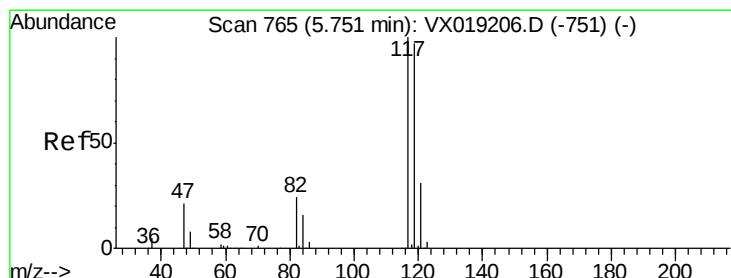
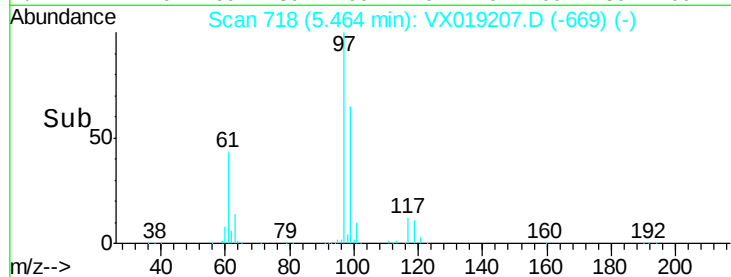
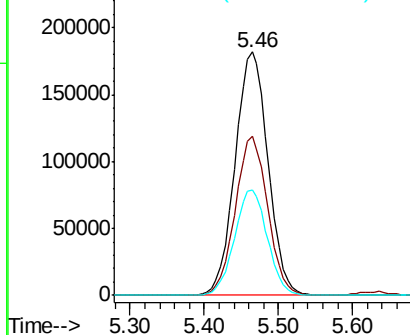
#30
 1,1,1-Trichloroethane
 Concen: 99.662 ug/L
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX019207.D
 Acq: 02 Nov 2020 12:01

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	97	Resp	564416
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.6
61	43.4	34.8	52.2

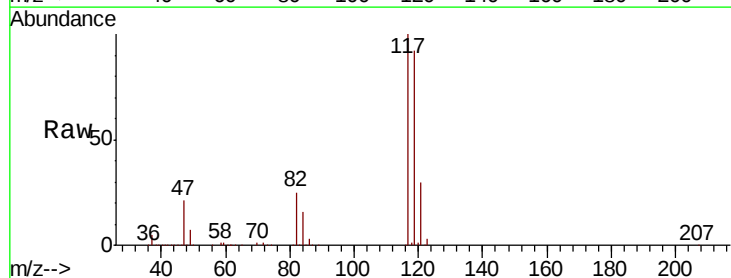


Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 99.00 (98.70 to 99.70): VX0
 Ion 61.05 (60.75 to 61.75): VX0

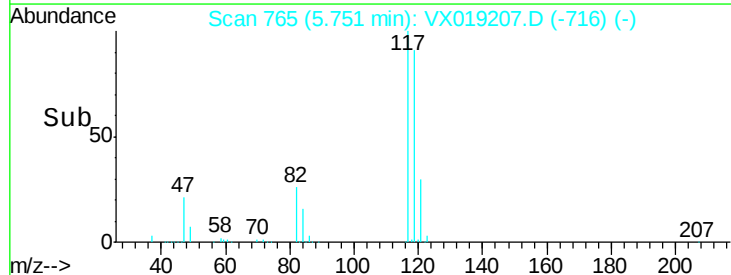
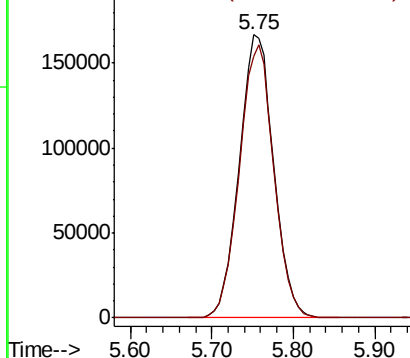


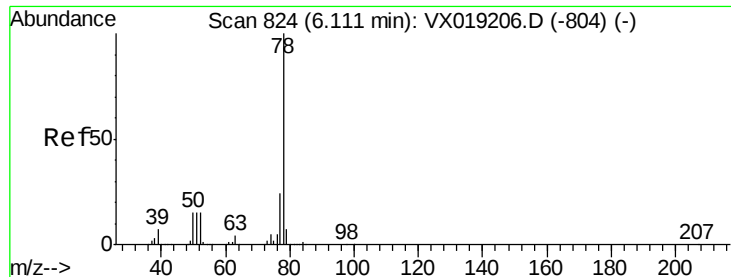
#31
 Carbon tetrachloride
 Concen: 96.238 ug/L
 RT: 5.75 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: VX019207.D
 Acq: 02 Nov 2020 12:01

Tgt Ion	117	Resp	486339
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.9	115.3



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V

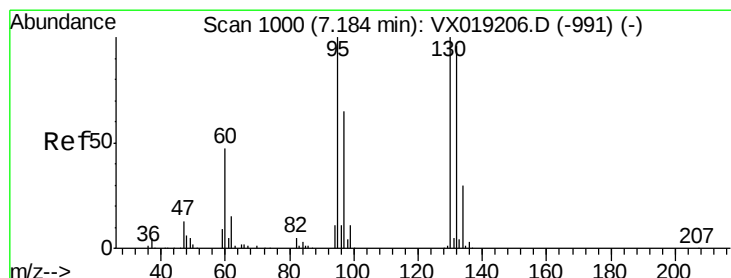
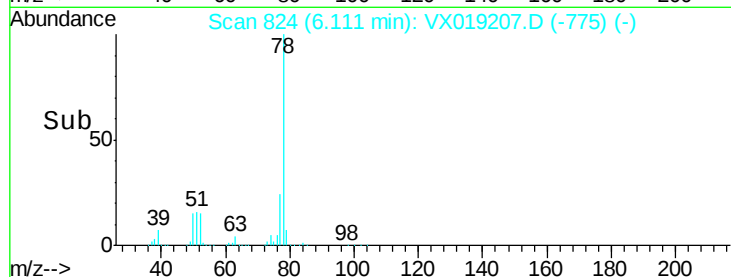
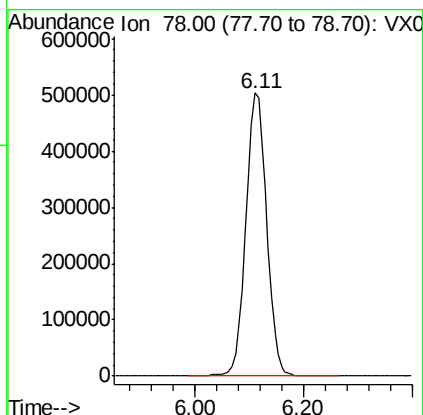
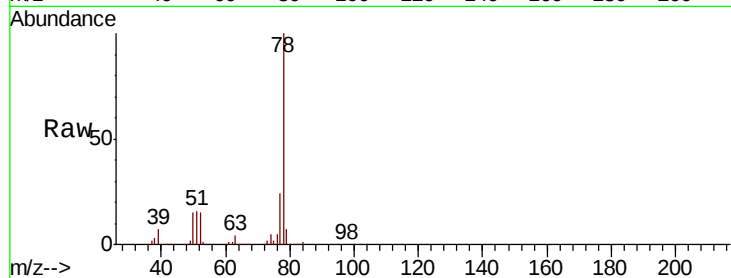




#33
Benzene
Concen: 110.846 ug/L
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019207.D
Acq: 02 Nov 2020 12:01

Instrument :
MSVOA_X
ClientSampleId :

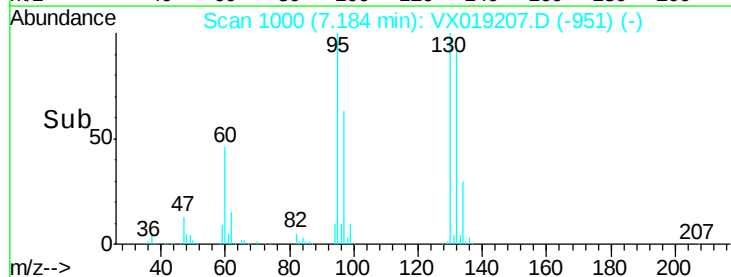
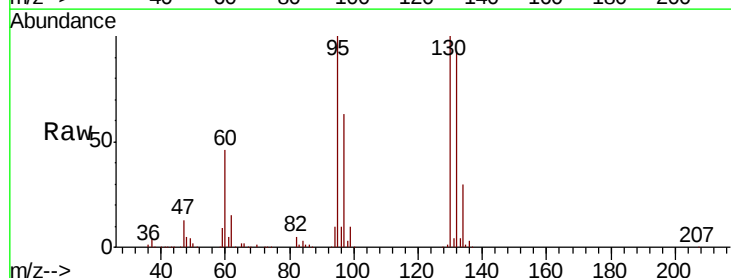
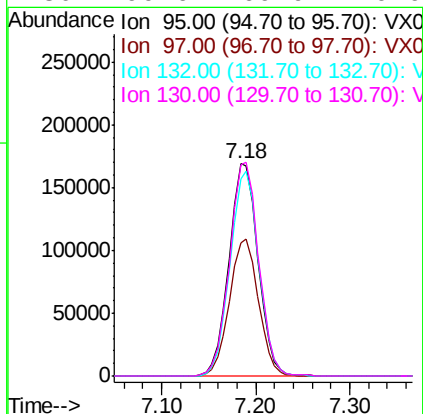
Tgt Ion: 78 Resp: 1340774

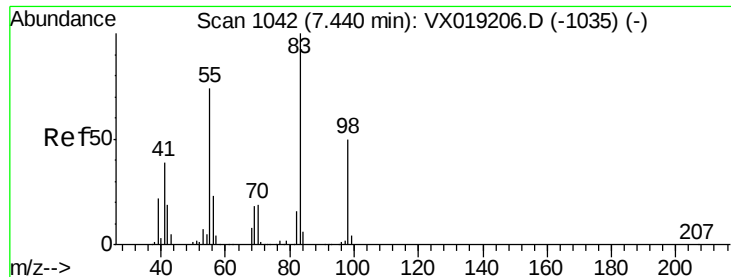


#34
Trichloroethene
Concen: 107.780 ug/L
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX019207.D
Acq: 02 Nov 2020 12:01

Tgt Ion: 95 Resp: 363063

Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.1	83.9
132	92.8	67.3	124.9
130	99.6	69.9	129.9

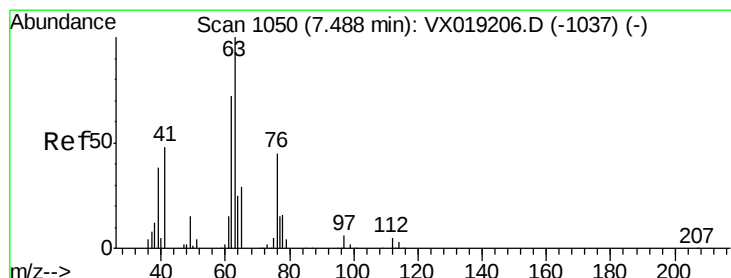
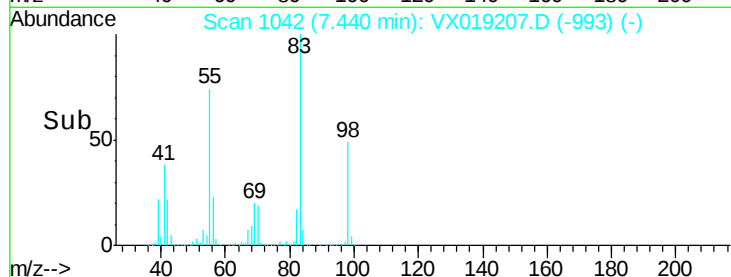
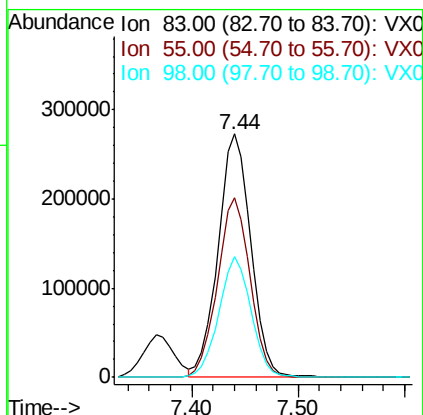
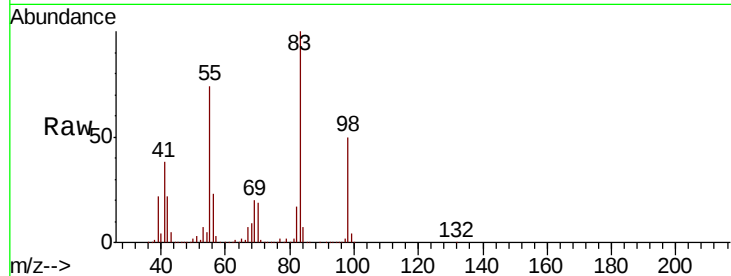




