

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
 Data File : VX019154.D
 Acq On : 27 Oct 2020 22:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 28 02:31:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	266101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	457640	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209713	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	175425	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
35) Dibromofluoromethane	5.46	113	142044	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.70	98	536800	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.12	95	202709	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	119830	54.017	ug/l	100
3) Chloromethane	1.31	50	133056	53.687	ug/l	98
4) Vinyl Chloride	1.39	62	161212	56.089	ug/l	99
5) Bromomethane	1.64	94	111148	56.625	ug/l	98
6) Chloroethane	1.71	64	105478	57.477	ug/l	99
7) Trichlorofluoromethane	1.92	101	256678	56.844	ug/l	99
8) Diethyl Ether	2.17	74	101294	58.451	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	135990	54.334	ug/l	99
10) Methyl Iodide	2.49	142	138274	47.213	ug/l	99
11) Tert butyl alcohol	3.03	59	186995	275.881	ug/l	99
12) 1,1-Dichloroethene	2.35	96	139470	54.077	ug/l	99
13) Acrolein	2.28	56	56500	187.874	ug/l	100
14) Allyl chloride	2.71	41	217767	55.746	ug/l	99
15) Acrylonitrile	3.12	53	410544	288.238	ug/l	100
16) Acetone	2.42	43	330821	279.438	ug/l	99
17) Carbon Disulfide	2.55	76	387154	52.622	ug/l	100
18) Methyl Acetate	2.75	43	165125	57.358	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	512872	57.392	ug/l	99
20) Methylene Chloride	2.84	84	162840	54.788	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	161159	54.294	ug/l	99
22) Diisopropyl ether	3.82	45	457193	58.706	ug/l	99
23) Vinyl Acetate	3.78	43	2051058	295.331	ug/l	100
24) 1,1-Dichloroethane	3.67	63	280075	57.599	ug/l	100
25) 2-Butanone	4.63	43	542617	290.823	ug/l	99
26) 2,2-Dichloropropane	4.55	77	227598	49.790	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	185747	56.000	ug/l	99
28) Bromochloromethane	4.98	49	116951	52.906	ug/l	98
29) Tetrahydrofuran	5.09	42	351184	298.673	ug/l	100
30) Chloroform	5.18	83	298512	57.676	ug/l	99
31) Cyclohexane	5.55	56	239996	55.325	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	270139	57.569	ug/l	99
36) 1,1-Dichloropropene	5.77	75	221505	52.415	ug/l	99
37) Ethyl Acetate	4.79	43	217988	55.557	ug/l	99
38) Carbon Tetrachloride	5.76	117	230732	53.565	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	259998	51.454	ug/l	99
40) Benzene	6.11	78	655416	54.700	ug/l	98
41) Methacrylonitrile	5.00	41	116982	55.362	ug/l	99
42) 1,2-Dichloroethane	6.16	62	241375	54.660	ug/l	100
43) Isopropyl Acetate	6.41	43	361693	55.053	ug/l	100
44) Trichloroethene	7.19	130	178952	52.149	ug/l	99
45) 1,2-Dichloropropane	7.49	63	163468	55.700	ug/l	98
46) Dibromomethane	7.63	93	116172	53.531	ug/l	100
47) Bromodichloromethane	7.88	83	239292	55.941	ug/l	99
48) Methyl methacrylate	7.74	41	178599	56.480	ug/l	99
49) 1,4-Dioxane	7.73	88	78497	1116.231	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1089522	288.533	ug/l	100
52) Toluene	8.76	92	419408	54.348	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	261915	53.608	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	277510	54.015	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	168445	55.244	ug/l	98
56) Ethyl methacrylate	9.16	69	262997	57.104	ug/l	99
57) 1,3-Dichloropropane	9.35	76	283085	55.066	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	645932	250.777	ug/l	99
59) 2-Hexanone	9.48	43	814575	283.391	ug/l	100
60) Dibromochloromethane	9.57	129	187326	56.609	ug/l	99
61) 1,2-Dibromoethane	9.65	107	181130	55.551	ug/l	99
64) Tetrachloroethene	9.32	164	161770	50.453	ug/l	99
65) Chlorobenzene	10.12	112	443690	51.583	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	165323	53.389	ug/l	99
67) Ethyl Benzene	10.24	91	799280	52.148	ug/l	98
68) m/p-Xylenes	10.34	106	606531	105.437	ug/l	99
69) o-Xylene	10.68	106	288926	52.953	ug/l	100
70) Styrene	10.69	104	493379	52.996	ug/l	99
71) Bromoform	10.84	173	131958	53.747	ug/l	98
73) Isopropylbenzene	11.00	105	778128	52.418	ug/l	99
74) N-amyl acetate	10.88	43	300936	55.445	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	252790	54.489	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	294601	68.035	ug/l	86
77) Bromobenzene	11.24	156	188638	51.202	ug/l	96
78) n-propylbenzene	11.34	91	875958	51.692	ug/l	99
79) 2-Chlorotoluene	11.40	91	523249	52.448	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	661234	52.727	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	81554	49.590	ug/l	98
82) 4-Chlorotoluene	11.49	91	617652	50.699	ug/l	99
83) tert-Butylbenzene	11.76	119	638678	53.190	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	659480	52.090	ug/l	99
85) sec-Butylbenzene	11.93	105	755374	52.451	ug/l	100
86) p-Isopropyltoluene	12.05	119	685101	51.540	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	342950	49.985	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	345697	48.404	ug/l	99
89) n-Butylbenzene	12.37	91	626833	50.168	ug/l	99
90) Hexachloroethane	12.58	117	120182	53.192	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	339501	51.532	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59491	52.382	ug/l	98

