

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019798.D
 Acq On : 10 Dec 2020 00:19
 Operator : JC/MD
 Sample : VX1209WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

Quant Time: Dec 10 06:44:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	277804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	455302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	420275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	202458	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171219	46.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.78%
35) Dibromofluoromethane	5.46	113	138128	46.94	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.88%
50) Toluene-d8	8.70	98	537784	47.87	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.74%
62) 4-Bromofluorobenzene	11.12	95	197257	46.13	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.26%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	48814	19.192	ug/l 98
3) Chloromethane	1.31	50	50025	16.724	ug/l 99
4) Vinyl Chloride	1.39	62	60300	19.119	ug/l 99
5) Bromomethane	1.62	94	32020	30.575	ug/l 99
6) Chloroethane	1.71	64	38846	20.503	ug/l 100
7) Trichlorofluoromethane	1.92	101	85798	19.533	ug/l 99
8) Diethyl Ether	2.17	74	36103	19.396	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50491	20.055	ug/l 99
10) Methyl Iodide	2.49	142	57827	15.583	ug/l 99
11) Tert butyl alcohol	3.01	59	83757	110.121	ug/l 97
12) 1,1-Dichloroethene	2.36	96	51196	20.114	ug/l 99
13) Acrolein	2.27	56	27087	67.210	ug/l 98
14) Allyl chloride	2.71	41	79745	18.551	ug/l 99
15) Acrylonitrile	3.11	53	167595	101.536	ug/l 99
16) Acetone	2.42	43	131039	95.483	ug/l 99
17) Carbon Disulfide	2.55	76	123824	16.955	ug/l 98
18) Methyl Acetate	2.75	43	71037	21.152	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	184519	19.906	ug/l 100
20) Methylene Chloride	2.83	84	62467	19.058	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	55778	18.797	ug/l 97
22) Diisopropyl ether	3.82	45	174996	20.134	ug/l 93
23) Vinyl Acetate	3.78	43	734548	99.200	ug/l 99
24) 1,1-Dichloroethane	3.67	63	103745	19.794	ug/l 99
25) 2-Butanone	4.63	43	210713	99.921	ug/l 100
26) 2,2-Dichloropropane	4.55	77	74174	16.434	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	67089	19.319	ug/l 98
28) Bromochloromethane	4.98	49	49616	19.858	ug/l 100
29) Tetrahydrofuran	5.09	42	135811	99.959	ug/l 99
30) Chloroform	5.17	83	106550	19.771	ug/l 99
31) Cyclohexane	5.54	56	87609	19.290	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	91627	19.743	ug/l 99
36) 1,1-Dichloropropene	5.77	75	77649	18.873	ug/l 99
37) Ethyl Acetate	4.79	43	80627	19.409	ug/l 100
38) Carbon Tetrachloride	5.75	117	76764	19.053	ug/l 99

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Quant Time: Dec 10 06:44:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	89145	18.442	ug/l	98
40) Benzene	6.11	78	242108	19.264	ug/l	99
41) Methacrylonitrile	4.99	41	45283	19.854	ug/l	99
42) 1,2-Dichloroethane	6.16	62	84884	19.768	ug/l	100
43) Isopropyl Acetate	6.41	43	129184	19.128	ug/l	99
44) Trichloroethene	7.19	130	62318	18.899	ug/l	98
45) 1,2-Dichloropropane	7.49	63	61964	19.727	ug/l	97
46) Dibromomethane	7.63	93	41920	19.763	ug/l	98
47) Bromodichloromethane	7.87	83	80390	19.099	ug/l	98
48) Methyl methacrylate	7.74	41	63201	19.028	ug/l	99
49) 1,4-Dioxane	7.71	88	31695	393.912	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	414328	100.485	ug/l	99
52) Toluene	8.76	92	151689	19.298	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	84085	18.002	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	93516	18.429	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	62549	19.746	ug/l	98
56) Ethyl methacrylate	9.16	69	91338	19.058	ug/l	99
57) 1,3-Dichloropropane	9.35	76	104840	19.383	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	249795	98.387	ug/l	99
59) 2-Hexanone	9.47	43	315702	98.777	ug/l	99
60) Dibromochloromethane	9.56	129	60954	18.940	ug/l	98
61) 1,2-Dibromoethane	9.65	107	65607	19.505	ug/l	99
64) Tetrachloroethene	9.32	164	55898	19.833	ug/l	97
65) Chlorobenzene	10.12	112	161154	19.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	59387	19.706	ug/l	100
67) Ethyl Benzene	10.23	91	285437	19.205	ug/l	99
68) m/p-Xylenes	10.34	106	214109	38.231	ug/l	100
69) o-Xylene	10.68	106	102630	19.050	ug/l	99
70) Styrene	10.70	104	173065	19.032	ug/l	100
71) Bromoform	10.84	173	44525	18.781	ug/l #	99
73) Isopropylbenzene	11.00	105	275256	19.900	ug/l	100
74) N-amyl acetate	10.88	43	104861	18.918	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	99152	20.332	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	108508	23.896	ug/l	88
77) Bromobenzene	11.24	156	69447	19.619	ug/l	99
78) n-propylbenzene	11.34	91	311207	19.699	ug/l	100
79) 2-Chlorotoluene	11.40	91	192362	19.773	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	230022	19.704	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	27251	17.349	ug/l	96
82) 4-Chlorotoluene	11.49	91	220839	19.382	ug/l	99
83) tert-Butylbenzene	11.76	119	226765	19.807	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	234066	19.905	ug/l	100
85) sec-Butylbenzene	11.93	105	260691	19.943	ug/l	99
86) p-Isopropyltoluene	12.05	119	232901	19.441	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	123140	18.954	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	124826	18.864	ug/l	99
89) n-Butylbenzene	12.37	91	197151	18.575	ug/l	99
90) Hexachloroethane	12.58	117	38692	18.708	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	123008	19.423	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20824	19.864	ug/l	95

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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

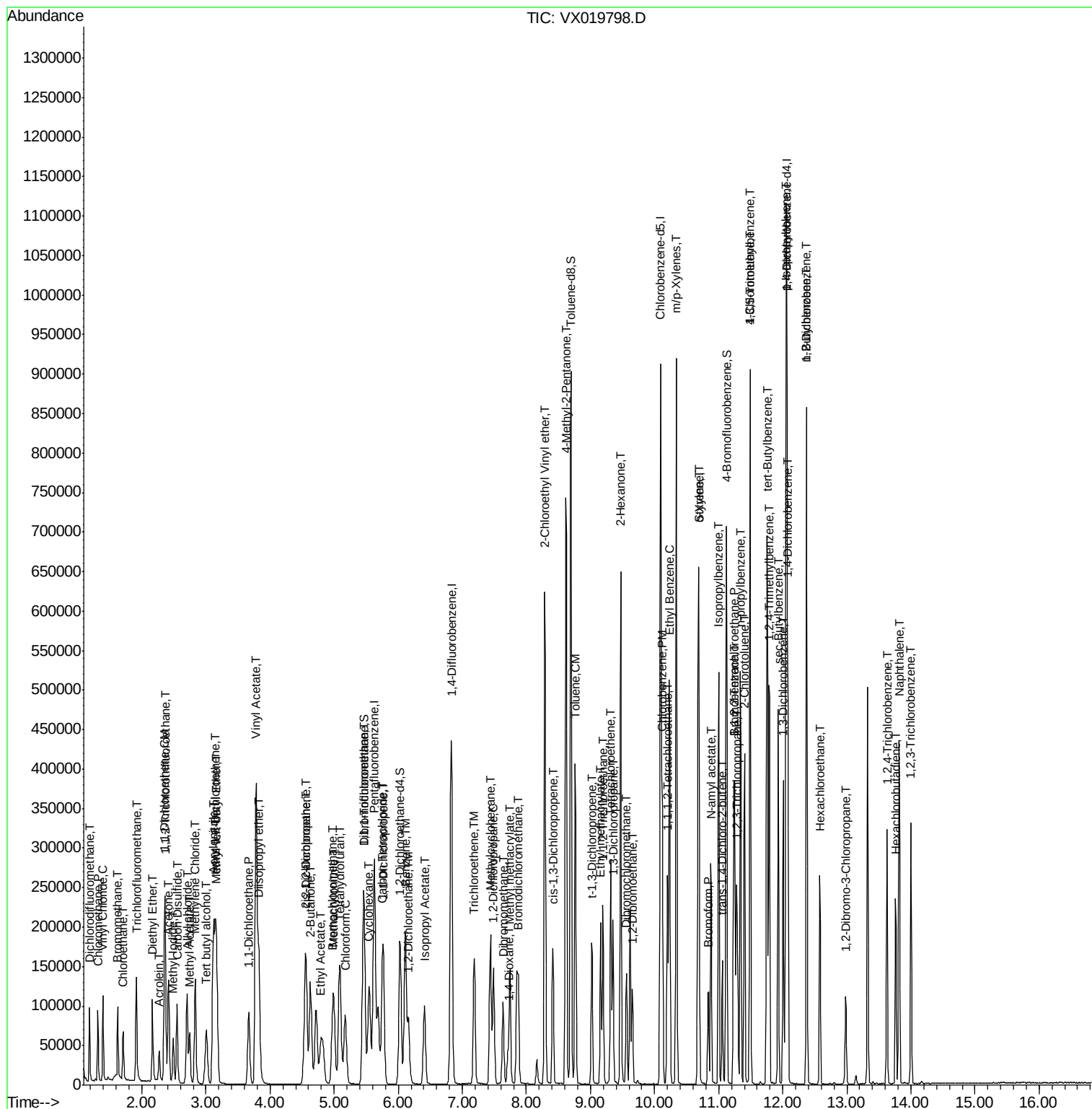
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	79270	19.228	ug/l	99
94) Hexachlorobutadiene	13.76	225	34205	18.563	ug/l	98
95) Naphthalene	13.82	128	270286	20.223	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	79946	19.843	ug/l	98

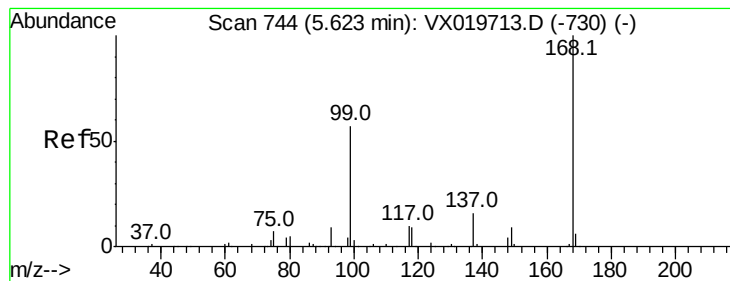
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120920\
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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

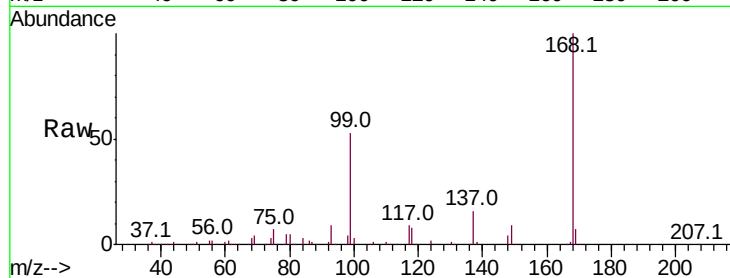
VX1209WBSD02

Tot Ion:168 Resp: 277804

Ion Ratio Lower Upper

168 100

99 53.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

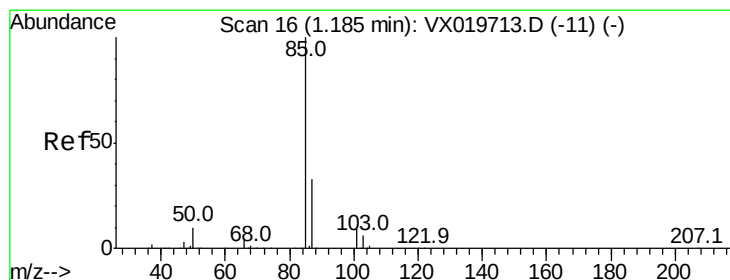
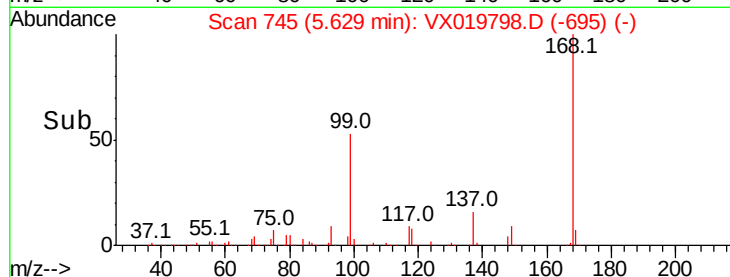
20000

0

5.50 5.60 5.70 5.80

5.63

Time-->



#2

Dichlorodifluoromethane

Concen: 19.192 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019798.D

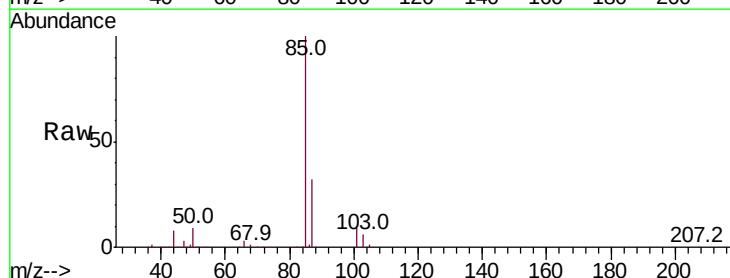
Acq: 10 Dec 2020 00:19

Tgt Ion: 85 Resp: 48814

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

30000

20000

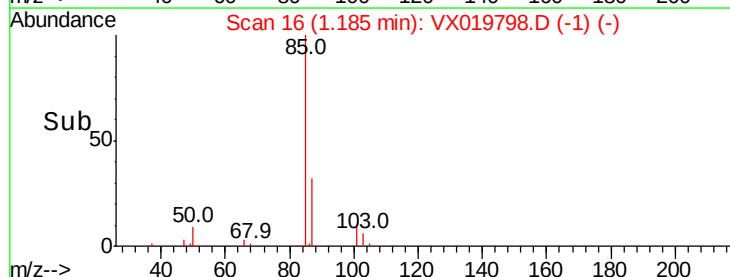
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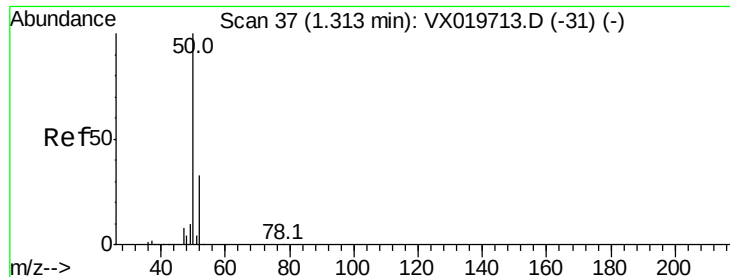
0

1.15 1.20 1.25

1.18

Time-->





#3

Chloromethane

Concen: 16.724 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

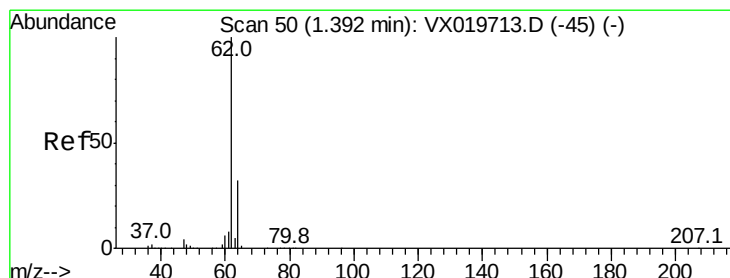
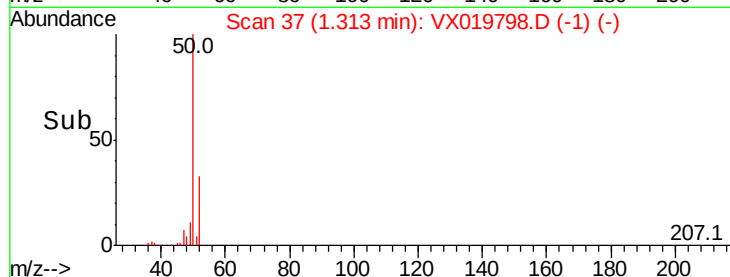
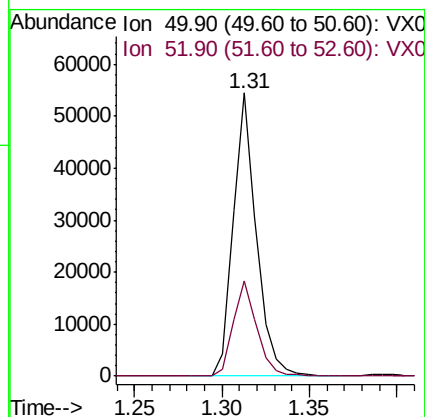
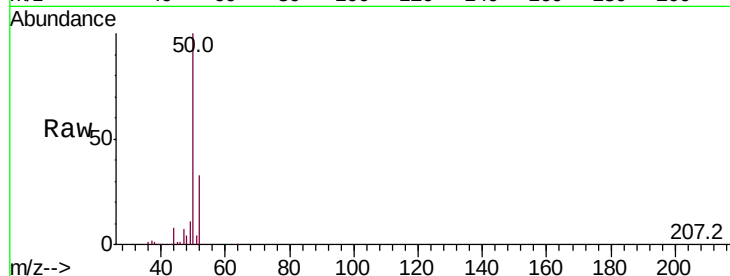
VX1209WBSD02

Tot Ion: 50 Resp: 50025

Ion Ratio Lower Upper

50 100

52 33.5 26.4 39.6



#4

Vinyl Chloride

Concen: 19.119 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019798.D

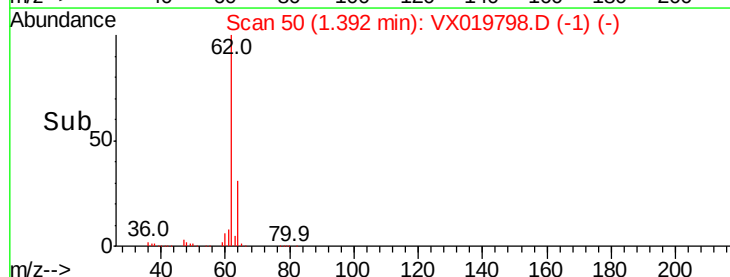
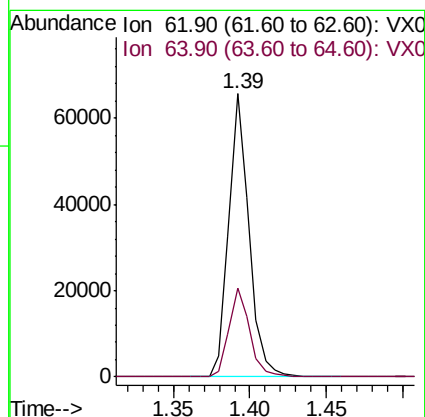
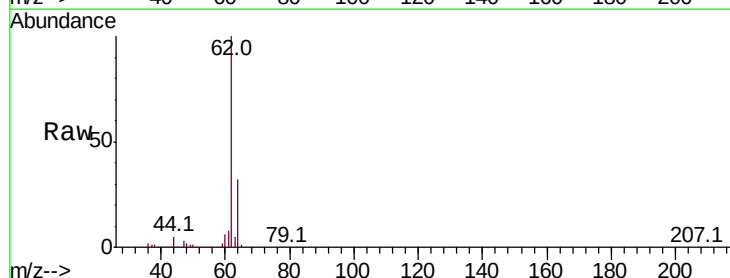
Acq: 10 Dec 2020 00:19

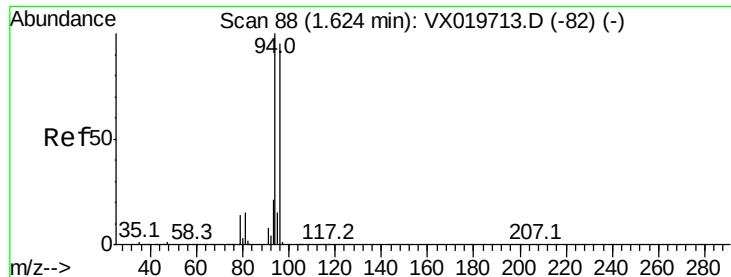
Tgt Ion: 62 Resp: 60300

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 30.575 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

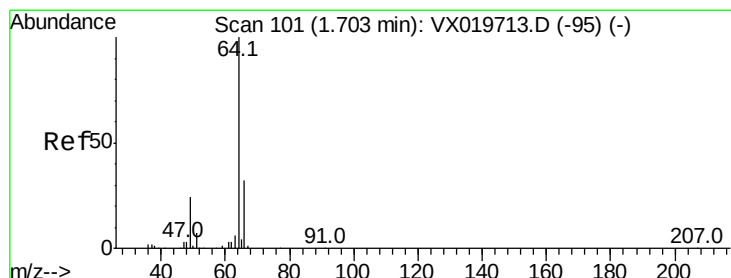
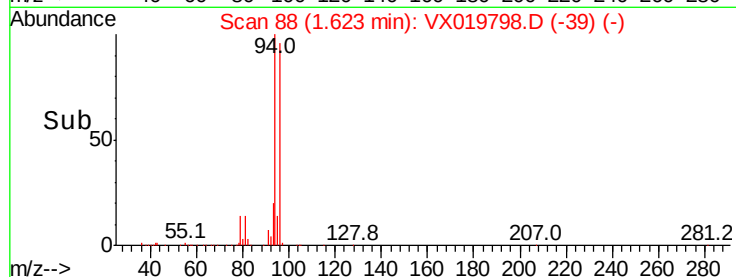
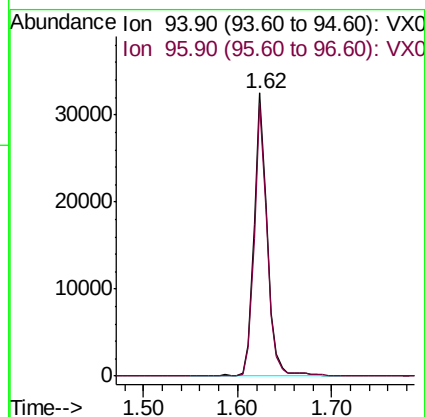
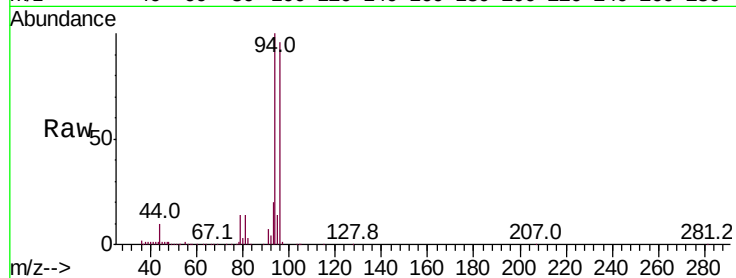
VX1209WBSD02

Tot Ion: 94 Resp: 32020

Ion Ratio Lower Upper

94 100

96 96.1 76.4 114.6



#6

Chloroethane

Concen: 20.503 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019798.D

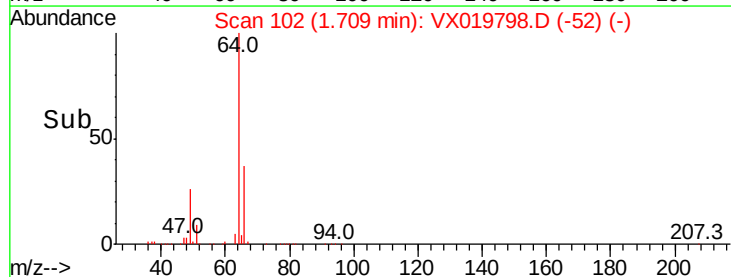
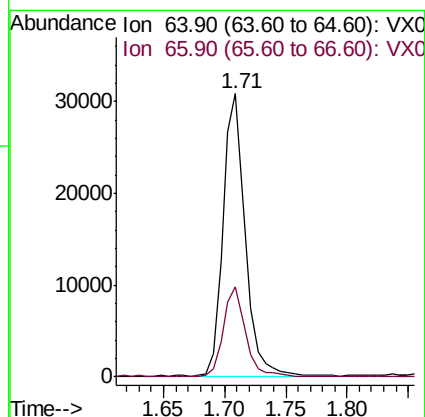
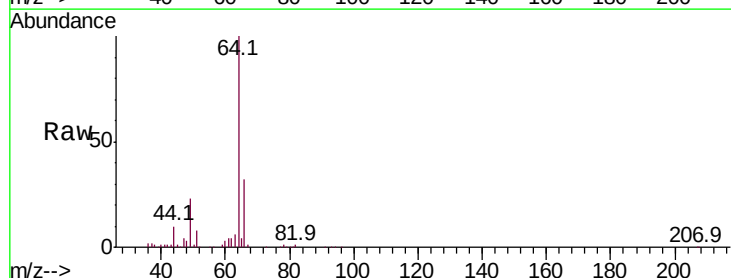
Acq: 10 Dec 2020 00:19

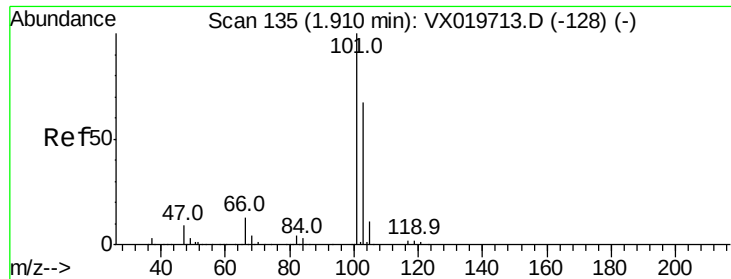
Tgt Ion: 64 Resp: 38846

Ion Ratio Lower Upper

64 100

66 31.8 25.4 38.0



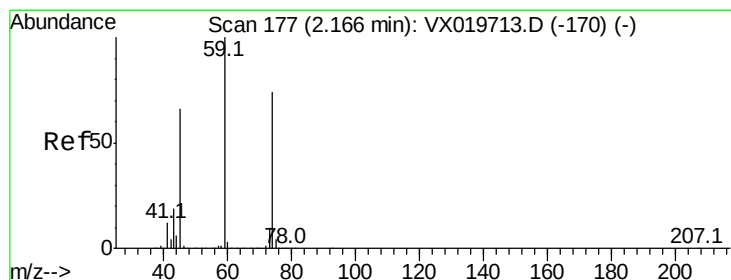
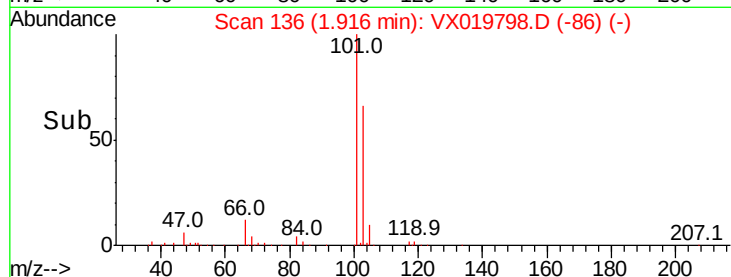
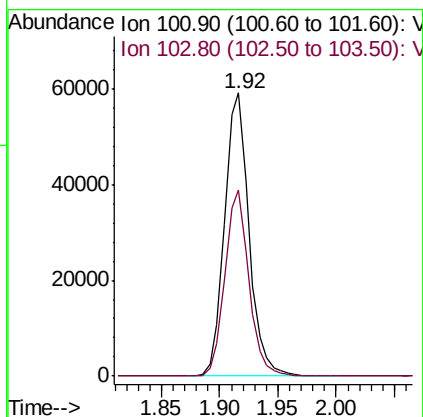
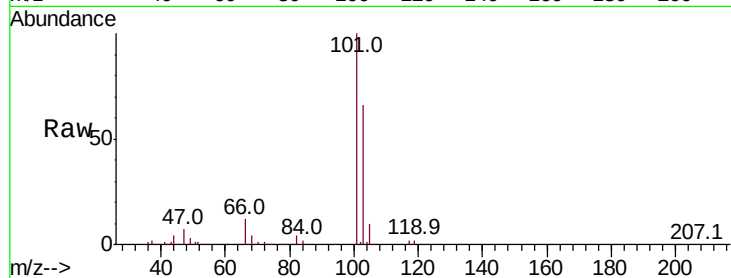


#7

Trichlorofluoromethane
Concen: 19.533 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

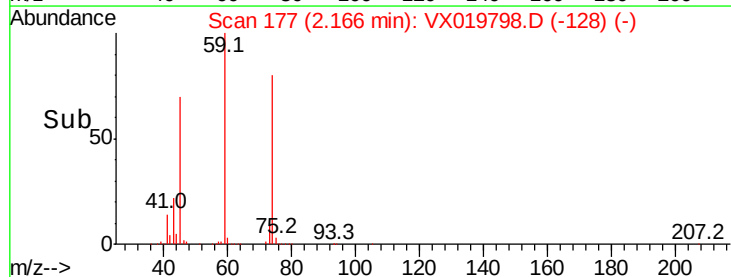
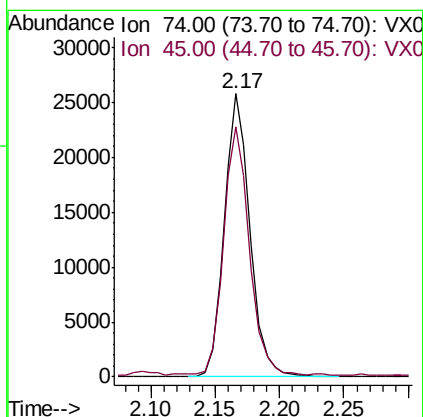
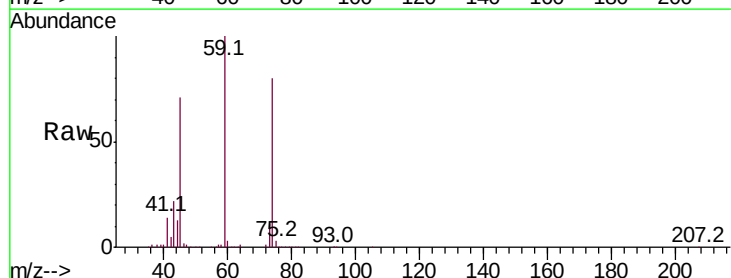
Tot Ion:101 Resp: 85798
Ion Ratio Lower Upper
101 100
103 65.7 53.2 79.8

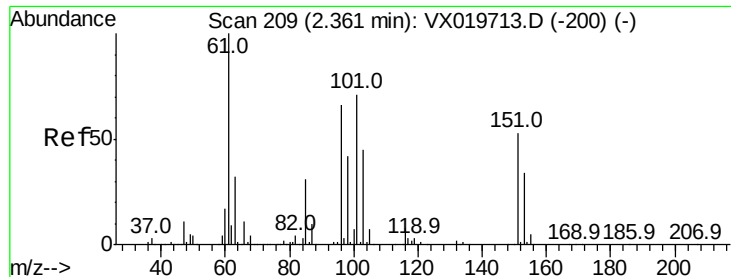


#8

Diethyl Ether
Concen: 19.396 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion: 74 Resp: 36103
Ion Ratio Lower Upper
74 100
45 88.0 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.055 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

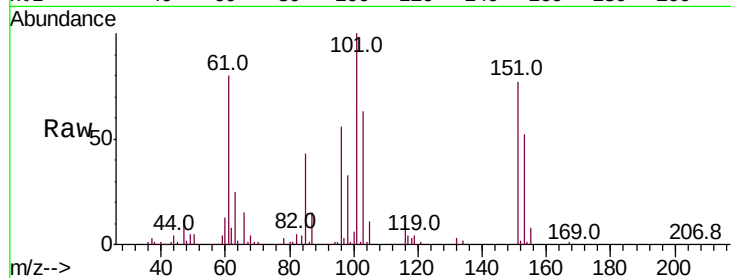
Tot Ion:101 Resp: 50491

Ion Ratio Lower Upper

101 100

85 42.9 34.9 52.3

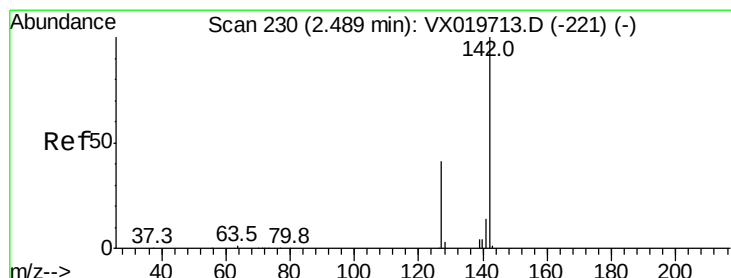
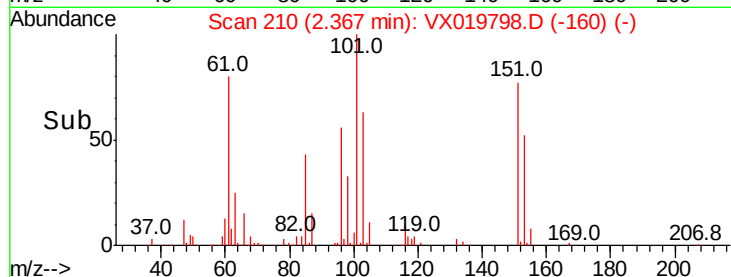
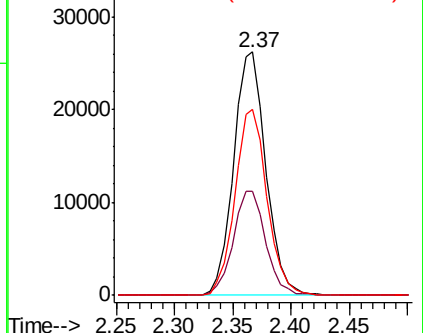
151 76.2 61.4 92.2



