

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019278.D
 Acq On : 04 Nov 2020 18:57
 Operator : JC/MD
 Sample : VX1106WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

Quant Time: Nov 05 02:23:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	247725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	423226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	378857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190589	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	162523	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
35) Dibromofluoromethane	5.46	113	125702	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	8.70	98	480758	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
62) 4-Bromofluorobenzene	11.12	95	179312	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	39252	19.006	ug/l	97
3) Chloromethane	1.31	50	47227	20.469	ug/l	100
4) Vinyl Chloride	1.39	62	53970	20.170	ug/l	100
5) Bromomethane	1.64	94	40573	22.203	ug/l	100
6) Chloroethane	1.72	64	36137	21.153	ug/l	97
7) Trichlorofluoromethane	1.92	101	82811	19.700	ug/l	99
8) Diethyl Ether	2.17	74	33854	20.984	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45657	19.595	ug/l	98
10) Methyl Iodide	2.49	142	48268	21.690	ug/l	98
11) Tert butyl alcohol	3.02	59	64422	102.095	ug/l	100
12) 1,1-Dichloroethene	2.36	96	46402	19.326	ug/l	98
13) Acrolein	2.28	56	22551	83.775	ug/l	98
14) Allyl chloride	2.71	41	72523	19.942	ug/l	99
15) Acrylonitrile	3.12	53	138245	104.260	ug/l	99
16) Acetone	2.42	43	114225	103.641	ug/l	99
17) Carbon Disulfide	2.55	76	123183	18.485	ug/l	99
18) Methyl Acetate	2.75	43	56309	21.010	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	165825	19.933	ug/l	98
20) Methylene Chloride	2.83	84	53959	19.502	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	52709	19.075	ug/l	96
22) Diisopropyl ether	3.82	45	153001	21.103	ug/l	95
23) Vinyl Acetate	3.78	43	671630	103.882	ug/l	98
24) 1,1-Dichloroethane	3.67	63	92868	20.516	ug/l	100
25) 2-Butanone	4.64	43	182457	105.044	ug/l	96
26) 2,2-Dichloropropane	4.55	77	81327	19.111	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	59765	19.355	ug/l	97
28) Bromochloromethane	4.98	49	42579	20.691	ug/l	92
29) Tetrahydrofuran	5.09	42	116616	106.536	ug/l	98
30) Chloroform	5.18	83	96981	20.128	ug/l	99
31) Cyclohexane	5.55	56	79611	19.714	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	87813	20.102	ug/l	98
36) 1,1-Dichloropropene	5.77	75	73809	18.886	ug/l	98
37) Ethyl Acetate	4.79	43	71343	19.661	ug/l	99
38) Carbon Tetrachloride	5.76	117	73310	18.403	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	85401	18.275	ug/l	97
40) Benzene	6.11	78	214198	19.330	ug/l	99
41) Methacrylonitrile	5.00	41	38545	19.725	ug/l	98
42) 1,2-Dichloroethane	6.17	62	80904	19.811	ug/l	100
43) Isopropyl Acetate	6.41	43	117311	19.308	ug/l	99
44) Trichloroethene	7.19	130	57605	18.152	ug/l	92
45) 1,2-Dichloropropane	7.49	63	54955	20.248	ug/l	100
46) Dibromomethane	7.63	93	37979	18.923	ug/l	95
47) Bromodichloromethane	7.87	83	75972	19.205	ug/l	97
48) Methyl methacrylate	7.74	41	57162	19.547	ug/l	98
49) 1,4-Dioxane	7.73	88	24991	384.270	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	360439	103.215	ug/l	99
52) Toluene	8.76	92	135478	18.983	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	80612	17.841	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	87864	18.493	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	54651	19.381	ug/l	97
56) Ethyl methacrylate	9.16	69	80380	18.872	ug/l	97
57) 1,3-Dichloropropane	9.35	76	92567	19.470	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	228238	95.817	ug/l	96
59) 2-Hexanone	9.47	43	274134	103.126	ug/l	98
60) Dibromochloromethane	9.56	129	55958	18.285	ug/l	100
61) 1,2-Dibromoethane	9.65	107	56994	18.901	ug/l	98
64) Tetrachloroethene	9.32	164	54073	18.733	ug/l	94
65) Chlorobenzene	10.12	112	142905	18.455	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	51551	18.492	ug/l	100
67) Ethyl Benzene	10.23	91	258505	18.735	ug/l	100
68) m/p-Xylenes	10.34	106	194838	37.623	ug/l	99
69) o-Xylene	10.68	106	91214	18.570	ug/l	98
70) Styrene	10.70	104	155860	18.597	ug/l	99
71) Bromoform	10.84	173	37198	16.830	ug/l #	99
73) Isopropylbenzene	11.00	105	251395	18.634	ug/l	100
74) N-amyl acetate	10.88	43	93932	19.043	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	82785	19.635	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	94626	24.046	ug/l	87
77) Bromobenzene	11.24	156	59582	17.795	ug/l	93
78) n-propylbenzene	11.34	91	287475	18.667	ug/l	100
79) 2-Chlorotoluene	11.40	91	171241	18.887	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	210992	18.513	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	24516	16.403	ug/l	93
82) 4-Chlorotoluene	11.49	91	203530	18.383	ug/l	98
83) tert-Butylbenzene	11.76	119	198898	18.226	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	214451	18.638	ug/l	100
85) sec-Butylbenzene	11.93	105	246563	18.839	ug/l	99
86) p-Isopropyltoluene	12.05	119	222006	18.377	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	112000	17.962	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	114781	17.684	ug/l	97
89) n-Butylbenzene	12.37	91	206065	18.147	ug/l	98
90) Hexachloroethane	12.58	117	35960	17.513	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	109169	18.233	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18524	17.947	ug/l	93

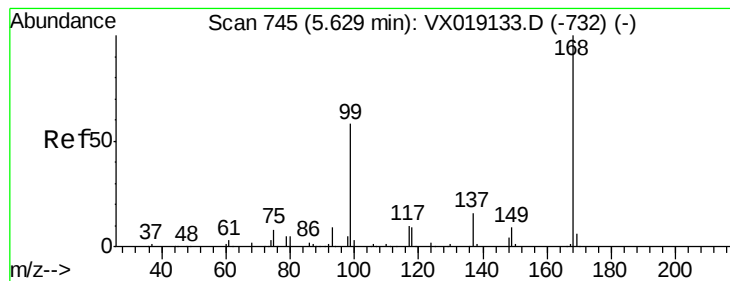
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110620\
Data File : VX019278.D
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Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	73344	16.308	ug/l	100
94) Hexachlorobutadiene	13.76	225	31647	15.985	ug/l	97
95) Naphthalene	13.82	128	238905	16.867	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	73036	16.740	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

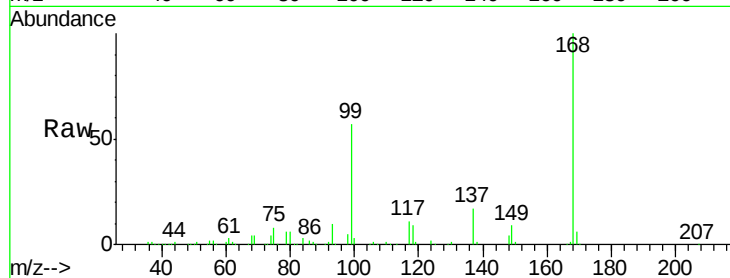
VX1106WBSD01

Tot Ion:168 Resp: 247725

Ion Ratio Lower Upper

168 100

99 57.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

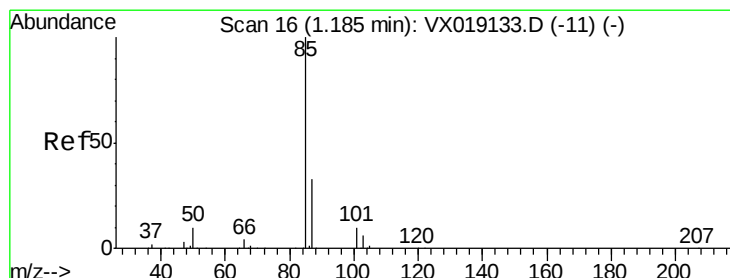
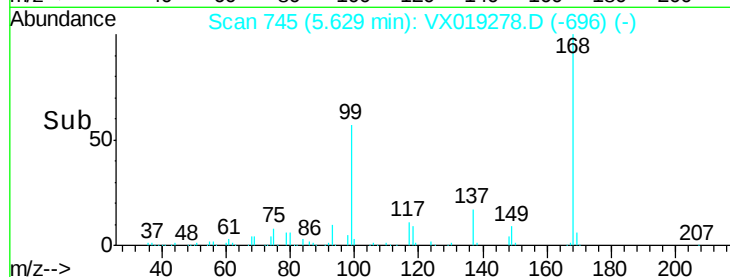
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.006 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019278.D

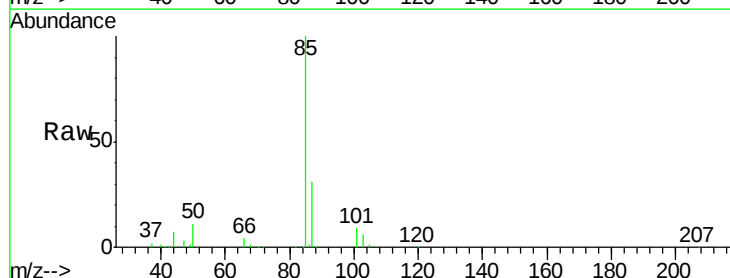
Acq: 04 Nov 2020 18:57

Tgt Ion: 85 Resp: 39252

Ion Ratio Lower Upper

85 100

87 31.4 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

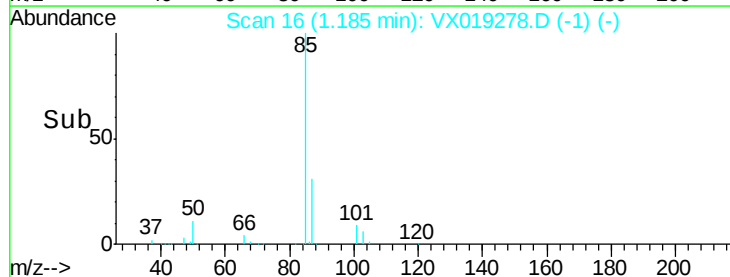
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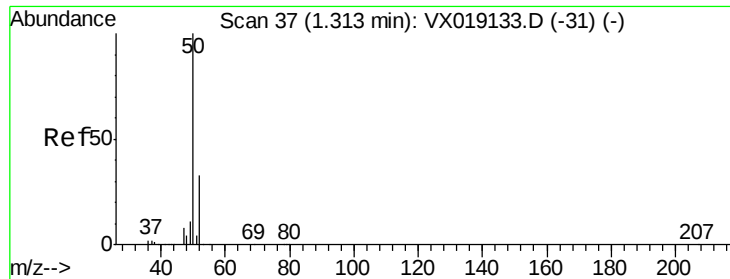
20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.469 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

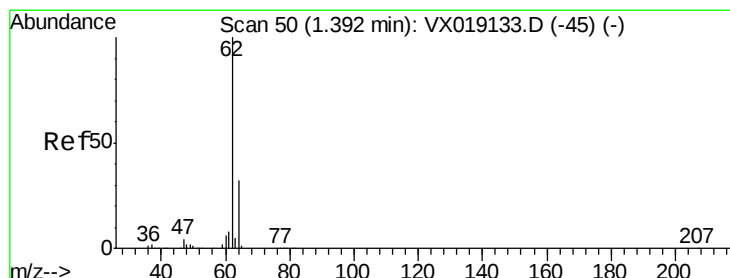
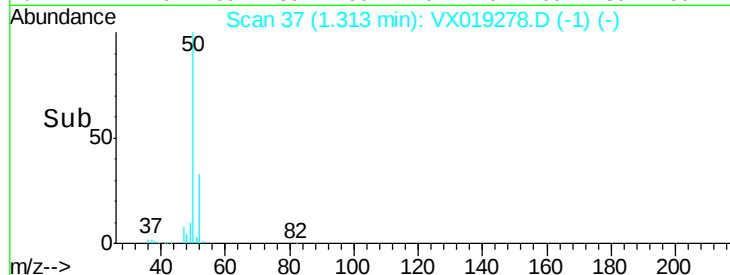
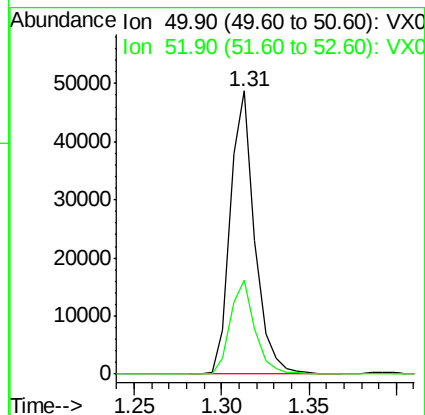
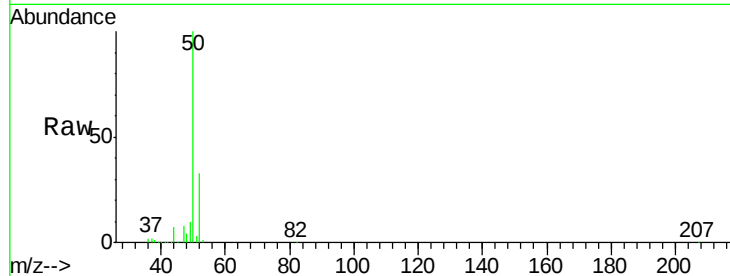
VX1106WBSD01

Tot Ion: 50 Resp: 47227

Ion Ratio Lower Upper

50 100

52 33.4 26.8 40.2



#4

Vinyl Chloride

Concen: 20.170 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019278.D

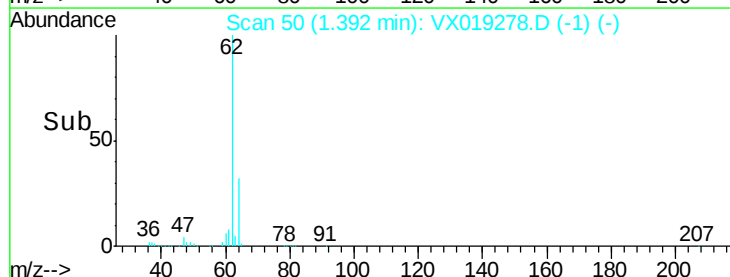
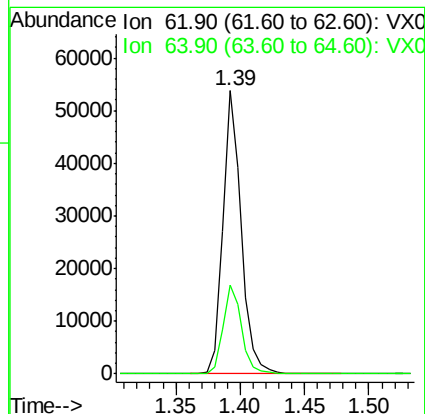
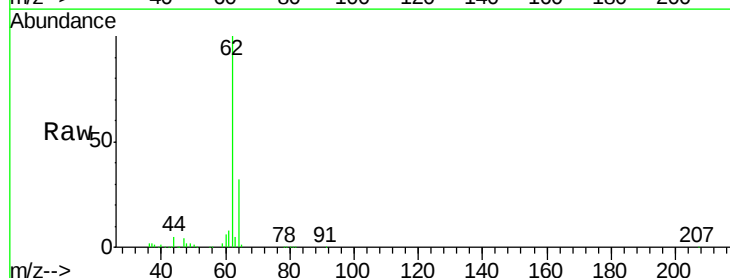
Acq: 04 Nov 2020 18:57

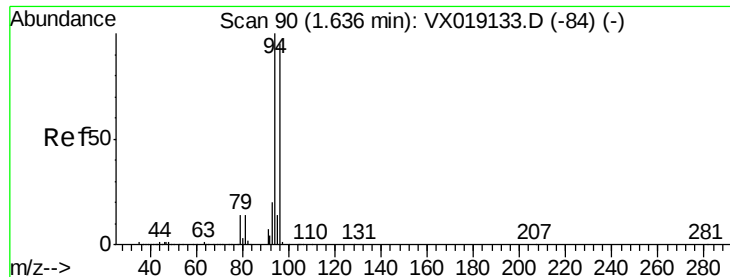
Tgt Ion: 62 Resp: 53970

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.0





#5

Bromomethane

Concen: 22.203 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

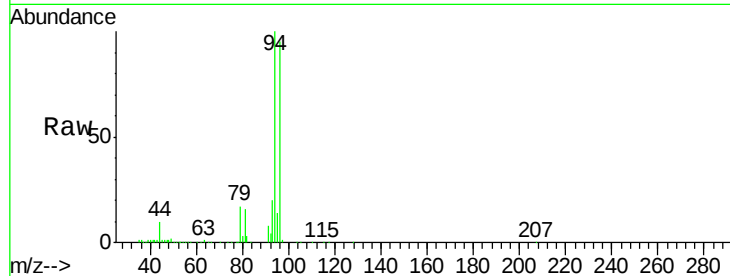
VX1106WBSD01

Tot Ion: 94 Resp: 40573

Ion Ratio Lower Upper

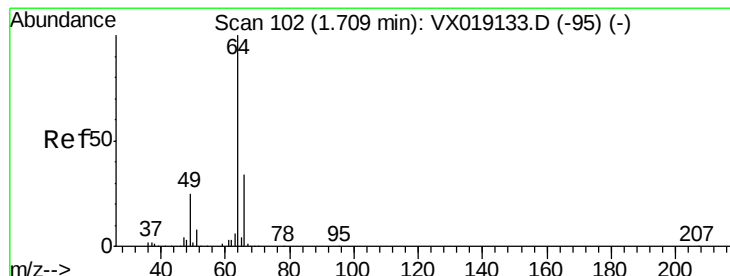
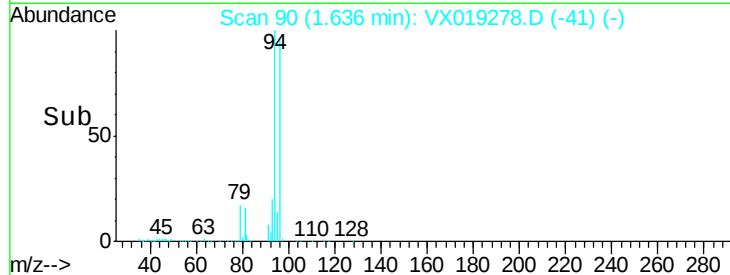
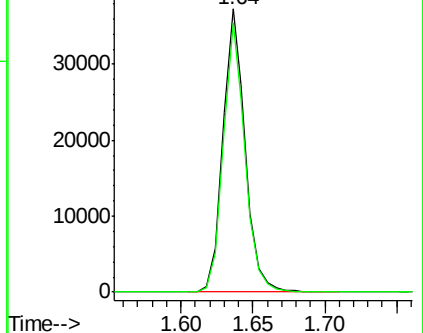
94 100

96 95.0 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.153 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019278.D

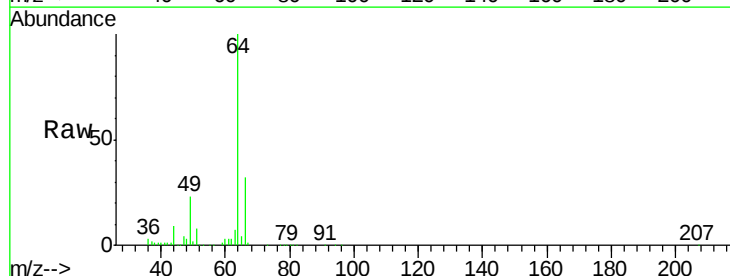
Acq: 04 Nov 2020 18:57

Tgt Ion: 64 Resp: 36137

Ion Ratio Lower Upper

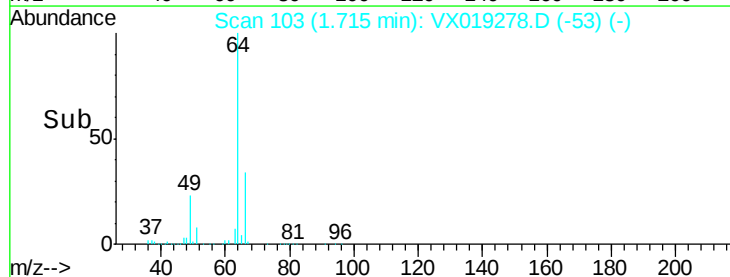
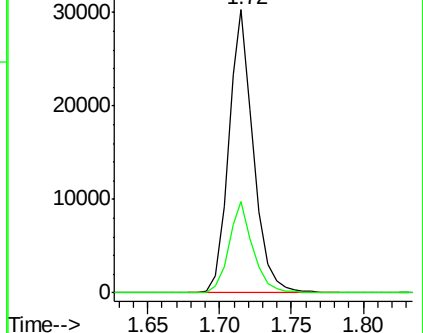
64 100

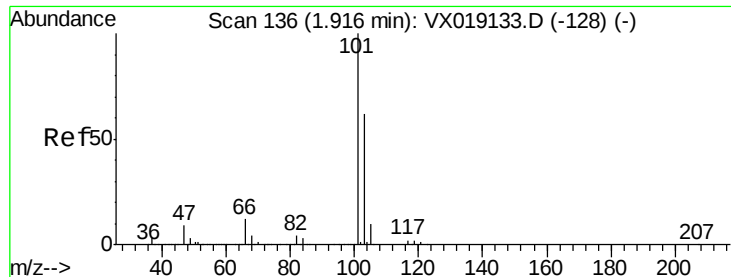
66 32.3 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



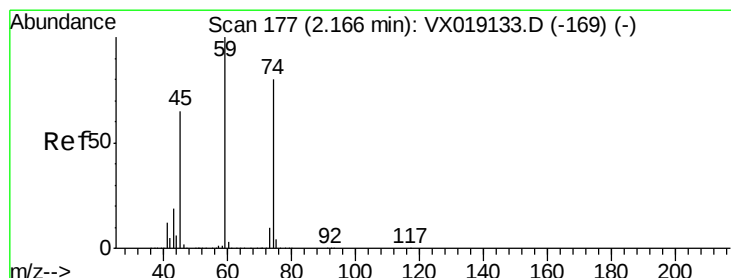
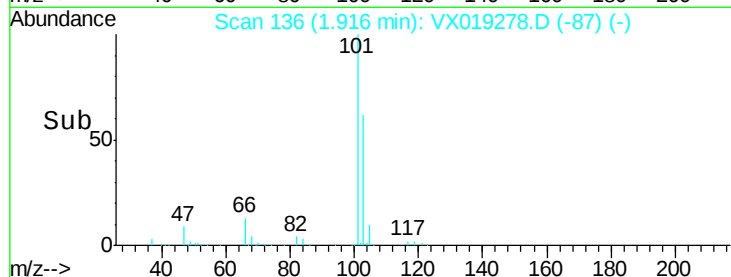
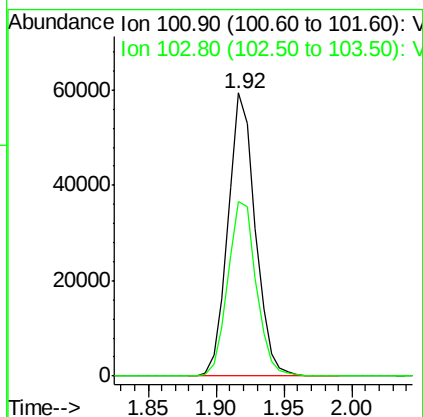
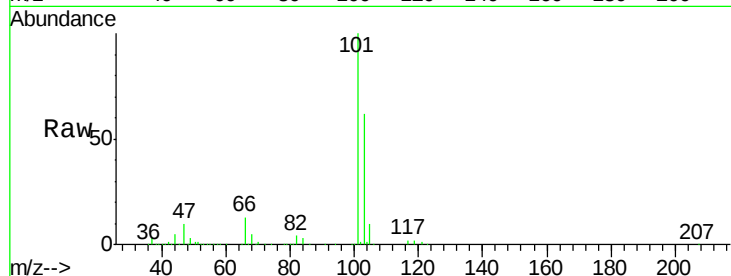


#7

Trichlorofluoromethane
 Concen: 19.700 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX019278.D
 Acq: 04 Nov 2020 18:57

Instrument :
 MSVOA_X
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 VX1106WBSD01

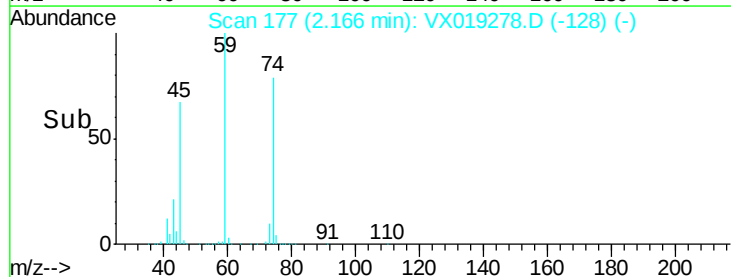
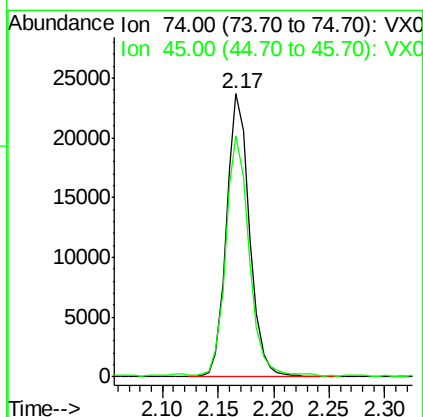
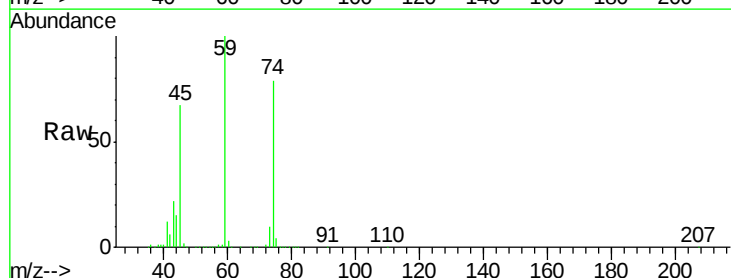
Tot Ion:101 Resp: 82811
 Ion Ratio Lower Upper
 101 100
 103 61.9 50.0 75.0

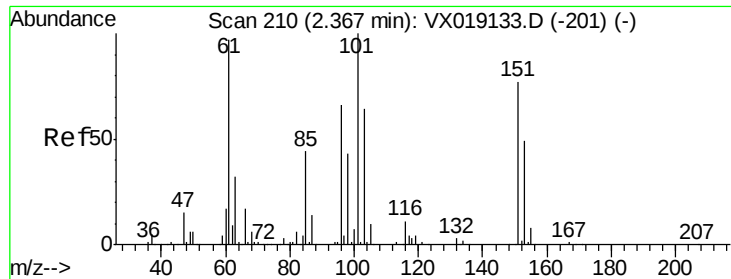


#8

Diethyl Ether
 Concen: 20.984 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019278.D
 Acq: 04 Nov 2020 18:57

Tgt Ion: 74 Resp: 33854
 Ion Ratio Lower Upper
 74 100
 45 86.1 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.595 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

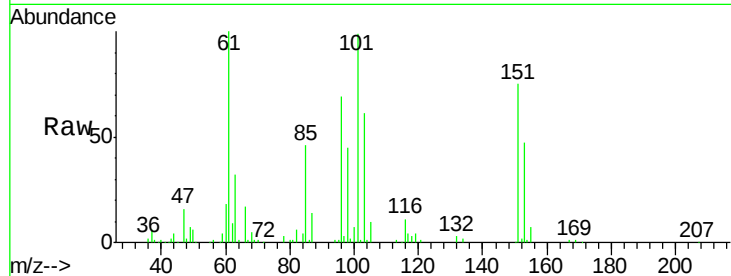
Tot Ion:101 Resp: 45657

Ion Ratio Lower Upper

101 100

85 45.1 35.0 52.4

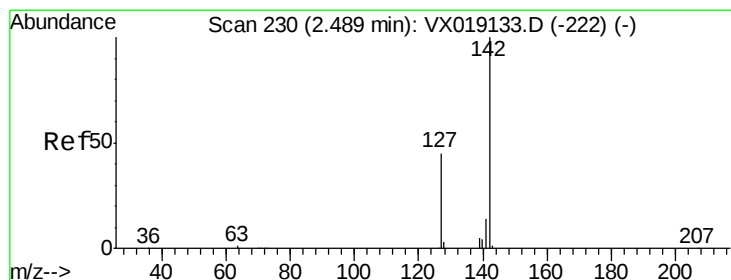
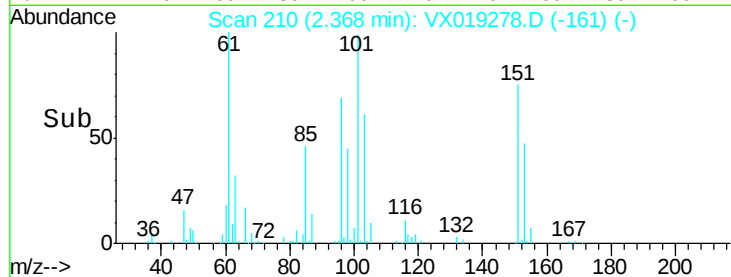
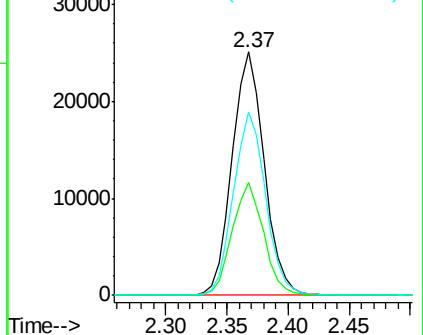
151 75.5 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.690 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

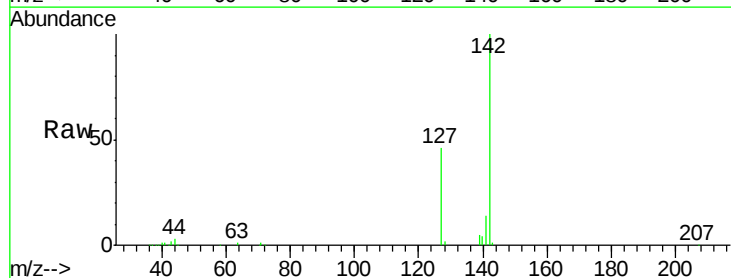
Tgt Ion:142 Resp: 48268

Ion Ratio Lower Upper

142 100

127 46.3 36.1 54.1

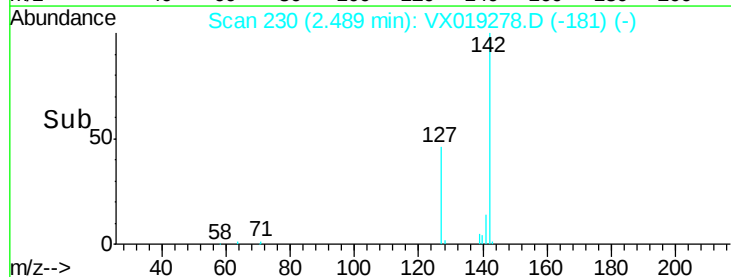
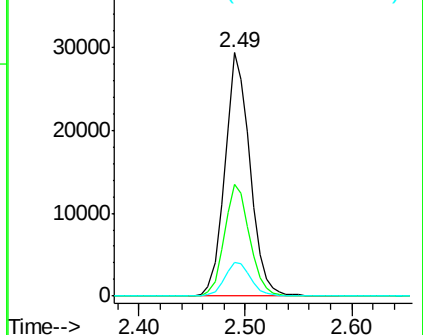
141 14.3 11.3 16.9

