

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120920\
 Data File : VX019793.D
 Acq On : 09 Dec 2020 20:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 10 05:42:58 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	276055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	453620	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	422183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	212725	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	172771	47.62	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.24%	
35) Dibromofluoromethane		5.46	113	143728	49.03	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.06%	
50) Toluene-d8		8.70	98	544643	48.66	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.32%	
62) 4-Bromofluorobenzene		11.12	95	208668	48.98	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	129123	51.089	ug/l	100
3) Chloromethane	1.31	50	133841	45.029	ug/l	100
4) Vinyl Chloride	1.39	62	161094	51.401	ug/l	100
5) Bromomethane	1.62	94	44593	42.851	ug/l	100
6) Chloroethane	1.70	64	103571	55.012	ug/l	99
7) Trichlorofluoromethane	1.91	101	228580	52.370	ug/l	95
8) Diethyl Ether	2.17	74	94770	51.237	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	132883	53.115	ug/l	99
10) Methyl Iodide	2.49	142	153649	41.666	ug/l	100
11) Tert butyl alcohol	3.01	59	189643	254.293	ug/l	100
12) 1,1-Dichloroethene	2.36	96	135898	53.730	ug/l	99
13) Acrolein	2.27	56	91034	227.312	ug/l	98
14) Allyl chloride	2.70	41	215271	50.395	ug/l	99
15) Acrylonitrile	3.11	53	439920	268.211	ug/l	100
16) Acetone	2.42	43	343426	251.827	ug/l	98
17) Carbon Disulfide	2.55	76	335514	46.231	ug/l	99
18) Methyl Acetate	2.75	43	185508	55.588	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	485727	52.733	ug/l	100
20) Methylene Chloride	2.83	84	162347	52.208	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	152215	51.620	ug/l	98
22) Diisopropyl ether	3.82	45	460569	53.327	ug/l	96
23) Vinyl Acetate	3.78	43	1984842	269.748	ug/l	99
24) 1,1-Dichloroethane	3.67	63	273457	52.505	ug/l	99
25) 2-Butanone	4.63	43	555092	264.894	ug/l	100
26) 2,2-Dichloropropane	4.55	77	206819	46.112	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	178034	51.592	ug/l	98
28) Bromochloromethane	4.98	49	121368	48.884	ug/l	99
29) Tetrahydrofuran	5.08	42	361761	267.947	ug/l	99
30) Chloroform	5.17	83	284726	53.168	ug/l	98
31) Cyclohexane	5.55	56	232640	51.547	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	242244	52.527	ug/l	100
36) 1,1-Dichloropropene	5.76	75	204698	49.938	ug/l	100
37) Ethyl Acetate	4.79	43	215308	52.023	ug/l	100
38) Carbon Tetrachloride	5.75	117	207085	51.590	ug/l	99

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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)
39) Methylcyclohexane	7.44	83	244196	50.706	ug/l	98
40) Benzene	6.11	78	641198	51.208	ug/l	99
41) Methacrylonitrile	4.99	41	117571	51.740	ug/l	98
42) 1,2-Dichloroethane	6.16	62	221705	51.823	ug/l	100
43) Isopropyl Acetate	6.41	43	342561	50.911	ug/l	100
44) Trichloroethene	7.18	130	165186	50.280	ug/l	99
45) 1,2-Dichloropropane	7.49	63	162685	51.985	ug/l	100
46) Dibromomethane	7.63	93	109975	52.038	ug/l	99
47) Bromodichloromethane	7.87	83	219405	52.319	ug/l	98
48) Methyl methacrylate	7.74	41	173240	52.350	ug/l	99
49) 1,4-Dioxane	7.71	88	83558	1042.326	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1097317	267.113	ug/l	99
52) Toluene	8.76	92	400670	51.162	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	237055	50.940	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	258455	51.122	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	166616	52.794	ug/l	99
56) Ethyl methacrylate	9.16	69	253600	53.112	ug/l	100
57) 1,3-Dichloropropane	9.35	76	279243	51.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	682323	269.744	ug/l	100
59) 2-Hexanone	9.47	43	840295	263.887	ug/l	100
60) Dibromochloromethane	9.56	129	170937	53.311	ug/l	99
61) 1,2-Dibromoethane	9.65	107	173210	51.686	ug/l	100
64) Tetrachloroethene	9.32	164	141199	49.872	ug/l	95
65) Chlorobenzene	10.12	112	421558	50.119	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	159822	52.792	ug/l	99
67) Ethyl Benzene	10.23	91	767957	51.437	ug/l	98
68) m/p-Xylenes	10.34	106	577340	102.623	ug/l	100
69) o-Xylene	10.68	106	281375	51.993	ug/l	99
70) Styrene	10.70	104	478776	52.414	ug/l	100
71) Bromoform	10.84	173	124913	52.450	ug/l #	98
73) Isopropylbenzene	11.00	105	747199	51.413	ug/l	100
74) N-amyl acetate	10.88	43	301505	51.768	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	266508	52.013	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	298900	62.649	ug/l	89
77) Bromobenzene	11.24	156	187348	50.373	ug/l	99
78) n-propylbenzene	11.34	91	850324	51.227	ug/l	100
79) 2-Chlorotoluene	11.40	91	520350	50.904	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	639343	52.125	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	82750	50.139	ug/l	98
82) 4-Chlorotoluene	11.49	91	602504	50.327	ug/l	99
83) tert-Butylbenzene	11.76	119	623643	51.842	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	643315	52.067	ug/l	100
85) sec-Butylbenzene	11.93	105	725779	52.844	ug/l	99
86) p-Isopropyltoluene	12.05	119	659938	52.429	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	341313	50.001	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	338744	48.722	ug/l	99
89) n-Butylbenzene	12.37	91	575993	51.650	ug/l	99
90) Hexachloroethane	12.58	117	112919	51.961	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	340960	51.239	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	58543	53.148	ug/l	98

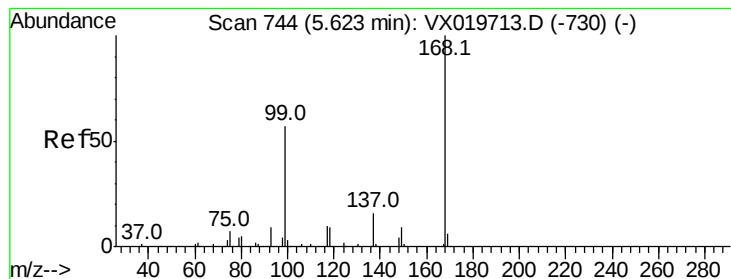
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	217625	50.240	ug/l	99
94) Hexachlorobutadiene	13.76	225	94545	48.834	ug/l	97
95) Naphthalene	13.82	128	767609	54.660	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	222457	52.549	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

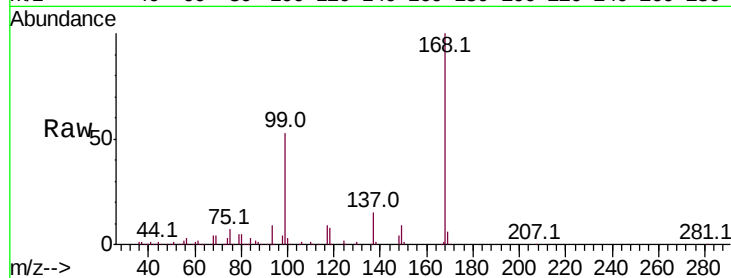
VSTDCCC050EC

Tot Ion:168 Resp: 276055

Ion Ratio Lower Upper

168 100

99 53.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

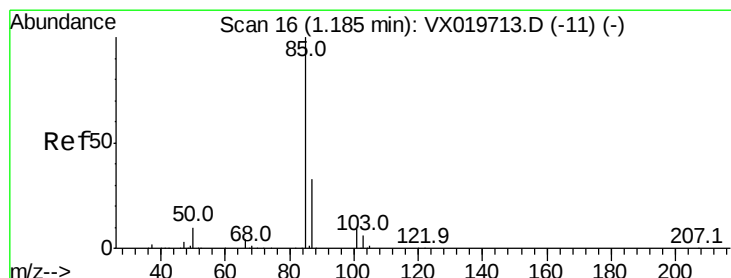
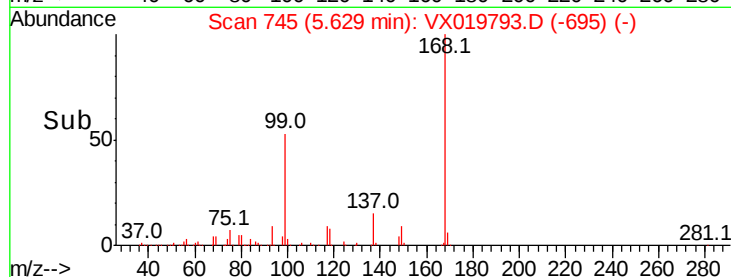
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.089 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019793.D

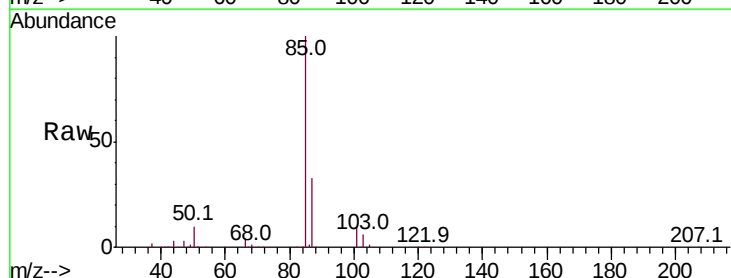
Acq: 09 Dec 2020 20:50

Tgt Ion: 85 Resp: 129123

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

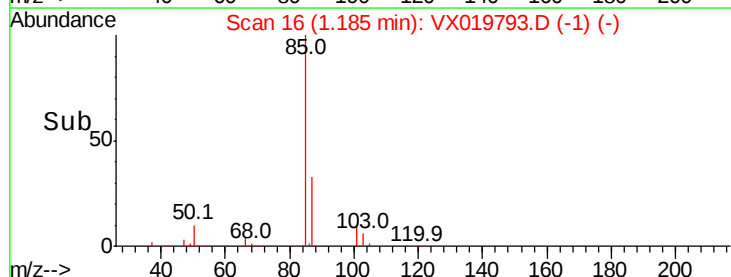
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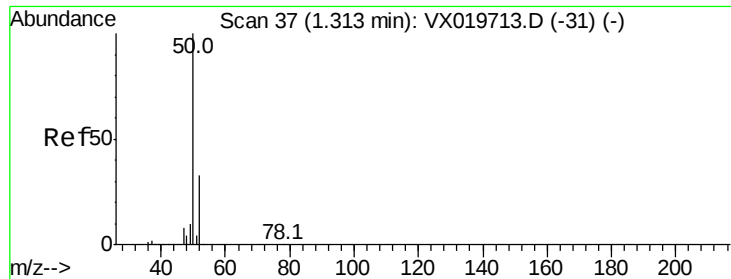
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.029 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

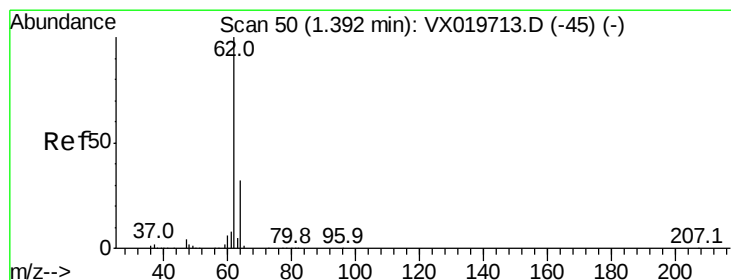
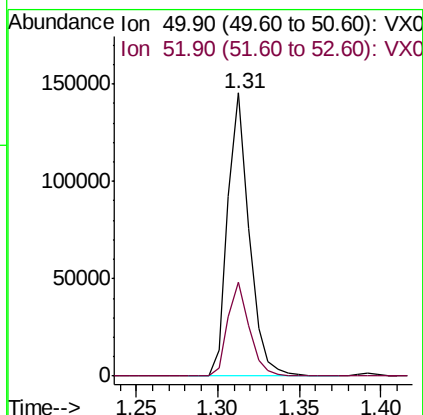
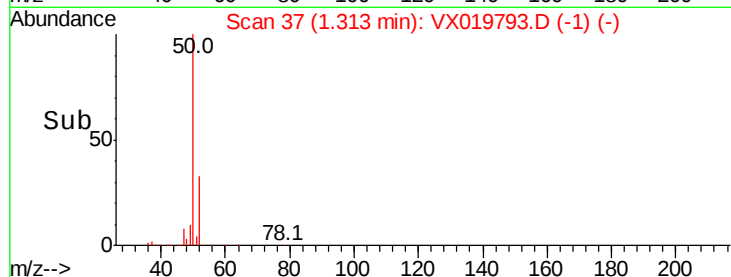
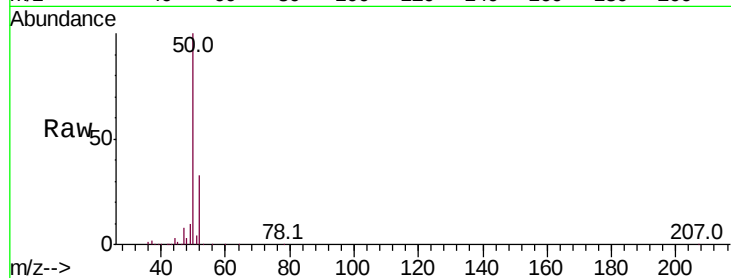
VSTDCCC050EC

Tot Ion: 50 Resp: 133841

Ion Ratio Lower Upper

50 100

52 33.2 26.4 39.6



#4

Vinyl Chloride

Concen: 51.401 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019793.D

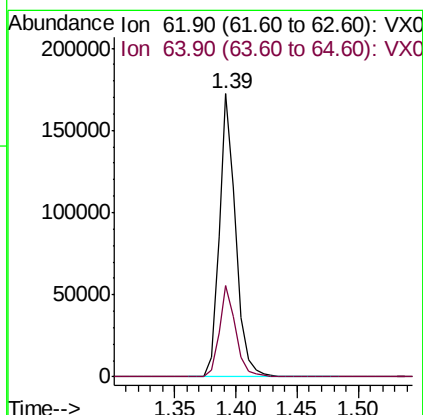
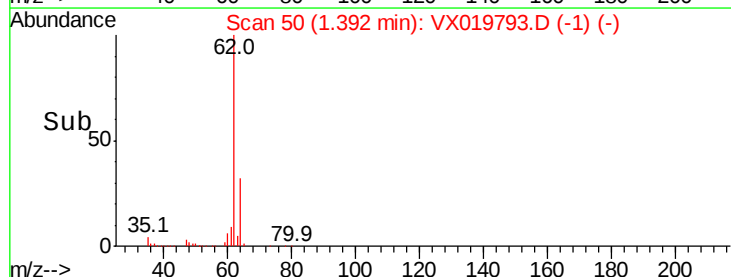
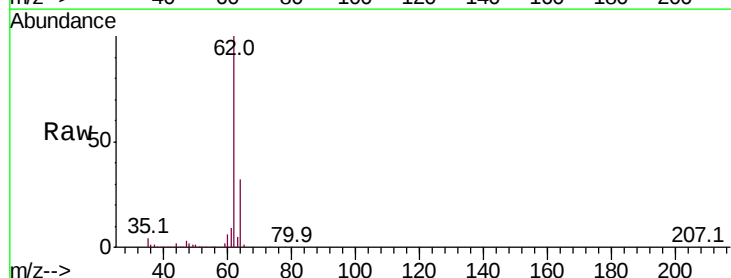
Acq: 09 Dec 2020 20:50

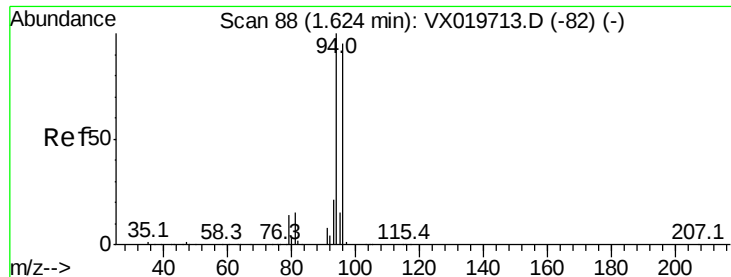
Tgt Ion: 62 Resp: 161094

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 42.851 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

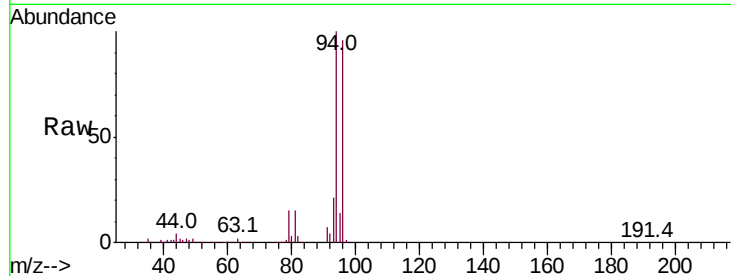
VSTDCCC050EC

Tot Ion: 94 Resp: 44593

Ion Ratio Lower Upper

94 100

96 95.9 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

50000

40000

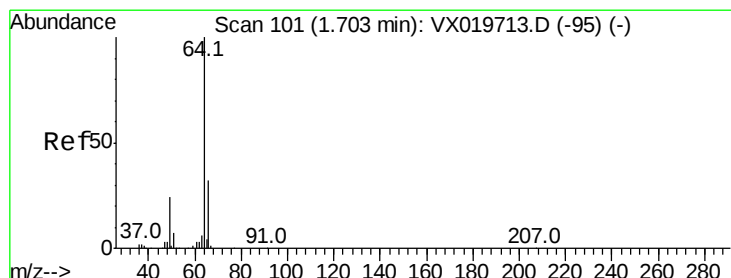
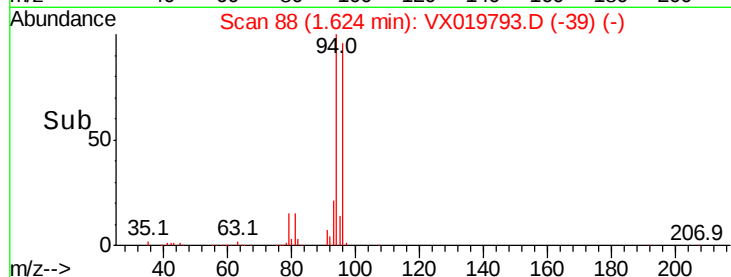
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 55.012 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX019793.D

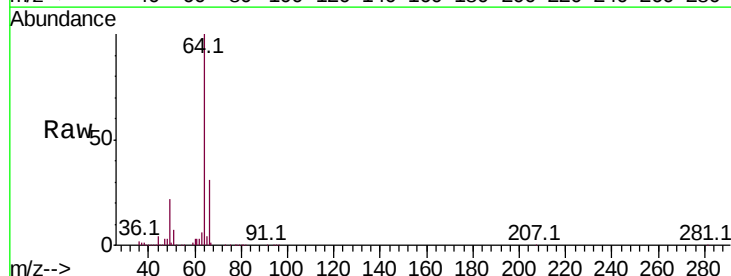
Acq: 09 Dec 2020 20:50

Tgt Ion: 64 Resp: 103571

Ion Ratio Lower Upper

64 100

66 30.9 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

100000

80000

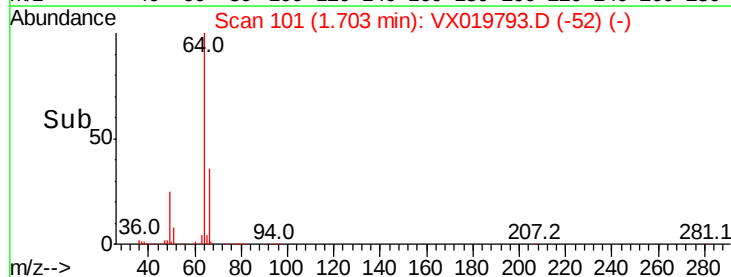
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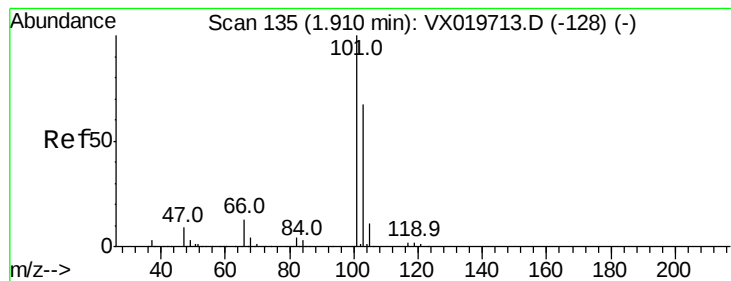
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20000

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Time--> 1.65 1.70 1.75 1.80



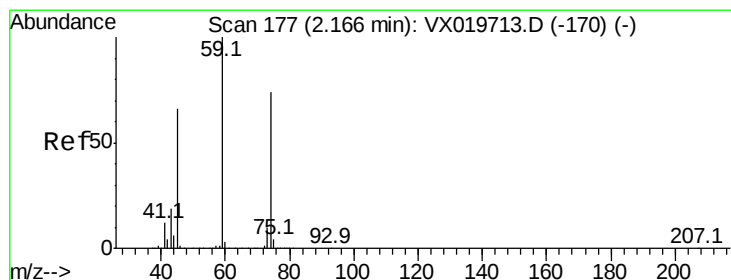
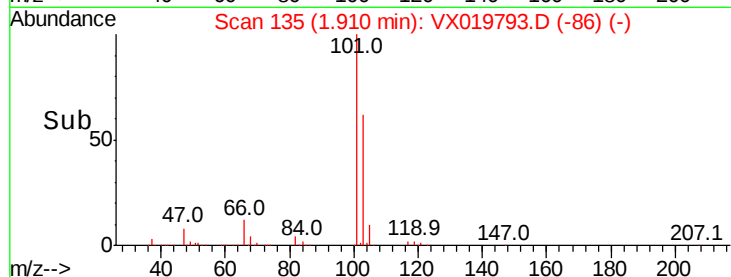
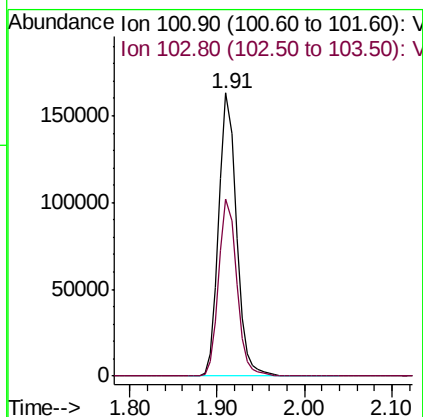
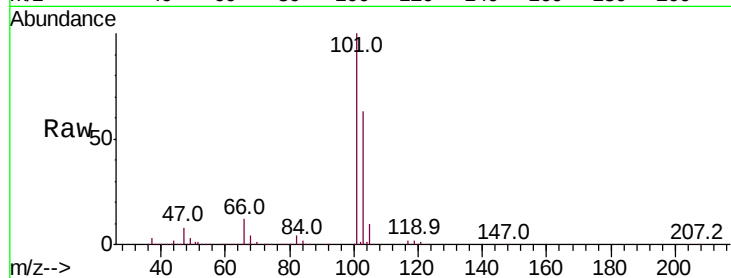


#7

Trichlorofluoromethane
 Concen: 52.370 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

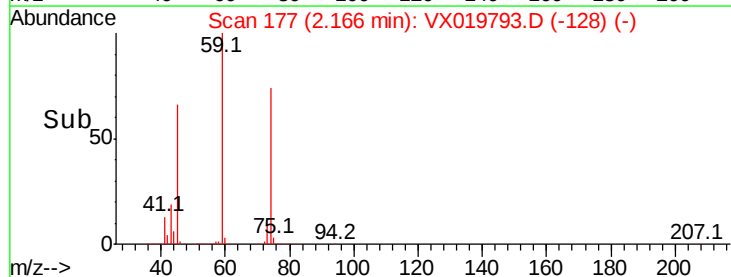
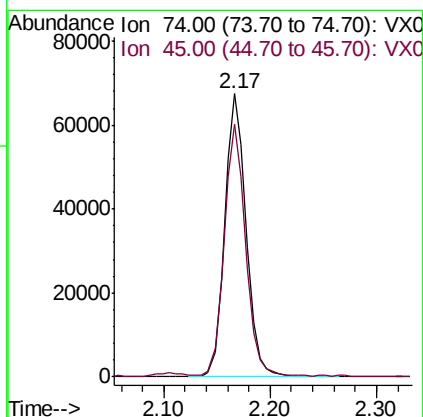
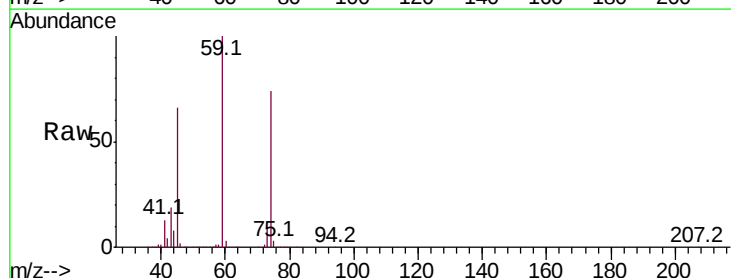
Tot Ion:101 Resp: 228580
 Ion Ratio Lower Upper
 101 100
 103 62.5 53.2 79.8

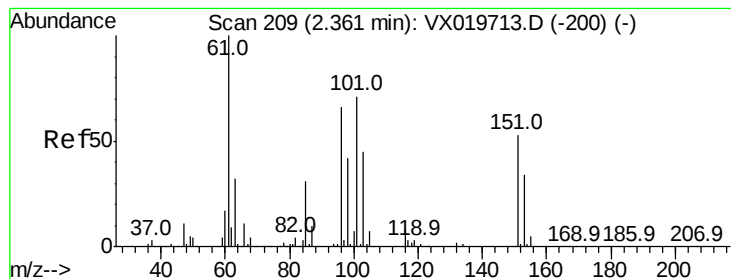


#8

Diethyl Ether
 Concen: 51.237 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Tgt Ion: 74 Resp: 94770
 Ion Ratio Lower Upper
 74 100
 45 88.4 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.115 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

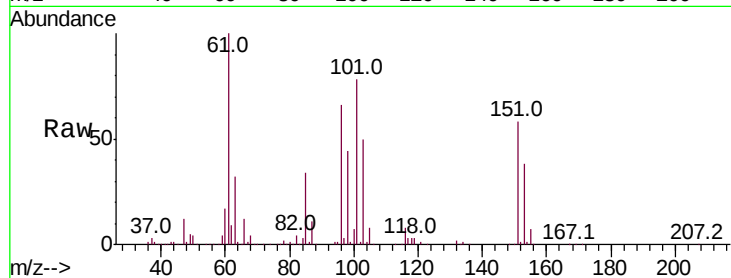
Tot Ion:101 Resp: 132883

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

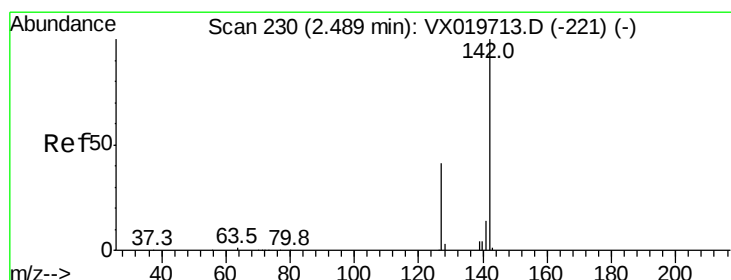
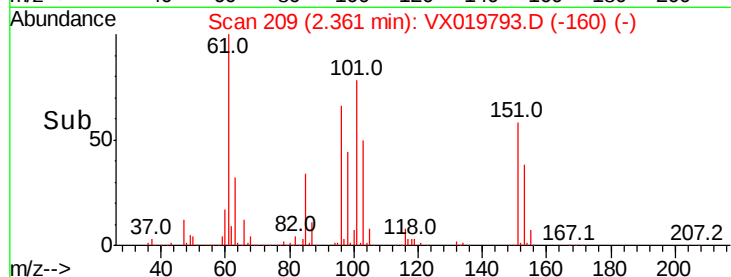
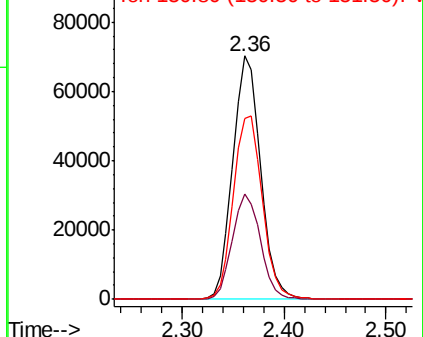
151 78.4 61.4 92.2



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: 41.666 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

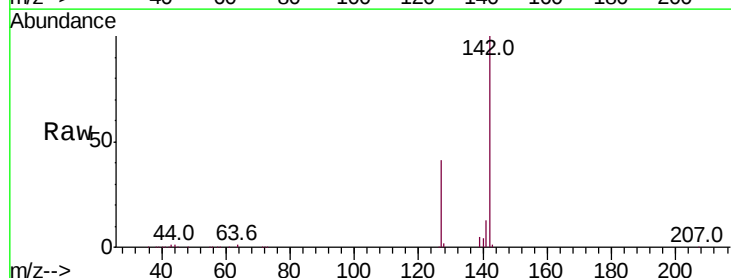
Tgt Ion:142 Resp: 153649

Ion Ratio Lower Upper

142 100

127 41.7 33.3 49.9

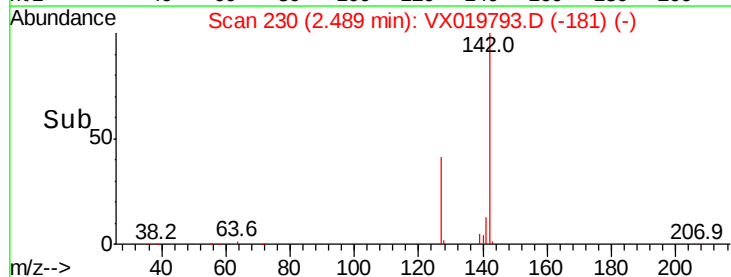
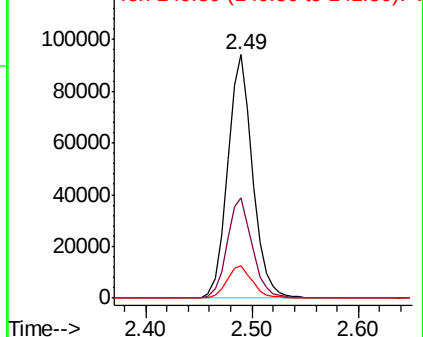
141 13.6 11.4 17.0

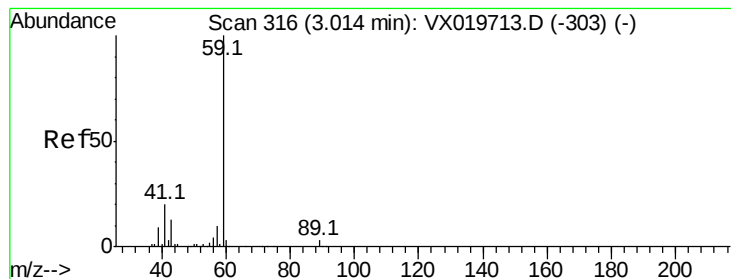


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



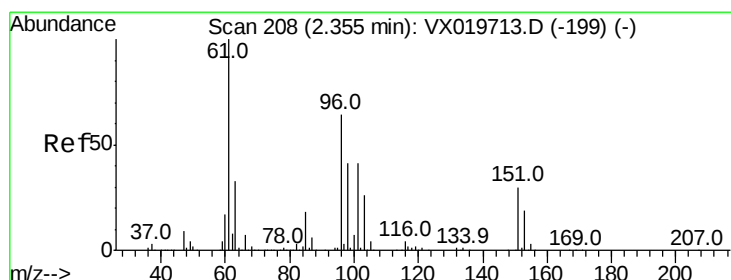
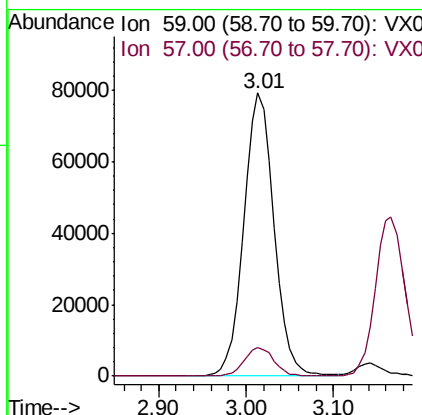
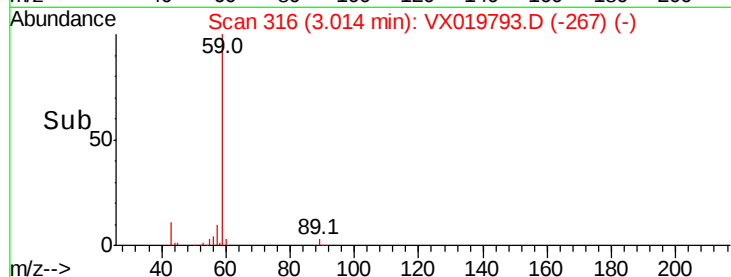
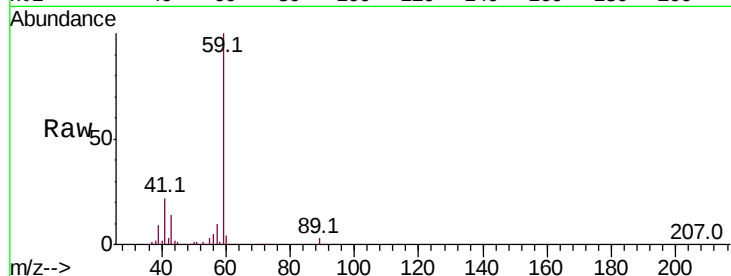