#35
Methvlcvclohexane
Concen: 118.234 ug/L
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019207.D
Acq: 02 Nov 2020 12:01

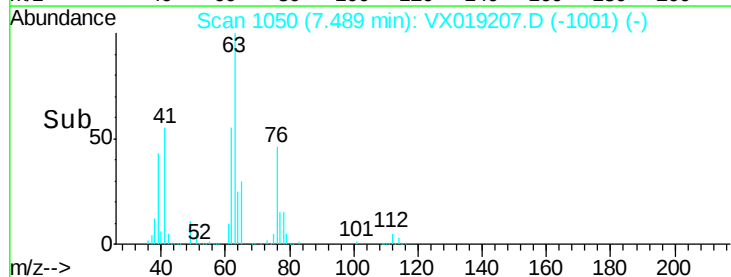
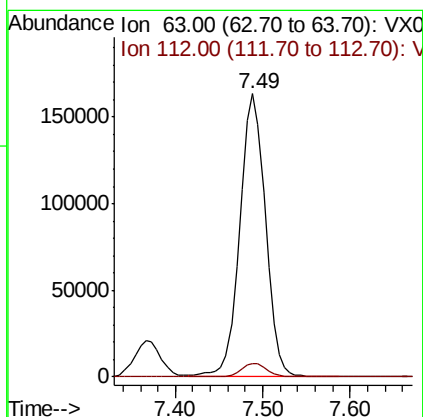
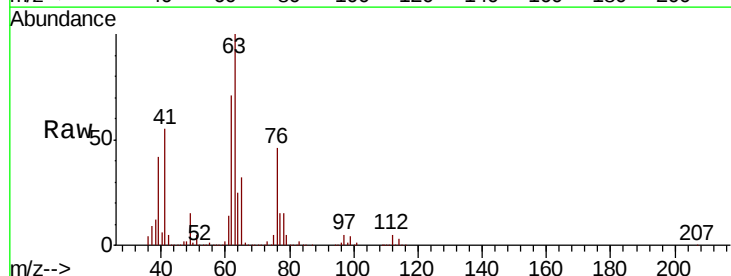
Instrument :
MSVOA_X
ClientSampled :

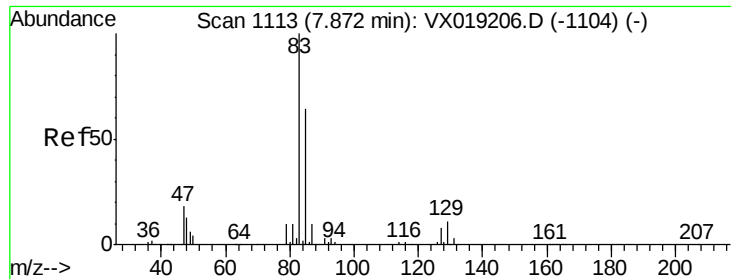
Tot Ion	83	Resp	586192
Ion	Ratio	Lower	Upper
83	100		
55	72.9	58.6	87.8
98	48.9	39.0	58.6



#37
1,2-Dichloropropane
Concen: 105.149 ug/L
RT: 7.49 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VX019207.D
Acq: 02 Nov 2020 12:01

Tgt Ion	63	Resp	332964
Ion	Ratio	Lower	Upper
63	100		
112	4.8	3.8	5.6

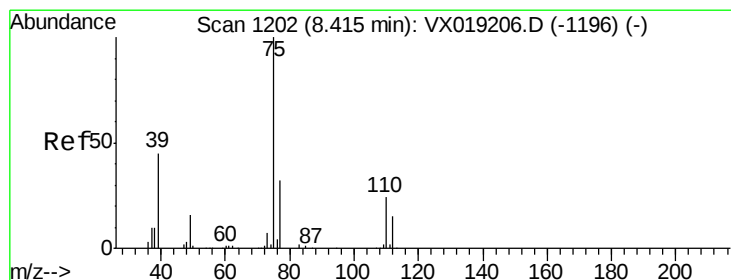
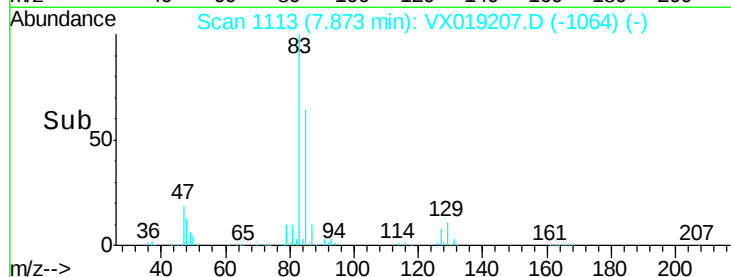
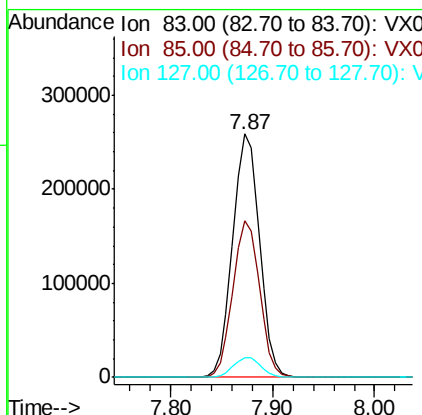
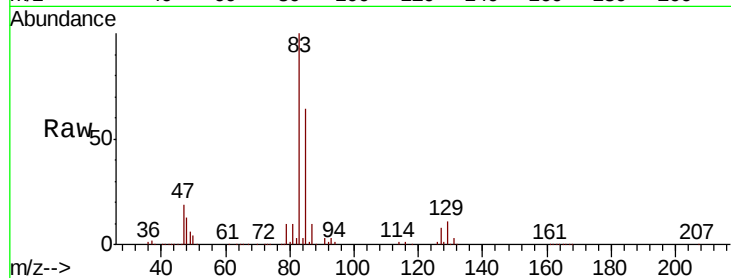




#38
 Bromodichloromethane
 Concen: 104.839 ug/L
 RT: 7.87 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VX019207.D
 Acq: 02 Nov 2020 12:01

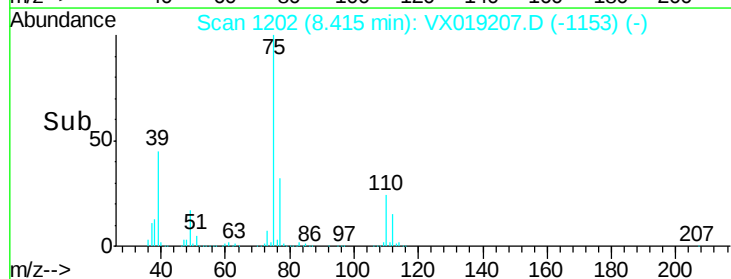
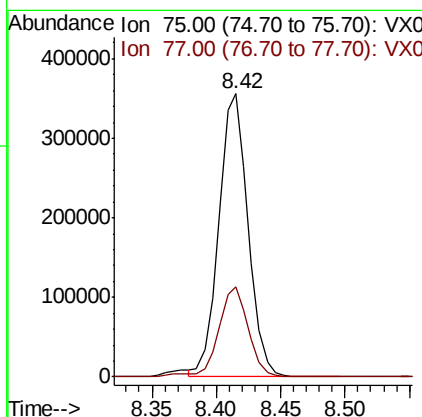
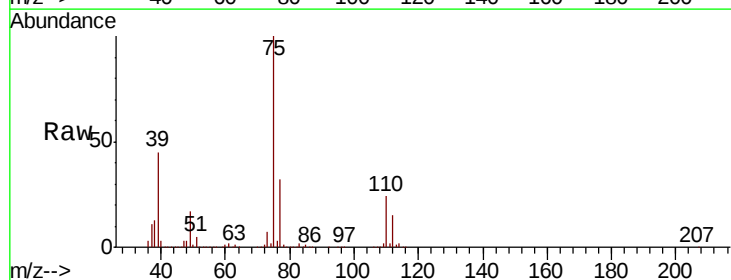
Instrument :
 MSVOA_X
 ClientSampleId :

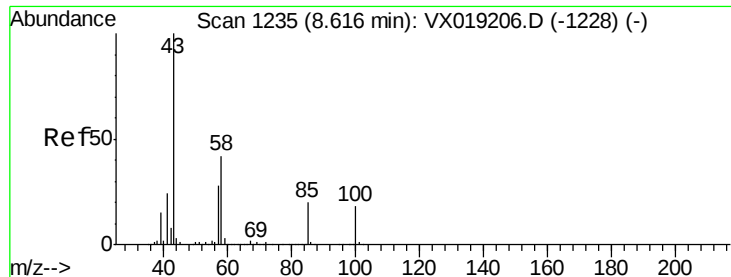
Tot Ion	83	Resp	471999
Ion	Ratio	Lower	Upper
83	100		
85	64.1	44.6	82.8
127	8.2	6.8	10.2



#39
 cis-1,3-Dichloropropene
 Concen: 110.608 ug/L
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX019207.D
 Acq: 02 Nov 2020 12:01

Tgt Ion	75	Resp	565964
Ion	Ratio	Lower	Upper
75	100		
77	31.8	22.5	41.7

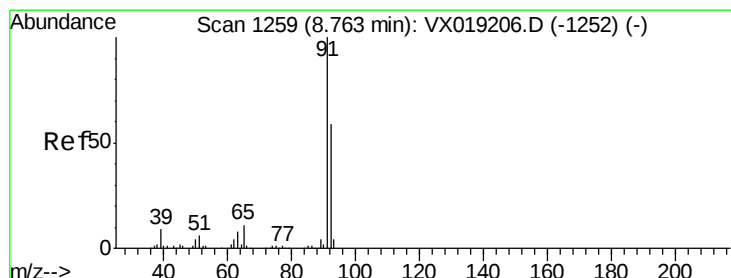
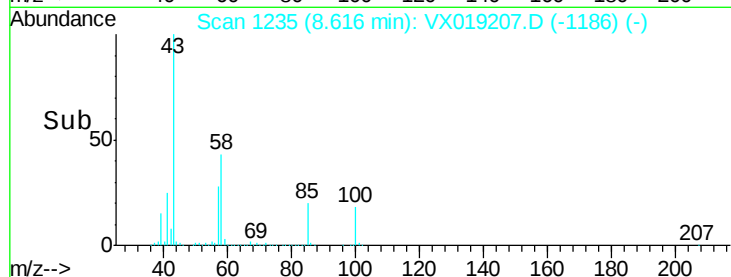
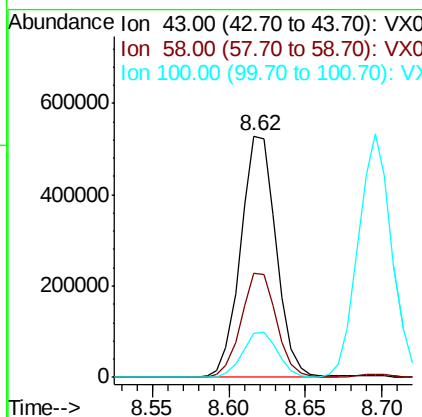
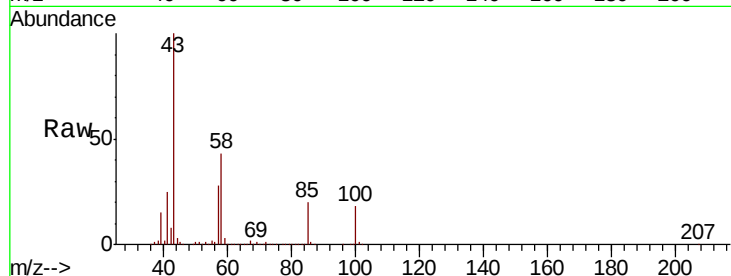