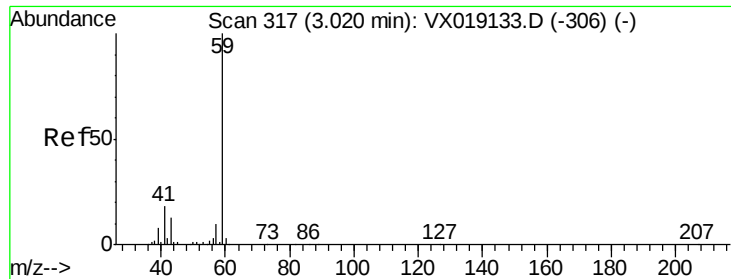


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

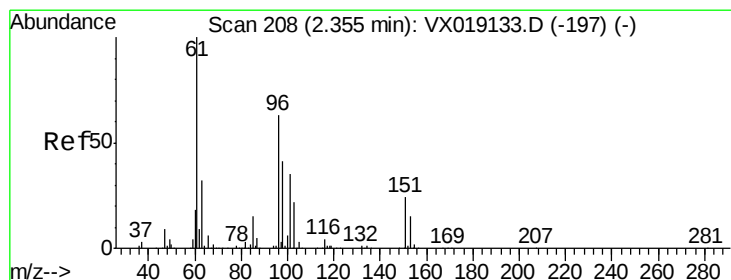
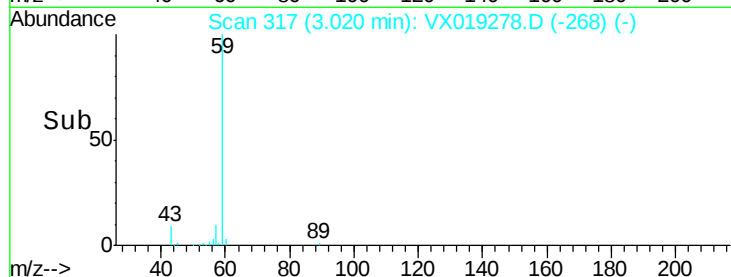
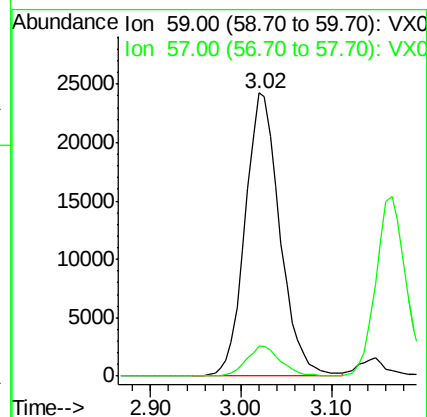
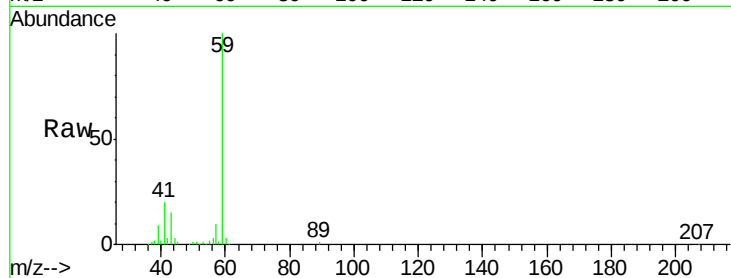




#11
Tert butyl alcohol
Concen: 102.095 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

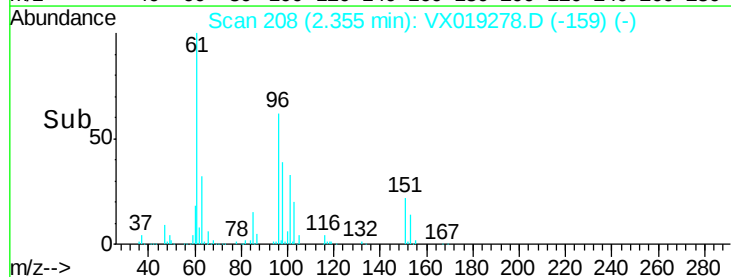
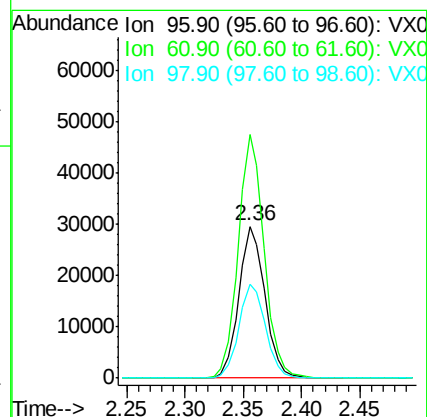
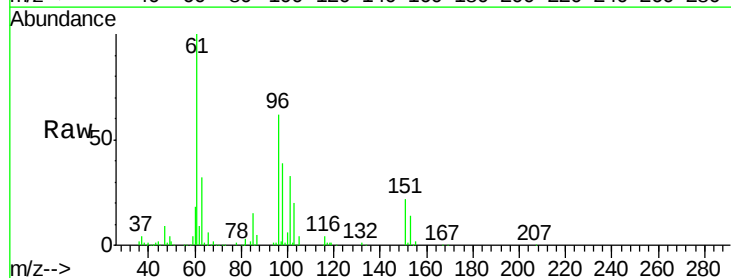
Instrument :
MSVOA_X
ClientSampled :
VX1106WBSD01

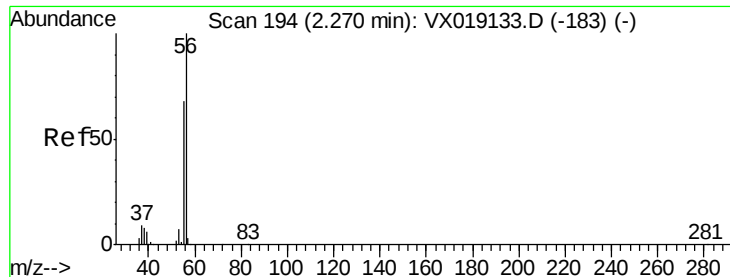
Tot Ion: 59 Resp: 64422
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 19.326 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

Tgt Ion: 96 Resp: 46402
Ion Ratio Lower Upper
96 100
61 160.4 127.7 191.5
98 61.8 52.1 78.1





#13

Acrolein

Concen: 83.775 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

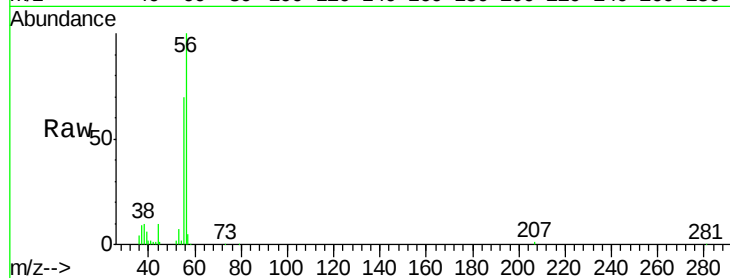
VX1106WBSD01

Tot Ion: 56 Resp: 22551

Ion Ratio Lower Upper

56 100

55 69.7 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

15000

10000

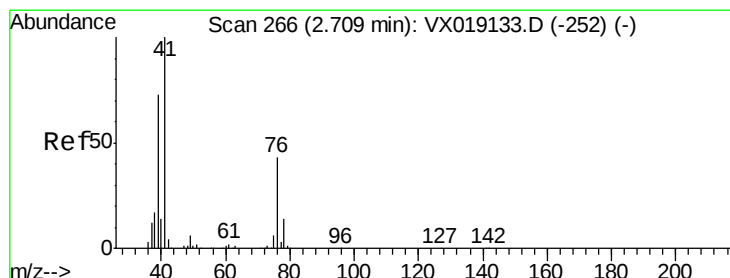
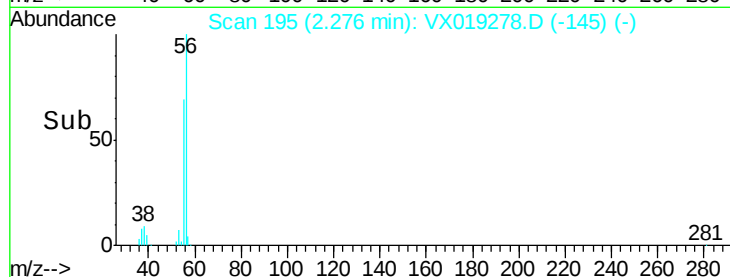
5000

0

2.28

2.20 2.30 2.40

Time-->



#14

Allyl chloride

Concen: 19.942 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

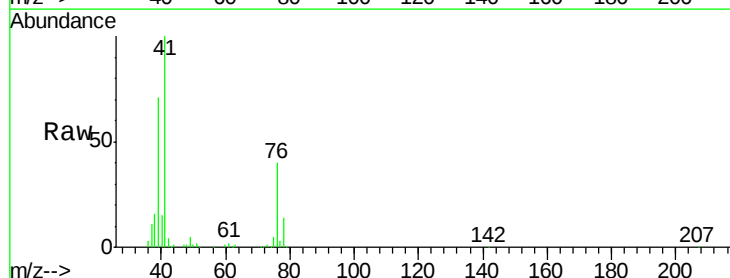
Tgt Ion: 41 Resp: 72523

Ion Ratio Lower Upper

41 100

39 69.3 55.2 82.8

76 37.6 31.5 47.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

50000

40000

30000

20000

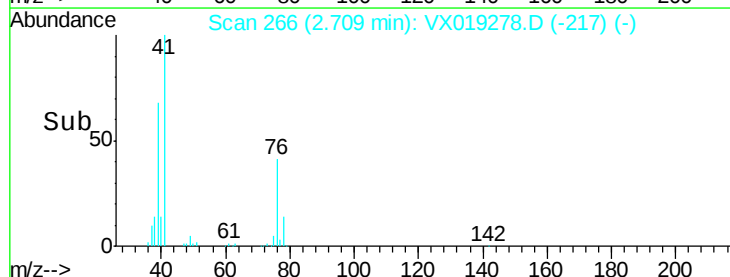
10000

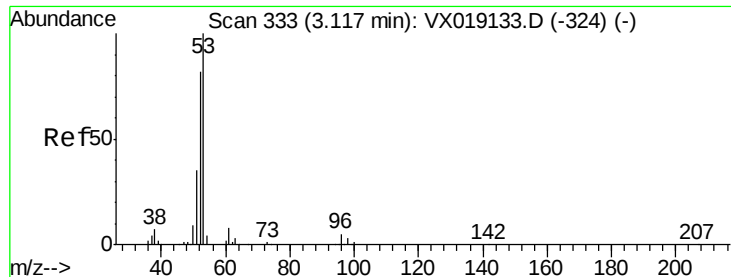
0

2.71

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 104.260 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

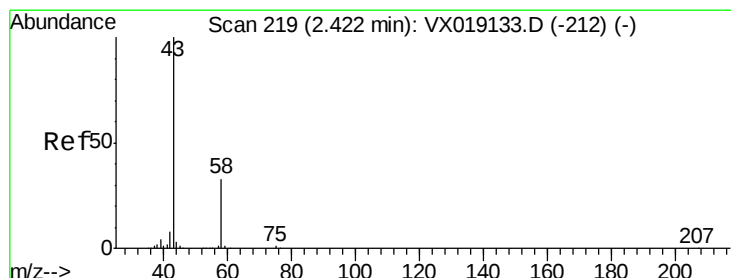
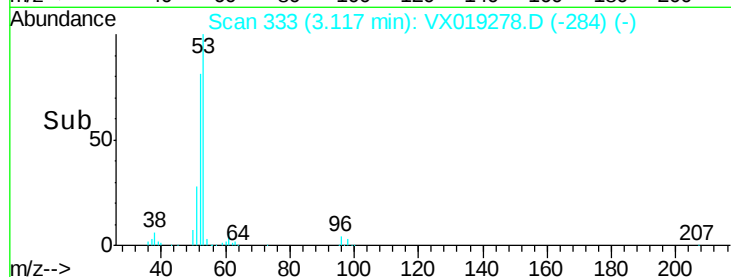
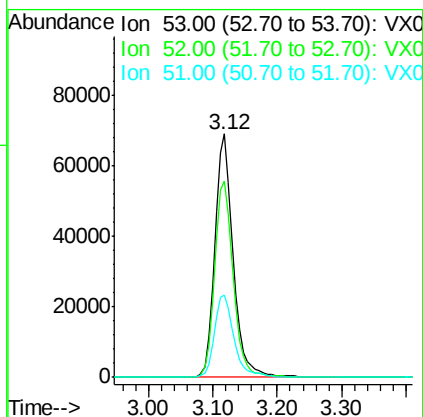
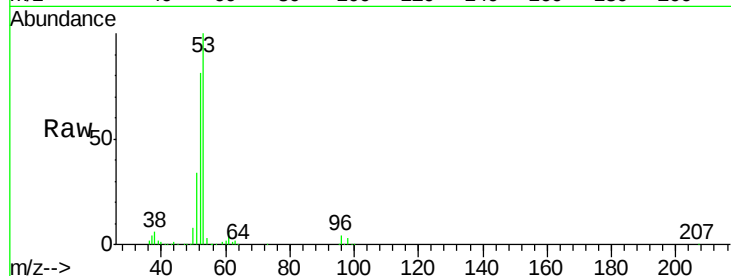
Tot Ion: 53 Resp: 138245

Ion Ratio Lower Upper

53 100

52 82.2 65.7 98.5

51 36.5 28.4 42.6



#16

Acetone

Concen: 103.641 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019278.D

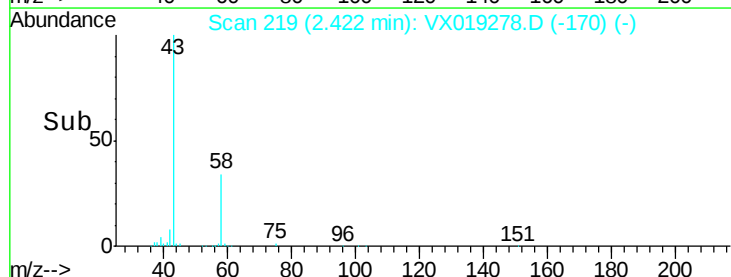
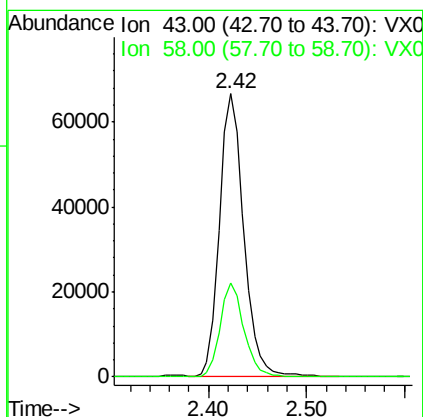
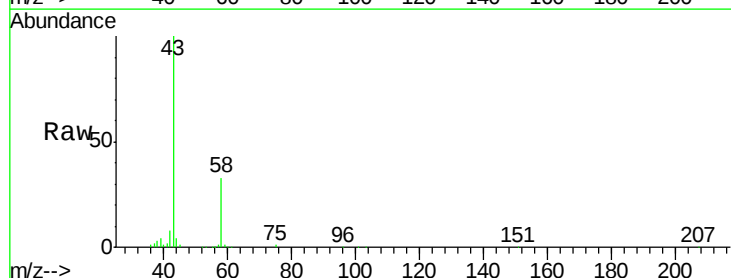
Acq: 04 Nov 2020 18:57

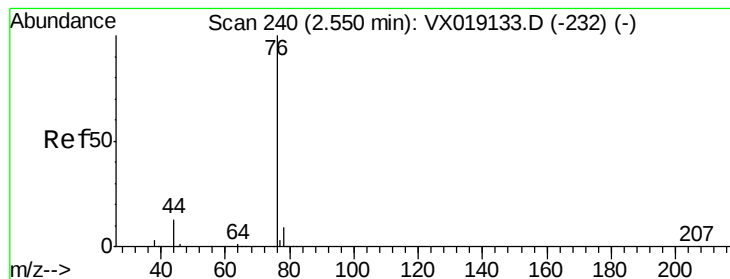
Tgt Ion: 43 Resp: 114225

Ion Ratio Lower Upper

43 100

58 33.4 26.3 39.5





#17

Carbon Disulfide

Concen: 18.485 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

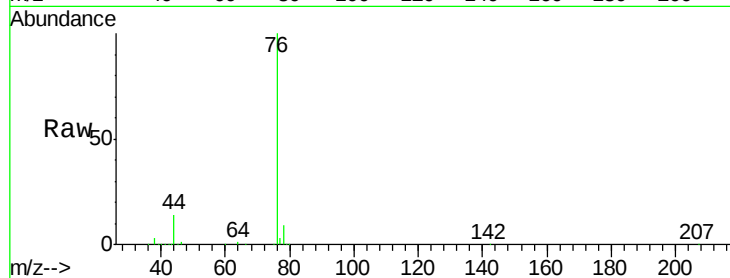
VX1106WBSD01

Tot Ion: 76 Resp: 123183

Ion Ratio Lower Upper

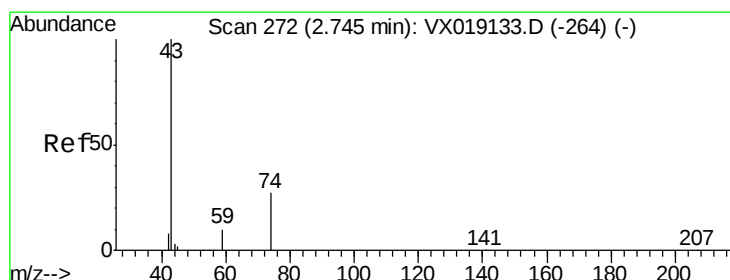
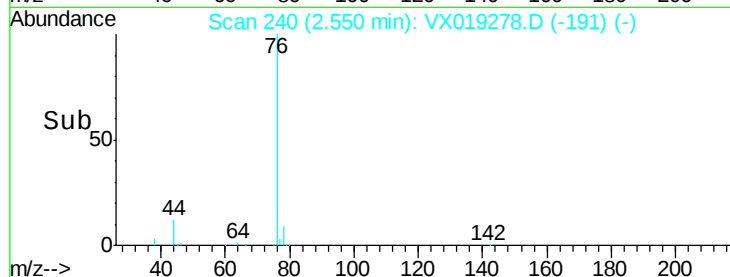
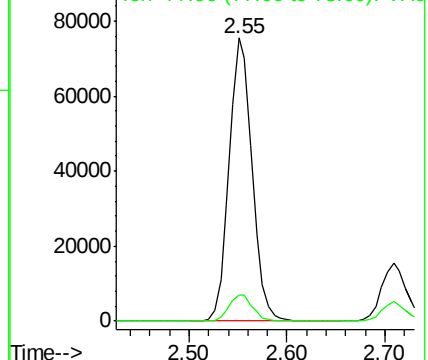
76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.010 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX019278.D

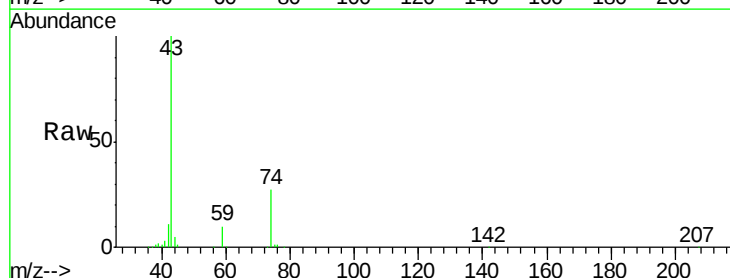
Acq: 04 Nov 2020 18:57

Tgt Ion: 43 Resp: 56309

Ion Ratio Lower Upper

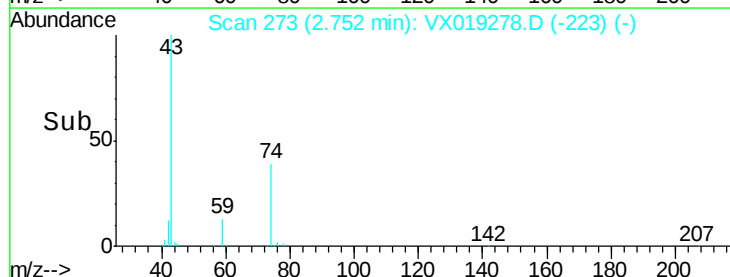
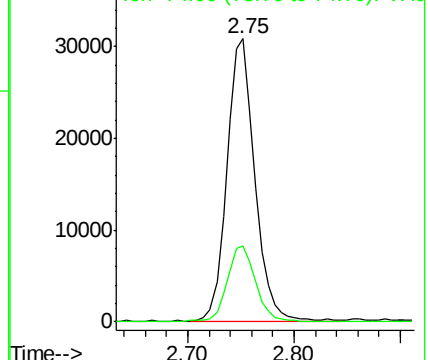
43 100

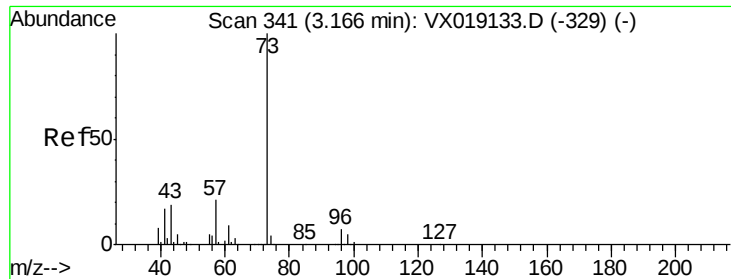
74 27.9 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



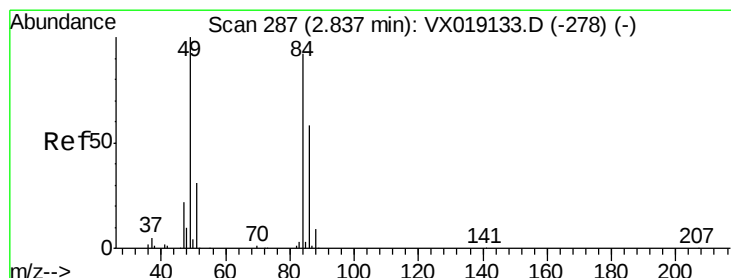
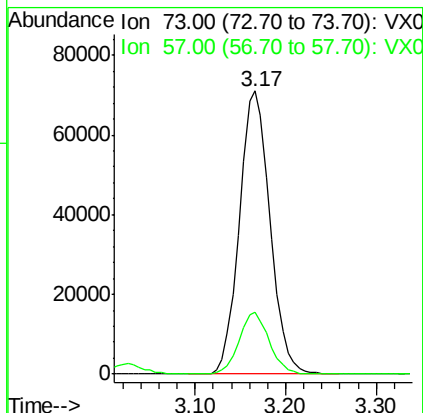
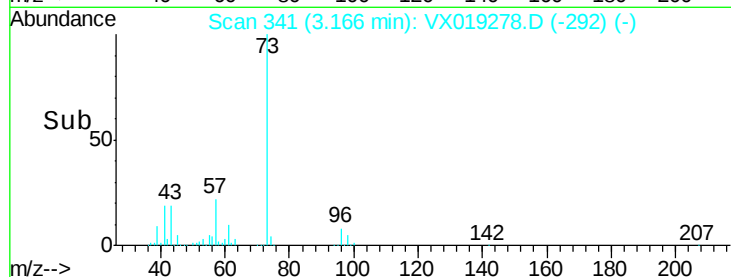
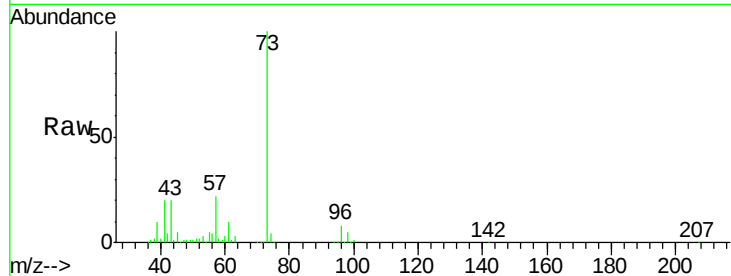


#19

Methyl tert-butyl Ether
 Concen: 19.933 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX019278.D
 Acq: 04 Nov 2020 18:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

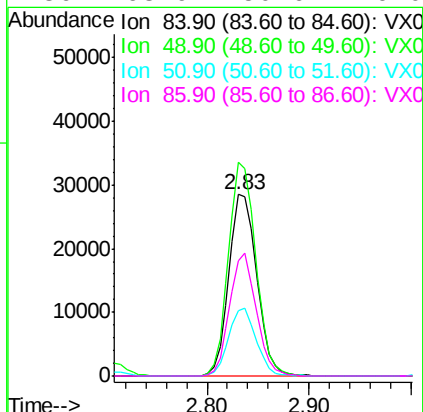
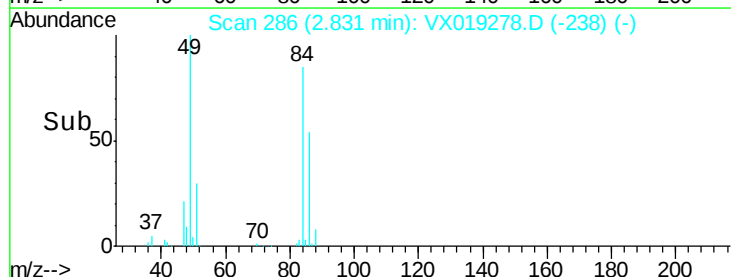
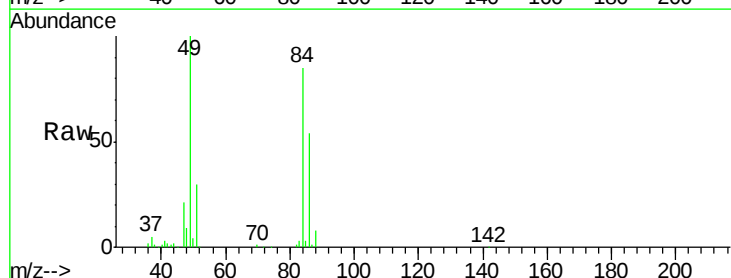
Tot Ion: 73 Resp: 165825
 Ion Ratio Lower Upper
 73 100
 57 21.6 16.6 25.0

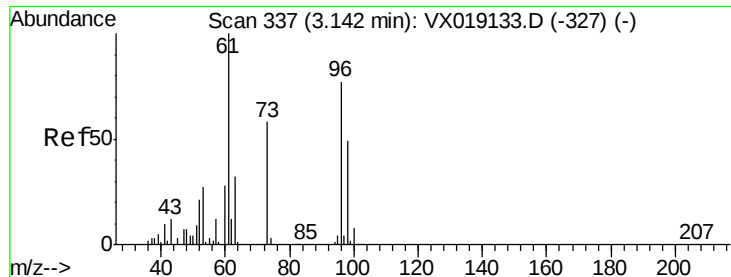


#20

Methylene Chloride
 Concen: 19.502 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX019278.D
 Acq: 04 Nov 2020 18:57

Tgt Ion: 84 Resp: 53959
 Ion Ratio Lower Upper
 84 100
 49 117.8 86.8 130.2
 51 35.8 27.3 40.9
 86 63.9 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 19.075 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

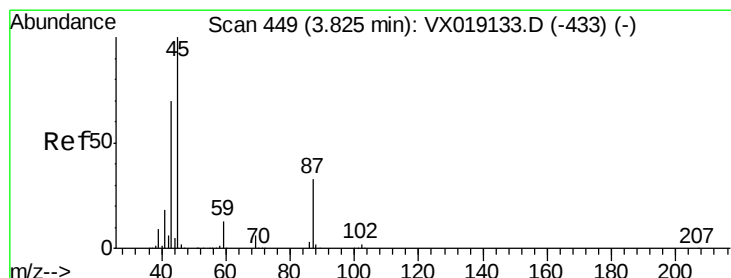
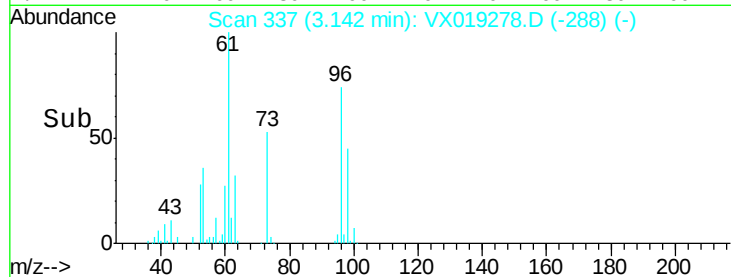
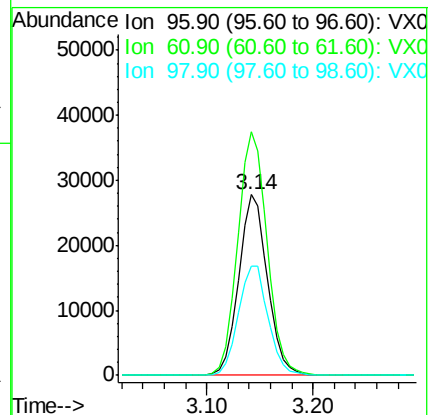
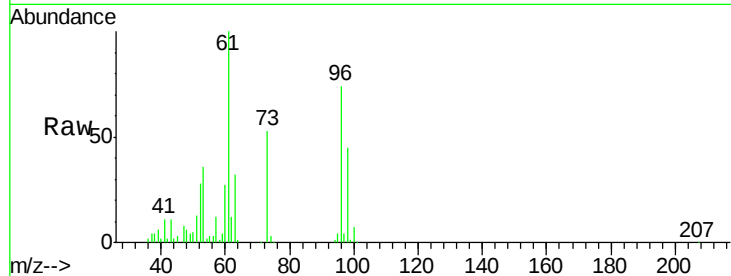
Tot Ion: 96 Resp: 52709

Ion Ratio Lower Upper

96 100

61 134.6 104.2 156.4

98 60.6 51.3 76.9



#22

Diisopropyl ether

Concen: 21.103 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Tgt Ion: 45 Resp: 153001

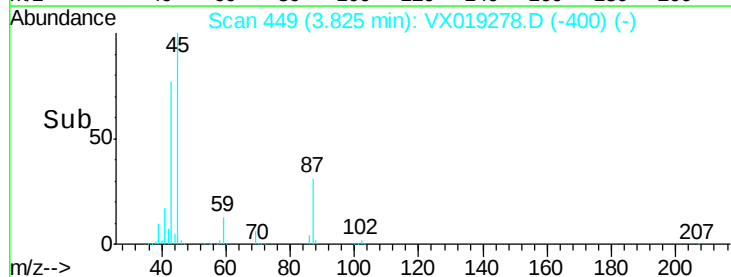
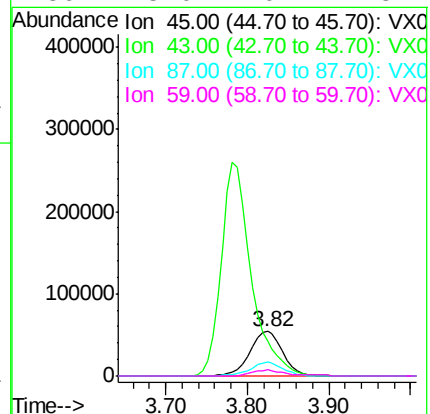
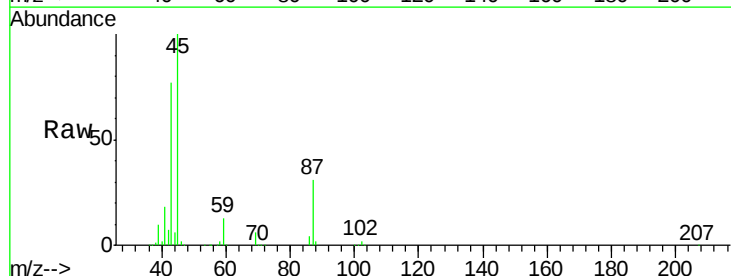
Ion Ratio Lower Upper

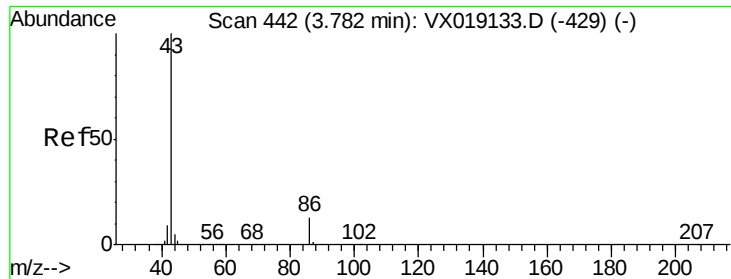
45 100

43 76.3 56.2 84.4

87 30.9 26.2 39.2

59 13.0 10.1 15.1





#23

Vinyl Acetate

Concen: 103.882 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

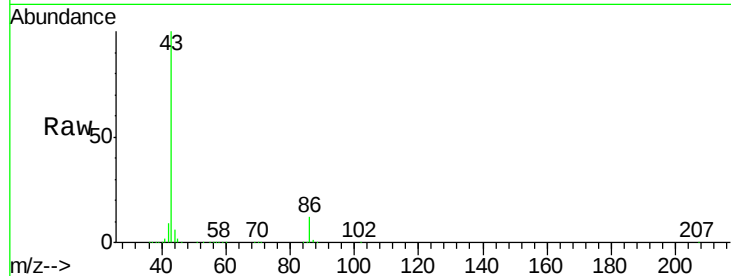
VX1106WBSD01

Tot Ion: 43 Resp: 671630

Ion Ratio Lower Upper

43 100

86 12.3 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

250000

200000

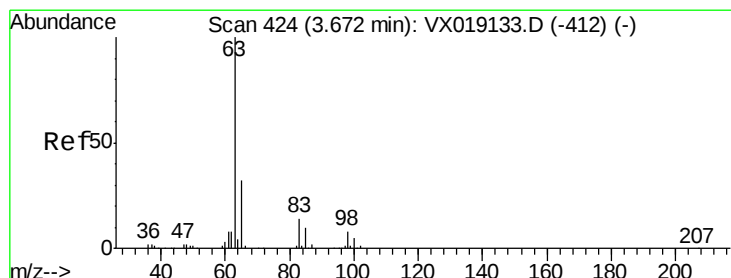
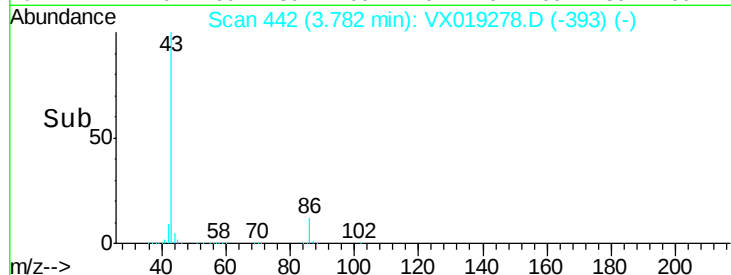
150000