#11

Tert butyl alcohol
 Concen: 254.293 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

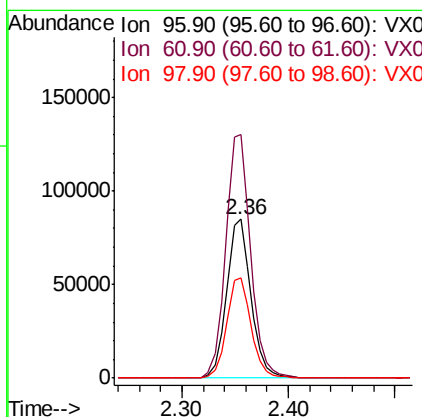
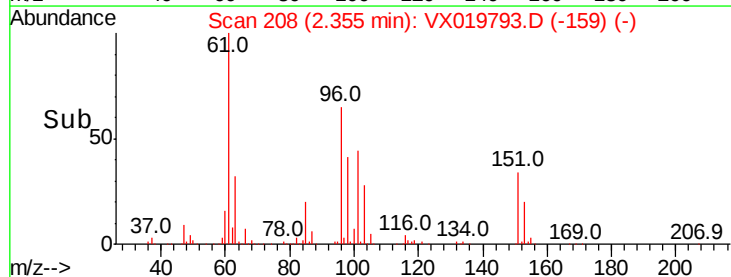
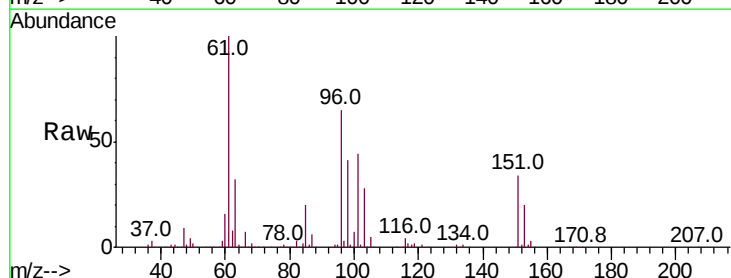
Tot Ion: 59 Resp: 189643
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.8 11.8

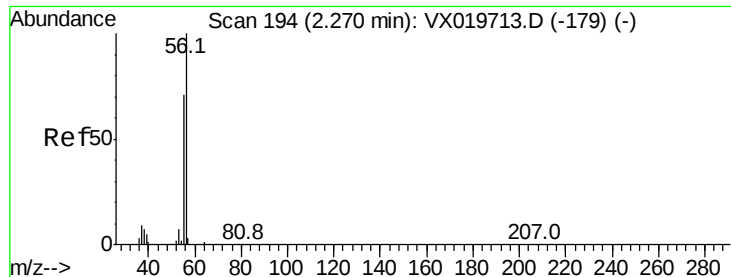


#12

1,1-Dichloroethene
 Concen: 53.730 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Tgt Ion: 96 Resp: 135898
 Ion Ratio Lower Upper
 96 100
 61 153.6 124.6 187.0
 98 63.6 50.6 76.0





#13

Acrolein

Concen: 227.312 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

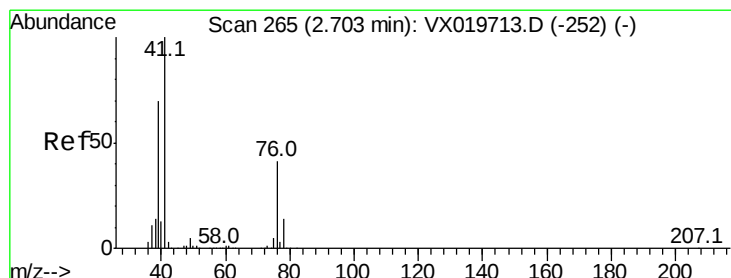
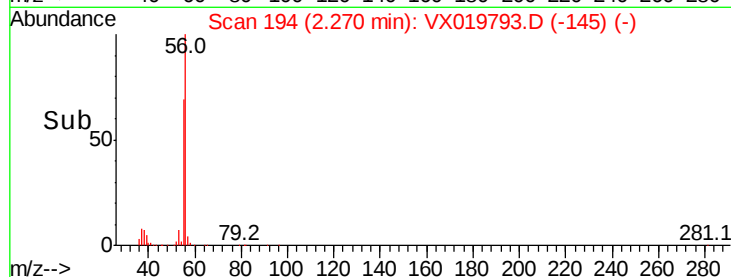
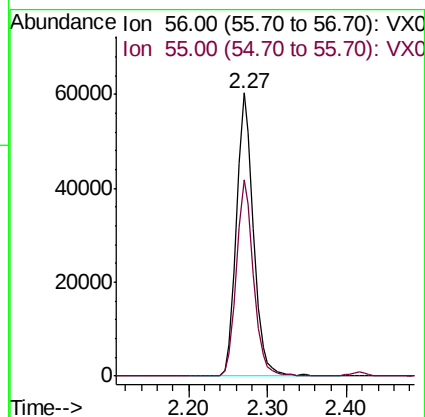
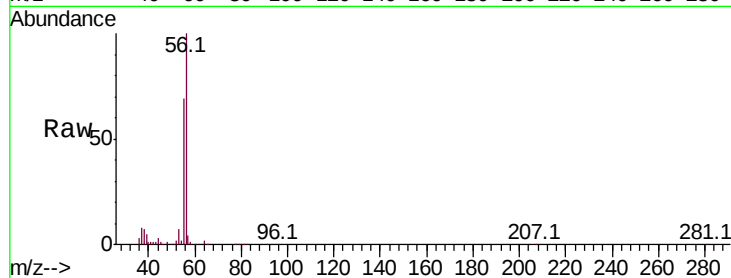
VSTDCCC050EC

Tot Ion: 56 Resp: 91034

Ion Ratio Lower Upper

56 100

55 69.2 56.4 84.6



#14

Allyl chloride

Concen: 50.395 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

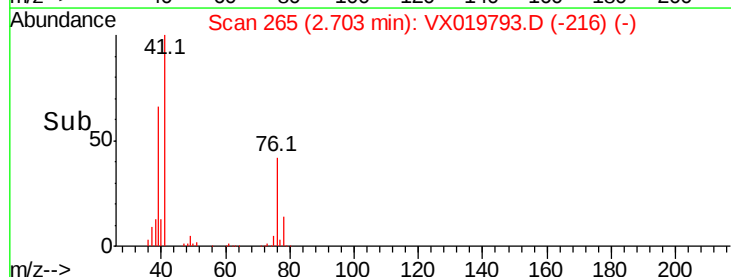
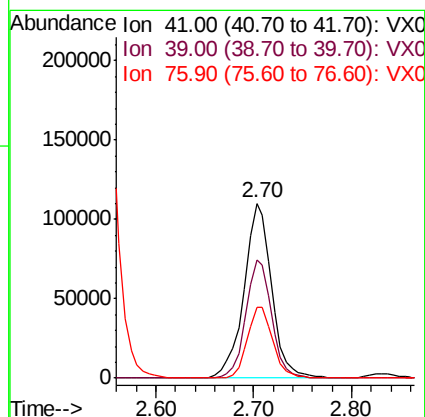
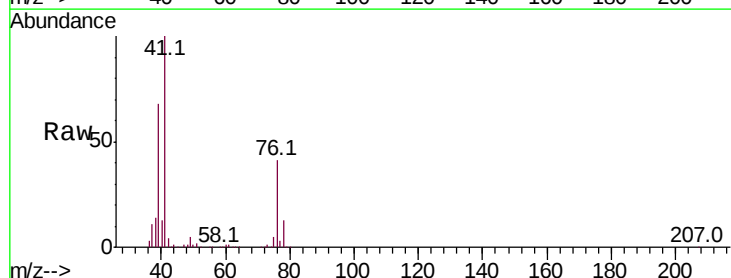
Tgt Ion: 41 Resp: 215271

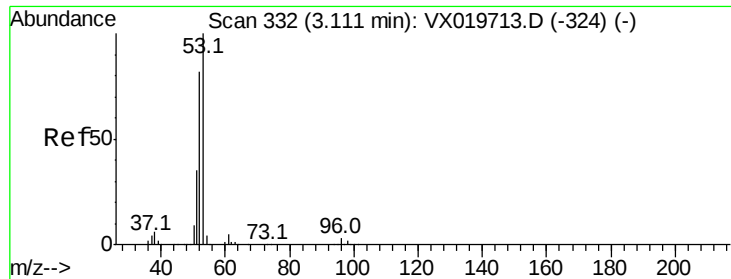
Ion Ratio Lower Upper

41 100

39 63.5 51.6 77.4

76 37.4 30.5 45.7





#15

Acrylonitrile

Concen: 268.211 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

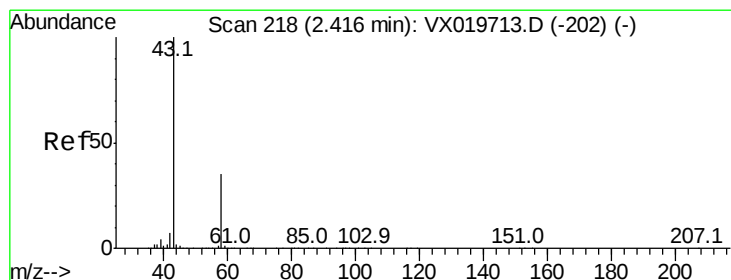
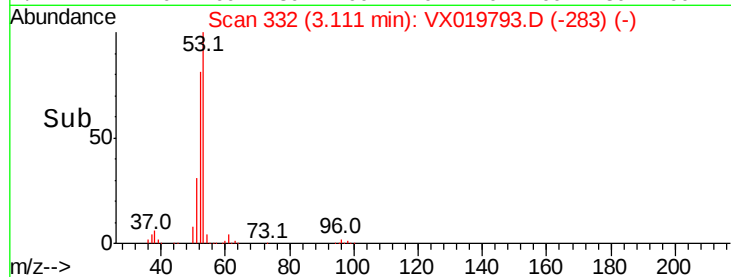
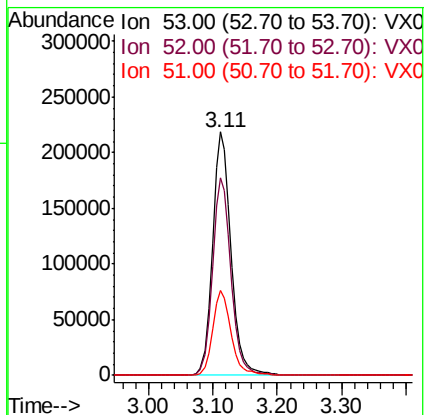
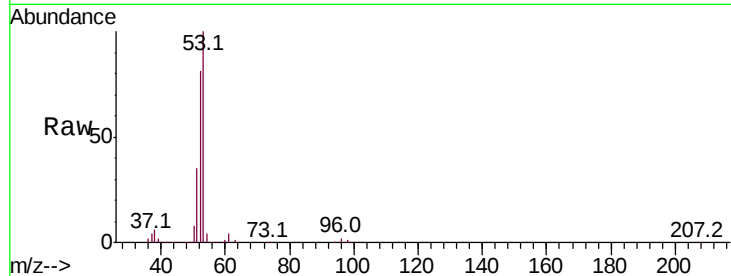
Tot Ion: 53 Resp: 439920

Ion Ratio Lower Upper

53 100

52 81.6 65.3 97.9

51 35.2 28.2 42.2



#16

Acetone

Concen: 251.827 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019793.D

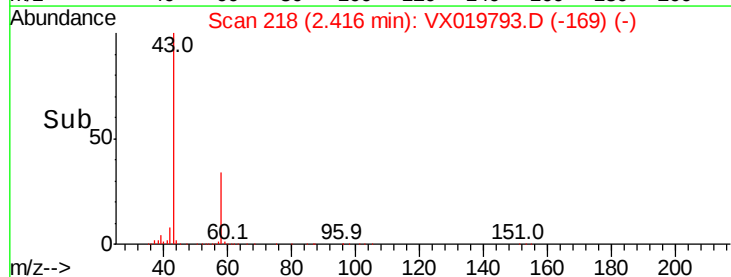
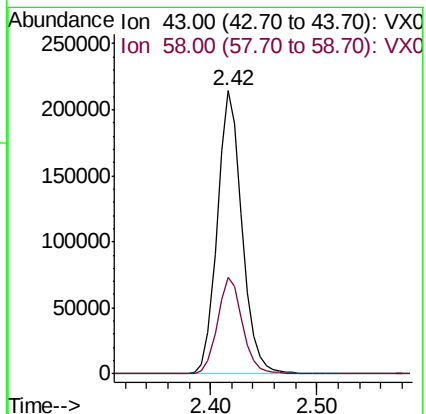
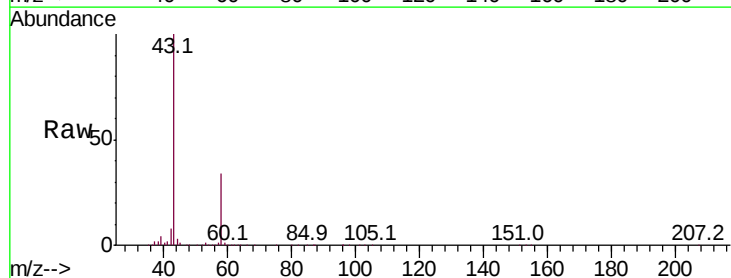
Acq: 09 Dec 2020 20:50

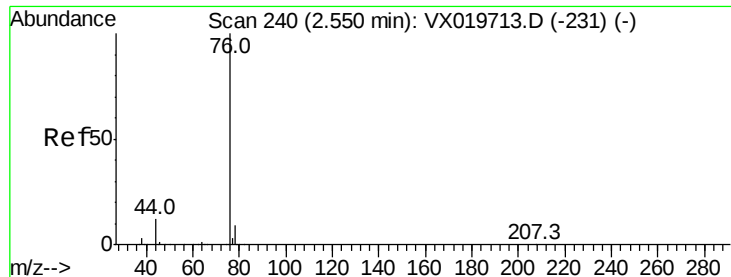
Tgt Ion: 43 Resp: 343426

Ion Ratio Lower Upper

43 100

58 33.9 27.8 41.8

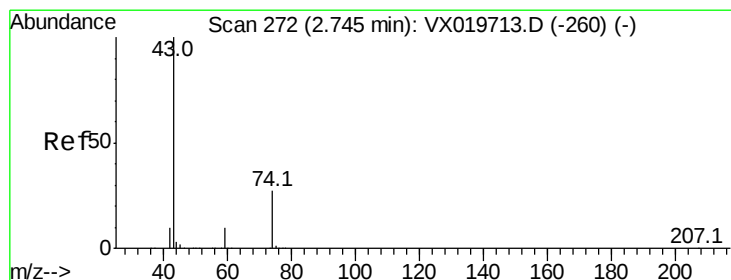
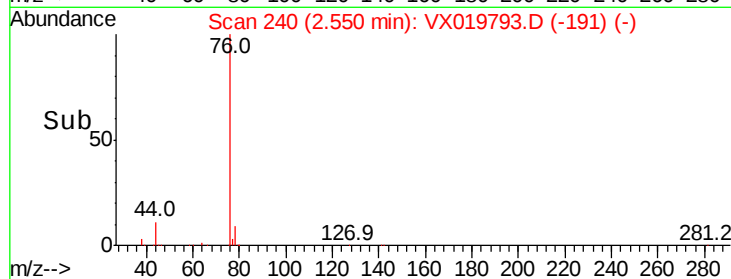
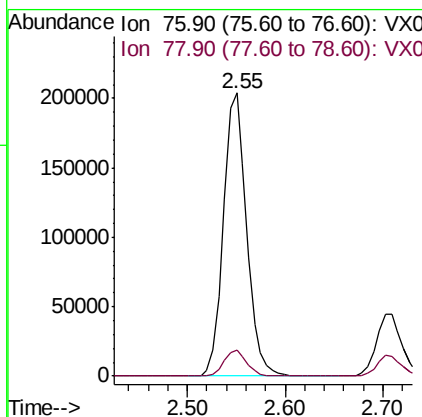
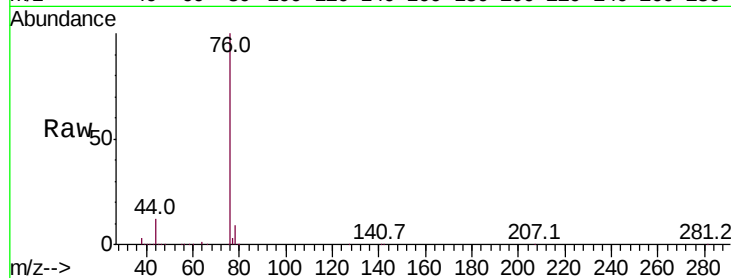




#17
Carbon Disulfide
Concen: 46.231 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

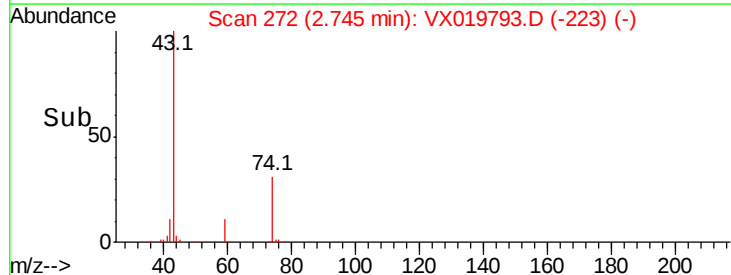
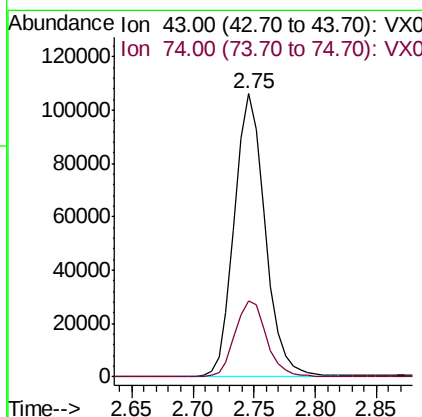
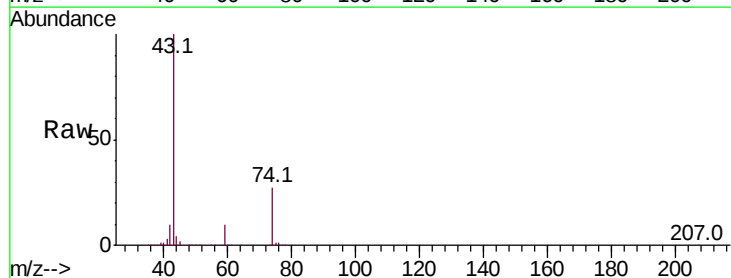
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

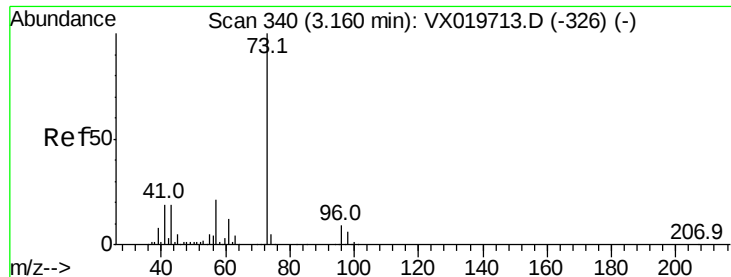
Tot Ion: 76 Resp: 335514
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 55.588 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion: 43 Resp: 185508
Ion Ratio Lower Upper
43 100
74 27.6 21.9 32.9



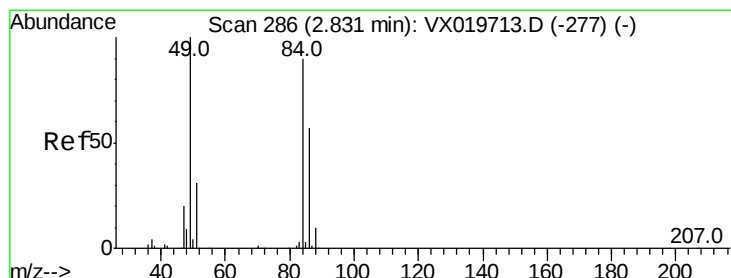
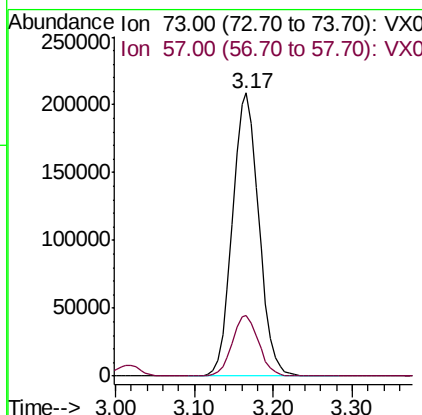
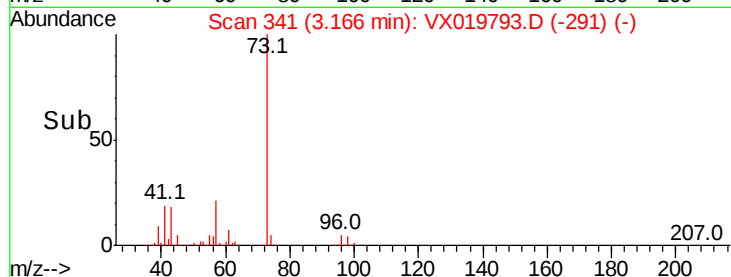
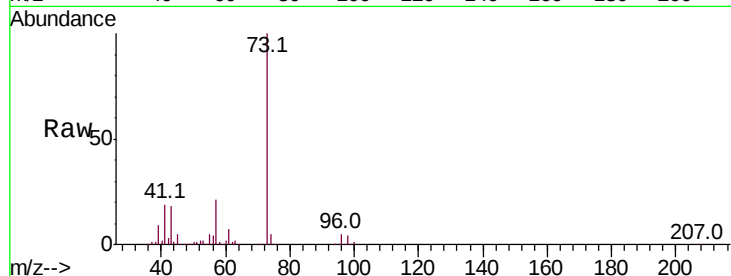


#19

Methyl tert-butyl Ether
 Concen: 52.733 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

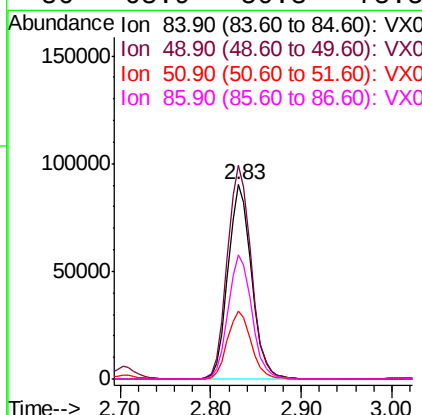
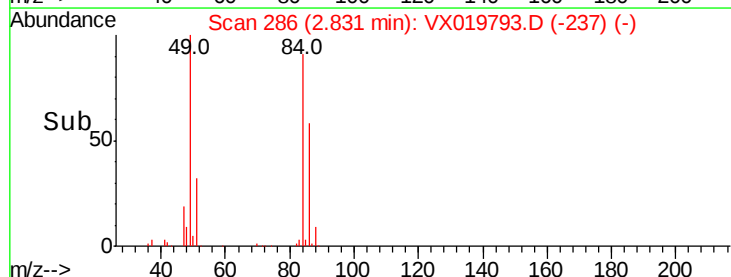
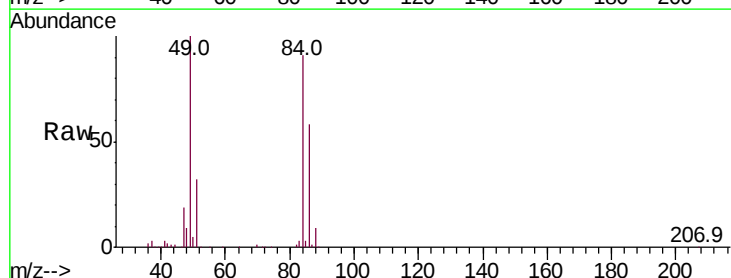
Tot Ion: 73 Resp: 485727
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.1 25.7

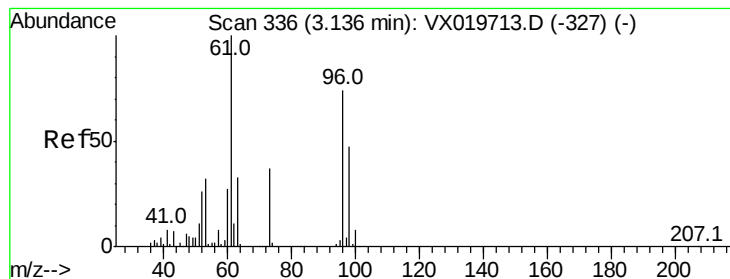


#20

Methylene Chloride
 Concen: 52.208 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Tgt Ion: 84 Resp: 162347
 Ion Ratio Lower Upper
 84 100
 49 109.9 88.6 132.8
 51 34.7 27.0 40.6
 86 63.9 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 51.620 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

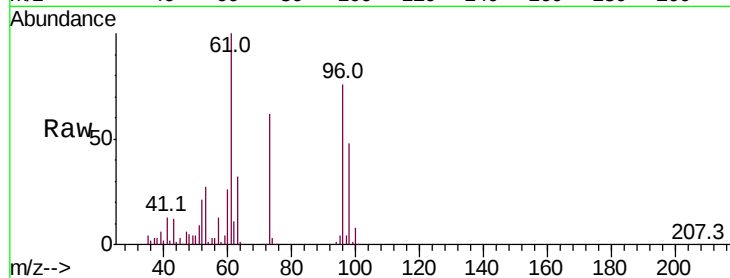
Tot Ion: 96 Resp: 152215

Ion Ratio Lower Upper

96 100

61 131.5 107.7 161.5

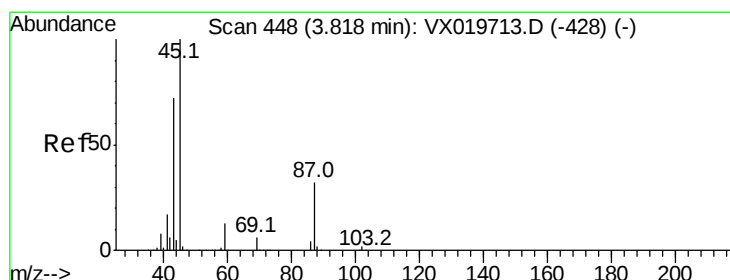
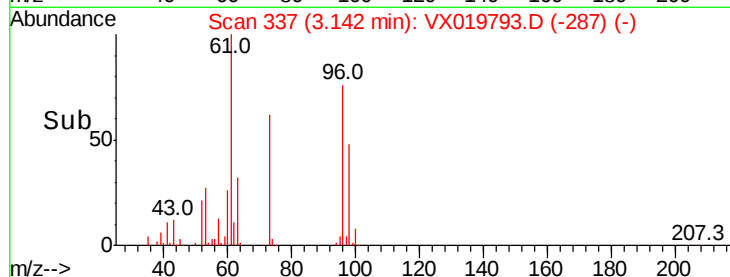
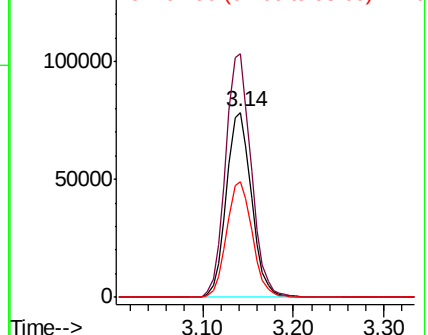
98 62.6 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.327 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Tgt Ion: 45 Resp: 460569

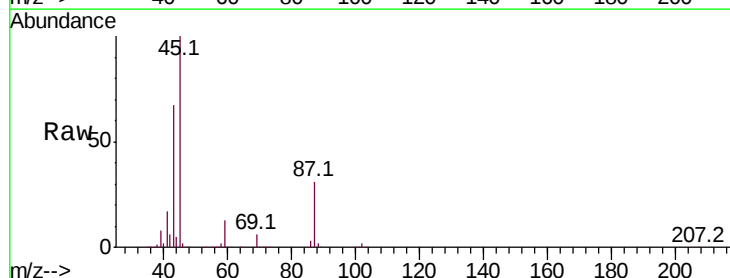
Ion Ratio Lower Upper

45 100

43 66.8 58.0 87.0

87 31.5 25.4 38.0

59 12.7 10.2 15.2

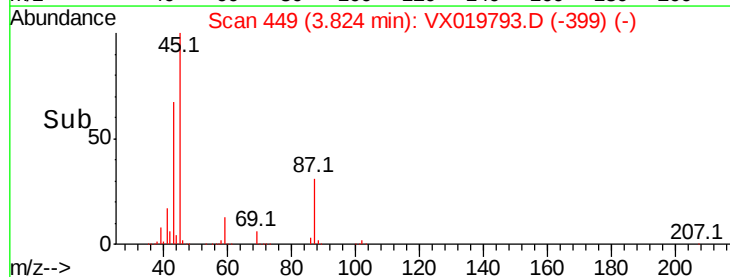
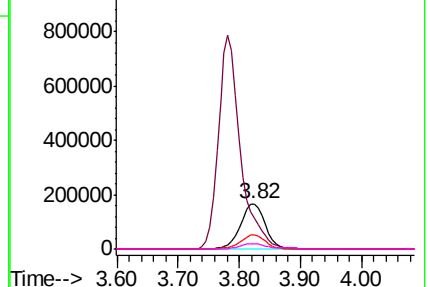


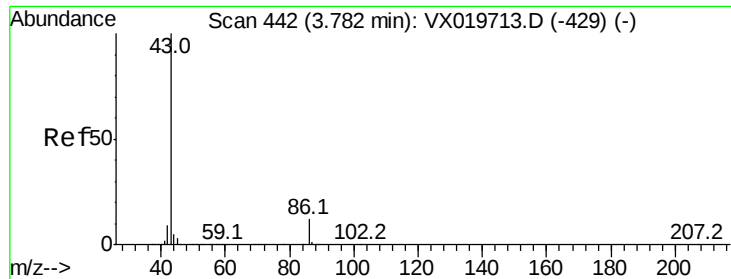
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 269.748 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