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: 15.583 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

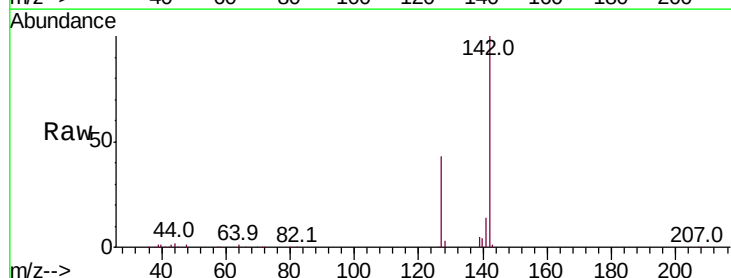
Tgt Ion:142 Resp: 57827

Ion Ratio Lower Upper

142 100

127 41.1 33.3 49.9

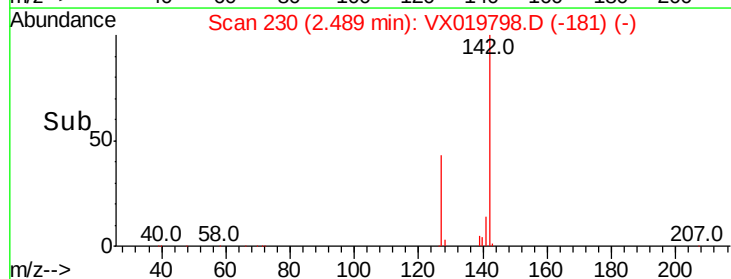
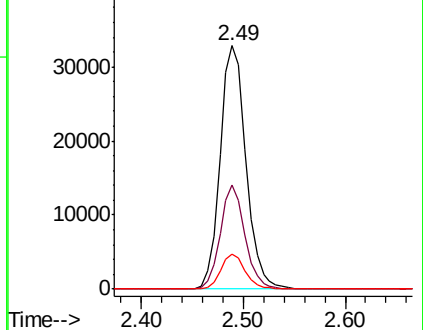
141 13.6 11.4 17.0

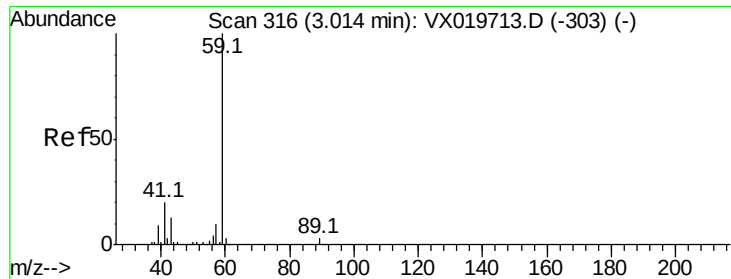


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



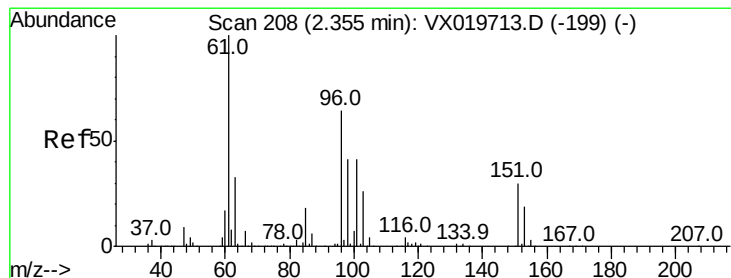
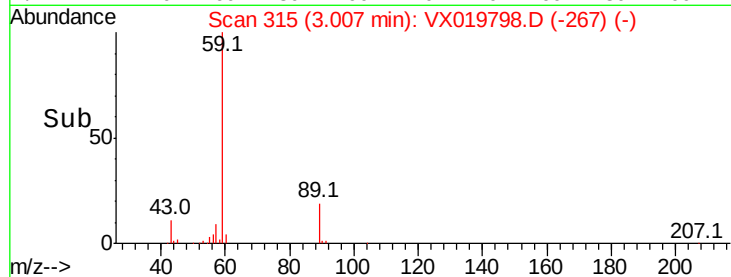
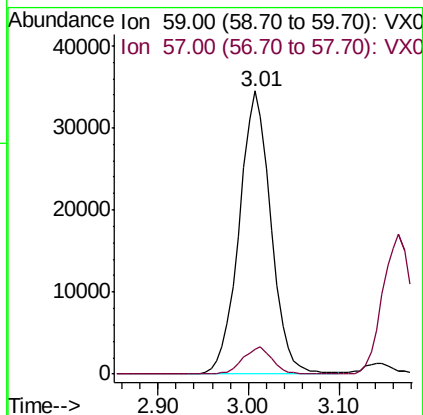
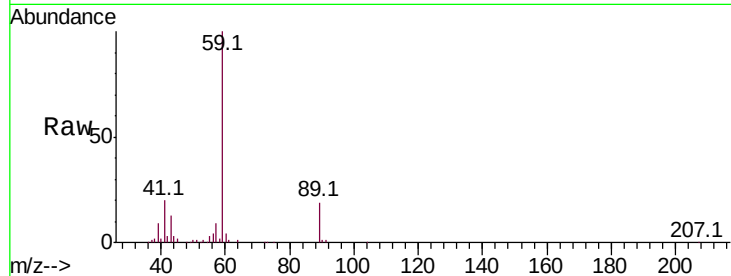


#11

Tert butyl alcohol
Concen: 110.121 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

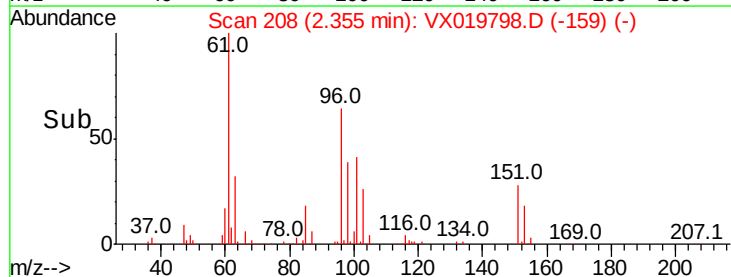
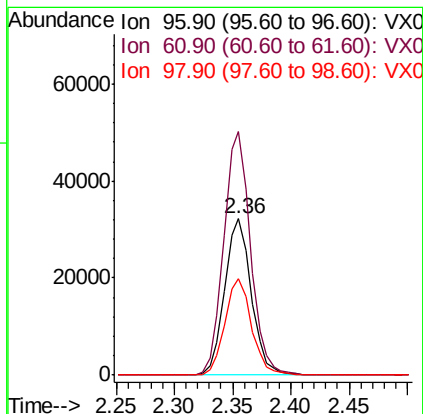
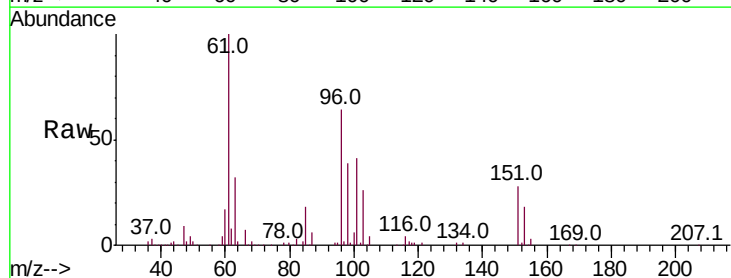
Tot Ion: 59 Resp: 83757
Ion Ratio Lower Upper
59 100
57 8.8 7.8 11.8

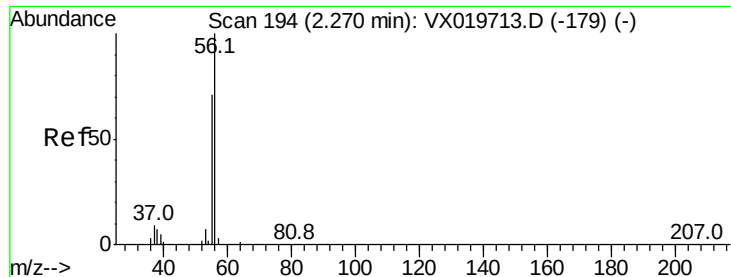


#12

1,1-Dichloroethene
Concen: 20.114 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion: 96 Resp: 51196
Ion Ratio Lower Upper
96 100
61 155.5 124.6 187.0
98 61.2 50.6 76.0





#13

Acrolein

Concen: 67.210 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

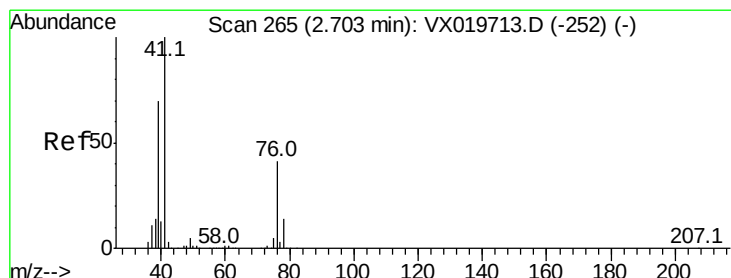
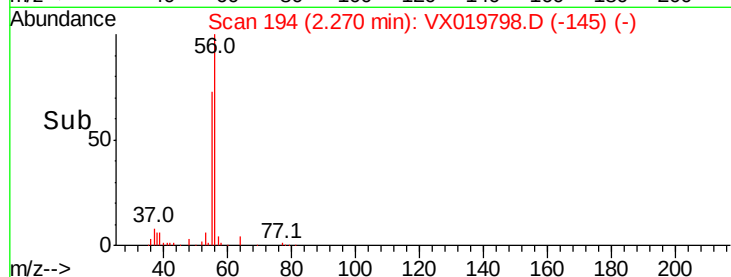
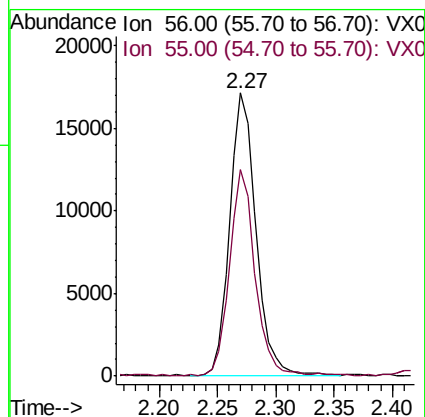
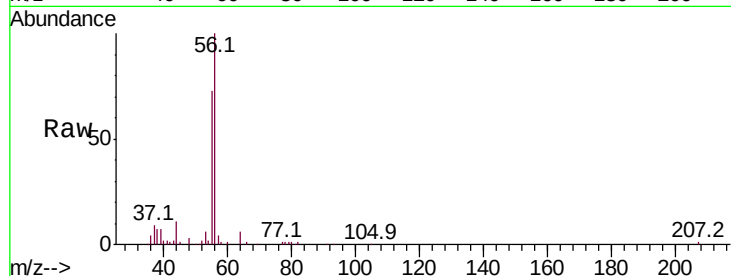
VX1209WBSD02

Tot Ion: 56 Resp: 27087

Ion Ratio Lower Upper

56 100

55 72.1 56.4 84.6



#14

Allyl chloride

Concen: 18.551 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

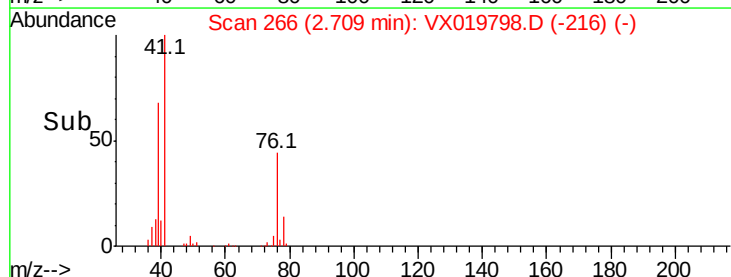
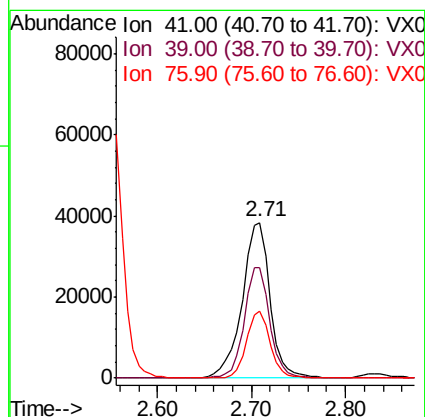
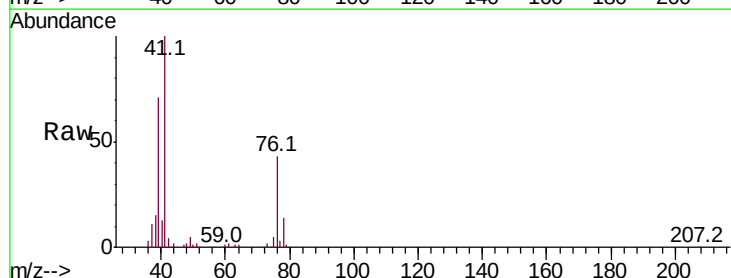
Tgt Ion: 41 Resp: 79745

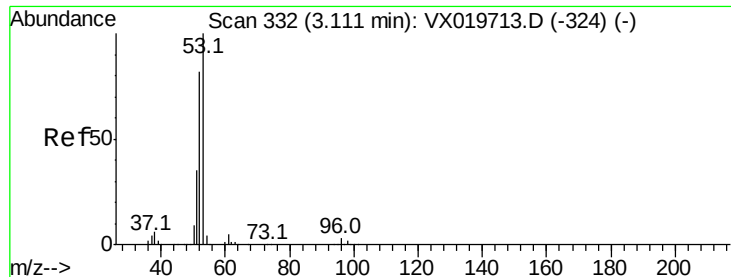
Ion Ratio Lower Upper

41 100

39 65.0 51.6 77.4

76 36.5 30.5 45.7





#15

Acrylonitrile

Concen: 101.536 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

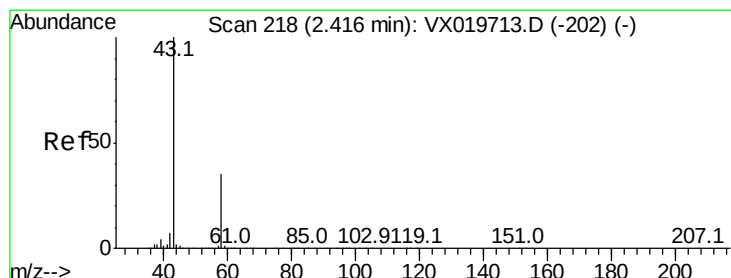
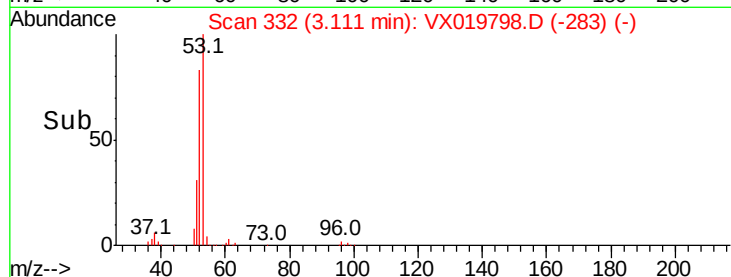
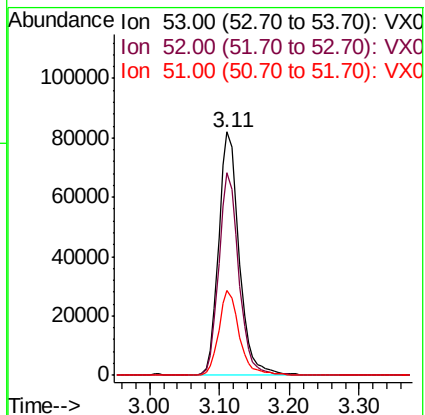
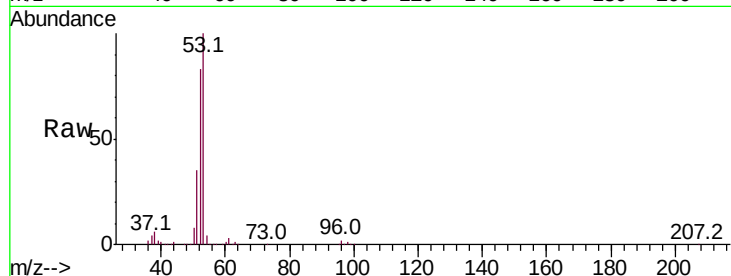
Tot Ion: 53 Resp: 167595

Ion Ratio Lower Upper

53 100

52 81.0 65.3 97.9

51 35.1 28.2 42.2



#16

Acetone

Concen: 95.483 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019798.D

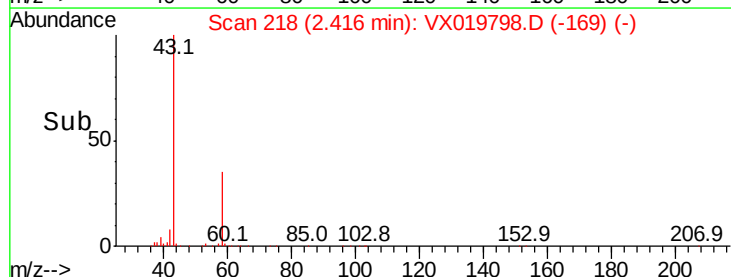
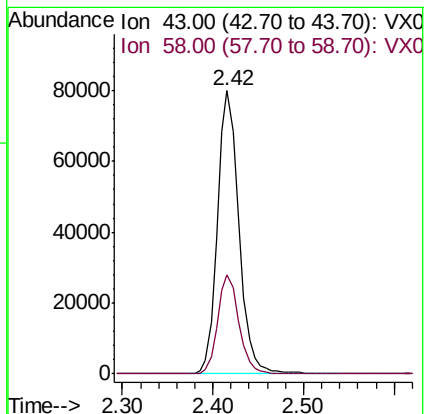
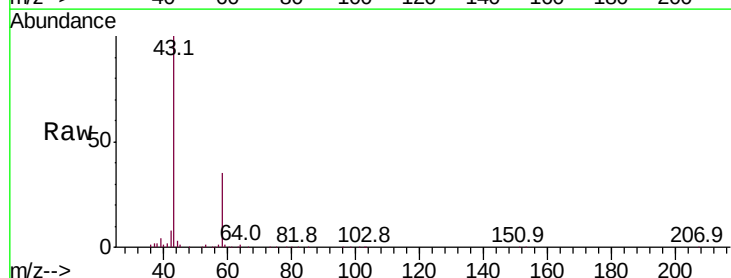
Acq: 10 Dec 2020 00:19

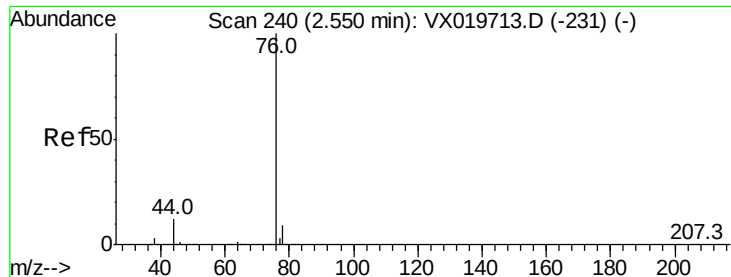
Tgt Ion: 43 Resp: 131039

Ion Ratio Lower Upper

43 100

58 35.1 27.8 41.8

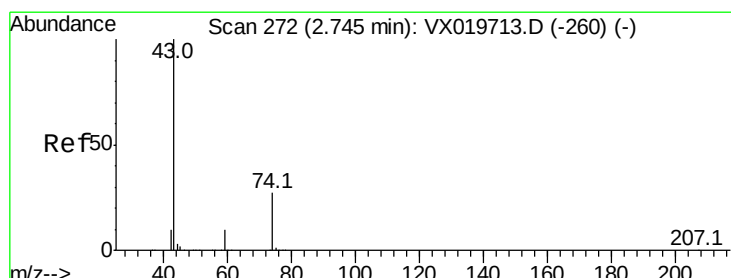
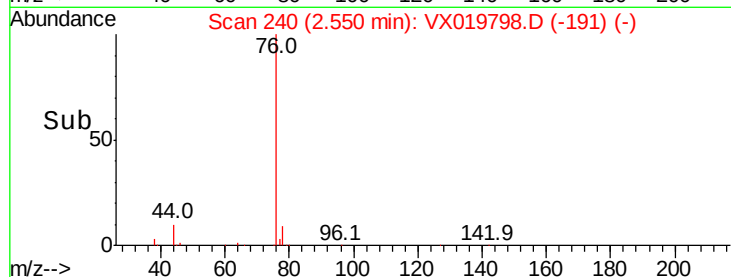
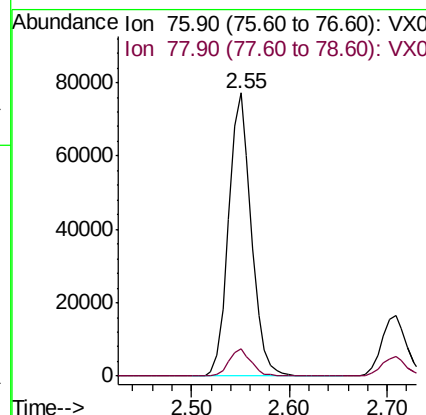
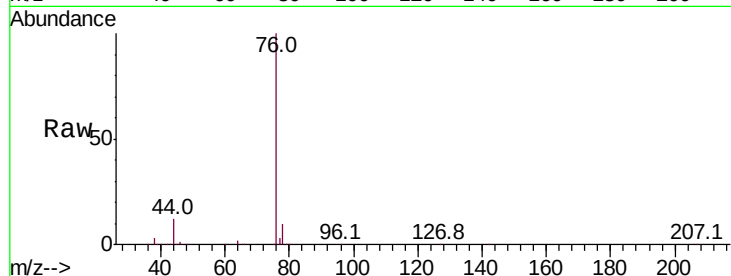




#17
Carbon Disulfide
Concen: 16.955 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

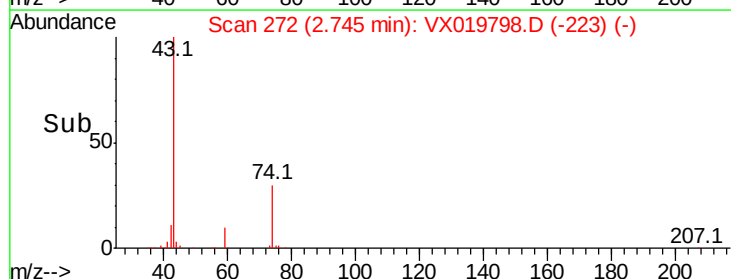
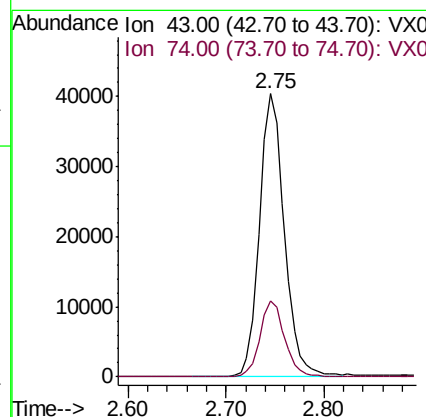
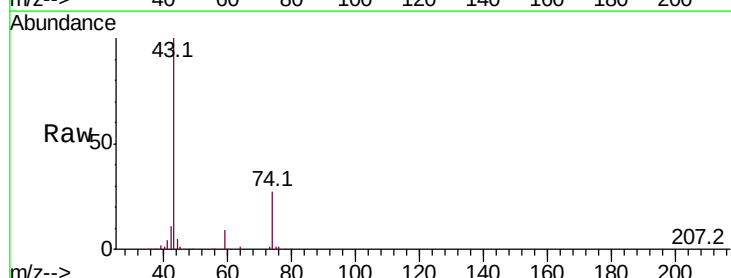
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

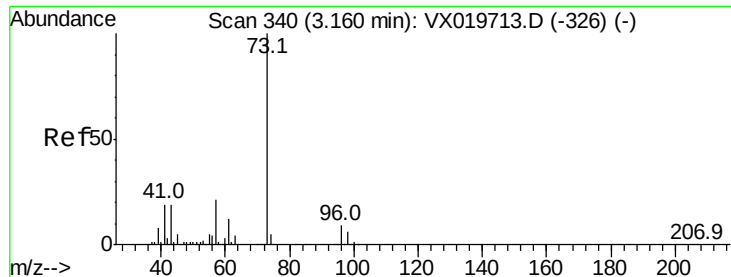
Tot Ion: 76 Resp: 123824
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#18
Methyl Acetate
Concen: 21.152 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion: 43 Resp: 71037
Ion Ratio Lower Upper
43 100
74 27.2 21.9 32.9



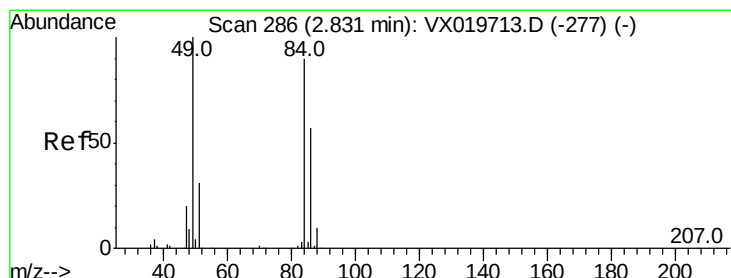
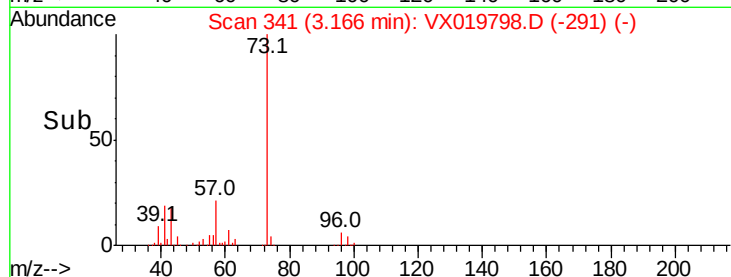
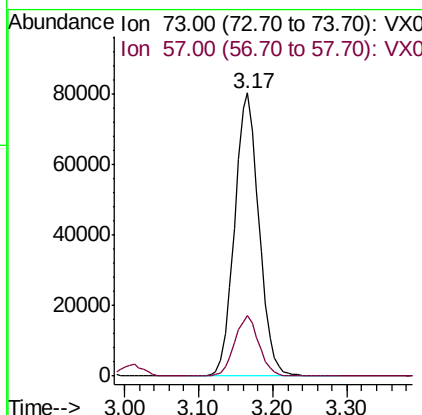
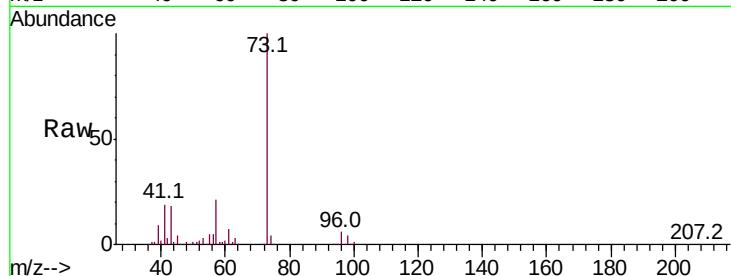


#19

Methyl tert-butyl Ether
 Concen: 19.906 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

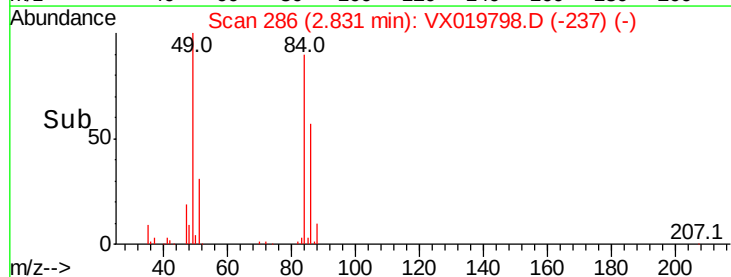
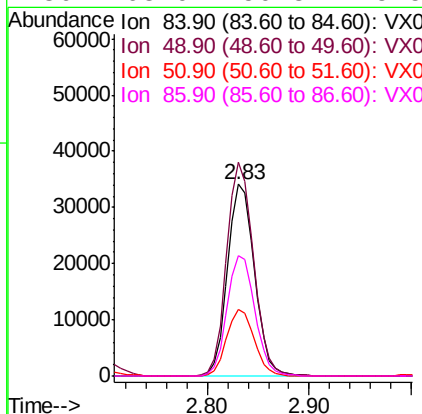
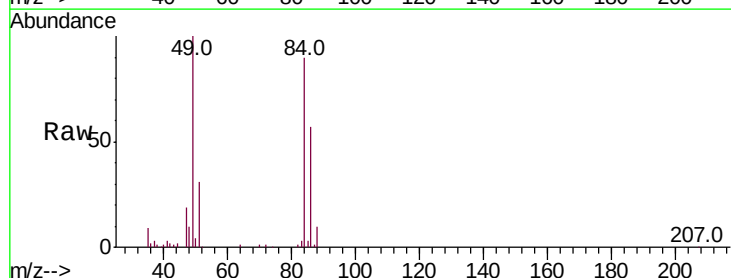
Tot Ion: 73 Resp: 184519
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.1 25.7

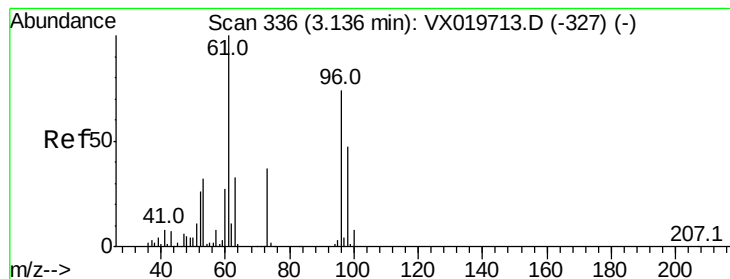


#20

Methylene Chloride
 Concen: 19.058 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

Tgt Ion: 84 Resp: 62467
 Ion Ratio Lower Upper
 84 100
 49 111.3 88.6 132.8
 51 34.6 27.0 40.6
 86 63.0 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 18.797 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

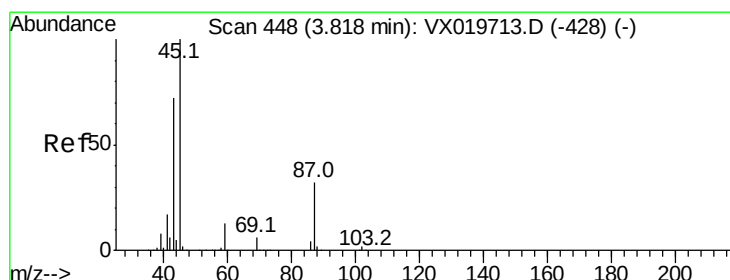
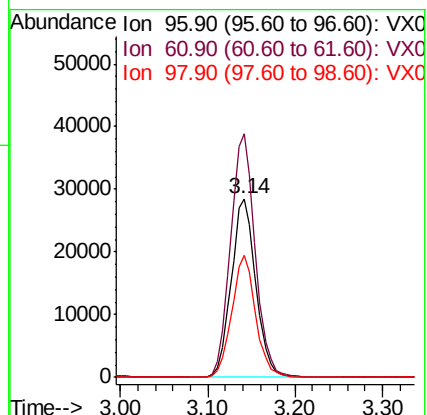
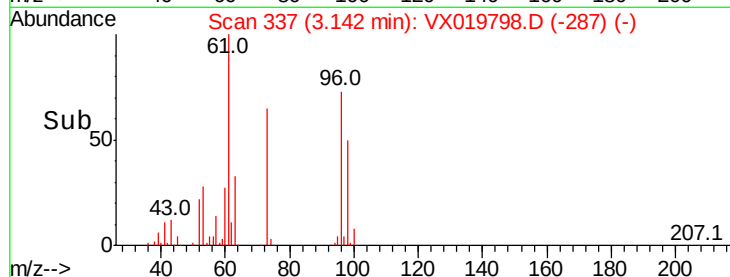
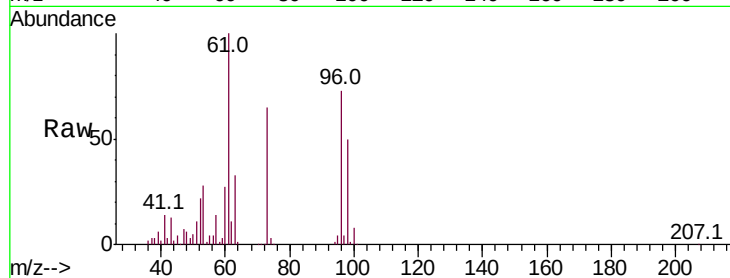
Tot Ion: 96 Resp: 55778