100000

50000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 20.516 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

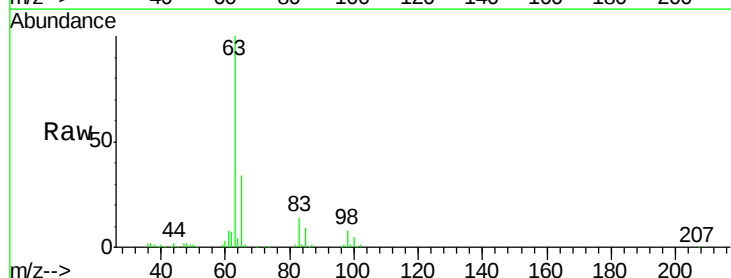
Tgt Ion: 63 Resp: 92868

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 4.8 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

50000

40000

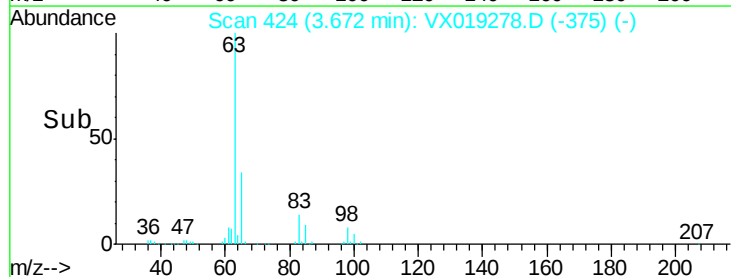
30000

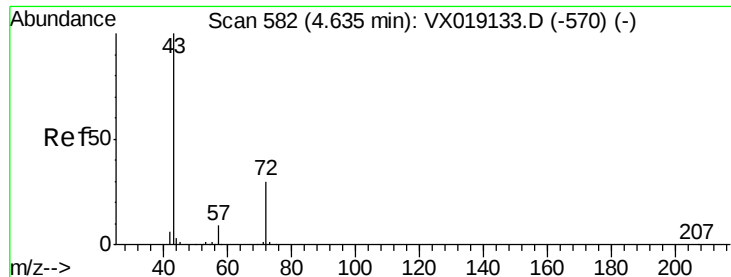
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 105.044 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

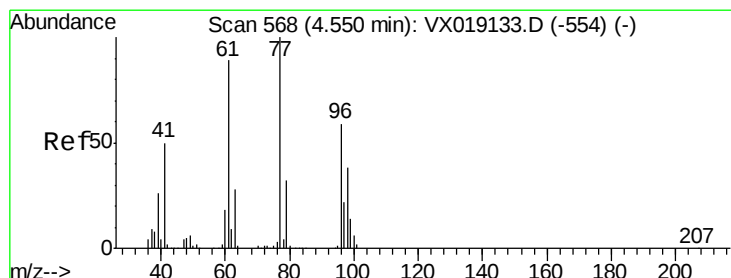
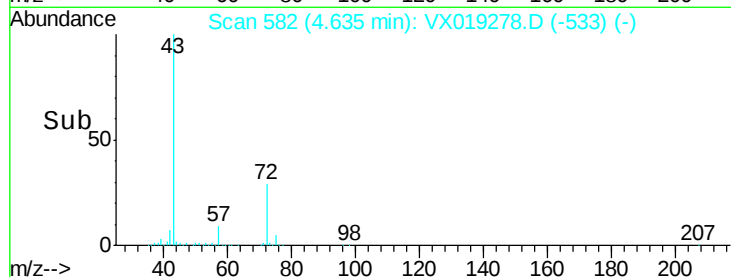
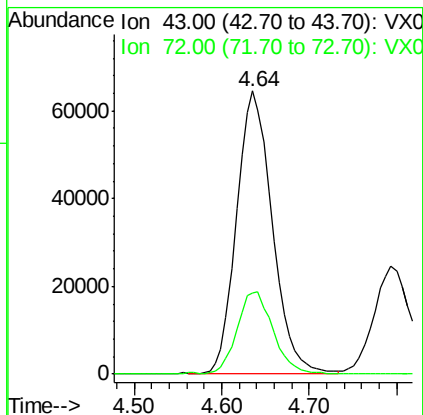
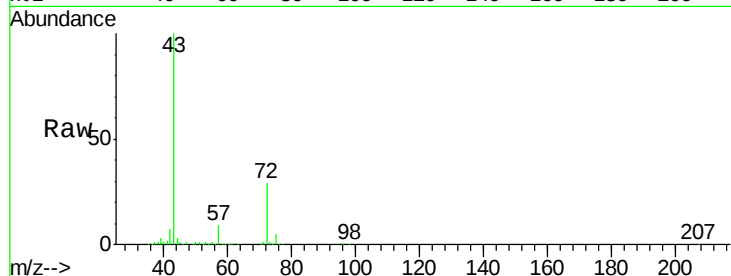
VX1106WBSD01

Tot Ion: 43 Resp: 182457

Ion Ratio Lower Upper

43 100

72 28.6 24.6 36.8



#26

2,2-Dichloropropane

Concen: 19.111 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019278.D

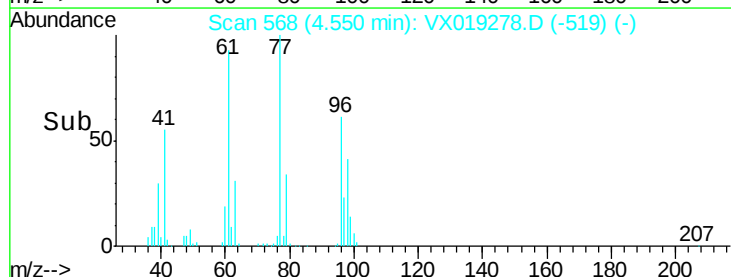
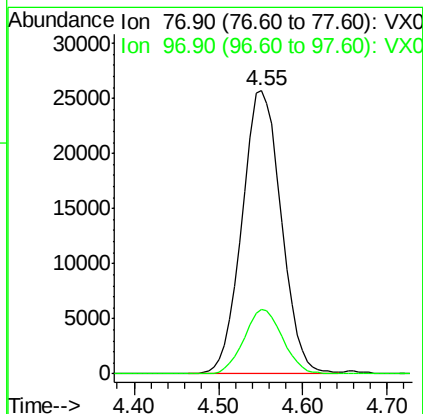
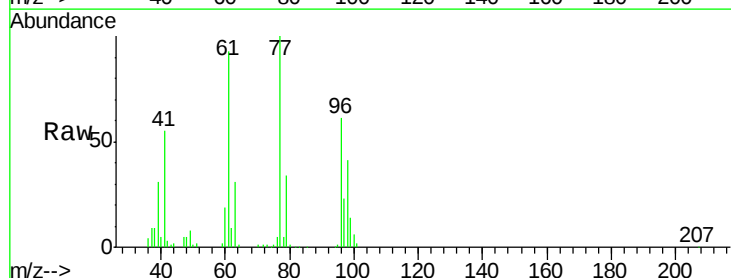
Acq: 04 Nov 2020 18:57

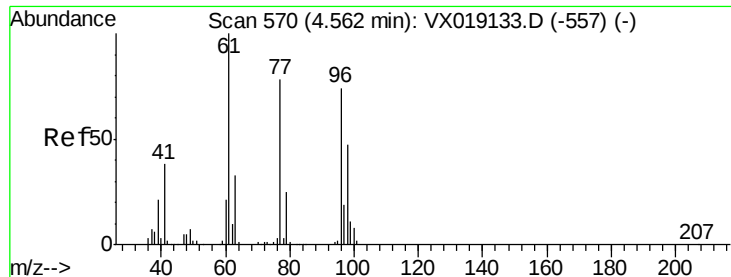
Tgt Ion: 77 Resp: 81327

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.1



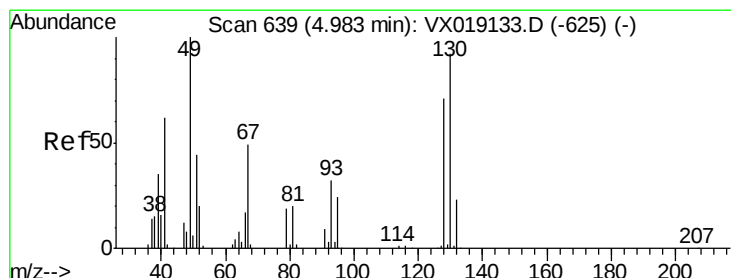
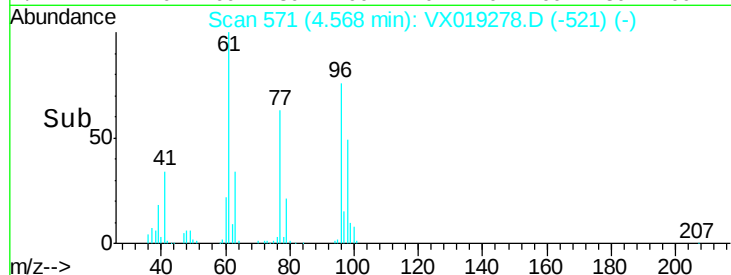
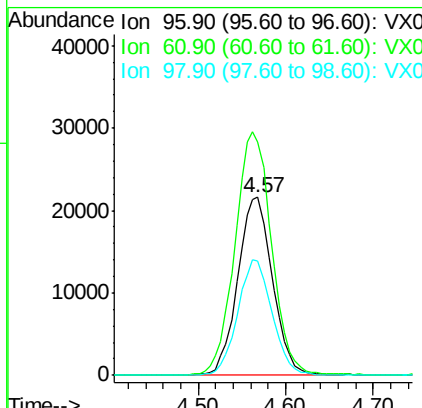
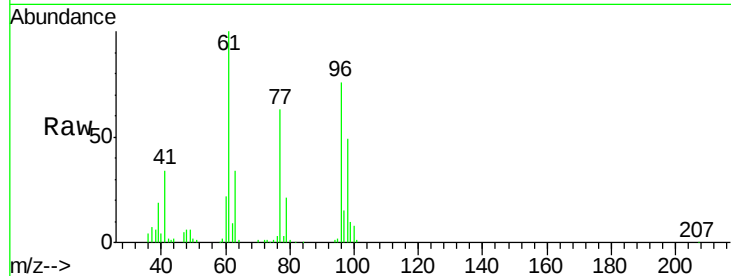


#27

cis-1,2-Dichloroethene
Concen: 19.355 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

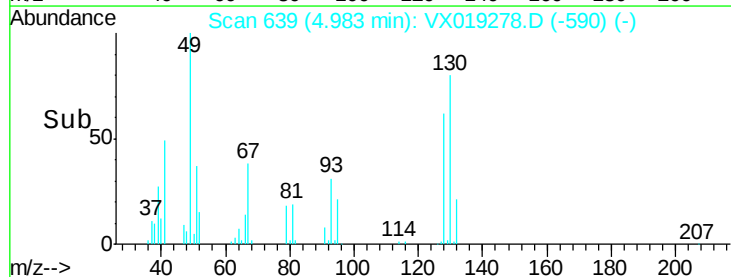
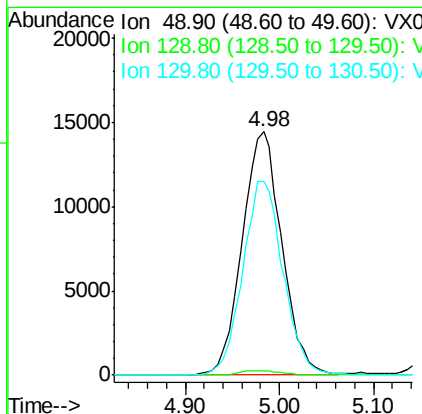
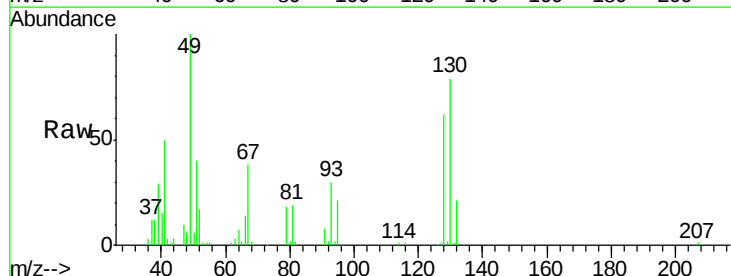
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	278.8
98	64.1	0.0	130.2

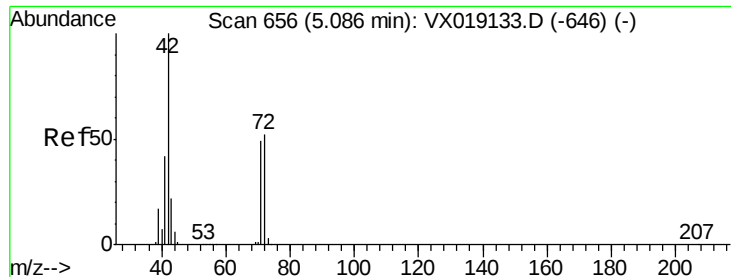


#28

Bromochloromethane
Concen: 20.691 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.4
130	81.1	71.3	106.9





#29

Tetrahydrofuran

Concen: 106.536 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

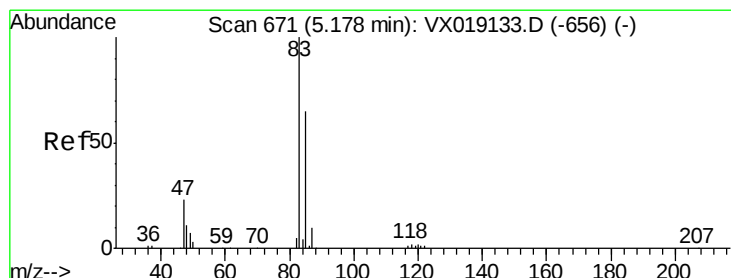
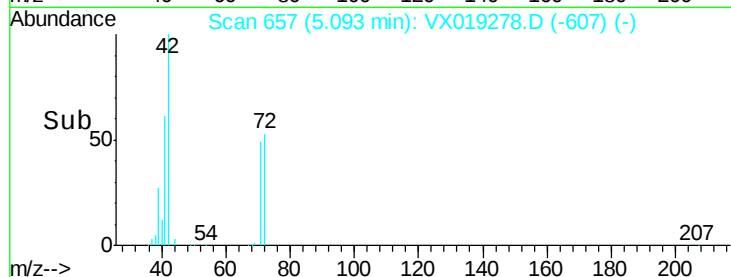
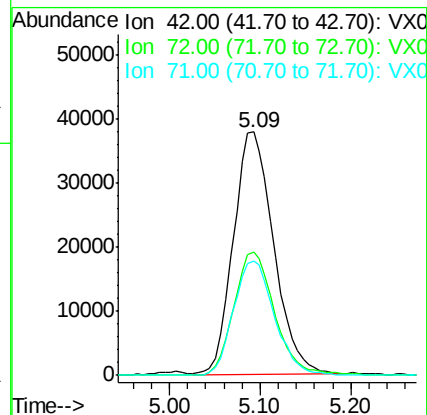
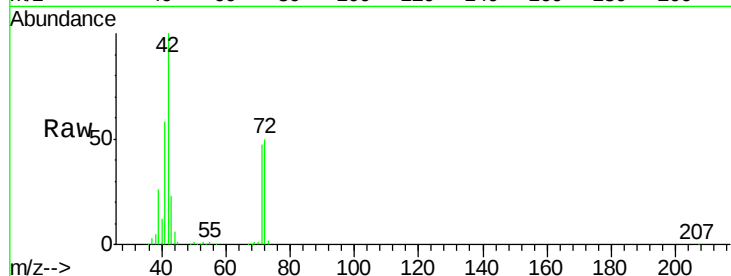
Tot Ion: 42 Resp: 116616

Ion Ratio Lower Upper

42 100

72 51.8 42.6 63.8

71 48.1 39.7 59.5



#30

Chloroform

Concen: 20.128 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX019278.D

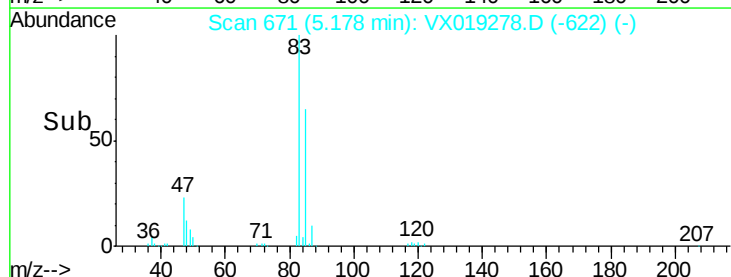
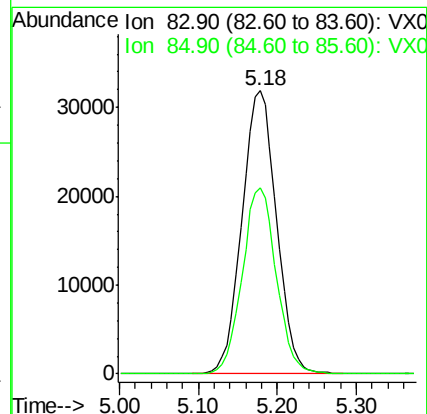
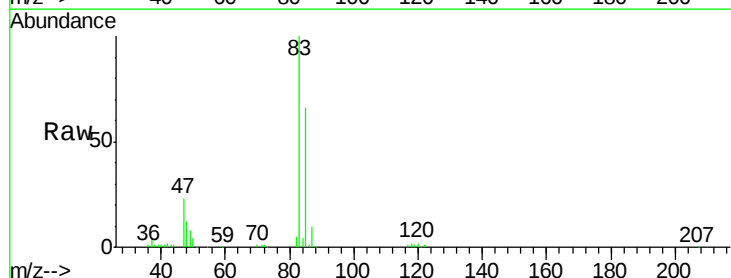
Acq: 04 Nov 2020 18:57

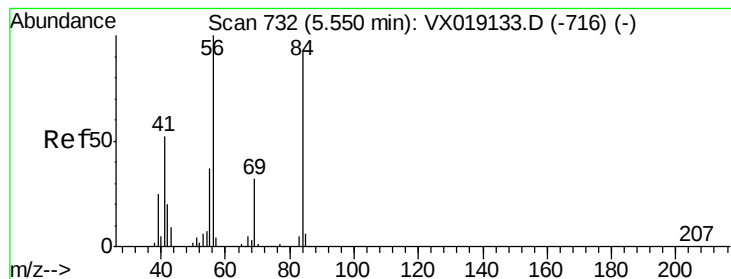
Tgt Ion: 83 Resp: 96981

Ion Ratio Lower Upper

83 100

85 65.8 51.9 77.9





#31

Cyclohexane

Concen: 19.714 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

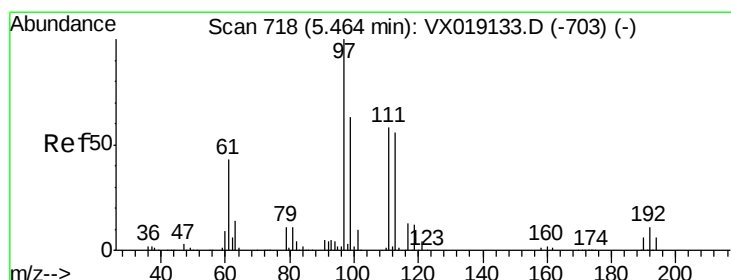
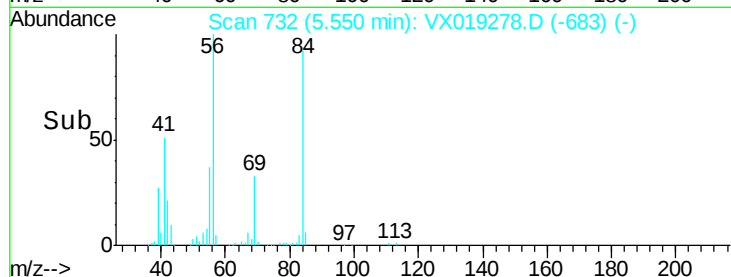
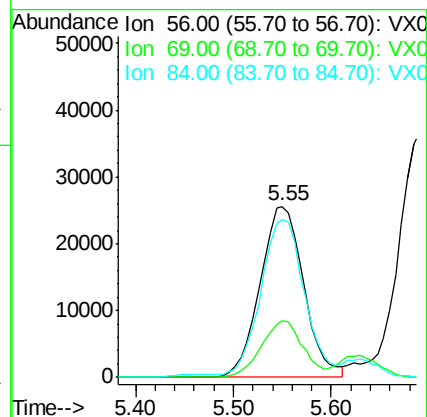
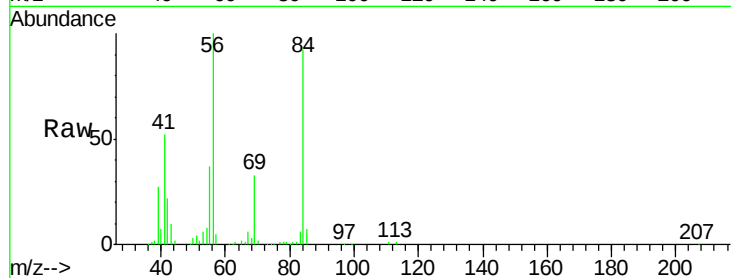
Tot Ion: 56 Resp: 79611

Ion Ratio Lower Upper

56 100

69 33.2 25.9 38.9

84 90.9 73.4 110.2



#32

1,1,1-Trichloroethane

Concen: 20.102 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

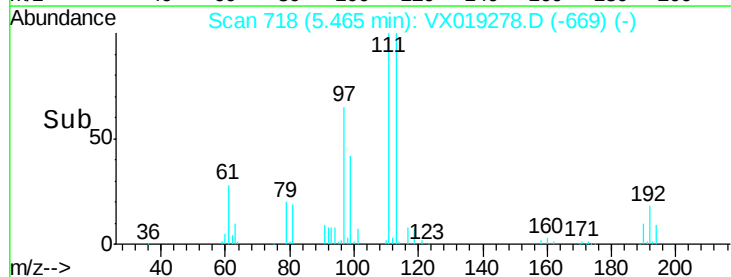
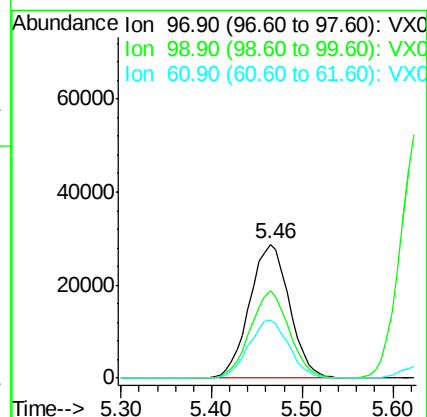
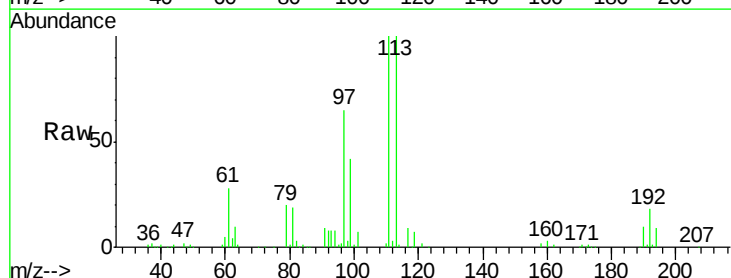
Tgt Ion: 97 Resp: 87813

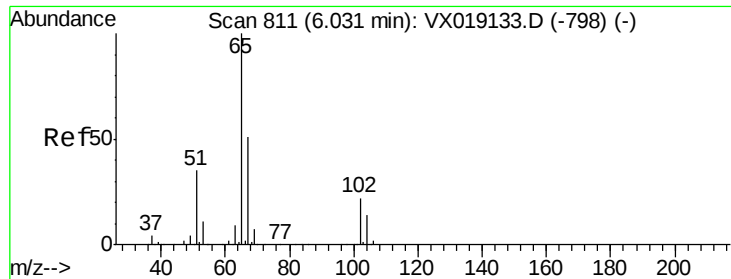
Ion Ratio Lower Upper

97 100

99 63.5 51.7 77.5

61 43.8 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 50.872 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

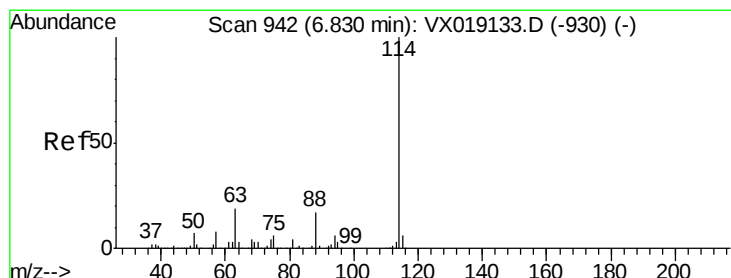
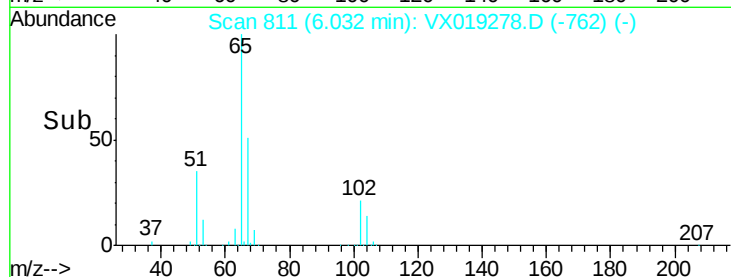
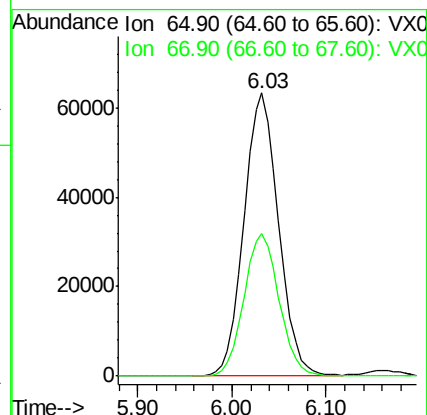
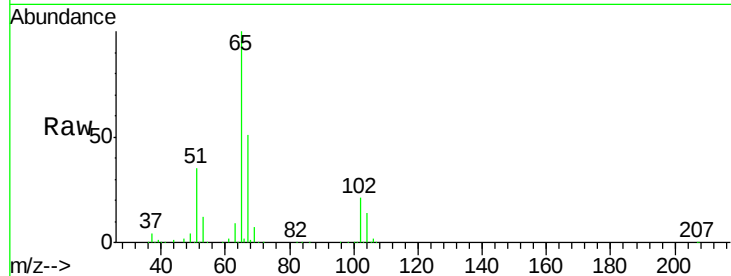
VX1106WBSD01

Tot Ion: 65 Resp: 162523

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

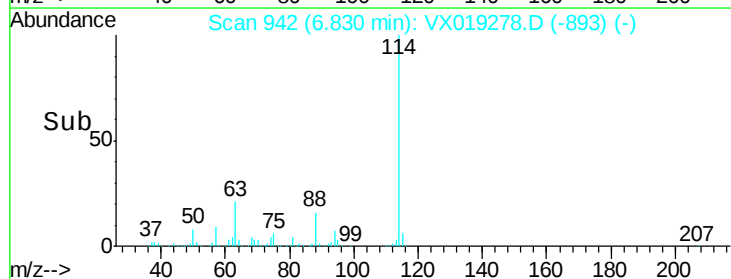
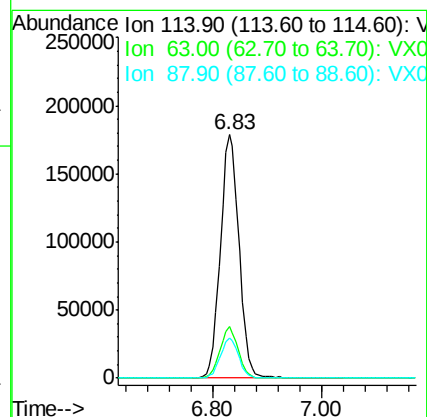
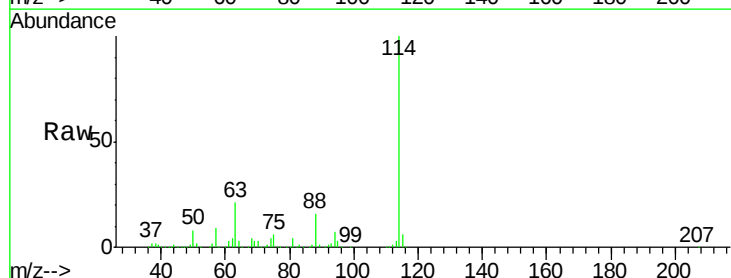
Tgt Ion: 114 Resp: 423226

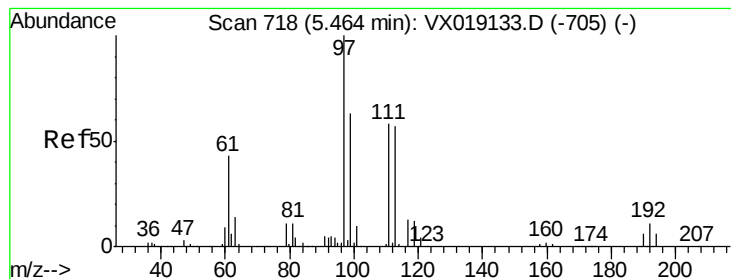
Ion Ratio Lower Upper

114 100

63 21.3 0.0 38.8

88 16.3 0.0 34.2





#35

Dibromofluoromethane

Concen: 47.284 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

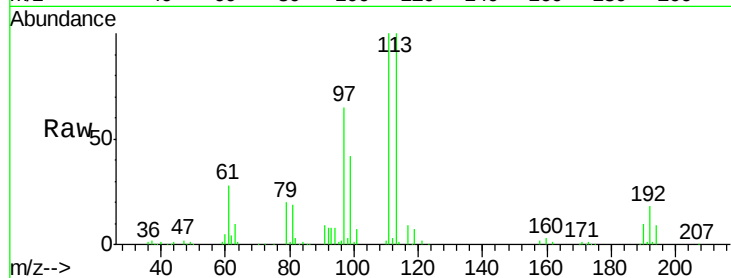
Tot Ion:113 Resp: 125702

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

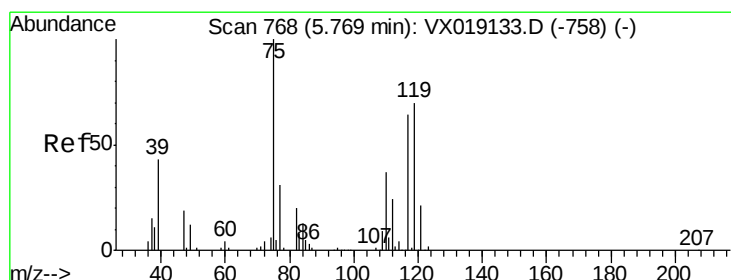
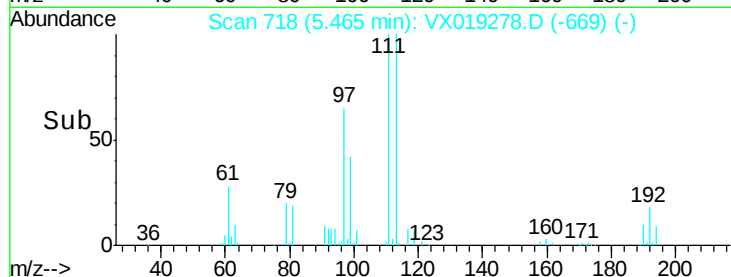
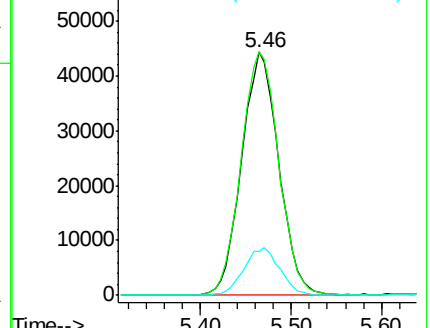
192 19.1 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.886 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