#40
4-Methyl-2-pentanone
Concen: 206.881 ug/L
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019207.D
Acq: 02 Nov 2020 12:01

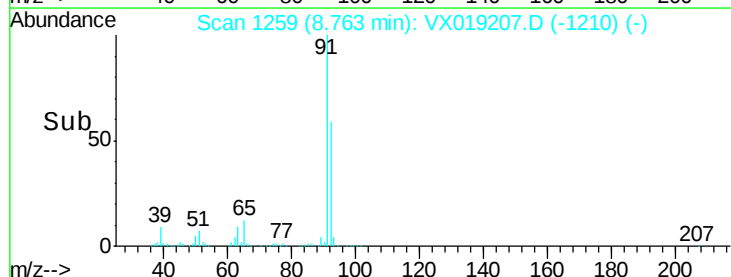
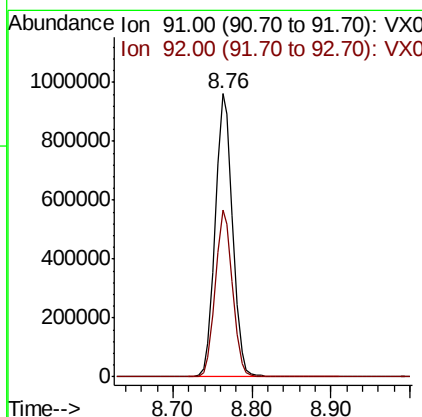
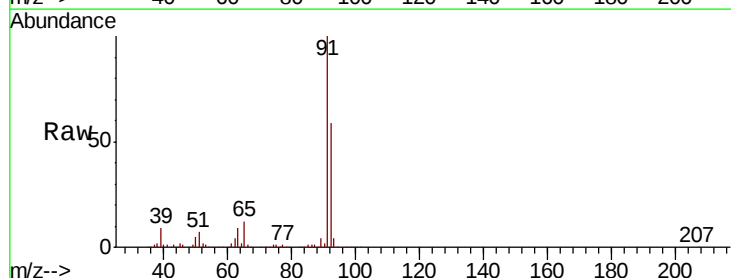
Instrument :
MSVOA_X
ClientSampleId :

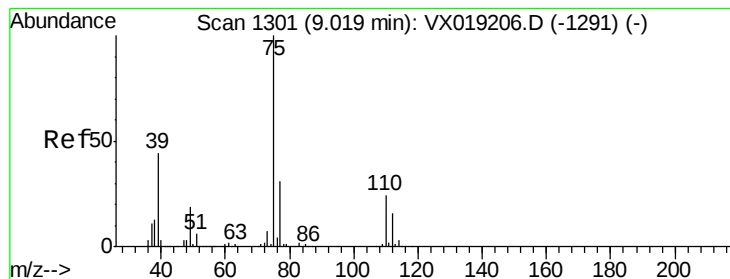
Tot Ion: 43 Resp: 852143
Ion Ratio Lower Upper
43 100
58 43.1 34.1 51.1
100 18.7 14.8 22.2



#42
Toluene
Concen: 112.570 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019207.D
Acq: 02 Nov 2020 12:01

Tgt Ion: 91 Resp: 1465729
Ion Ratio Lower Upper
91 100
92 58.9 41.2 76.6





#44

trans-1,3-Dichloropropene

Concen: 107.724 ug/L

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX019207.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_X

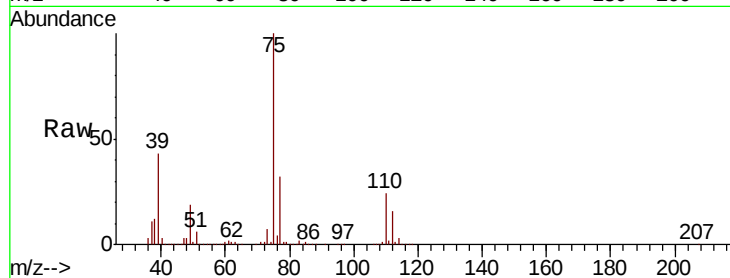
ClientSampleId :

Tot Ion: 75 Resp: 558380

Ion Ratio Lower Upper

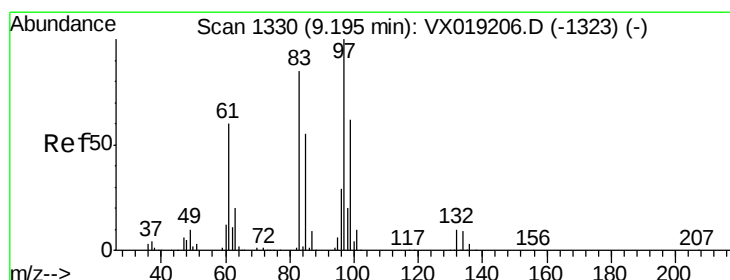
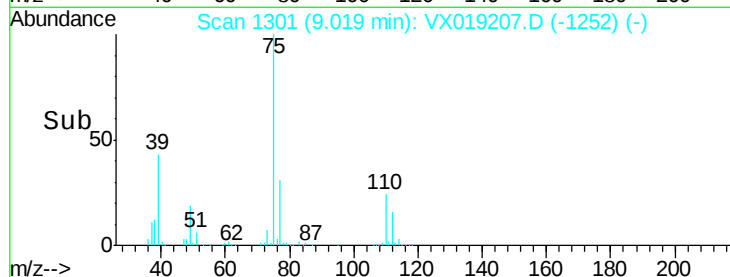
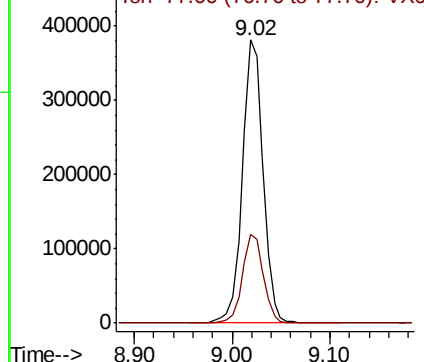
75 100

77 31.5 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#45

1,1,2-Trichloroethane

Concen: 107.219 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX019207.D

Acq: 02 Nov 2020 12:01

Tgt Ion: 97 Resp: 328300

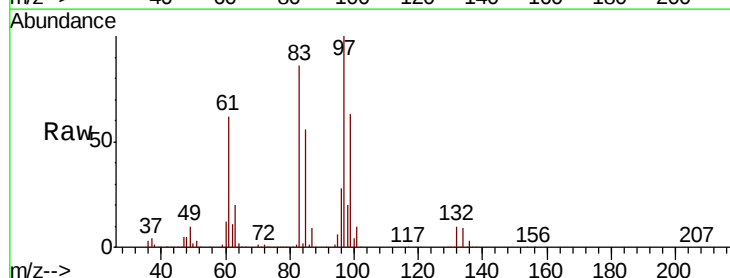
Ion Ratio Lower Upper

97 100

99 63.2 43.3 80.3

83 86.0 59.4 110.4

85 55.6 38.7 71.9

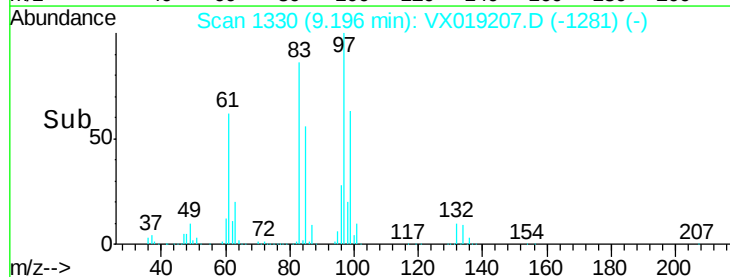
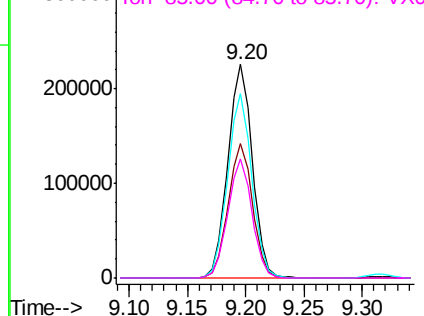


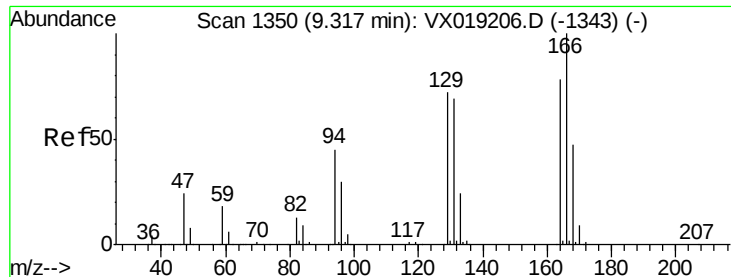
Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

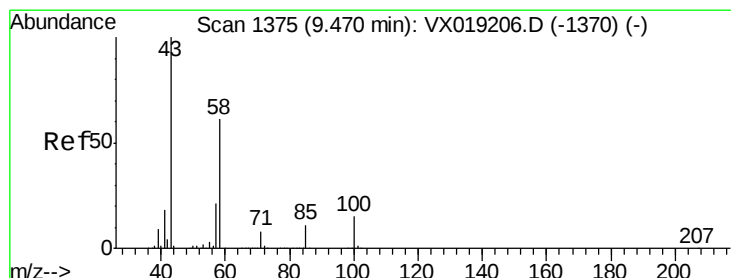
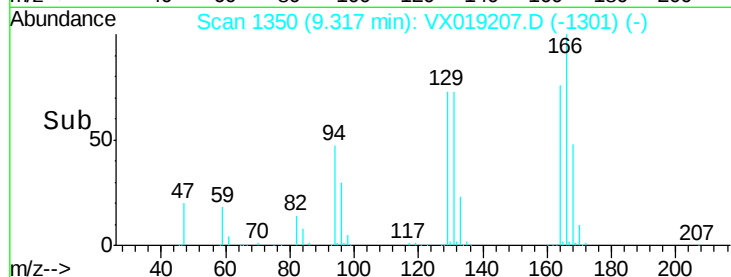
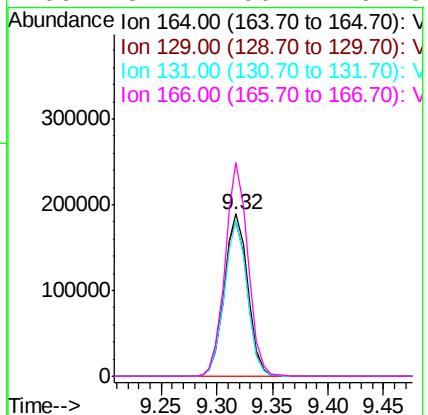
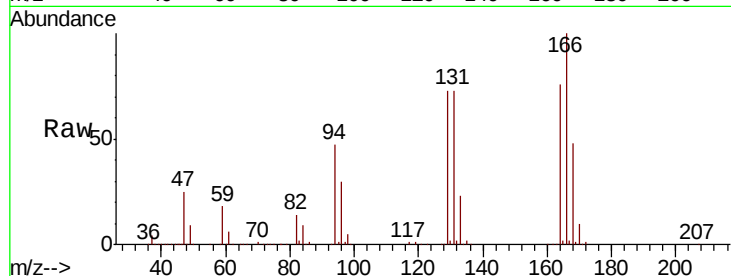