Ion Ratio Lower Upper

96 100

61 136.3 107.7 161.5

98 68.6 50.4 75.6



#22

Diisopropyl ether

Concen: 20.134 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Tgt Ion: 45 Resp: 174996

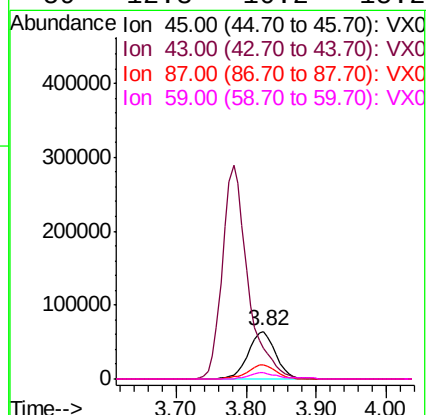
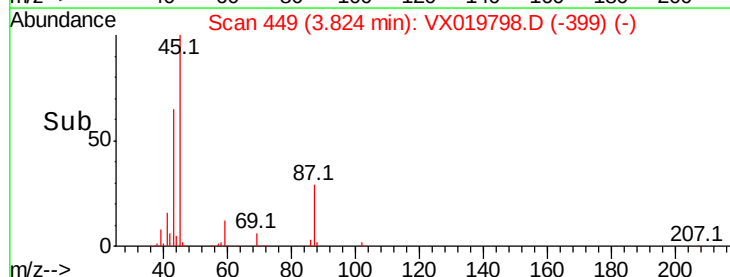
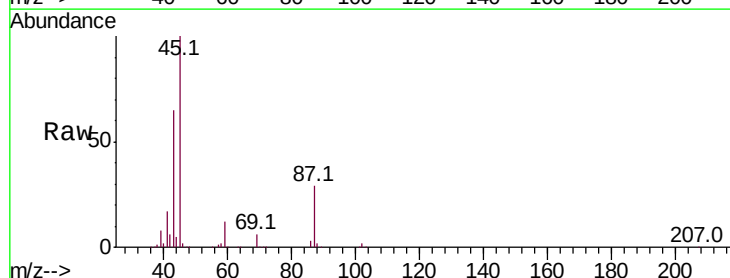
Ion Ratio Lower Upper

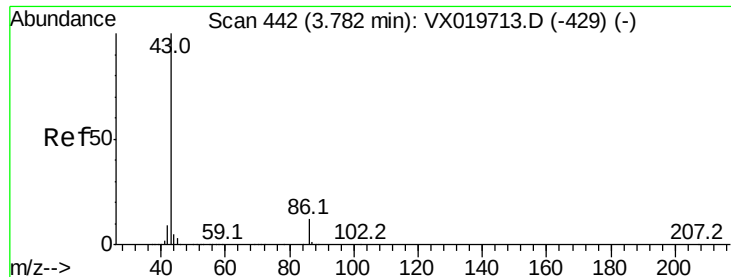
45 100

43 64.8 58.0 87.0

87 29.0 25.4 38.0

59 12.3 10.2 15.2





#23

Vinyl Acetate

Concen: 99.200 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

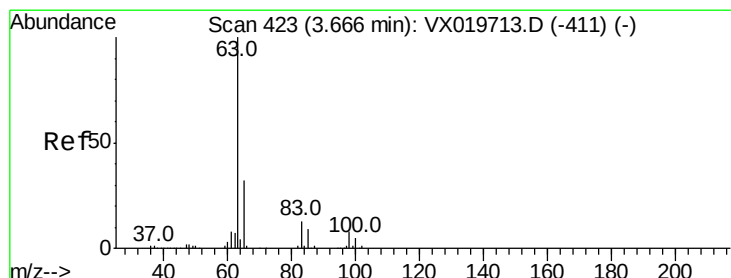
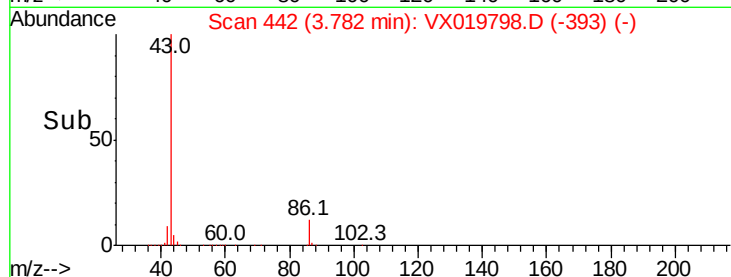
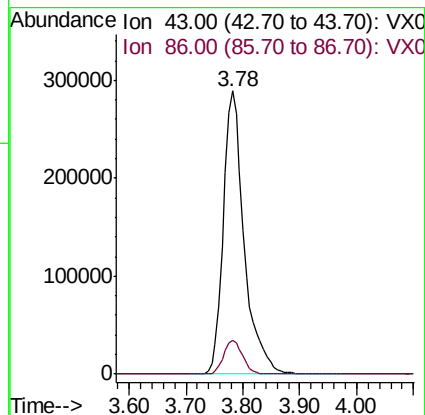
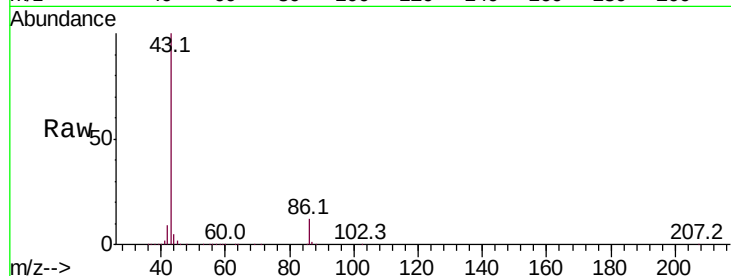
VX1209WBSD02

Tot Ion: 43 Resp: 734548

Ion Ratio Lower Upper

43 100

86 12.0 9.9 14.9



#24

1,1-Dichloroethane

Concen: 19.794 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

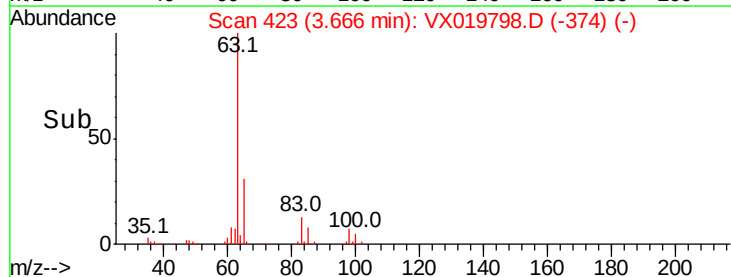
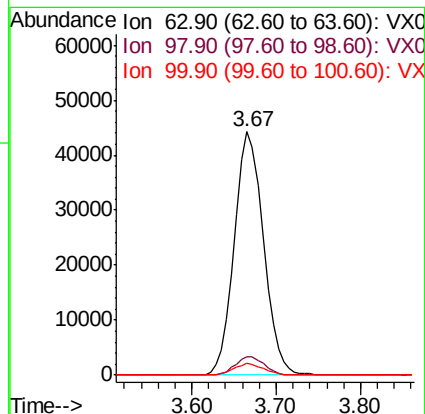
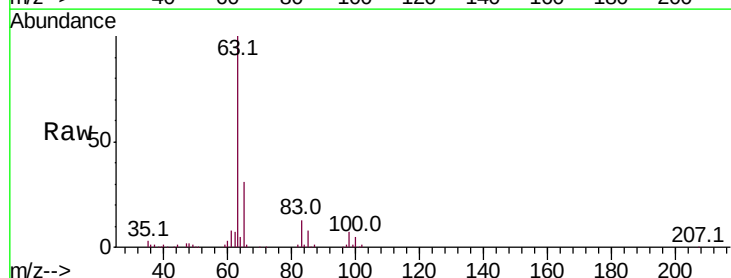
Tgt Ion: 63 Resp: 103745

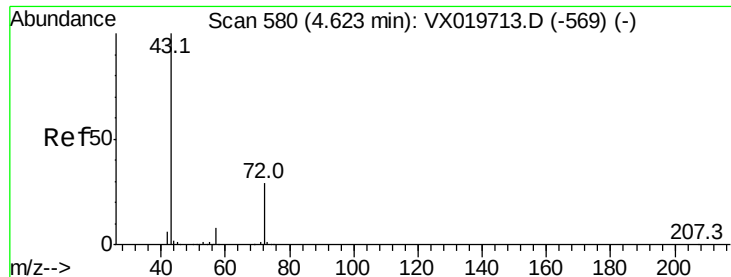
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.2

100 4.7 2.5 7.5





#25

2-Butanone

Concen: 99.921 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

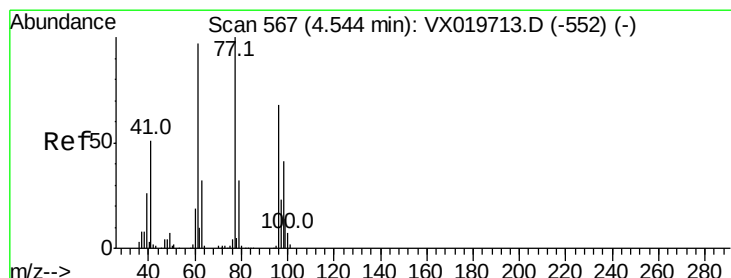
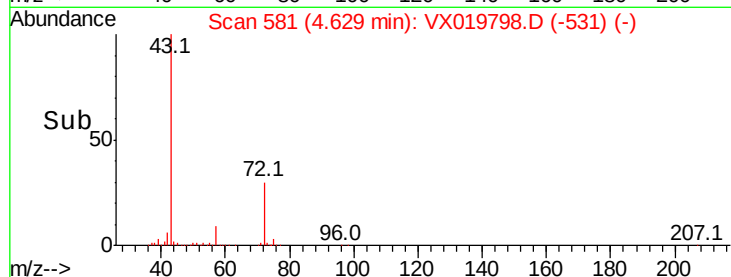
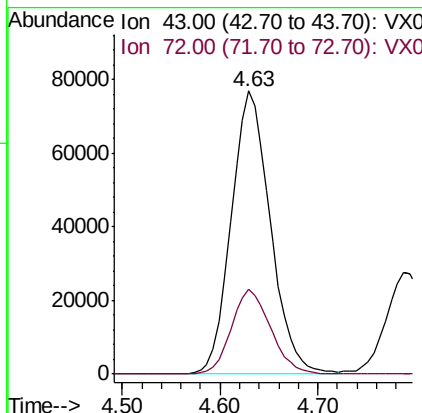
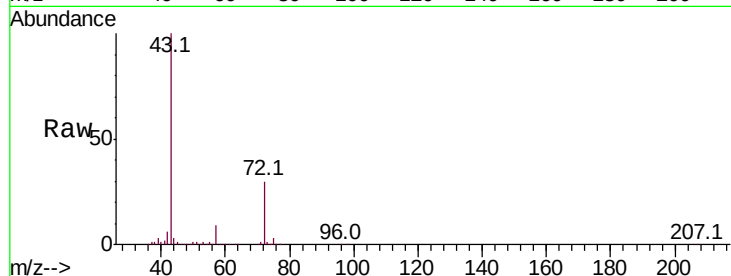
VX1209WBSD02

Tot Ion: 43 Resp: 210713

Ion Ratio Lower Upper

43 100

72 29.7 23.7 35.5



#26

2,2-Dichloropropane

Concen: 16.434 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019798.D

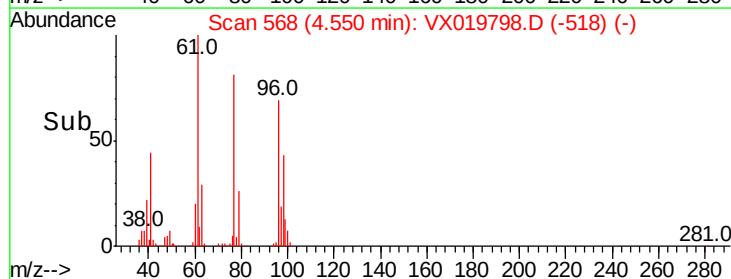
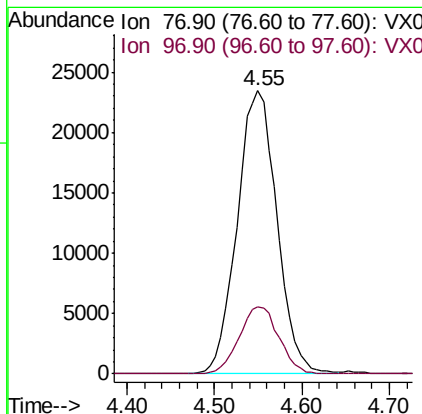
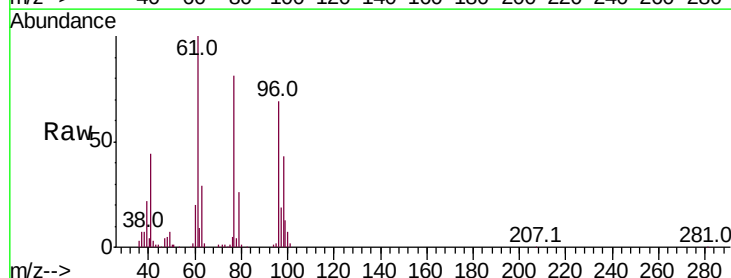
Acq: 10 Dec 2020 00:19

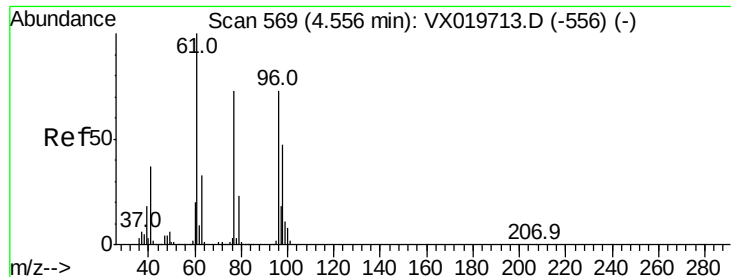
Tgt Ion: 77 Resp: 74174

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.1



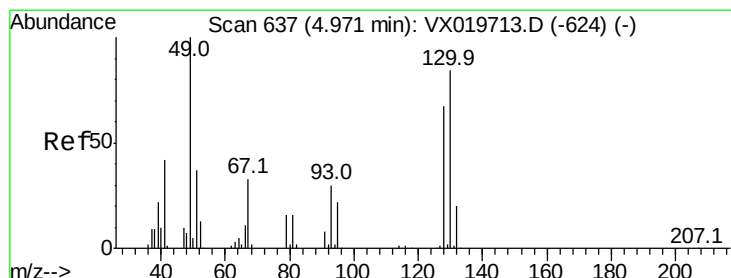
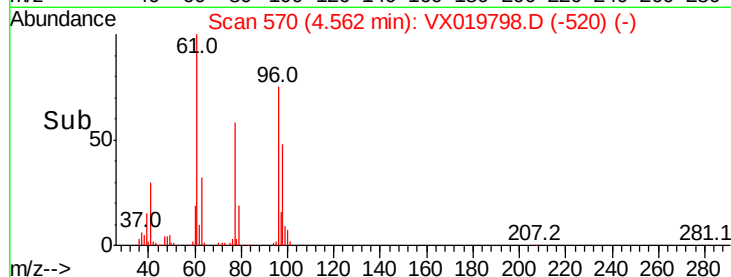
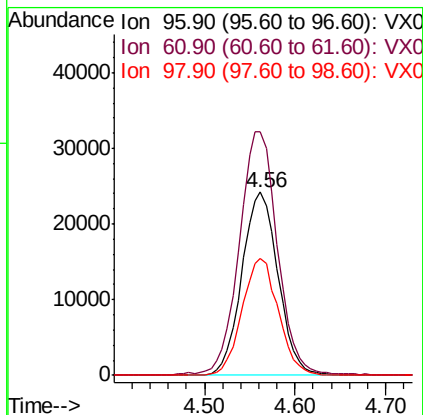
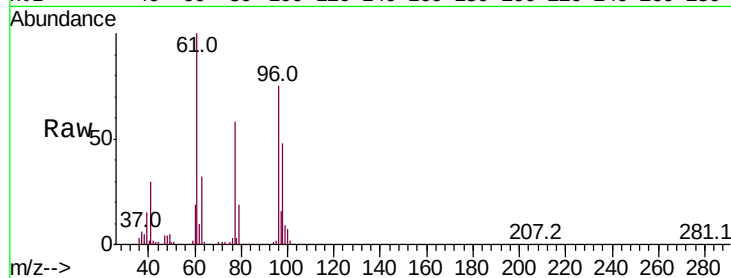


#27

cis-1,2-Dichloroethene
Concen: 19.319 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

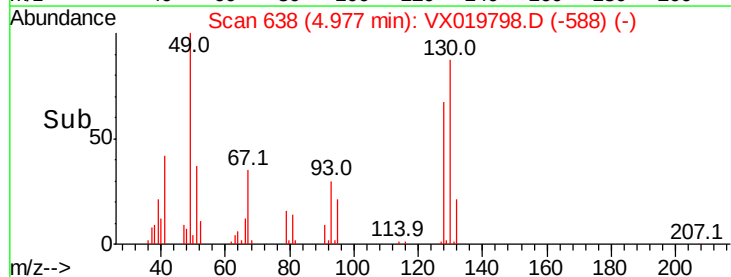
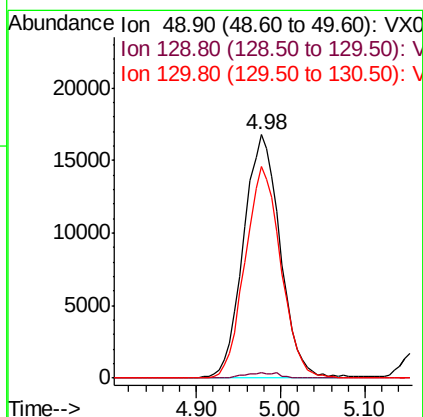
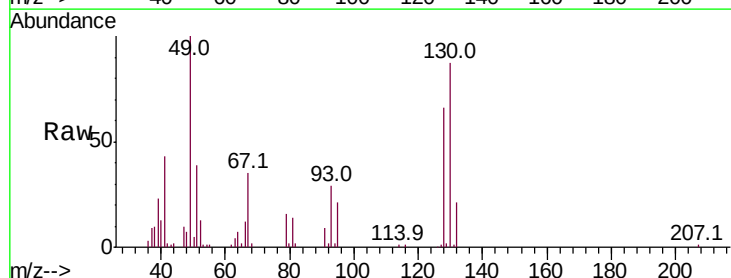
Tot Ion: 96 Resp: 67089
Ion Ratio Lower Upper
96 100
61 140.7 0.0 285.6
98 63.8 0.0 129.6

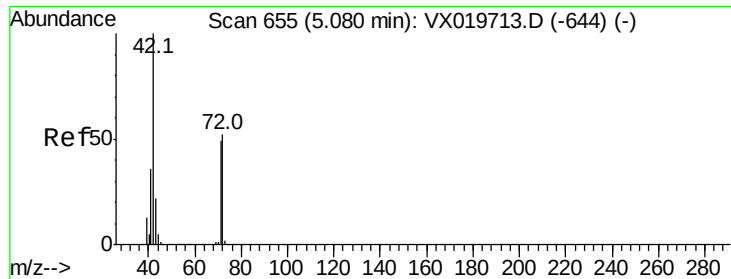


#28

Bromochloromethane
Concen: 19.858 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion: 49 Resp: 49616
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 84.8 68.2 102.2





#29

Tetrahydrofuran

Concen: 99.959 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

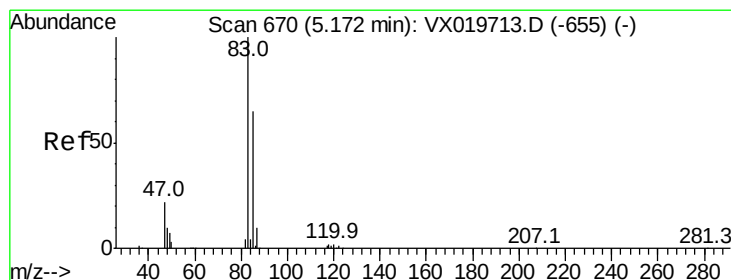
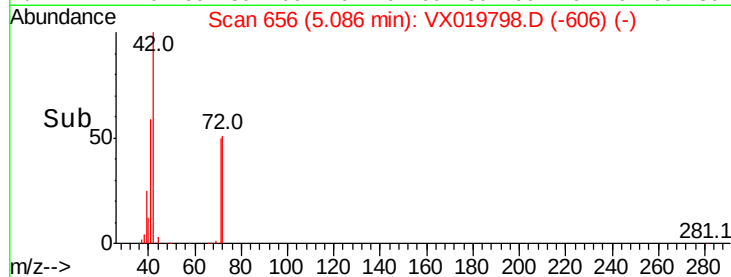
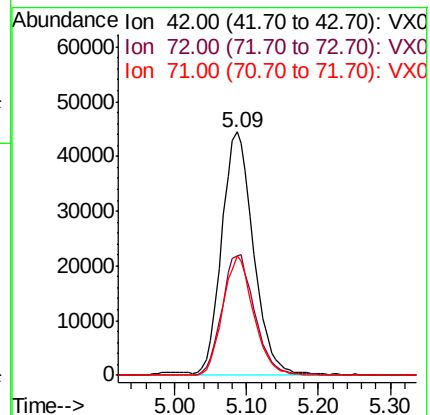
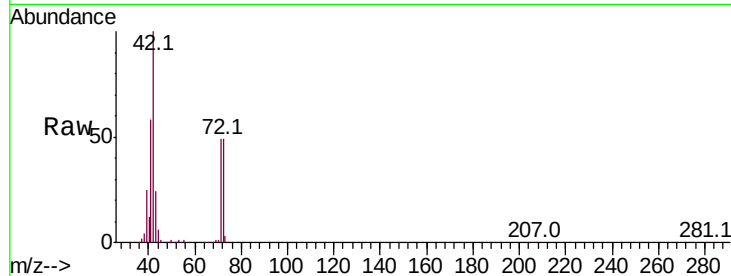
Tot Ion: 42 Resp: 135811

Ion Ratio Lower Upper

42 100

72 51.6 41.7 62.5

71 47.7 38.4 57.6



#30

Chloroform

Concen: 19.771 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.00 min

Lab File: VX019798.D

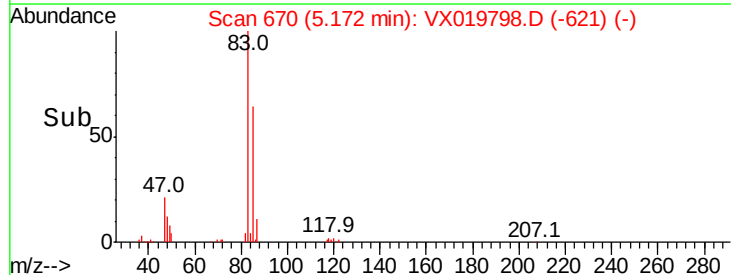
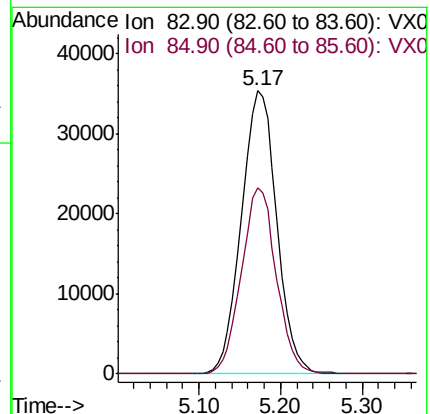
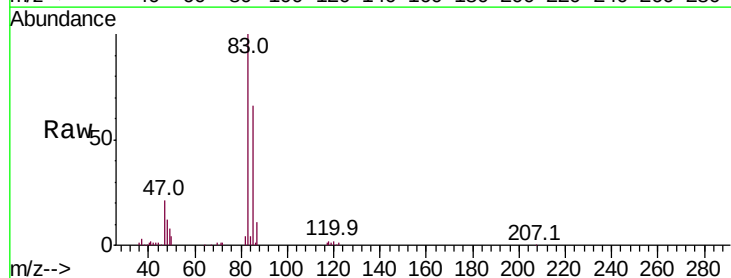
Acq: 10 Dec 2020 00:19

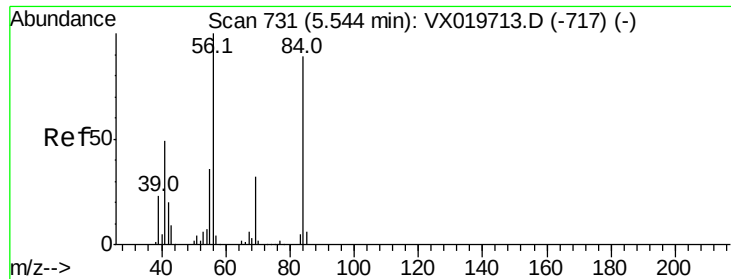
Tgt Ion: 83 Resp: 106550

Ion Ratio Lower Upper

83 100

85 65.6 52.0 78.0

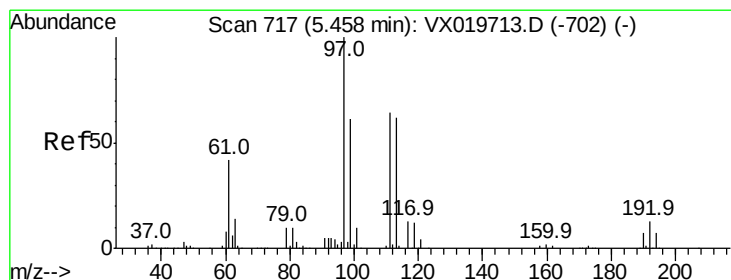
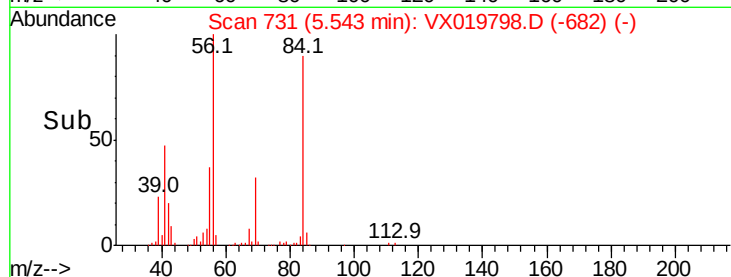
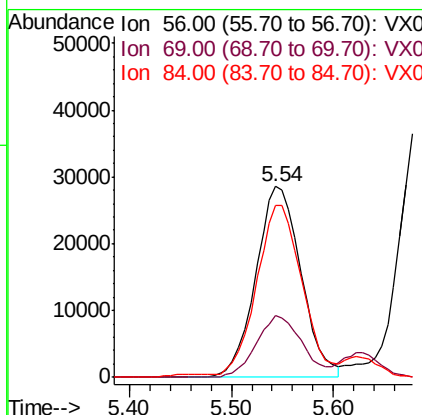
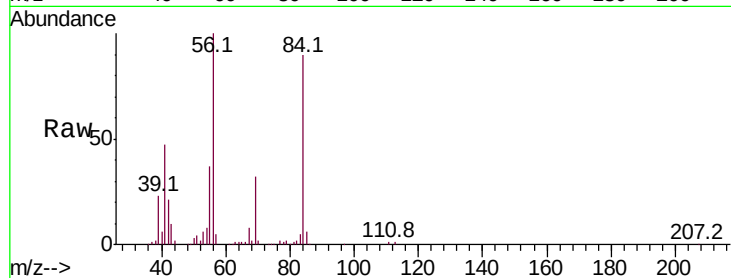




#31
Cyclohexane
Concen: 19.290 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

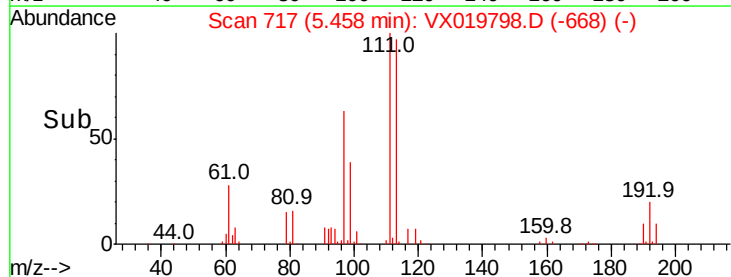
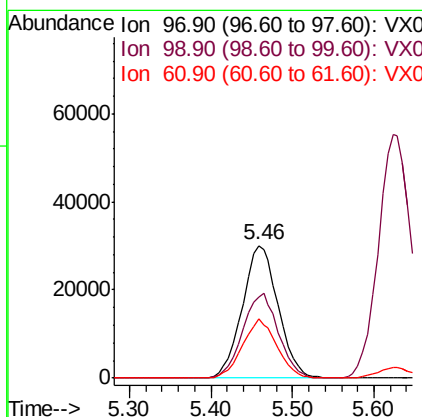
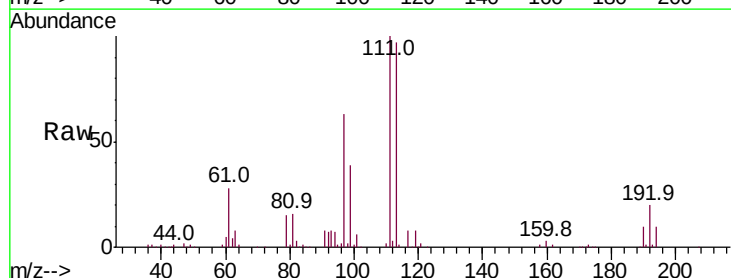
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

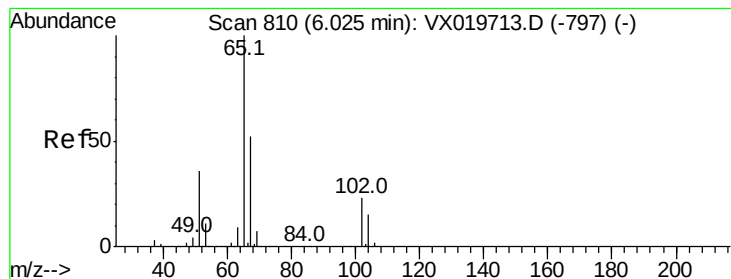
Tot Ion: 56 Resp: 87609
Ion Ratio Lower Upper
56 100
69 32.3 25.3 37.9
84 88.7 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 19.743 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion: 97 Resp: 91627
Ion Ratio Lower Upper
97 100
99 63.8 51.5 77.3
61 42.7 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 46.894 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

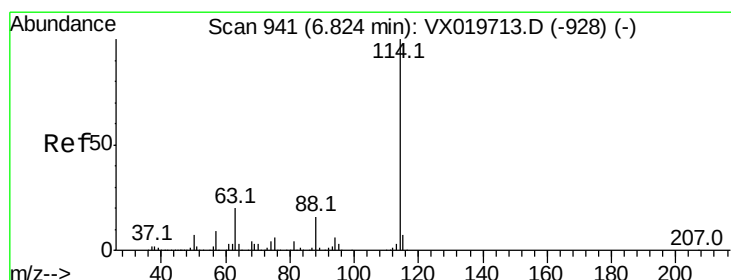
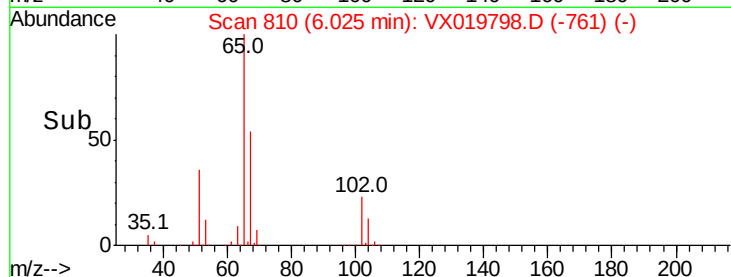
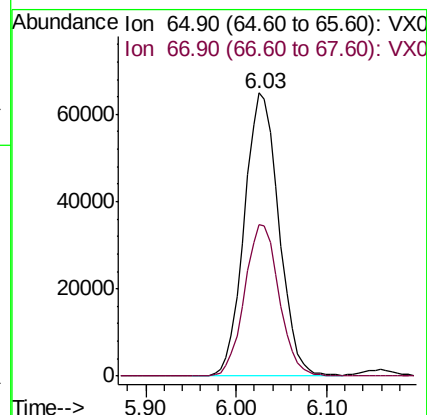
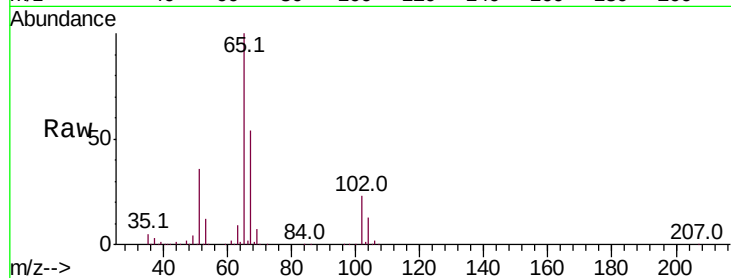
VX1209WBSD02