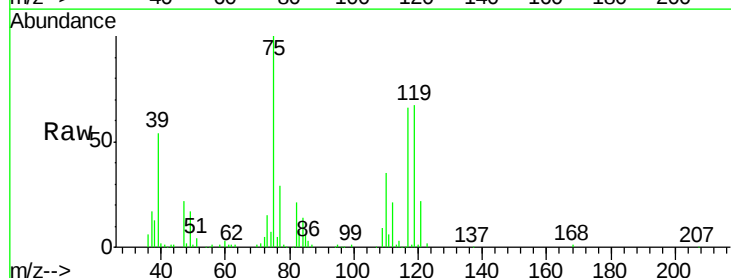
Tgt Ion: 75 Resp: 73809

Ion Ratio Lower Upper

75 100

110 35.3 18.3 54.9

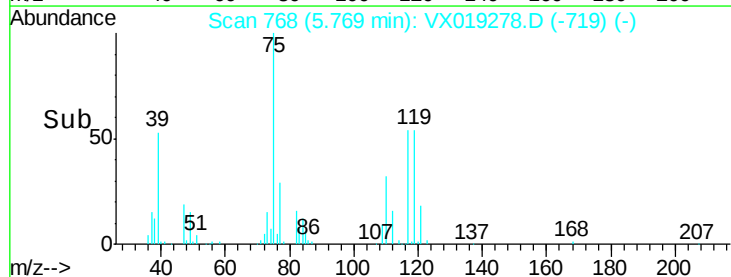
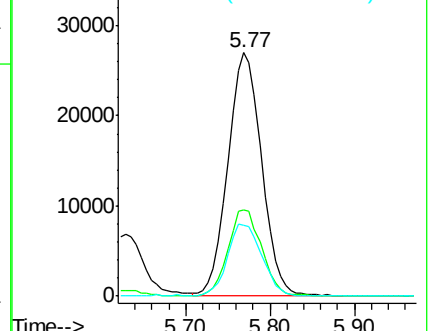
77 30.3 24.9 37.3

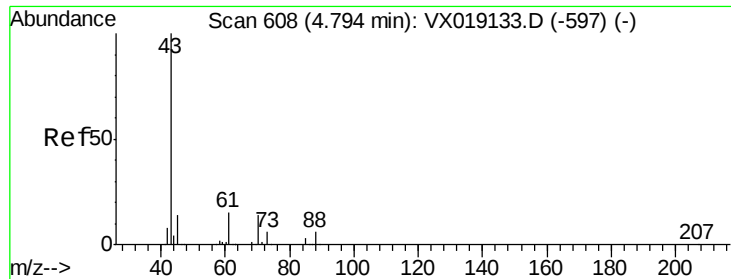


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

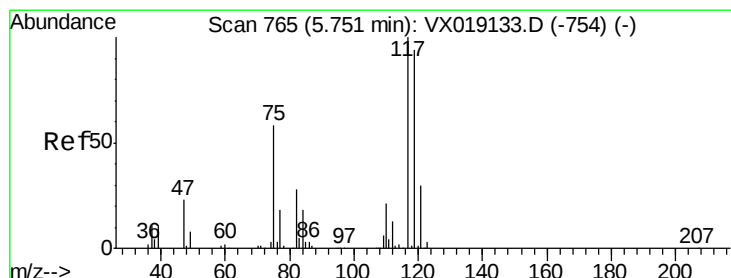
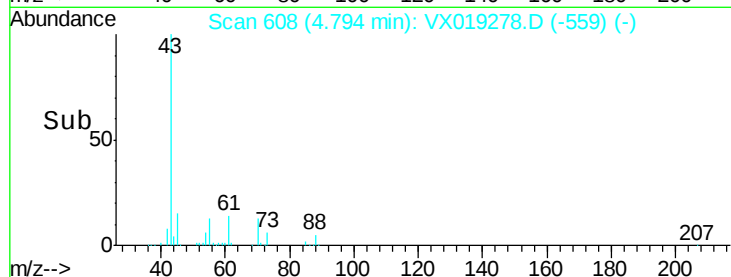
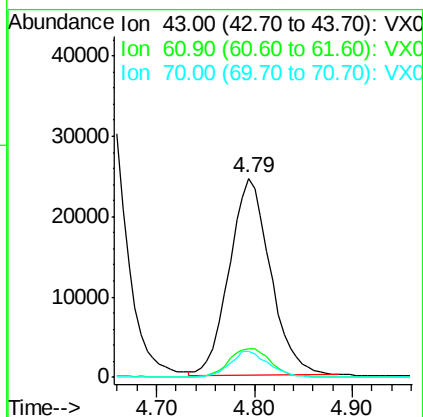
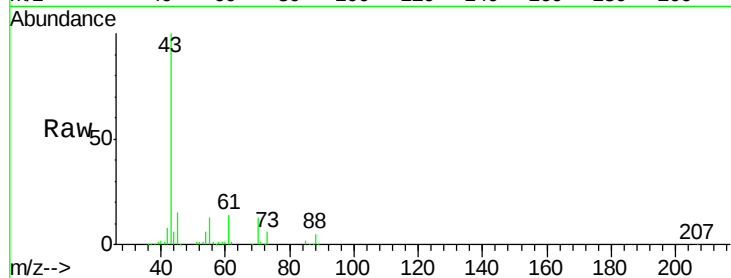




#37
Ethyl Acetate
Concen: 19.661 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

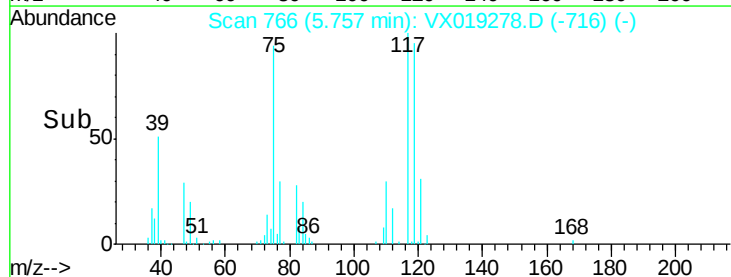
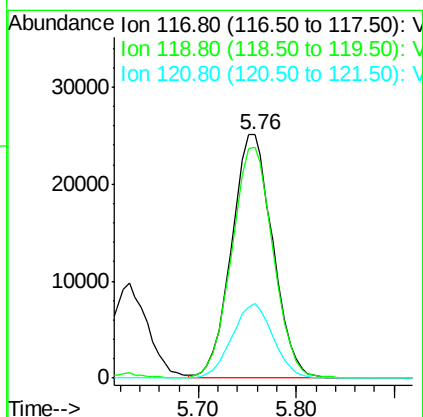
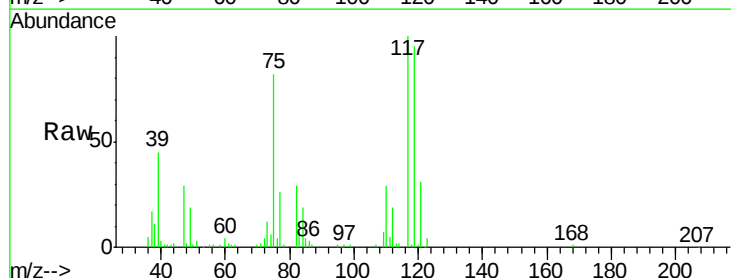
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

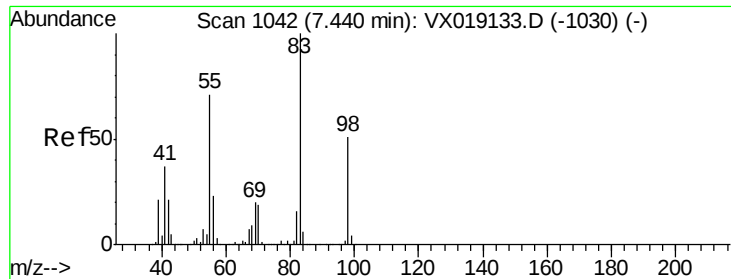
Tot Ion: 43 Resp: 71343
Ion Ratio Lower Upper
43 100
61 15.2 12.5 18.7
70 12.5 10.5 15.7



#38
Carbon Tetrachloride
Concen: 18.403 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

Tgt Ion: 117 Resp: 73310
Ion Ratio Lower Upper
117 100
119 94.5 75.0 112.6
121 30.9 23.9 35.9

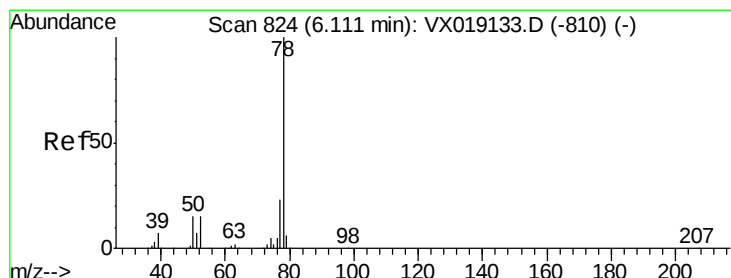
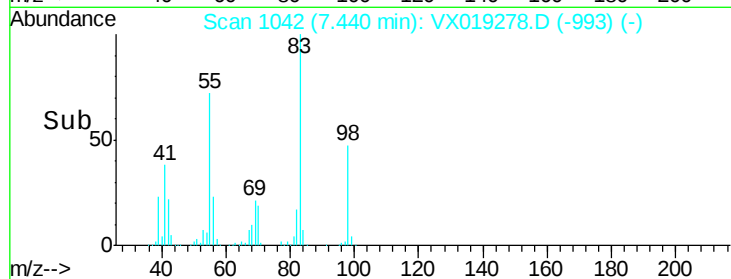
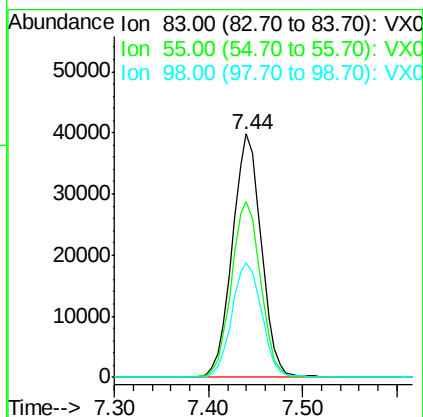
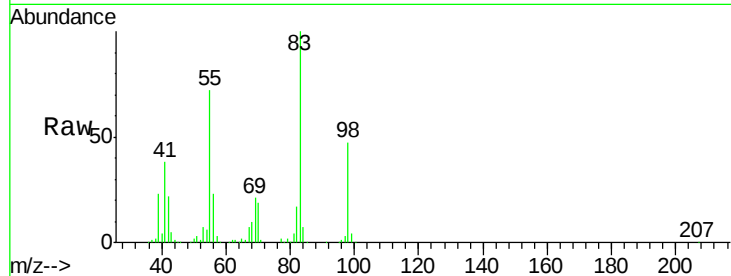




#39
Methvlcvclohexane
Concen: 18.275 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

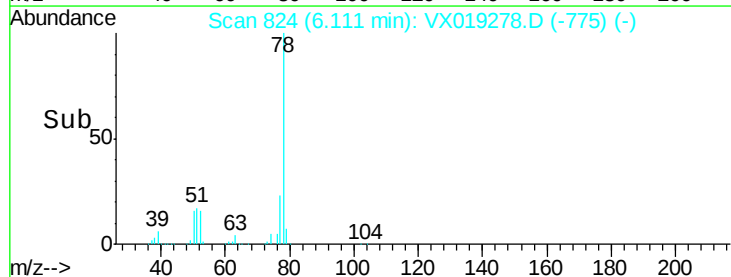
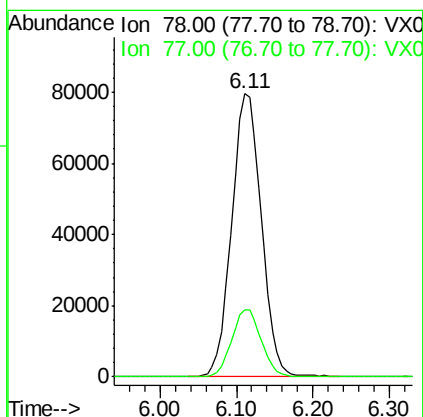
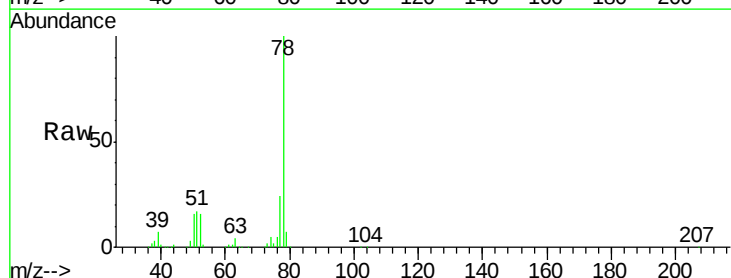
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

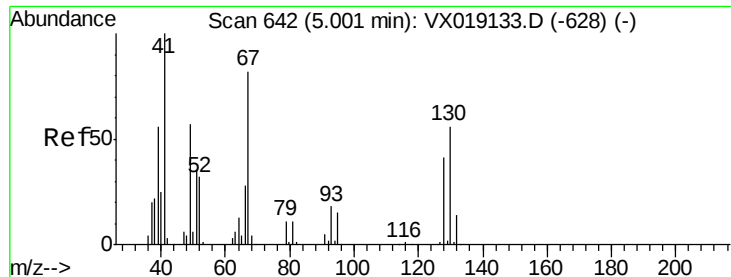
Tot Ion: 83 Resp: 85401
Ion Ratio Lower Upper
83 100
55 71.9 57.0 85.6
98 46.7 40.5 60.7



#40
Benzene
Concen: 19.330 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

Tgt Ion: 78 Resp: 214198
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

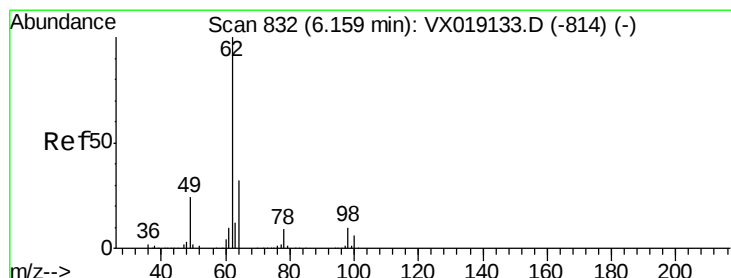
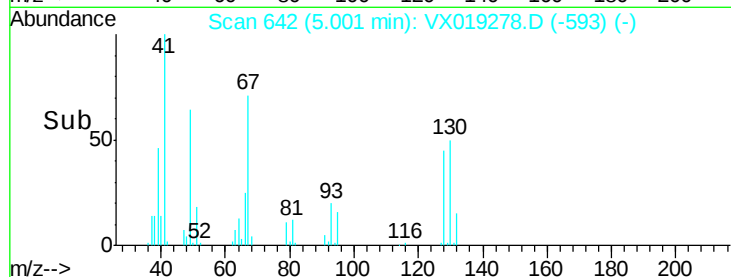
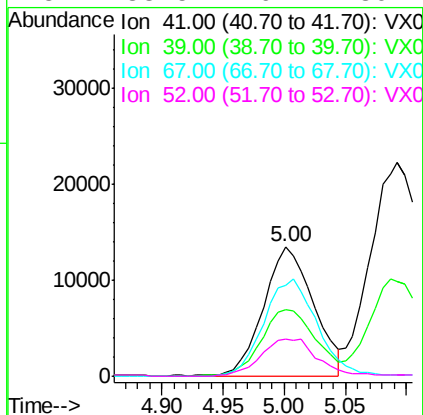
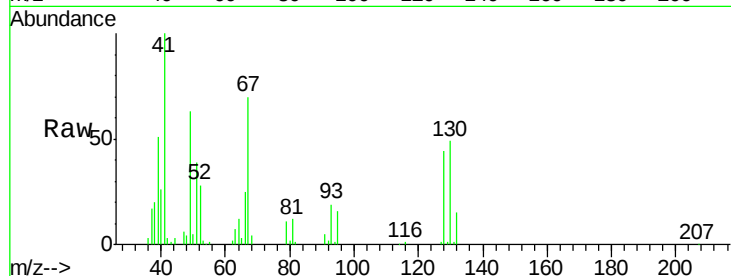




#41
Methacrylonitrile
Concen: 19.725 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

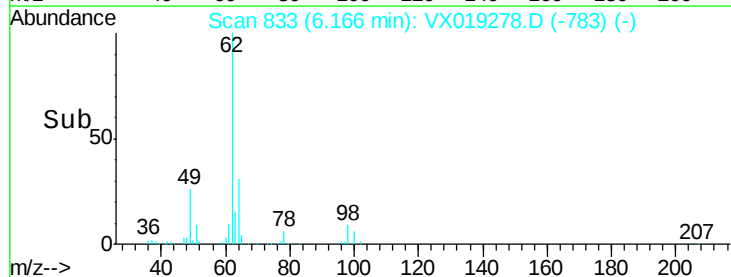
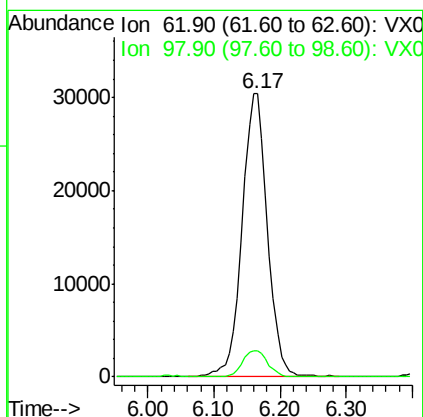
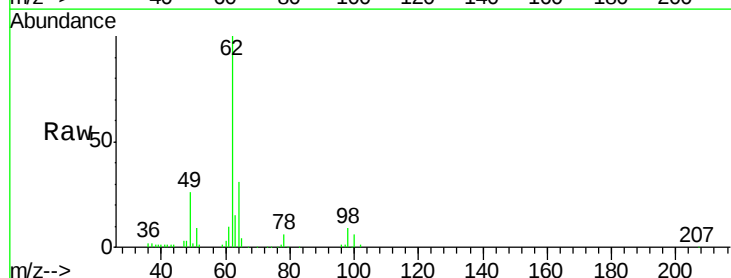
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

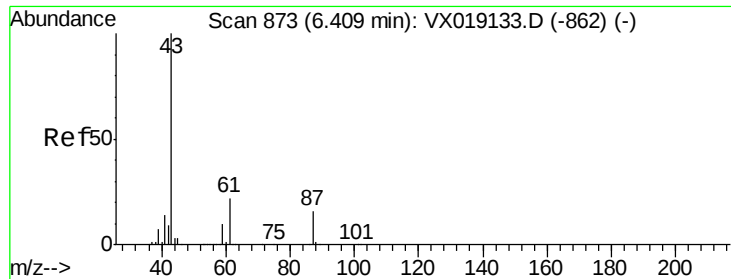
Tot Ion:	41	Resp:	38545
Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.4	66.6
67	80.3	66.4	99.6
52	33.5	26.2	39.4



#42
1,2-Dichloroethane
Concen: 19.811 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

Tgt Ion:	62	Resp:	80904
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.0



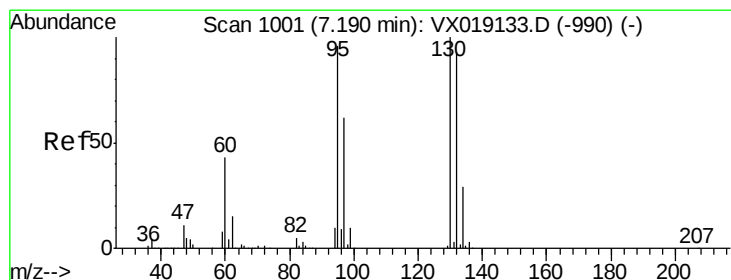
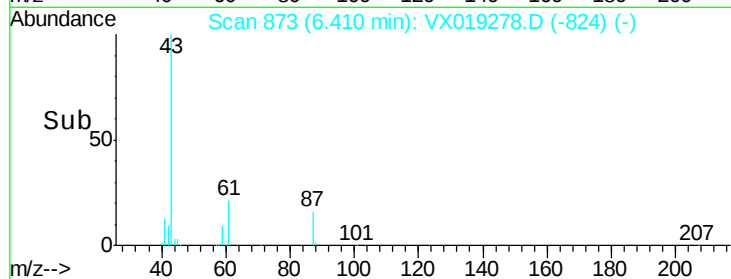
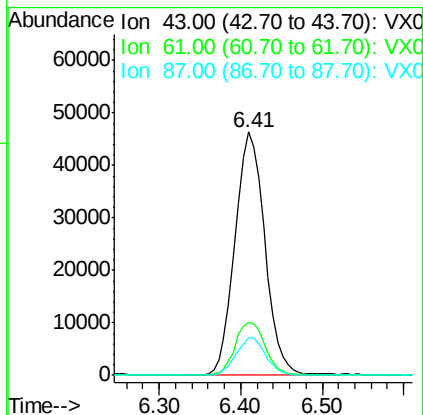
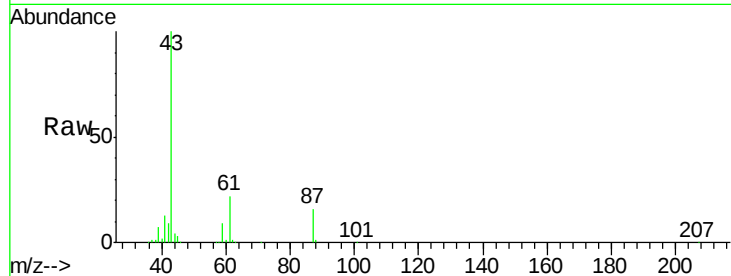


#43

Isopropyl Acetate
 Concen: 19.308 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: VX019278.D
 Acq: 04 Nov 2020 18:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

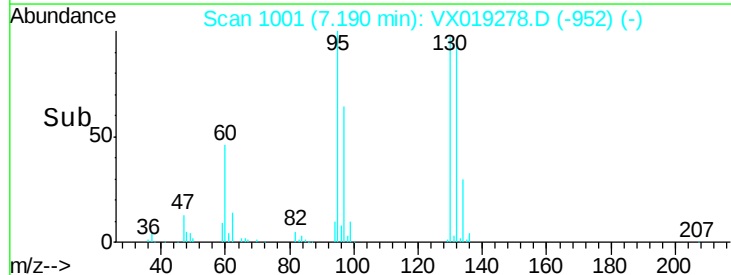
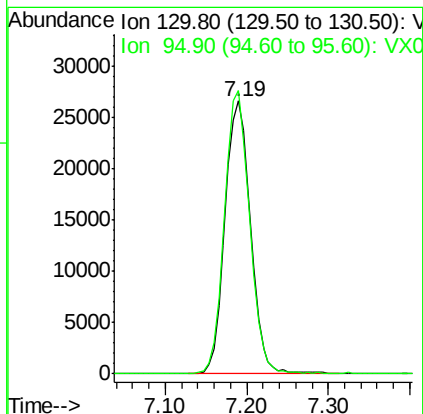
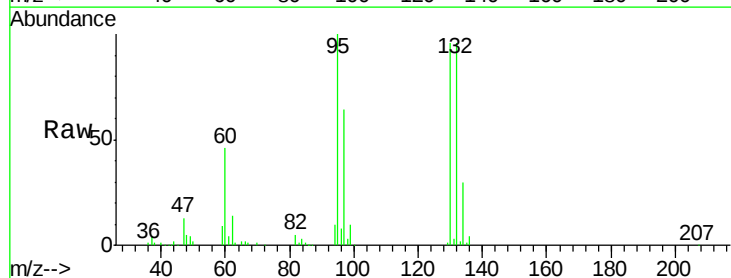
Tot Ion: 43 Resp: 117311
 Ion Ratio Lower Upper
 43 100
 61 22.4 17.8 26.6
 87 15.3 12.6 19.0

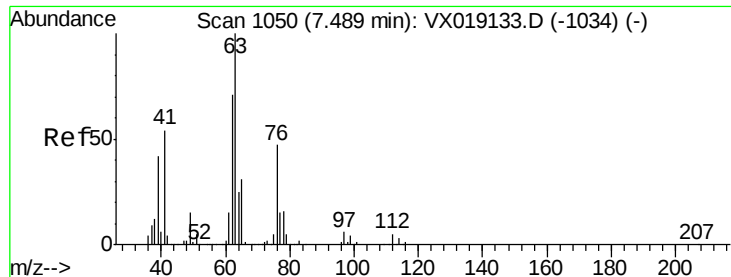


#44

Trichloroethene
 Concen: 18.152 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX019278.D
 Acq: 04 Nov 2020 18:57

Tgt Ion: 130 Resp: 57605
 Ion Ratio Lower Upper
 130 100
 95 103.8 0.0 192.0





#45

1,2-Dichloropropane

Concen: 20.248 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampled :

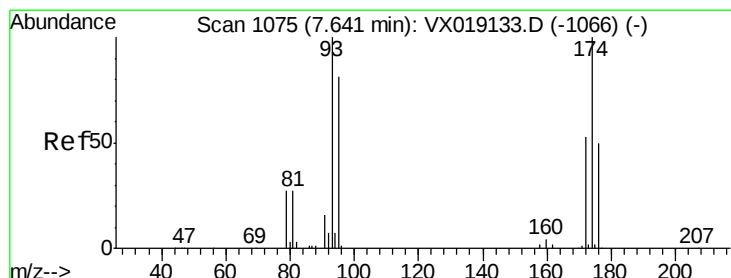
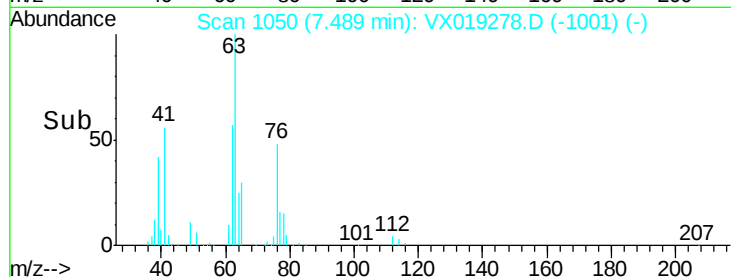
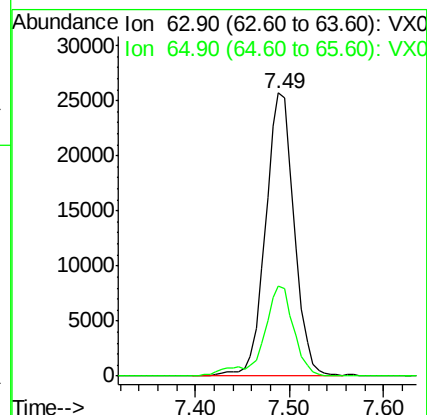
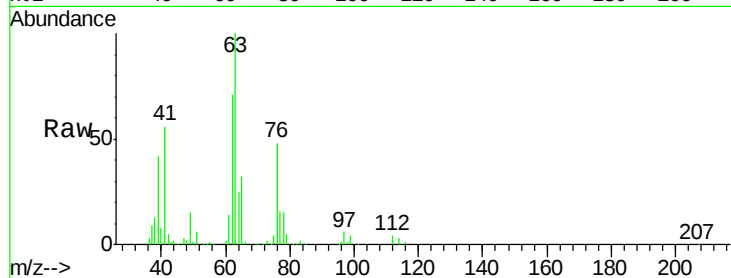
VX1106WBSD01

Tot Ion: 63 Resp: 54955

Ion Ratio Lower Upper

63 100

65 31.7 25.2 37.8



#46

Dibromomethane

Concen: 18.923 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

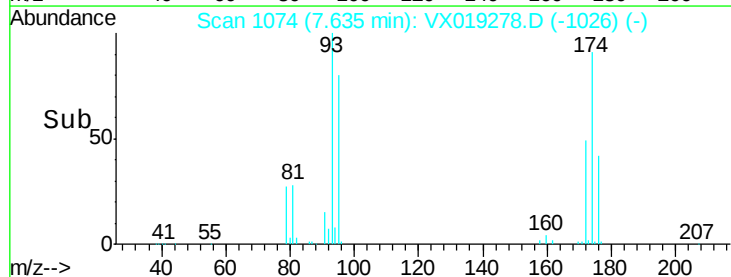
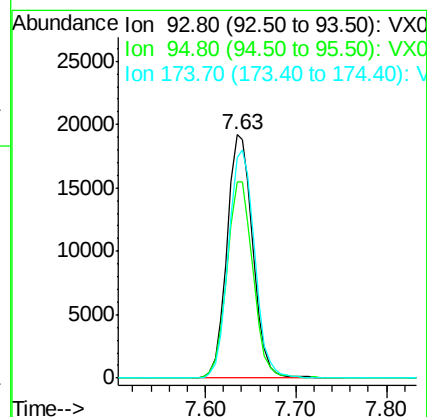
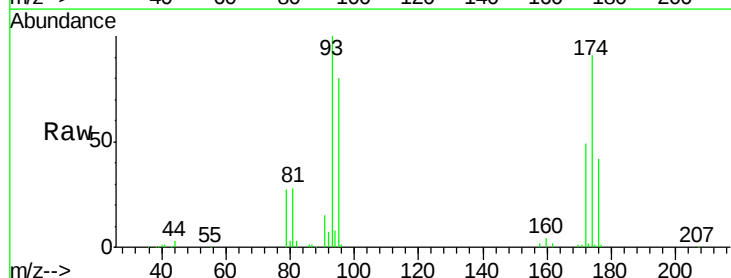
Tgt Ion: 93 Resp: 37979

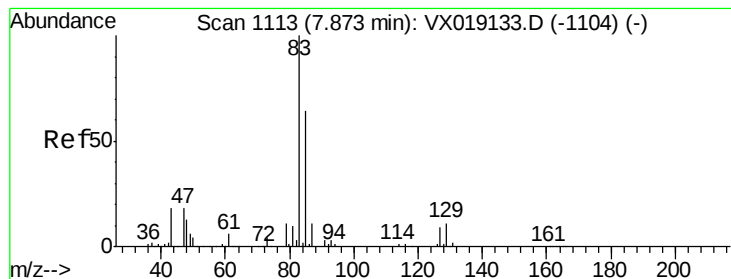
Ion Ratio Lower Upper

93 100

95 81.4 67.0 100.6

174 95.3 81.7 122.5





#47

Bromodichloromethane

Concen: 19.205 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

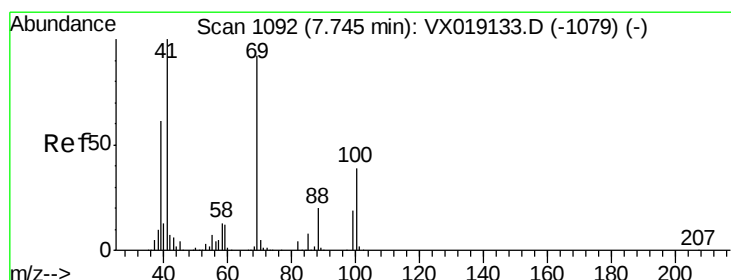
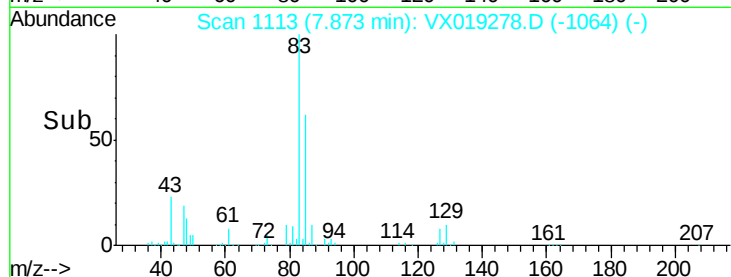
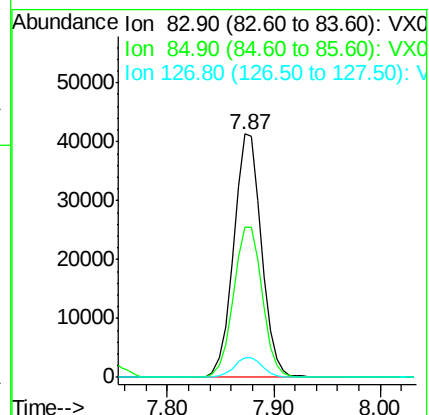
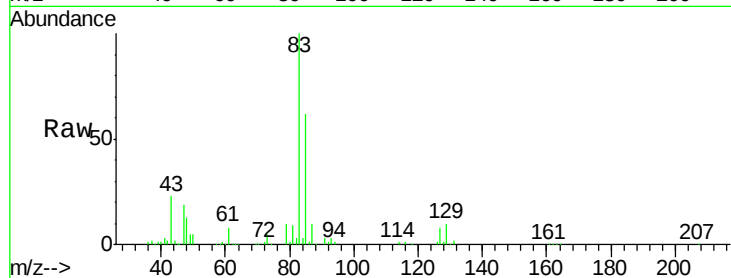
Tot Ion: 83 Resp: 75972