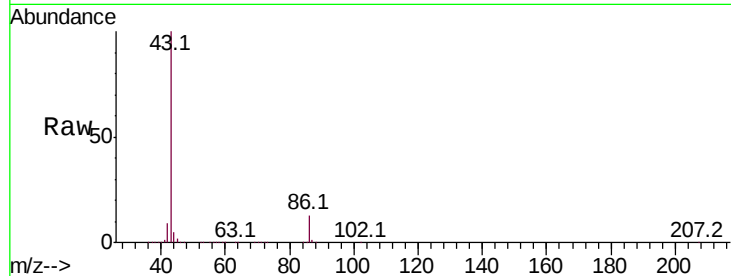
VSTDCCC050EC

Tot Ion: 43 Resp: 1984842

Ion Ratio Lower Upper

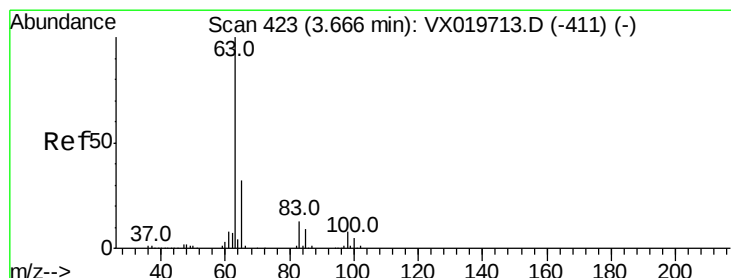
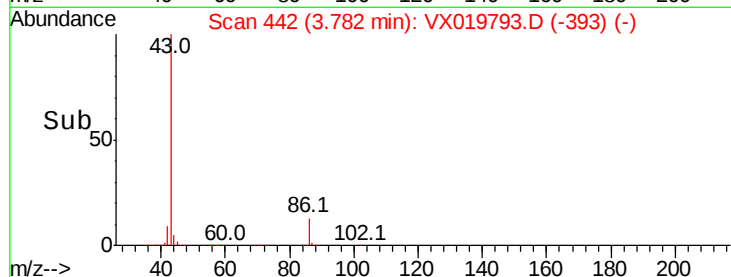
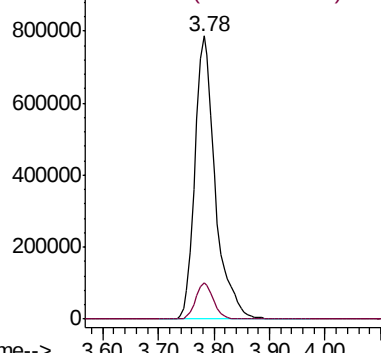
43 100

86 12.7 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.505 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

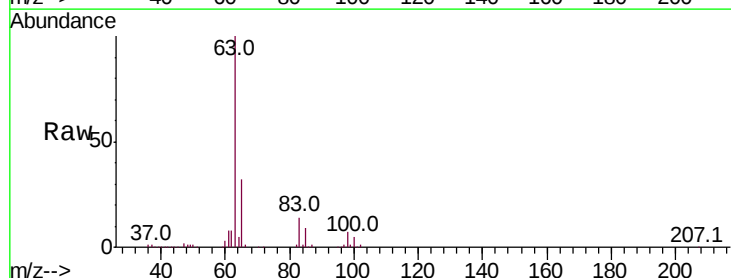
Tgt Ion: 63 Resp: 273457

Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

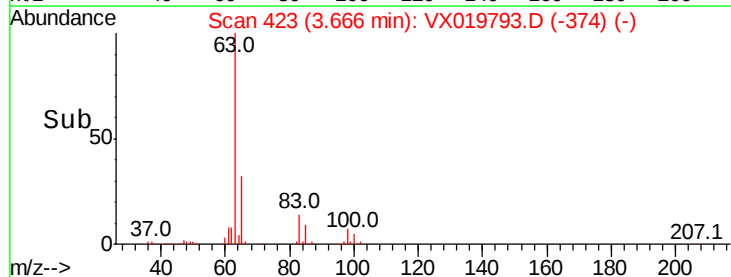
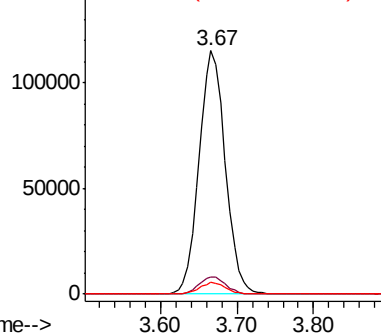
100 4.8 2.5 7.5

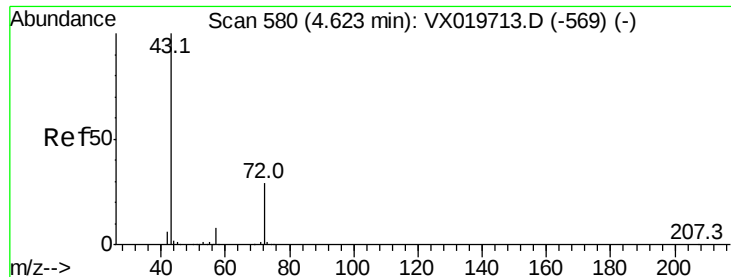


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 264.894 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

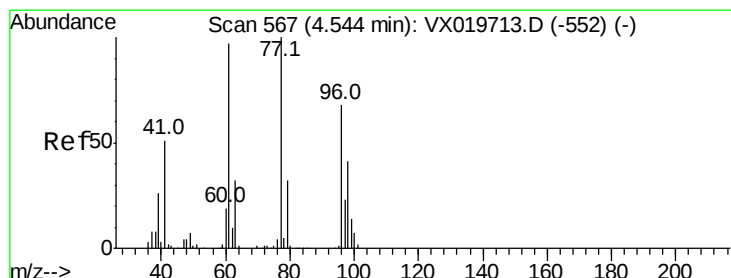
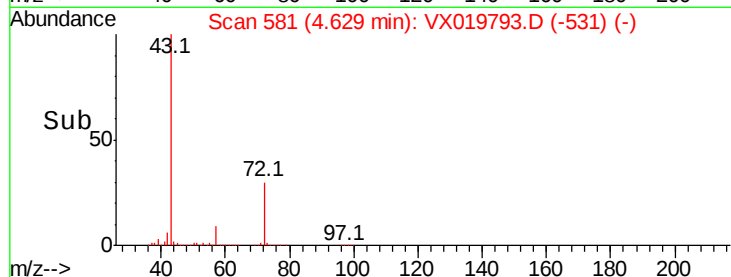
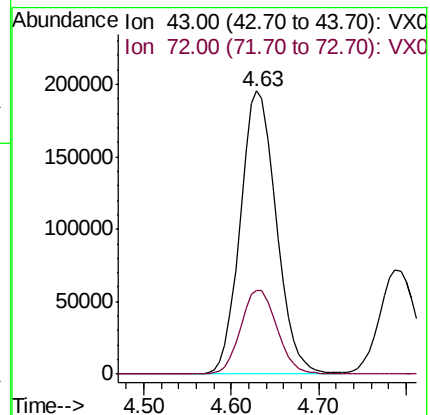
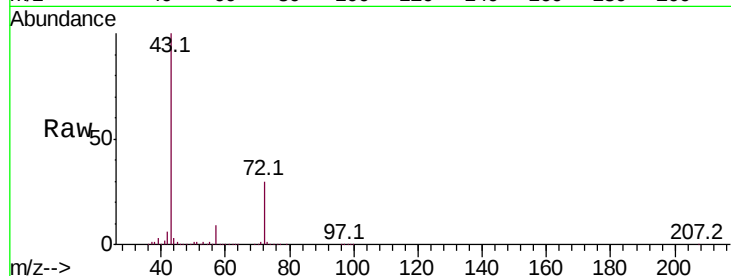
VSTDCCC050EC

Tot Ion: 43 Resp: 555092

Ion Ratio Lower Upper

43 100

72 29.5 23.7 35.5



#26

2,2-Dichloropropane

Concen: 46.112 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019793.D

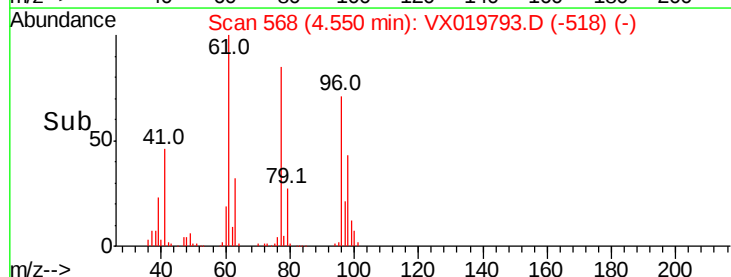
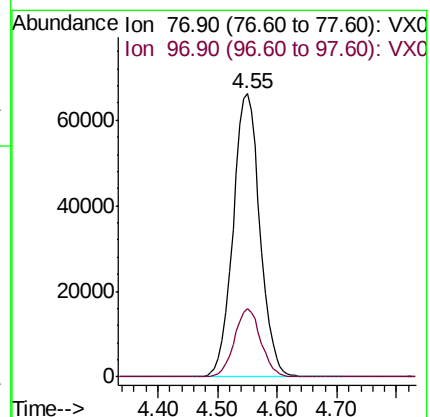
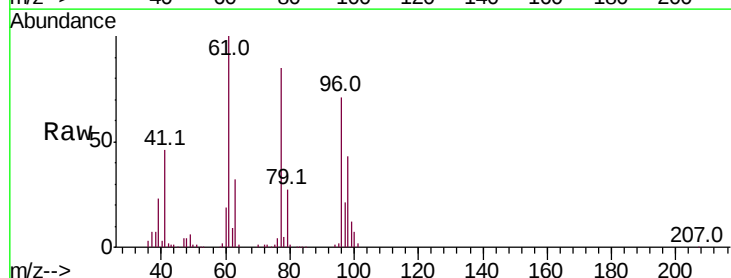
Acq: 09 Dec 2020 20:50

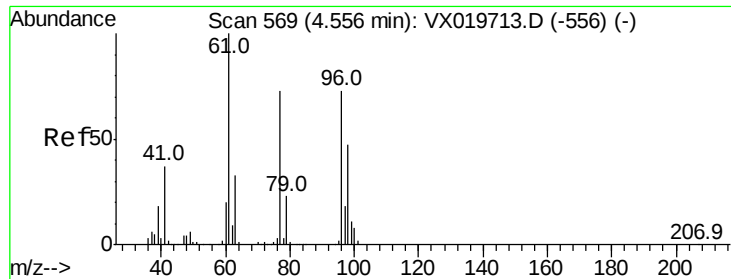
Tgt Ion: 77 Resp: 206819

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.1



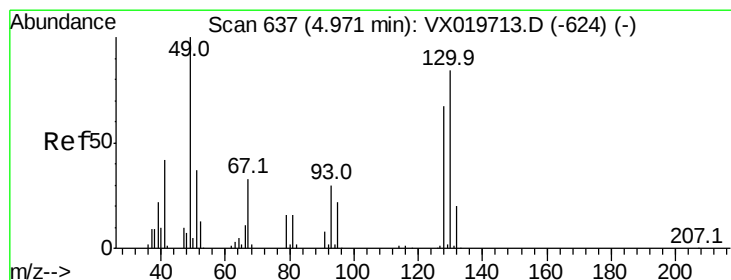
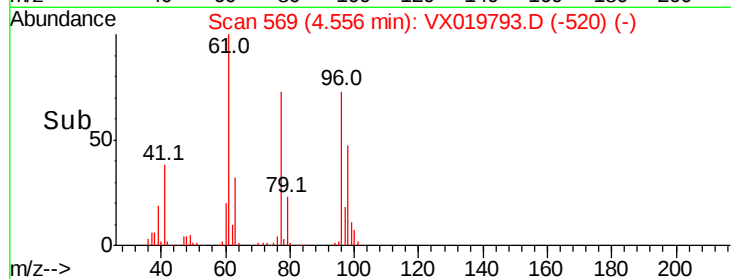
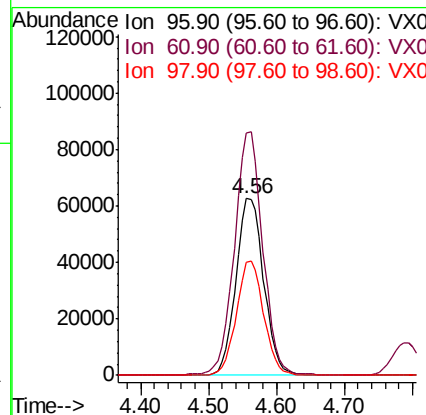
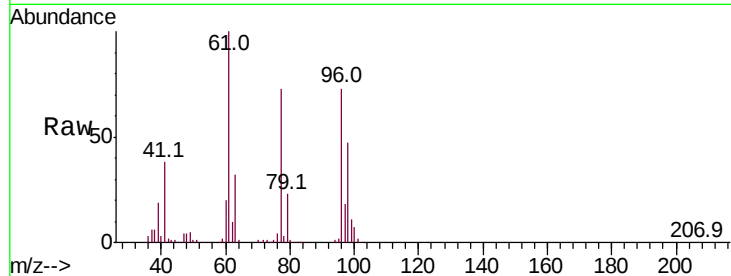


#27

cis-1,2-Dichloroethene
 Concen: 51.592 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

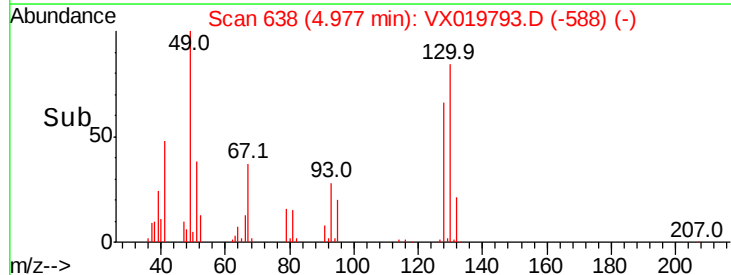
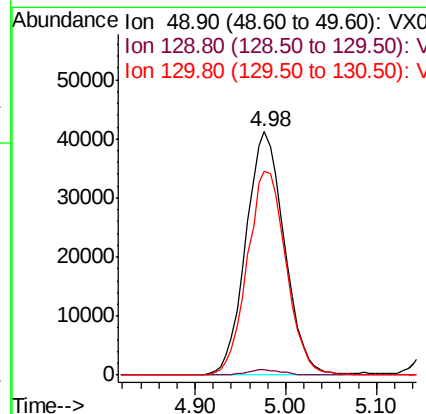
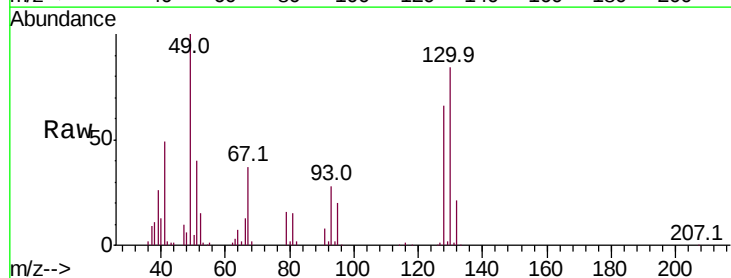
Tot Ion	96	Resp	178034
Ion Ratio	Lower	Upper	
96	100		
61	140.6	0.0	285.6
98	63.4	0.0	129.6

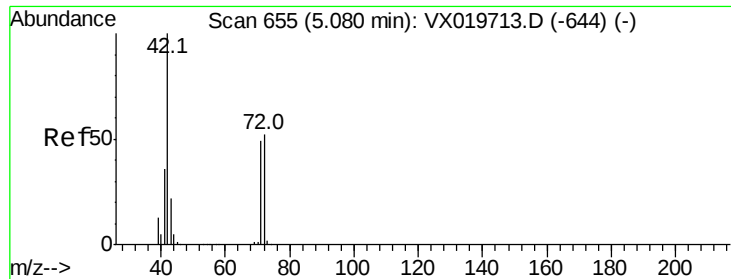


#28

Bromochloromethane
 Concen: 48.884 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Tgt Ion	49	Resp	121368
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
49	100		
129	2.1	0.0	4.0
130	84.5	68.2	102.2

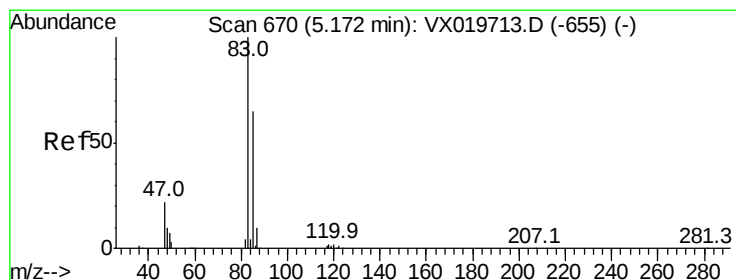
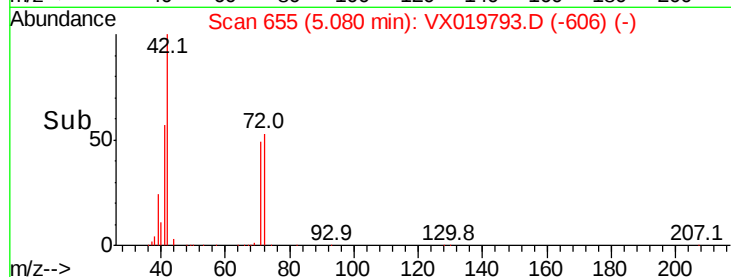
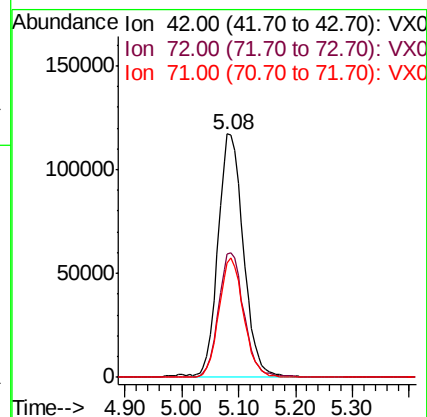
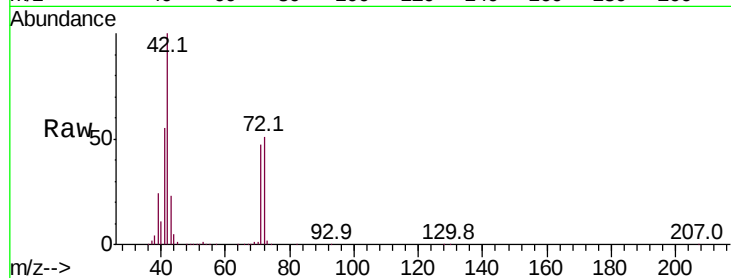




#29
Tetrahydrofuran
Concen: 267.947 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

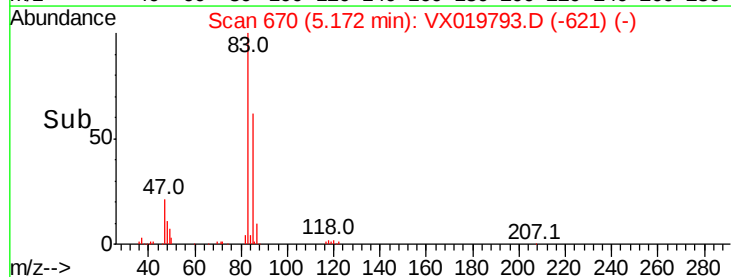
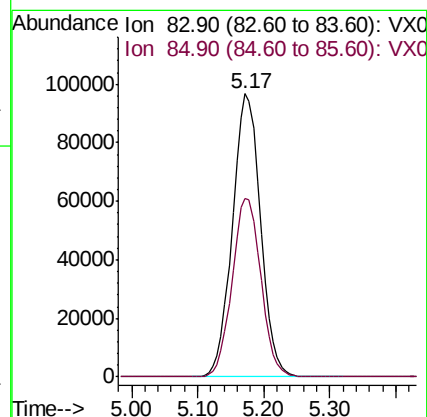
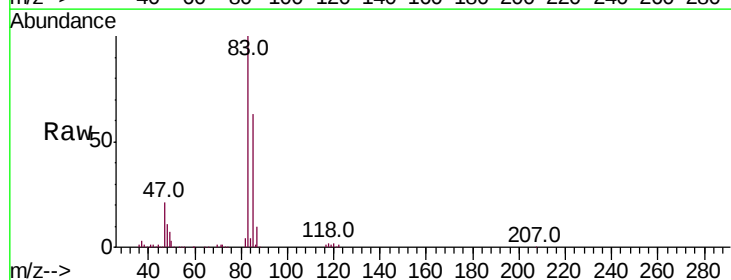
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

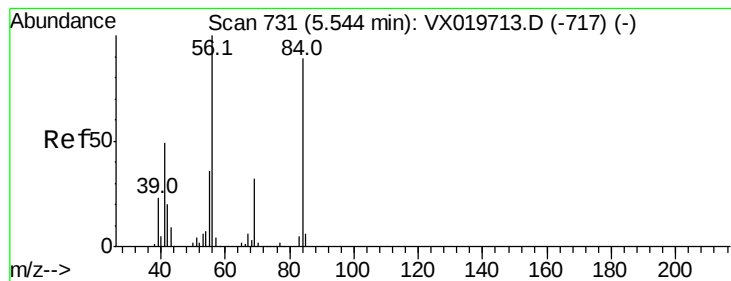
Tot Ion: 42 Resp: 361761
Ion Ratio Lower Upper
42 100
72 51.5 41.7 62.5
71 47.8 38.4 57.6



#30
Chloroform
Concen: 53.168 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion: 83 Resp: 284726
Ion Ratio Lower Upper
83 100
85 63.1 52.0 78.0





#31

Cyclohexane

Concen: 51.547 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.01 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

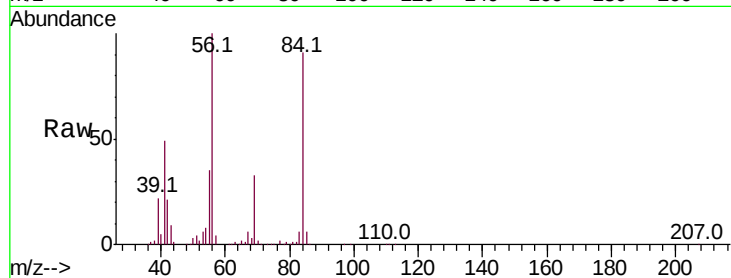
Tot Ion: 56 Resp: 232640

Ion Ratio Lower Upper

56 100

69 32.9 25.3 37.9

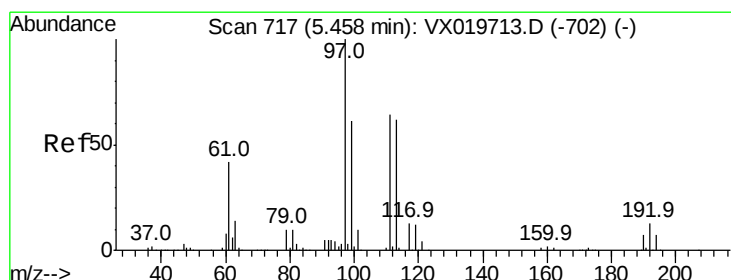
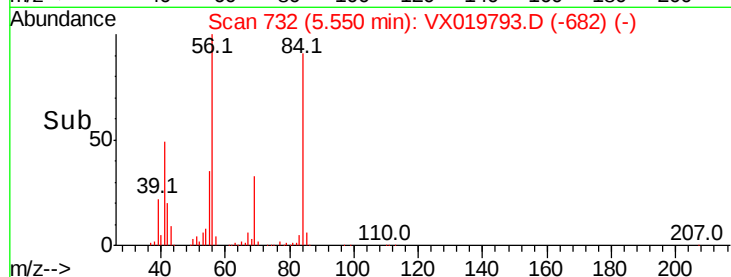
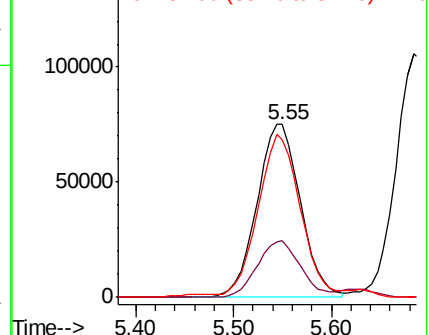
84 89.6 71.4 107.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.527 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

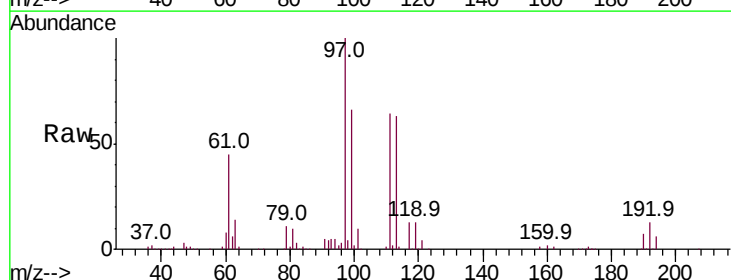
Tgt Ion: 97 Resp: 242244

Ion Ratio Lower Upper

97 100

99 64.3 51.5 77.3

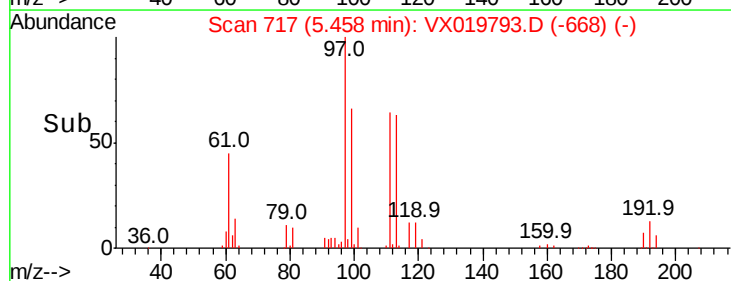
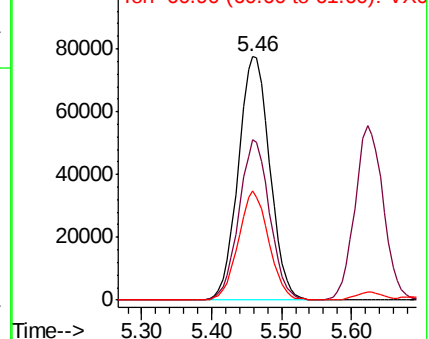
61 43.2 34.2 51.4

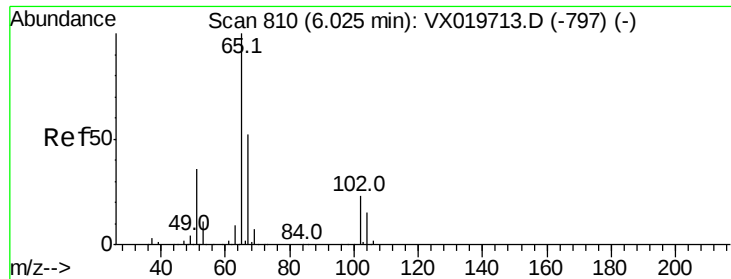


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

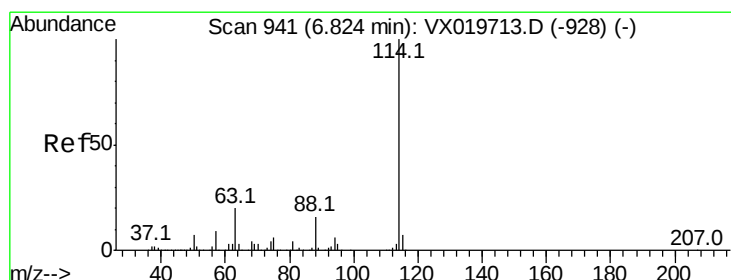
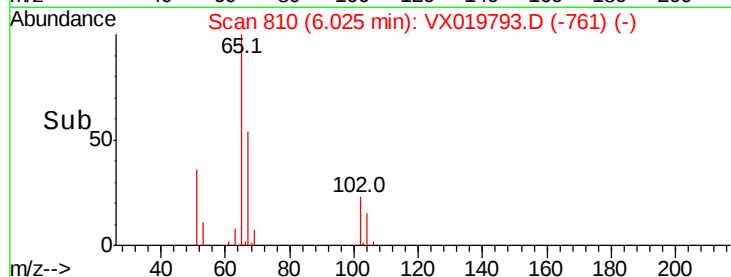
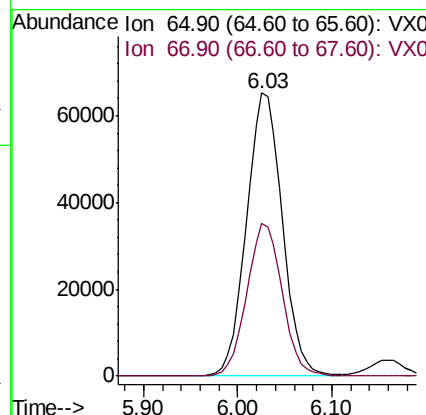
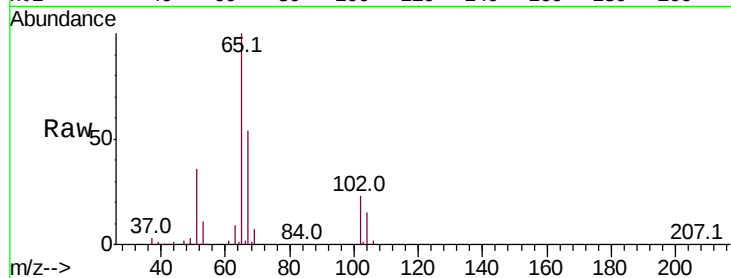




#33
 1,2-Dichloroethane-d4
 Concen: 47.619 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

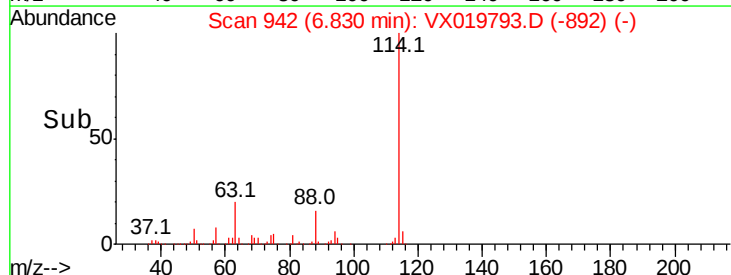
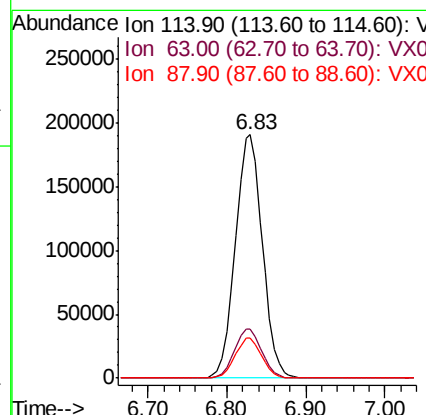
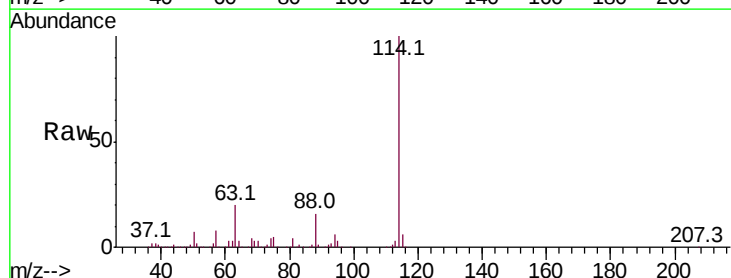
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

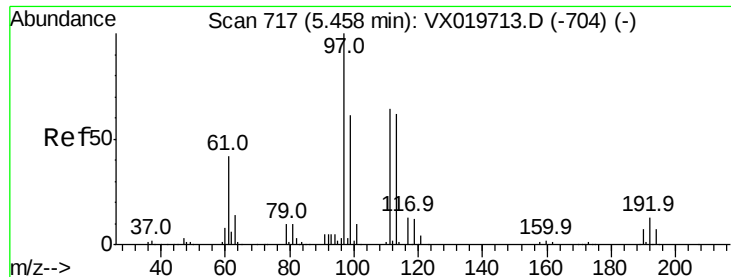
Tot Ion: 65 Resp: 172771
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Tgt Ion: 114 Resp: 453620
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 16.3 0.0 32.8