#46
Tetrachloroethene
Concen: 101.103 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019207.D
Acq: 02 Nov 2020 12:01

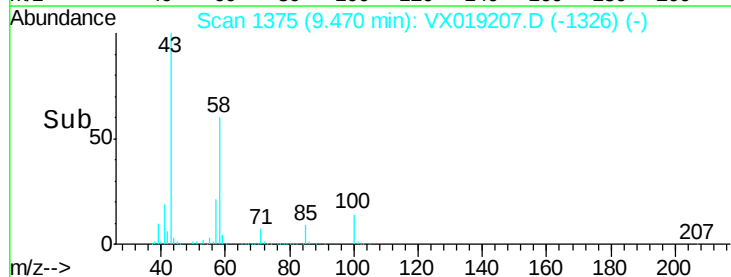
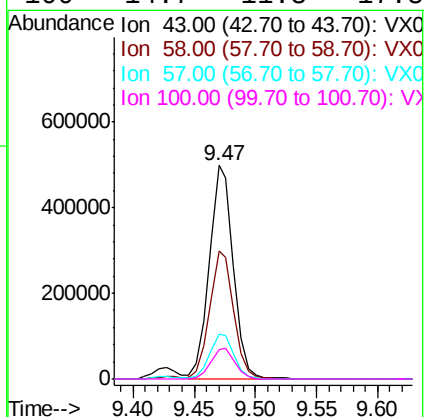
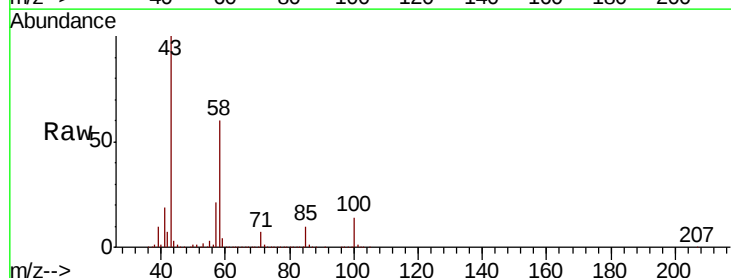
Instrument :
MSVOA_X
ClientSampleId :

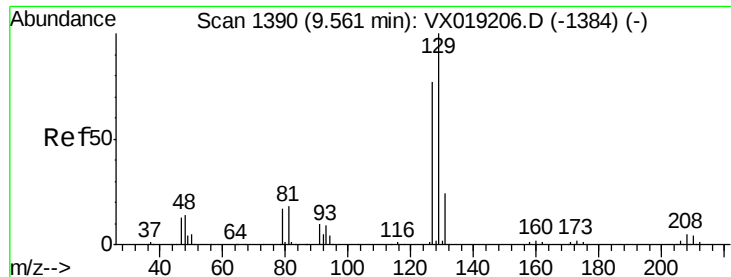
Tot Ion	Ratio	Lower	Upper
164	100		
129	95.5	65.2	121.2
131	95.9	62.5	116.1
166	131.4	90.2	167.6



#48
2-Hexanone
Concen: 210.500 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019207.D
Acq: 02 Nov 2020 12:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	60.5	48.2	72.2
57	21.3	17.1	25.7
100	14.7	11.8	17.8





#49

Dibromochloromethane

Concen: 99.050 ug/L

RT: 9.56 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VX019207.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_X

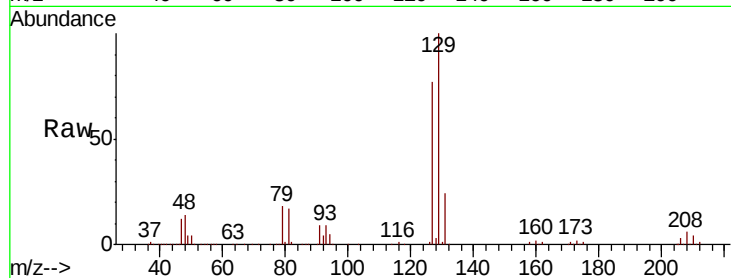
ClientSampled :

Tot Ion:129 Resp: 374206

Ion Ratio Lower Upper

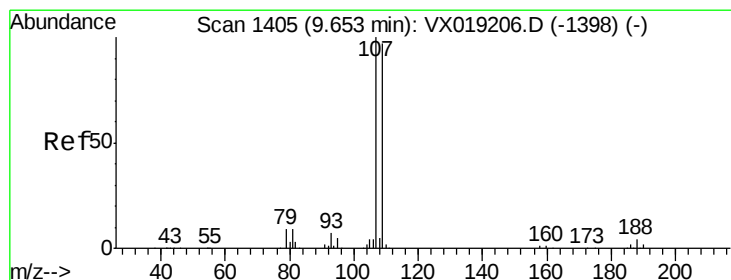
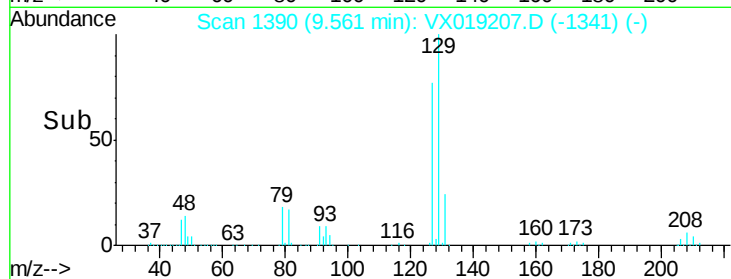
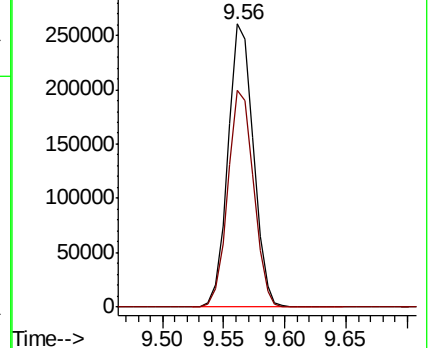
129 100

127 76.8 54.0 100.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#50

1,2-Dibromoethane

Concen: 104.411 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019207.D

Acq: 02 Nov 2020 12:01

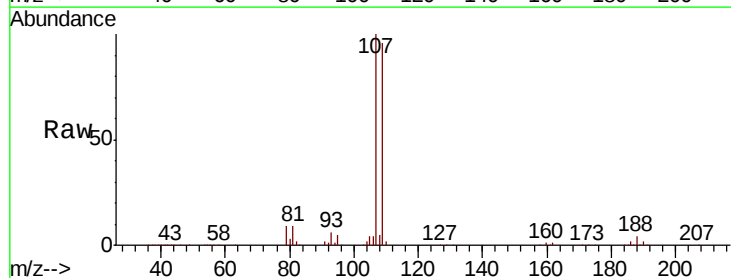
Tgt Ion:107 Resp: 349849

Ion Ratio Lower Upper

107 100

109 95.6 68.1 126.5

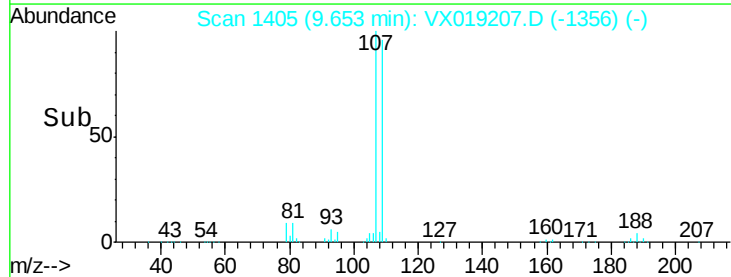
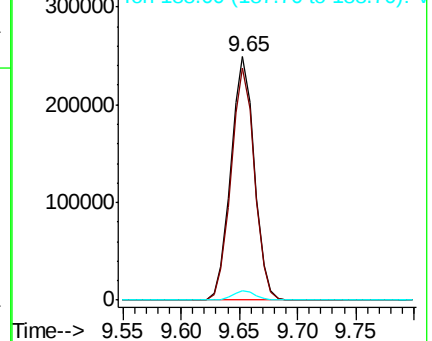
188 3.6 3.0 4.4

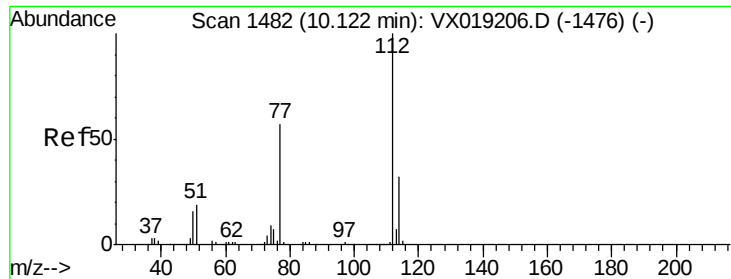


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V





#51

Chlorobenzene

Concen: 105.858 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019207.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_X

ClientSampled :

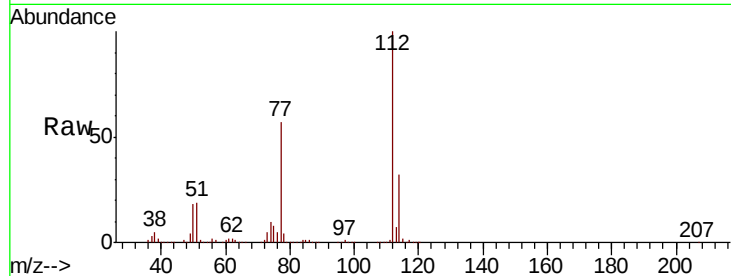
Tot Ion:112 Resp: 915464

Ion Ratio Lower Upper

112 100

114 31.5 22.2 41.2

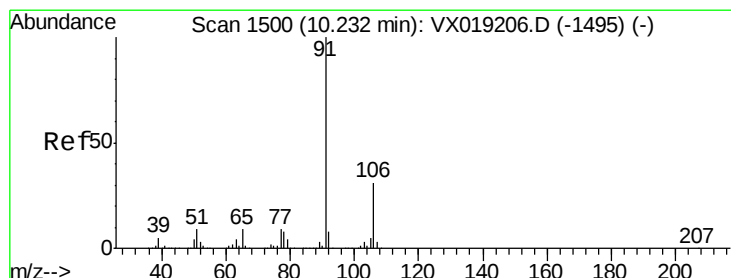
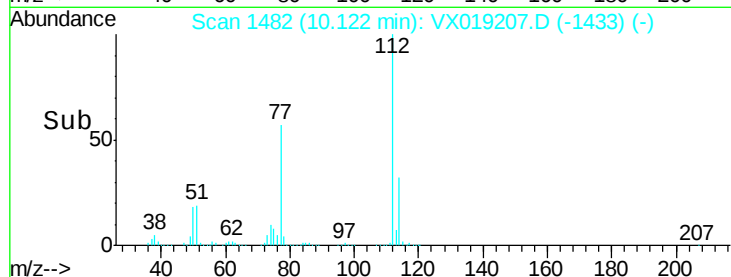
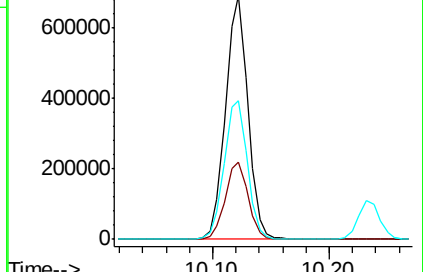
77 56.8 46.2 69.4