Ion Ratio Lower Upper

83 100

85 61.8 51.2 76.8

127 8.1 7.1 10.7



#48

Methyl methacrylate

Concen: 19.547 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

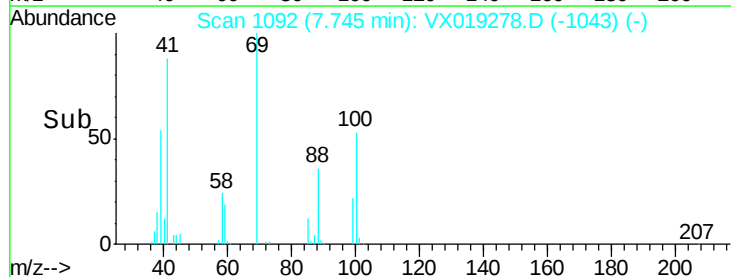
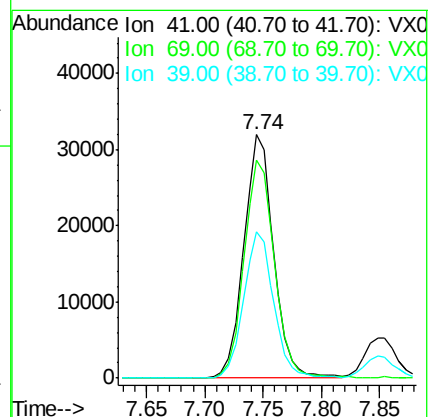
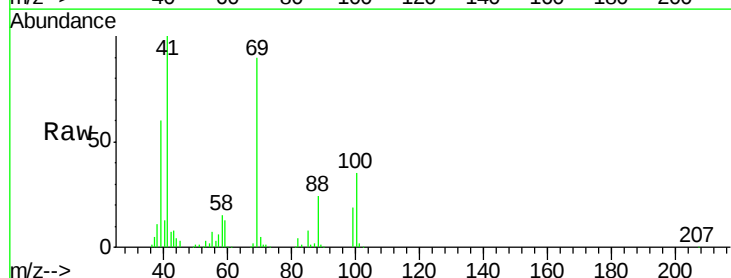
Tgt Ion: 41 Resp: 57162

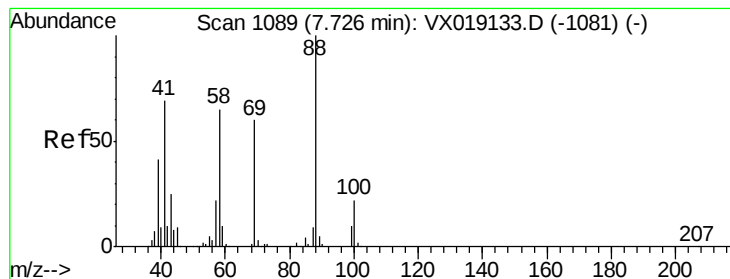
Ion Ratio Lower Upper

41 100

69 91.6 75.5 113.3

39 60.6 48.9 73.3





#49

1,4-Dioxane

Concen: 384.270 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

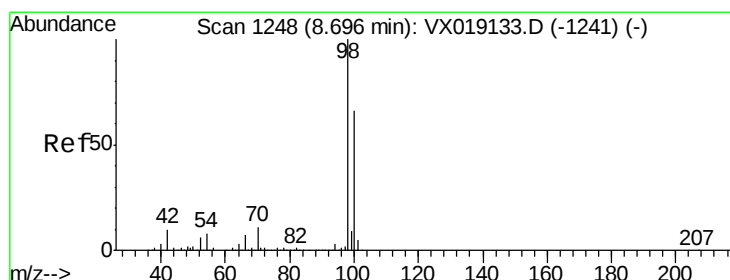
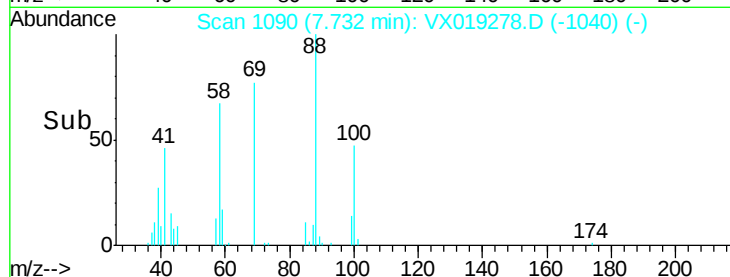
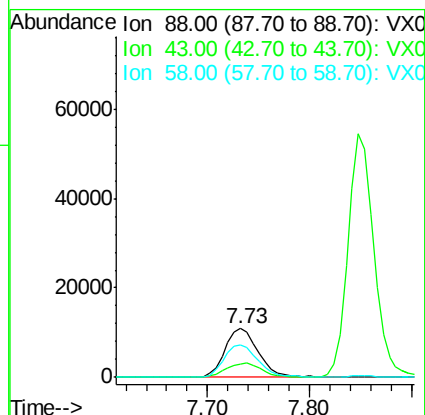
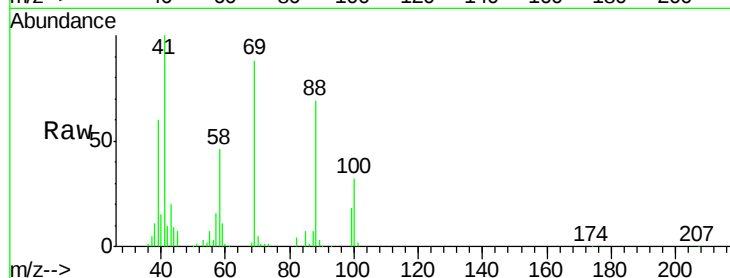
Tot Ion: 88 Resp: 24991

Ion Ratio Lower Upper

88 100

43 29.7 23.0 34.6

58 67.5 52.2 78.2



#50

Toluene-d8

Concen: 47.973 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019278.D

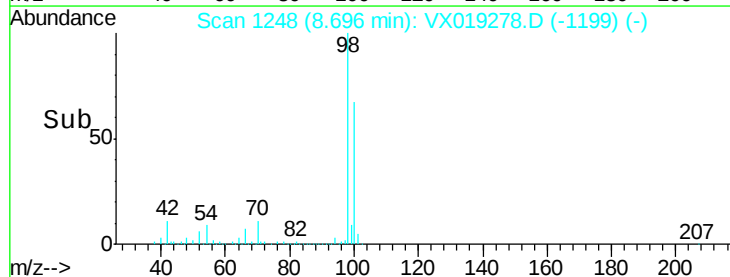
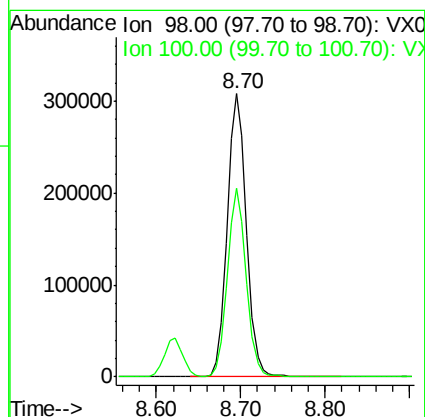
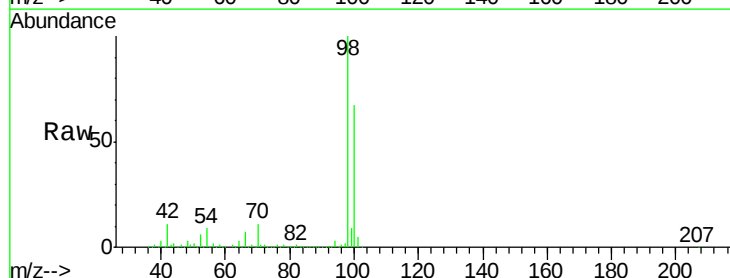
Acq: 04 Nov 2020 18:57

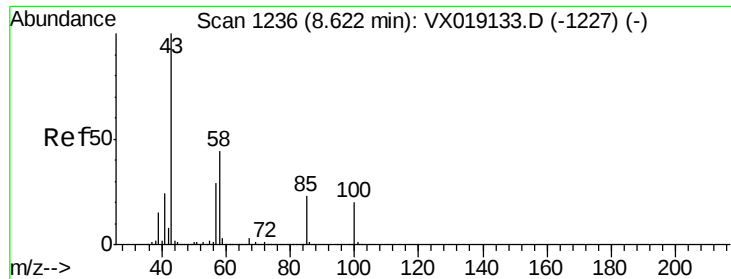
Tgt Ion: 98 Resp: 480758

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.6

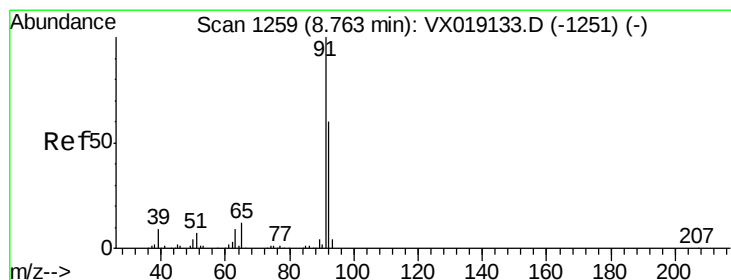
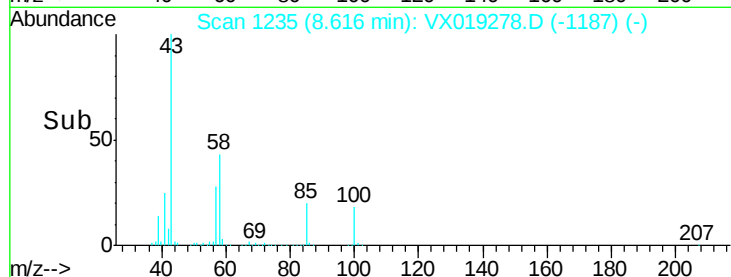
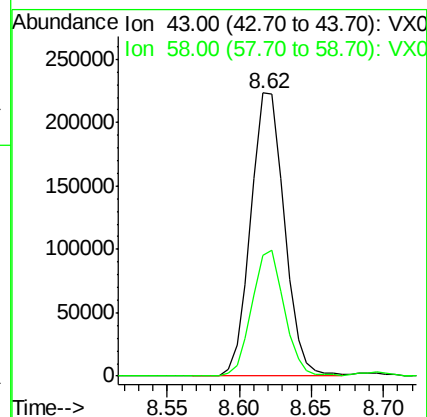
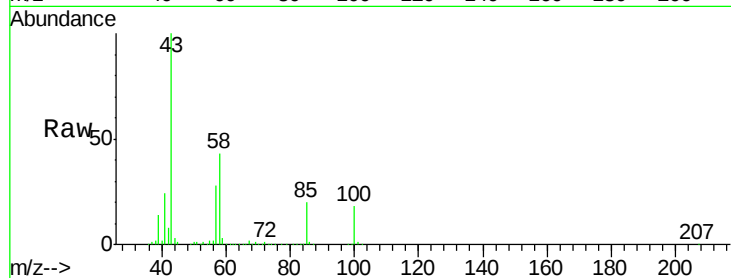




#51
 4-Methyl-2-Pentanone
 Concen: 103.215 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX019278.D
 Acq: 04 Nov 2020 18:57

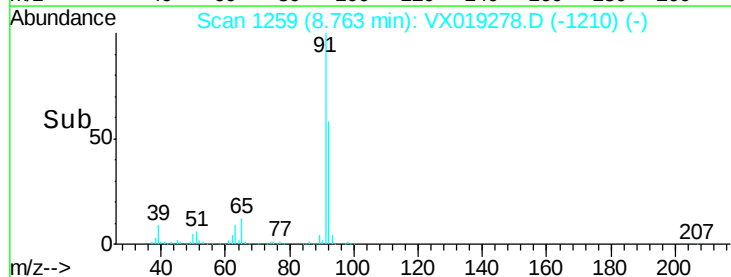
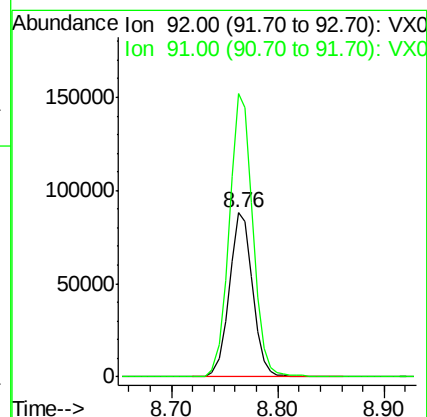
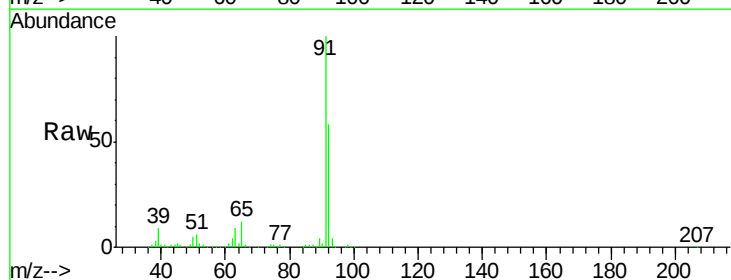
Instrument :
 MSVOA_X
 ClientSampleID :
 VX1106WBSD01

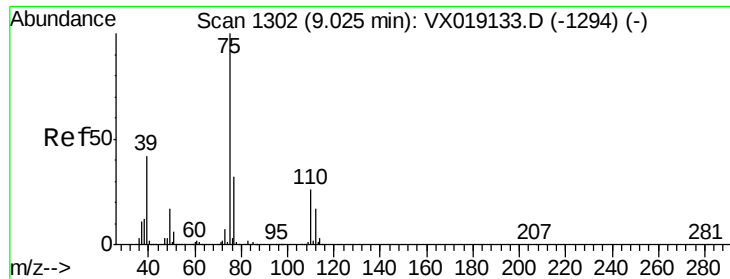
Tot Ion: 43 Resp: 360439
 Ion Ratio Lower Upper
 43 100
 58 43.0 35.0 52.4



#52
 Toluene
 Concen: 18.983 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019278.D
 Acq: 04 Nov 2020 18:57

Tgt Ion: 92 Resp: 135478
 Ion Ratio Lower Upper
 92 100
 91 173.7 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 17.841 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

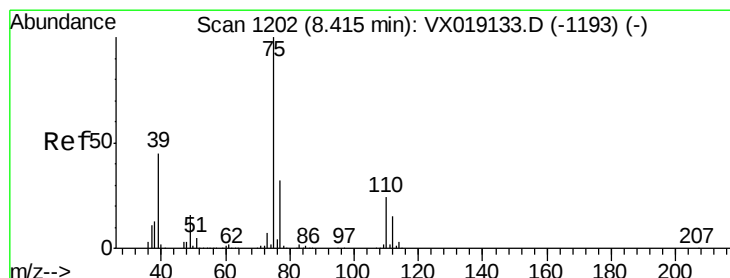
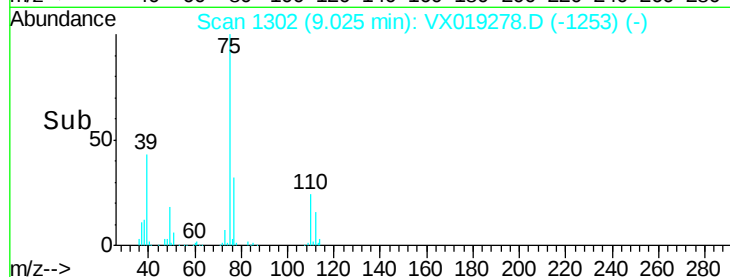
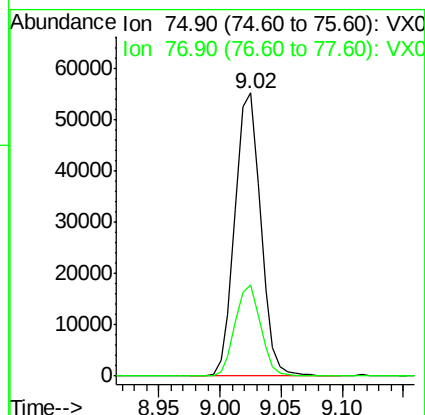
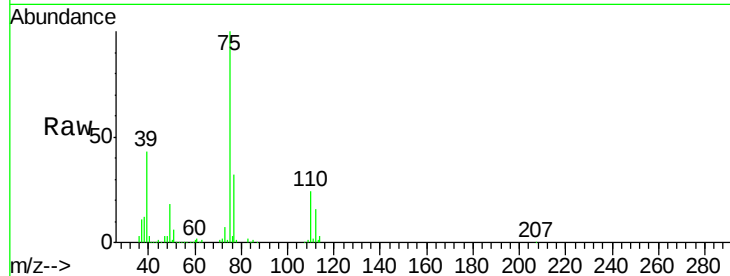
VX1106WBSD01

Tot Ion: 75 Resp: 80612

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.493 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

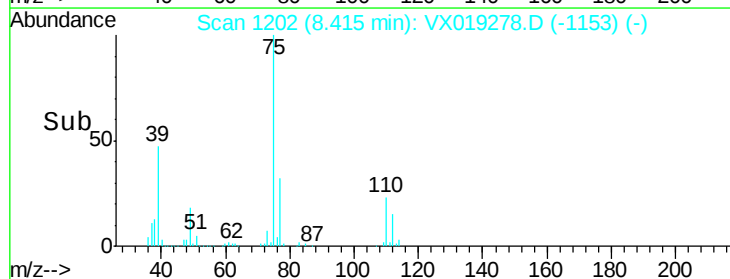
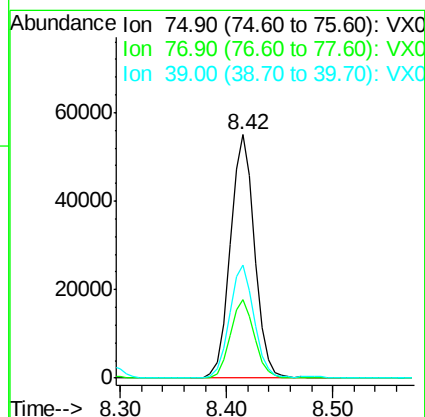
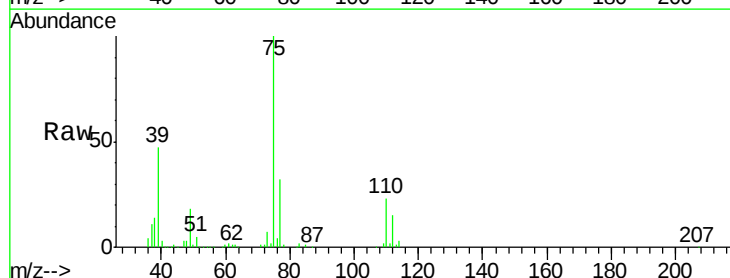
Tgt Ion: 75 Resp: 87864

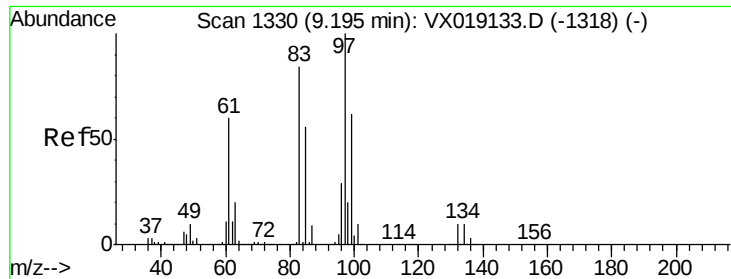
Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

39 46.4 36.2 54.2

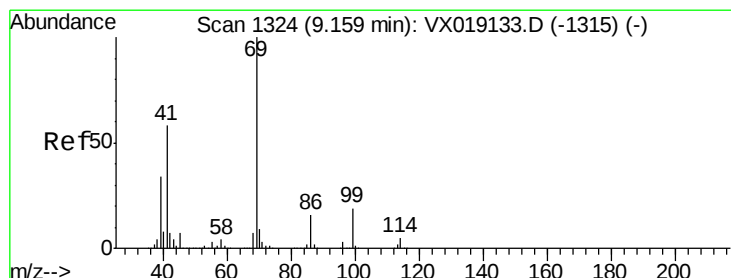
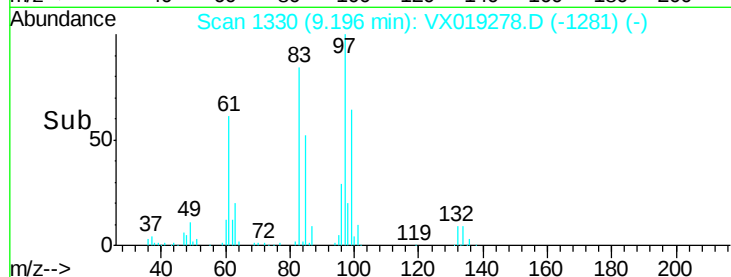
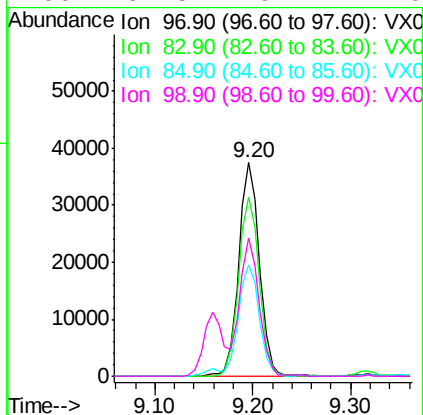
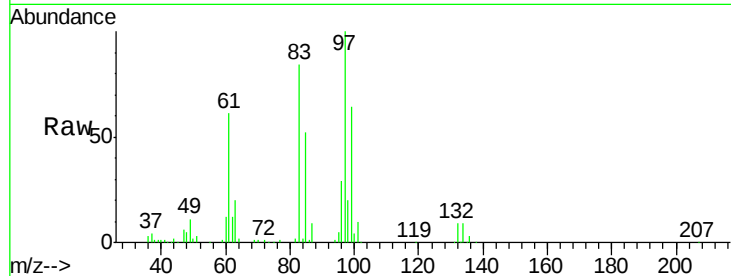




#55
 1,1,2-Trichloroethane
 Concen: 19.381 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019278.D
 Acq: 04 Nov 2020 18:57

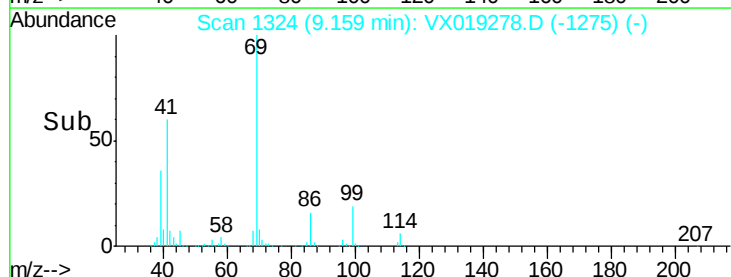
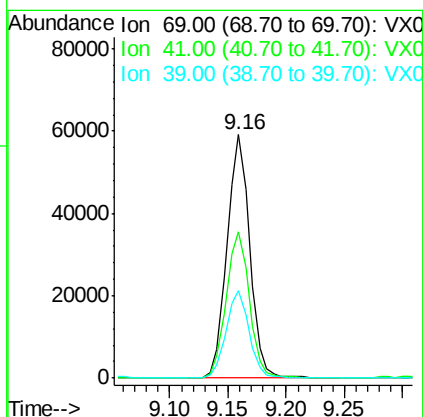
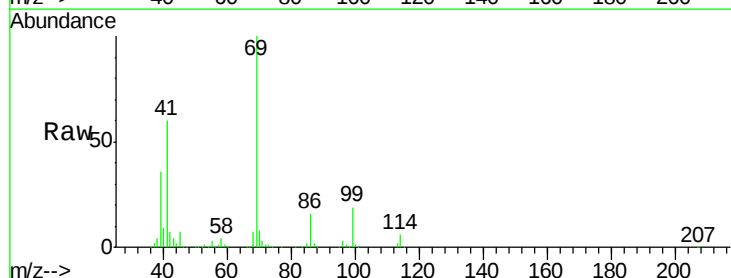
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

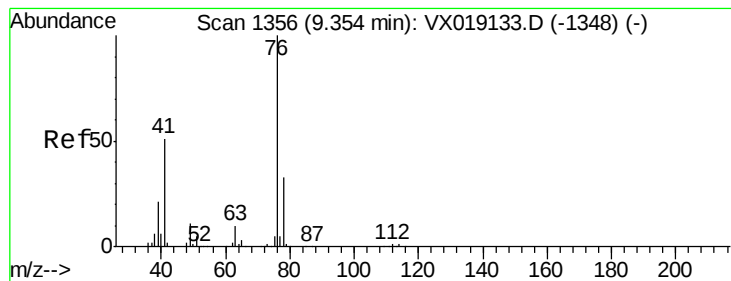
Tot Ion:	97	Resp:	54651
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.2	100.8
85	52.3	44.6	67.0
99	64.5	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 18.872 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019278.D
 Acq: 04 Nov 2020 18:57

Tgt Ion:	69	Resp:	80380
Ion	Ratio	Lower	Upper
69	100		
41	60.9	46.5	69.7
39	36.1	27.6	41.4





#57

1,3-Dichloropropane

Concen: 19.470 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

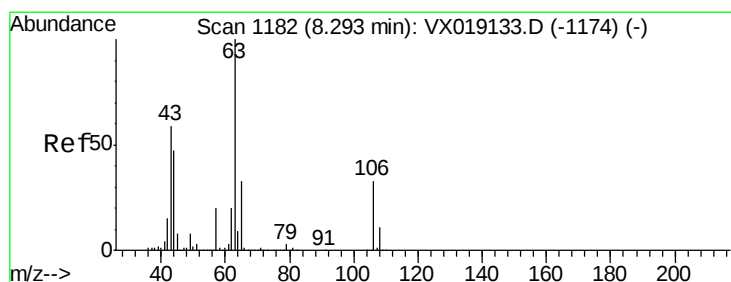
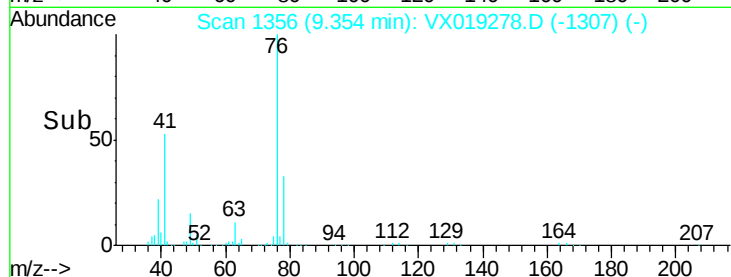
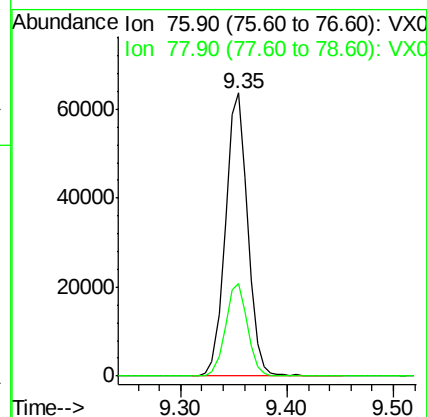
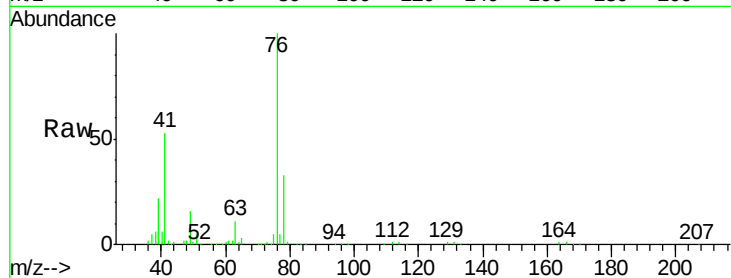
VX1106WBSD01

Tot Ion: 76 Resp: 92567

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 95.817 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019278.D

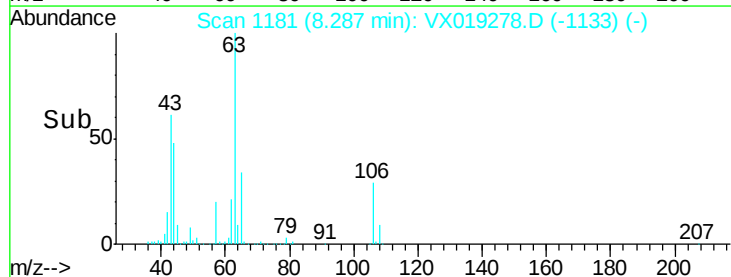
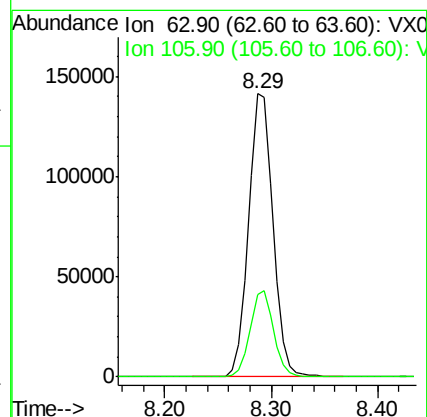
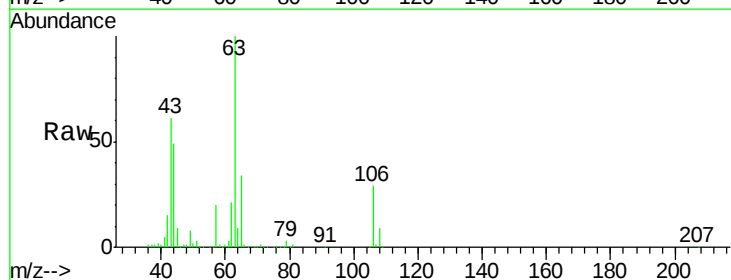
Acq: 04 Nov 2020 18:57

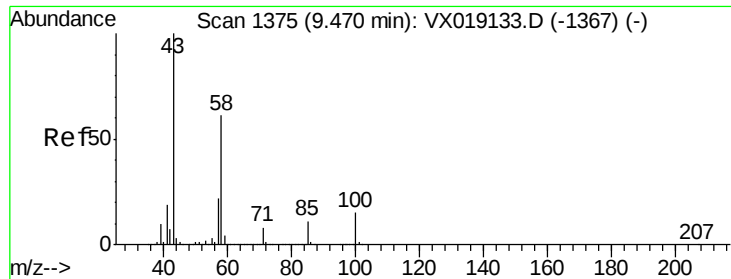
Tgt Ion: 63 Resp: 228238

Ion Ratio Lower Upper

63 100

106 29.4 25.1 37.7

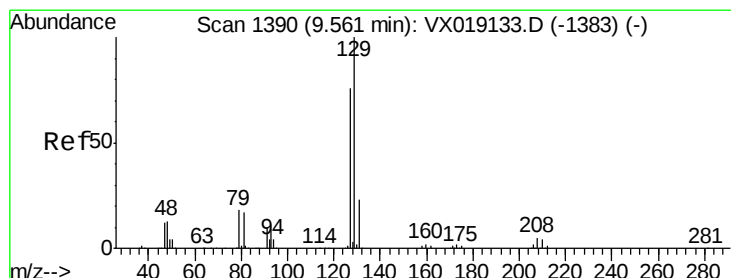
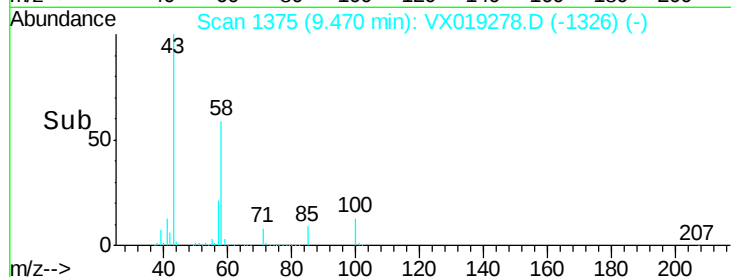
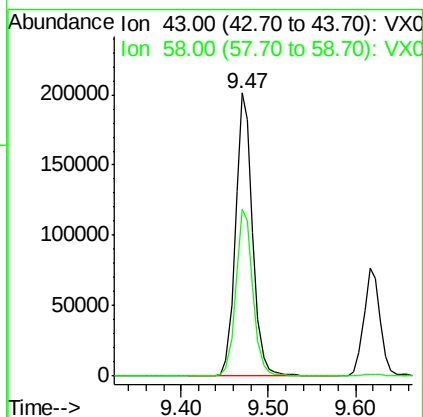
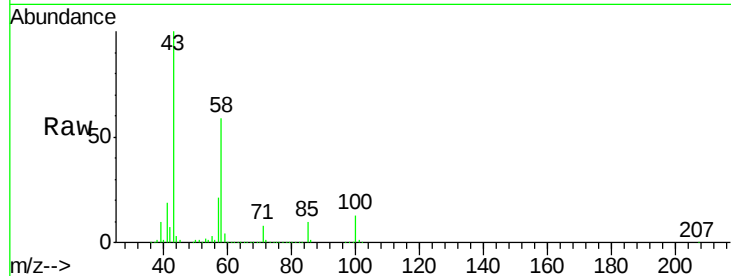