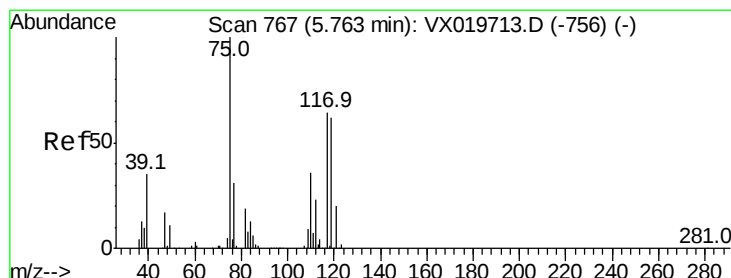
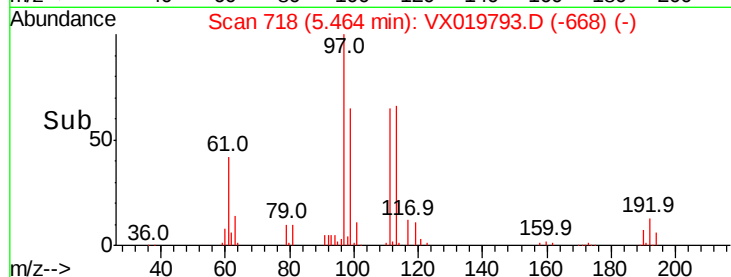
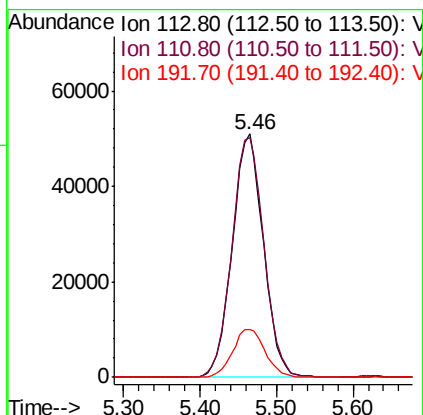
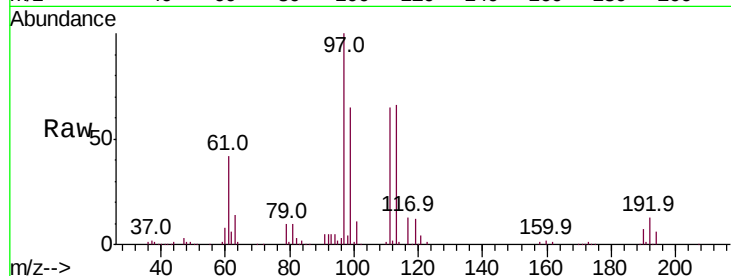




#35
 Dibromofluoromethane
 Concen: 49.026 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

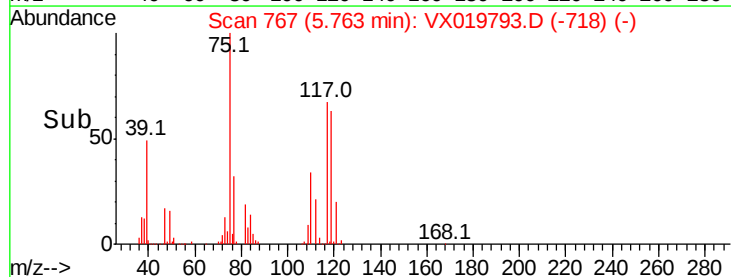
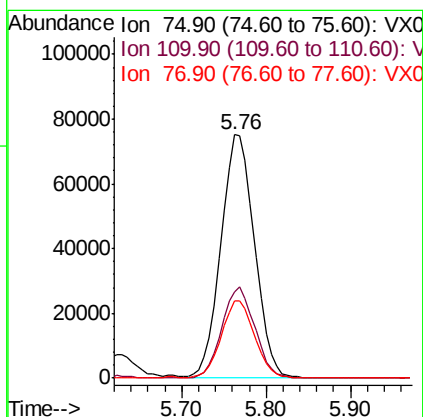
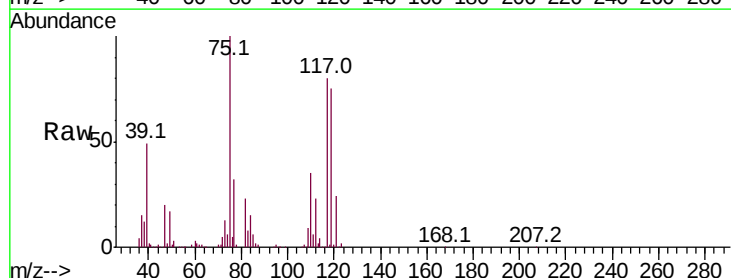
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

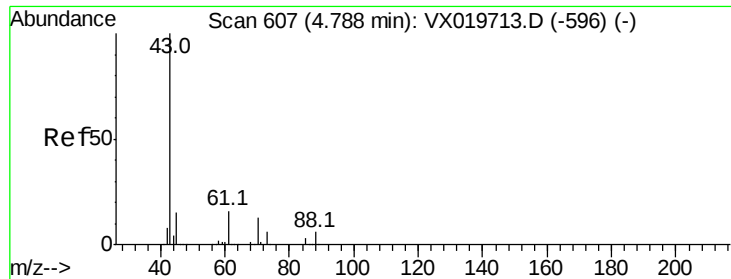
Tot Ion:113 Resp: 143728
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.9 122.9
 192 20.5 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 49.938 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Tgt Ion: 75 Resp: 204698
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.1 54.4
 77 31.5 25.3 37.9

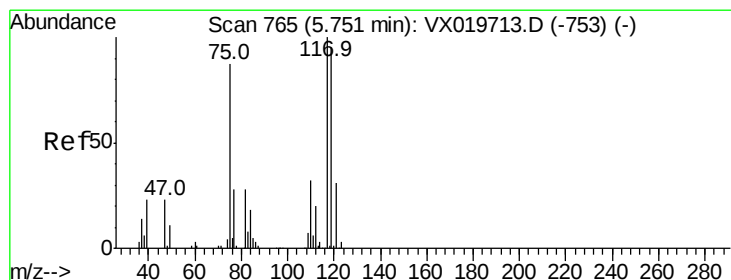
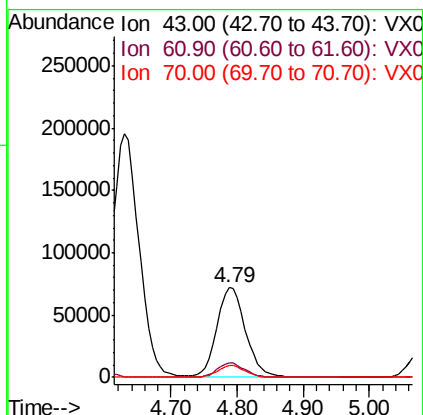
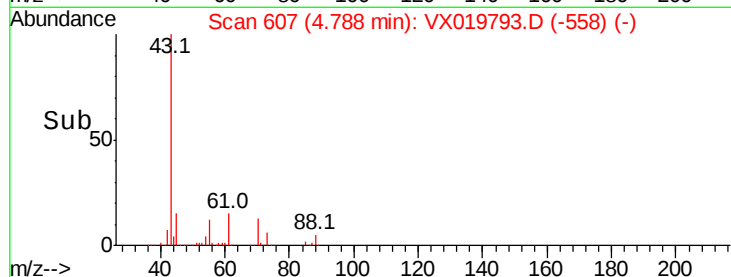
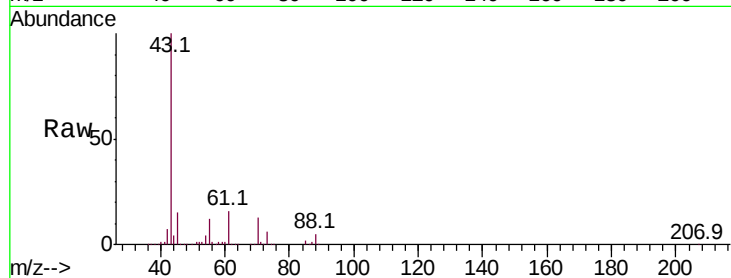




#37
Ethyl Acetate
Concen: 52.023 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

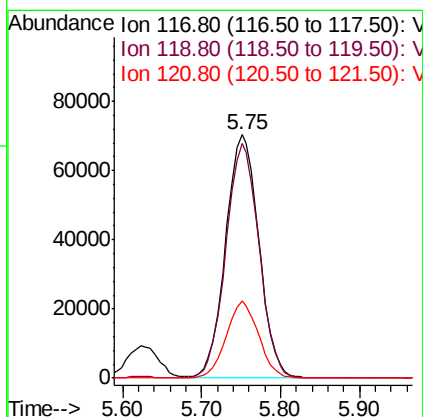
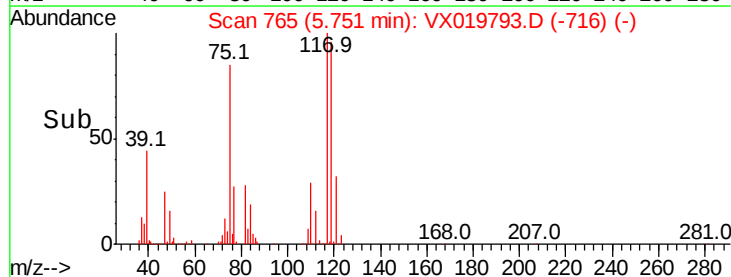
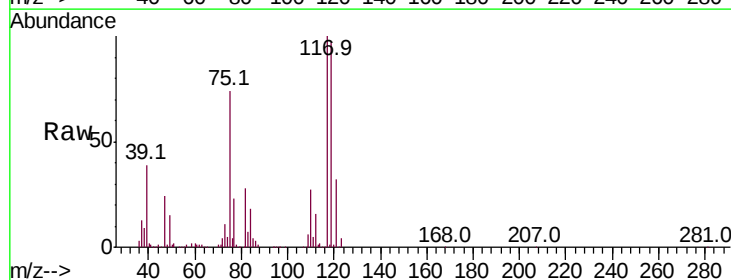
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

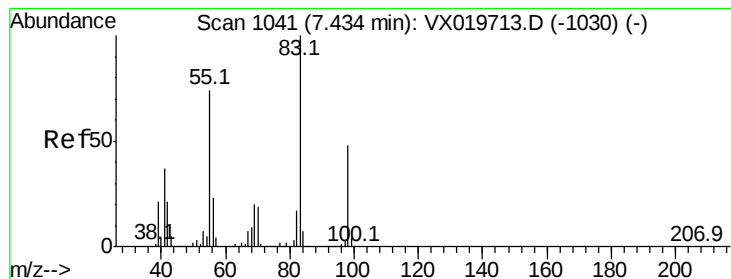
Tot Ion: 43 Resp: 215308
Ion Ratio Lower Upper
43 100
61 15.8 12.8 19.2
70 12.9 10.5 15.7



#38
Carbon Tetrachloride
Concen: 51.590 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion: 117 Resp: 207085
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.2
121 31.7 24.8 37.2





#39

Methvlcvclohexane

Concen: 50.706 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

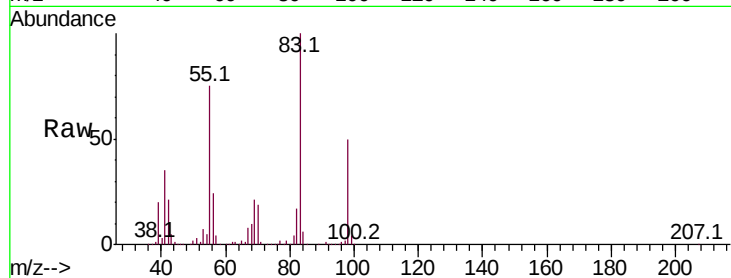
Tot Ion: 83 Resp: 244196

Ion Ratio Lower Upper

83 100

55 74.9 58.9 88.3

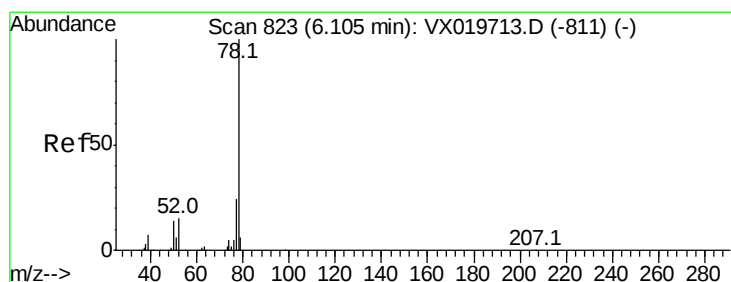
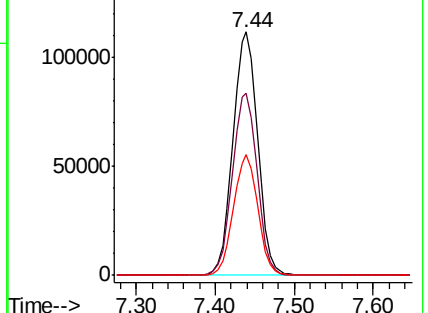
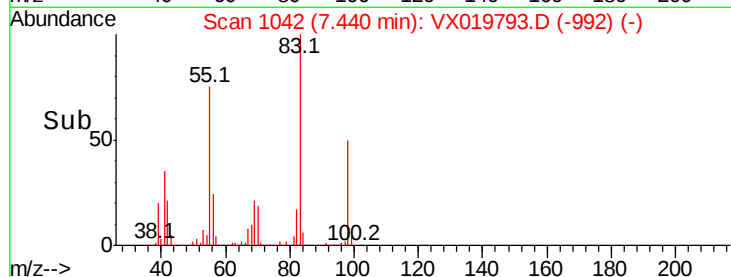
98 49.7 38.1 57.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 51.208 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.01 min

Lab File: VX019793.D

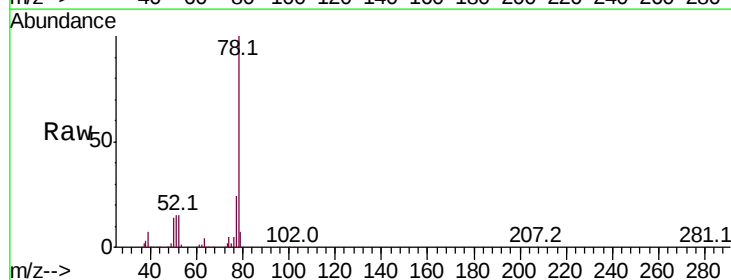
Acq: 09 Dec 2020 20:50

Tgt Ion: 78 Resp: 641198

Ion Ratio Lower Upper

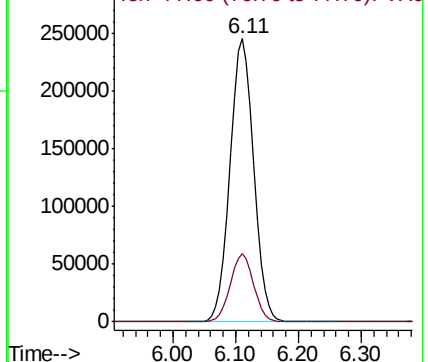
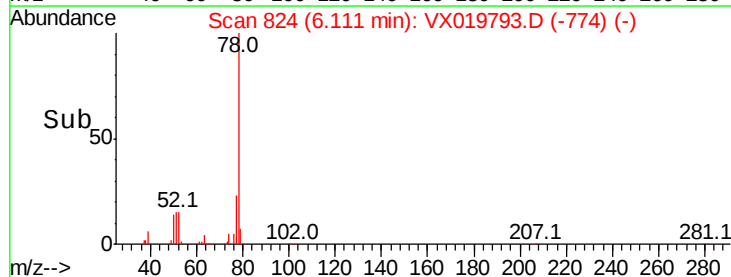
78 100

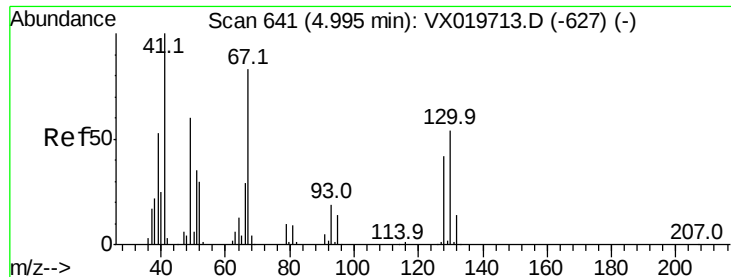
77 24.1 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

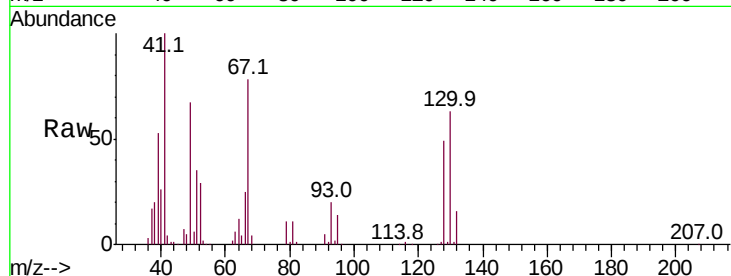




#41
Methacrylonitrile
Concen: 51.740 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	117571
Ion	Ratio	Lower	Upper
41	100		
39	55.2	42.5	63.7
67	83.4	65.0	97.6
52	31.6	25.3	37.9



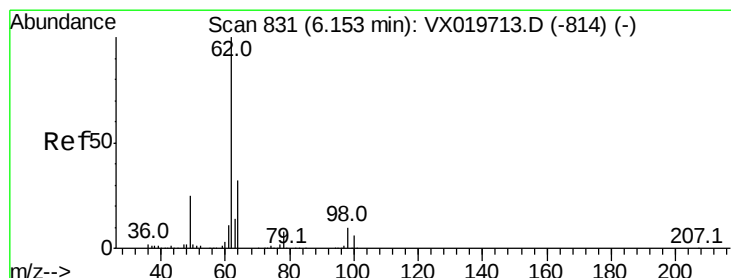
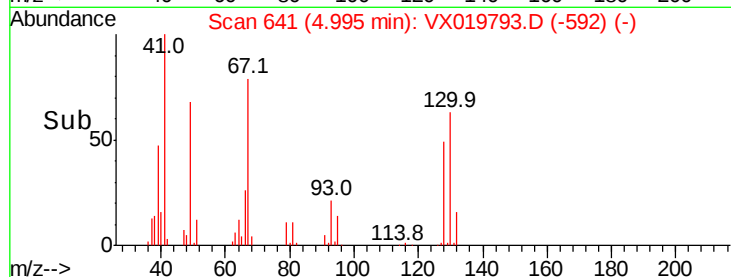
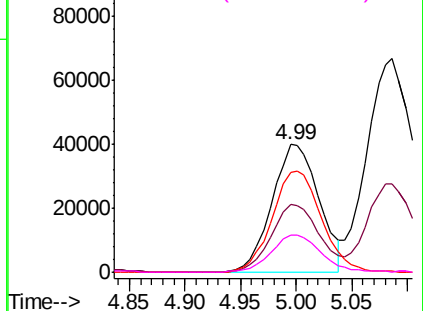
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

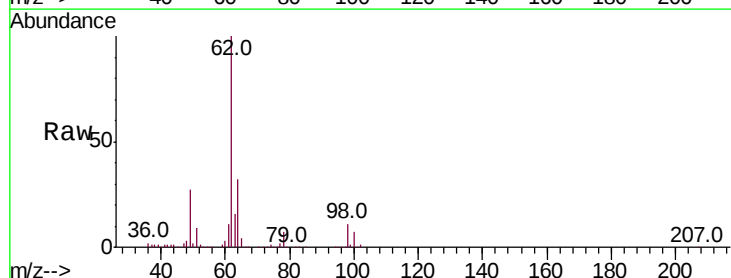
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 51.823 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

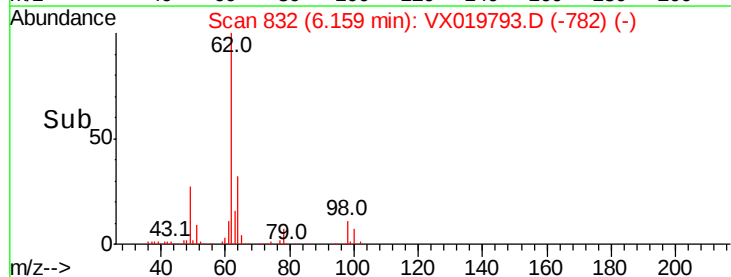
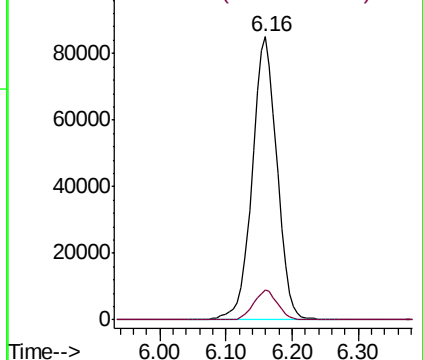
Tgt Ion:	62	Resp:	221705
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2

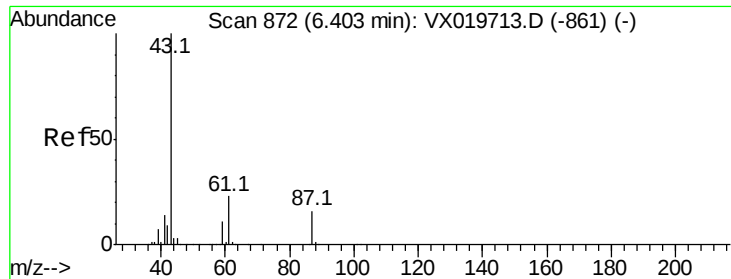


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.911 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

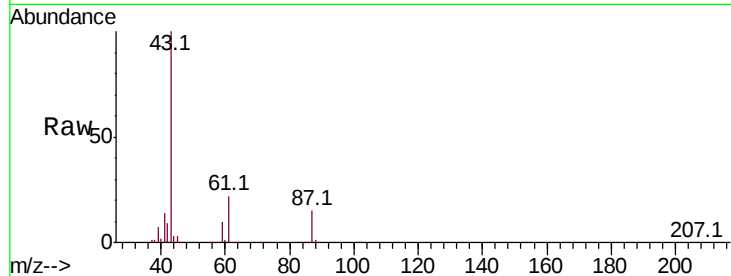
Tot Ion: 43 Resp: 342561

Ion Ratio Lower Upper

43 100

61 23.0 18.2 27.4

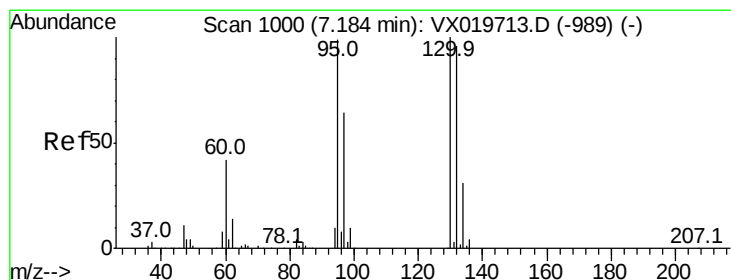
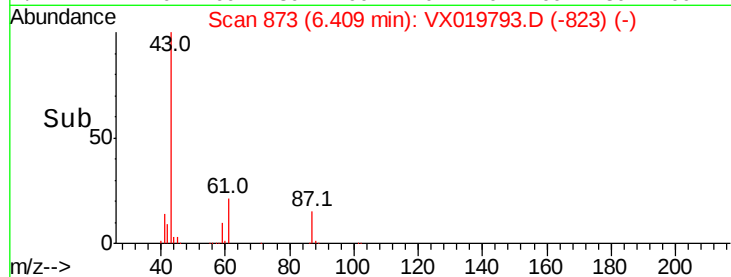
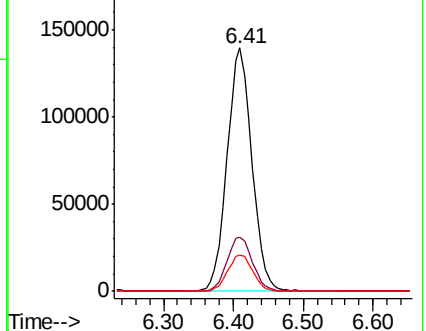
87 15.4 12.5 18.7



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: 50.280 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019793.D

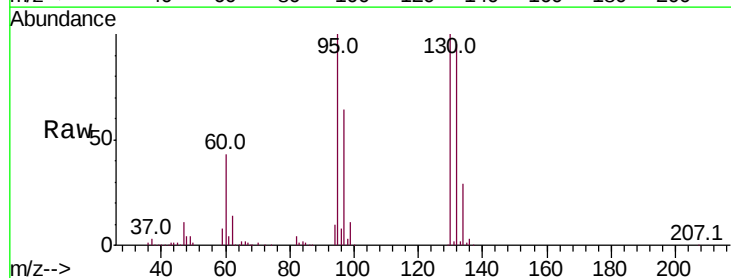
Acq: 09 Dec 2020 20:50

Tgt Ion:130 Resp: 165186

Ion Ratio Lower Upper

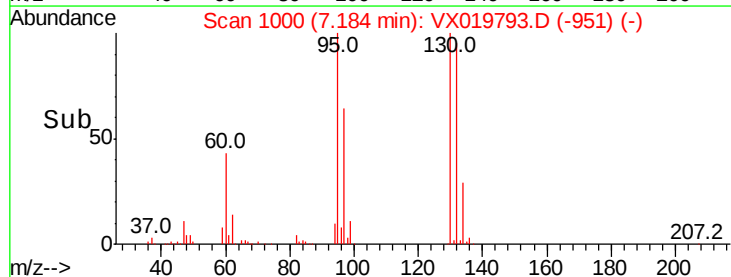
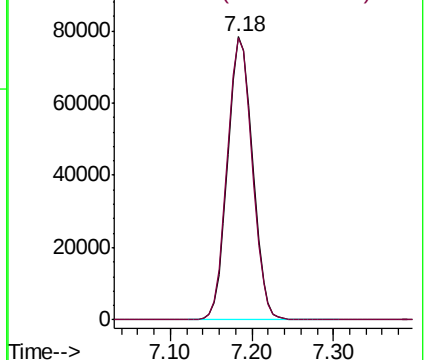
130 100

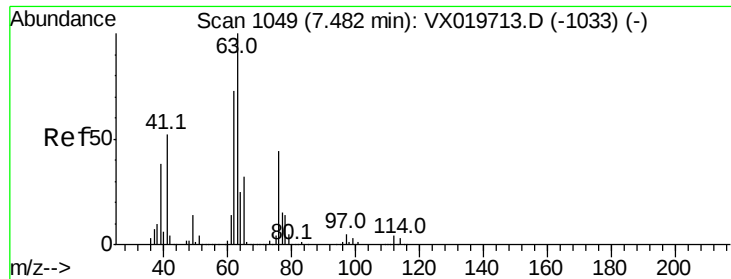
95 99.8 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.985 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

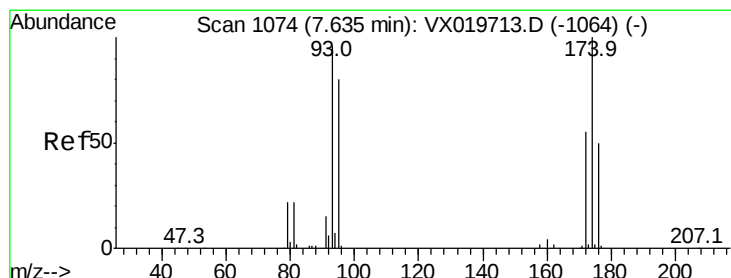
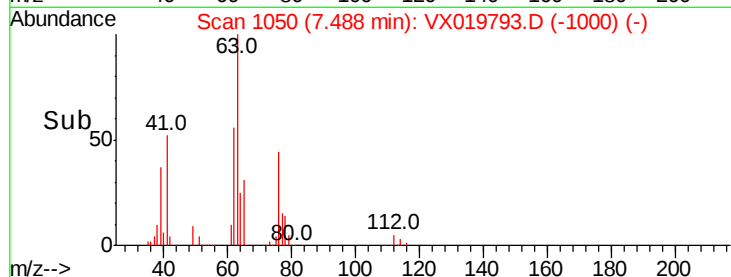
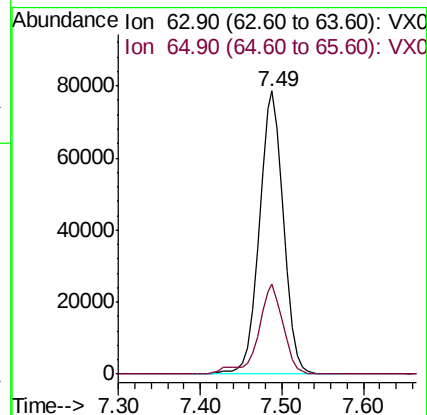
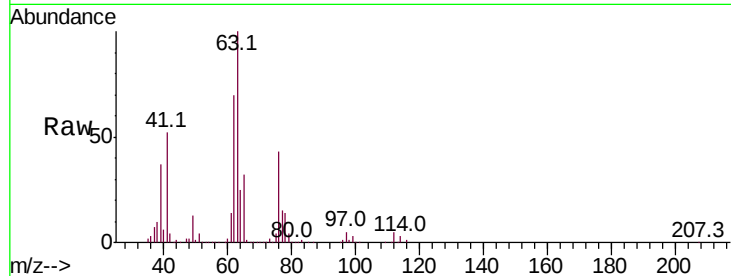
VSTDCCC050EC

Tot Ion: 63 Resp: 162685

Ion Ratio Lower Upper

63 100

65 32.0 25.7 38.5



#46

Dibromomethane

Concen: 52.038 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

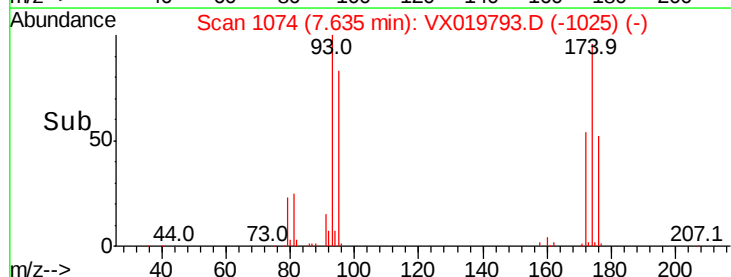
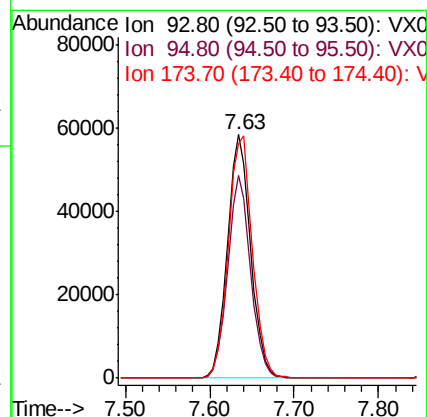
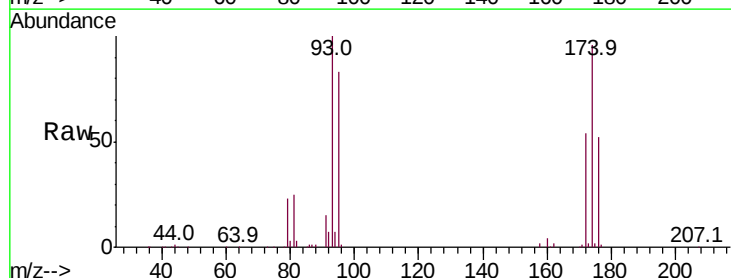
Tgt Ion: 93 Resp: 109975

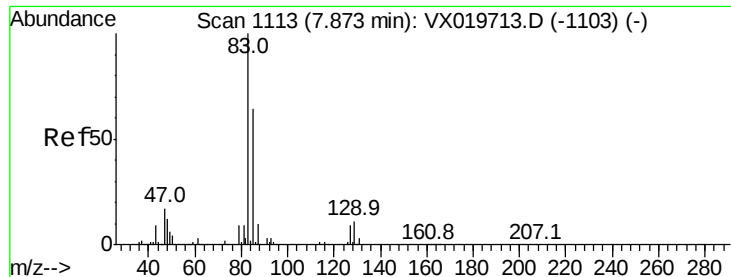
Ion Ratio Lower Upper

93 100

95 82.6 66.8 100.2

174 103.1 83.1 124.7





#47

Bromodichloromethane

Concen: 52.319 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

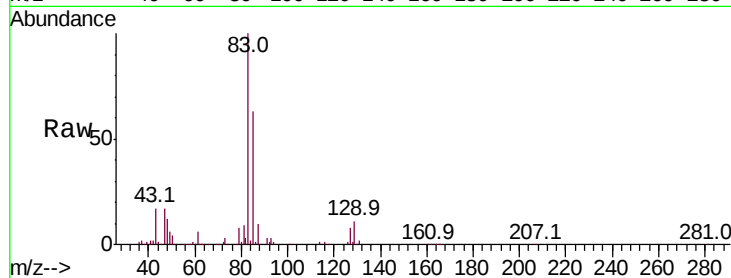
Tot Ion: 83 Resp: 219405

Ion Ratio Lower Upper

83 100

85 63.0 51.4 77.0

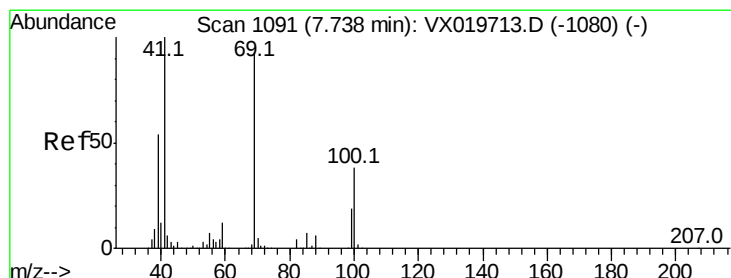
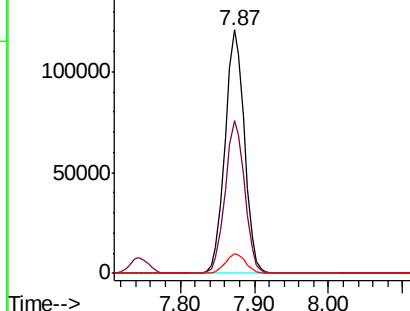
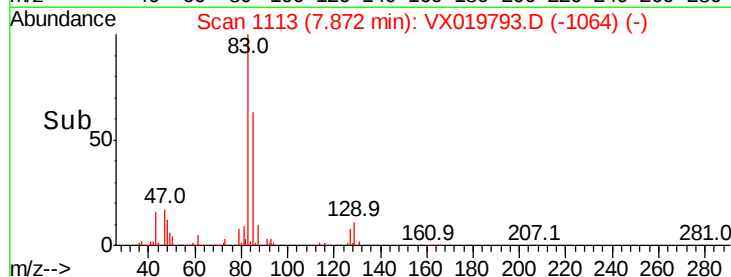
127 8.1 6.8 10.2