Tot Ion: 65 Resp: 171219

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

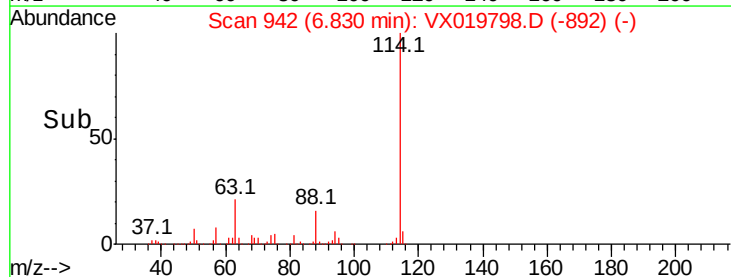
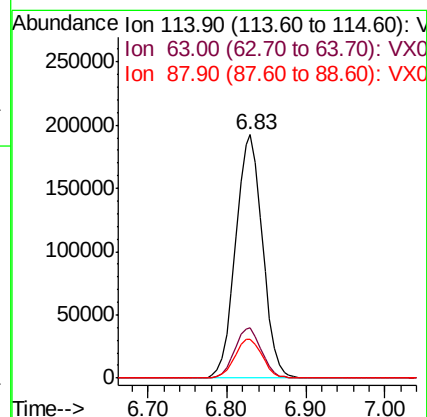
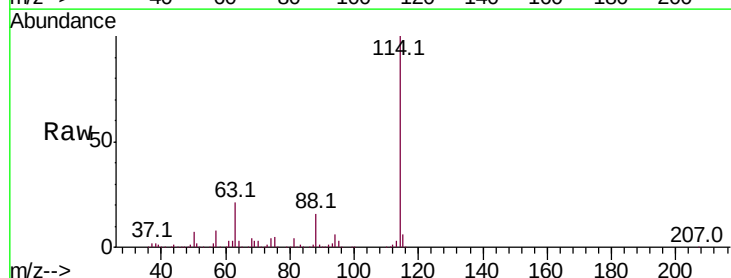
Tgt Ion: 114 Resp: 455302

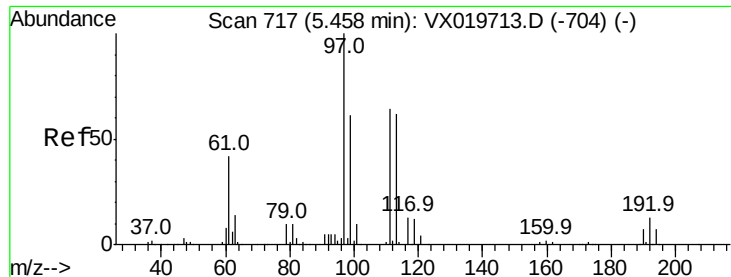
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 16.0 0.0 32.8

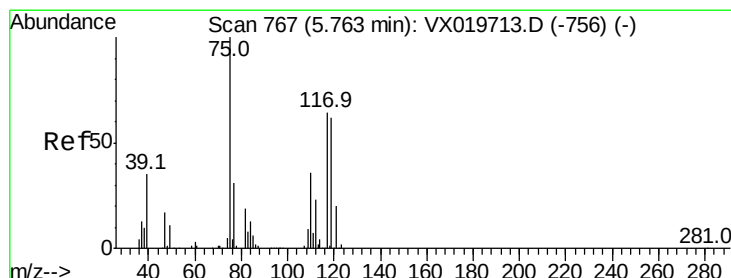
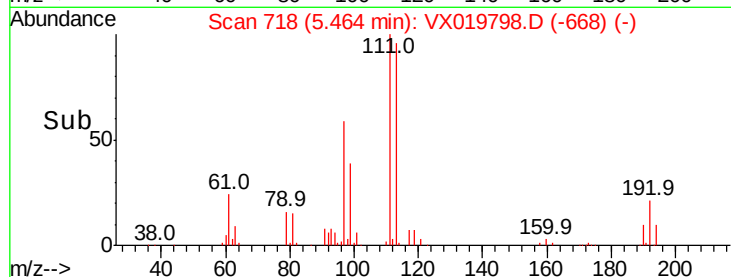
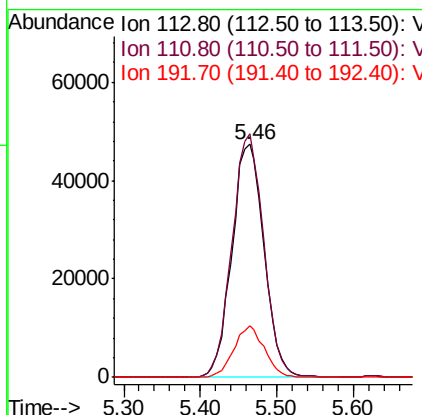
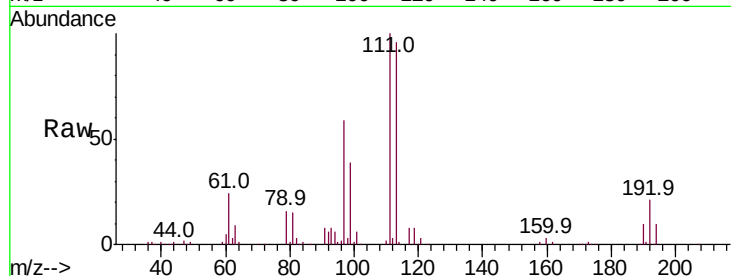




#35
 Dibromofluoromethane
 Concen: 46.942 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

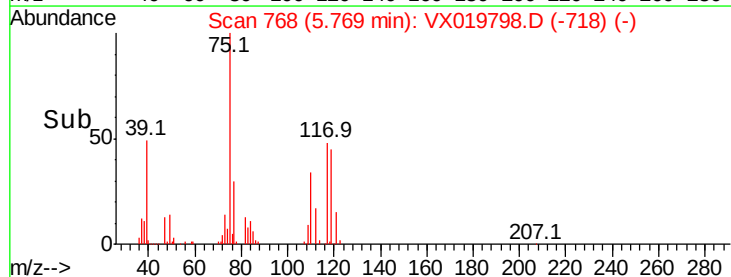
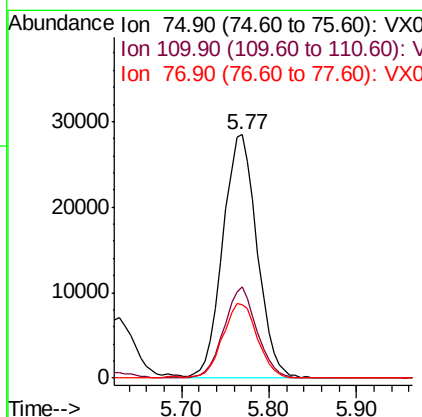
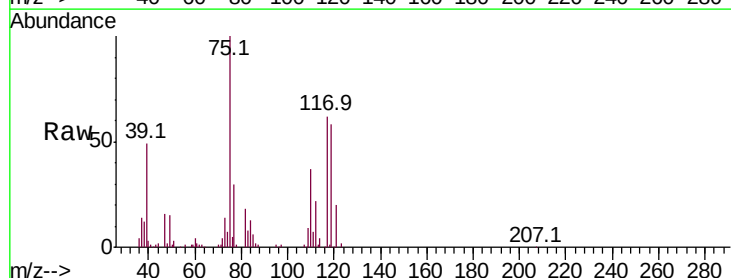
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

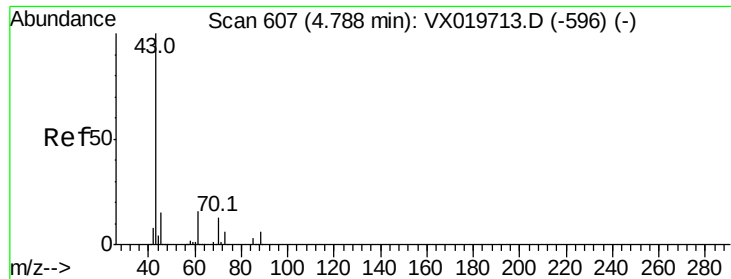
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	21.0	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 18.873 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.1	54.4
77	30.9	25.3	37.9

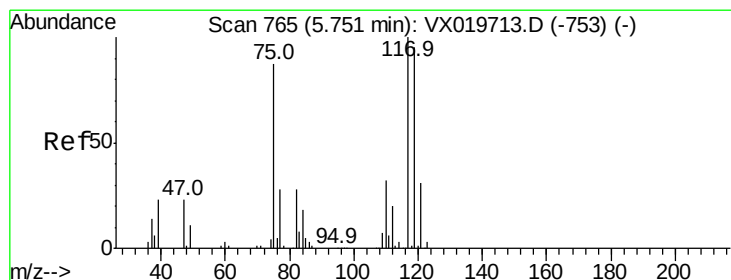
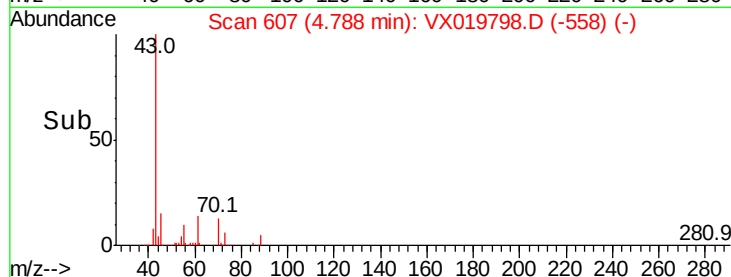
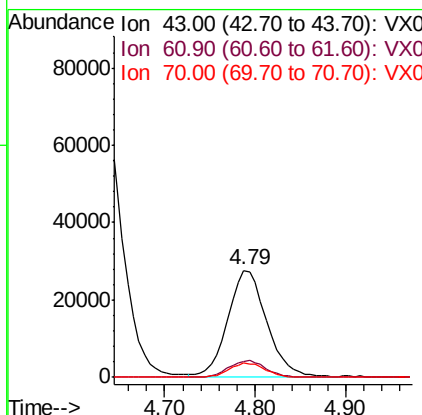
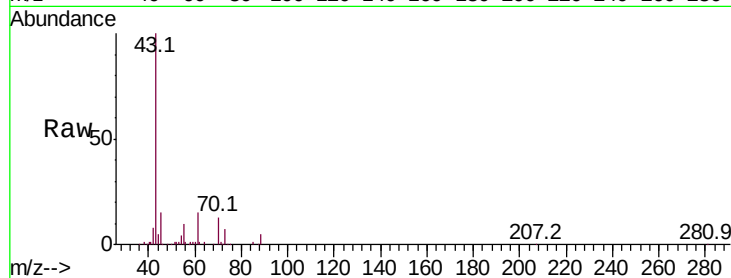




#37
Ethyl Acetate
Concen: 19.409 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

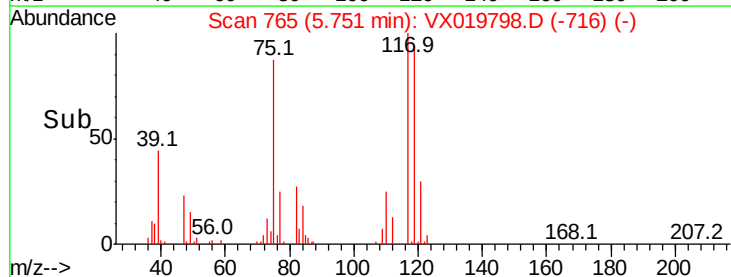
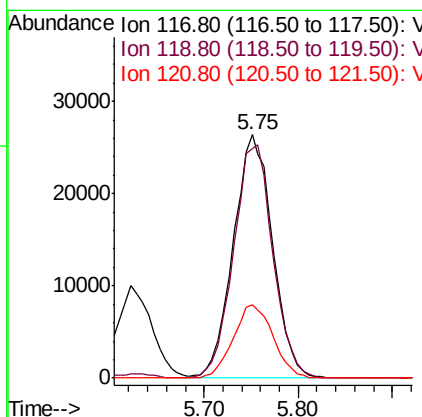
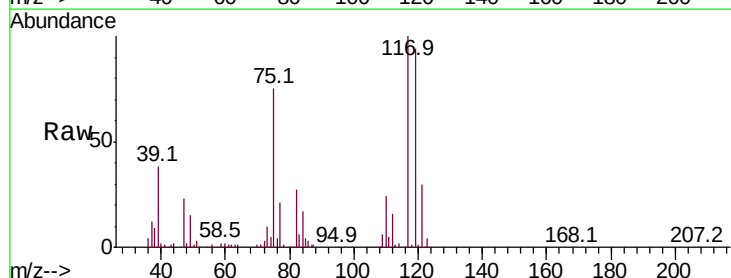
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

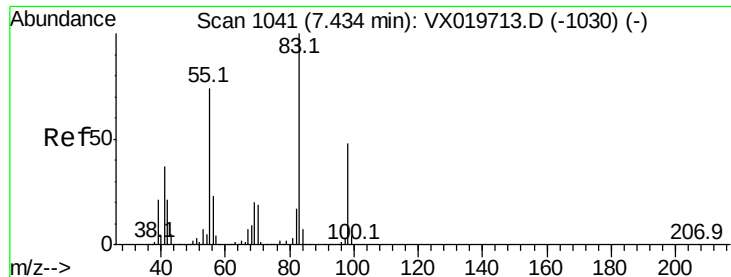
Tot Ion: 43 Resp: 80627
Ion Ratio Lower Upper
43 100
61 15.9 12.8 19.2
70 13.0 10.5 15.7



#38
Carbon Tetrachloride
Concen: 19.053 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion: 117 Resp: 76764
Ion Ratio Lower Upper
117 100
119 94.2 76.2 114.2
121 30.4 24.8 37.2

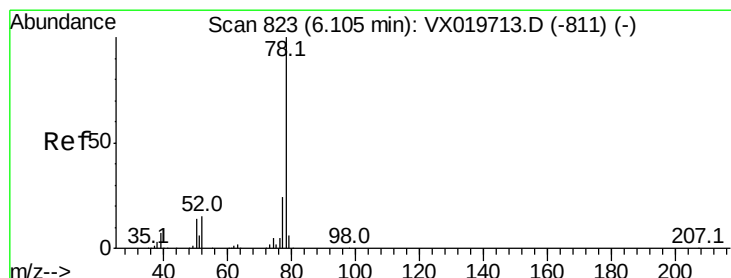
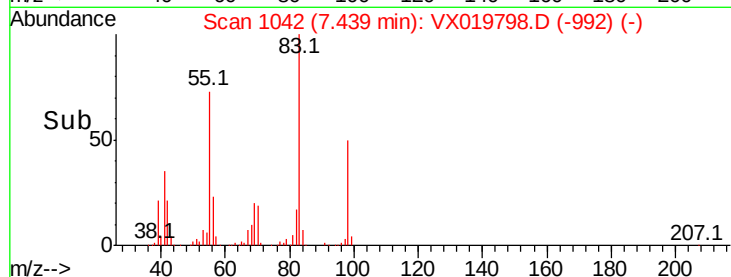
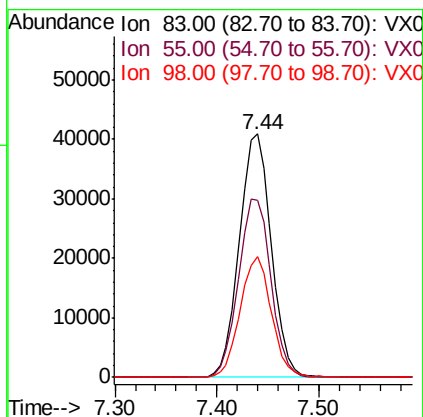
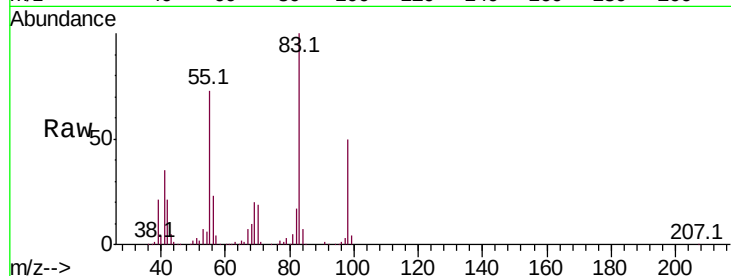




#39
Methylvlcyclohexane
Concen: 18.442 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

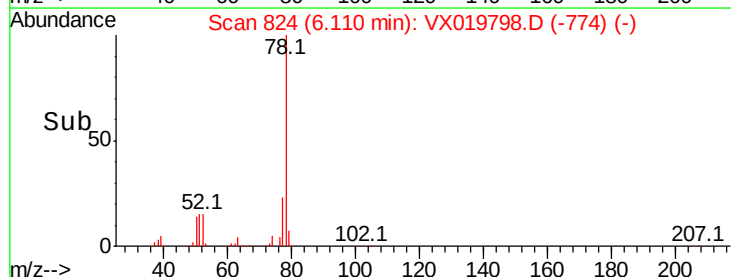
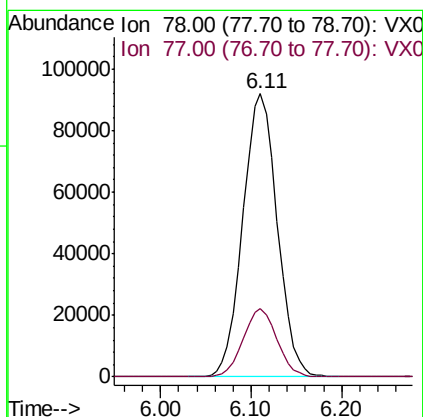
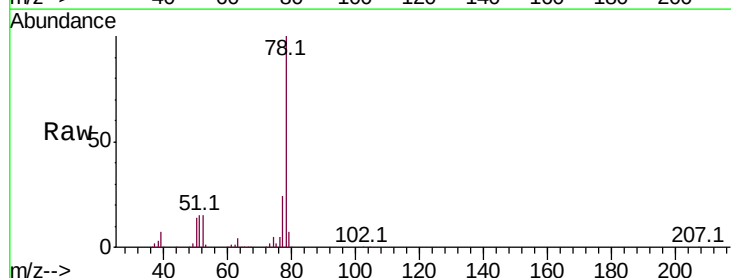
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

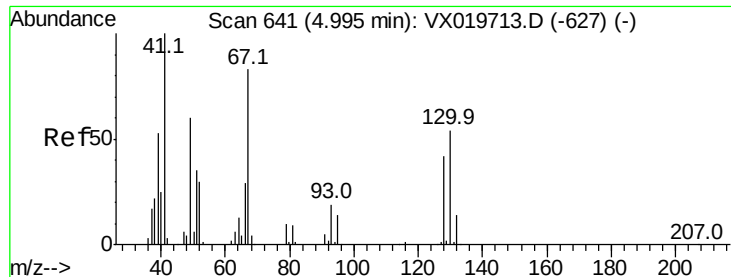
Tot Ion: 83 Resp: 89145
Ion Ratio Lower Upper
83 100
55 72.6 58.9 88.3
98 49.6 38.1 57.1



#40
Benzene
Concen: 19.264 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion: 78 Resp: 242108
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3

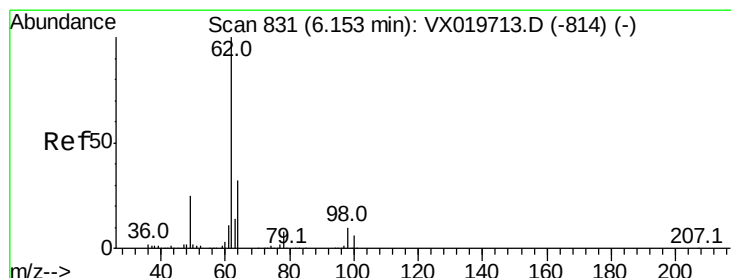
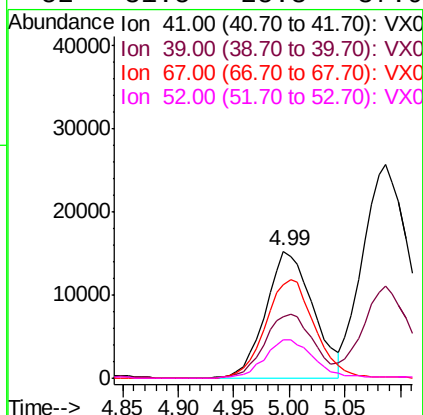
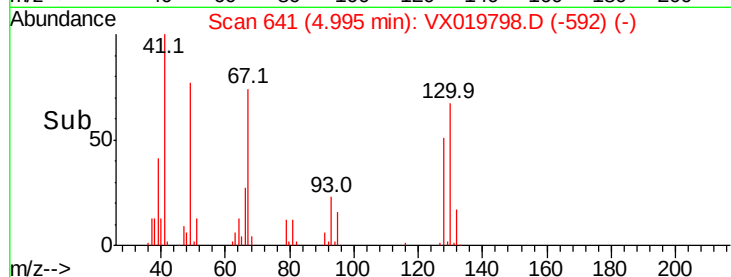
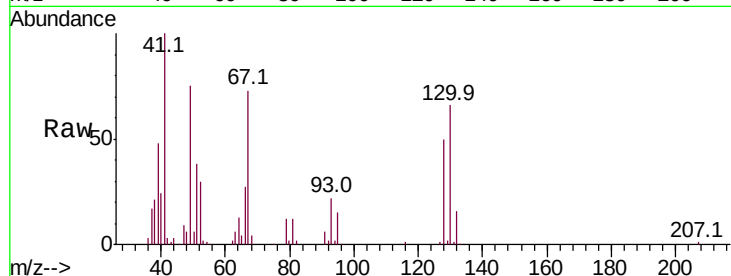




#41
Methacrylonitrile
Concen: 19.854 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

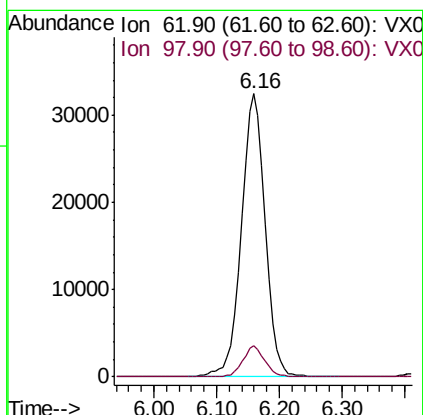
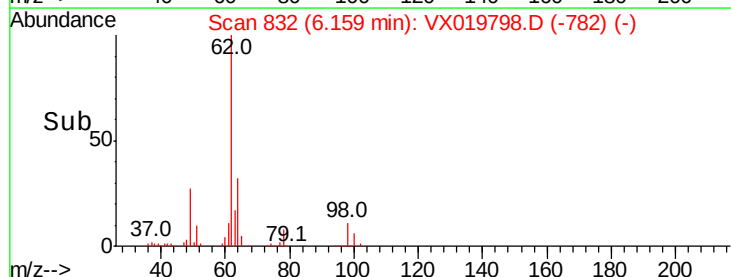
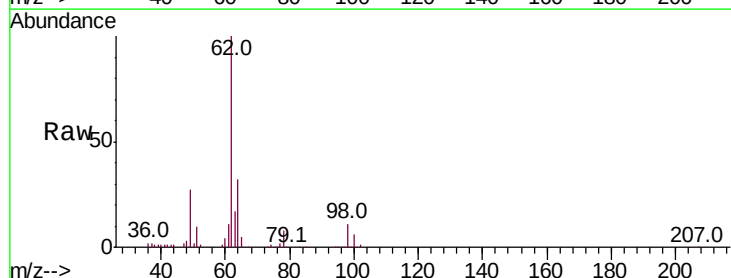
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

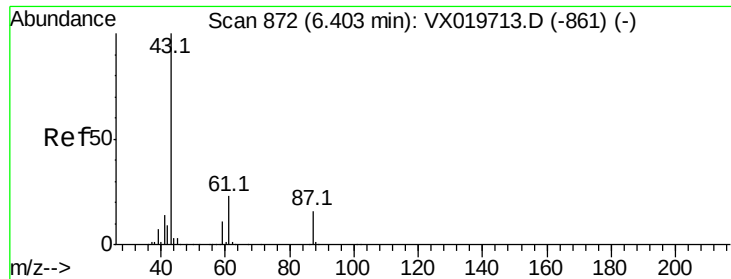
Tot Ion: 41 Resp: 45283
Ion Ratio Lower Upper
41 100
39 51.7 42.5 63.7
67 80.5 65.0 97.6
52 31.5 25.3 37.9



#42
1,2-Dichloroethane
Concen: 19.768 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion: 62 Resp: 84884
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.2





#43

Isopropyl Acetate

Concen: 19.128 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

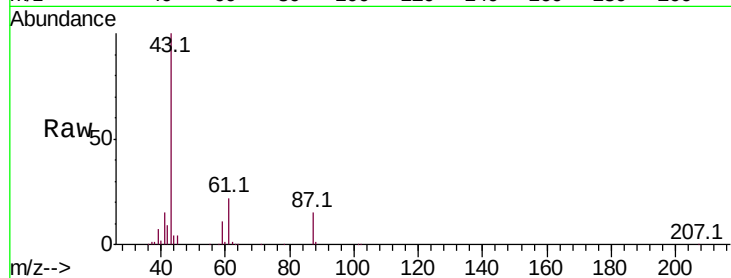
Tot Ion: 43 Resp: 129184

Ion Ratio Lower Upper

43 100

61 22.6 18.2 27.4

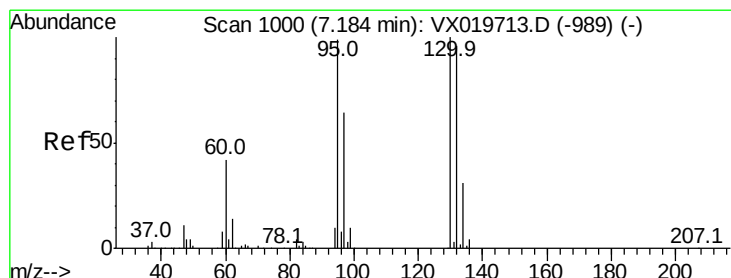
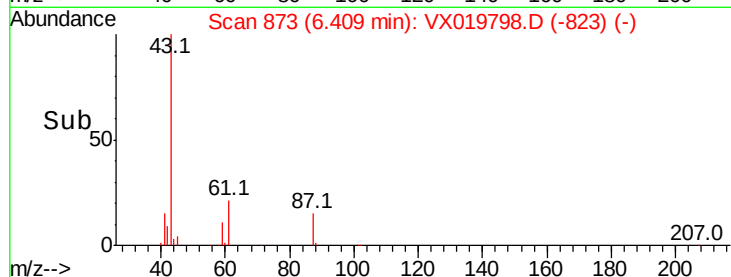
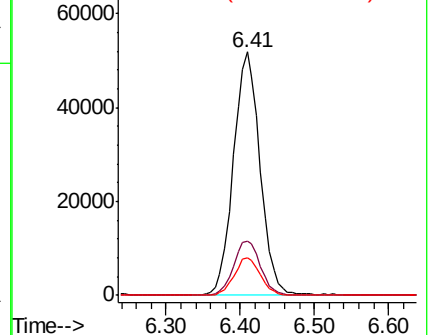
87 15.1 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.899 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019798.D

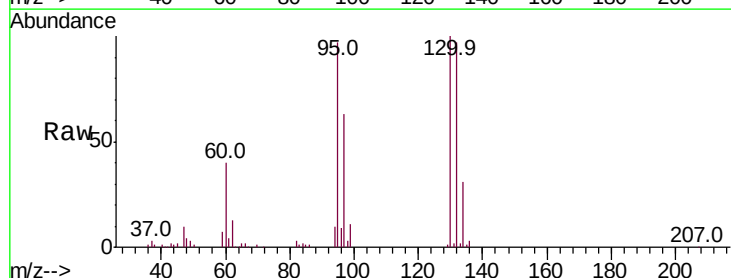
Acq: 10 Dec 2020 00:19

Tgt Ion:130 Resp: 62318

Ion Ratio Lower Upper

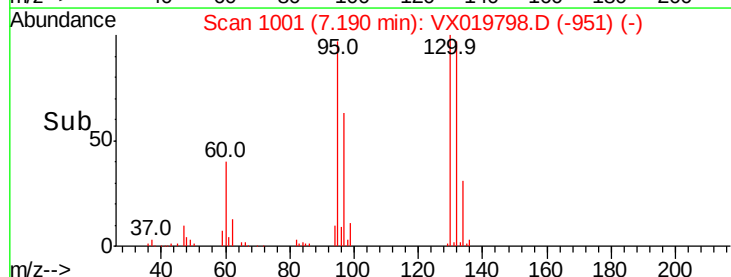
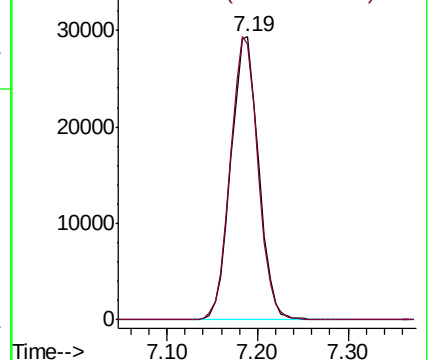
130 100

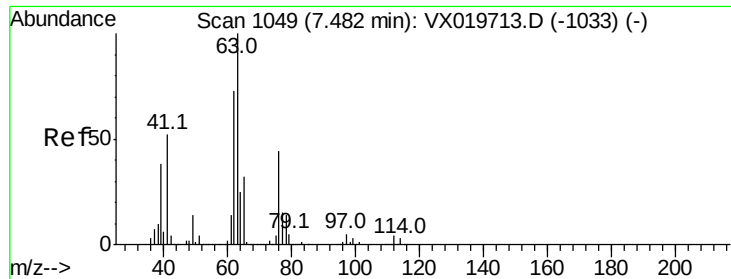
95 97.2 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.727 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

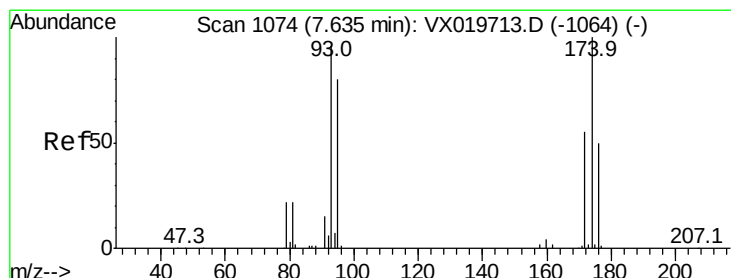
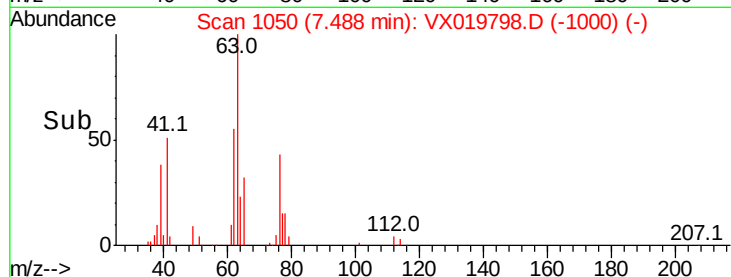
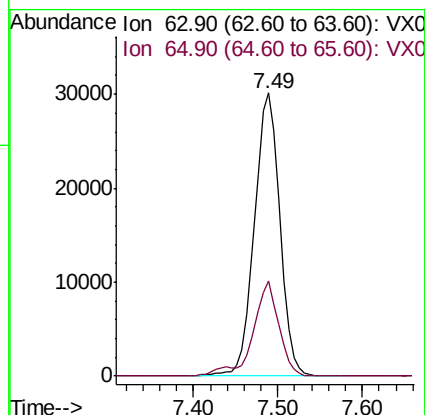
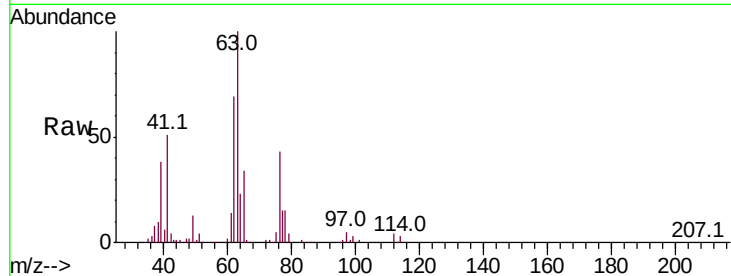
VX1209WBSD02