#59
2-Hexanone
Concen: 103.126 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

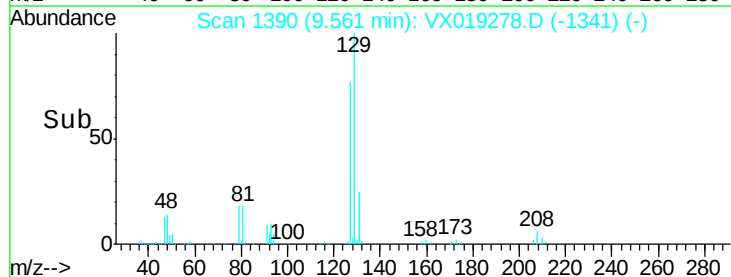
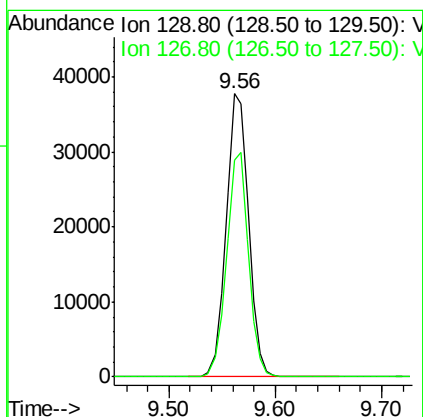
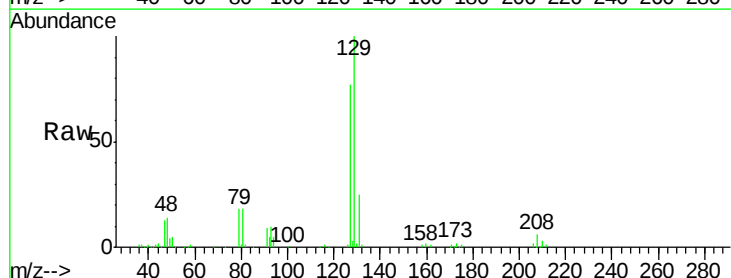
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

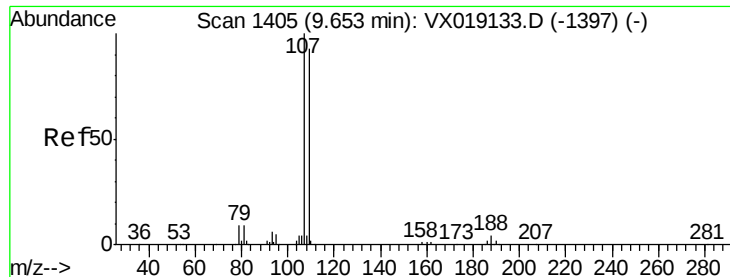
Tot Ion: 43 Resp: 274134
Ion Ratio Lower Upper
43 100
58 59.4 30.5 91.5



#60
Dibromochloromethane
Concen: 18.285 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

Tgt Ion: 129 Resp: 55958
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 18.901 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

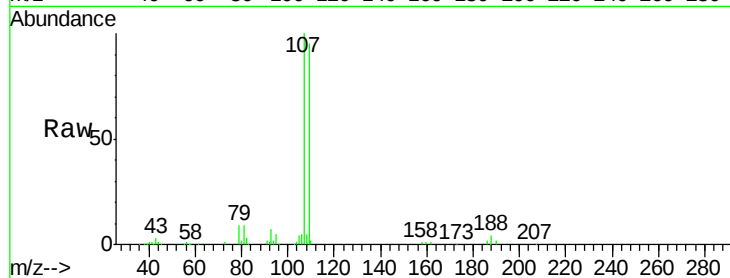
VX1106WBSD01

Tot Ion:107 Resp: 56994

Ion Ratio Lower Upper

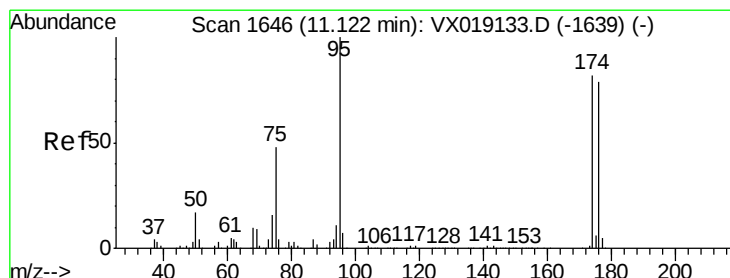
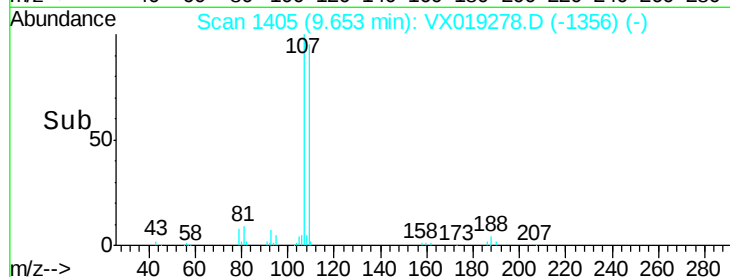
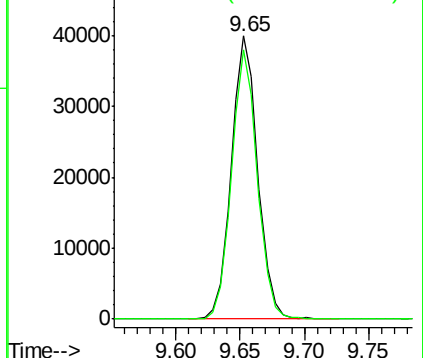
107 100

109 93.4 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.248 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

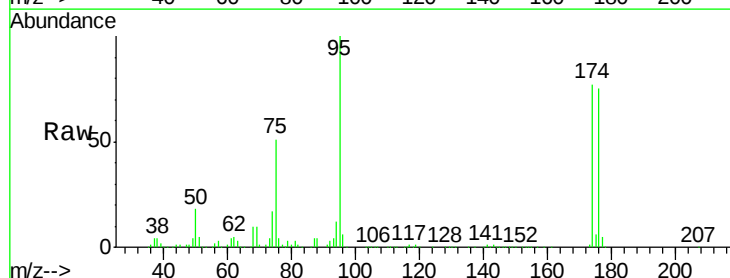
Tgt Ion: 95 Resp: 179312

Ion Ratio Lower Upper

95 100

174 75.6 0.0 156.0

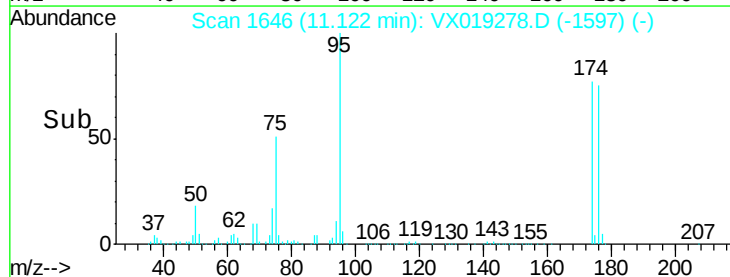
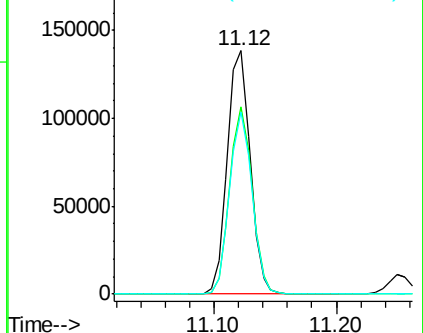
176 73.1 0.0 149.8

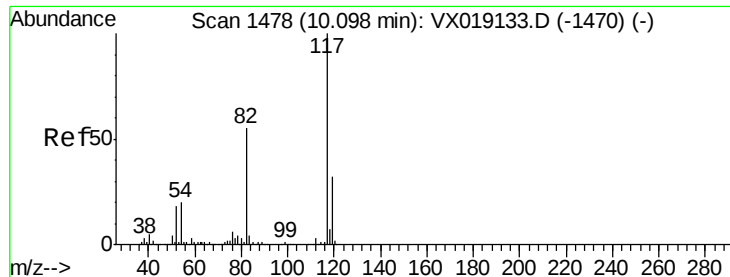


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

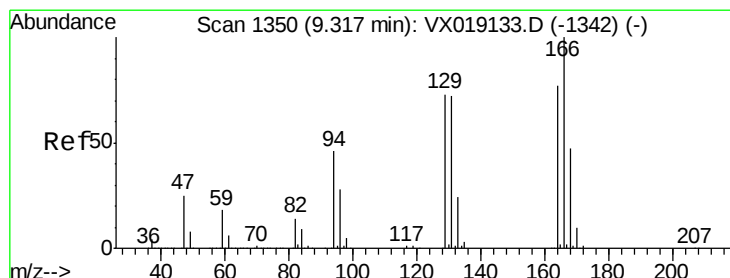
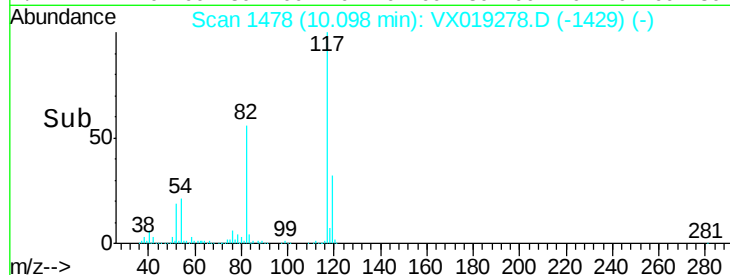
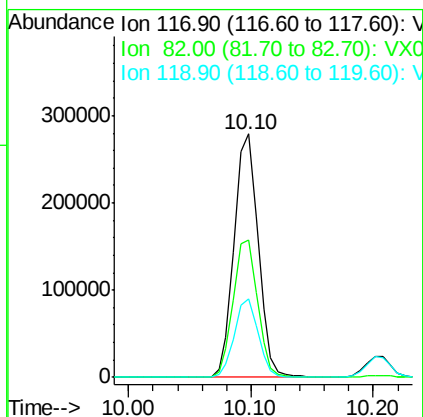
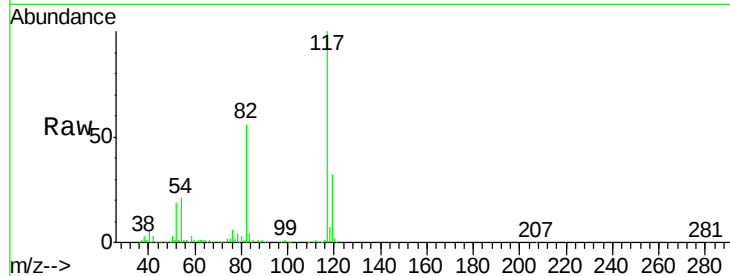




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

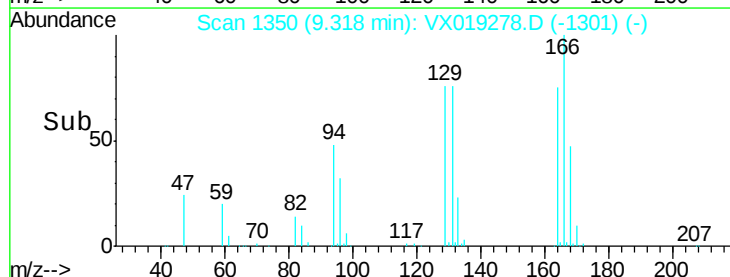
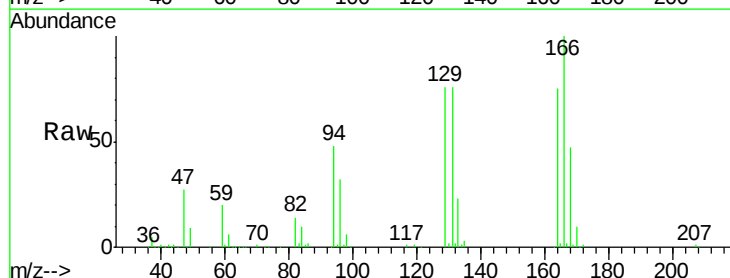
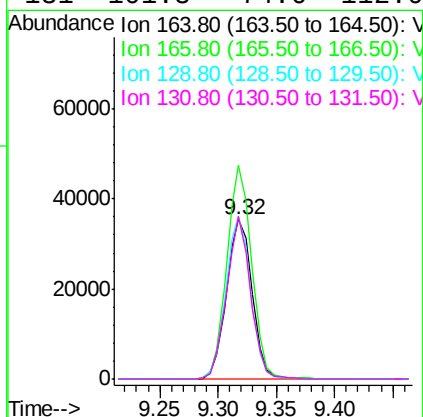
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

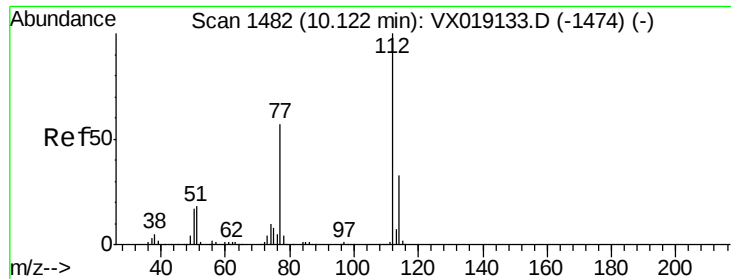
Tot Ion:117 Resp: 378857
Ion Ratio Lower Upper
117 100
82 56.4 43.6 65.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 18.733 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

Tgt Ion:164 Resp: 54073
Ion Ratio Lower Upper
164 100
166 133.5 104.1 156.1
129 101.6 76.2 114.4
131 101.8 74.6 112.0

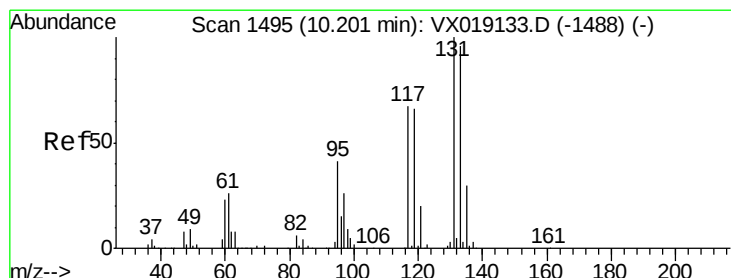
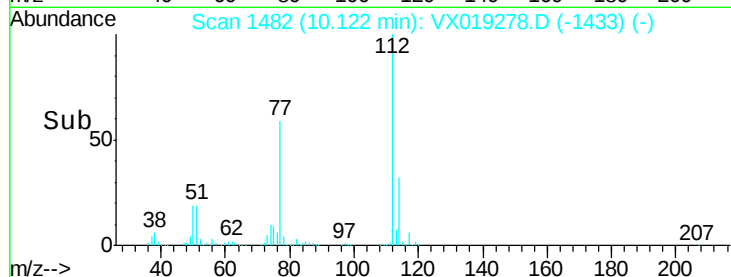
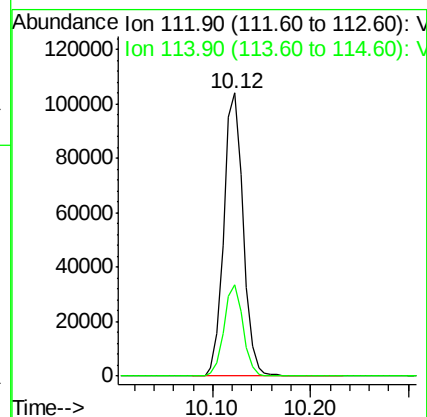
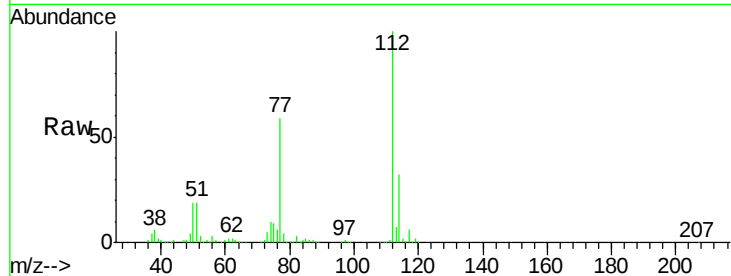




#65
Chlorobenzene
Concen: 18.455 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

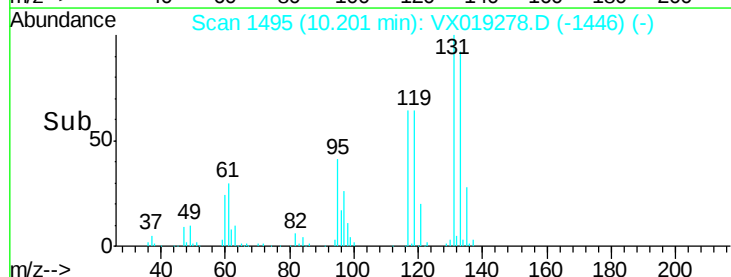
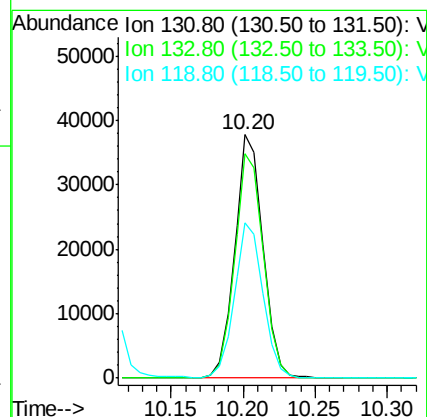
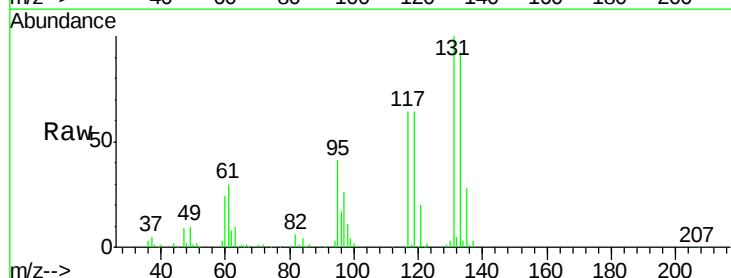
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

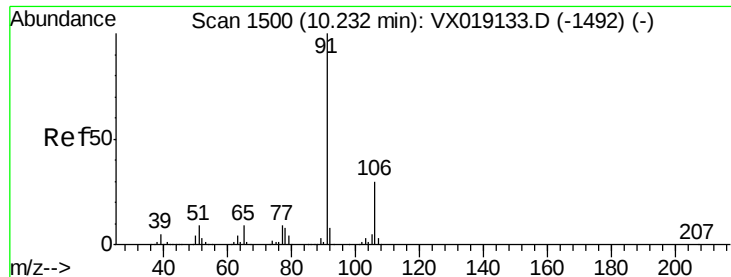
Tot Ion:112 Resp: 142905
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.492 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

Tgt Ion:131 Resp: 51551
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.8
119 64.7 32.3 96.9

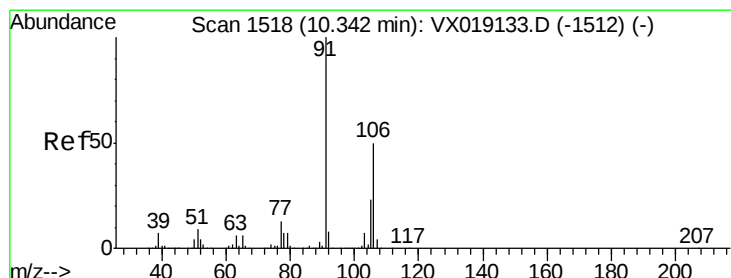
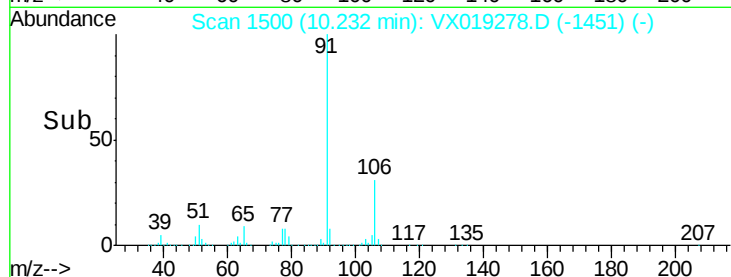
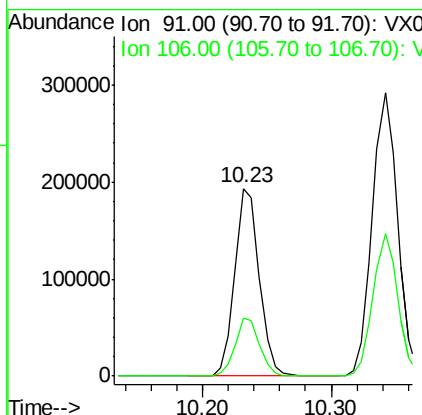
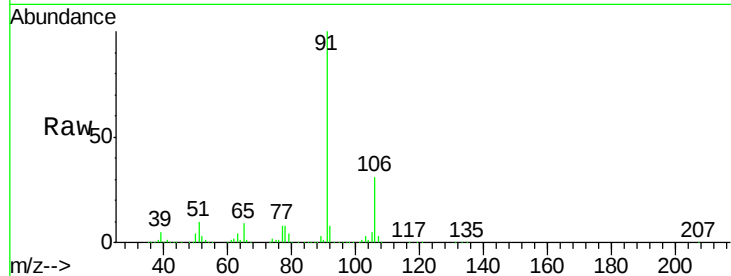




#67
Ethyl Benzene
Concen: 18.735 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

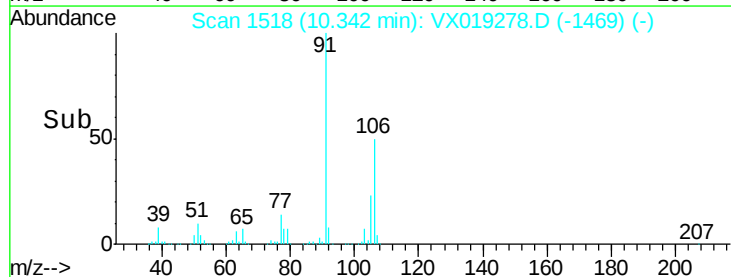
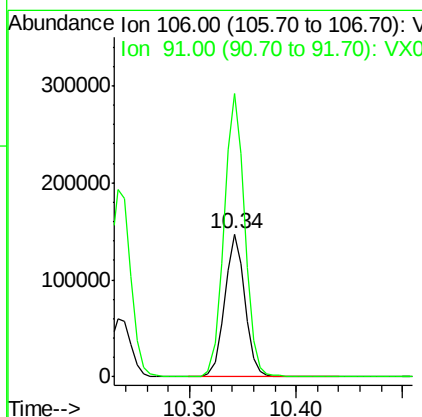
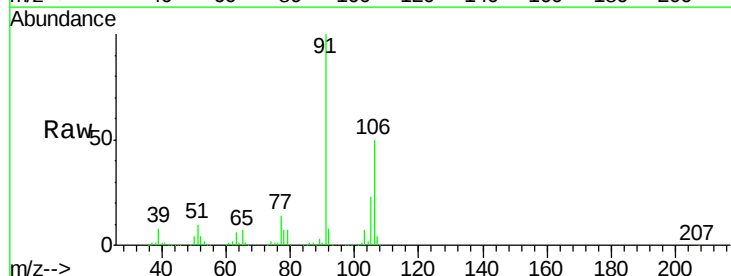
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

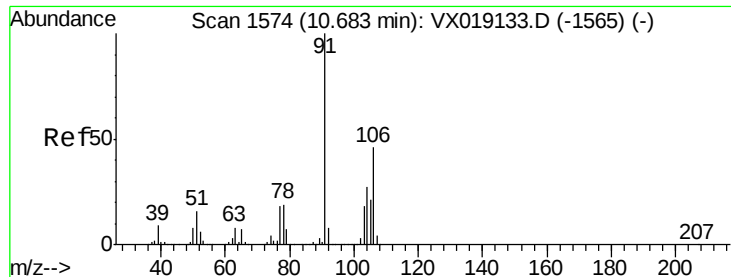
Tot Ion: 91 Resp: 258505
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5



#68
m/p-Xylenes
Concen: 37.623 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

Tgt Ion: 106 Resp: 194838
Ion Ratio Lower Upper
106 100
91 203.0 161.0 241.4

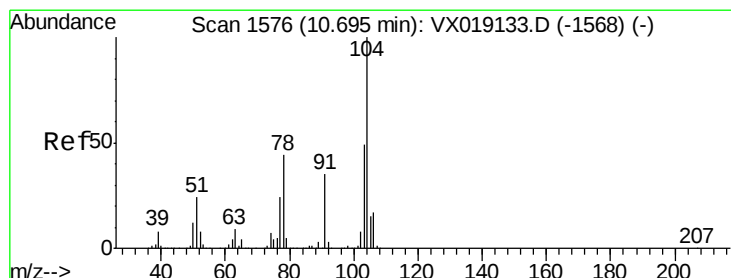
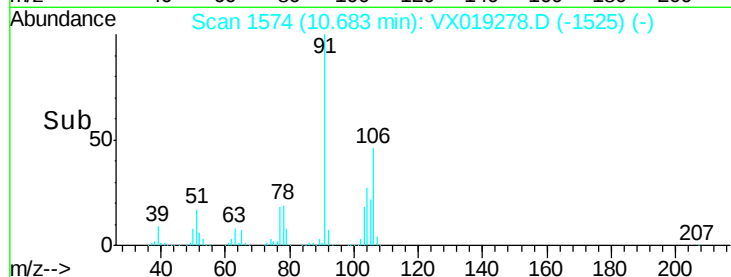
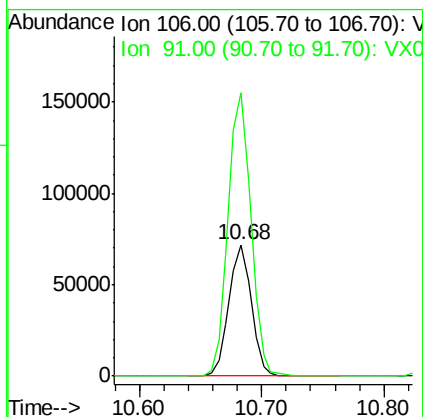
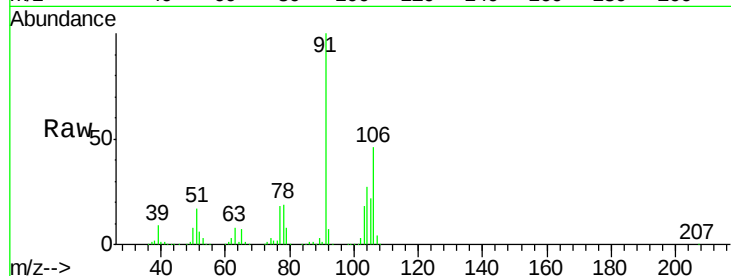




#69
o-Xylene
Concen: 18.570 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

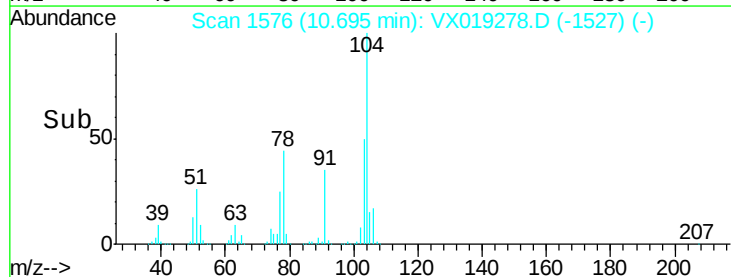
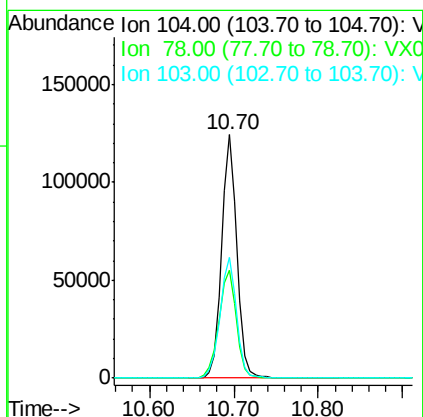
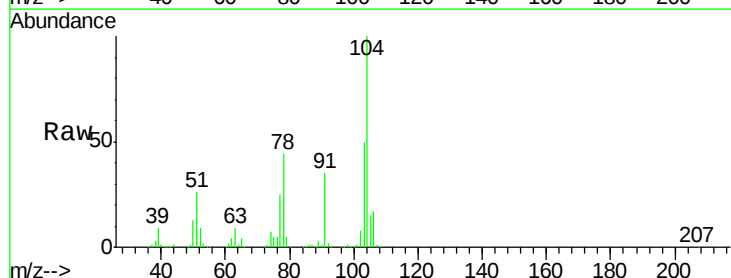
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

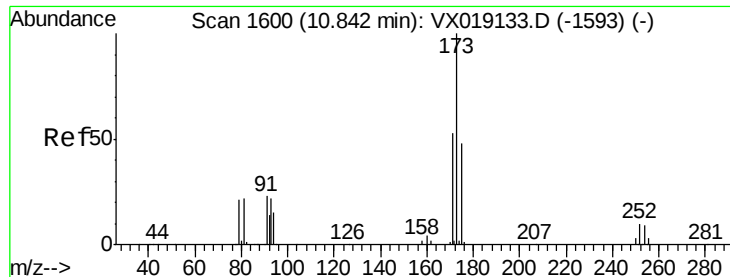
Tot Ion:106 Resp: 91214
Ion Ratio Lower Upper
106 100
91 219.6 108.3 324.8



#70
Styrene
Concen: 18.597 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

Tgt Ion:104 Resp: 155860
Ion Ratio Lower Upper
104 100
78 50.8 40.0 60.0
103 54.1 43.5 65.3





#71

Bromoform

Concen: 16.830 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampled :

VX1106WBSD01

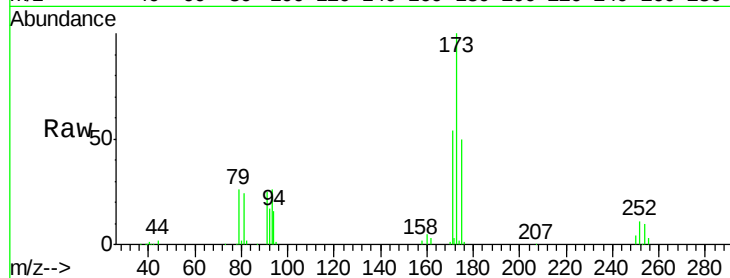
Tot Ion:173 Resp: 37198

Ion Ratio Lower Upper

173 100

175 48.1 24.4 73.4

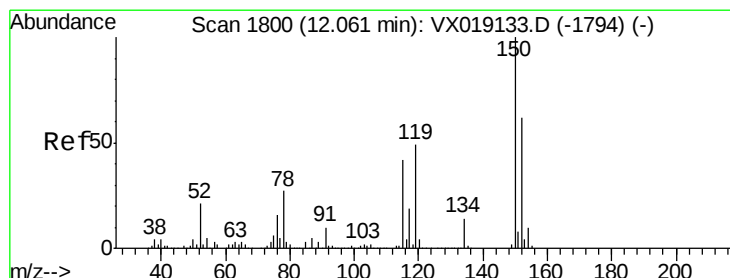
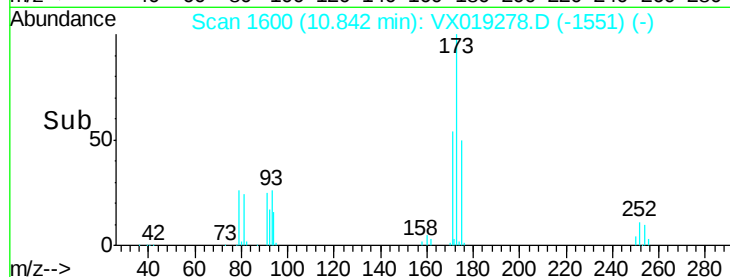
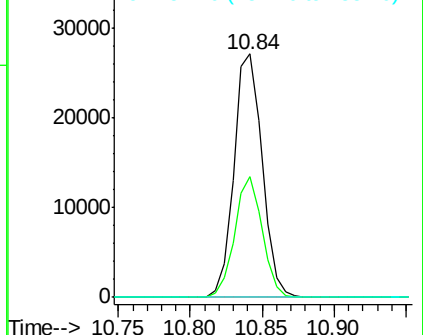
254 0.0 0.1 0.1#