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: 52.350 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

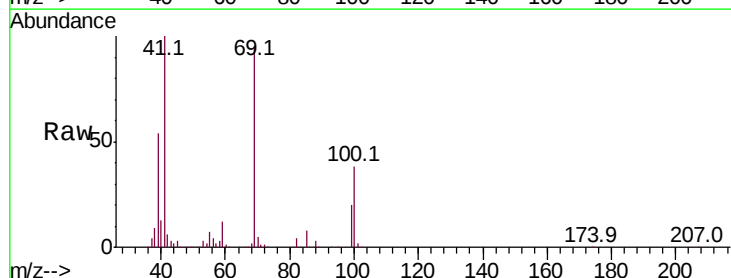
Tgt Ion: 41 Resp: 173240

Ion Ratio Lower Upper

41 100

69 94.4 76.0 114.0

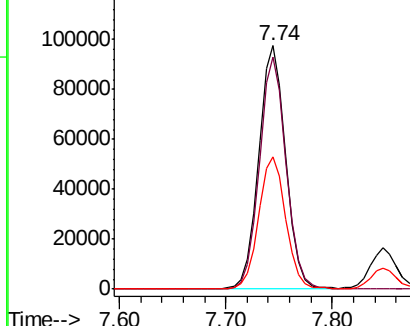
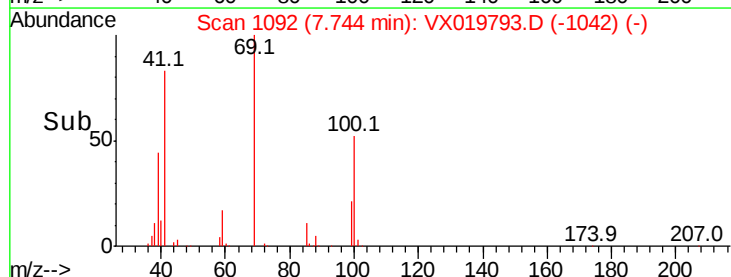
39 54.5 44.6 67.0

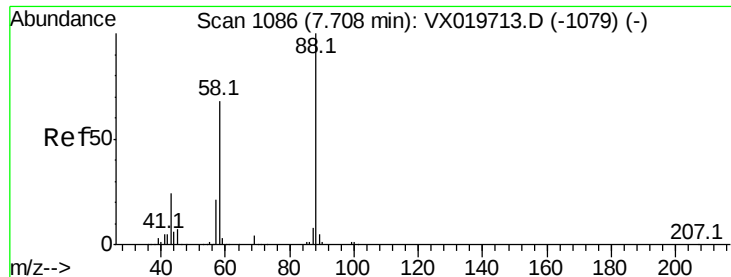


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

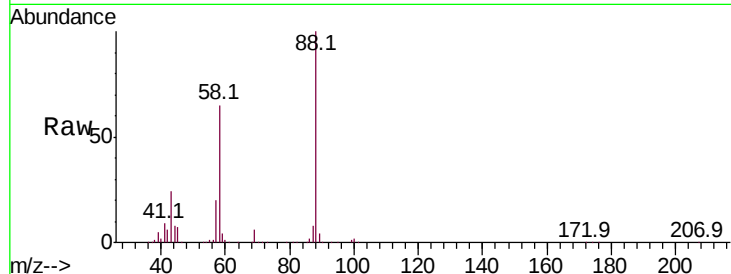




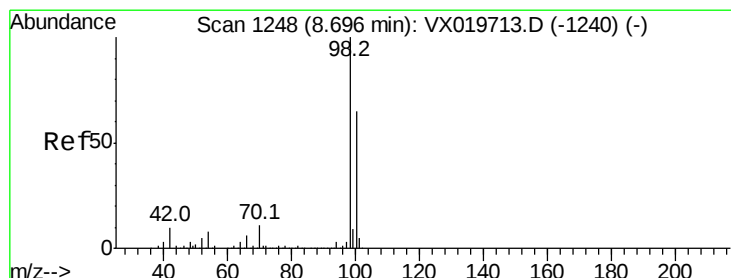
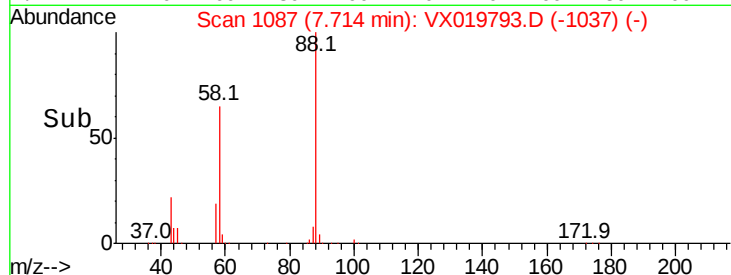
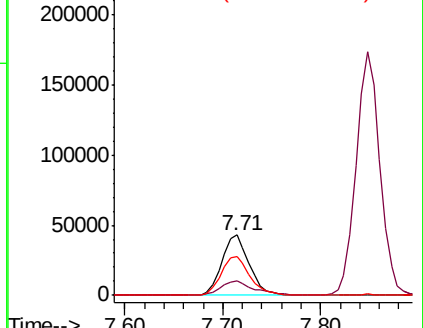
#49
 1,4-Dioxane
 Concen: 1042.326 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	83558
Ion	Ratio	Lower	Upper
88	100		
43	29.0	23.2	34.8
58	68.4	55.0	82.4

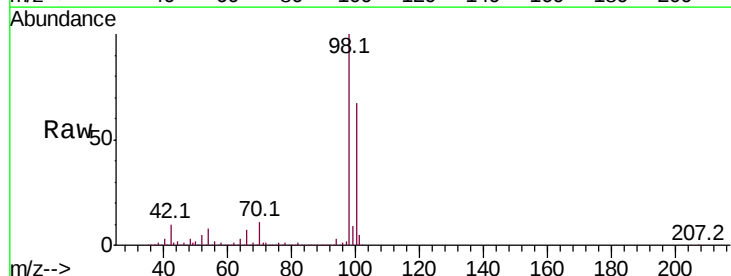


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

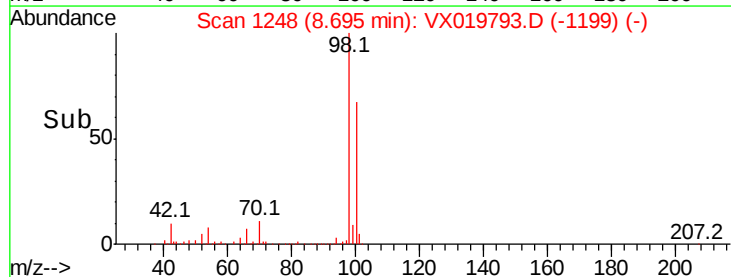
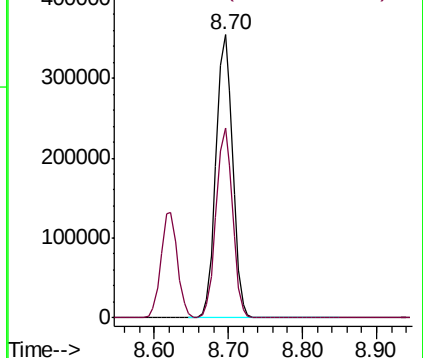


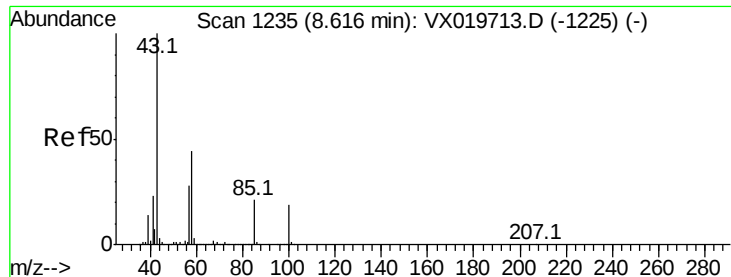
#50
 Toluene-d8
 Concen: 48.662 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Tgt Ion	98	Resp	544643
Ion	Ratio	Lower	Upper
98	100		
100	66.3	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 267.113 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

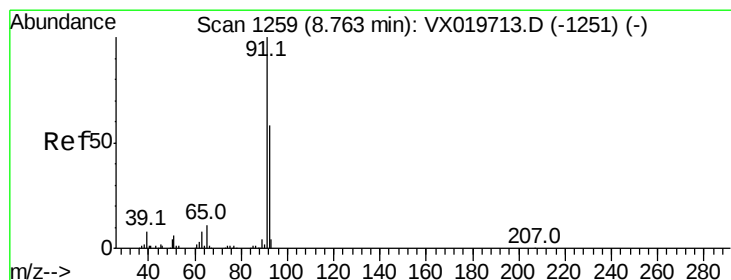
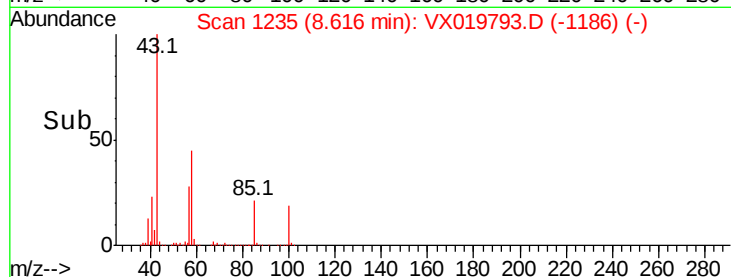
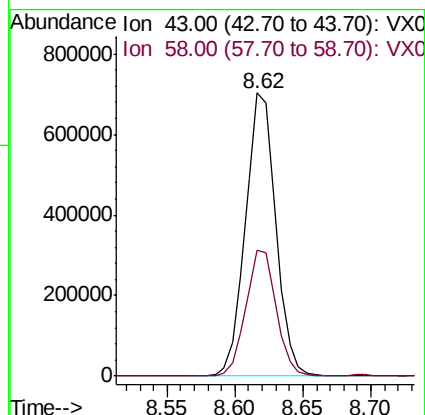
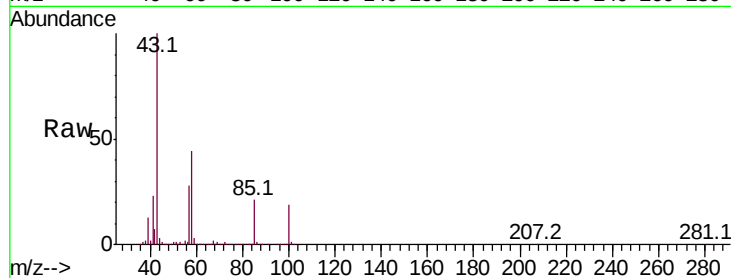
VSTDCCC050EC

Tot Ion: 43 Resp: 1097317

Ion Ratio Lower Upper

43 100

58 44.6 35.4 53.0



#52

Toluene

Concen: 51.162 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019793.D

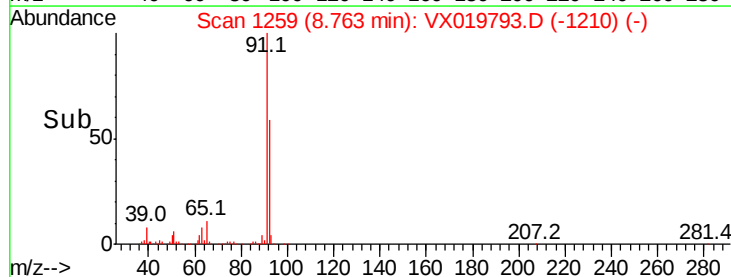
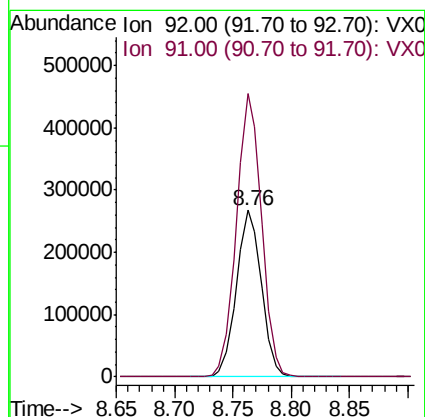
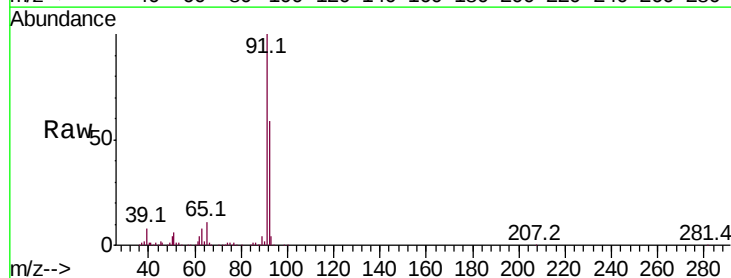
Acq: 09 Dec 2020 20:50

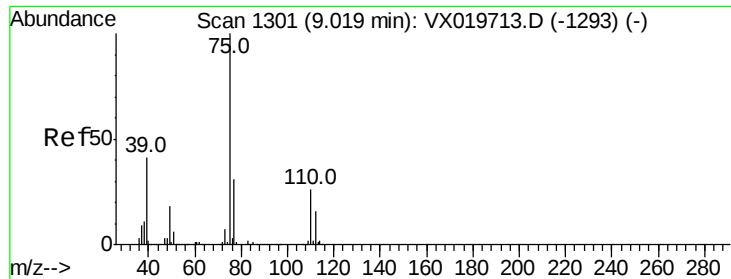
Tgt Ion: 92 Resp: 400670

Ion Ratio Lower Upper

92 100

91 171.0 137.1 205.7

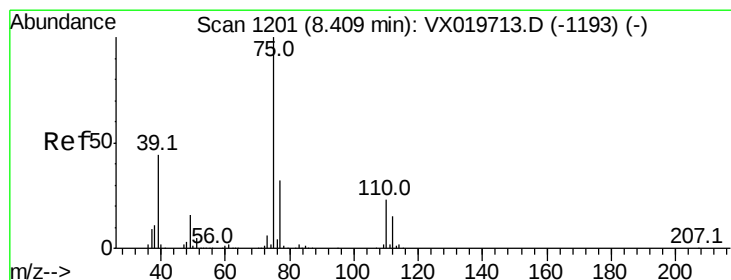
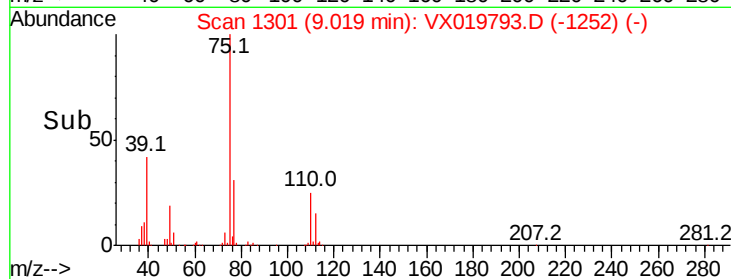
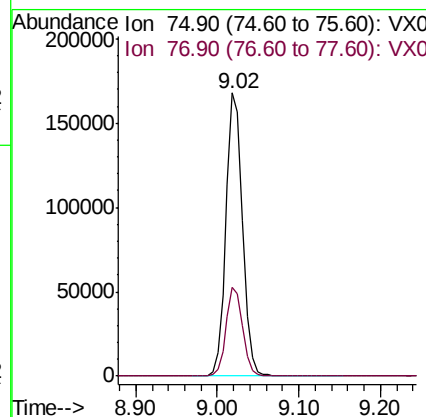
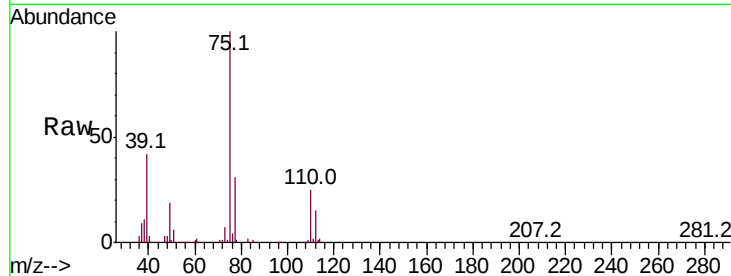




#53
 t-1,3-Dichloropropene
 Concen: 50.940 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

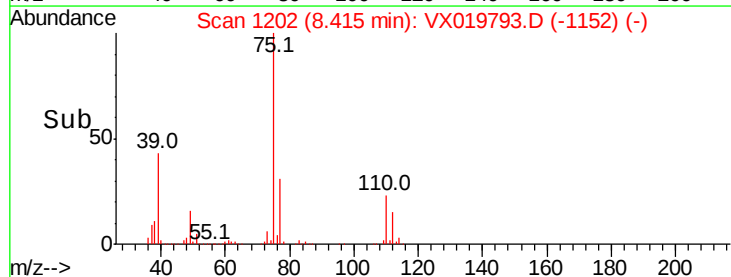
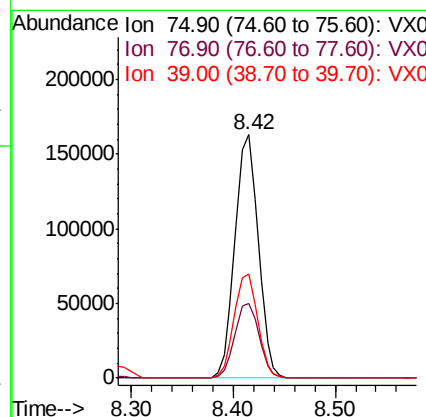
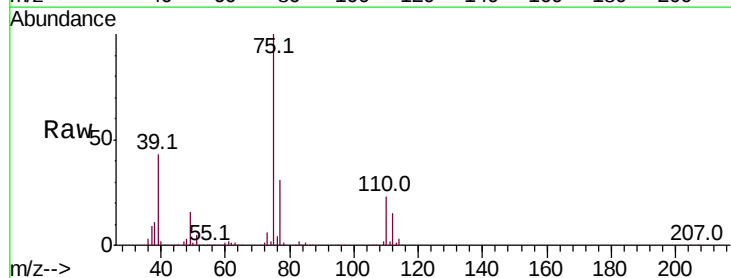
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

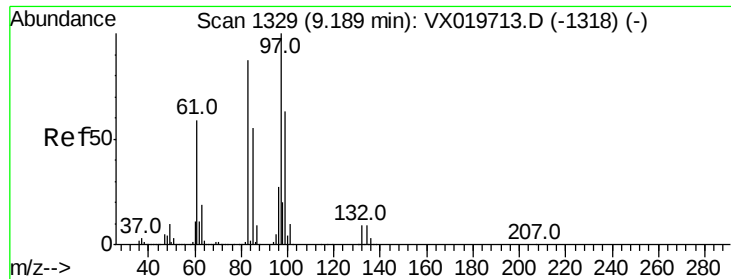
Tot Ion: 75 Resp: 237055
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 51.122 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Tgt Ion: 75 Resp: 258455
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.7 38.5
 39 42.8 35.1 52.7





#55

1,1,2-Trichloroethane

Concen: 52.794 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 166616

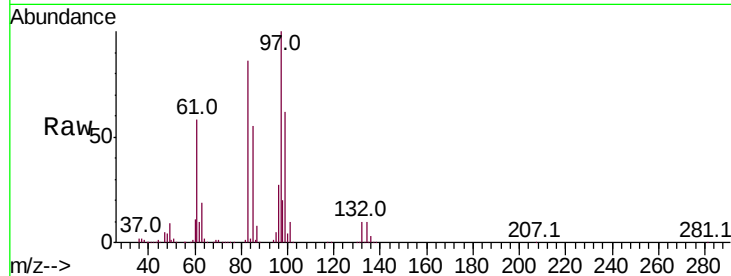
Ion Ratio Lower Upper

97 100

83 85.8 69.3 103.9

85 54.9 44.3 66.5

99 62.1 50.3 75.5

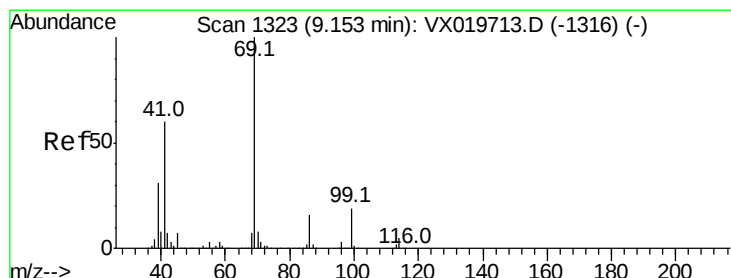
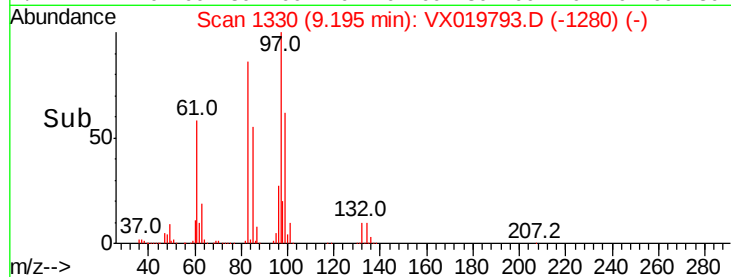
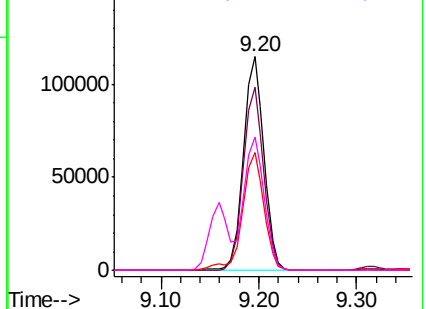


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.112 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

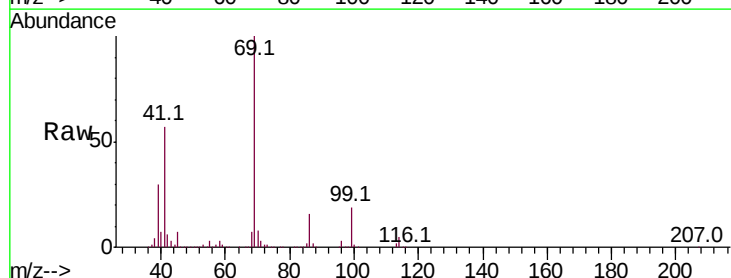
Tgt Ion: 69 Resp: 253600

Ion Ratio Lower Upper

69 100

41 58.5 46.8 70.2

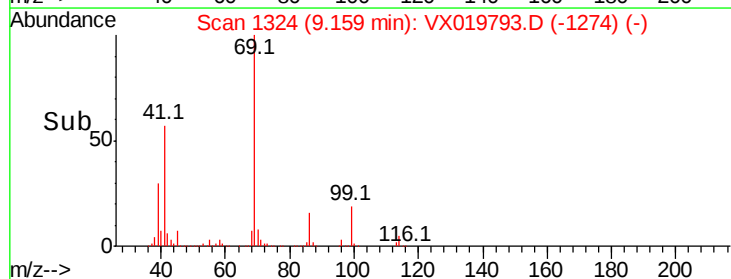
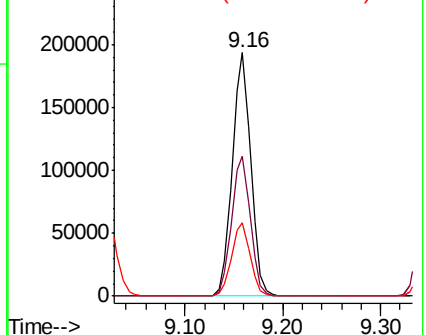
39 30.5 24.7 37.1

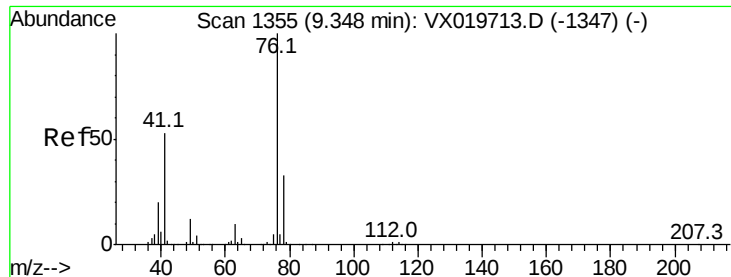


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.819 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

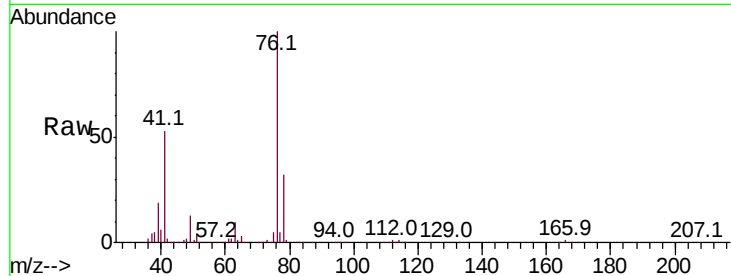
VSTDCCC050EC

Tot Ion: 76 Resp: 279243

Ion Ratio Lower Upper

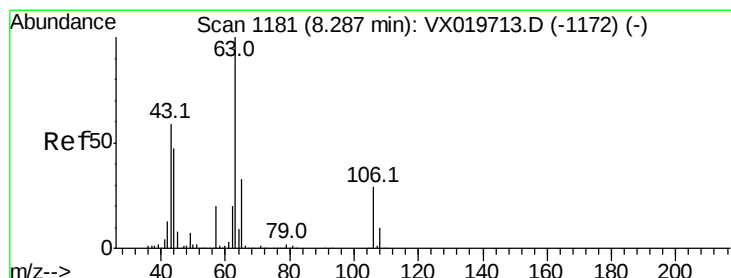
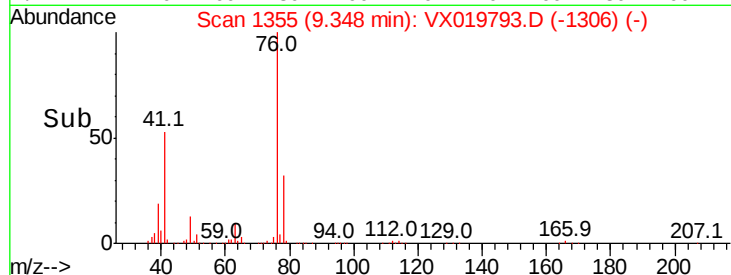
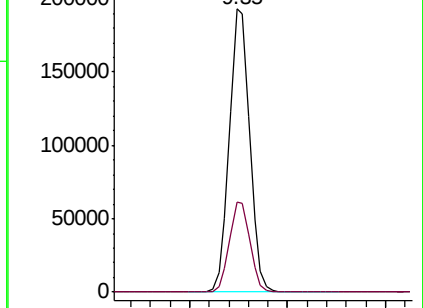
76 100

78 32.2 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 269.744 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019793.D

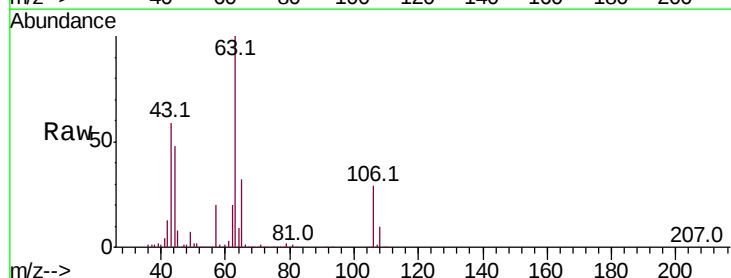
Acq: 09 Dec 2020 20:50

Tgt Ion: 63 Resp: 682323

Ion Ratio Lower Upper

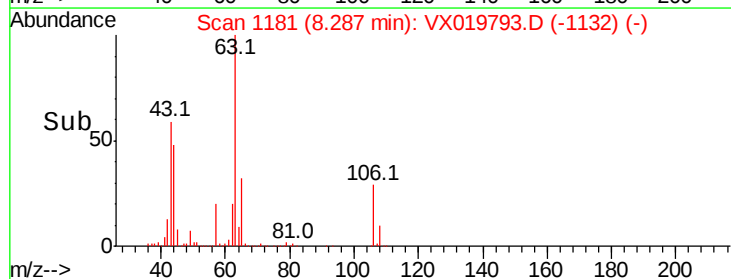
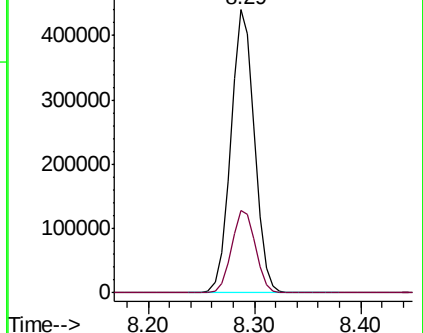
63 100

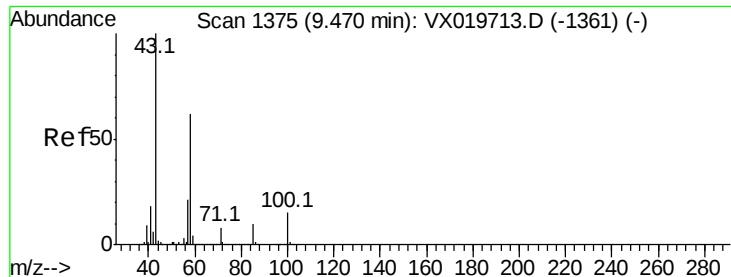
106 29.5 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

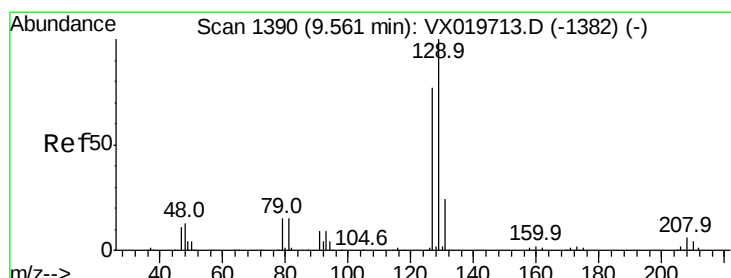
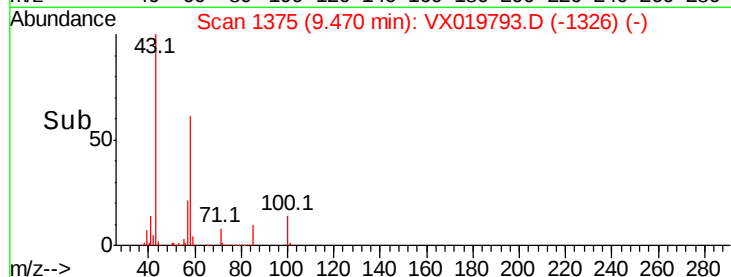
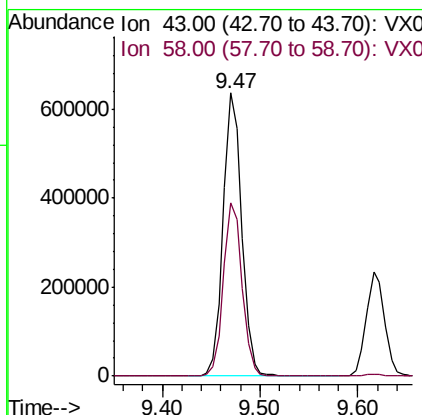
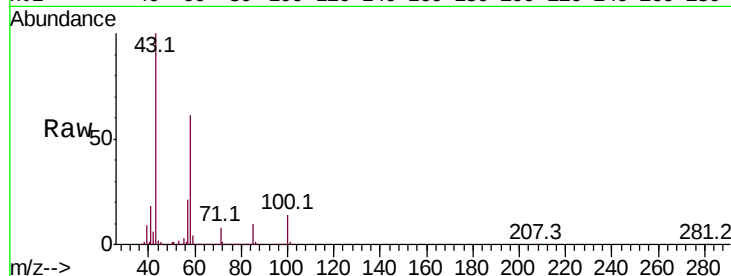