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#52

Ethylbenzene

Concen: 111.540 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019207.D

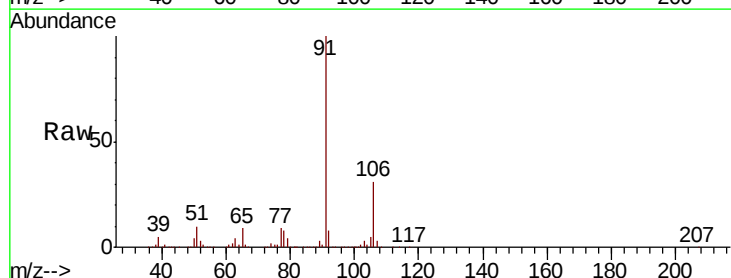
Acq: 02 Nov 2020 12:01

Tgt Ion: 91 Resp: 1614768

Ion Ratio Lower Upper

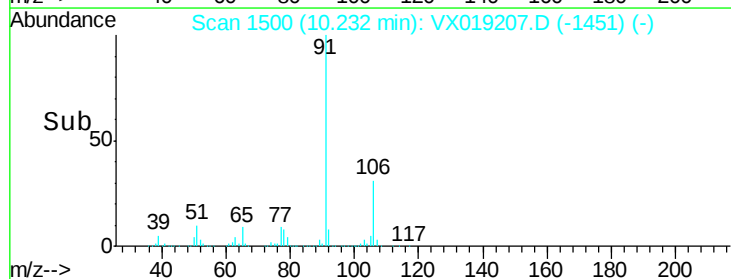
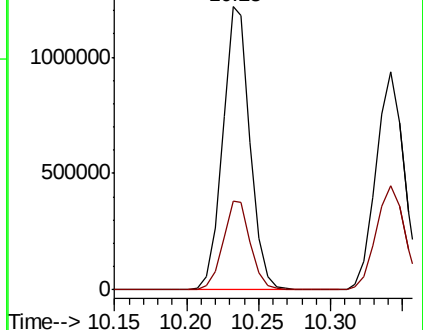
91 100

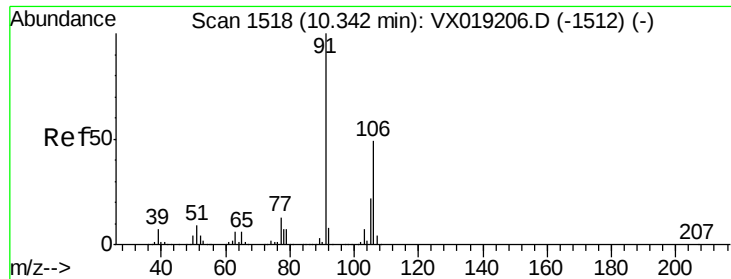
106 31.4 21.5 39.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 111.679 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019207.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_X

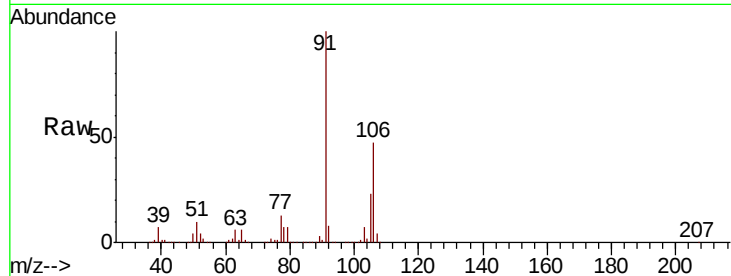
ClientSampled :

Tot Ion:106 Resp: 613369

Ion Ratio Lower Upper

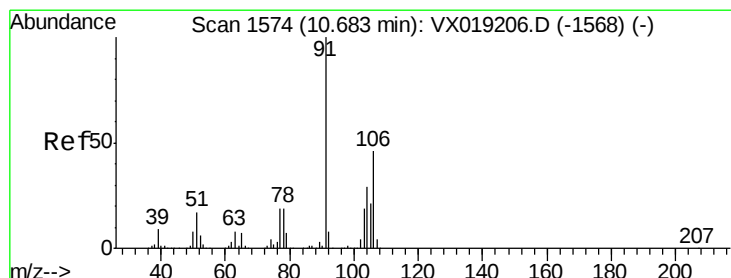
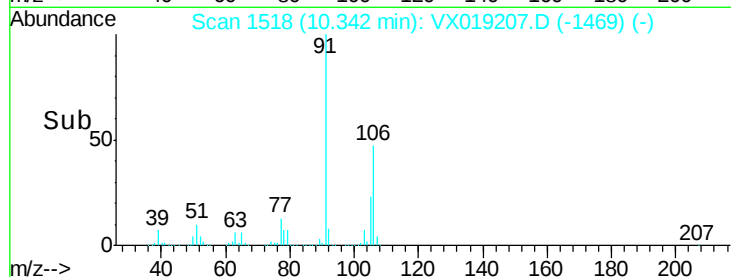
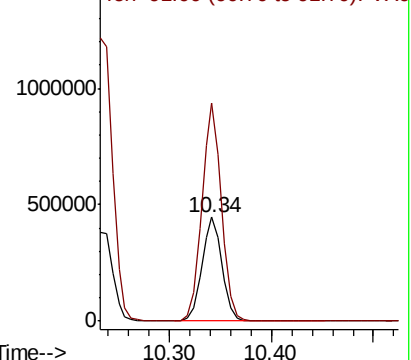
106 100

91 210.8 144.2 267.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#54

o-Xylene

Concen: 114.203 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019207.D

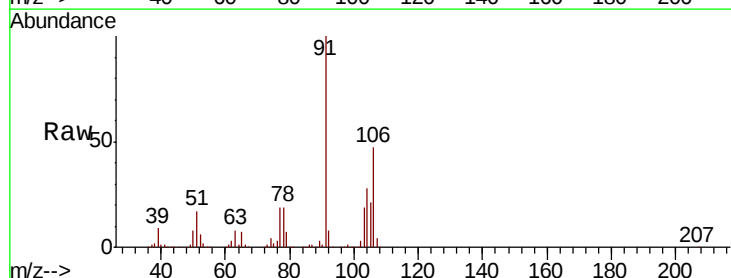
Acq: 02 Nov 2020 12:01

Tgt Ion:106 Resp: 603711

Ion Ratio Lower Upper

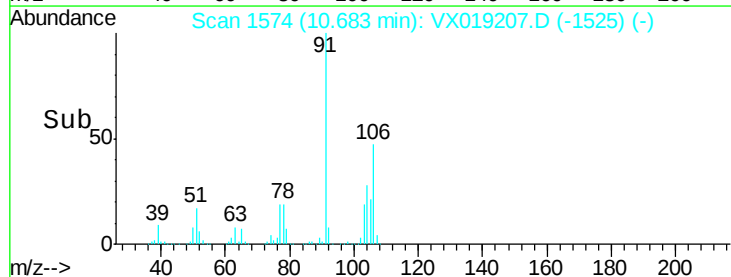
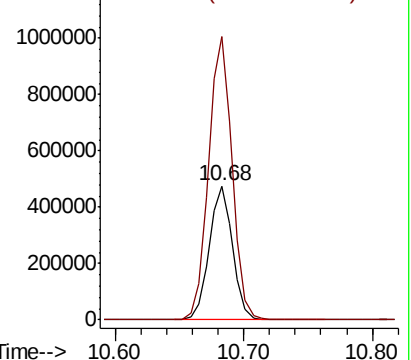
106 100

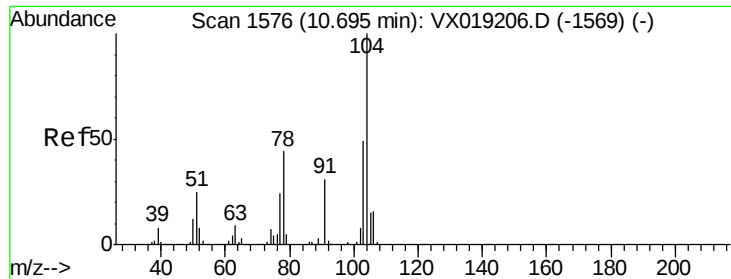
91 211.7 153.3 284.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#55

Stvrene

Concen: 114.144 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX019207.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_X

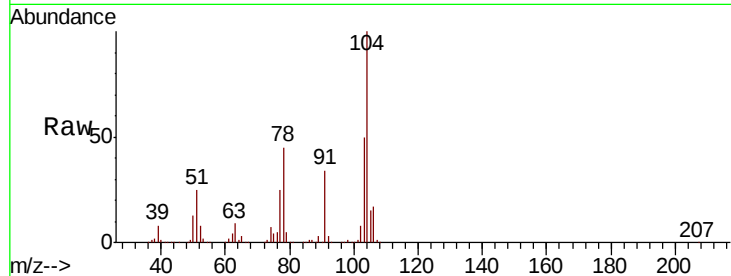
ClientSampled :

Tot Ion:104 Resp: 1039772

Ion Ratio Lower Upper

104 100

78 45.1 30.9 57.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

1000000

800000

600000

400000

200000

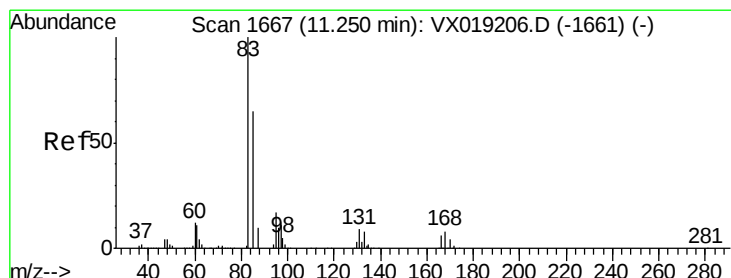
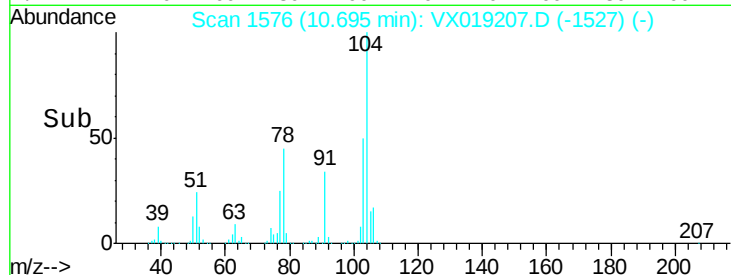
0

10.60

10.70

10.80

Time-->



#57

1,1,2,2-Tetrachloroethane

Concen: 105.395 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019207.D

Acq: 02 Nov 2020 12:01

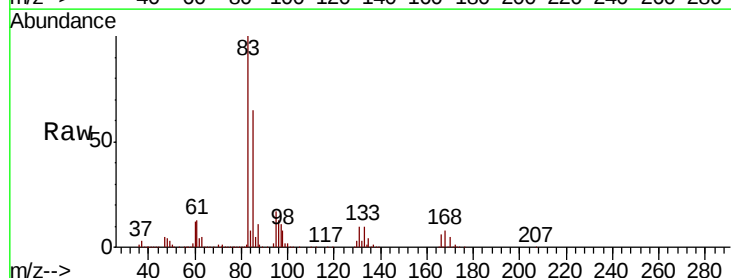
Tgt Ion: 83 Resp: 487709

Ion Ratio Lower Upper

83 100

85 64.6 45.9 85.3

131 9.9 7.7 11.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 131.00 (130.70 to 131.70): V