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: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

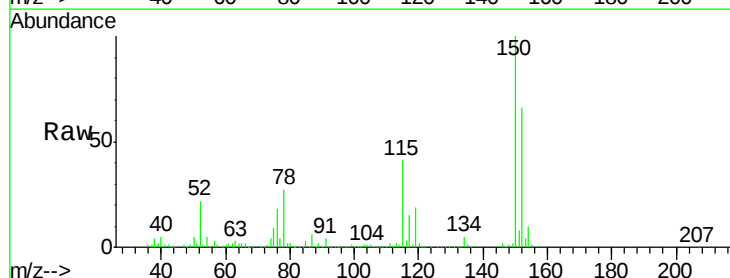
Tgt Ion:152 Resp: 190589

Ion Ratio Lower Upper

152 100

115 69.7 41.9 125.7

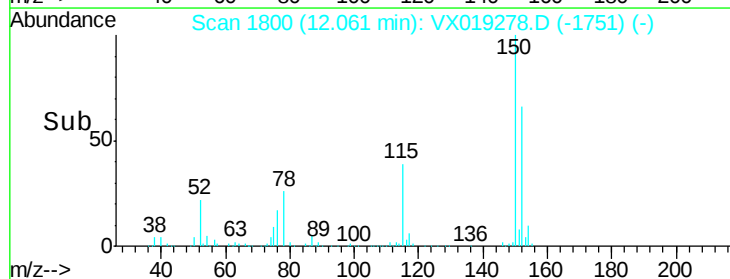
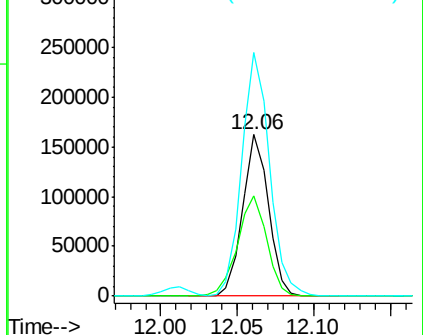
150 162.3 0.0 347.8

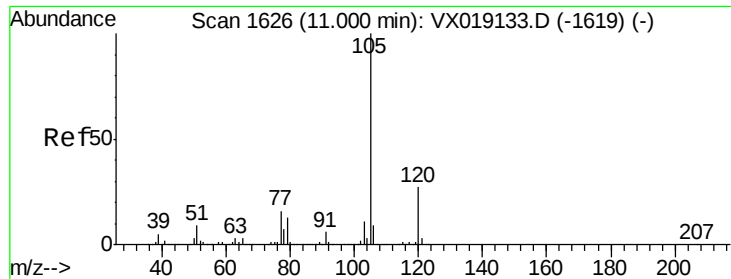


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.634 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

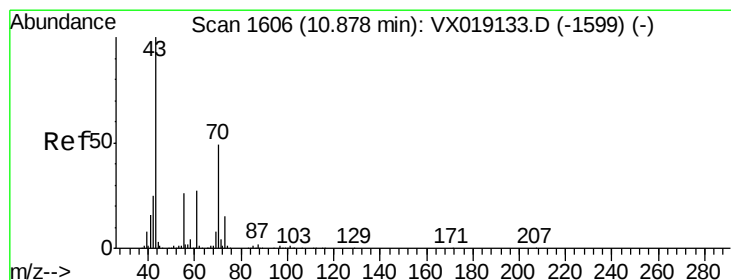
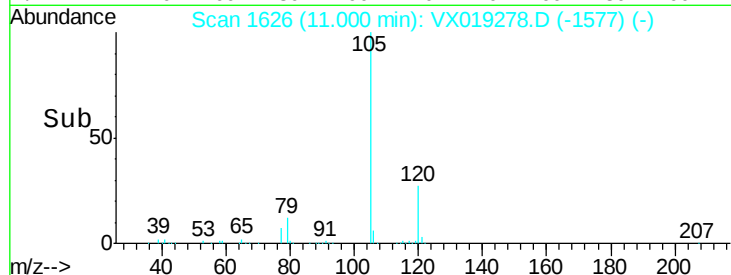
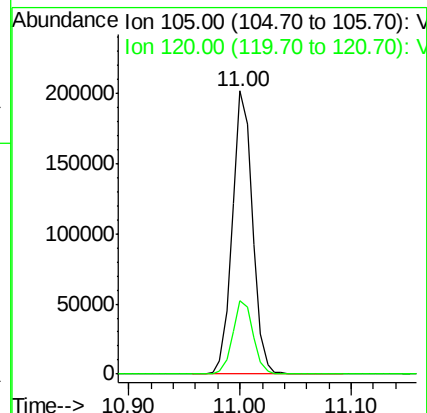
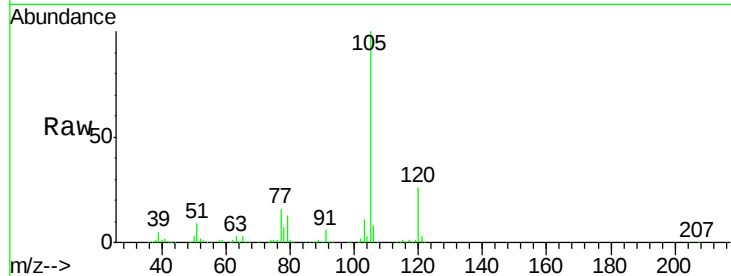
VX1106WBSD01

Tot Ion:105 Resp: 251395

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 19.043 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Tgt Ion: 43 Resp: 93932

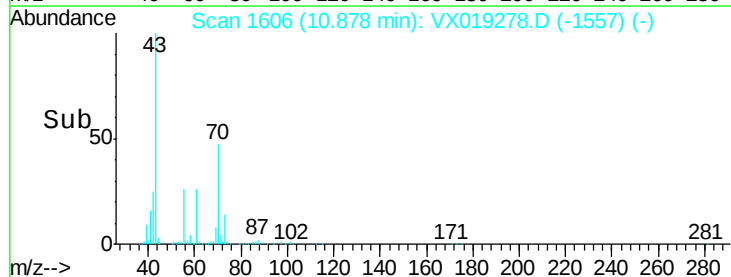
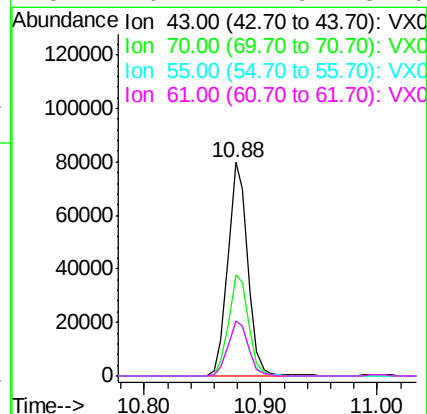
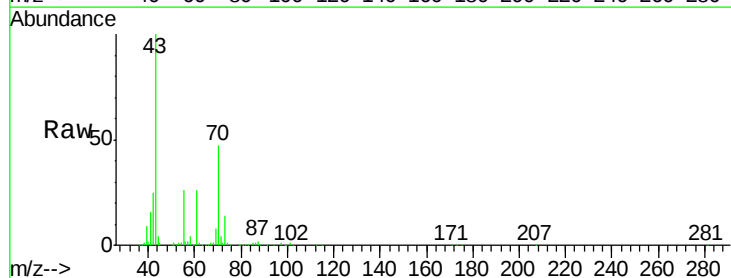
Ion Ratio Lower Upper

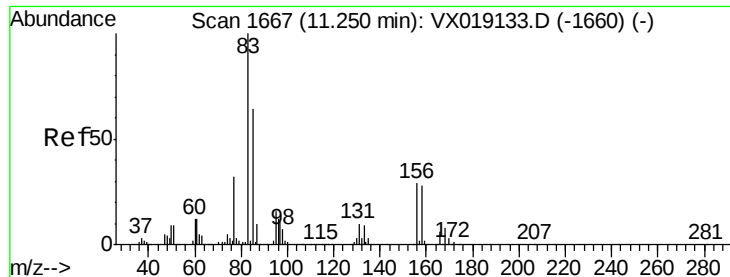
43 100

70 48.1 39.6 59.4

55 26.5 20.7 31.1

61 26.4 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.635 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

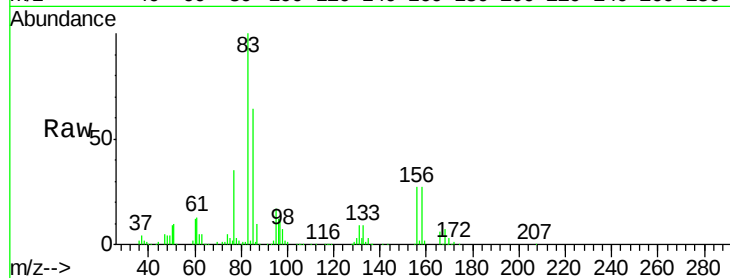
Tot Ion: 83 Resp: 82785

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

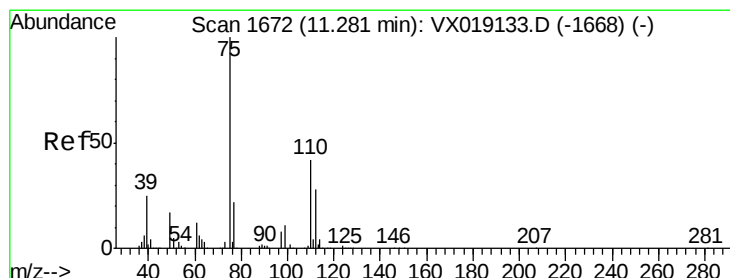
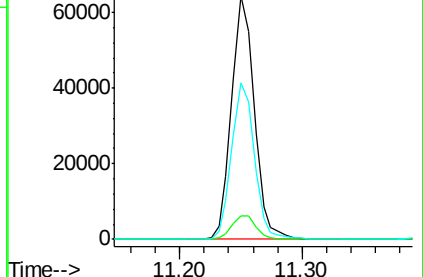
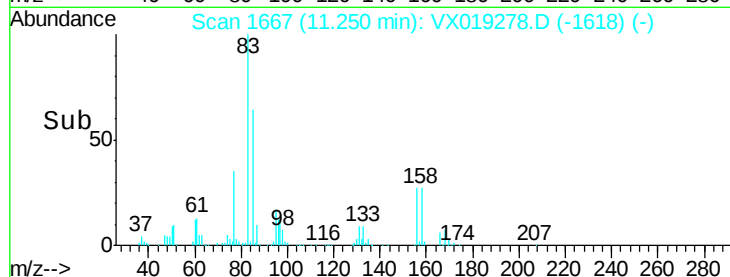
85 64.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.046 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019278.D

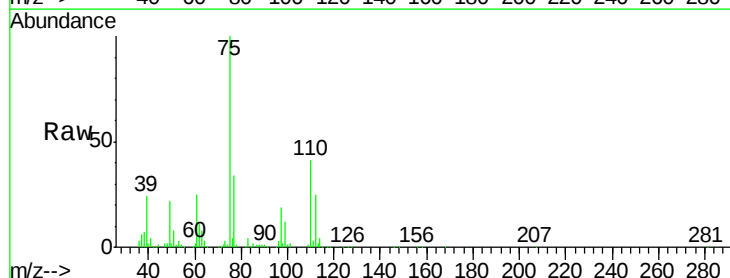
Acq: 04 Nov 2020 18:57

Tgt Ion: 75 Resp: 94626

Ion Ratio Lower Upper

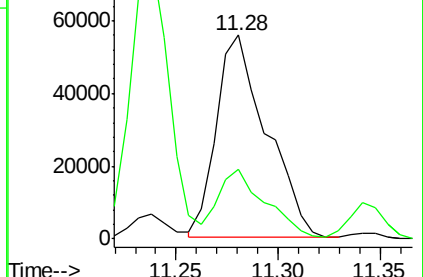
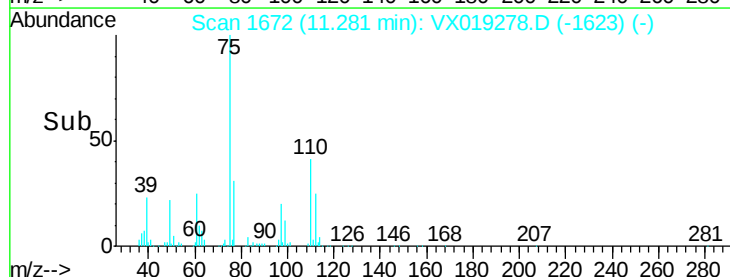
75 100

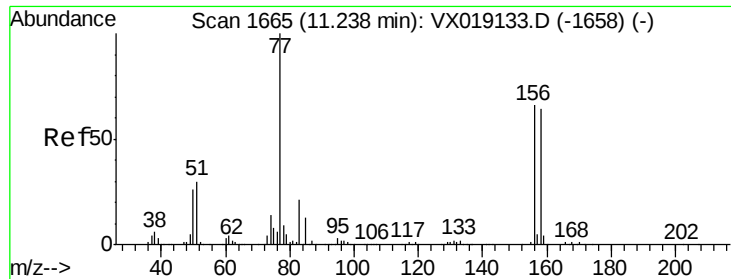
77 32.8 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.795 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

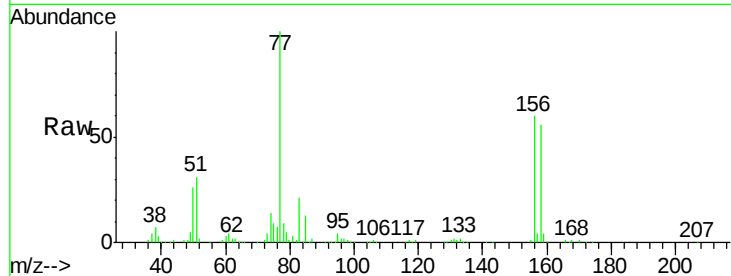
Tot Ion:156 Resp: 59582

Ion Ratio Lower Upper

156 100

77 170.0 77.7 233.1

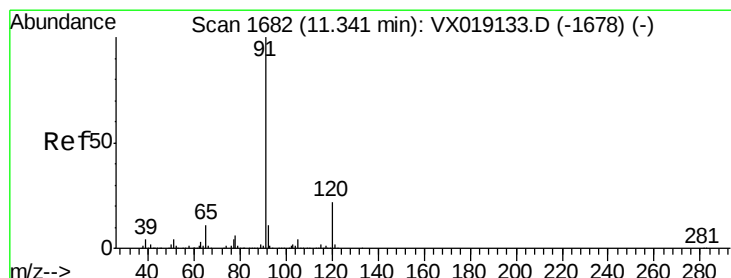
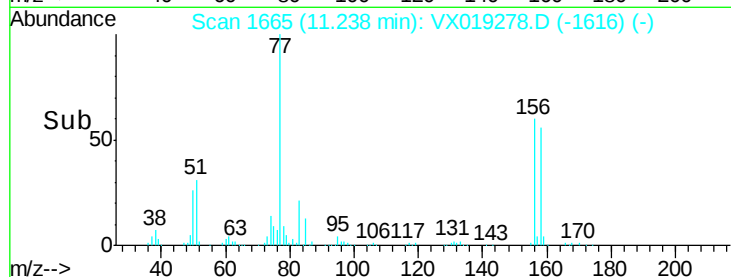
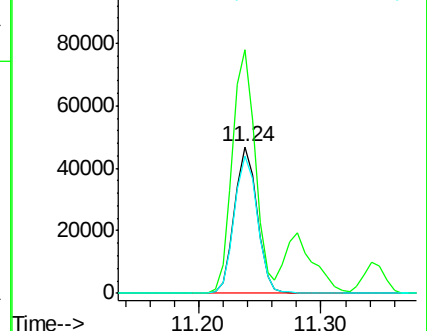
158 96.2 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.667 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019278.D

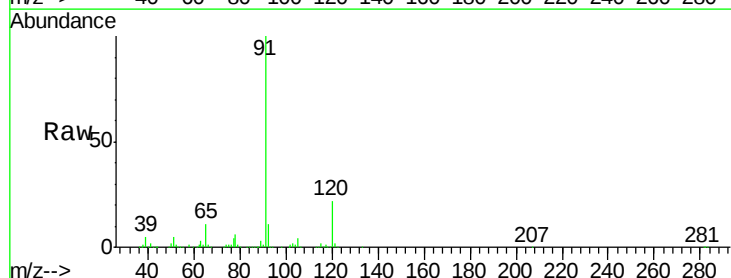
Acq: 04 Nov 2020 18:57

Tgt Ion: 91 Resp: 287475

Ion Ratio Lower Upper

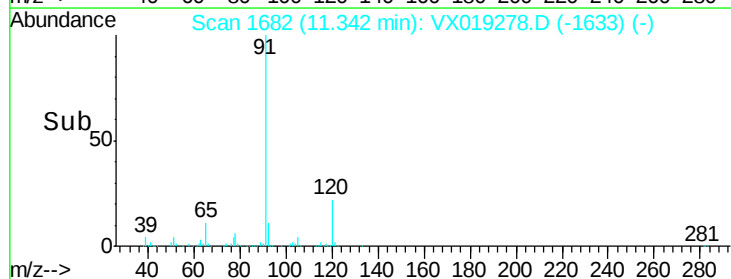
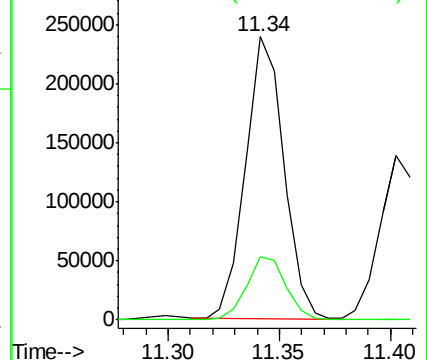
91 100

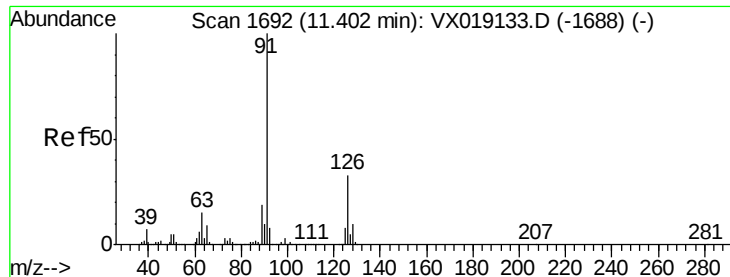
120 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.887 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

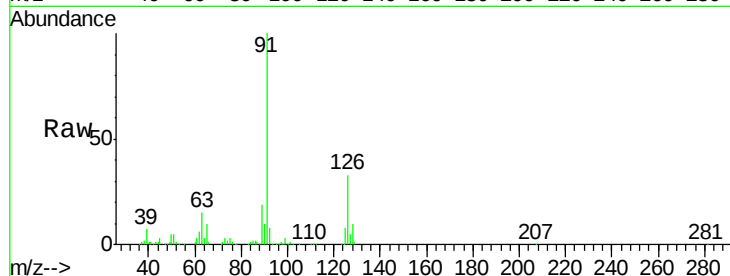
VX1106WBSD01

Tot Ion: 91 Resp: 171241

Ion Ratio Lower Upper

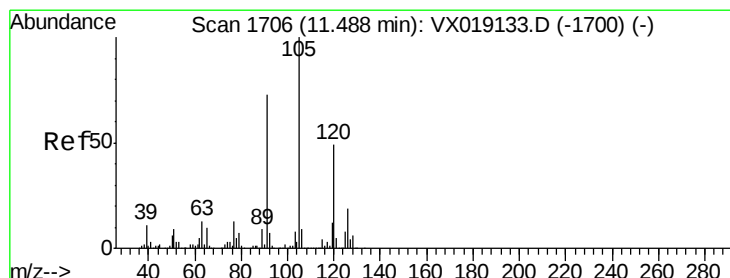
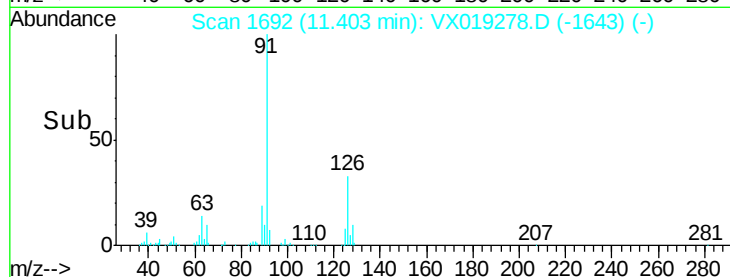
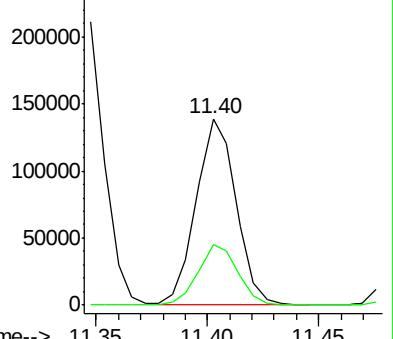
91 100

126 33.1 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VX019133.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX019133.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.513 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019278.D

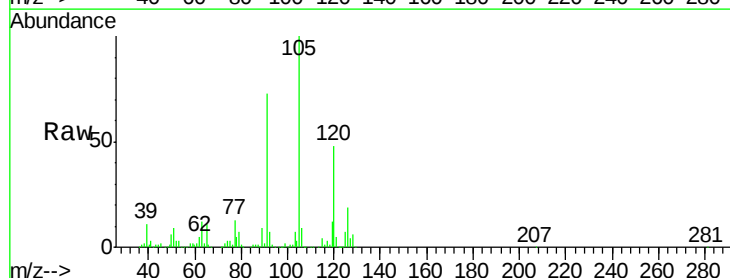
Acq: 04 Nov 2020 18:57

Tgt Ion: 105 Resp: 210992

Ion Ratio Lower Upper

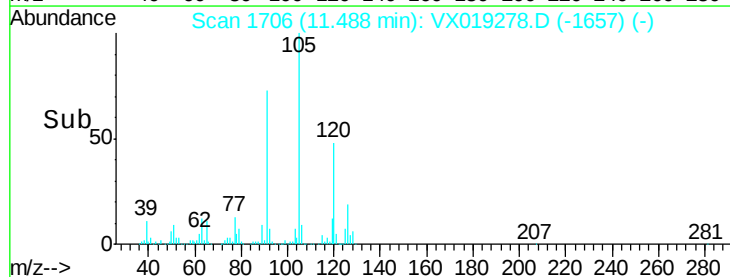
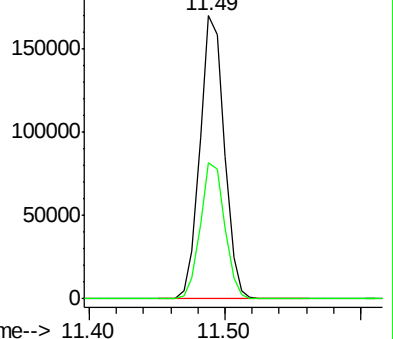
105 100

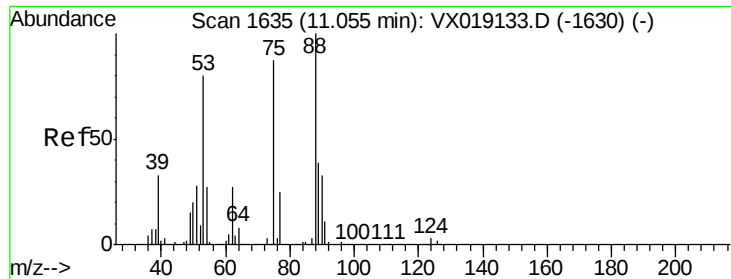
120 48.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX019133.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019133.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.403 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

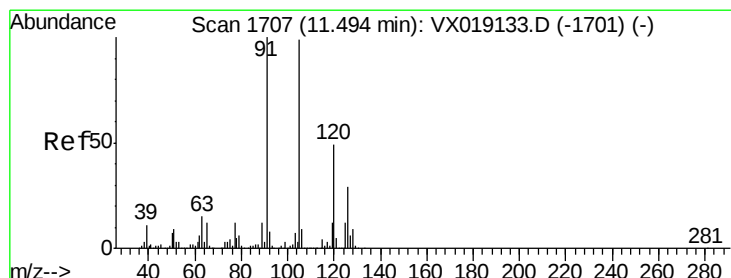
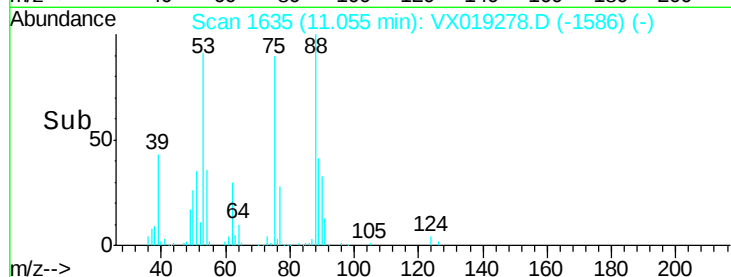
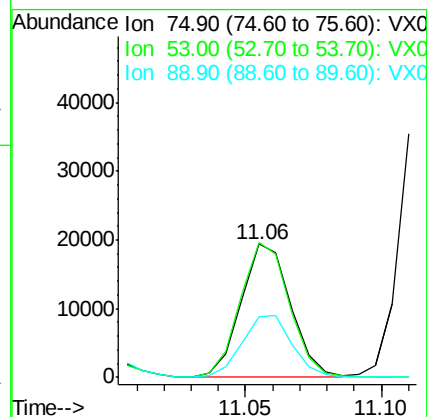
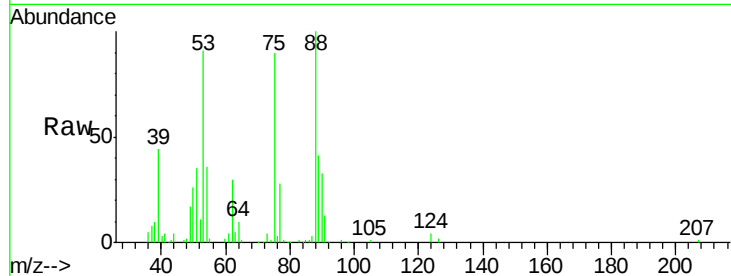
Tot Ion: 75 Resp: 24516

Ion Ratio Lower Upper

75 100

53 101.2 73.3 109.9

89 47.1 38.2 57.2



#82

4-Chlorotoluene

Concen: 18.383 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019278.D

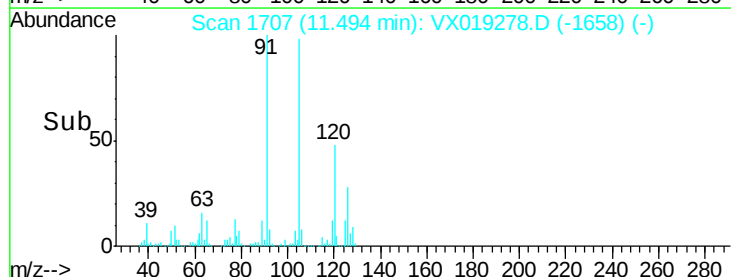
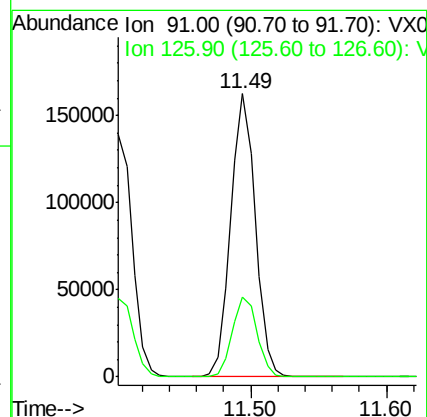
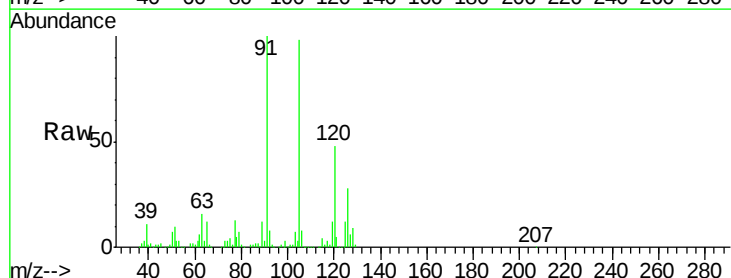
Acq: 04 Nov 2020 18:57

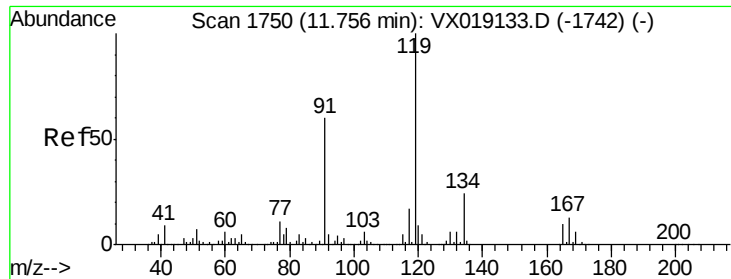
Tgt Ion: 91 Resp: 203530

Ion Ratio Lower Upper

91 100

126 28.7 14.8 44.4

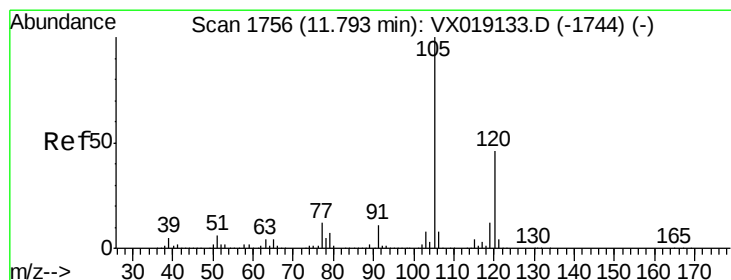
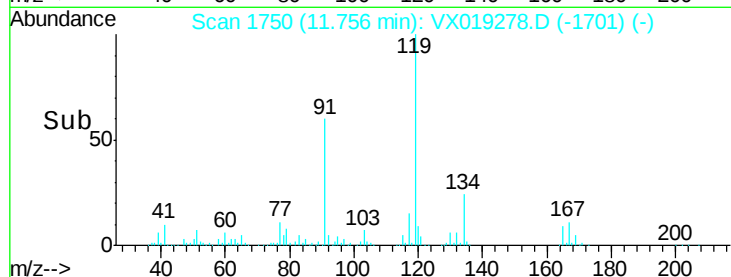
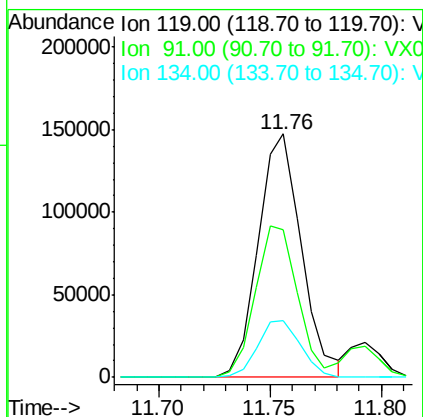
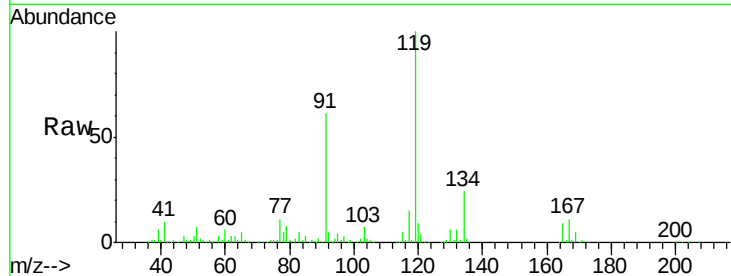




#83
 tert-Butylbenzene
 Concen: 18.226 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019278.D
 Acq: 04 Nov 2020 18:57