#59
2-Hexanone
Concen: 263.887 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

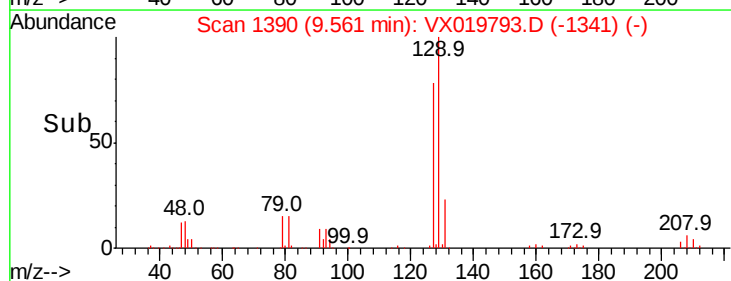
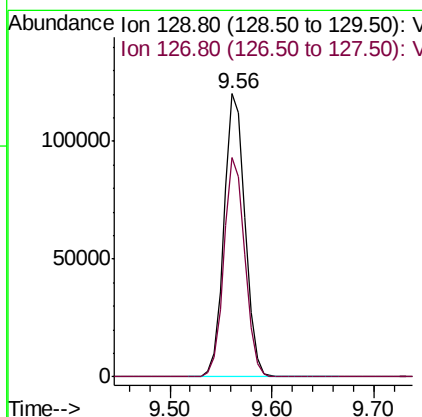
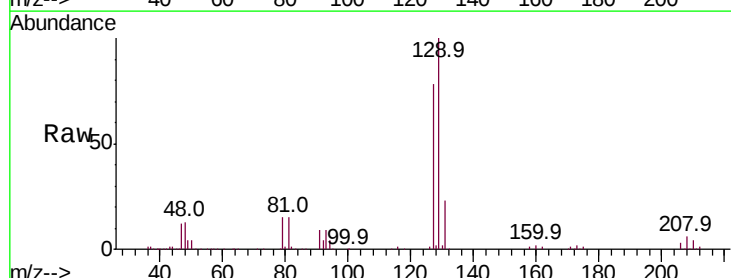
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

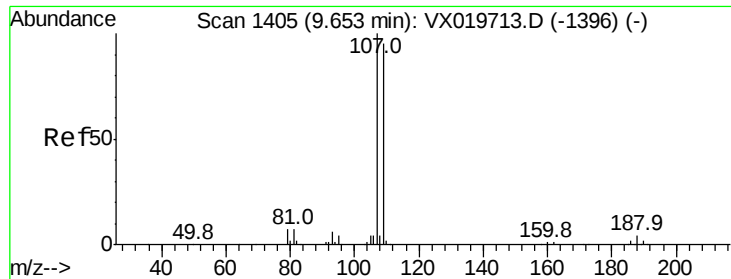
Tot Ion: 43 Resp: 840295
Ion Ratio Lower Upper
43 100
58 61.6 30.9 92.8



#60
Dibromochloromethane
Concen: 53.311 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion: 129 Resp: 170937
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.686 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

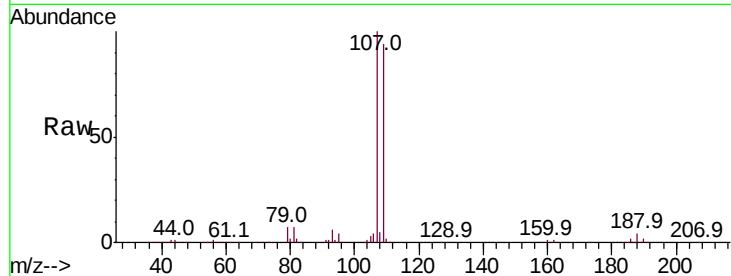
VSTDCCC050EC

Tot Ion:107 Resp: 173210

Ion Ratio Lower Upper

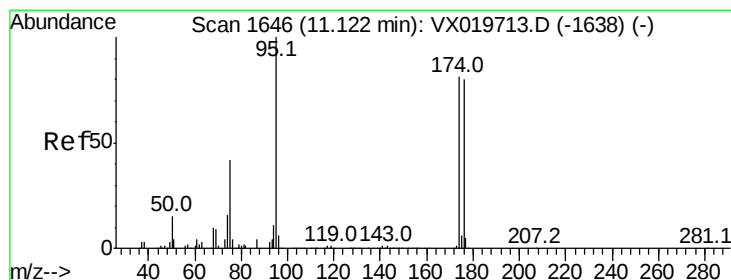
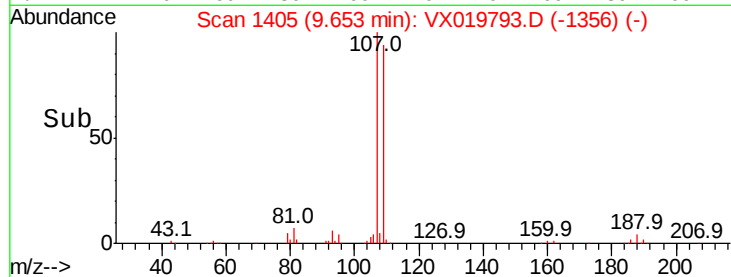
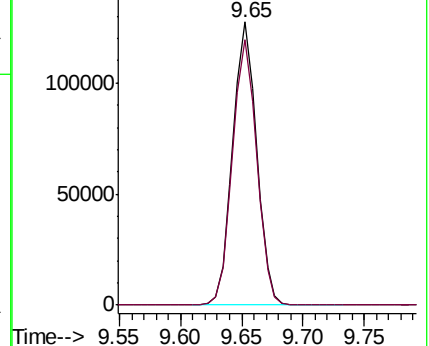
107 100

109 94.6 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: 48.983 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

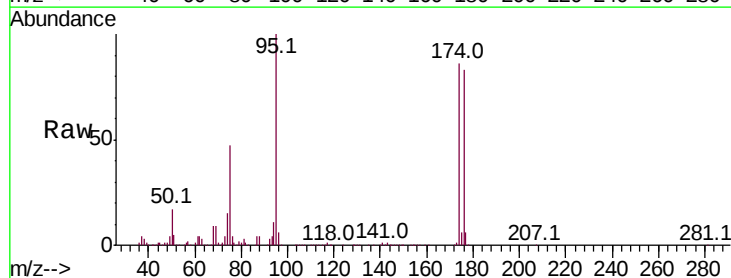
Tgt Ion: 95 Resp: 208668

Ion Ratio Lower Upper

95 100

174 79.1 0.0 154.6

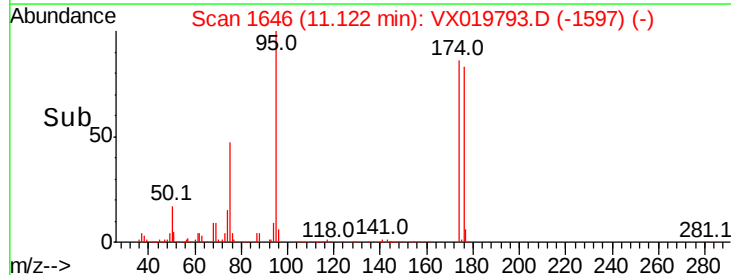
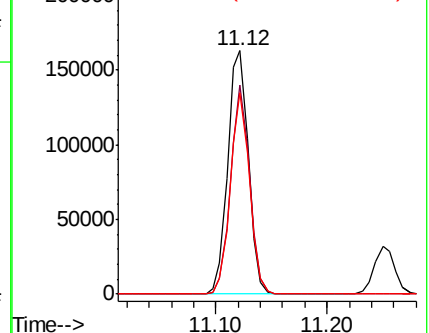
176 76.8 0.0 155.8

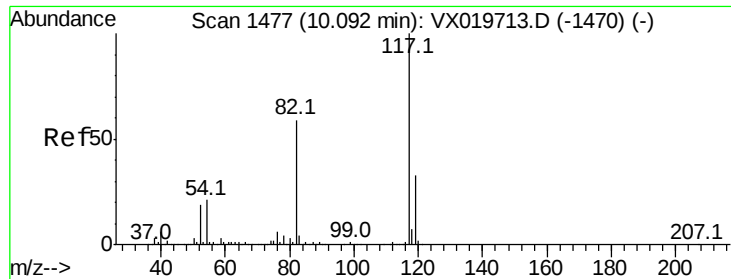


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

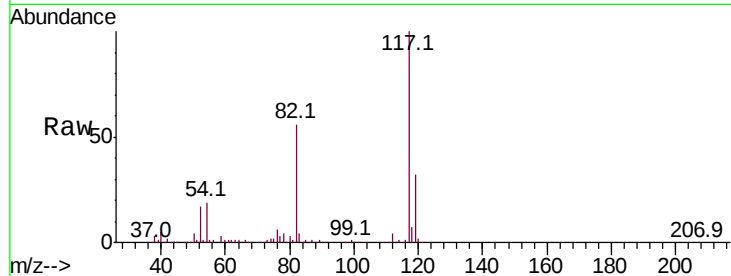




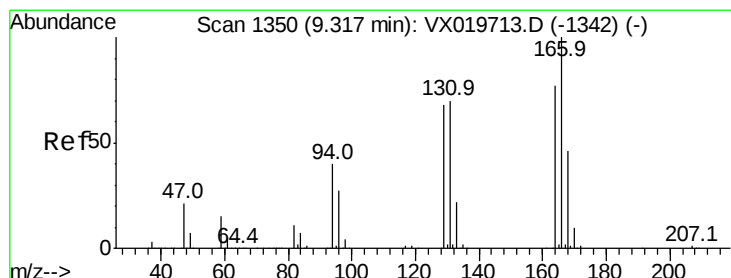
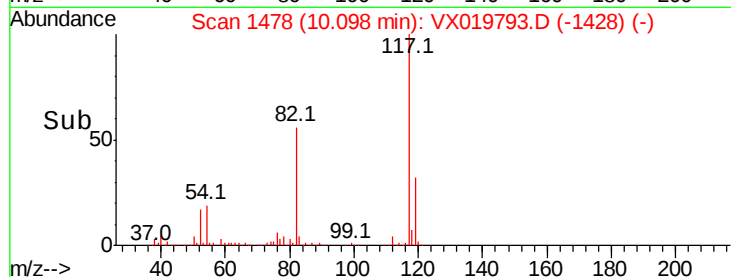
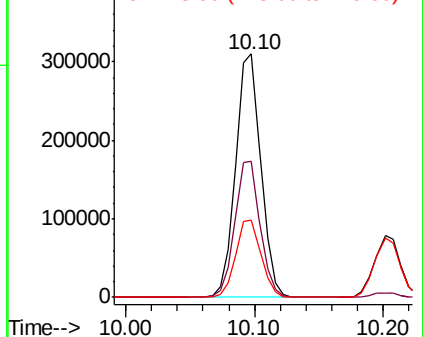
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 422183
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 31.7 26.6 39.8

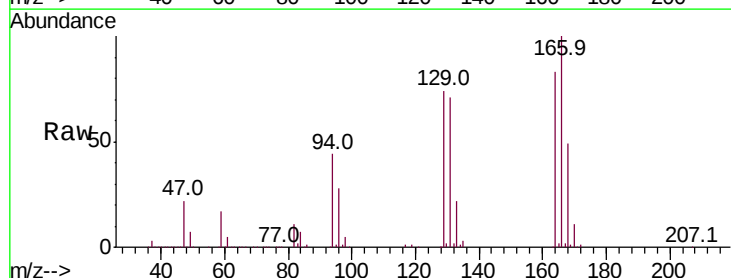


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

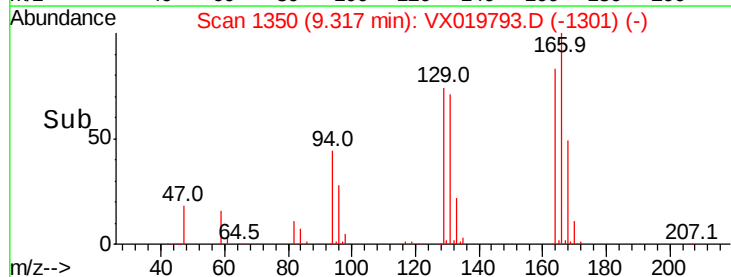
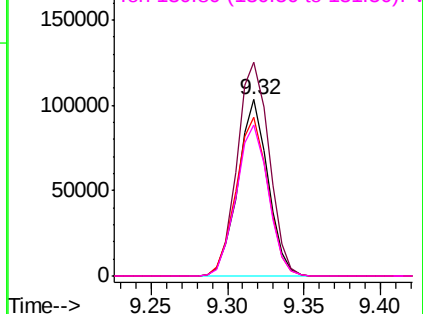


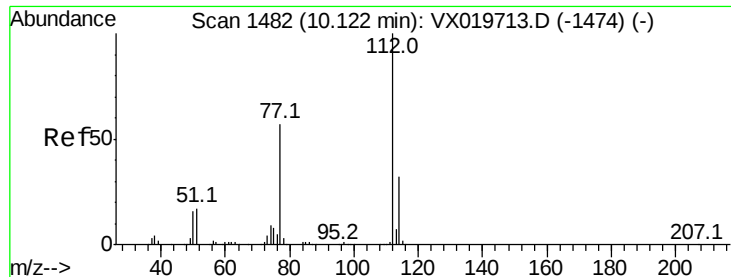
#64
Tetrachloroethene
Concen: 49.872 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion:164 Resp: 141199
Ion Ratio Lower Upper
164 100
166 121.0 103.4 155.2
129 90.2 70.8 106.2
131 85.8 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: 50.119 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

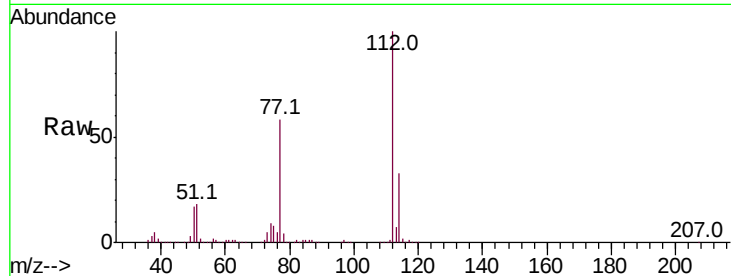
VSTDCCC050EC

Tot Ion:112 Resp: 421558

Ion Ratio Lower Upper

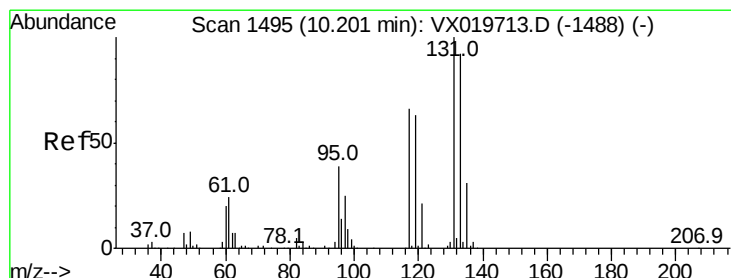
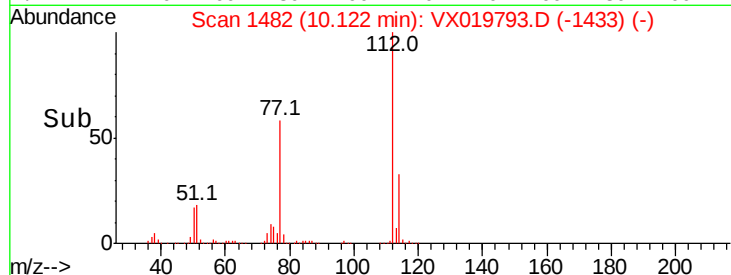
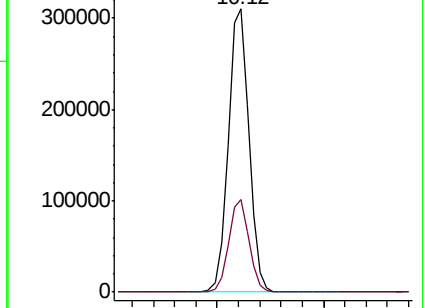
112 100

114 32.6 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.792 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

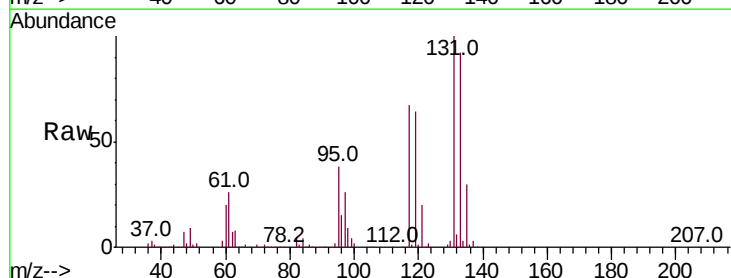
Tgt Ion:131 Resp: 159822

Ion Ratio Lower Upper

131 100

133 94.5 47.7 143.1

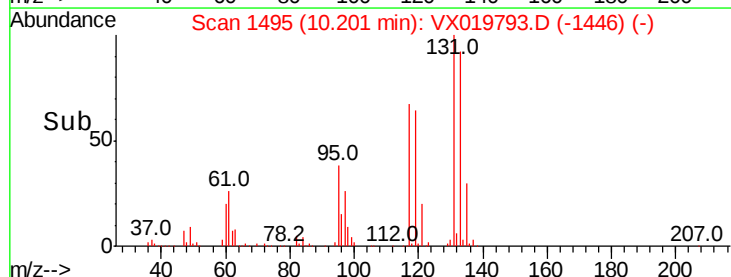
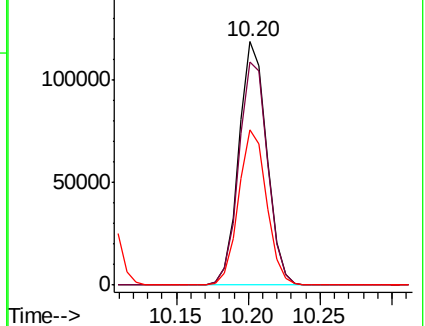
119 64.5 32.1 96.5

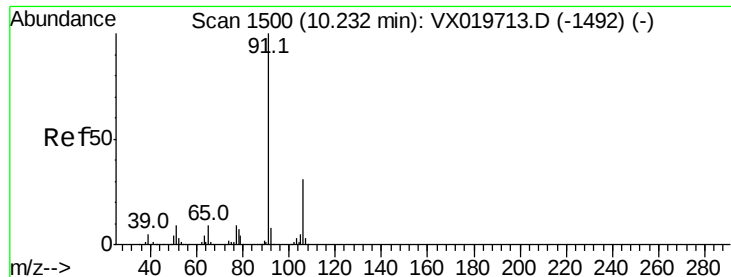


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

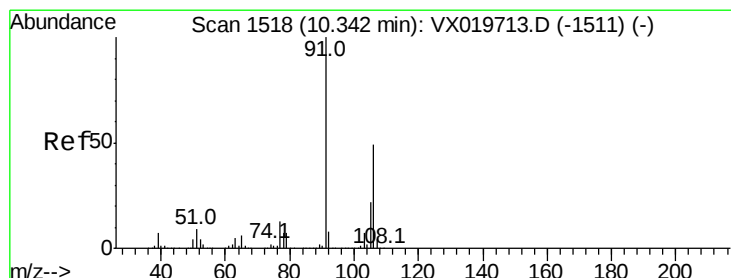
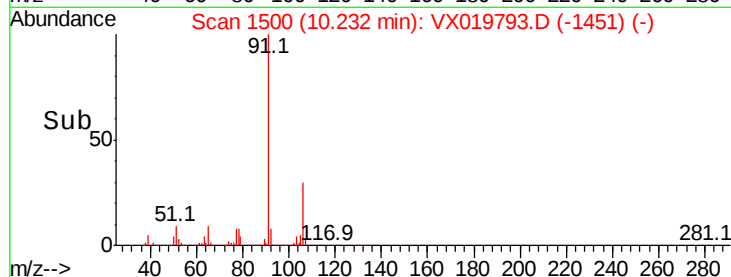
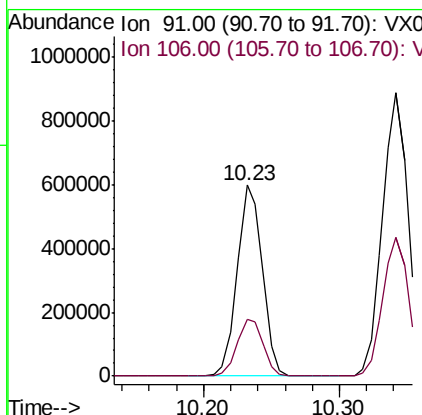
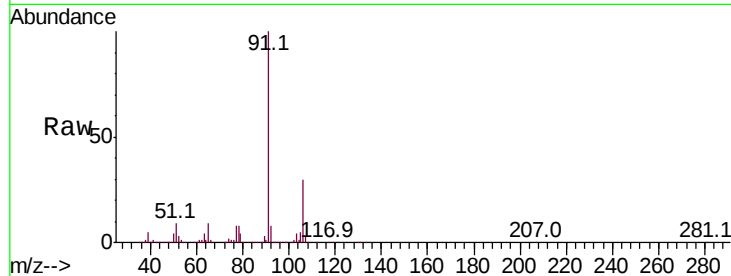




#67
Ethyl Benzene
Concen: 51.437 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

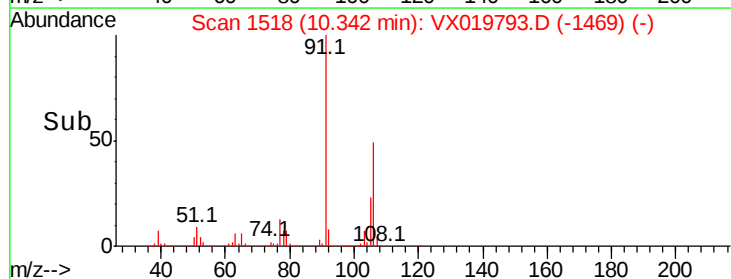
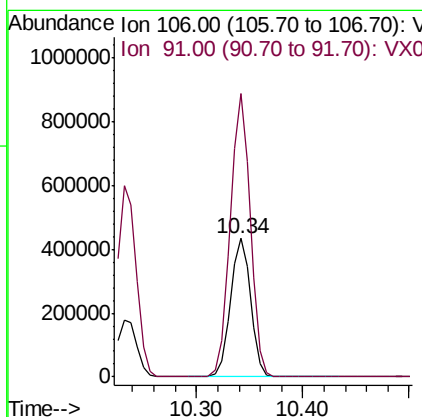
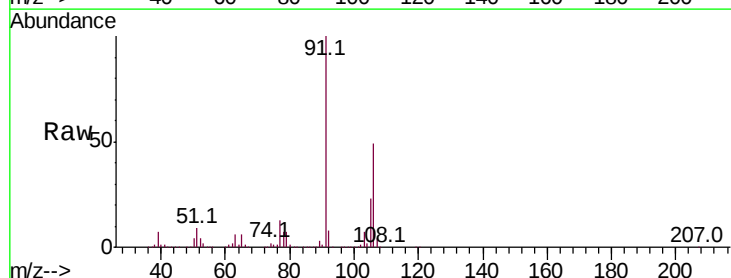
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

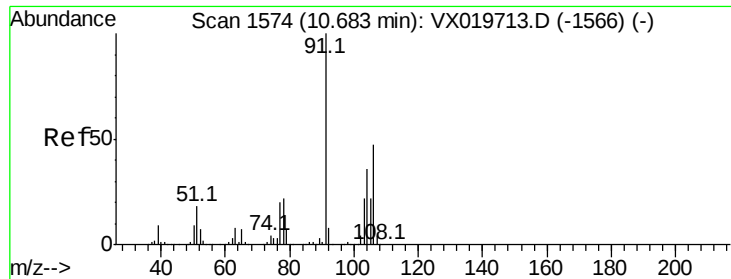
Tot Ion: 91 Resp: 767957
Ion Ratio Lower Upper
91 100
106 29.9 24.6 37.0



#68
m/p-Xylenes
Concen: 102.623 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion: 106 Resp: 577340
Ion Ratio Lower Upper
106 100
91 203.4 162.8 244.2

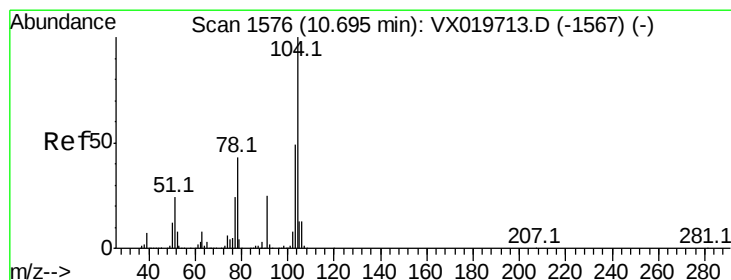
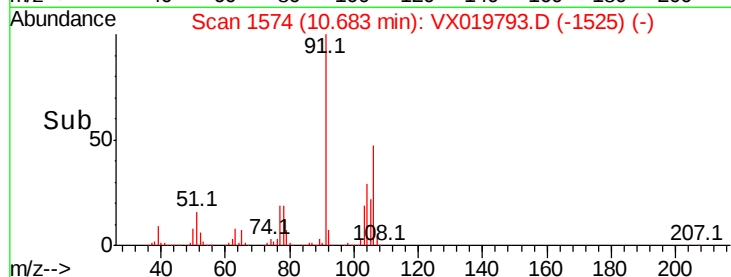
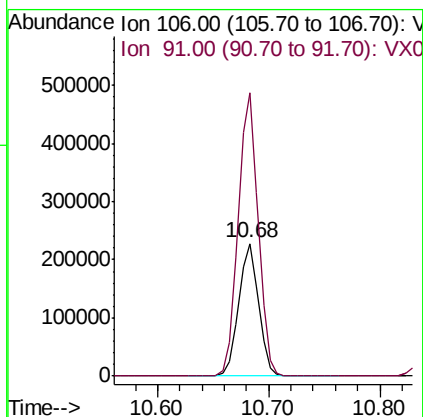
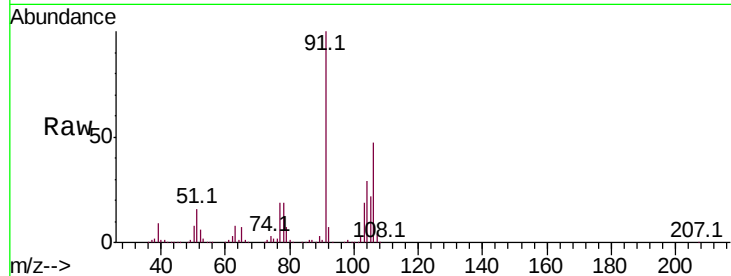




#69
o-Xylene
Concen: 51.993 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

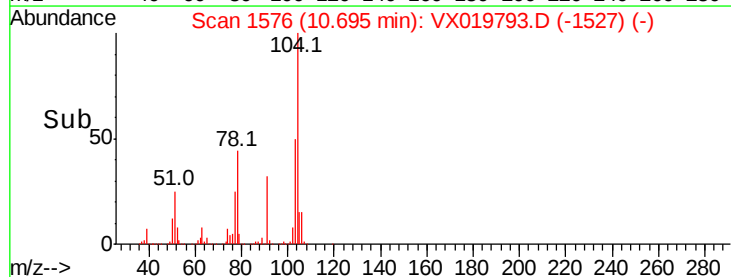
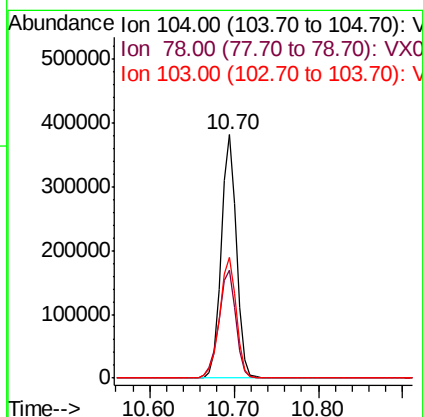
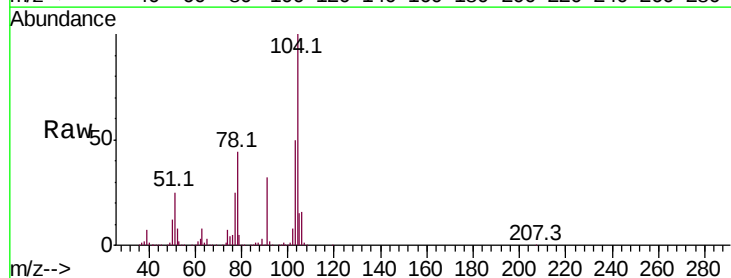
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

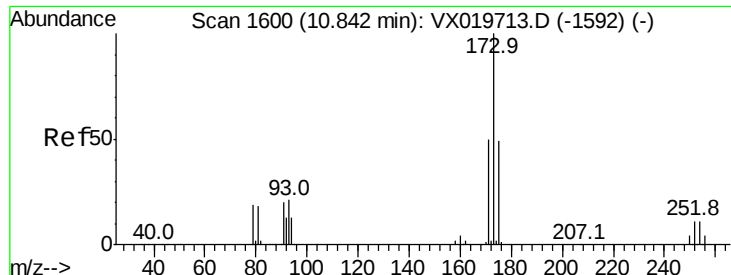
Tot Ion:106 Resp: 281375
Ion Ratio Lower Upper
106 100
91 214.8 108.1 324.2



#70
Styrene
Concen: 52.414 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion:104 Resp: 478776
Ion Ratio Lower Upper
104 100
78 49.7 40.0 60.0
103 54.0 43.4 65.0





#71

Bromoform

Concen: 52.450 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

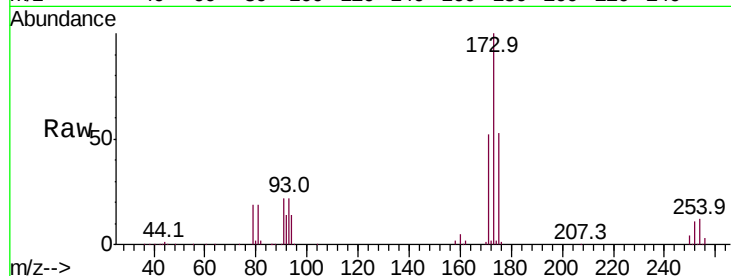
Tot Ion:173 Resp: 124913

Ion Ratio Lower Upper

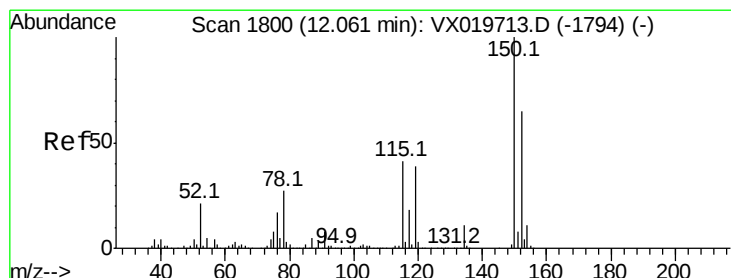
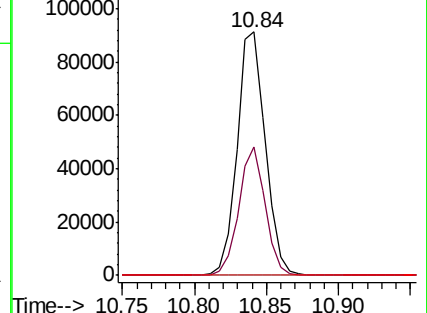
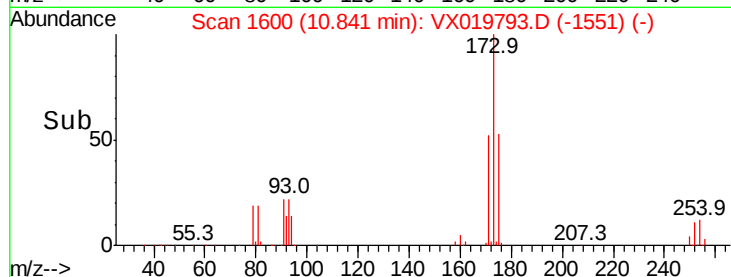
173 100