500000

400000

300000

200000

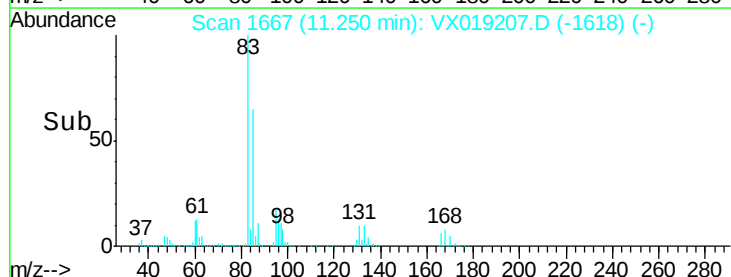
100000

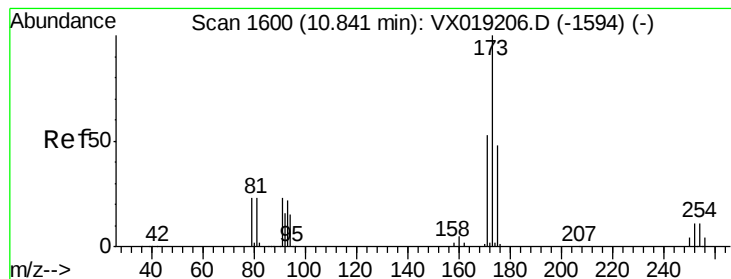
0

11.20

11.30

Time-->





#59

Bromoform

Concen: 98.105 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019207.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_X

ClientSampleId :

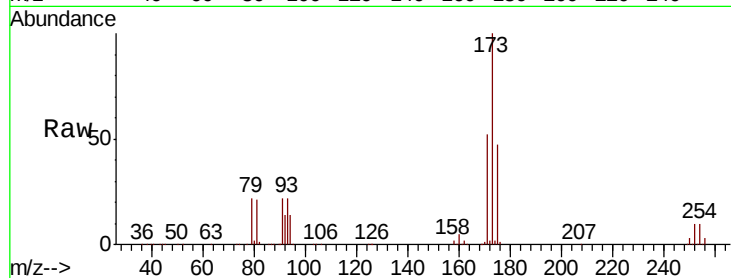
Tot Ion:173 Resp: 275145

Ion Ratio Lower Upper

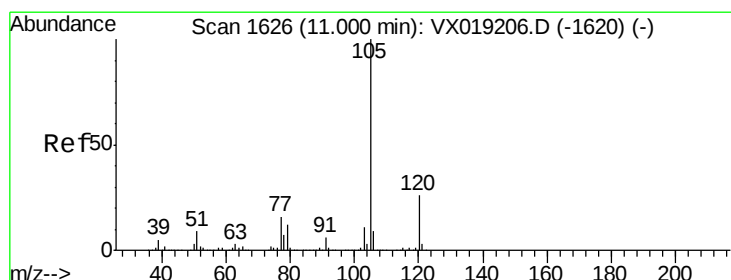
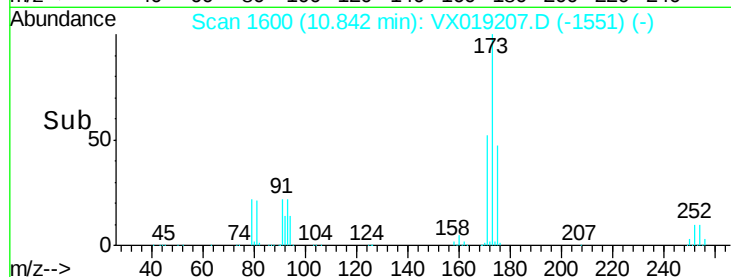
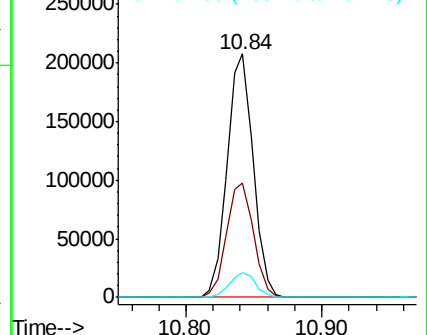
173 100

175 48.7 39.7 59.5

254 10.0 8.2 12.4



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#60

Isopropylbenzene

Concen: 111.215 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019207.D

Acq: 02 Nov 2020 12:01

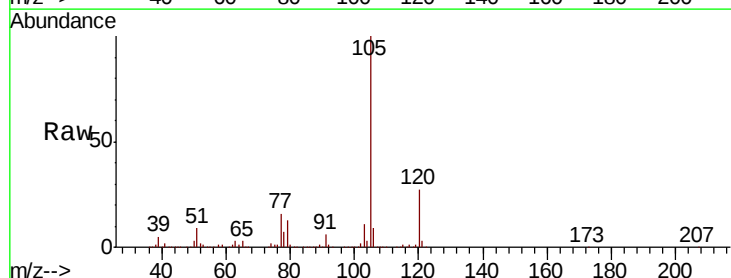
Tgt Ion:105 Resp: 1589946

Ion Ratio Lower Upper

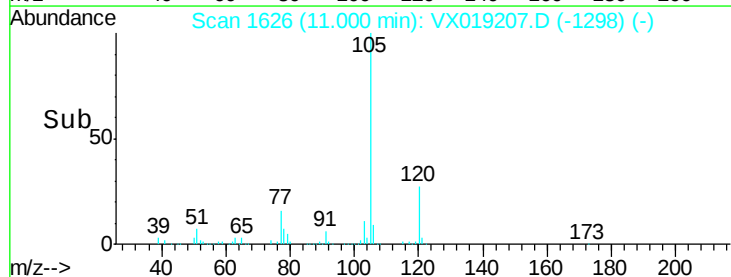
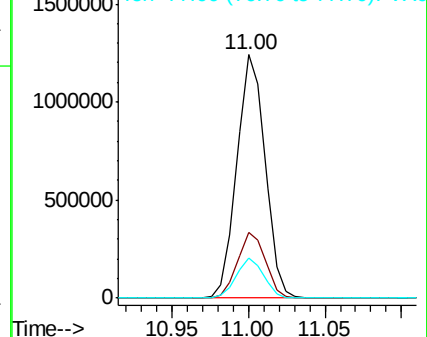
105 100

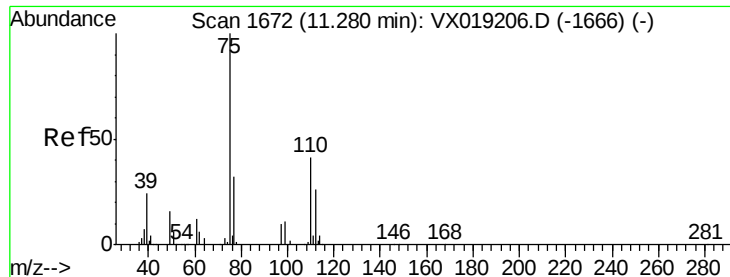
120 26.5 21.1 31.7

77 15.9 12.6 19.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): V





#61

1,2,3-Trichloropropane

Concen: 103.052 ug/L

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019207.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_X

ClientSampleId :

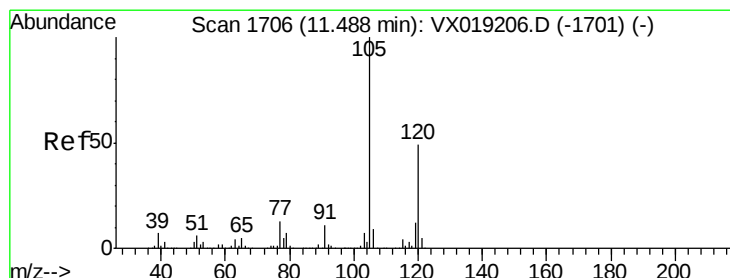
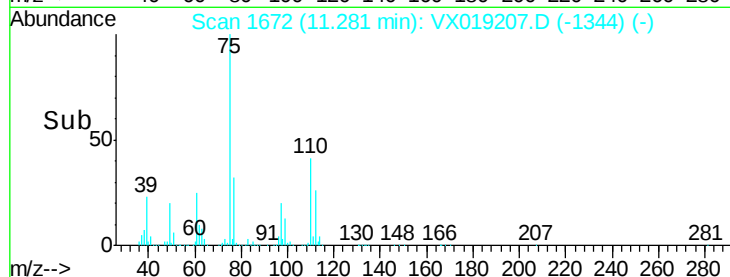
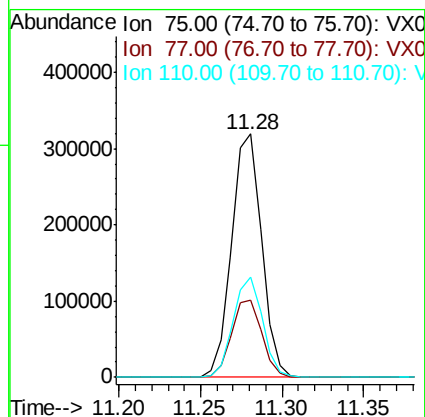
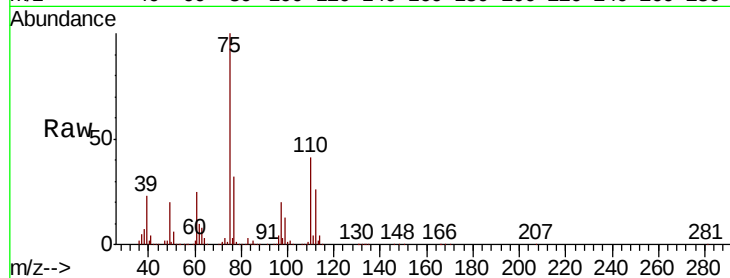
Tot Ion: 75 Resp: 409410

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0

110 40.5 32.2 48.2



#62

1,3,5-Trimethylbenzene

Concen: 115.117 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019207.D

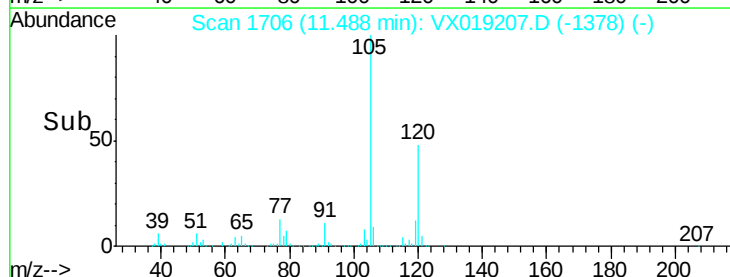
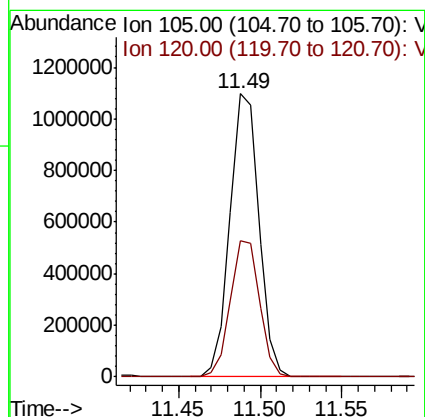
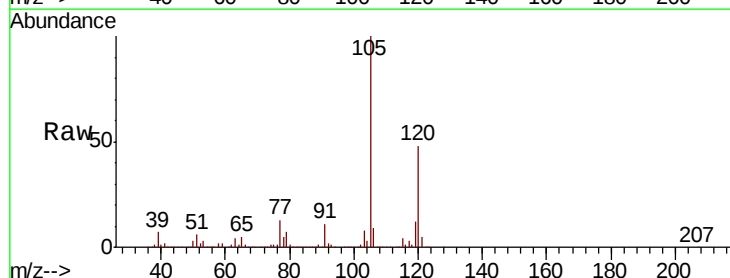
Acq: 02 Nov 2020 12:01