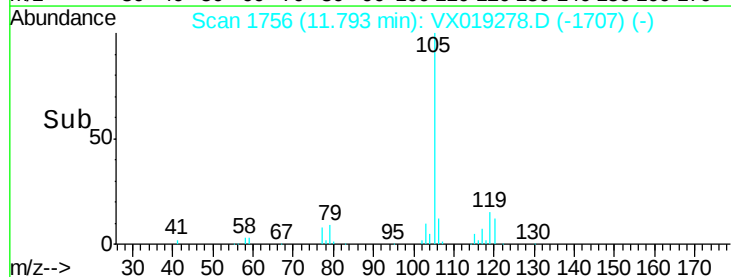
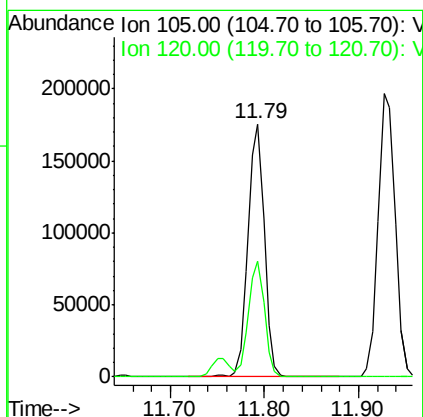
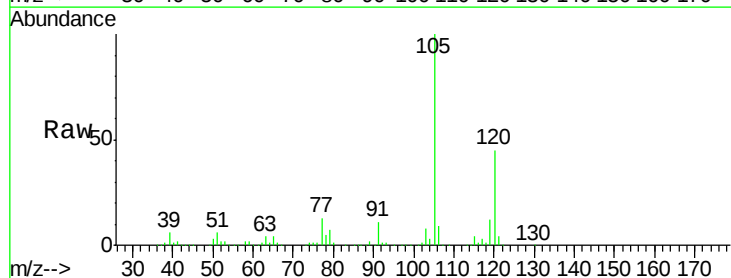
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

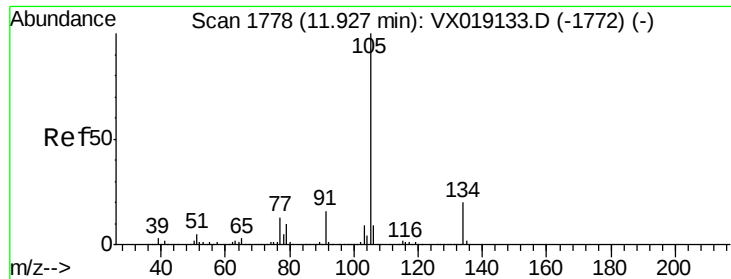
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.8	29.0	87.1
134	23.3	11.7	35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.638 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019278.D
 Acq: 04 Nov 2020 18:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.4	67.3

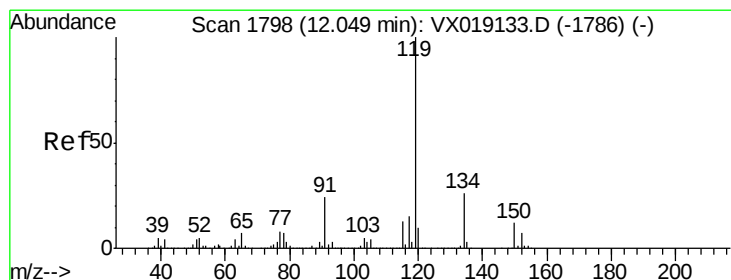
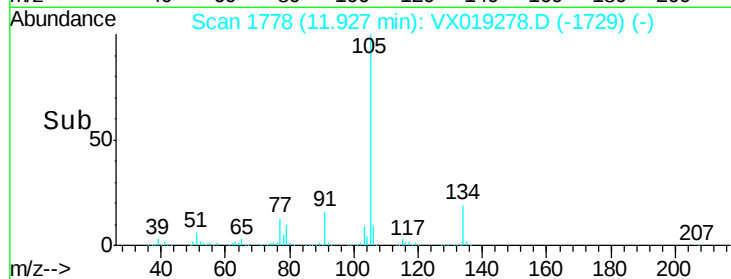
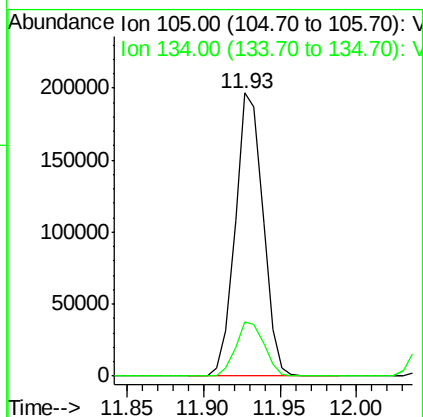
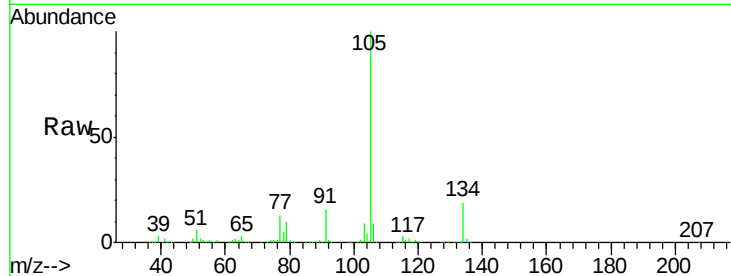




#85
 sec-Butylbenzene
 Concen: 18.839 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019278.D
 Acq: 04 Nov 2020 18:57

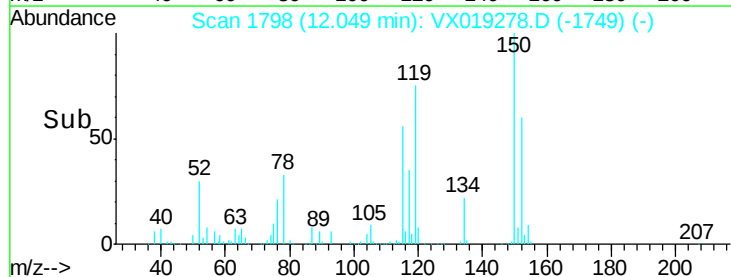
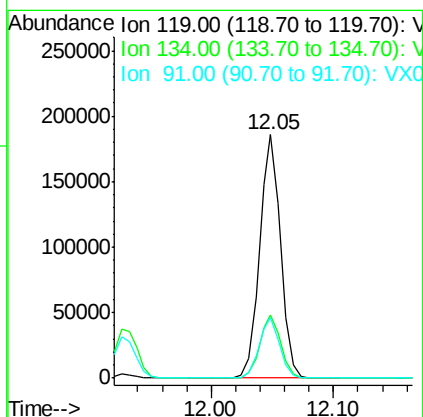
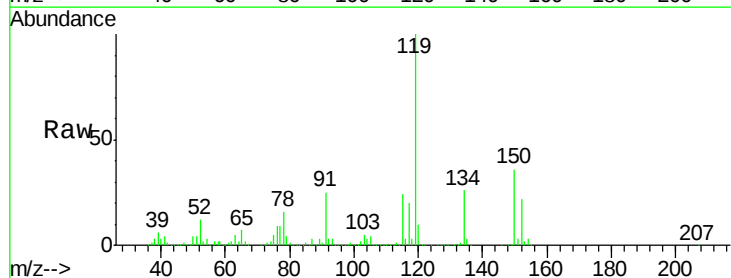
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

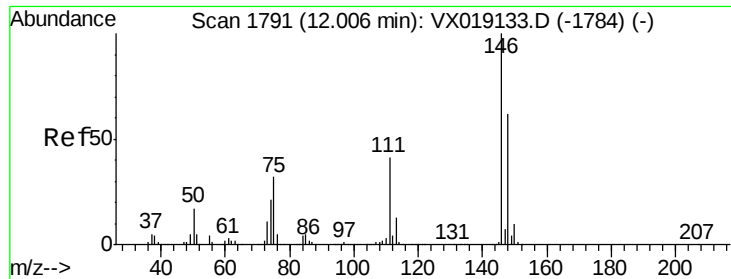
Tot Ion:105 Resp: 246563
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 18.377 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019278.D
 Acq: 04 Nov 2020 18:57

Tgt Ion:119 Resp: 222006
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 24.6 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 17.962 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

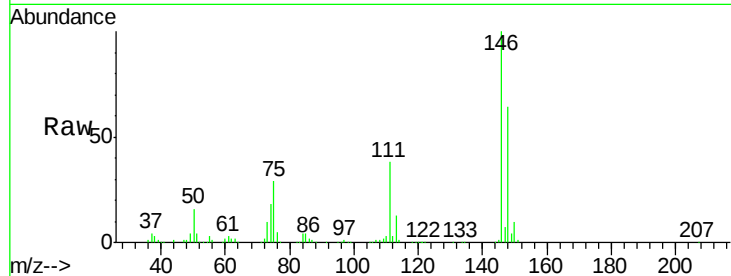
Tot Ion:146 Resp: 112000

Ion Ratio Lower Upper

146 100

111 41.3 20.4 61.2

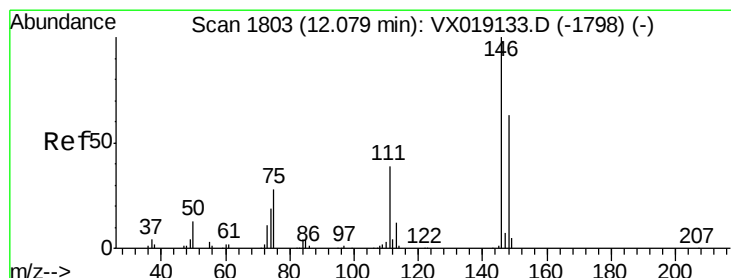
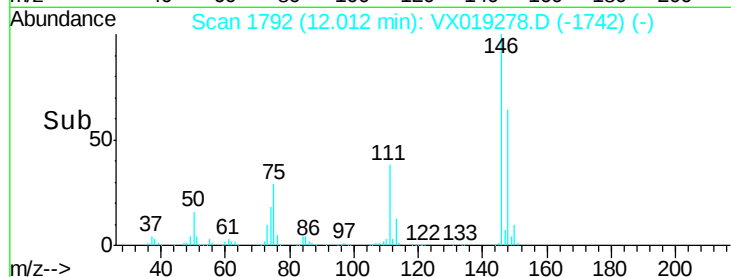
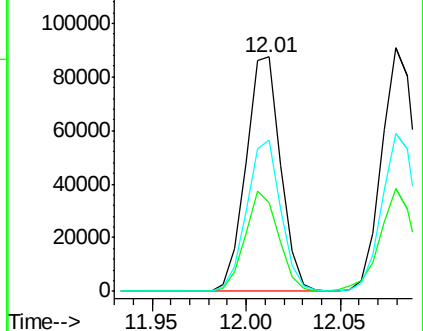
148 63.5 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.684 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

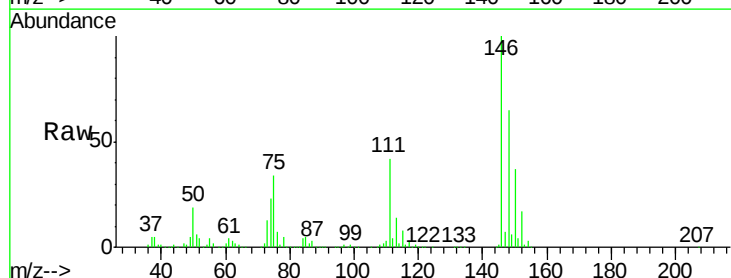
Tgt Ion:146 Resp: 114781

Ion Ratio Lower Upper

146 100

111 41.8 20.2 60.5

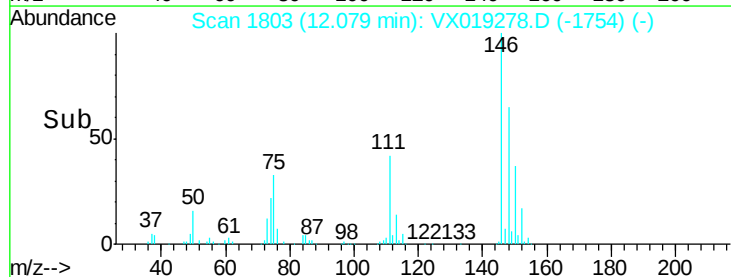
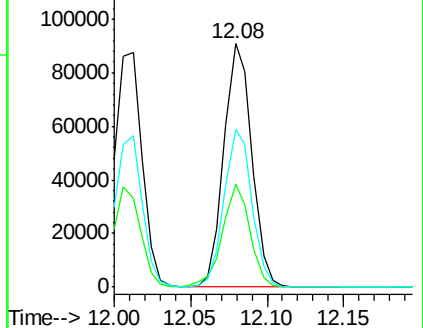
148 64.6 31.3 93.8

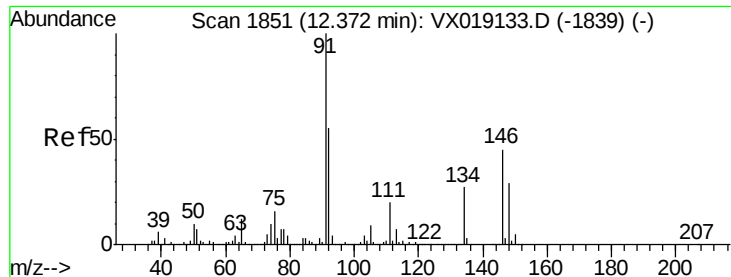


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

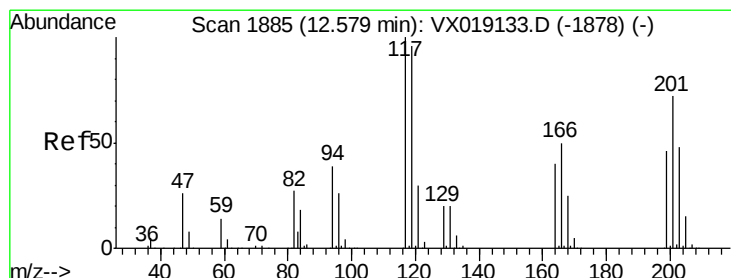
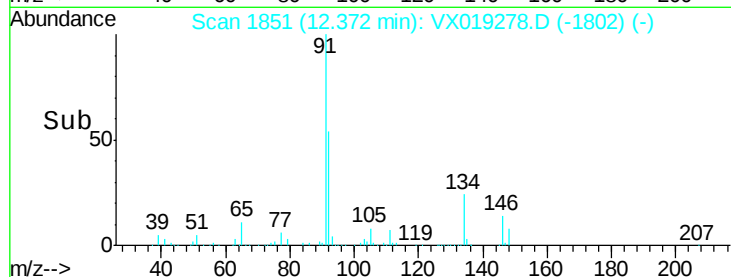
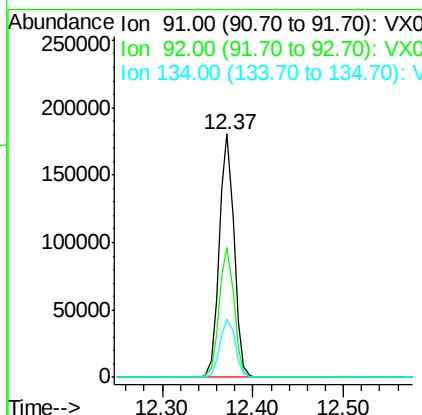
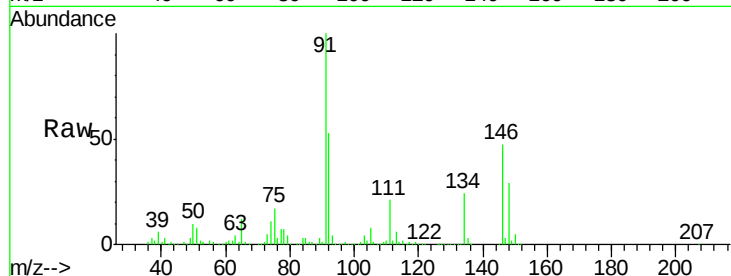




#89
n-Butylbenzene
Concen: 18.147 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

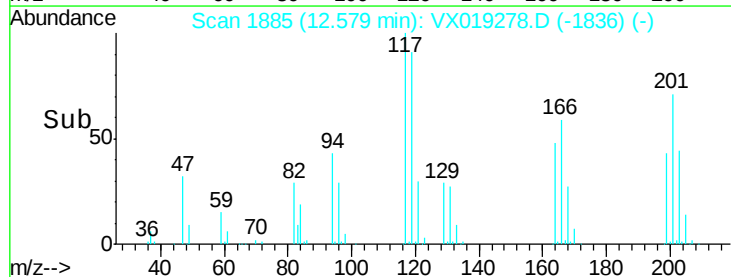
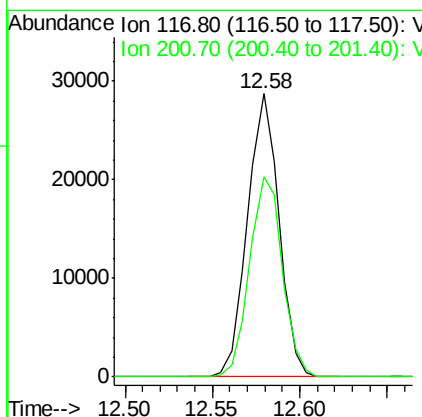
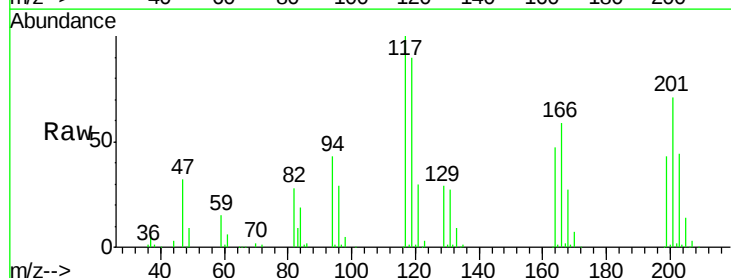
Instrument :
MSVOA_X
ClientSampleId :
VX1106WBSD01

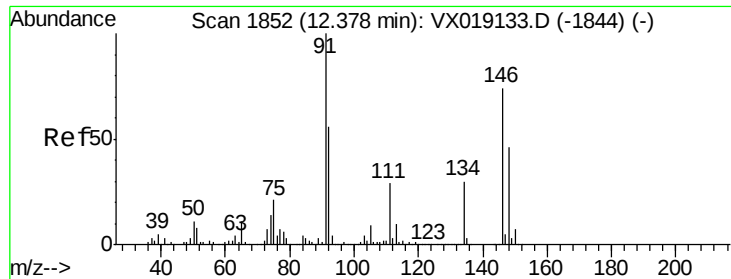
Tot Ion: 91 Resp: 206065
Ion Ratio Lower Upper
91 100
92 54.0 27.5 82.4
134 24.9 13.2 39.6



#90
Hexachloroethane
Concen: 17.513 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019278.D
Acq: 04 Nov 2020 18:57

Tgt Ion: 117 Resp: 35960
Ion Ratio Lower Upper
117 100
201 73.7 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 18.233 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

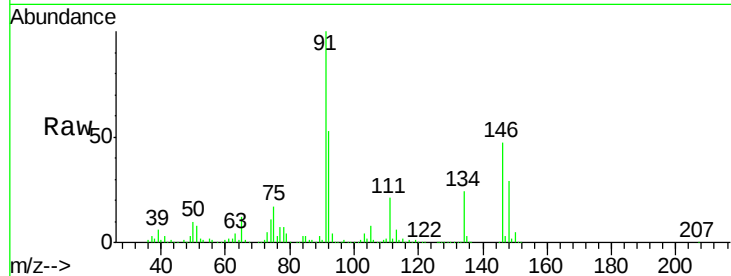
Tot Ion:146 Resp: 109169

Ion Ratio Lower Upper

146 100

111 43.9 21.2 63.6

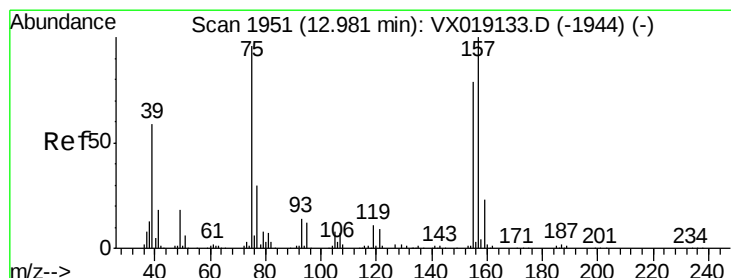
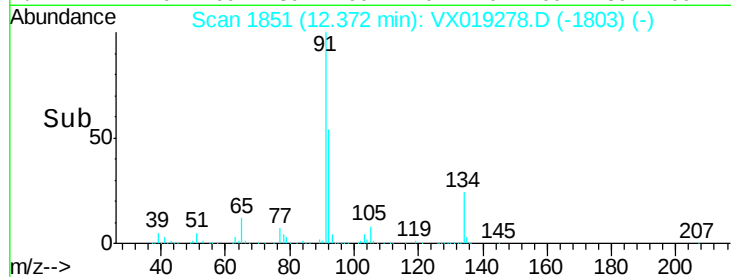
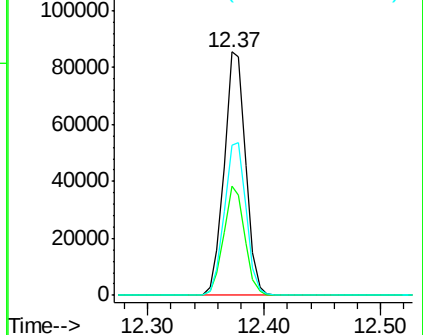
148 63.6 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.947 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

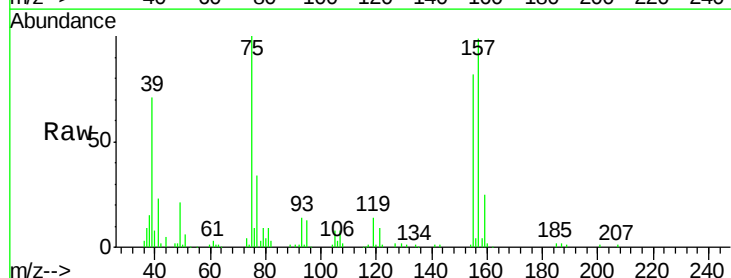
Tgt Ion: 75 Resp: 18524

Ion Ratio Lower Upper

75 100

155 79.4 42.8 128.4

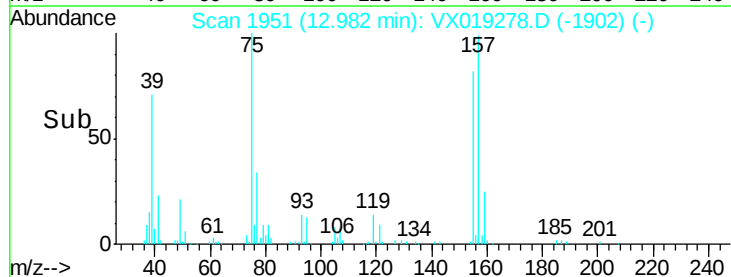
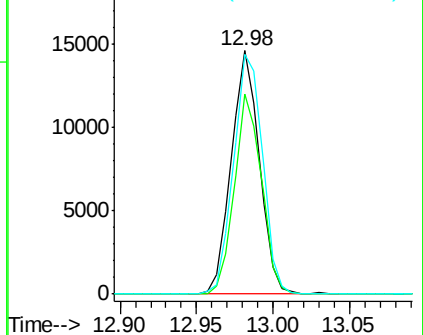
157 101.8 54.8 164.4

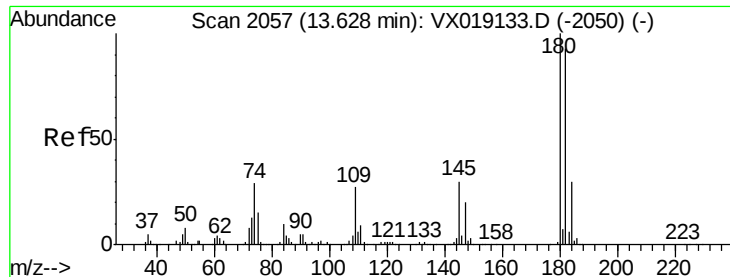


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

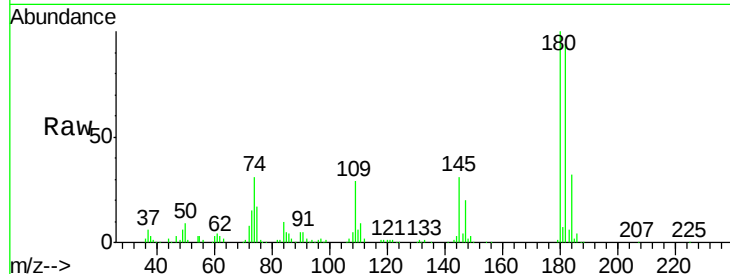




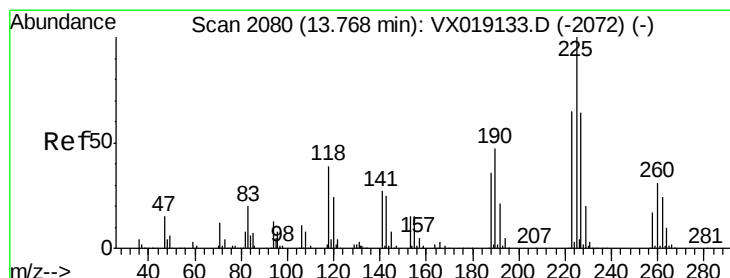
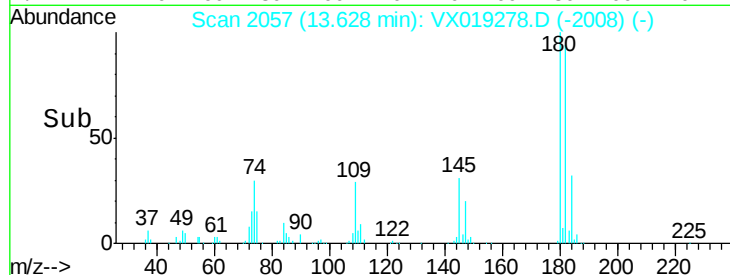
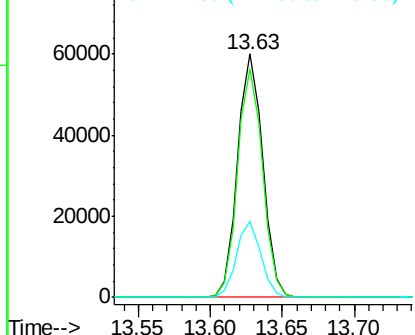
#93
 1,2,4-Trichlorobenzene
 Concen: 16.308 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019278.D
 Acq: 04 Nov 2020 18:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBSD01

Tot Ion:180 Resp: 73344
 Ion Ratio Lower Upper
 180 100
 182 93.1 46.8 140.3
 145 30.6 15.5 46.5

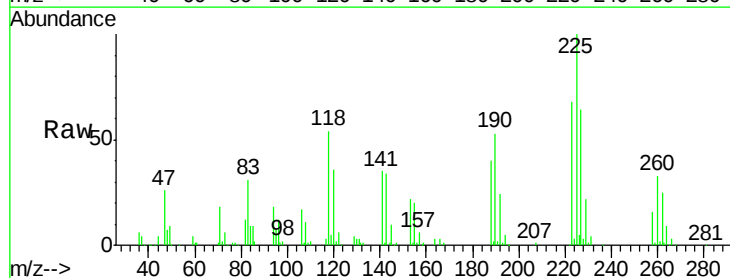


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

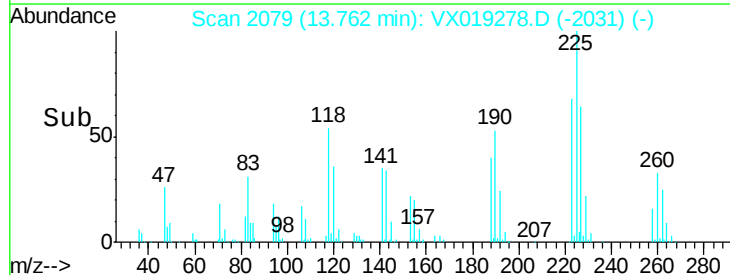
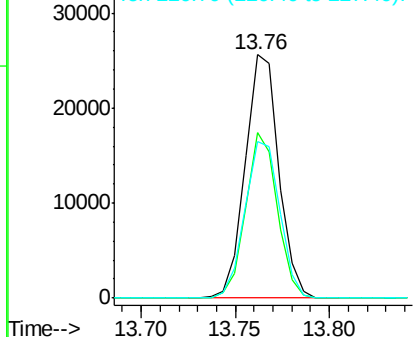


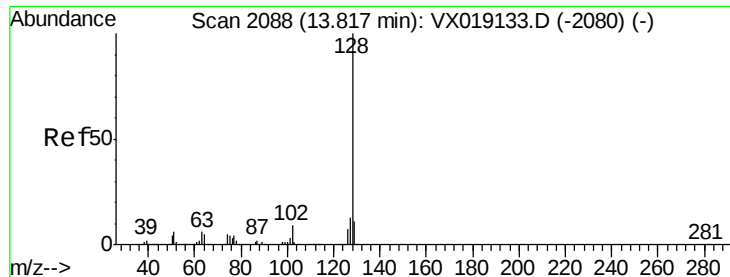
#94
 Hexachlorobutadiene
 Concen: 15.985 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019278.D
 Acq: 04 Nov 2020 18:57

Tgt Ion:225 Resp: 31647
 Ion Ratio Lower Upper
 225 100
 223 63.8 32.4 97.2
 227 66.7 31.6 94.7



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: 16.867 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBSD01

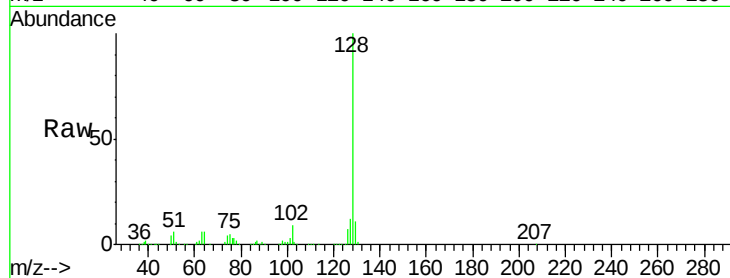
Tot Ion:128 Resp: 238905

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

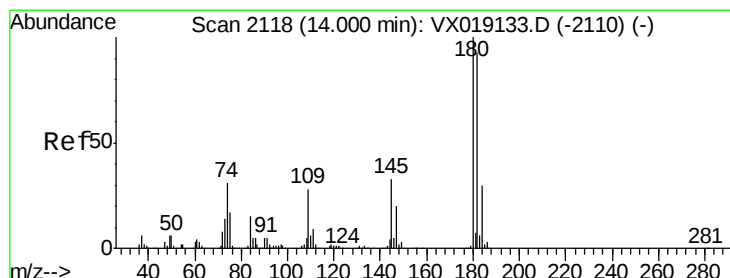
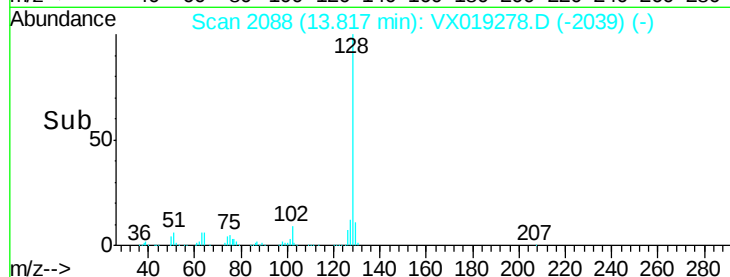
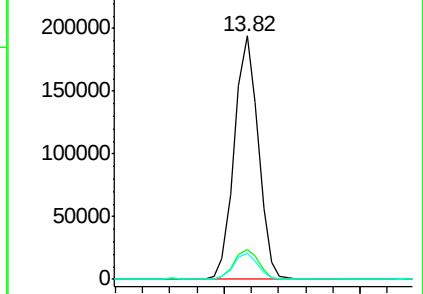
129 10.8 8.6 13.0



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: 16.740 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019278.D

Acq: 04 Nov 2020 18:57

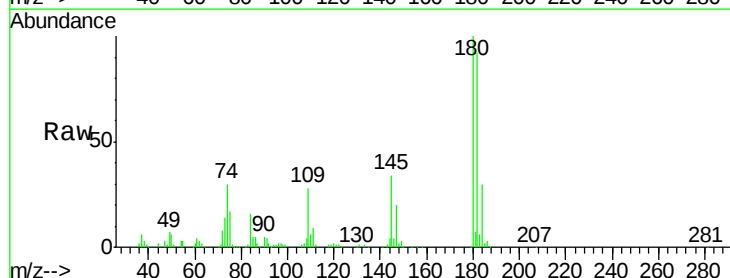
Tgt Ion:180 Resp: 73036

Ion Ratio Lower Upper

180 100

182 92.0 47.8 143.3

145 32.9 16.5 49.5



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