Tot Ion: 63 Resp: 61964

Ion Ratio Lower Upper

63 100

65 33.6 25.7 38.5



#46

Dibromomethane

Concen: 19.763 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

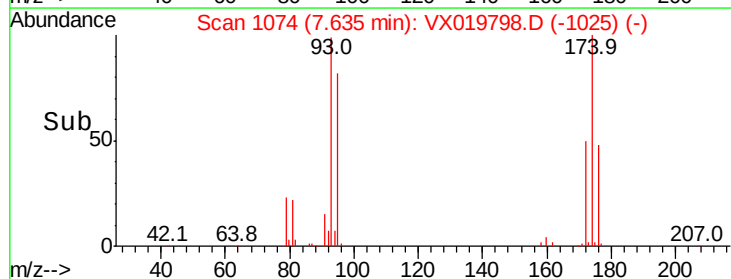
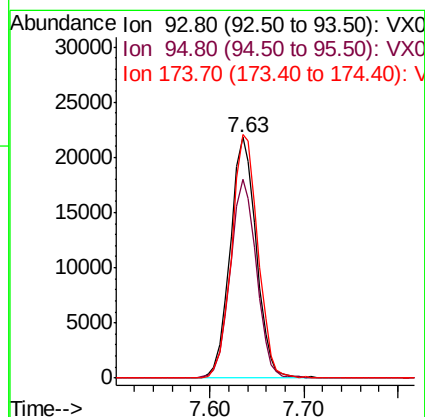
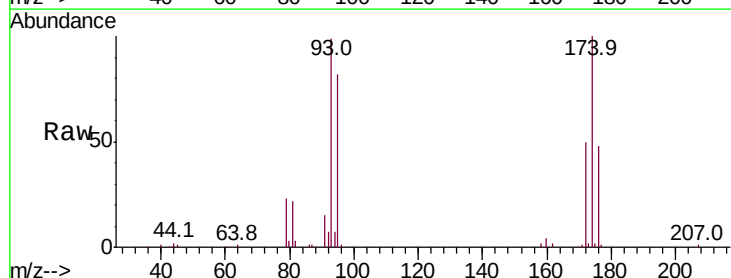
Tgt Ion: 93 Resp: 41920

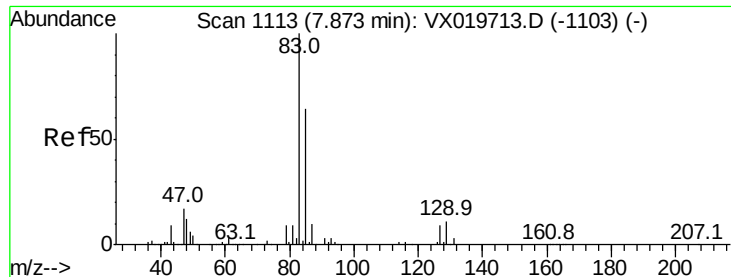
Ion Ratio Lower Upper

93 100

95 82.6 66.8 100.2

174 101.8 83.1 124.7





#47

Bromodichloromethane

Concen: 19.099 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

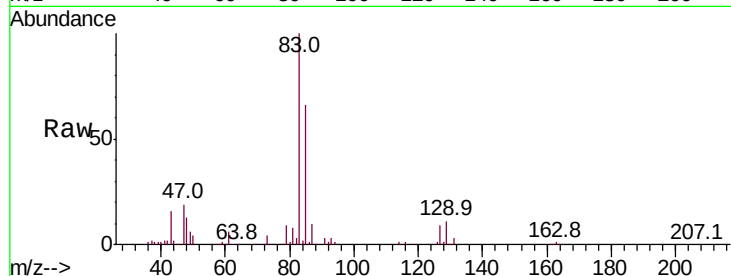
Tot Ion: 83 Resp: 80390

Ion Ratio Lower Upper

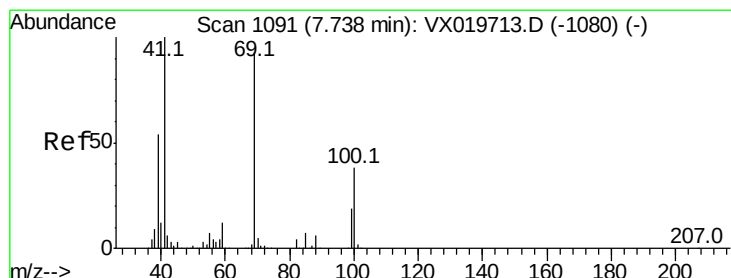
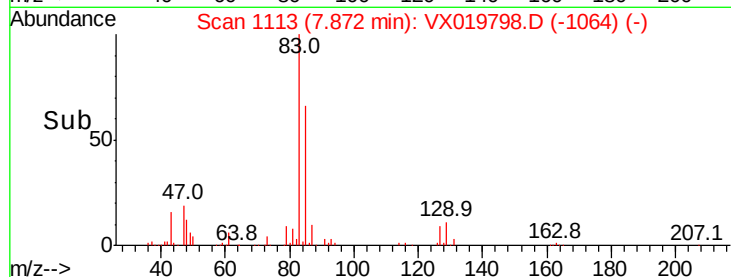
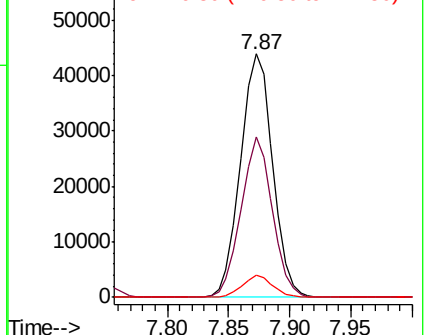
83 100

85 66.0 51.4 77.0

127 9.3 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.028 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

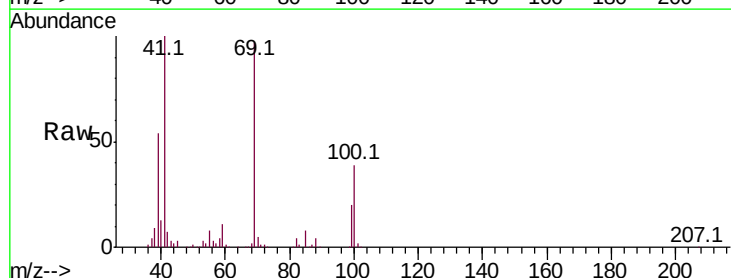
Tgt Ion: 41 Resp: 63201

Ion Ratio Lower Upper

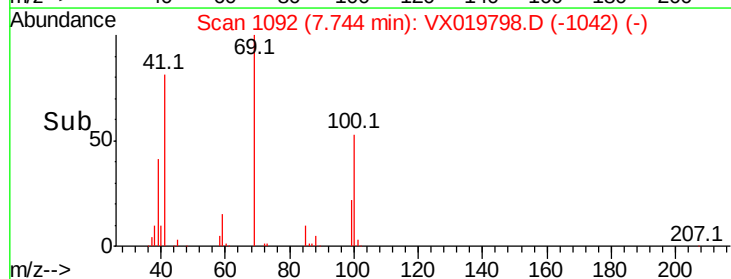
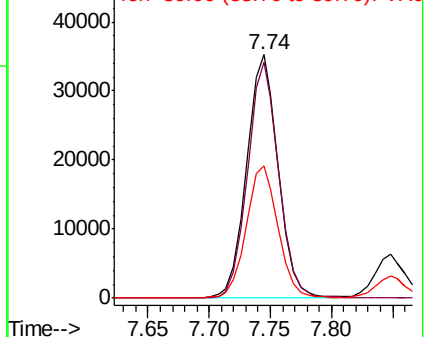
41 100

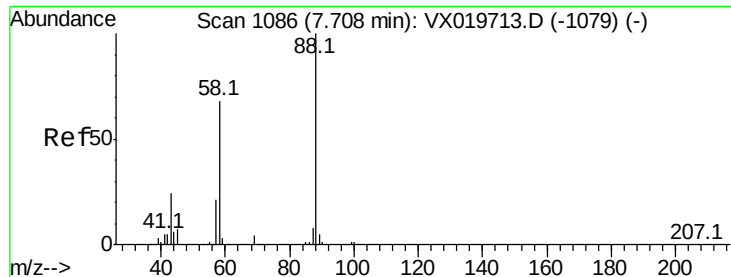
69 95.3 76.0 114.0

39 55.1 44.6 67.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

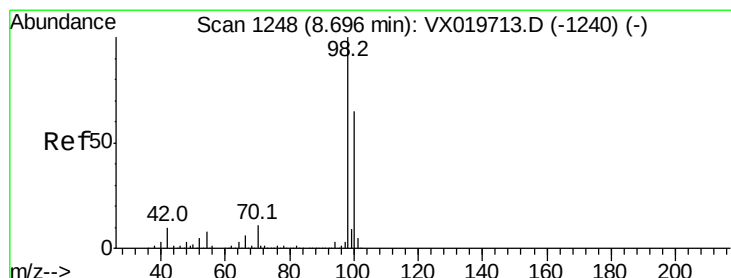
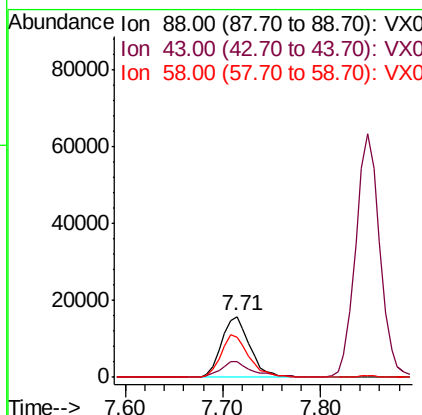
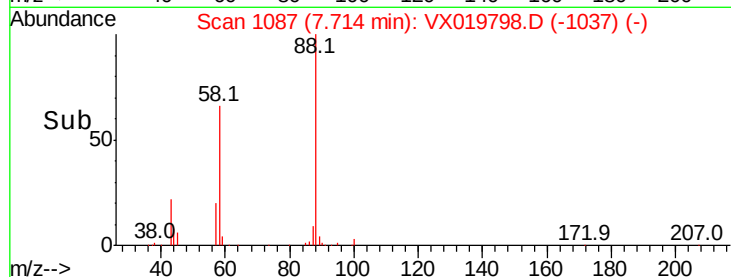
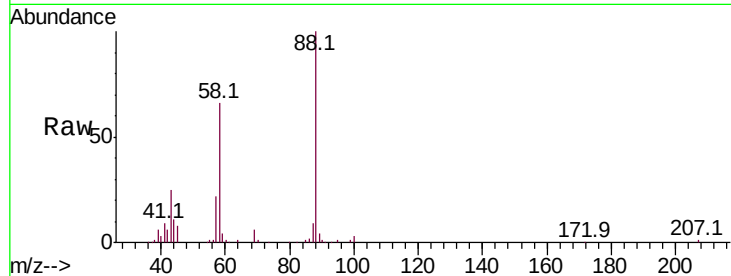




#49
1,4-Dioxane
Concen: 393.912 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

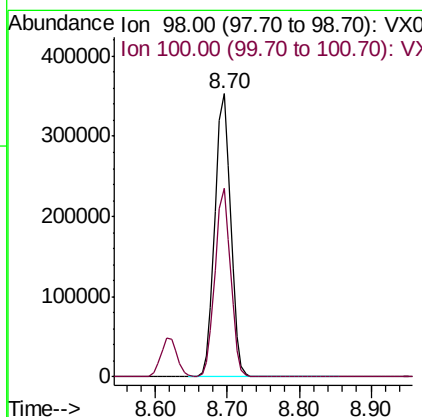
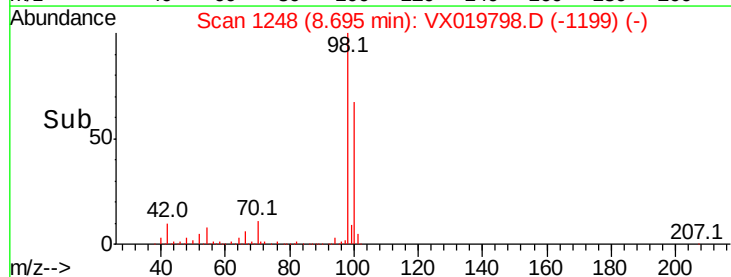
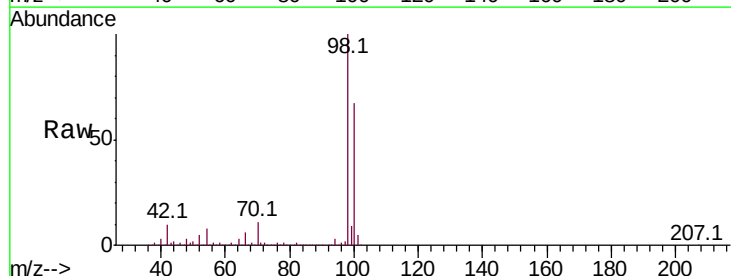
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

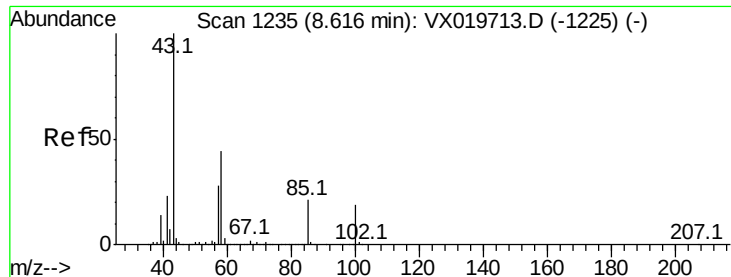
Tot Ion: 88 Resp: 31695
Ion Ratio Lower Upper
88 100
43 28.6 23.2 34.8
58 69.7 55.0 82.4



#50
Toluene-d8
Concen: 47.872 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion: 98 Resp: 537784
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

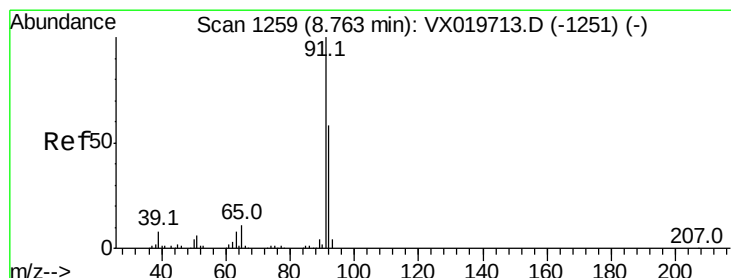
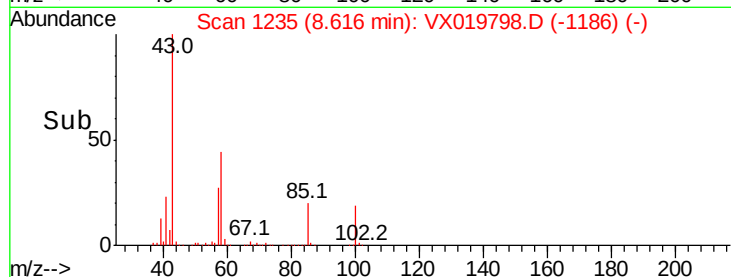
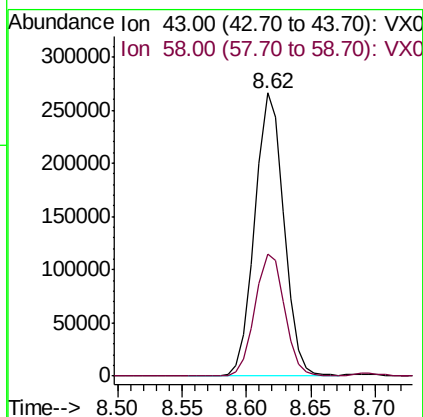
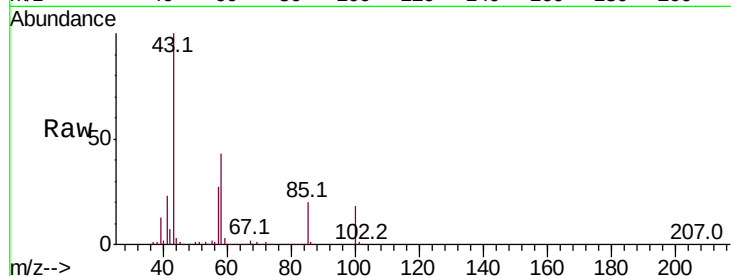




#51
4-Methyl-2-Pentanone
Concen: 100.485 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

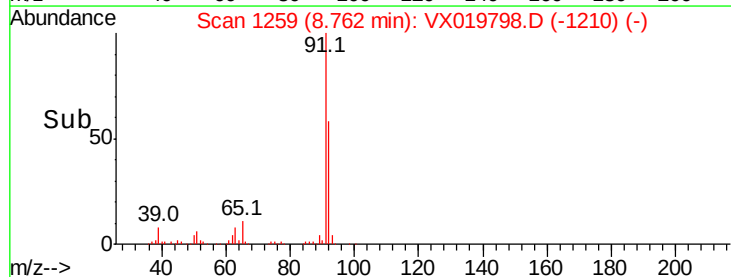
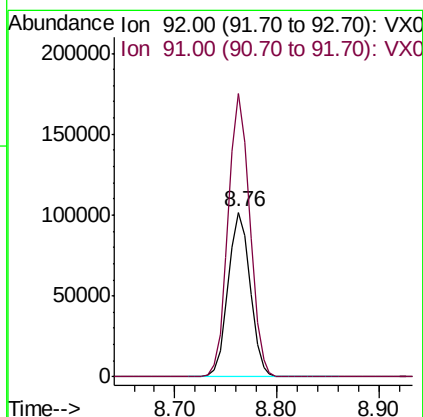
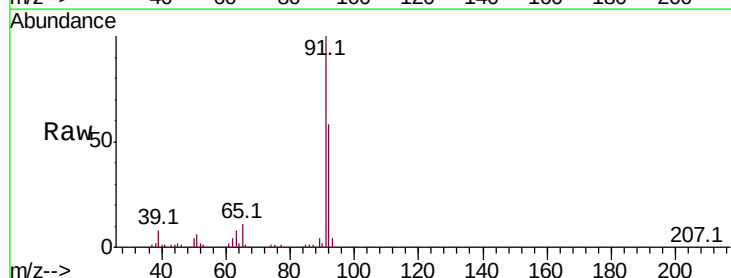
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

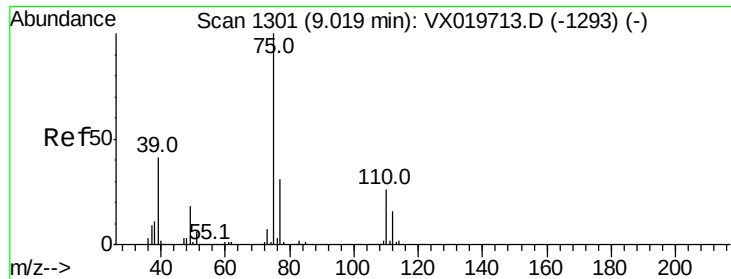
Tot Ion: 43 Resp: 414328
Ion Ratio Lower Upper
43 100
58 43.8 35.4 53.0



#52
Toluene
Concen: 19.298 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion: 92 Resp: 151689
Ion Ratio Lower Upper
92 100
91 169.8 137.1 205.7

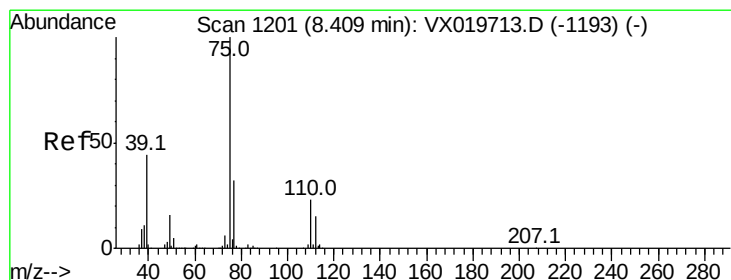
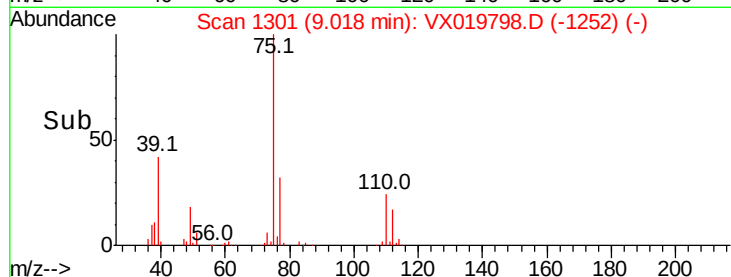
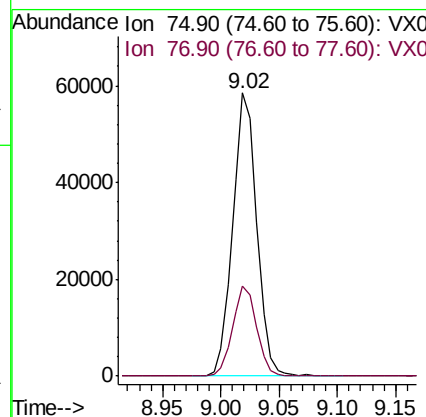
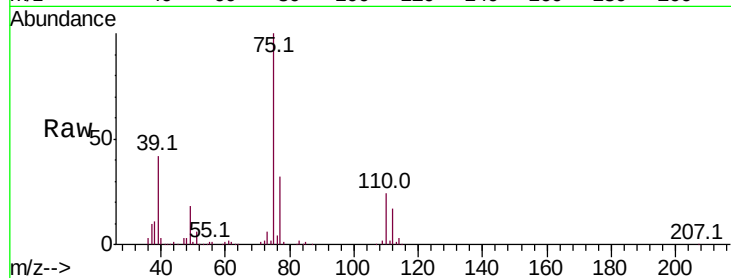




#53
t-1,3-Dichloropropene
Concen: 18.002 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

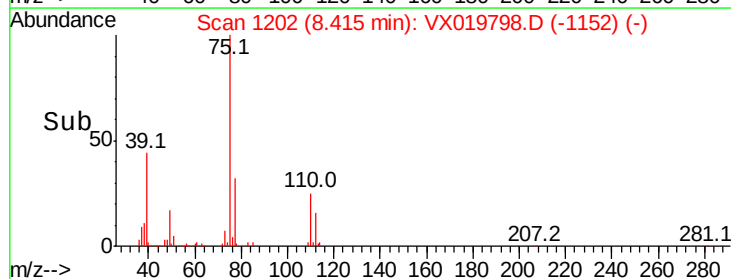
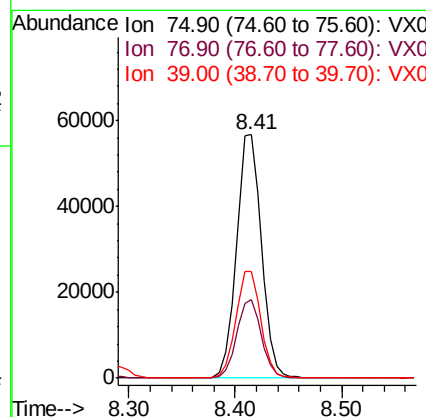
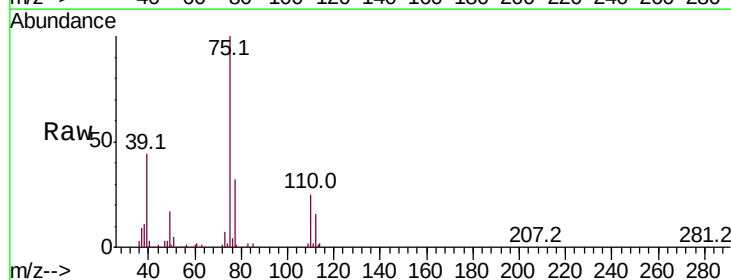
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

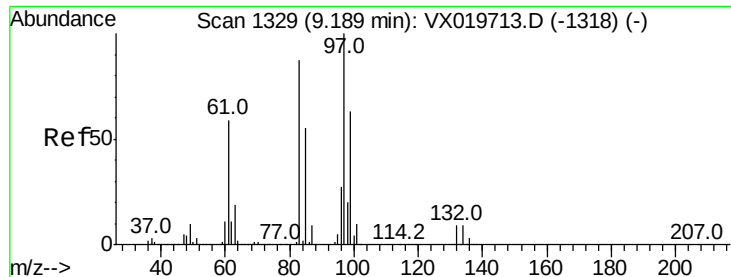
Tot Ion: 75 Resp: 84085
Ion Ratio Lower Upper
75 100
77 32.0 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 18.429 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. 0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion: 75 Resp: 93516
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
39 43.5 35.1 52.7

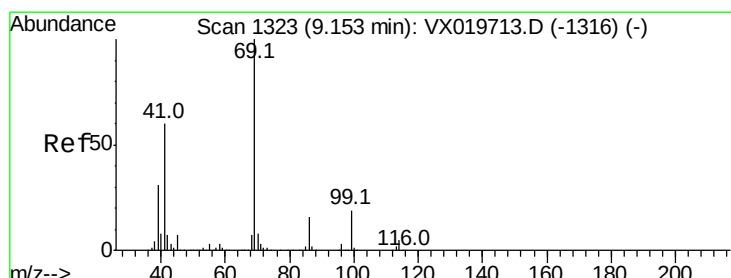
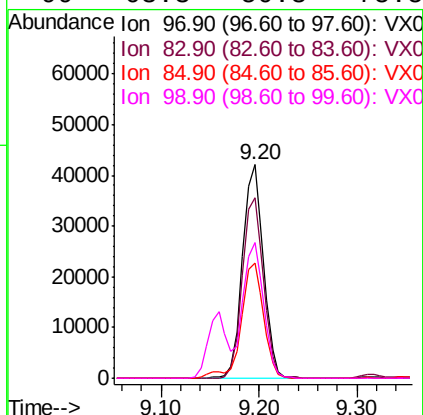
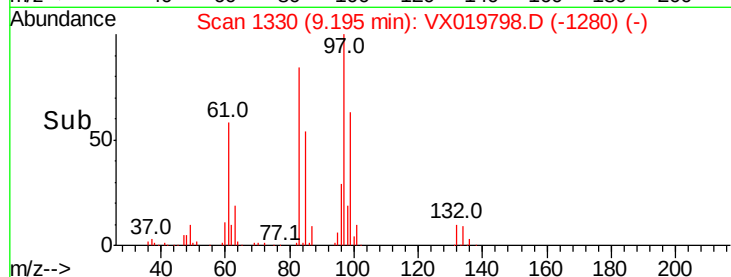
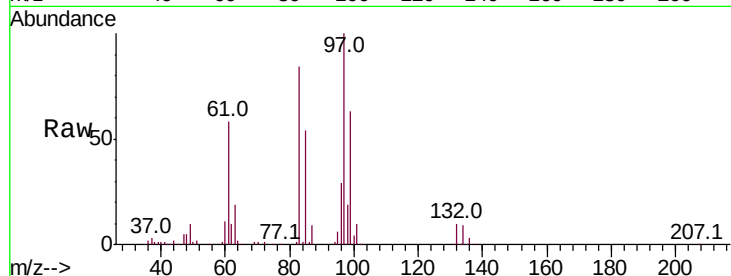




#55
 1,1,2-Trichloroethane
 Concen: 19.746 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

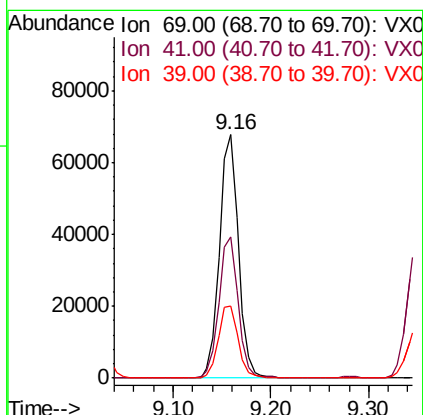
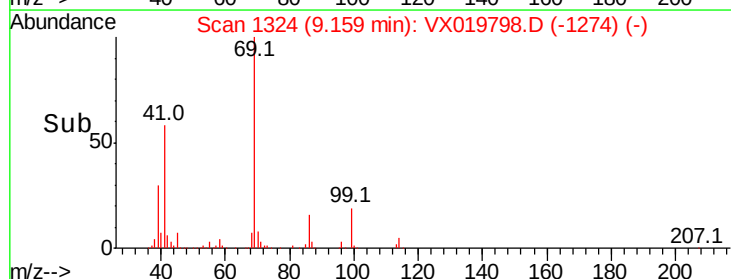
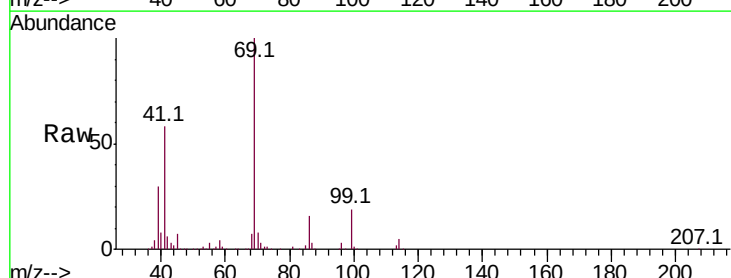
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

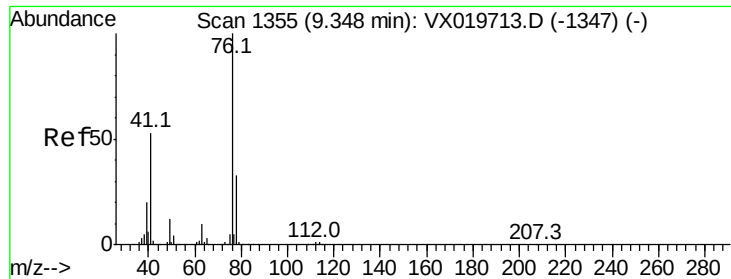
Tot Ion: 97 Resp: 62549
 Ion Ratio Lower Upper
 97 100
 83 84.5 69.3 103.9
 85 54.0 44.3 66.5
 99 63.3 50.3 75.5



#56
 Ethyl methacrylate
 Concen: 19.058 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

Tgt Ion: 69 Resp: 91338
 Ion Ratio Lower Upper
 69 100
 41 59.4 46.8 70.2
 39 31.2 24.7 37.1





#57

1,3-Dichloropropane

Concen: 19.383 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

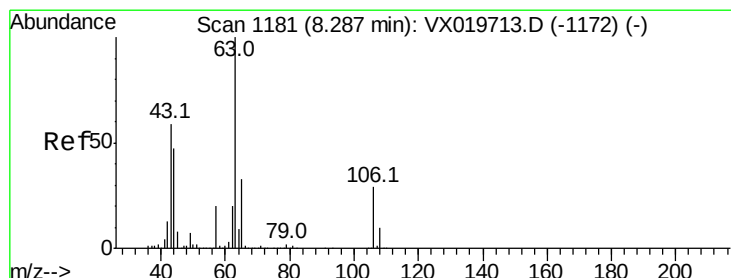
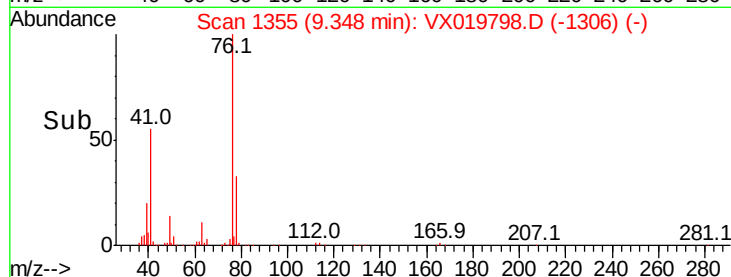
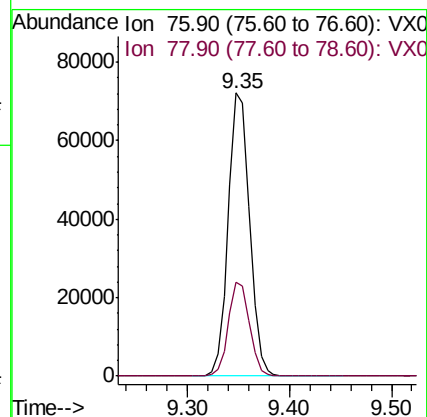
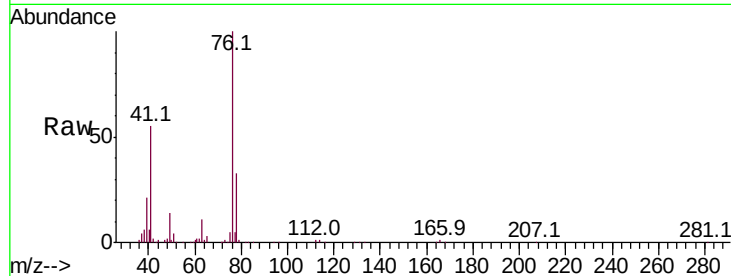
VX1209WBSD02

Tot Ion: 76 Resp: 104840

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 98.387 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019798.D

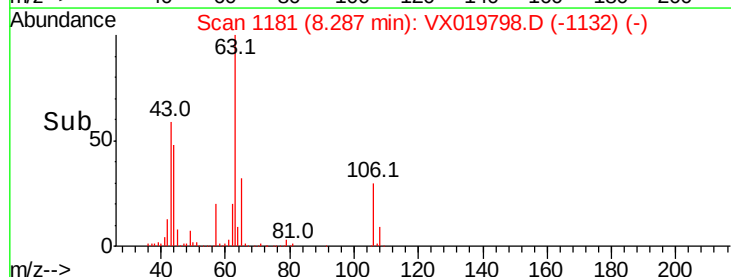
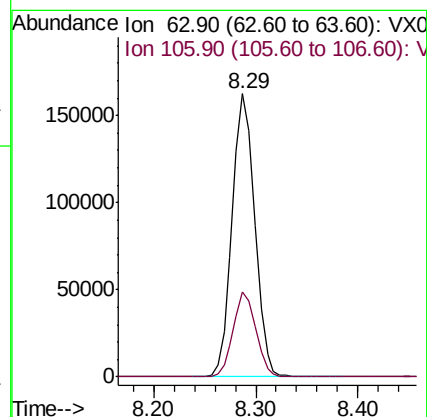
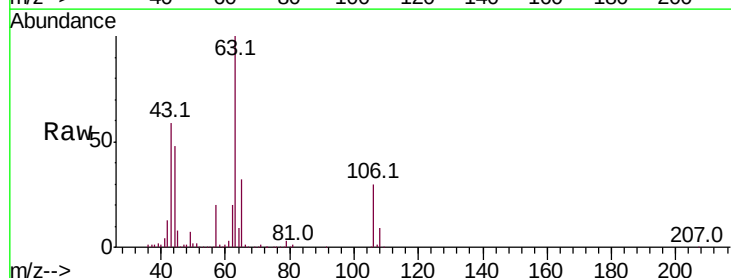
Acq: 10 Dec 2020 00:19