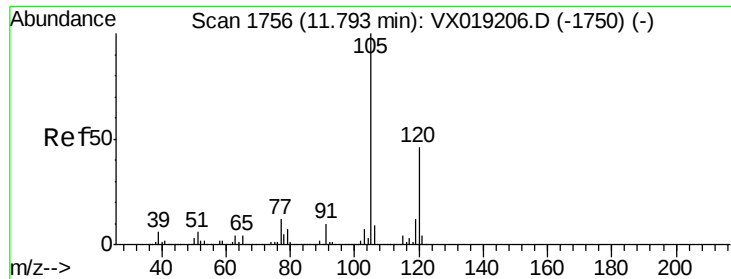
Tgt Ion: 105 Resp: 1358304

Ion Ratio Lower Upper

105 100

120 48.5 38.8 58.2

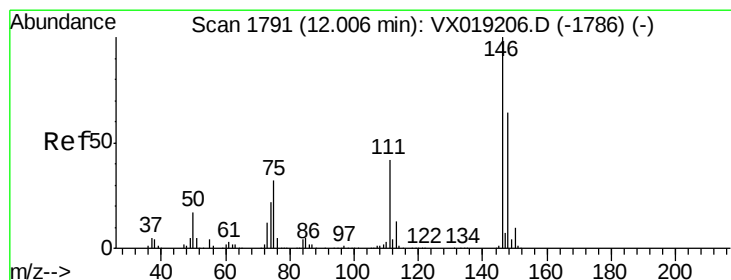
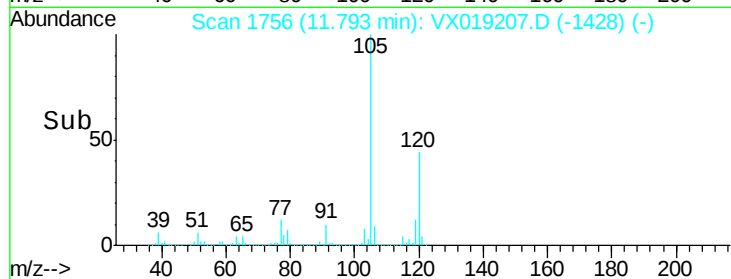
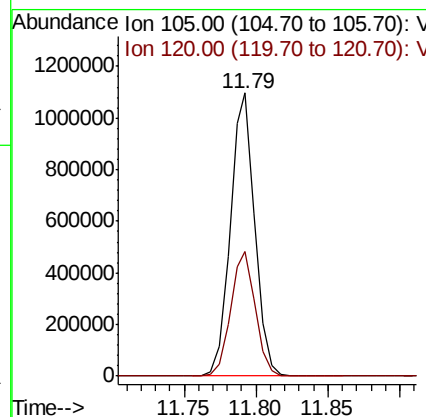
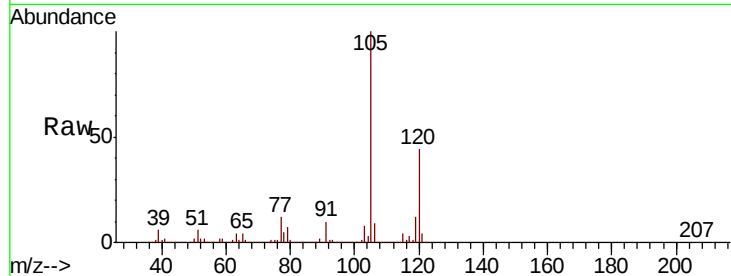




#63
 1,2,4-Trimethylbenzene
 Concen: 110.373 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019207.D
 Acq: 02 Nov 2020 12:01

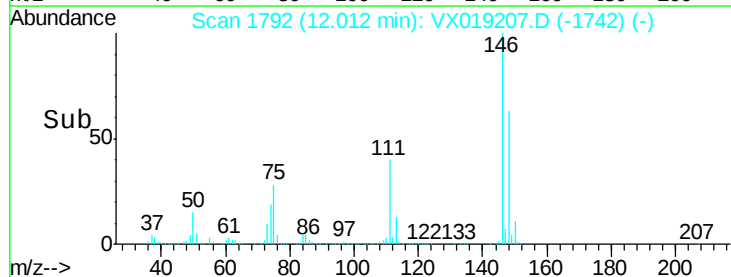
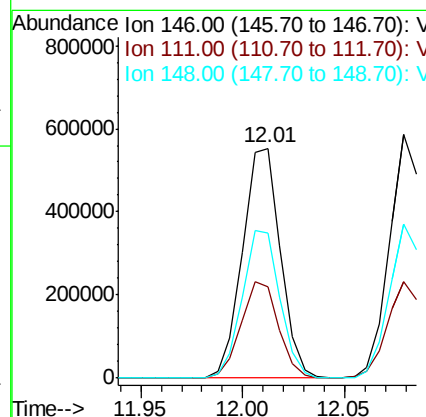
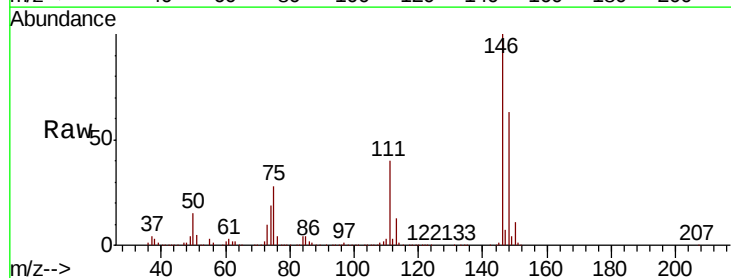
Instrument :
 MSVOA_X
 ClientSampleId :

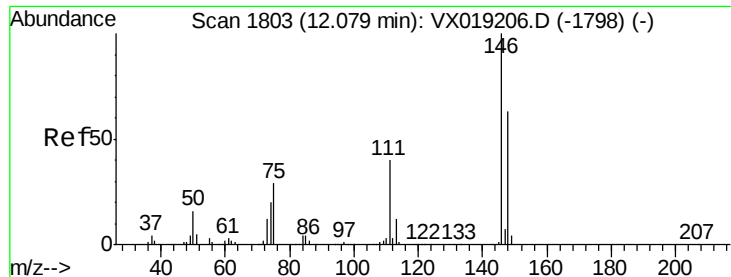
Tot Ion:105 Resp: 1304609
 Ion Ratio Lower Upper
 105 100
 120 44.4 36.0 54.0



#64
 1,3-Dichlorobenzene
 Concen: 103.987 ug/L
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019207.D
 Acq: 02 Nov 2020 12:01

Tgt Ion:146 Resp: 715515
 Ion Ratio Lower Upper
 146 100
 111 39.6 29.7 55.1
 148 63.1 44.5 82.7

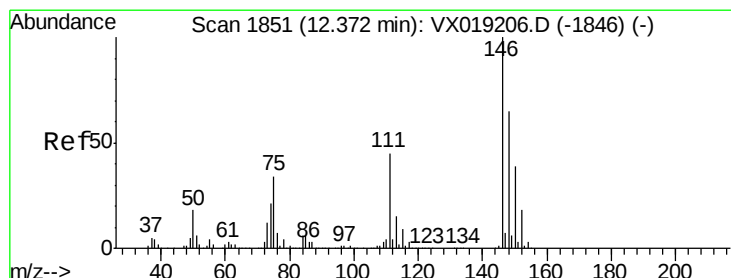
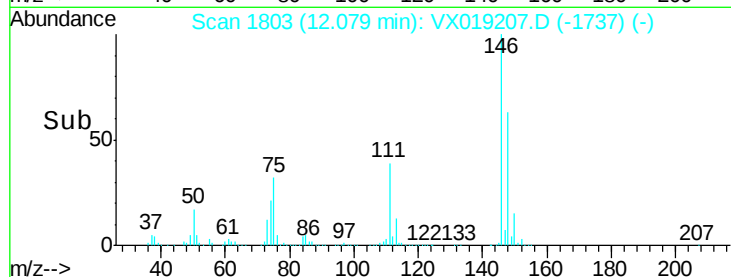
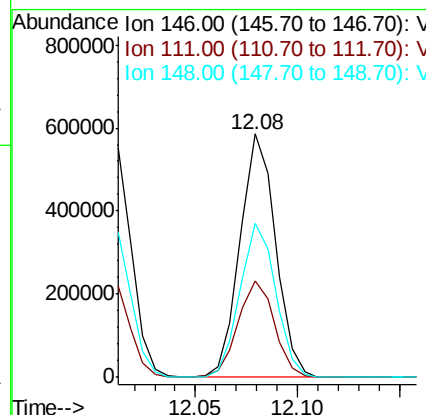
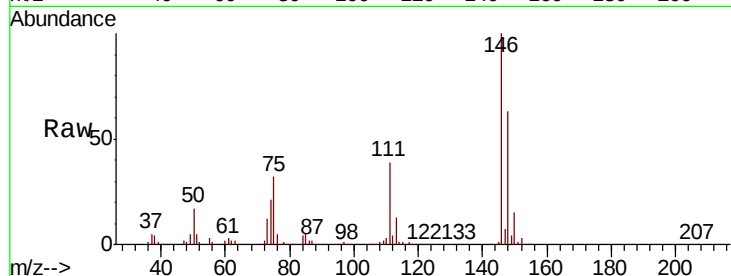




#65
 1,4-Dichlorobenzene
 Concen: 101.851 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019207.D
 Acq: 02 Nov 2020 12:01

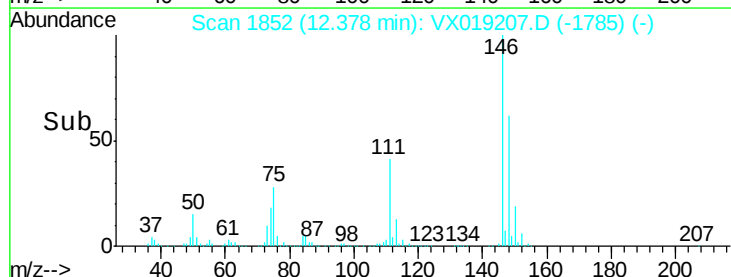
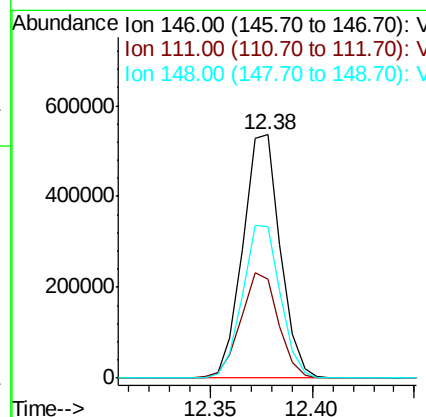
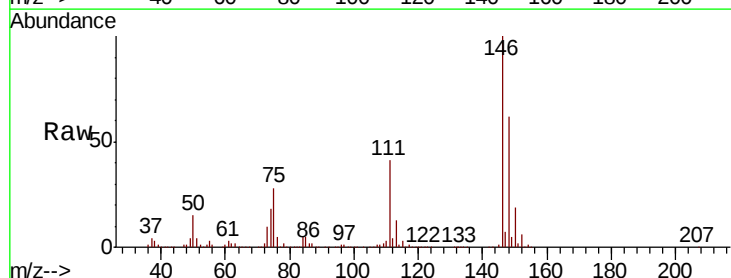
Instrument :
 MSVOA_X
 ClientSampleId :

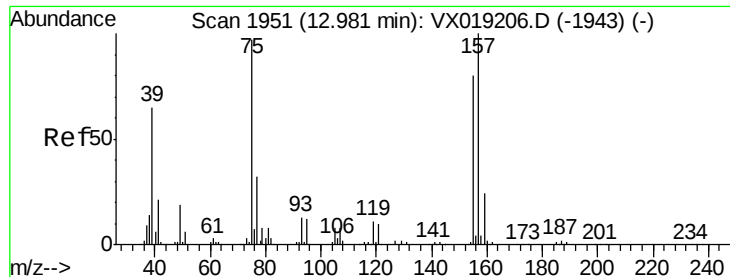
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	28.1	52.3
148	63.1	43.8	81.4



#67
 1,2-Dichlorobenzene
 Concen: 103.121 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019207.D
 Acq: 02 Nov 2020 12:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	35.9	53.9
148	62.3	52.2	78.4





#68

1,2-Dibromo-3-chloropropane

Concen: 101.221 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019207.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_X

ClientSampleId :