175 49.3 23.9 71.8

254 0.2 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: VX019793.D

Acq: 09 Dec 2020 20:50

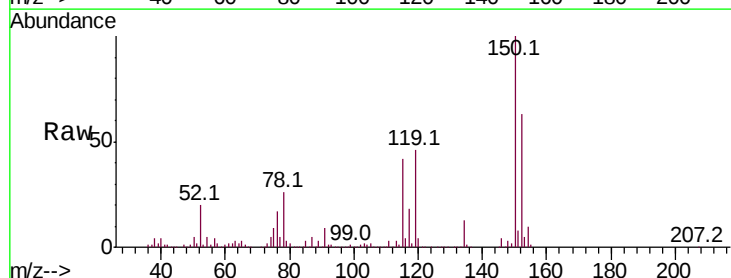
Tgt Ion:152 Resp: 212725

Ion Ratio Lower Upper

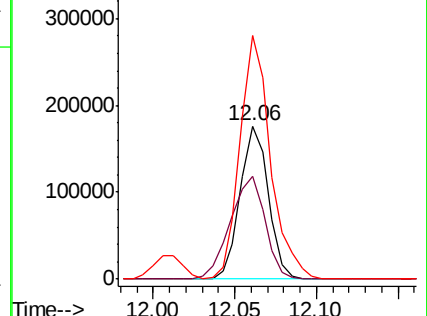
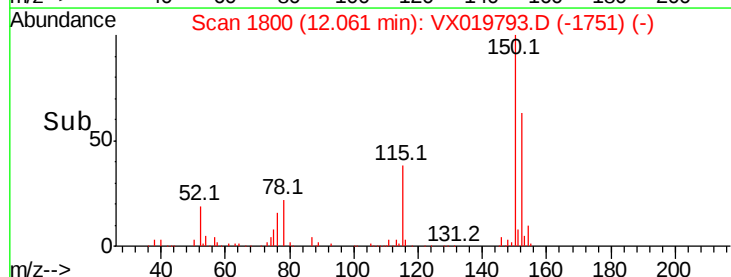
152 100

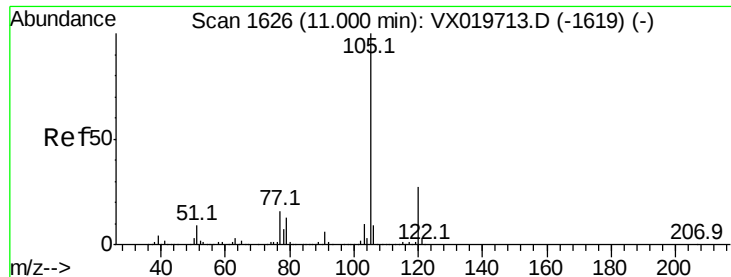
115 82.4 41.1 123.3

150 172.1 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: 51.413 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

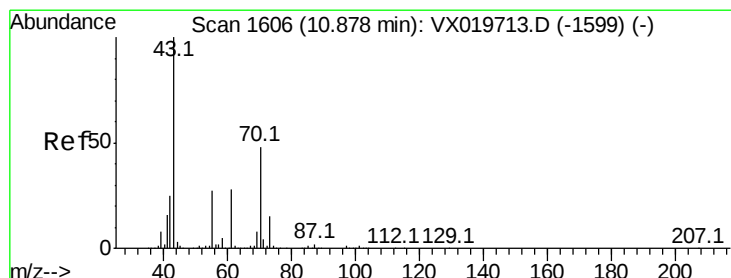
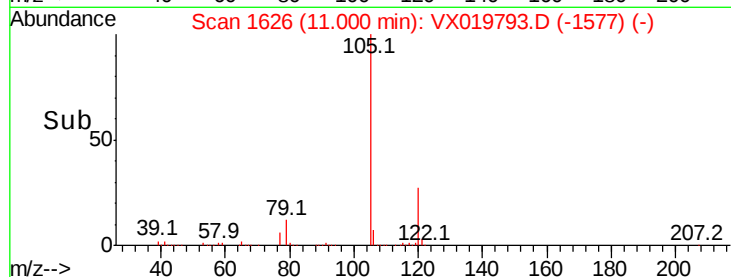
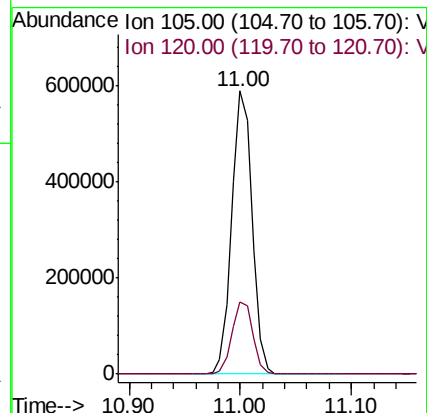
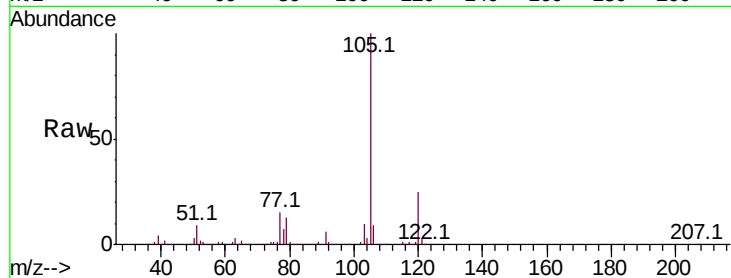
VSTDCCC050EC

Tot Ion:105 Resp: 747199

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 51.768 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Tgt Ion: 43 Resp: 301505

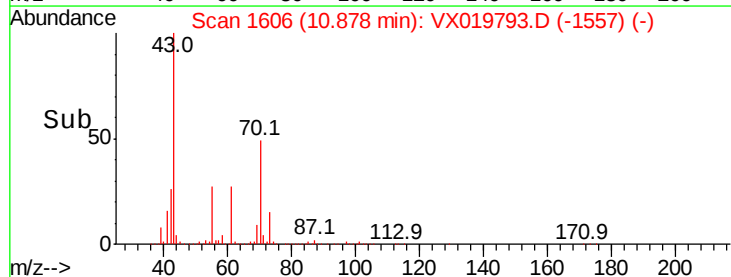
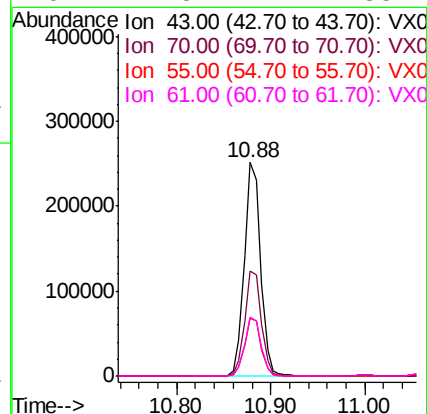
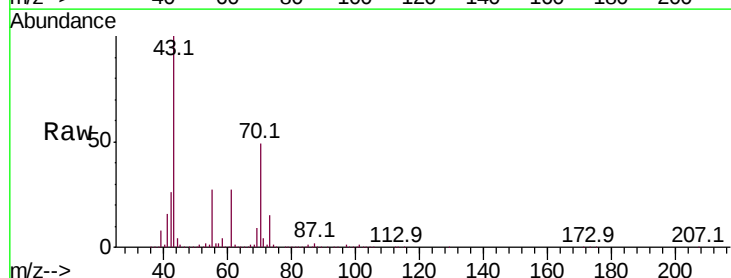
Ion Ratio Lower Upper

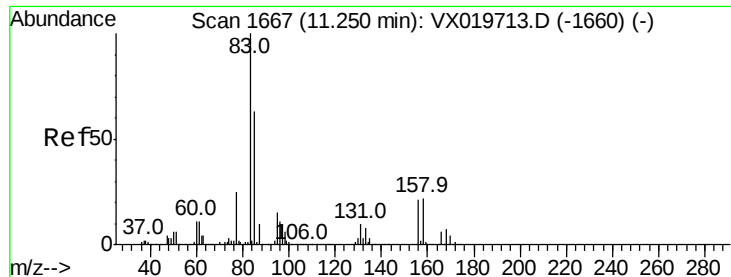
43 100

70 50.3 39.0 58.6

55 27.5 21.5 32.3

61 27.8 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.013 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

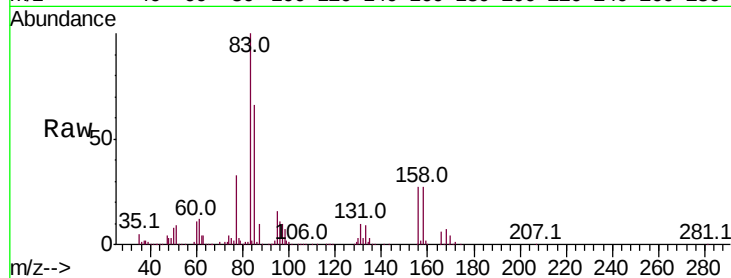
Tot Ion: 83 Resp: 266508

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

85 65.2 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

11.25

250000

200000

150000

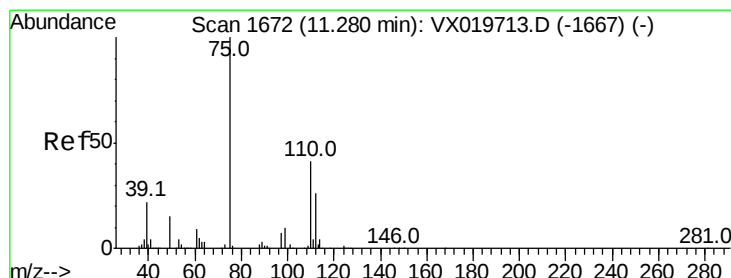
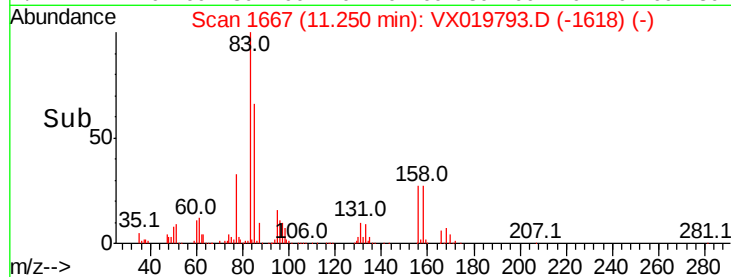
100000

50000

0

Time-->

11.20 11.30 11.40



#76

1,2,3-Trichloropropane

Concen: 62.649 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019793.D

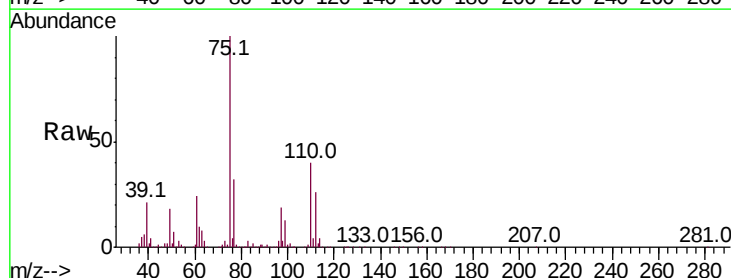
Acq: 09 Dec 2020 20:50

Tgt Ion: 75 Resp: 298900

Ion Ratio Lower Upper

75 100

77 31.6 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

250000

200000

150000

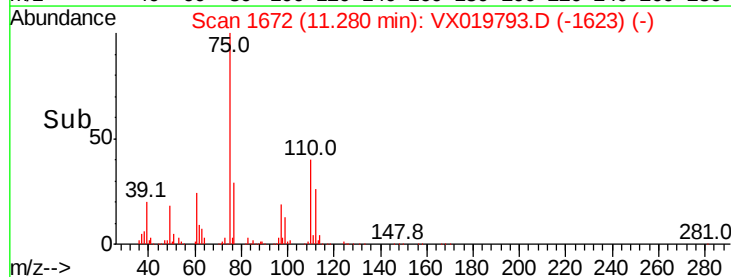
100000

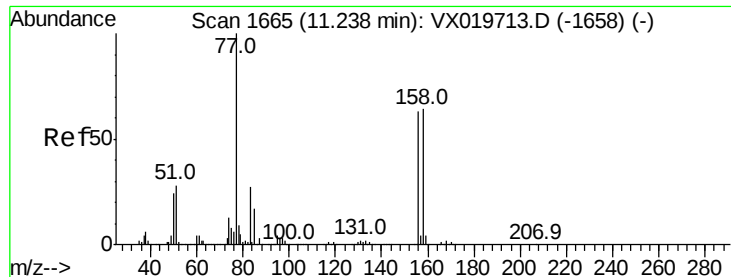
50000

0

Time-->

11.25 11.30





#77

Bromobenzene

Concen: 50.373 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

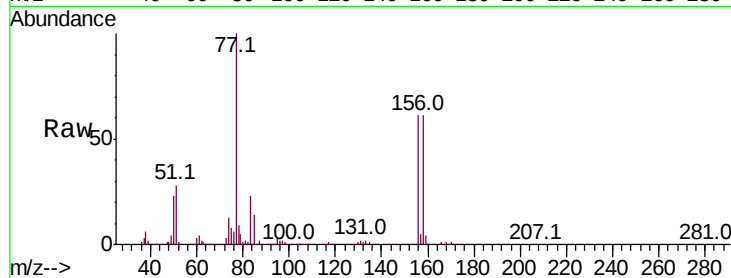
Tot Ion:156 Resp: 187348

Ion Ratio Lower Upper

156 100

77 164.8 82.8 248.6

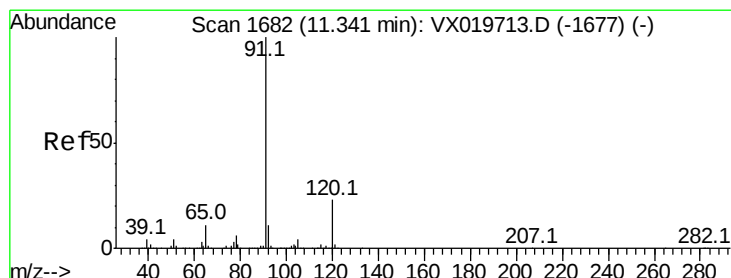
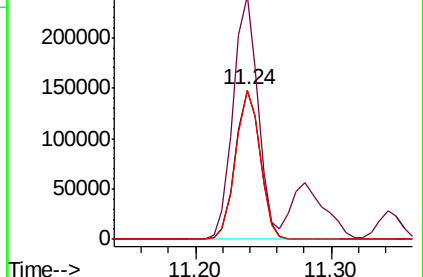
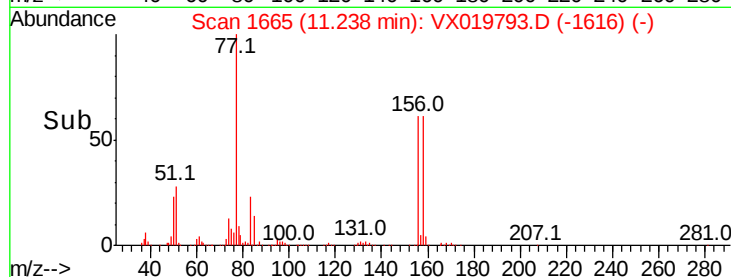
158 98.7 49.1 147.4



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: 51.227 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019793.D

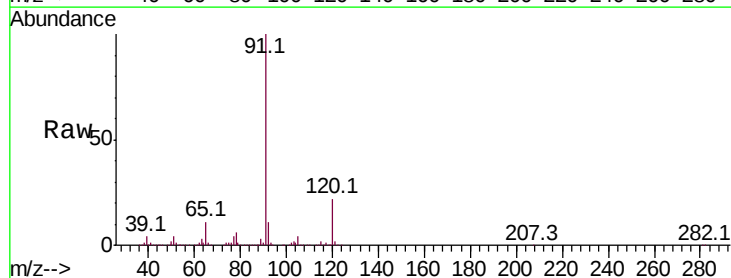
Acq: 09 Dec 2020 20:50

Tgt Ion: 91 Resp: 850324

Ion Ratio Lower Upper

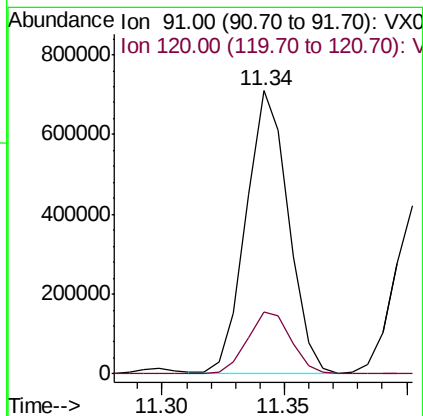
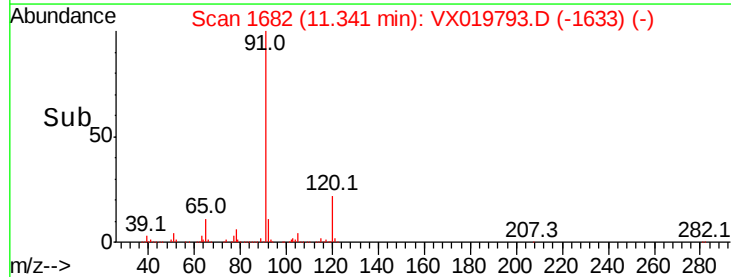
91 100

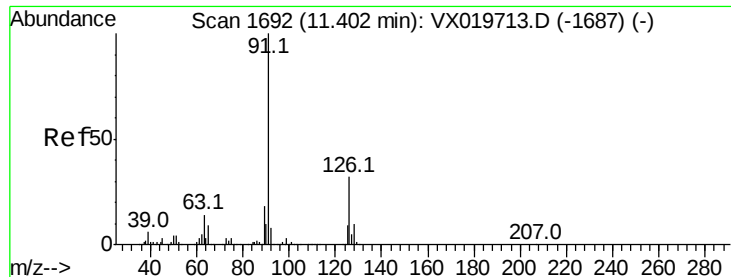
120 22.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.904 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

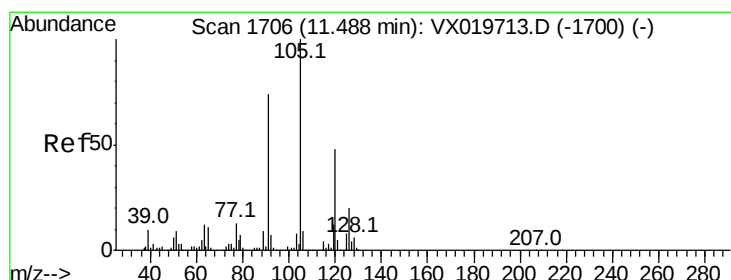
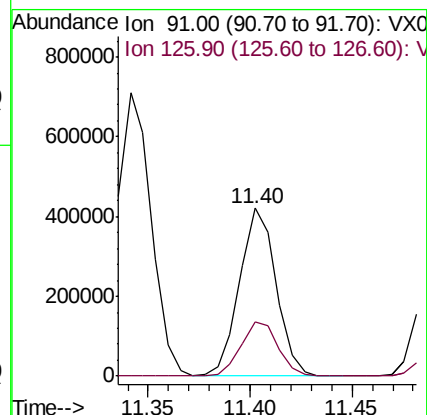
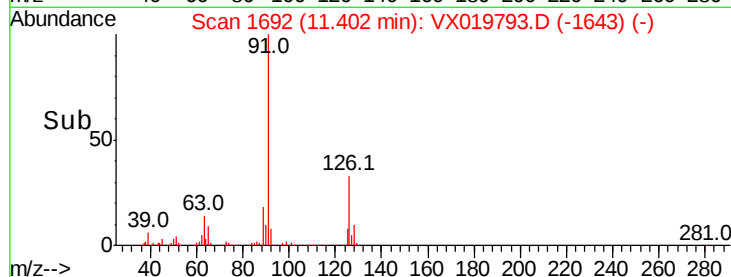
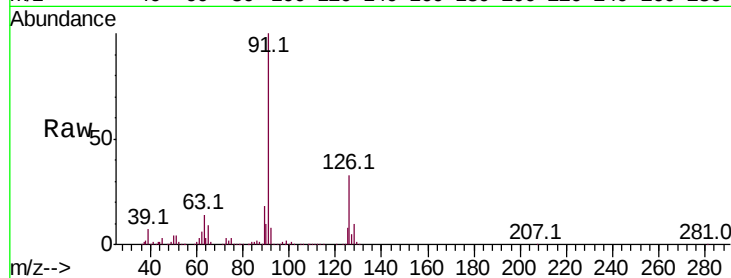
VSTDCCC050EC

Tot Ion: 91 Resp: 520350

Ion Ratio Lower Upper

91 100

126 33.2 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 52.125 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019793.D

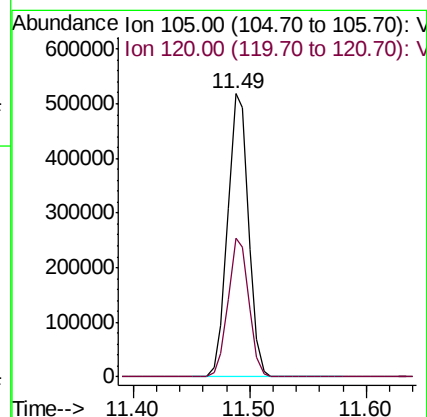
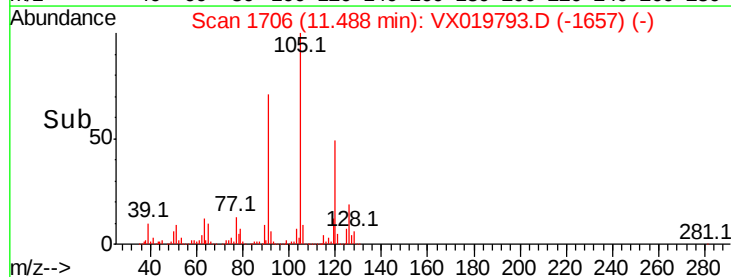
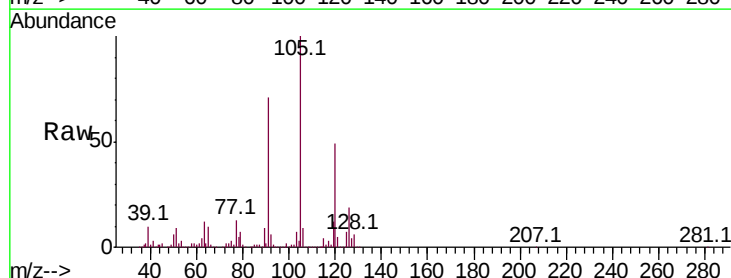
Acq: 09 Dec 2020 20:50

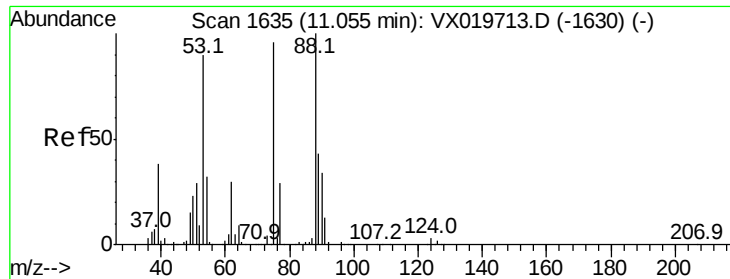
Tgt Ion: 105 Resp: 639343

Ion Ratio Lower Upper

105 100

120 48.7 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 50.139 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

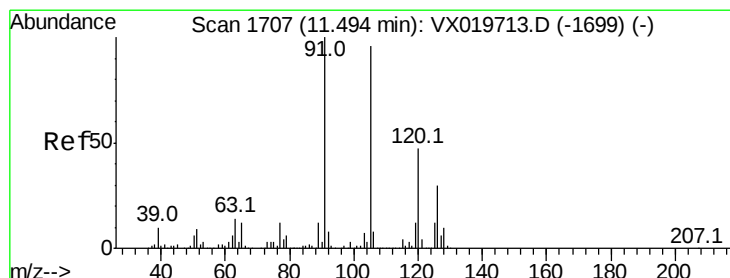
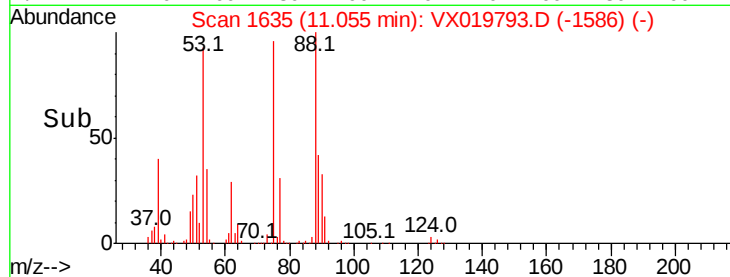
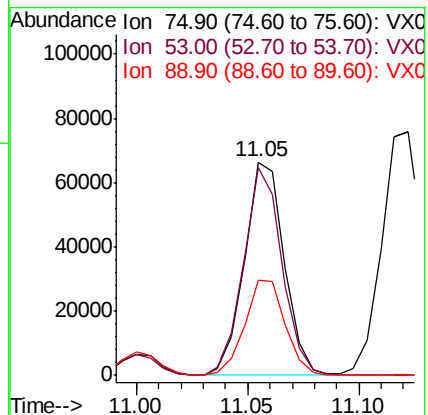
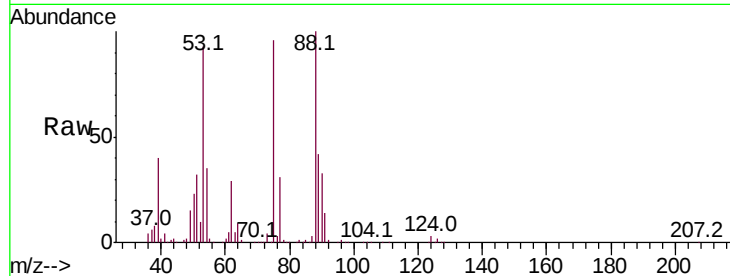
Tot Ion: 75 Resp: 82750

Ion Ratio Lower Upper

75 100

53 94.4 74.5 111.7

89 45.8 37.9 56.9



#82

4-Chlorotoluene

Concen: 50.327 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019793.D

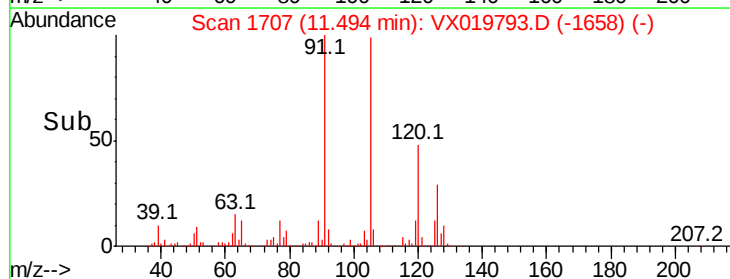
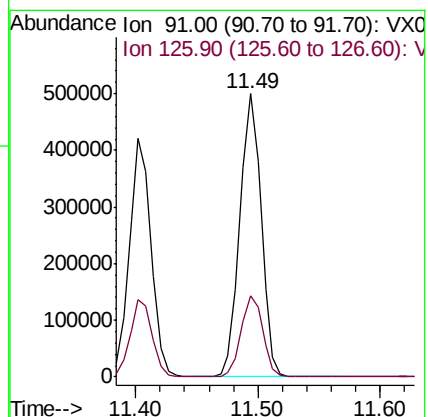
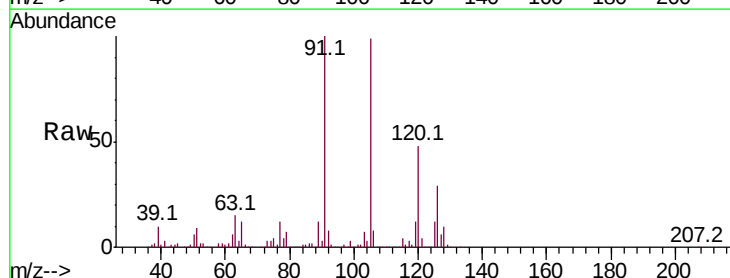
Acq: 09 Dec 2020 20:50

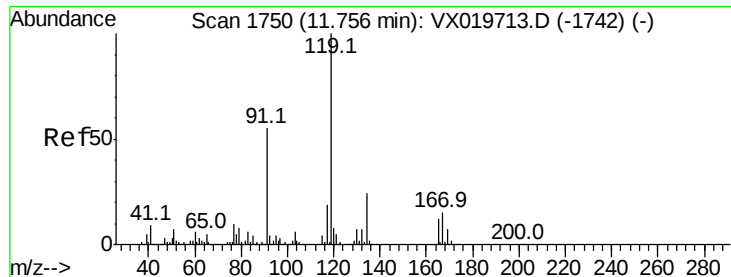
Tgt Ion: 91 Resp: 602504

Ion Ratio Lower Upper

91 100

126 29.1 14.9 44.5





#83

tert-Butylbenzene

Concen: 51.842 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

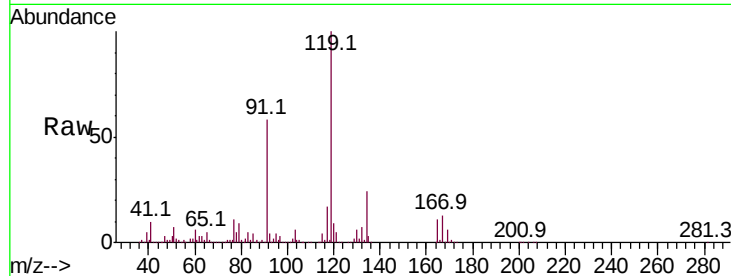
Tot Ion:119 Resp: 623643

Ion Ratio Lower Upper

119 100

91 56.5 27.9 83.7

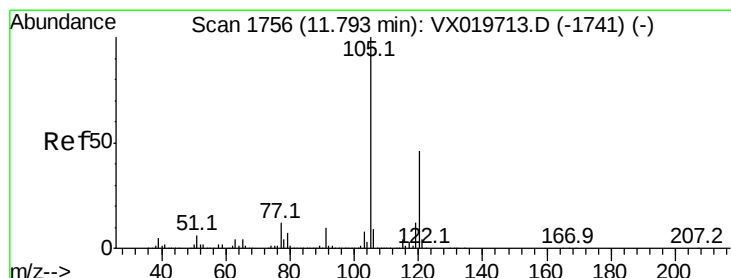
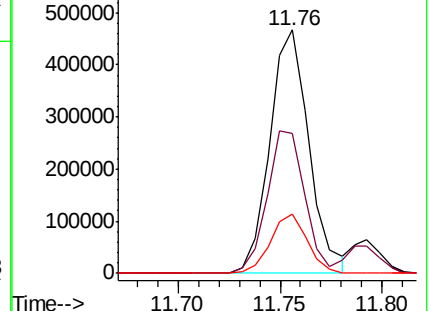
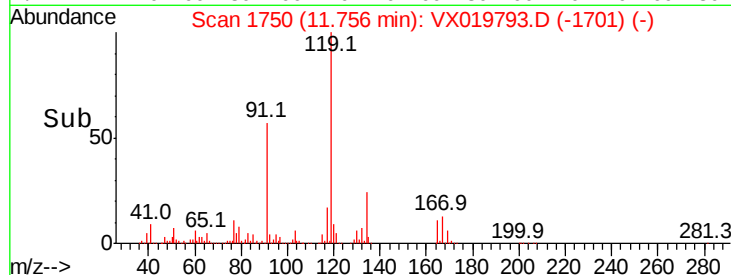
134 22.8 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.067 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX019793.D