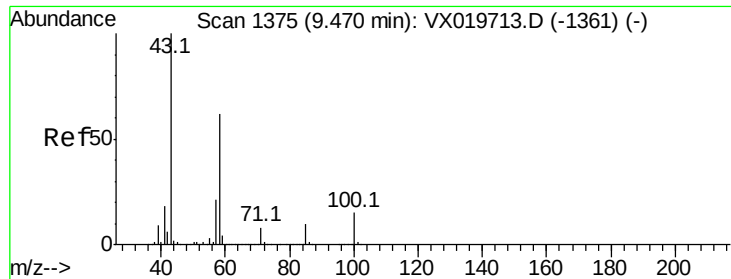
Tgt Ion: 63 Resp: 249795

Ion Ratio Lower Upper

63 100

106 29.9 23.5 35.3

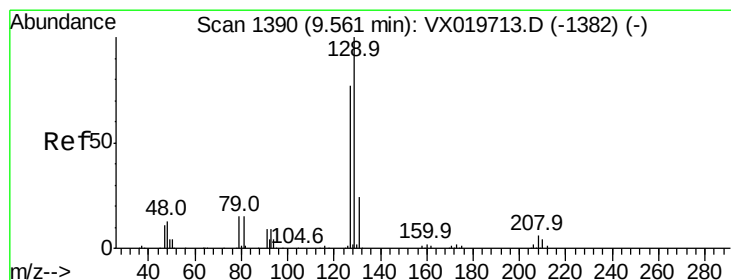
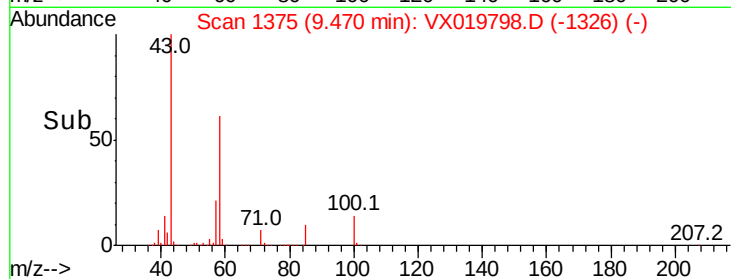
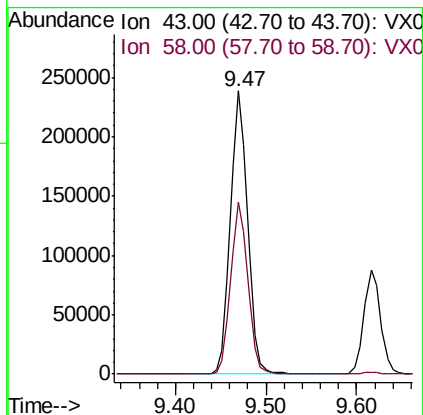
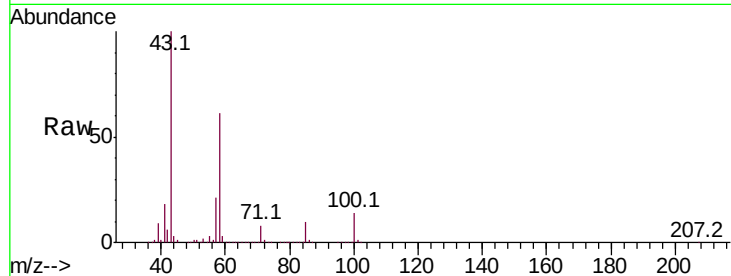




#59
2-Hexanone
Concen: 98.777 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

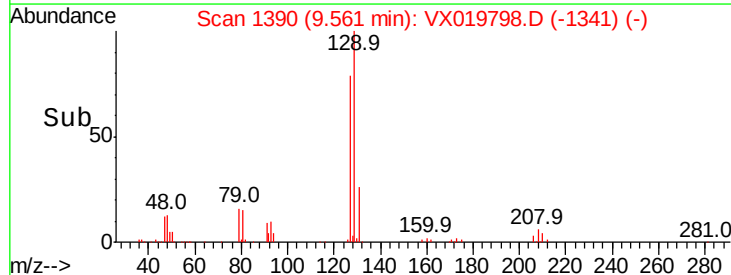
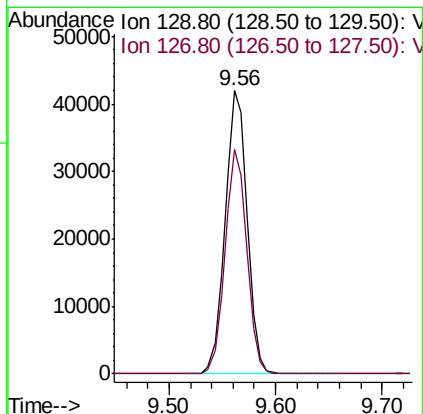
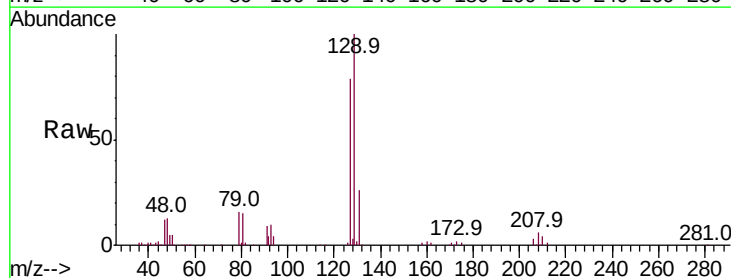
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

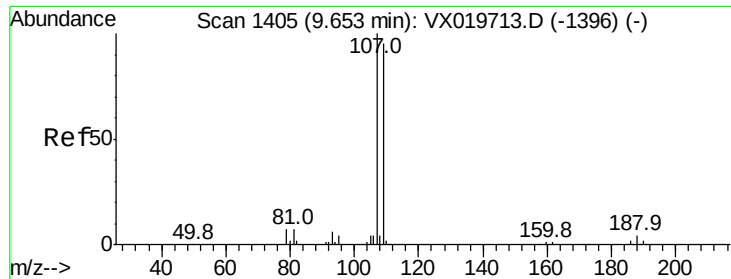
Tot Ion: 43 Resp: 315702
Ion Ratio Lower Upper
43 100
58 60.9 30.9 92.8



#60
Dibromochloromethane
Concen: 18.940 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion: 129 Resp: 60954
Ion Ratio Lower Upper
129 100
127 78.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.505 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

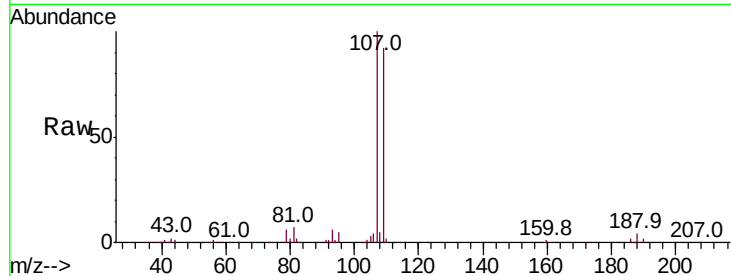
VX1209WBSD02

Tot Ion:107 Resp: 65607

Ion Ratio Lower Upper

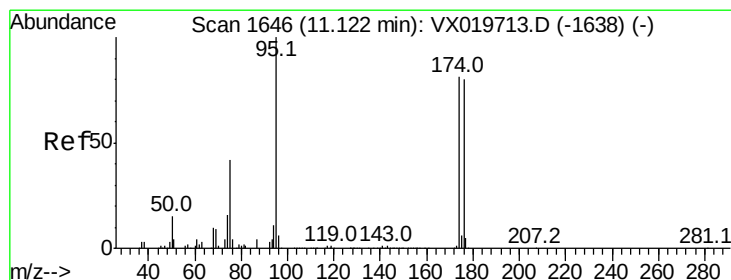
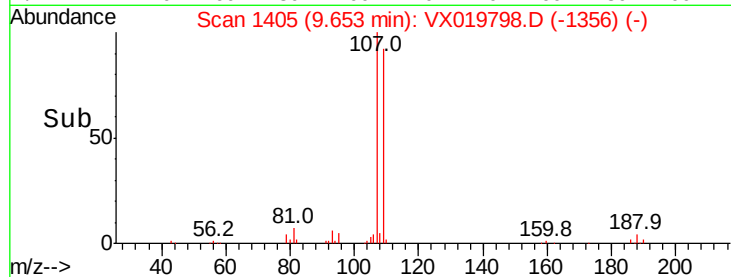
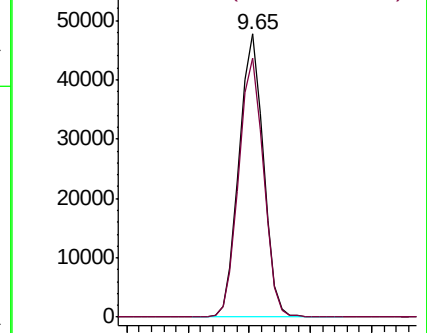
107 100

109 93.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.134 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

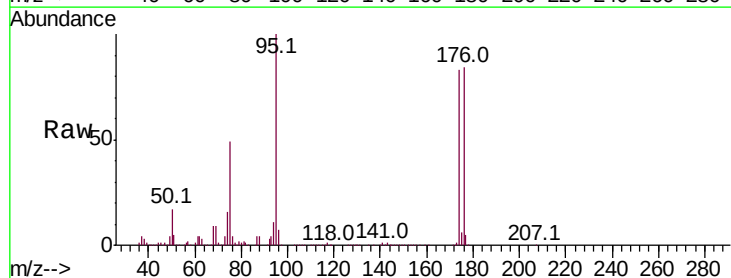
Tgt Ion: 95 Resp: 197257

Ion Ratio Lower Upper

95 100

174 77.8 0.0 154.6

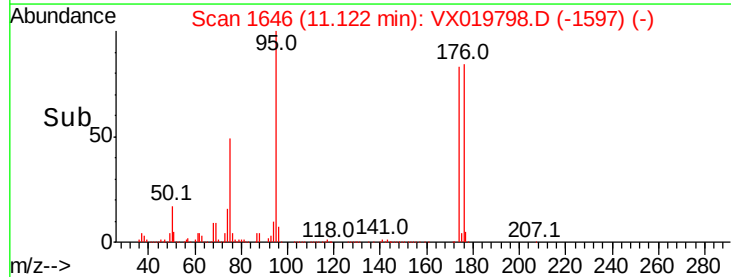
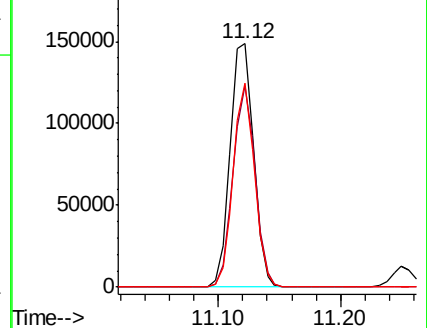
176 76.5 0.0 155.8

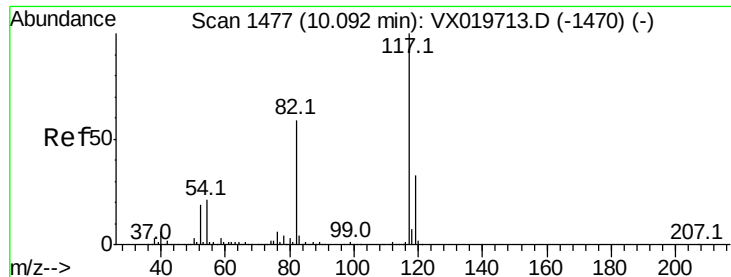


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

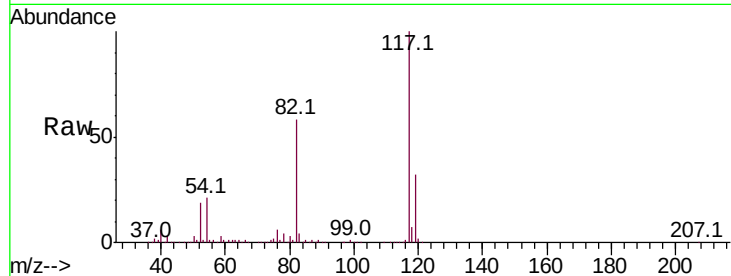
Tot Ion:117 Resp: 420275

Ion Ratio Lower Upper

117 100

82 58.4 47.4 71.2

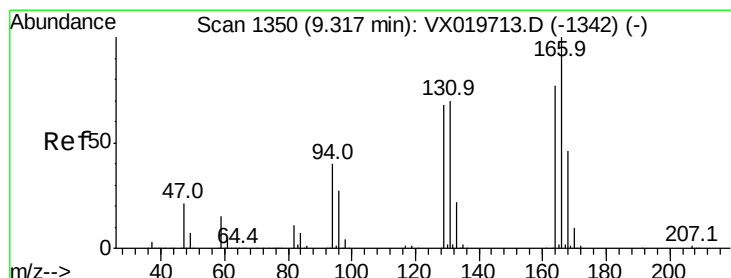
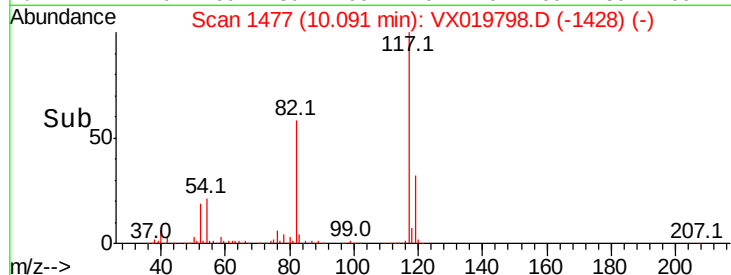
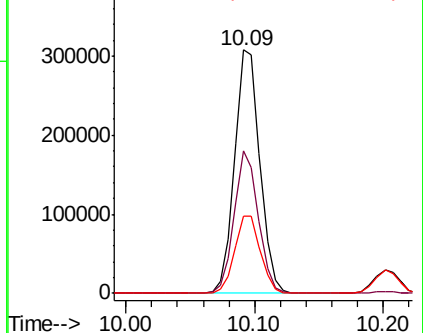
119 31.6 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.833 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Tgt Ion:164 Resp: 55898

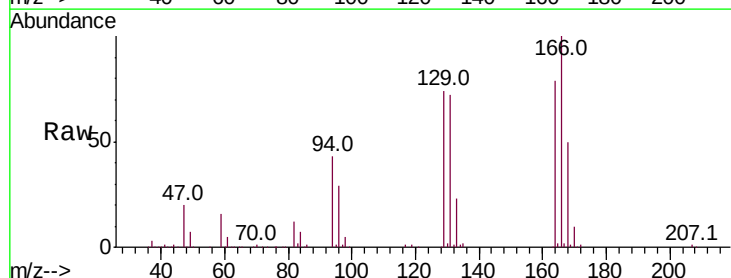
Ion Ratio Lower Upper

164 100

166 126.4 103.4 155.2

129 93.9 70.8 106.2

131 91.5 72.5 108.7

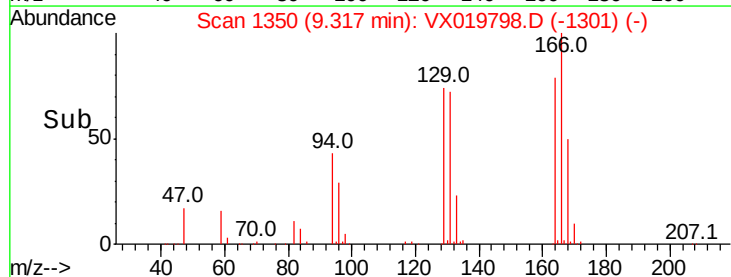
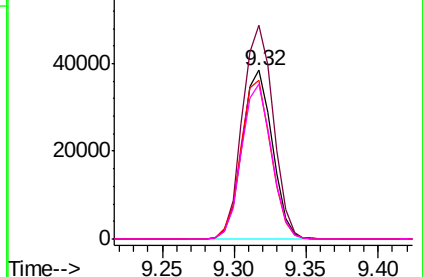


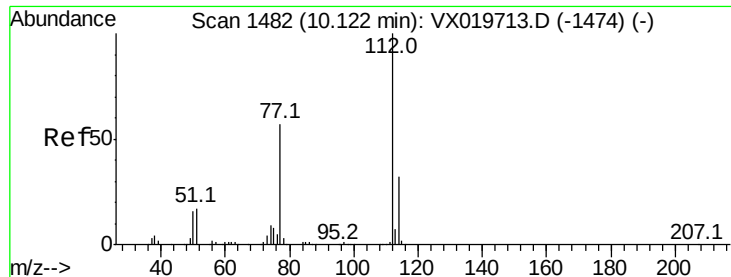
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.247 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

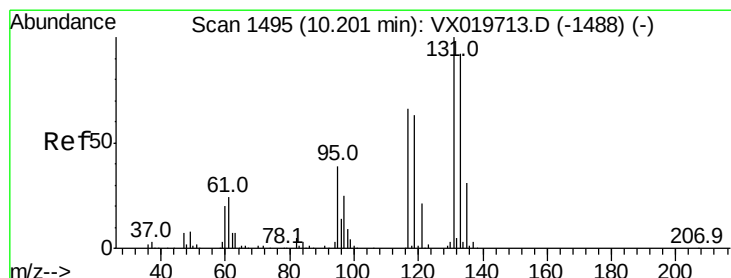
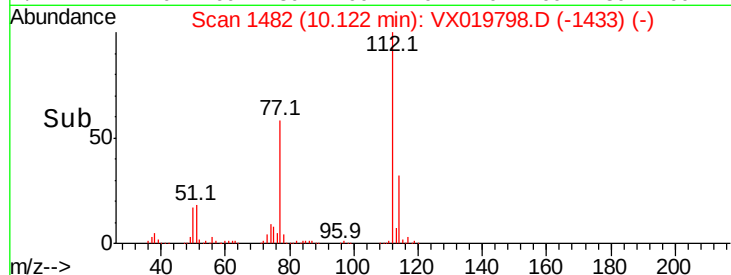
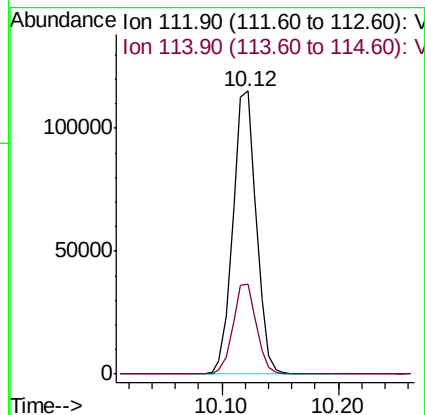
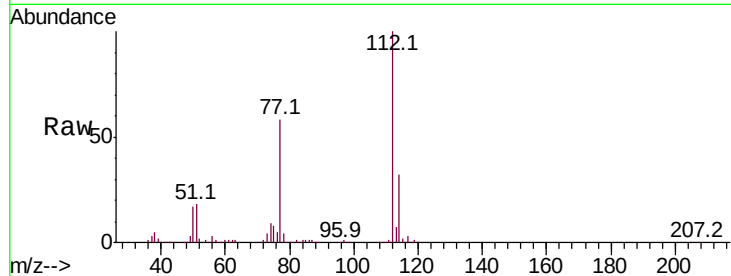
VX1209WBSD02

Tot Ion:112 Resp: 161154

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.706 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

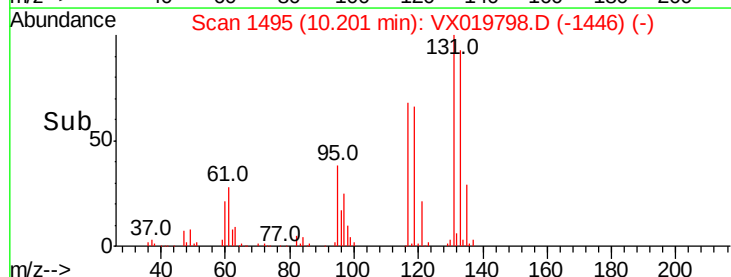
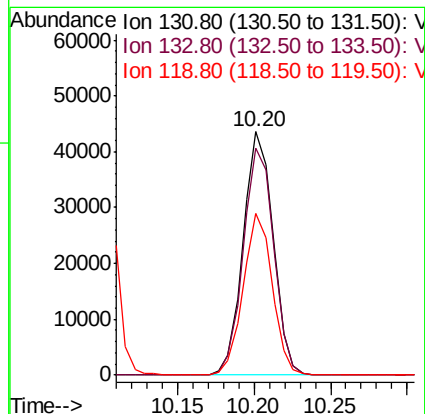
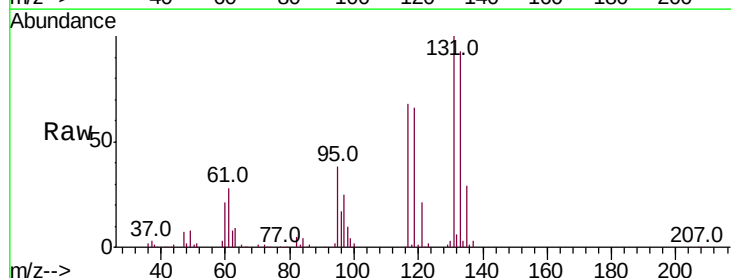
Tgt Ion:131 Resp: 59387

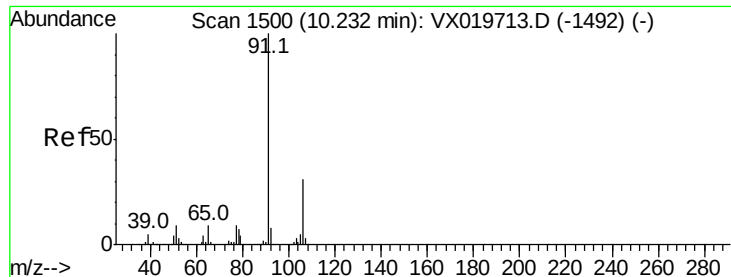
Ion Ratio Lower Upper

131 100

133 94.8 47.7 143.1

119 64.5 32.1 96.5

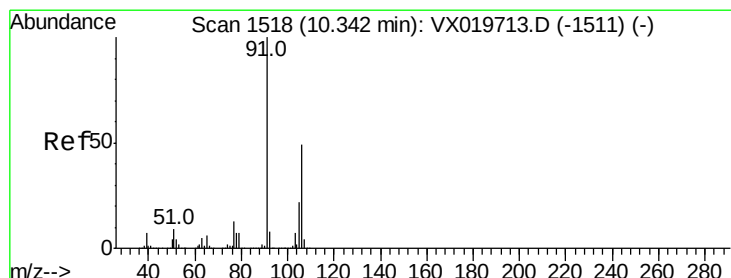
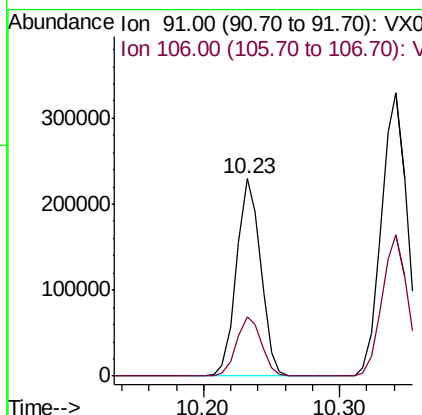
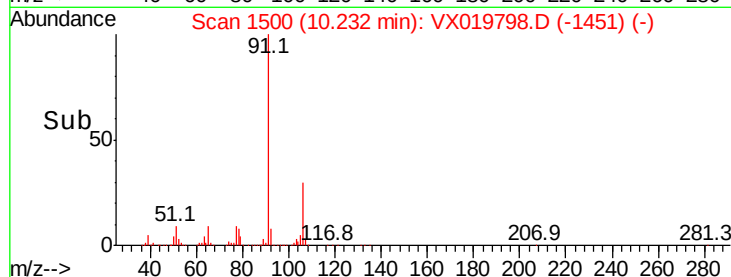
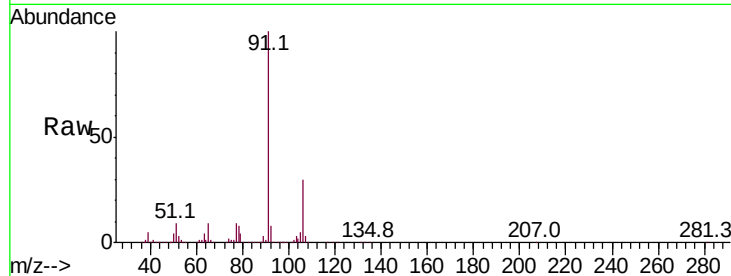




#67
Ethyl Benzene
Concen: 19.205 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

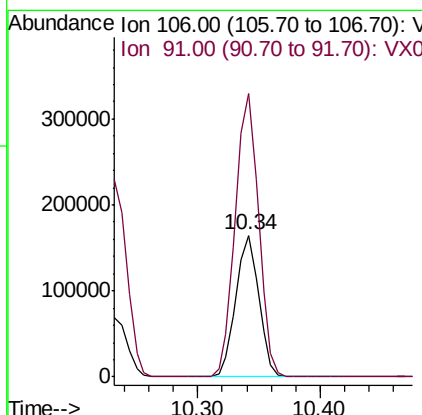
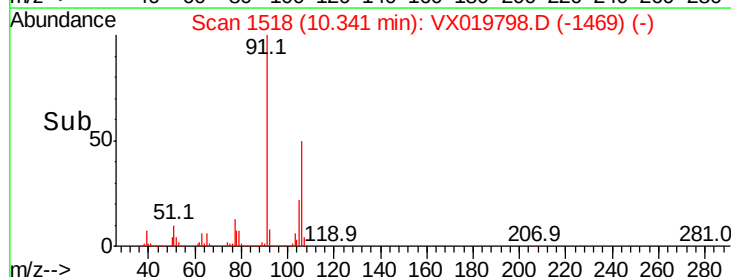
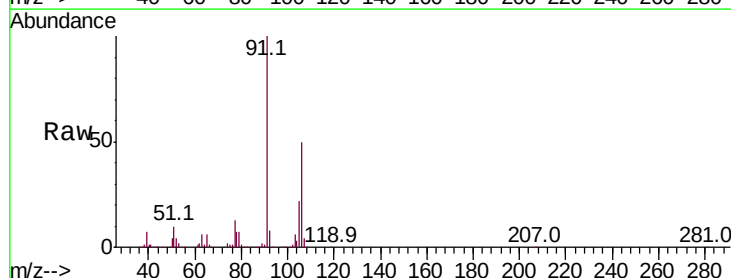
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

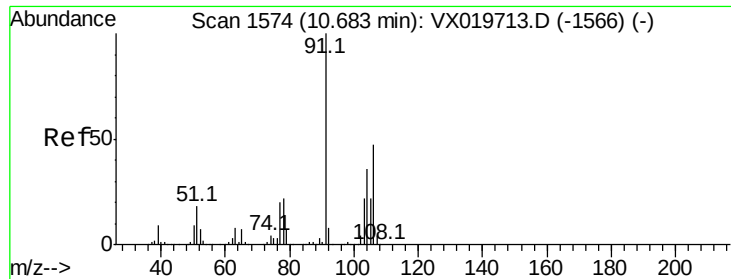
Tot Ion: 91 Resp: 285437
Ion Ratio Lower Upper
91 100
106 30.4 24.6 37.0



#68
m/p-Xylenes
Concen: 38.231 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion: 106 Resp: 214109
Ion Ratio Lower Upper
106 100
91 203.3 162.8 244.2

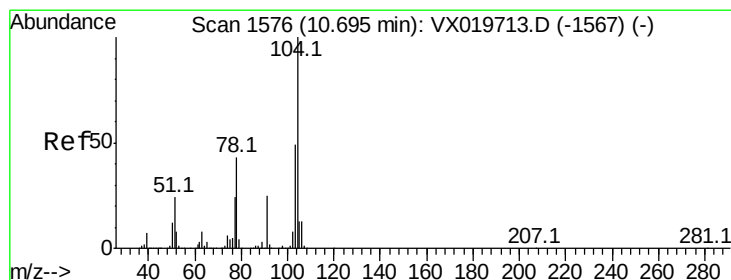
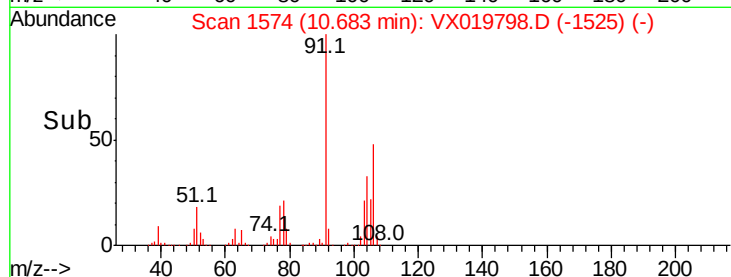
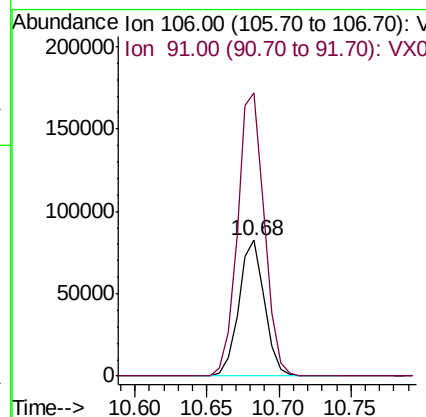
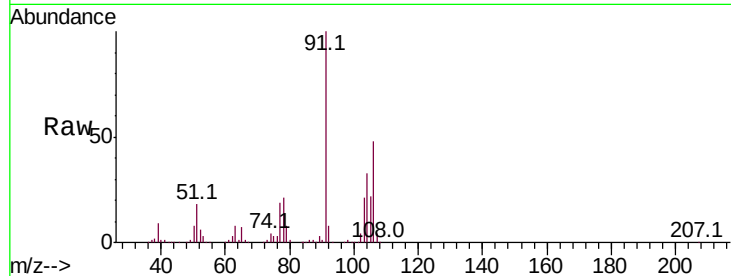




#69
o-Xylene
Concen: 19.050 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

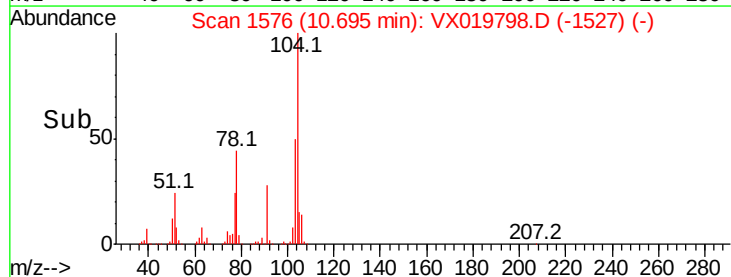
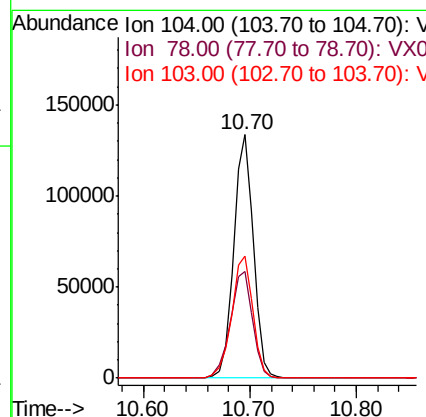
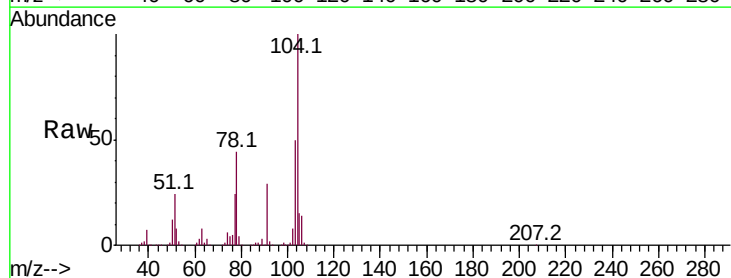
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

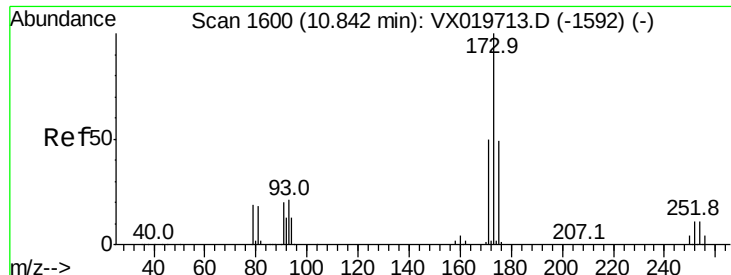
Tot Ion:106 Resp: 102630
Ion Ratio Lower Upper
106 100
91 217.5 108.1 324.2