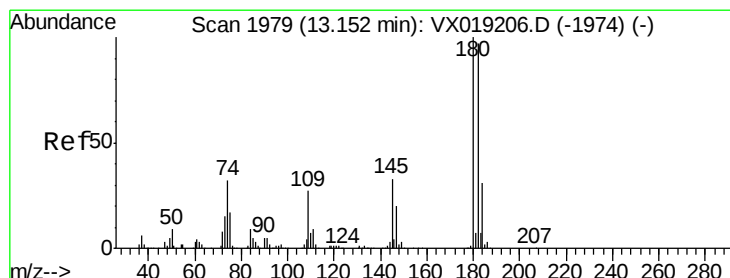
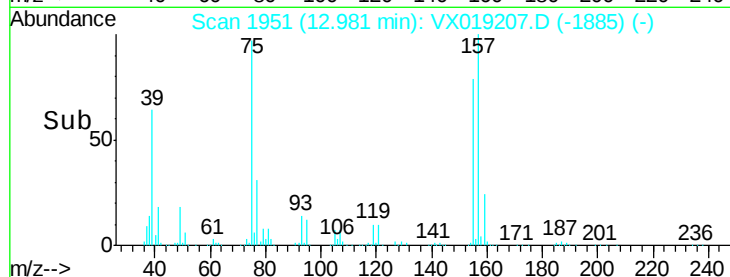
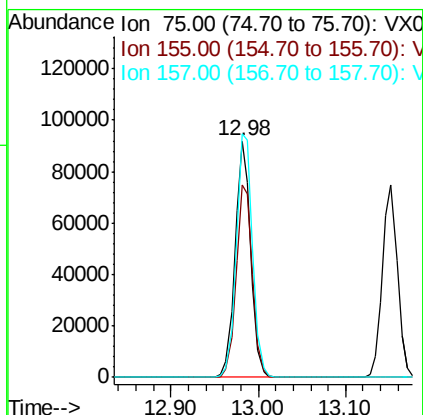
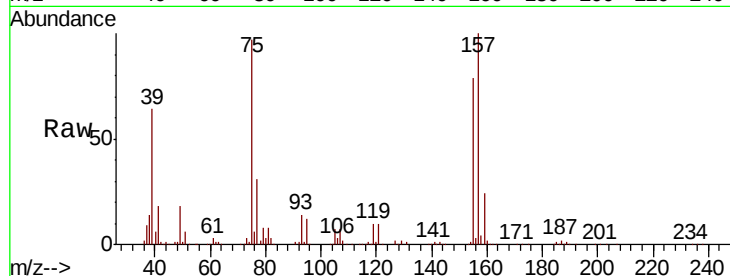
Tot Ion: 75 Resp: 115287

Ion Ratio Lower Upper

75 100

155 81.5 65.8 98.8

157 103.1 82.6 123.8



#69

1,3,5-Trichlorobenzene

Concen: 107.557 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VX019207.D

Acq: 02 Nov 2020 12:01

Tgt Ion:180 Resp: 497236

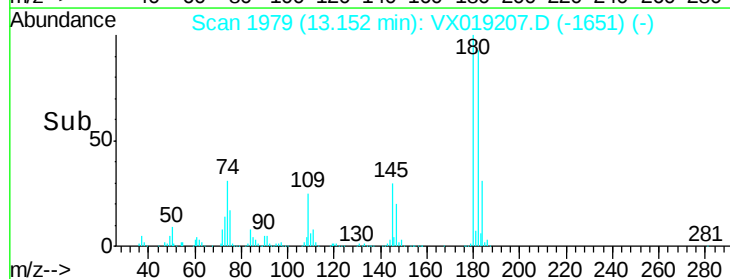
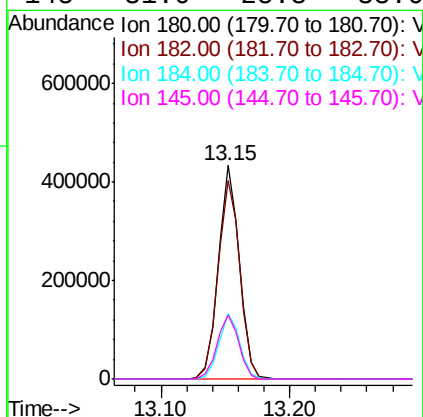
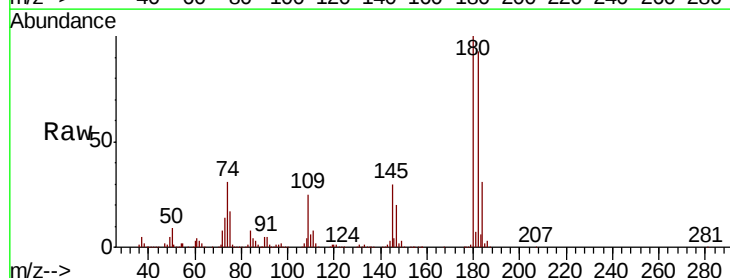
Ion Ratio Lower Upper

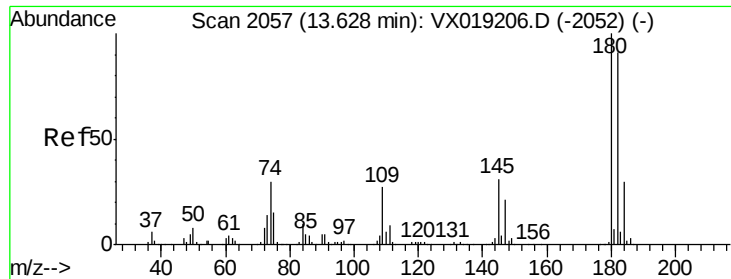
180 100

182 96.2 78.8 118.2

184 30.6 25.2 37.8

145 31.0 25.8 38.6

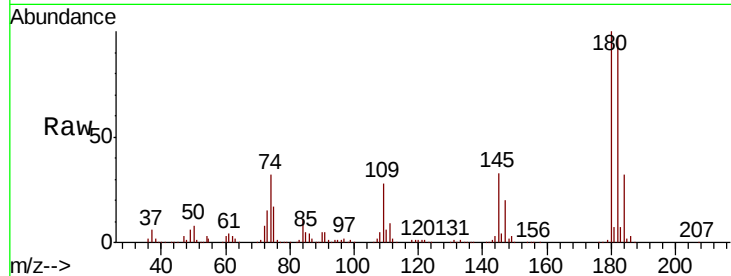




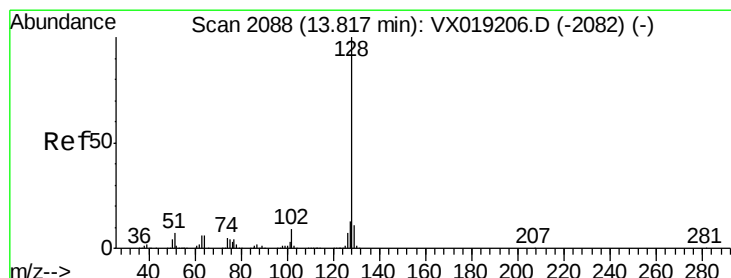
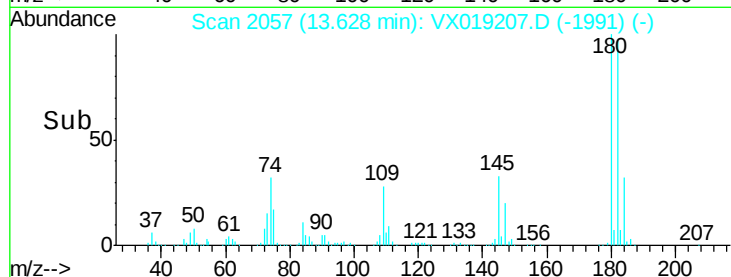
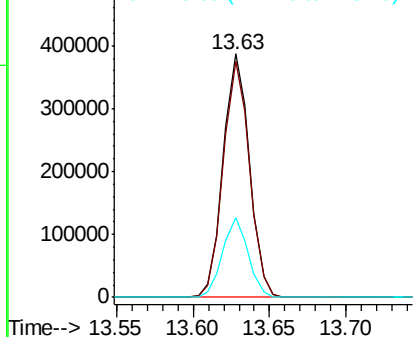
#70
1,2,4-trichlorobenzene
Concen: 108.081 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX019207.D
Acq: 02 Nov 2020 12:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	74.6	111.8
145	31.8	25.4	38.0

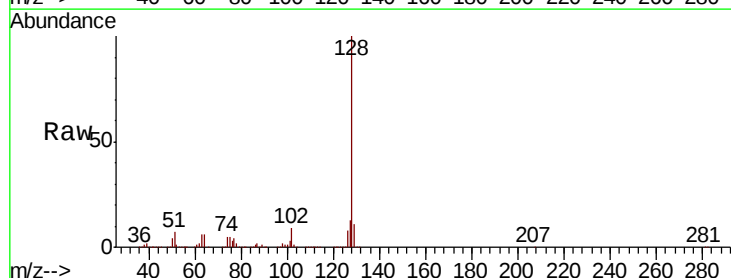


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

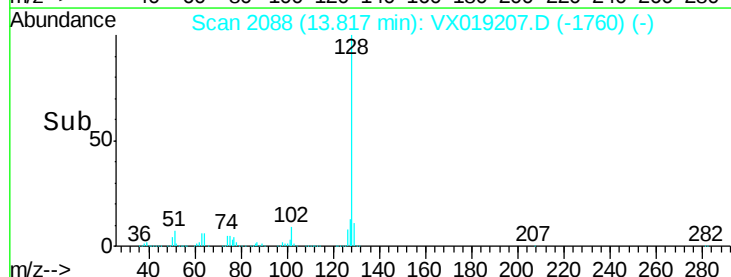
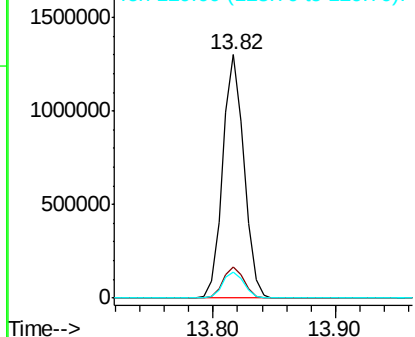


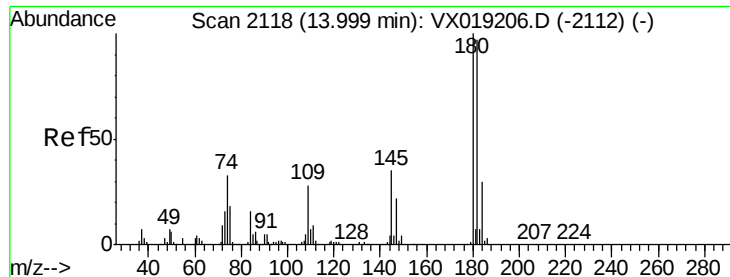
#71
Naphthalene
Concen: 117.418 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019207.D
Acq: 02 Nov 2020 12:01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	10.9	8.5	12.7



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





#72

1,2,3-Trichlorobenzene

Concen: 108.493 ug/L

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019207.D

Acq: 02 Nov 2020 12:01

Instrument :

MSVOA_X

ClientSampleId :

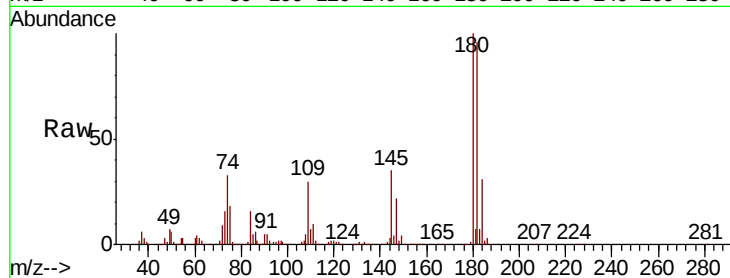
Tot Ion:180 Resp: 456784

Ion Ratio Lower Upper

180 100

182 96.1 75.3 112.9

145 33.9 27.1 40.7



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