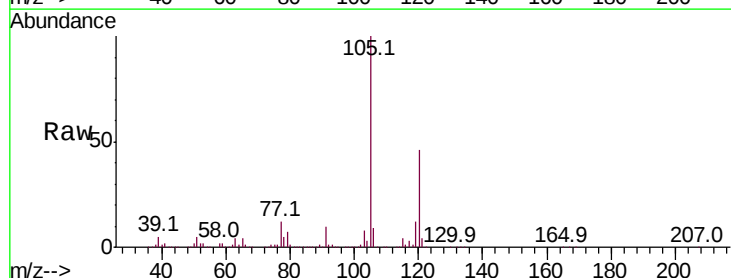
Acq: 09 Dec 2020 20:50

Tgt Ion:105 Resp: 643315

Ion Ratio Lower Upper

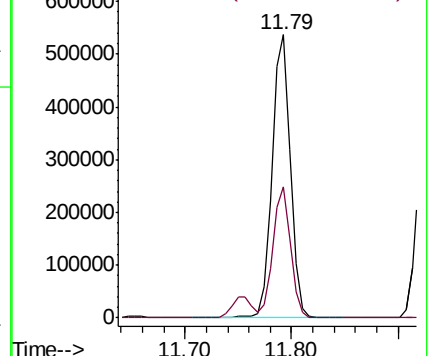
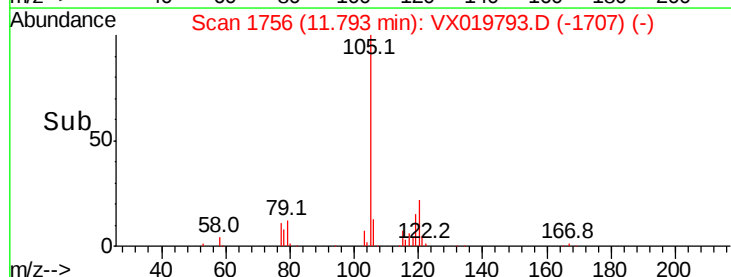
105 100

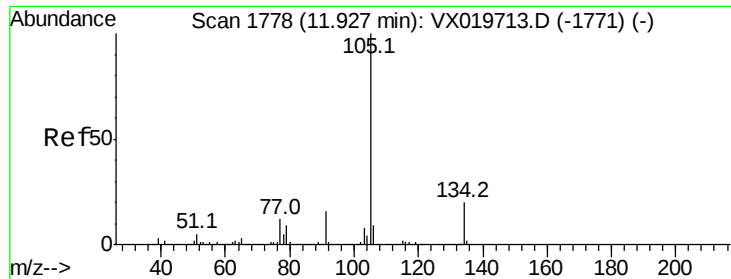
120 44.8 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

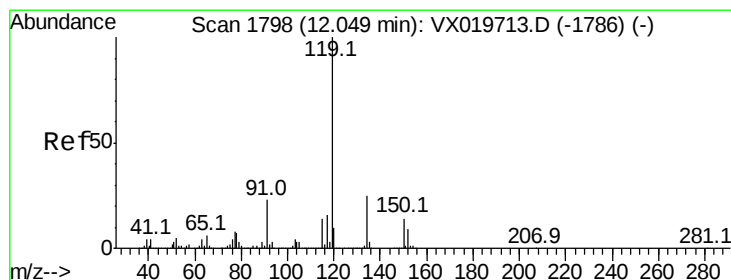
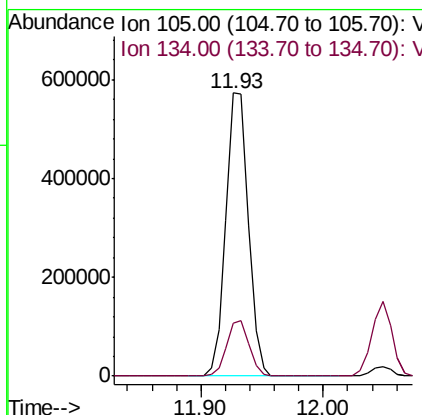
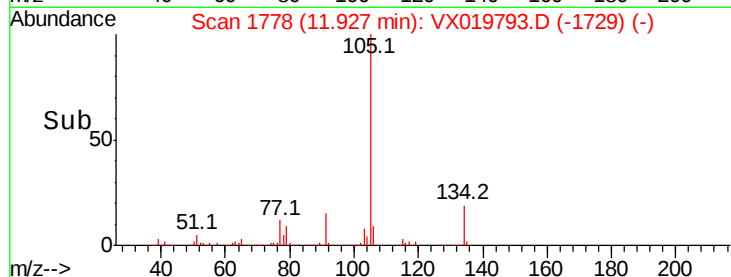
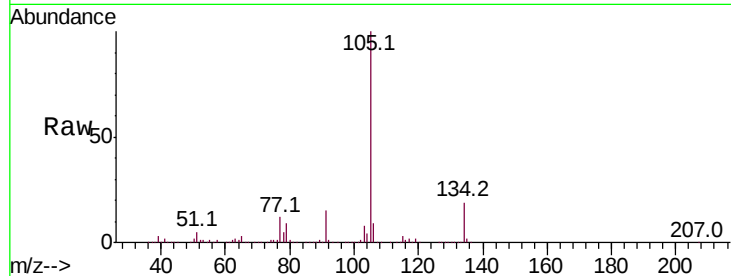




#85
 sec-Butylbenzene
 Concen: 52.844 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

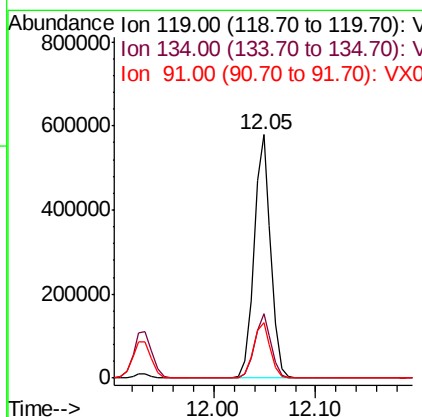
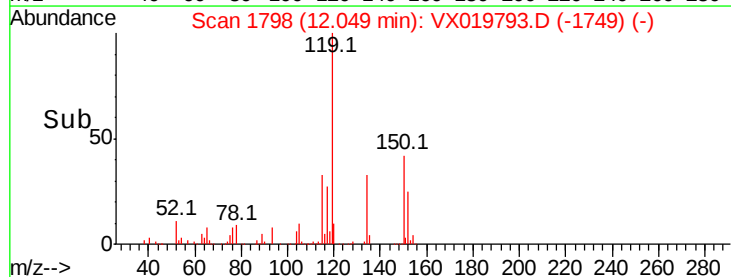
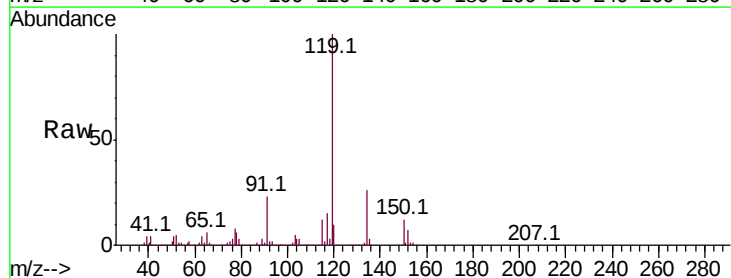
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

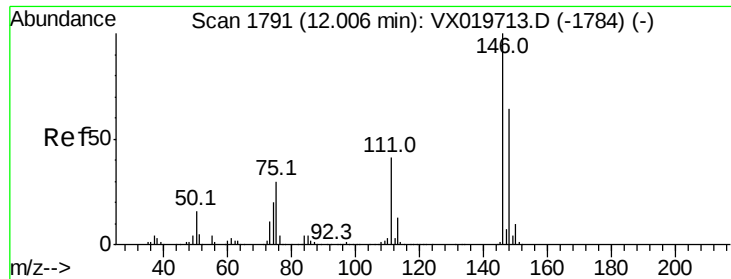
Tot Ion:105 Resp: 725779
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 52.429 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Tgt Ion:119 Resp: 659938
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 23.4 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 50.001 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

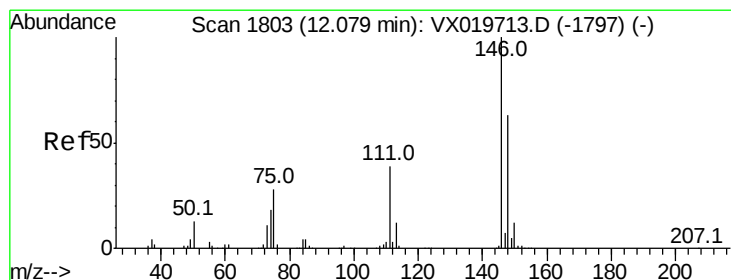
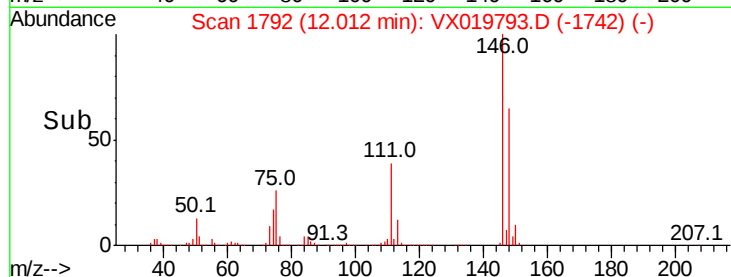
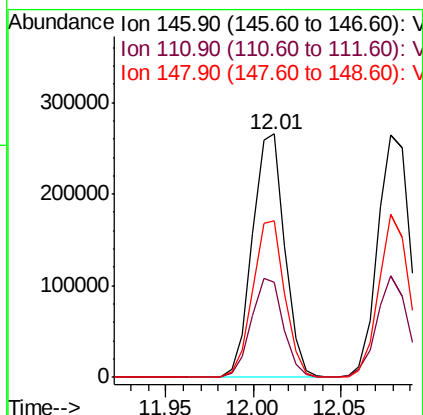
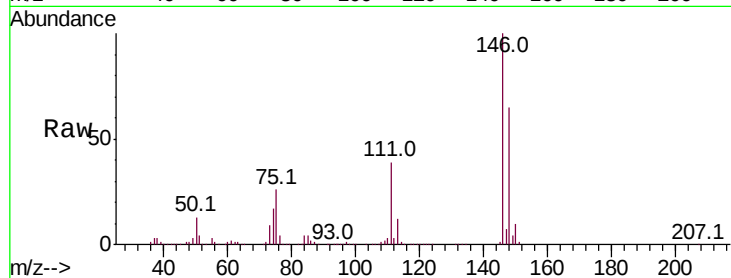
Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 341313

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.5
148	64.0	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 48.722 ug/l

RT: 12.08 min Scan# 1803

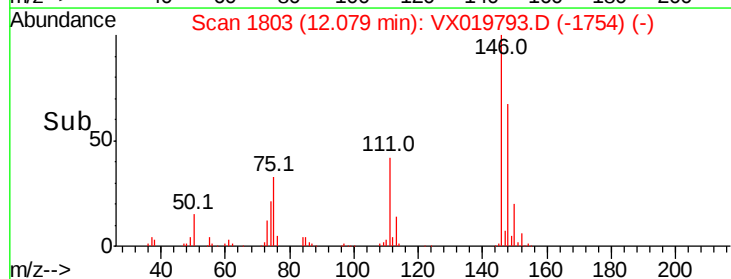
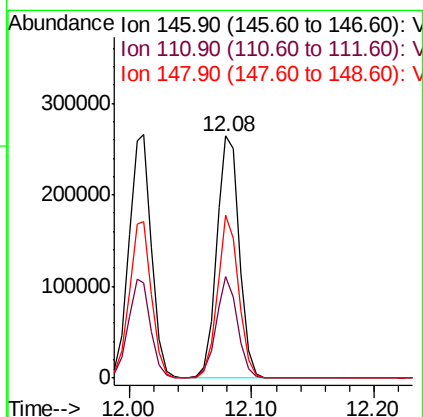
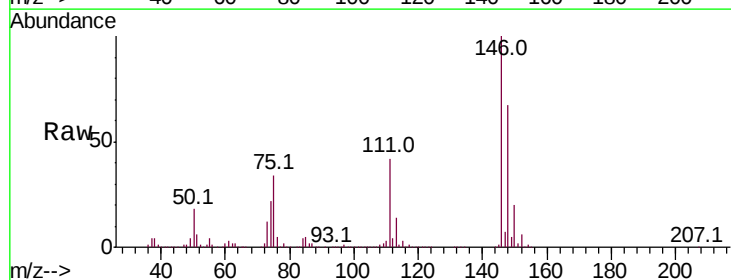
Delta R.T. -0.00 min

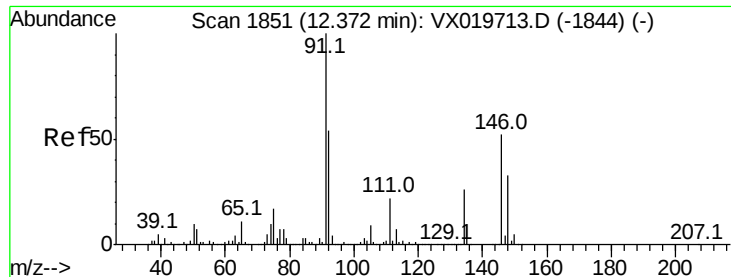
Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Tgt Ion:146 Resp: 338744

Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.8
148	63.7	31.6	95.0

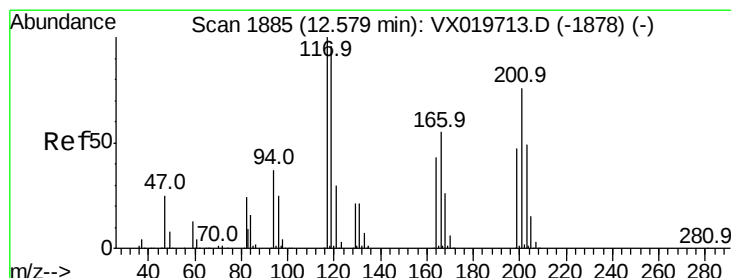
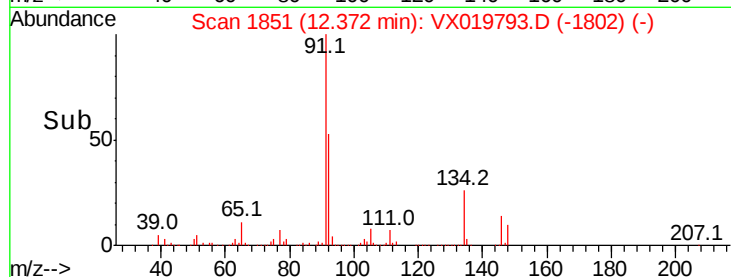
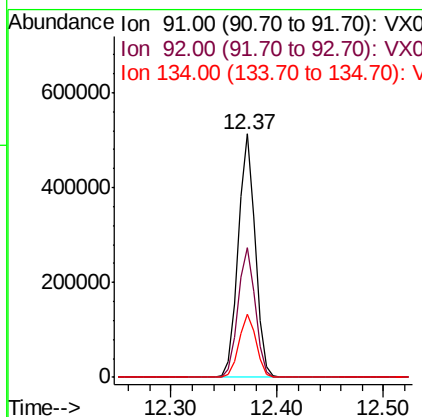
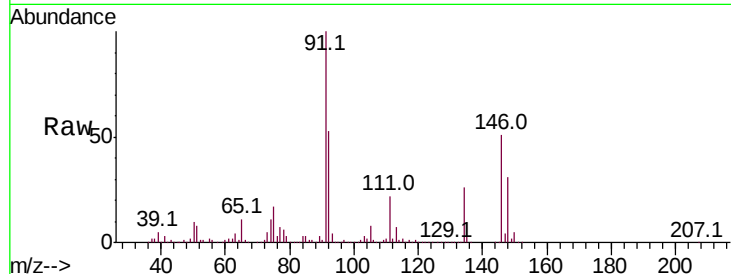




#89
n-Butylbenzene
Concen: 51.650 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

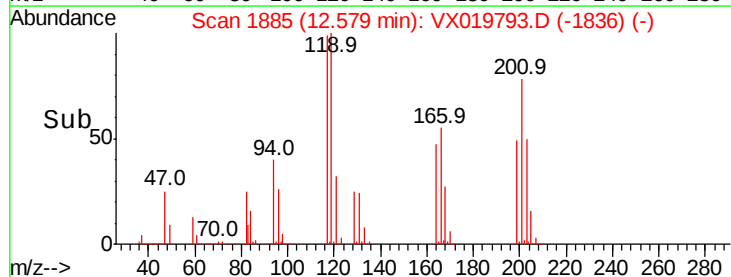
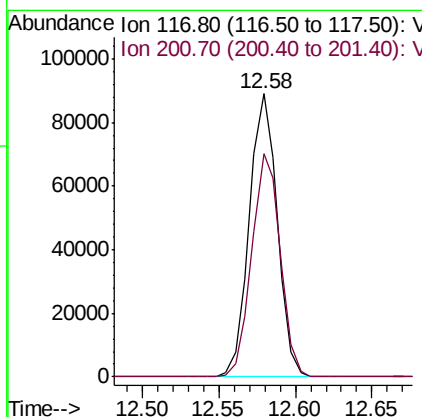
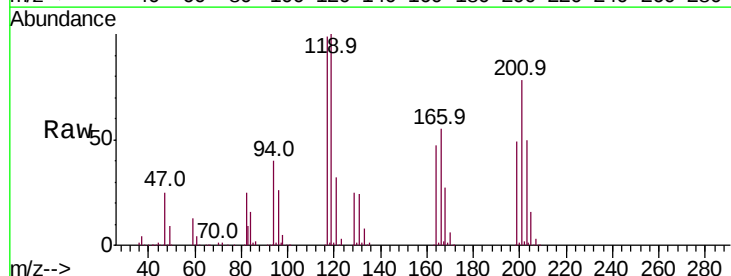
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

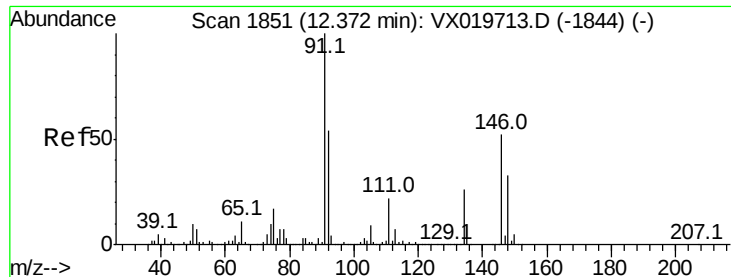
Tot Ion: 91 Resp: 575993
Ion Ratio Lower Upper
91 100
92 53.9 27.4 82.0
134 26.0 13.2 39.5



#90
Hexachloroethane
Concen: 51.961 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019793.D
Acq: 09 Dec 2020 20:50

Tgt Ion: 117 Resp: 112919
Ion Ratio Lower Upper
117 100
201 80.5 40.4 121.2

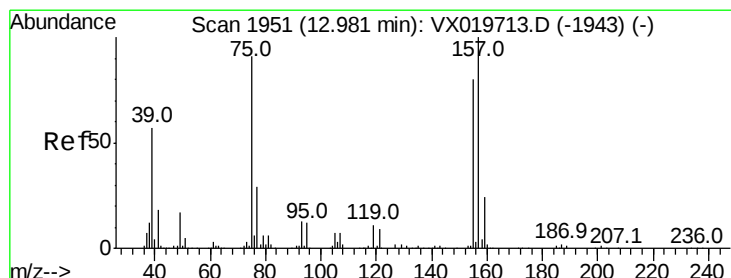
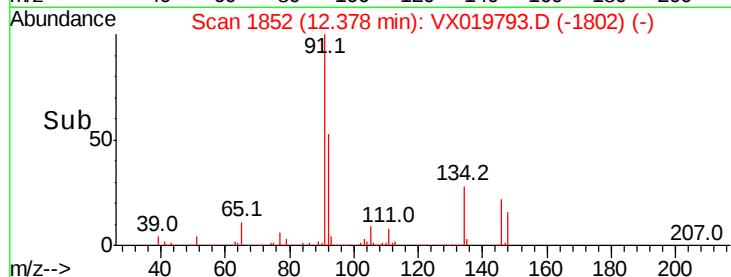
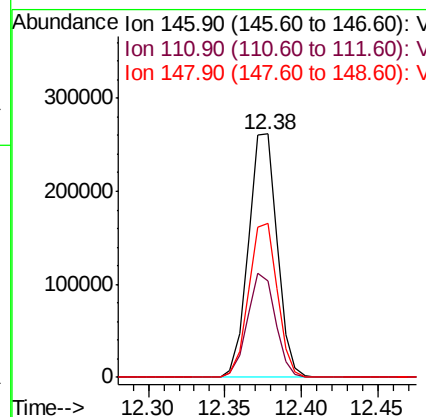
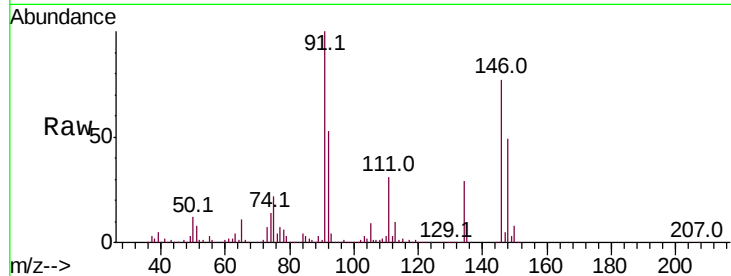




#91
 1,2-Dichlorobenzene
 Concen: 51.239 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

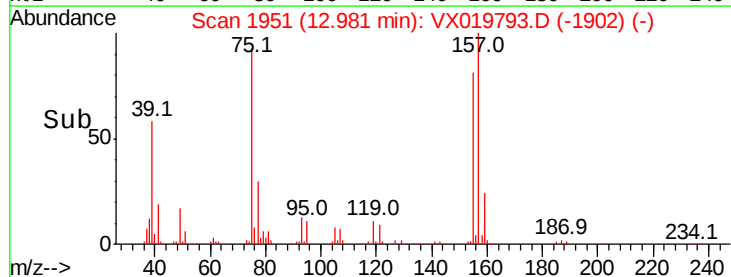
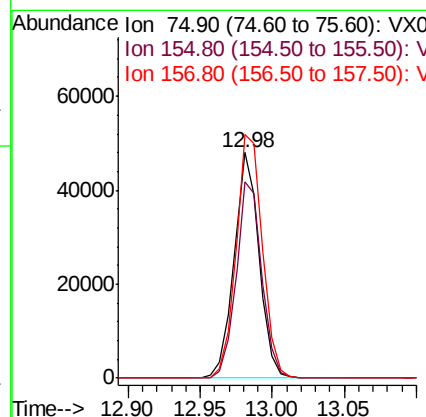
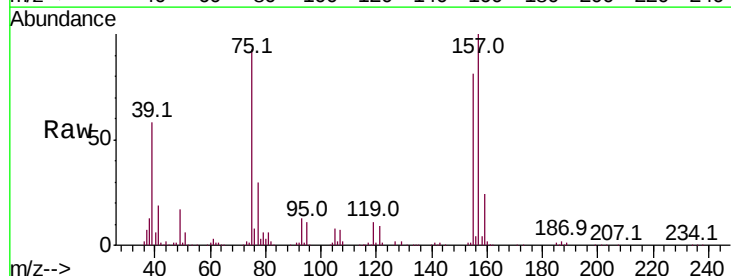
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

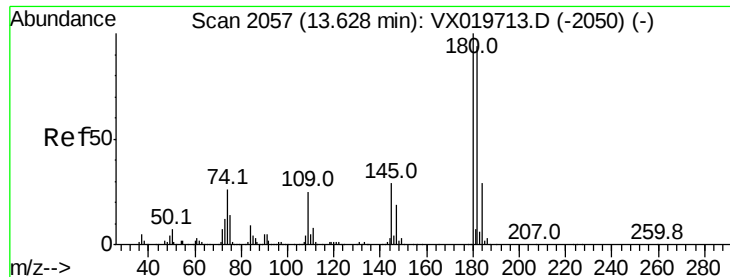
Tot Ion:146 Resp: 340960
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.8 62.2
 148 63.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.148 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019793.D
 Acq: 09 Dec 2020 20:50

Tgt Ion: 75 Resp: 58543
 Ion Ratio Lower Upper
 75 100
 155 88.9 45.3 135.9
 157 113.4 57.7 173.1





#93

1,2,4-Trichlorobenzene

Concen: 50.240 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

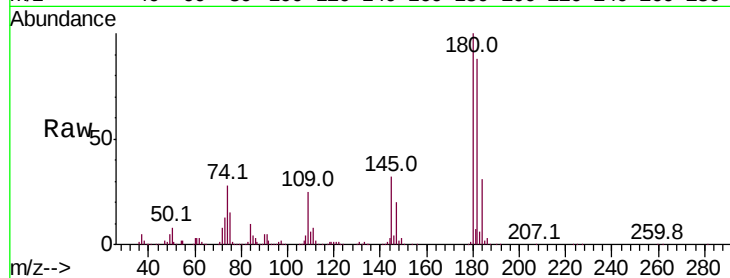
Tot Ion:180 Resp: 217625

Ion Ratio Lower Upper

180 100

182 94.9 47.7 143.1

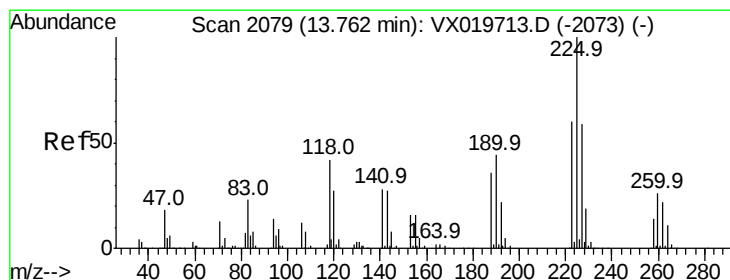
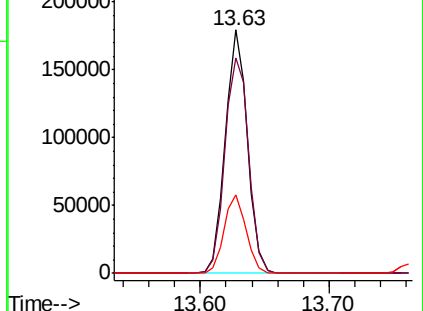
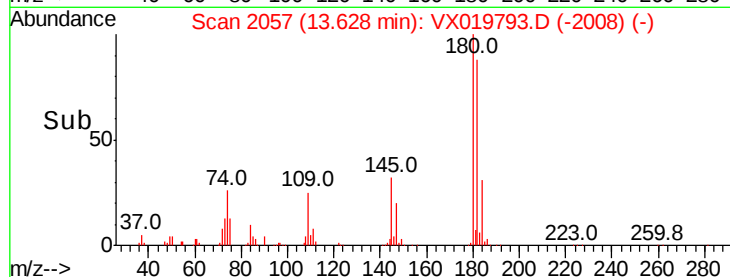
145 32.2 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 48.834 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

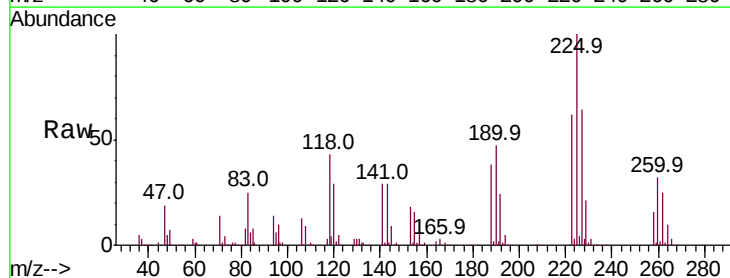
Tgt Ion:225 Resp: 94545

Ion Ratio Lower Upper

225 100

223 64.0 31.1 93.2

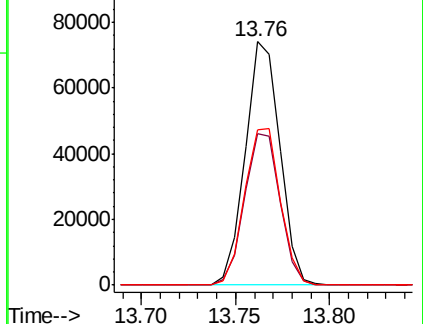
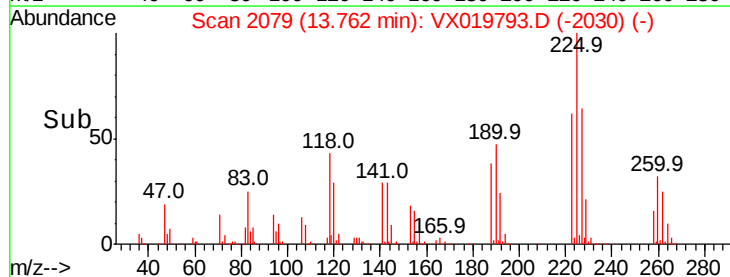
227 66.3 31.6 95.0

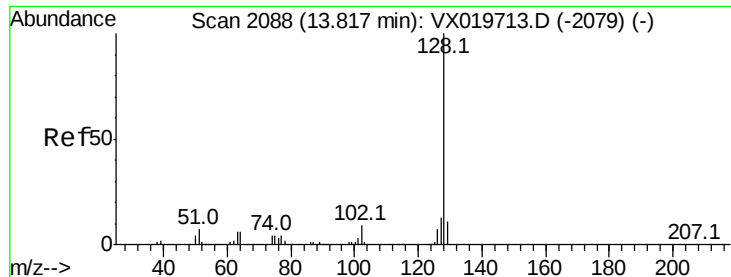


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 54.660 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

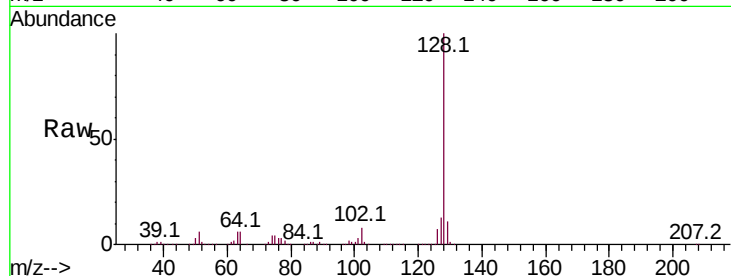
Tot Ion:128 Resp: 767609

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

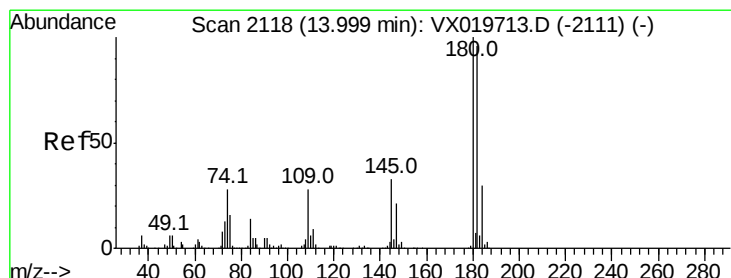
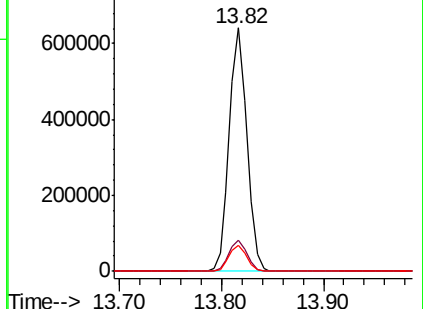
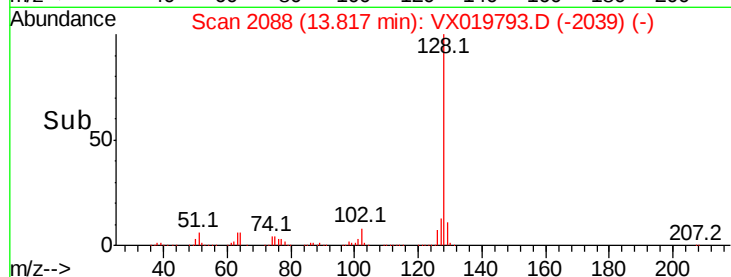
129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.549 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019793.D

Acq: 09 Dec 2020 20:50

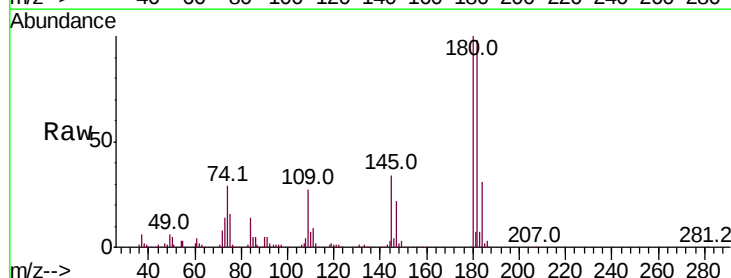
Tgt Ion:180 Resp: 222457

Ion Ratio Lower Upper

180 100

182 95.8 47.6 142.9

145 32.5 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