#70
Styrene
Concen: 19.032 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion:104 Resp: 173065
Ion Ratio Lower Upper
104 100
78 49.4 40.0 60.0
103 54.2 43.4 65.0





#71

Bromoform

Concen: 18.781 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

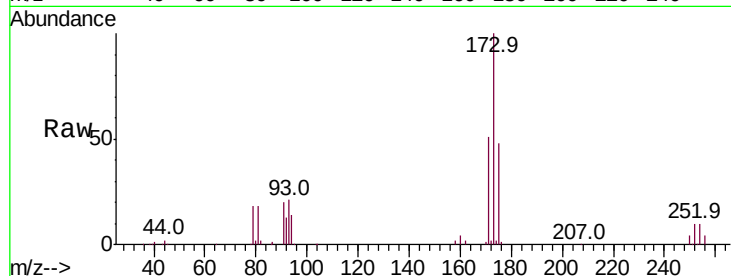
Tot Ion:173 Resp: 44525

Ion Ratio Lower Upper

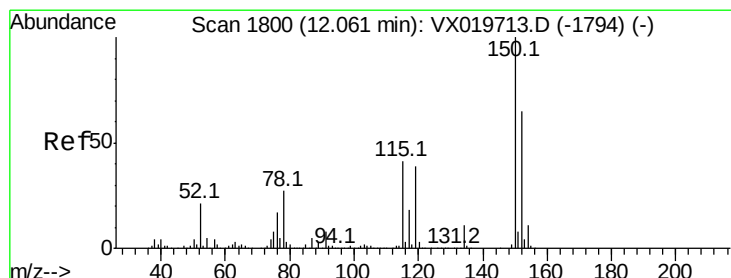
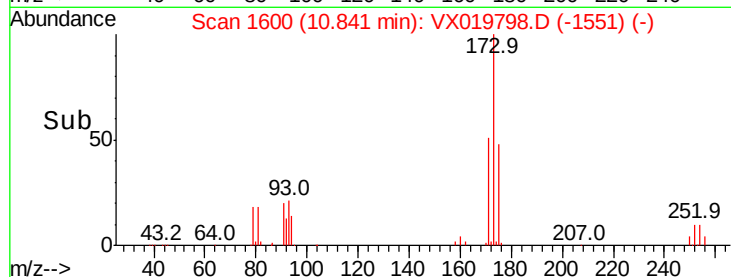
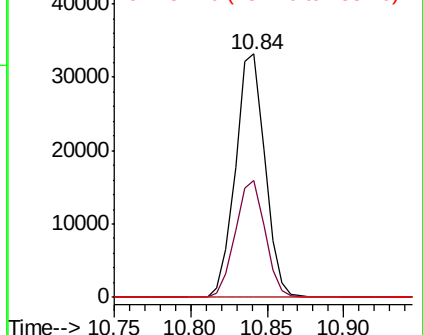
173 100

175 48.3 23.9 71.8

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: VX019798.D

Acq: 10 Dec 2020 00:19

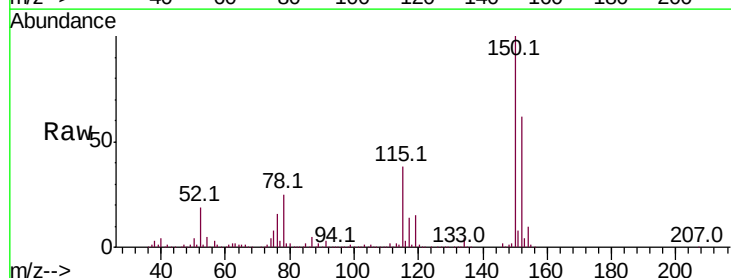
Tgt Ion:152 Resp: 202458

Ion Ratio Lower Upper

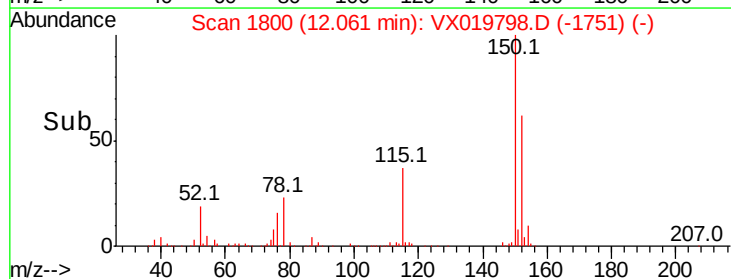
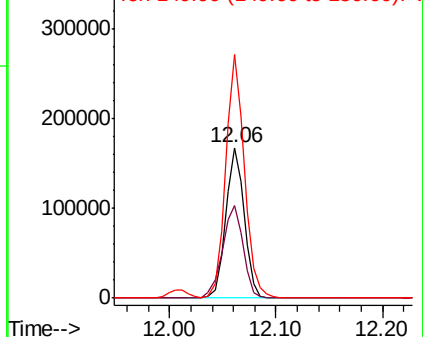
152 100

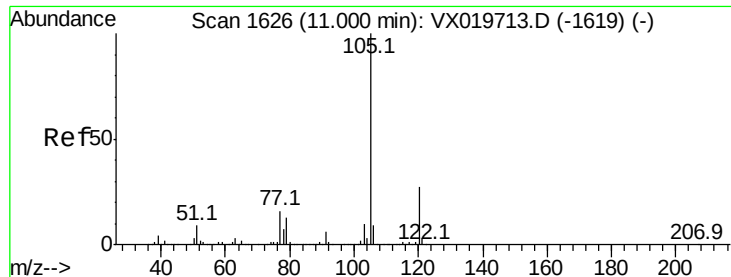
115 68.7 41.1 123.3

150 164.1 0.0 349.0



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





#73

Isopropylbenzene

Concen: 19.900 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

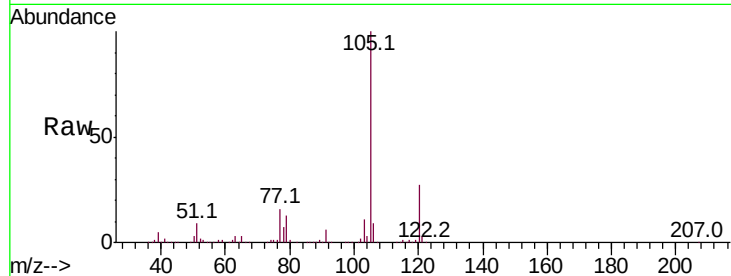
VX1209WBSD02

Tot Ion:105 Resp: 275256

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

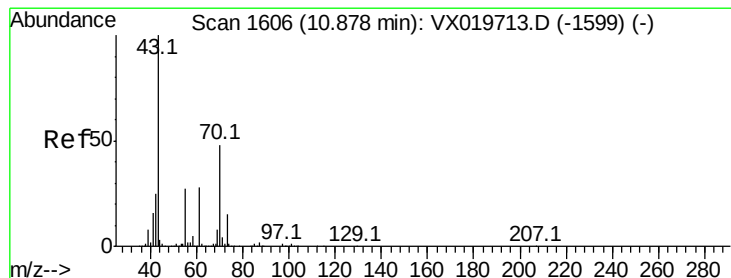
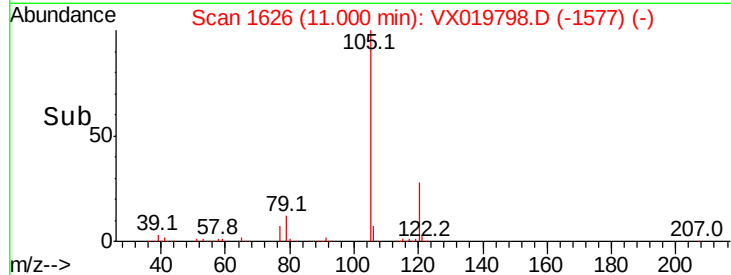
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 18.918 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Tgt Ion: 43 Resp: 104861

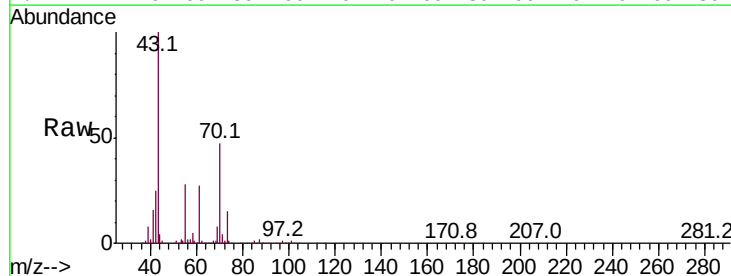
Ion Ratio Lower Upper

43 100

70 48.7 39.0 58.6

55 28.1 21.5 32.3

61 27.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

50000

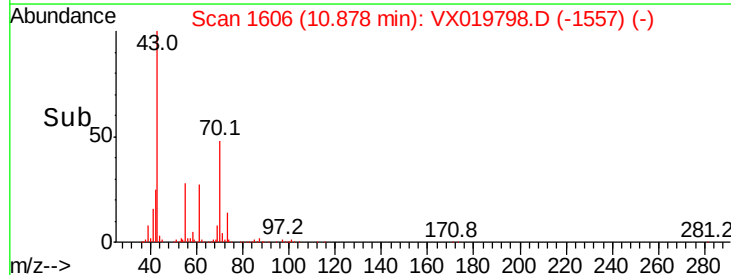
0

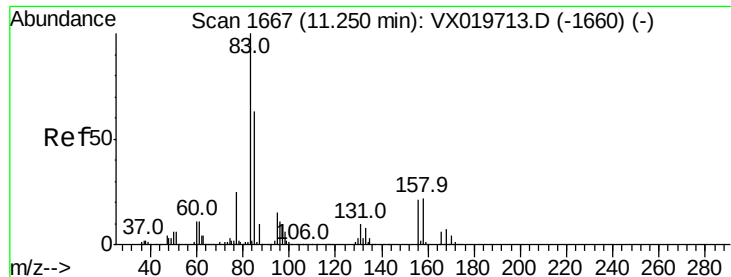
10.88

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.332 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

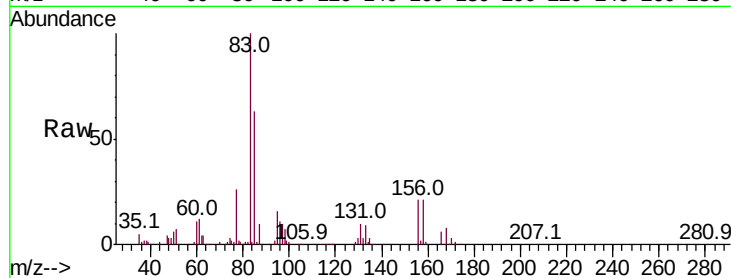
Tot Ion: 83 Resp: 99152

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

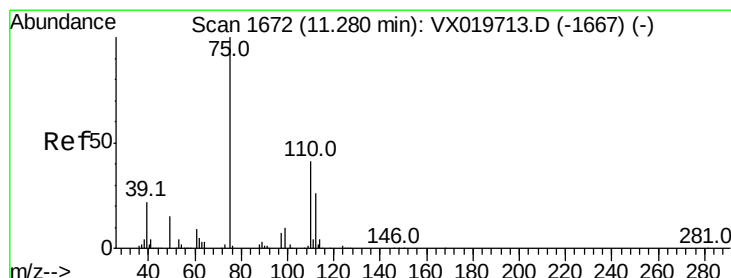
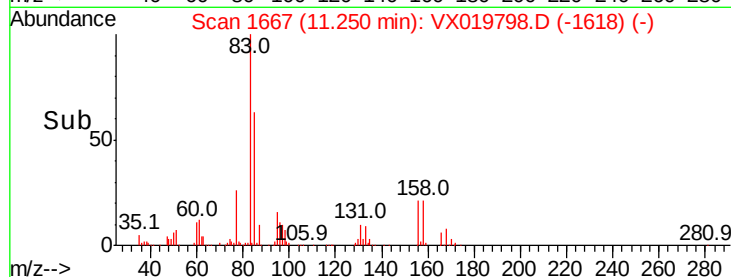
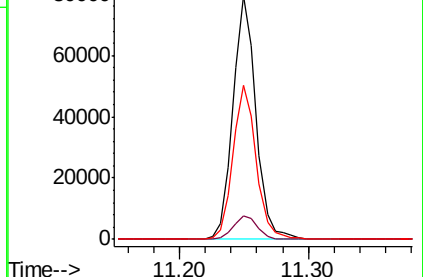
85 64.0 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.896 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019798.D

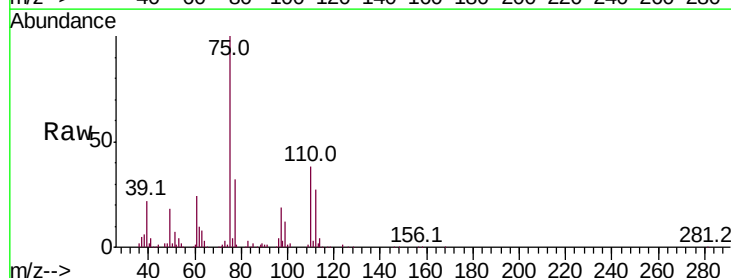
Acq: 10 Dec 2020 00:19

Tgt Ion: 75 Resp: 108508

Ion Ratio Lower Upper

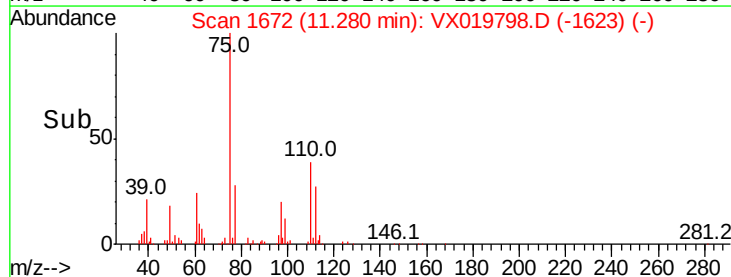
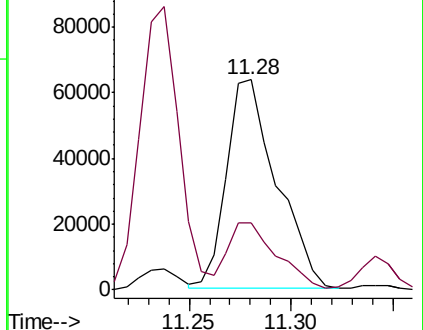
75 100

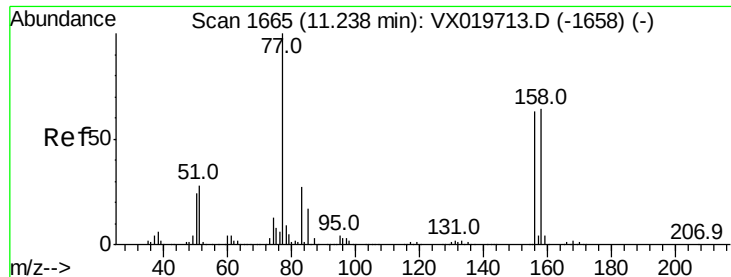
77 31.3 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.619 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

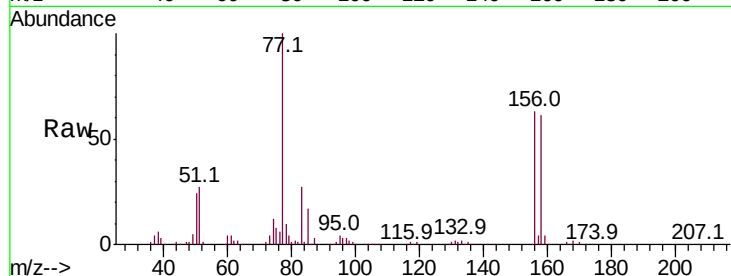
Tot Ion:156 Resp: 69447

Ion Ratio Lower Upper

156 100

77 165.9 82.8 248.6

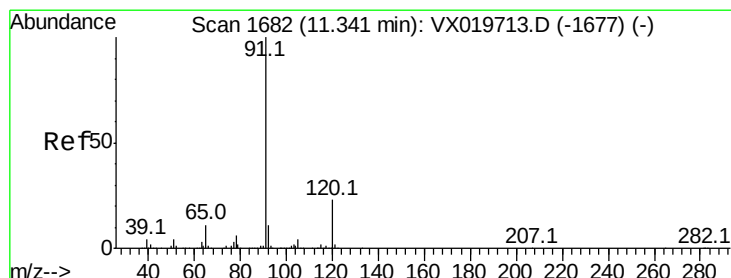
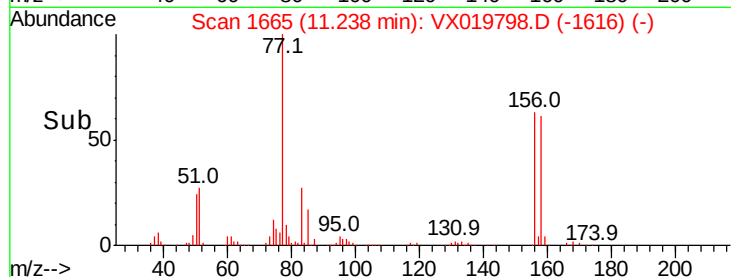
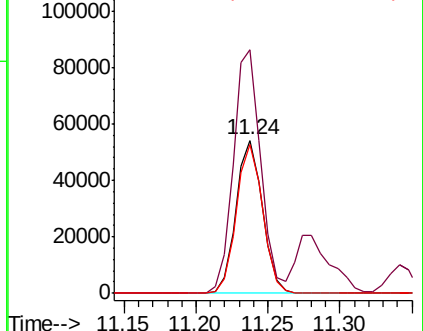
158 96.6 49.1 147.4



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: 19.699 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019798.D

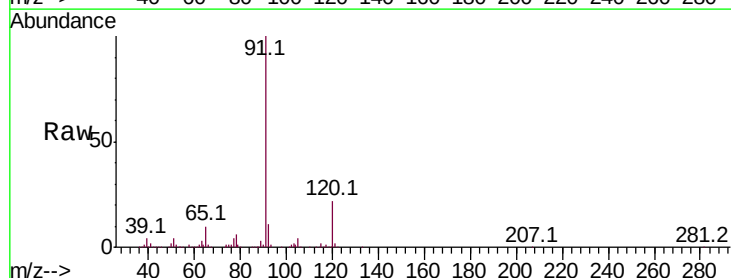
Acq: 10 Dec 2020 00:19

Tgt Ion: 91 Resp: 311207

Ion Ratio Lower Upper

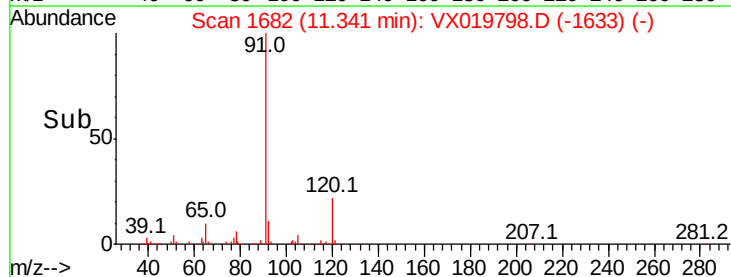
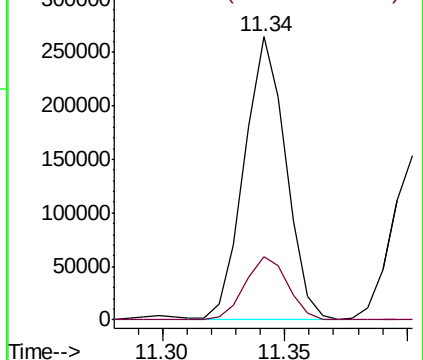
91 100

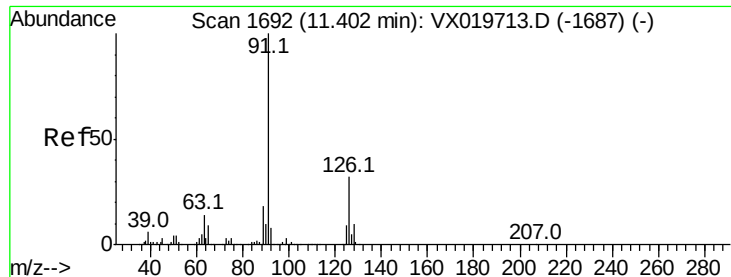
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

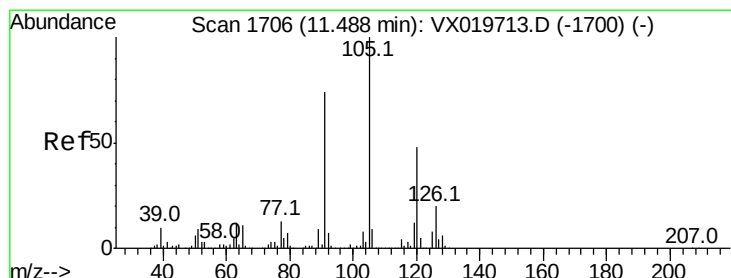
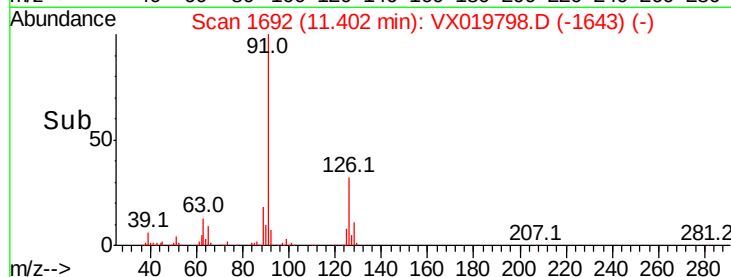
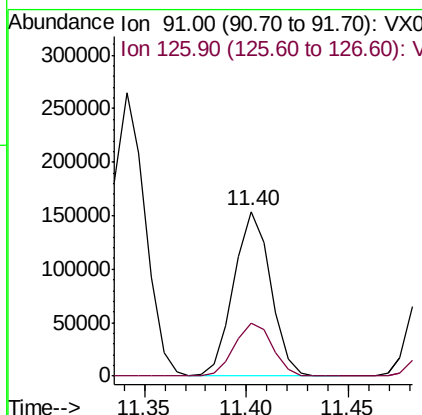
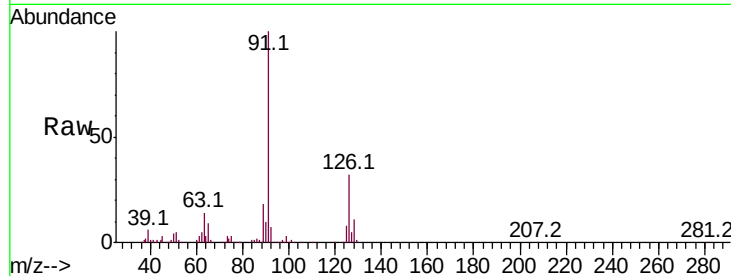




#79
2-Chlorotoluene
Concen: 19.773 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

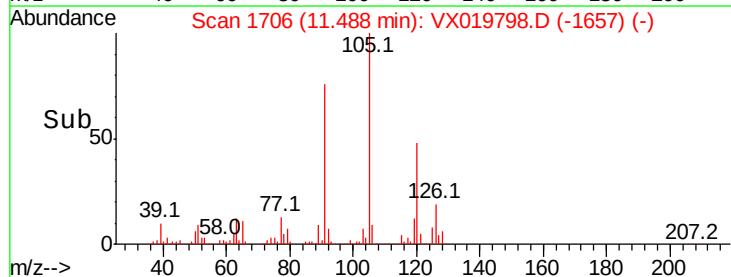
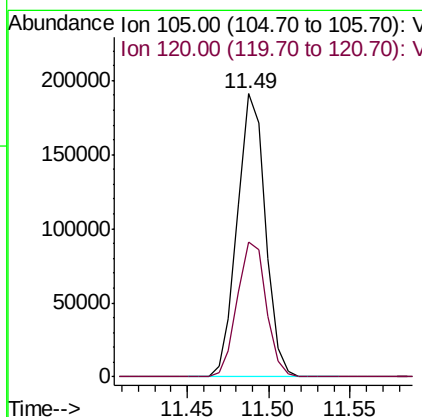
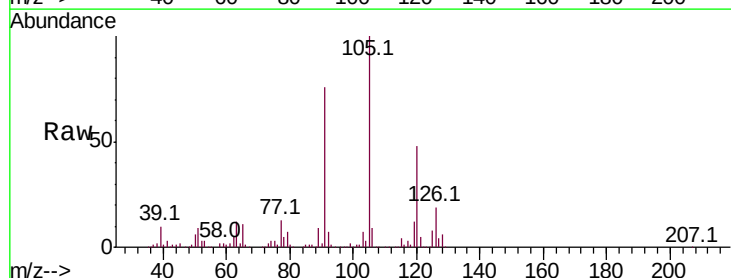
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

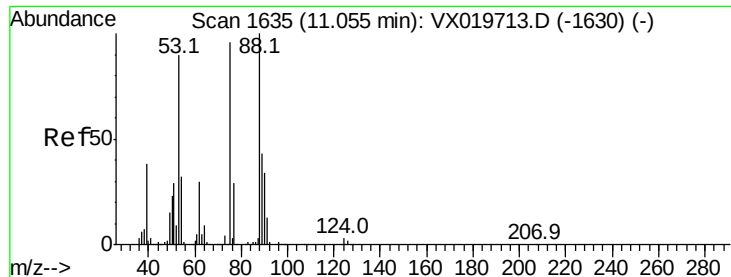
Tot Ion: 91 Resp: 192362
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 19.704 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion: 105 Resp: 230022
Ion Ratio Lower Upper
105 100
120 49.1 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 17.349 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD02

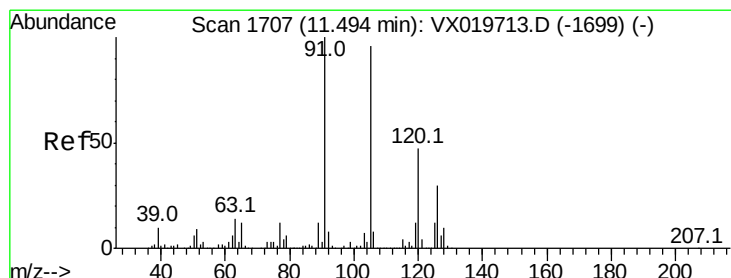
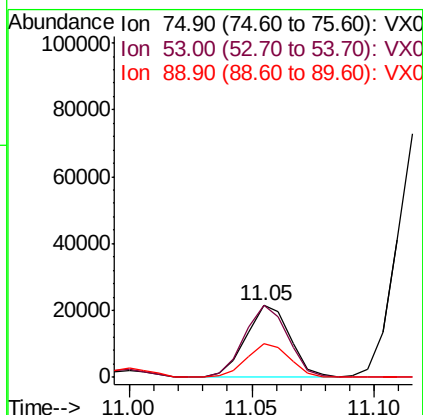
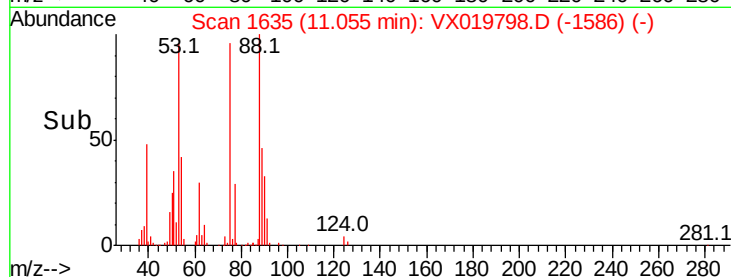
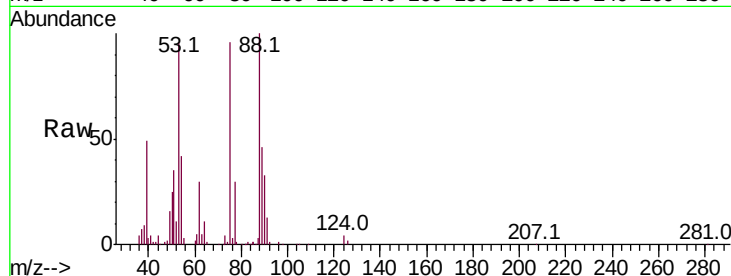
Tot Ion: 75 Resp: 27251

Ion Ratio Lower Upper

75 100

53 98.2 74.5 111.7

89 46.4 37.9 56.9



#82

4-Chlorotoluene

Concen: 19.382 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019798.D

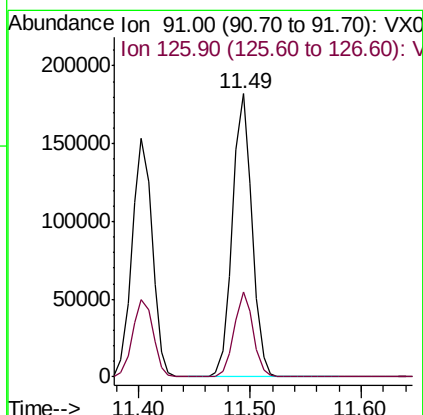
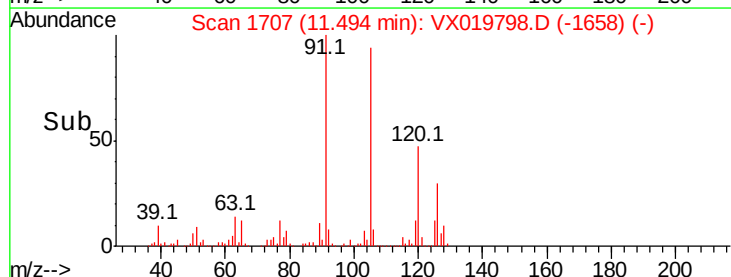
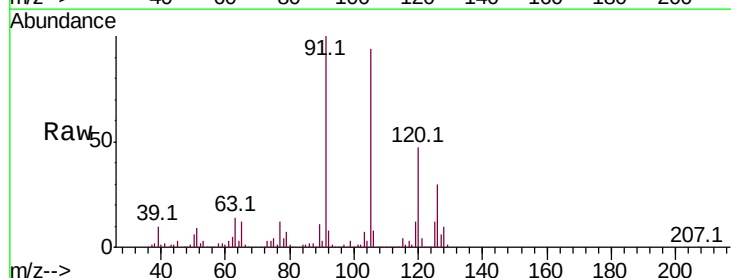
Acq: 10 Dec 2020 00:19

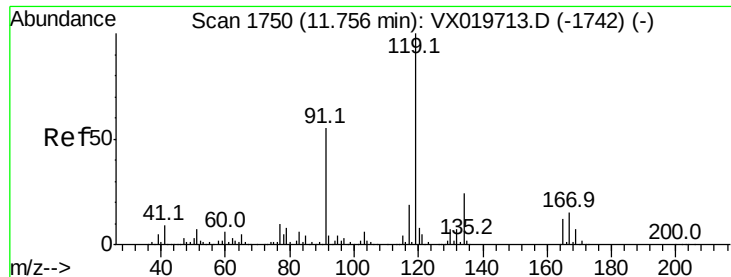
Tgt Ion: 91 Resp: 220839

Ion Ratio Lower Upper

91 100

126 29.1 14.9 44.5

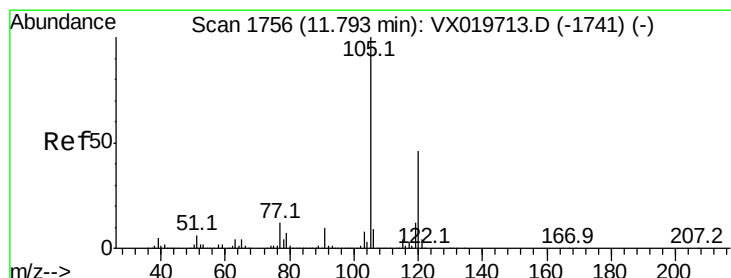
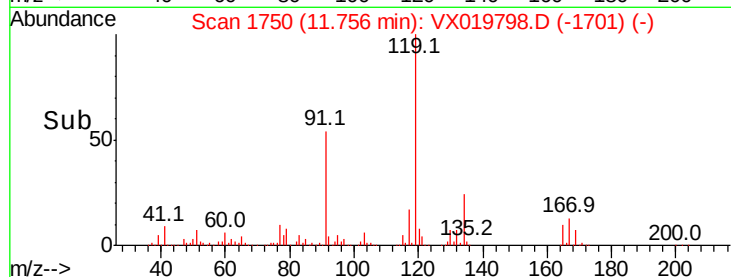
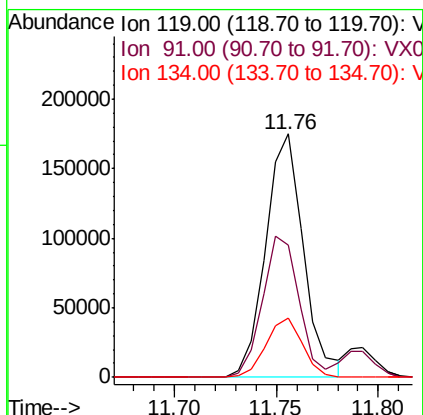
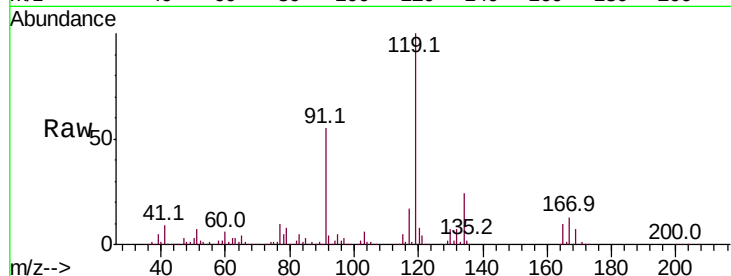




#83
tert-Butylbenzene
Concen: 19.807 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

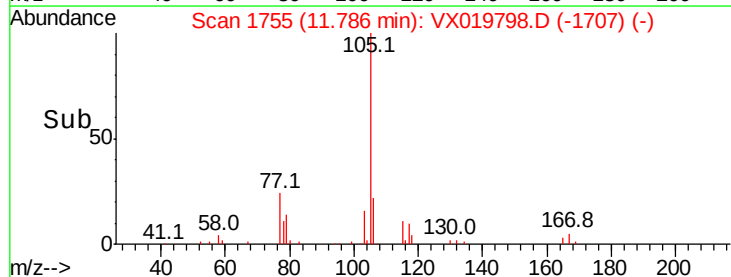
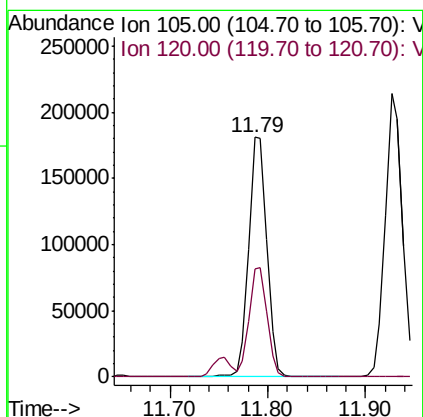
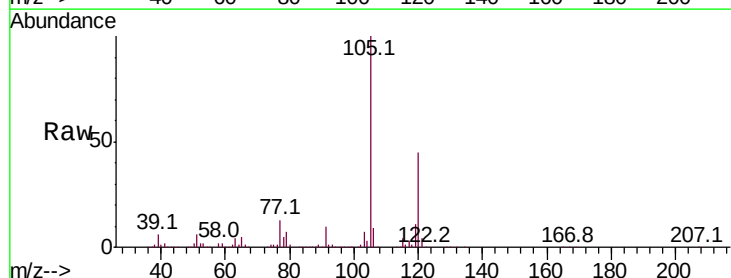
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

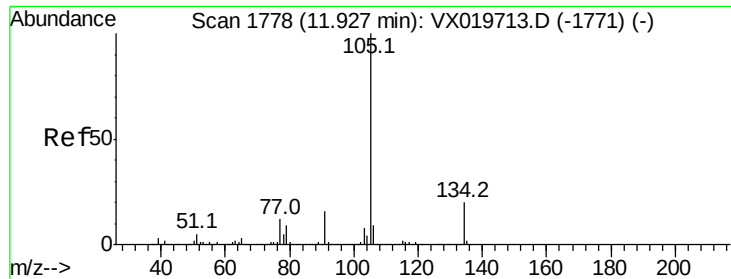
Tot Ion:119 Resp: 226765
Ion Ratio Lower Upper
119 100
91 56.3 27.9 83.7
134 23.4 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 19.905 ug/l
RT: 11.79 min Scan# 1755
Delta R.T. -0.01 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion:105 Resp: 234066
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.3

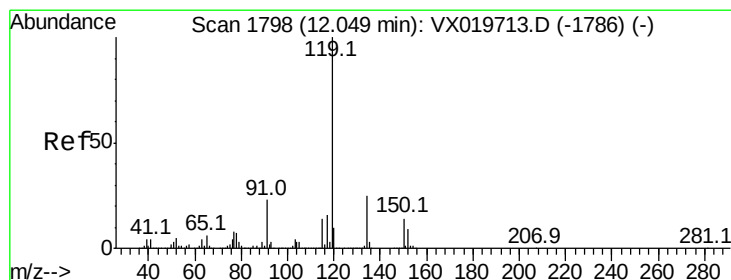
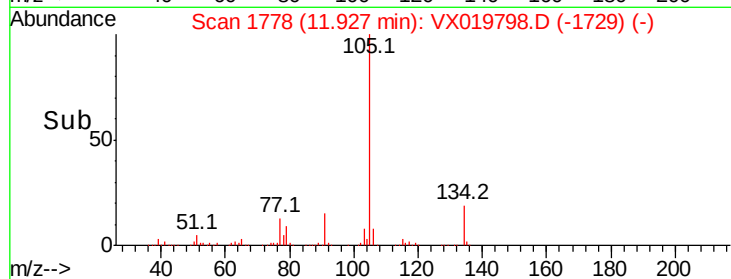
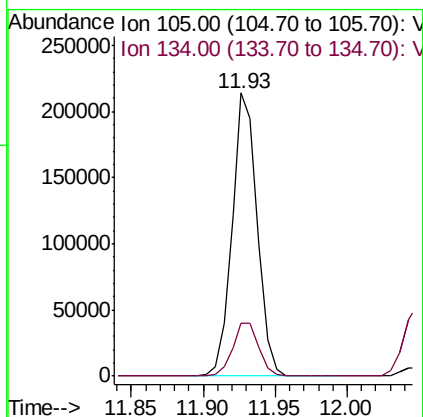
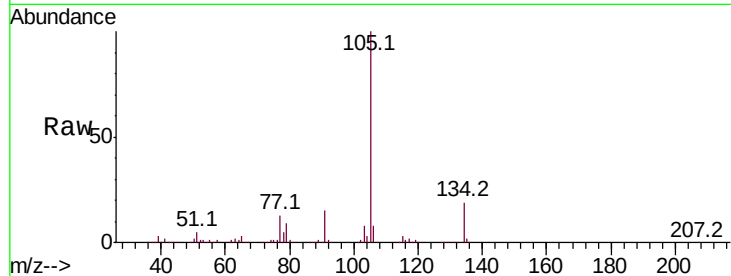




#85
 sec-Butylbenzene
 Concen: 19.943 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

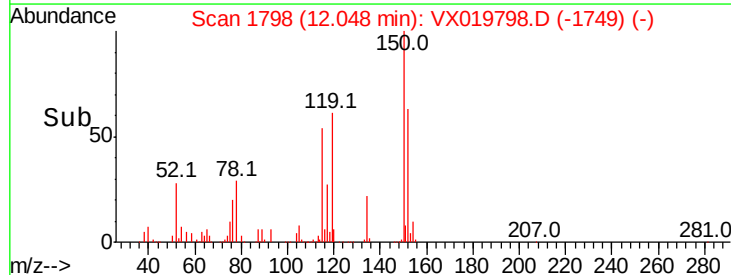
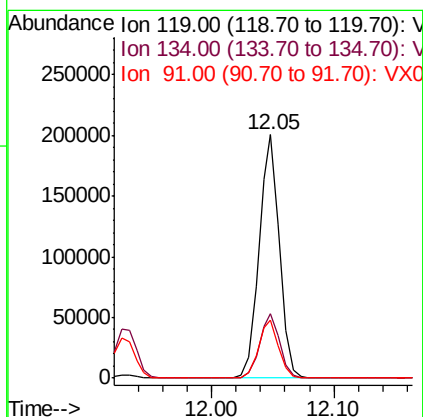
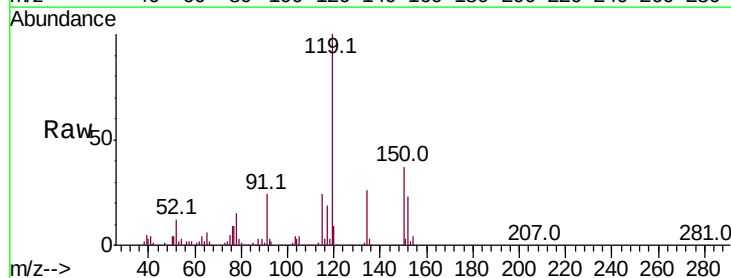
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

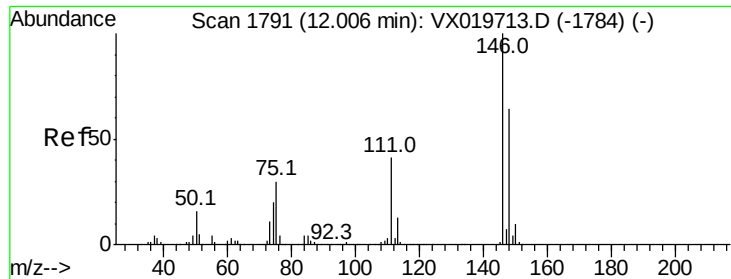
Tot Ion:105 Resp: 260691
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 19.441 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

Tgt Ion:119 Resp: 232901
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 23.9 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 18.954 ug/l

RT: 12.01 min Scan# 1791

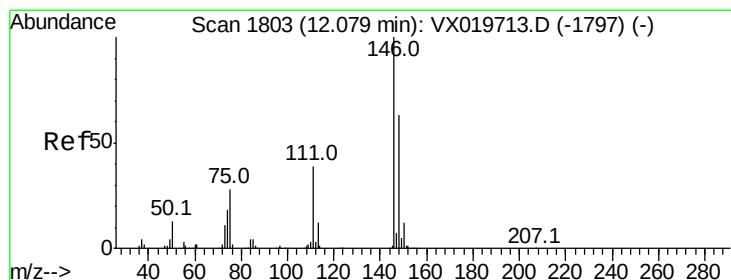
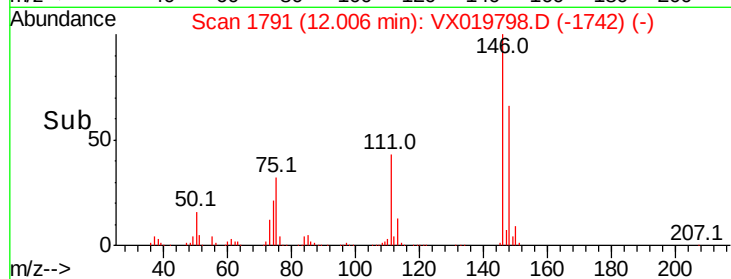
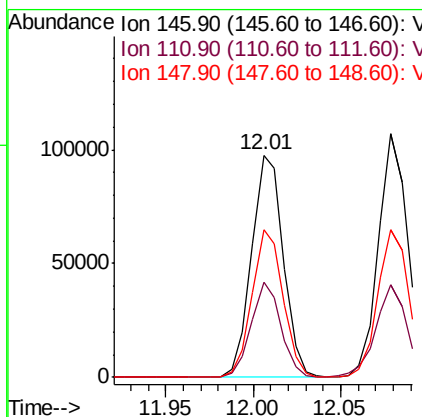
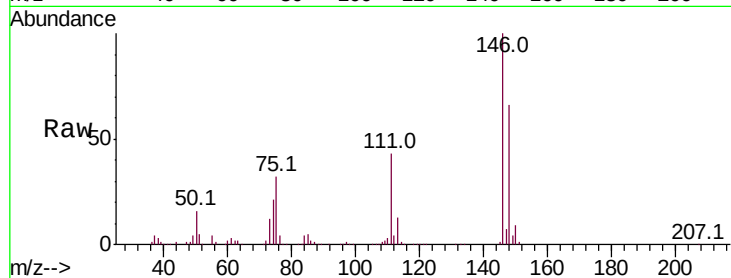
Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.5
148	64.7	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 18.864 ug/l

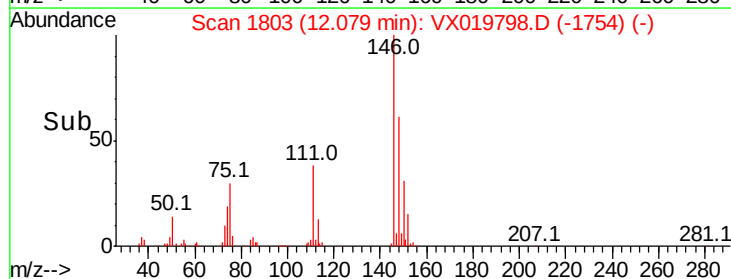
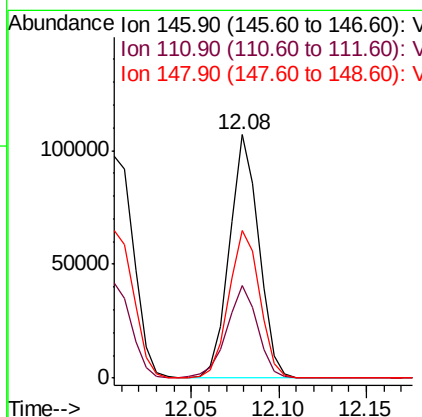
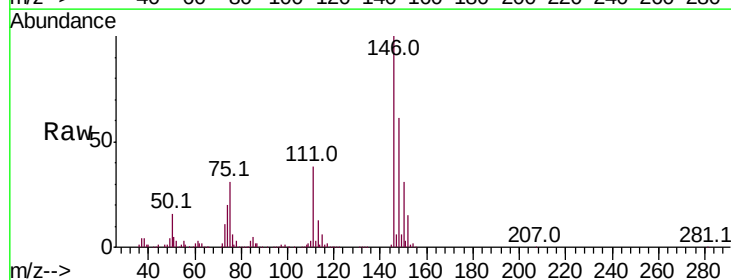
RT: 12.08 min Scan# 1803

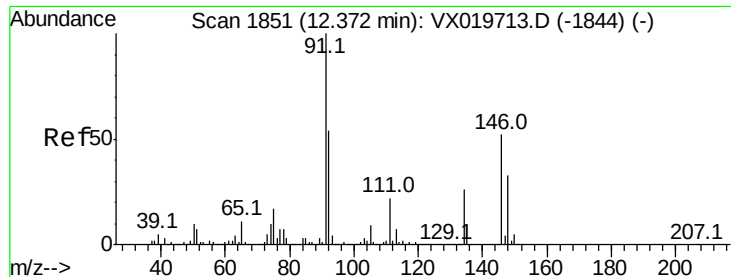
Delta R.T. -0.00 min

Lab File: VX019798.D

Acq: 10 Dec 2020 00:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.6	58.8
148	64.3	31.6	95.0

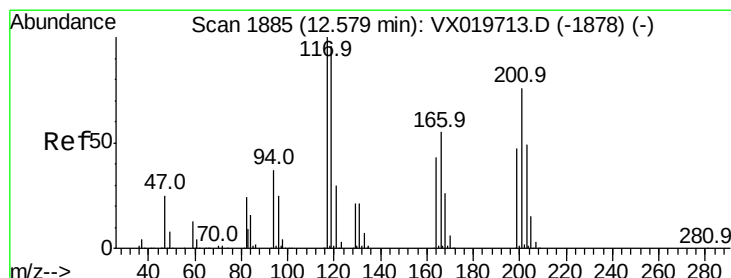
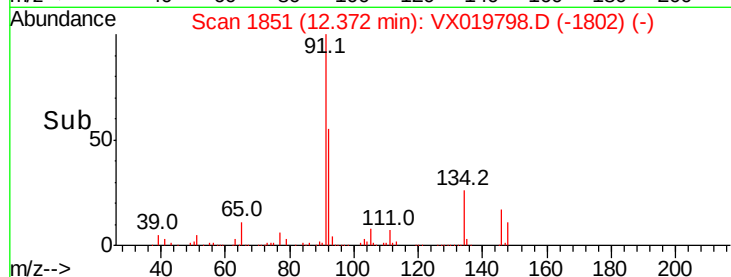
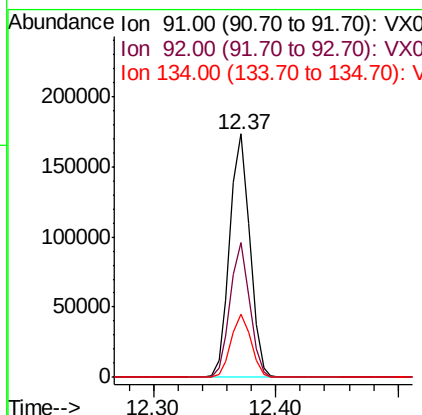
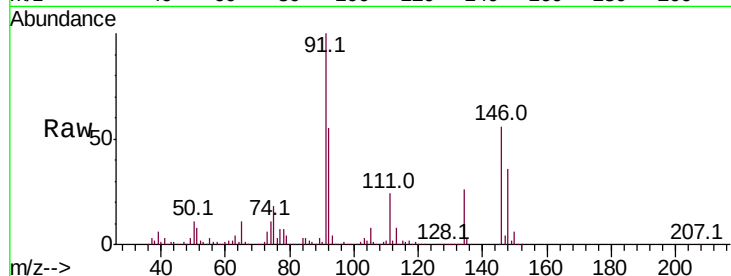




#89
n-Butylbenzene
Concen: 18.575 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

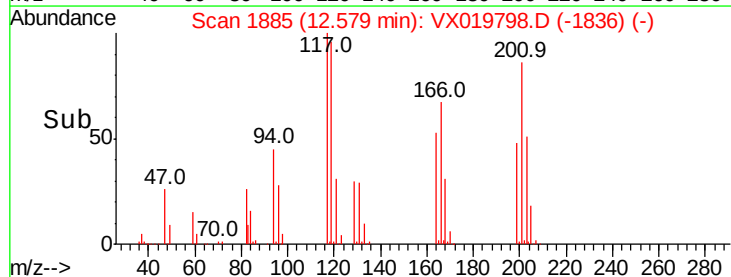
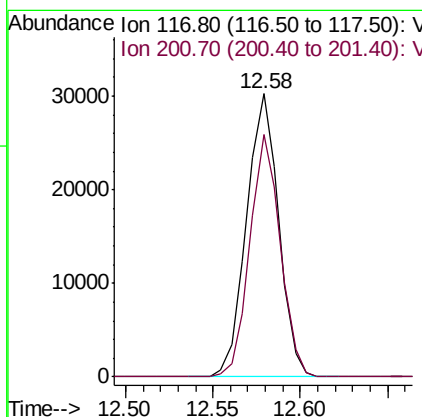
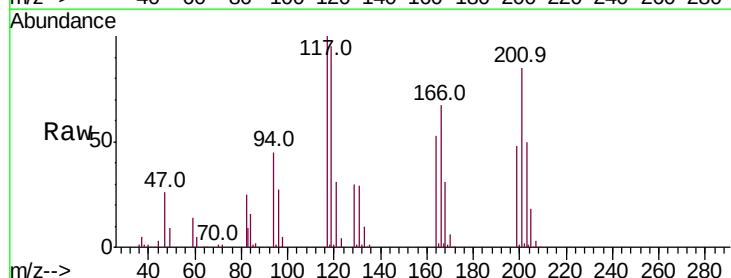
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

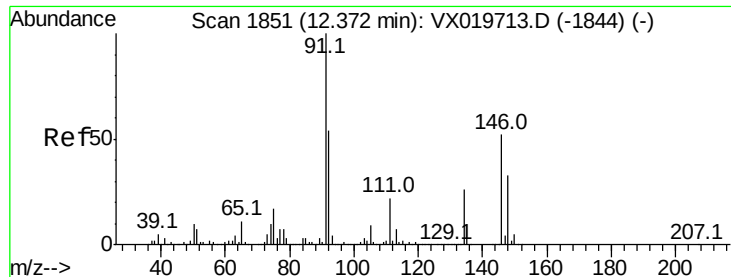
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.4	82.0
134	25.6	13.2	39.5



#90
Hexachloroethane
Concen: 18.708 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.8	40.4	121.2

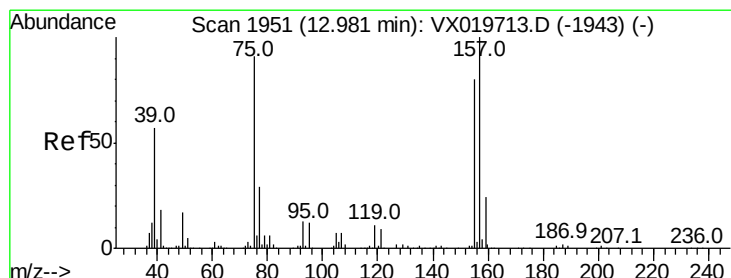
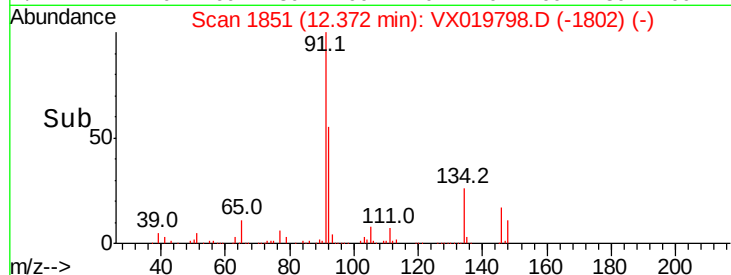
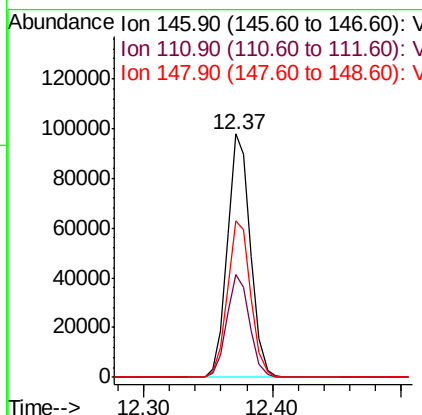
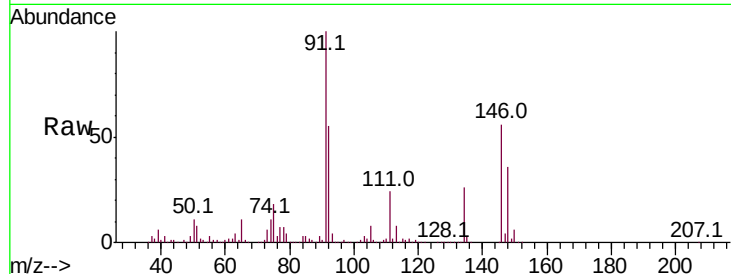




#91
1,2-Dichlorobenzene
Concen: 19.423 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

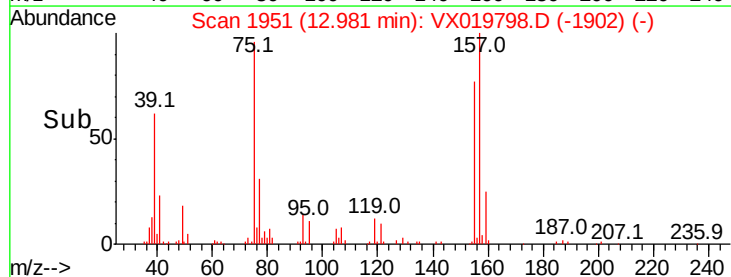
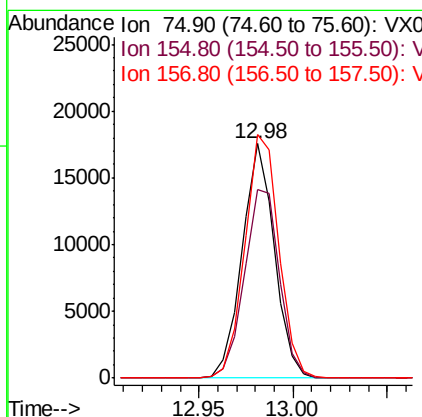
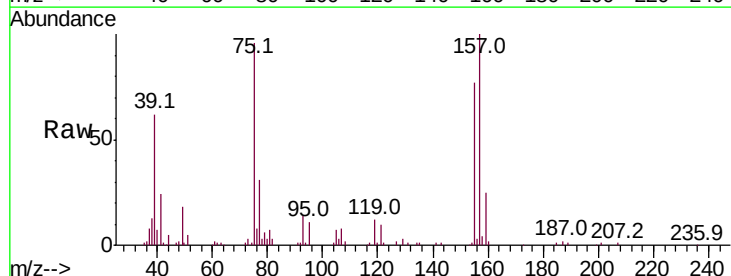
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

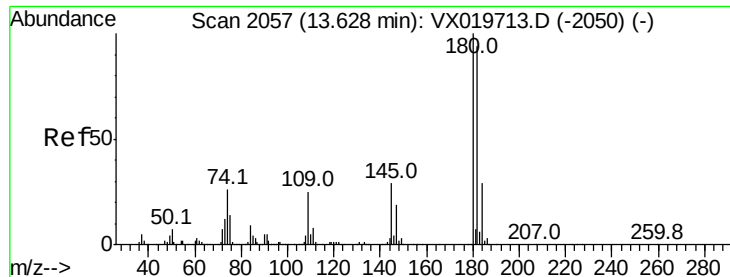
Tot Ion:146 Resp: 123008
Ion Ratio Lower Upper
146 100
111 42.0 20.8 62.2
148 65.0 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.864 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion: 75 Resp: 20824
Ion Ratio Lower Upper
75 100
155 87.3 45.3 135.9
157 109.3 57.7 173.1

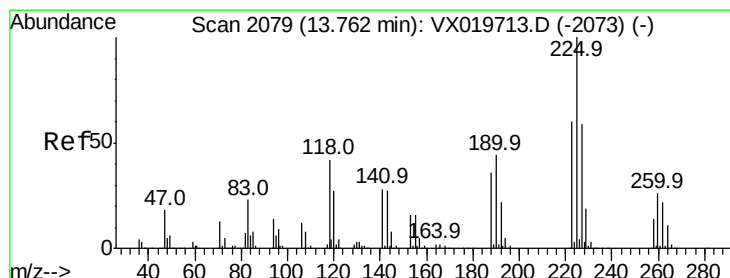
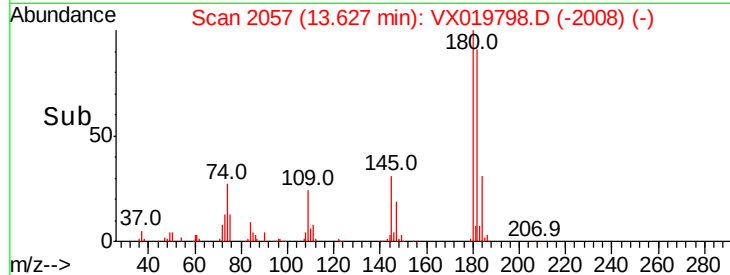
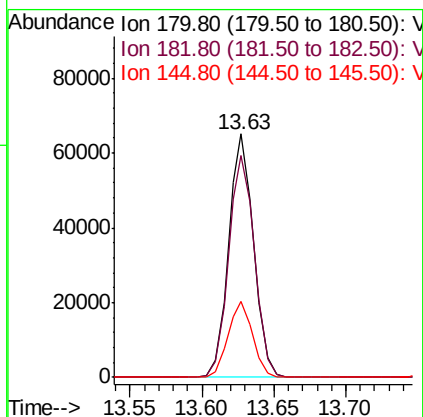
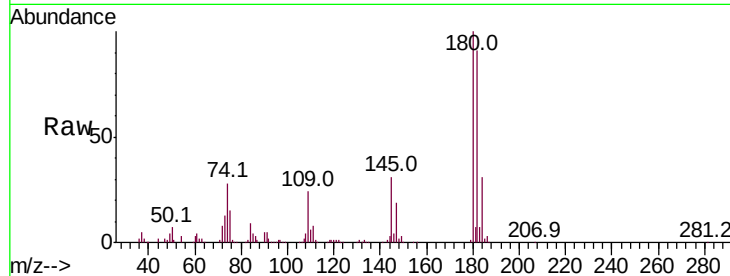




#93
 1,2,4-Trichlorobenzene
 Concen: 19.228 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

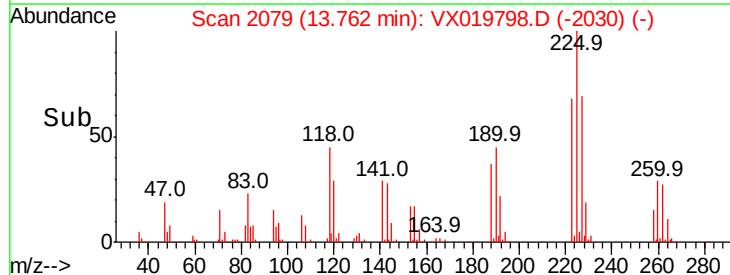
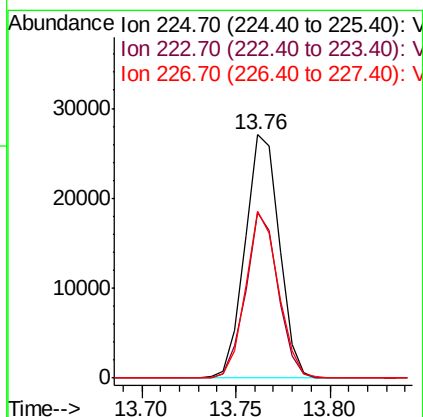
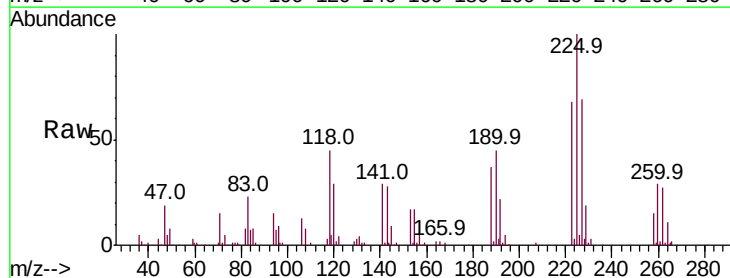
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD02

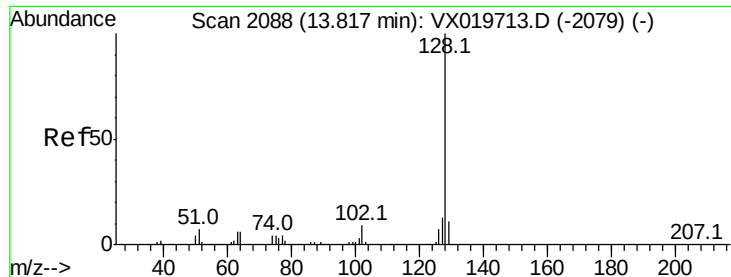
Tot Ion:180 Resp: 79270
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.7 143.1
 145 30.8 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 18.563 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019798.D
 Acq: 10 Dec 2020 00:19

Tgt Ion:225 Resp: 34205
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.1 93.2
 227 64.8 31.6 95.0

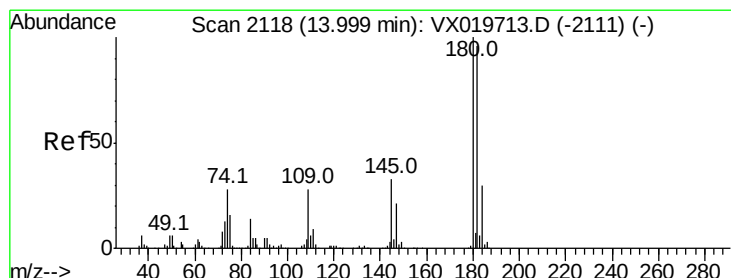
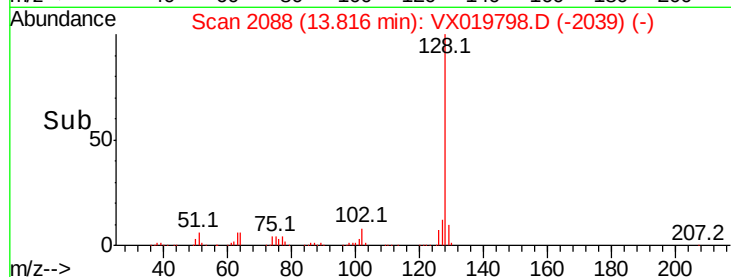
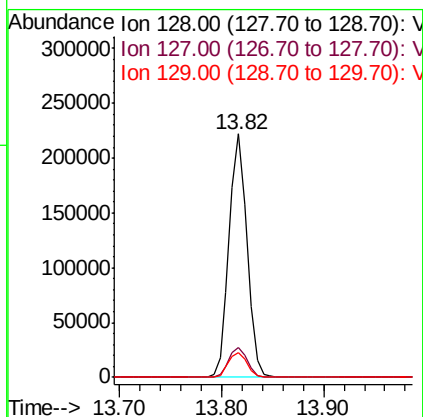
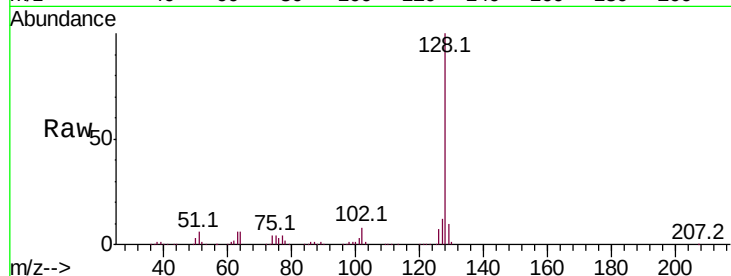




#95
Naphthalene
Concen: 20.223 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD02

Tot Ion:128 Resp: 270286
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.843 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019798.D
Acq: 10 Dec 2020 00:19

Tgt Ion:180 Resp: 79946
Ion Ratio Lower Upper
180 100
182 92.9 47.6 142.9
145 32.4 16.1 48.3