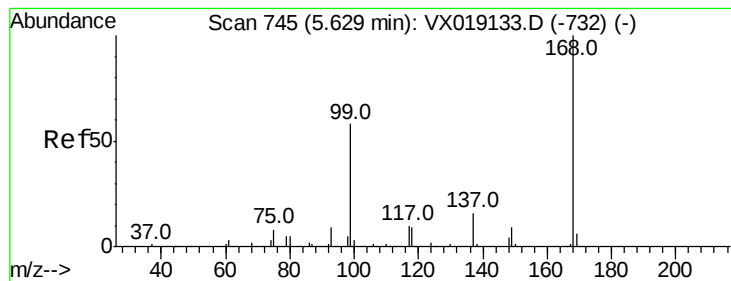
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
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QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	231318	46.744	ug/l	98
94) Hexachlorobutadiene	13.76	225	98578	45.253	ug/l	97
95) Naphthalene	13.82	128	802770	51.507	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	228746	47.648	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. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

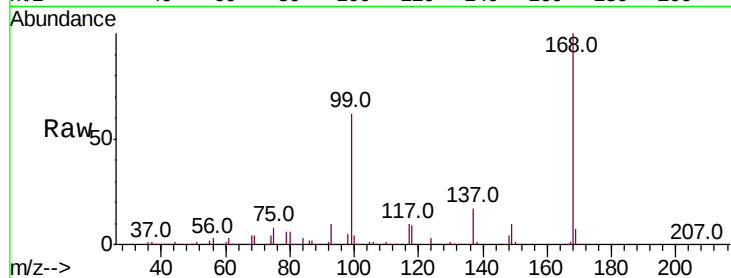
VSTDCCC050EC

Tot Ion:168 Resp: 266101

Ion Ratio Lower Upper

168 100

99 61.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

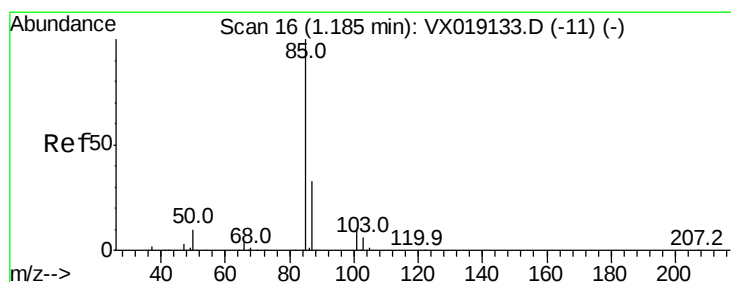
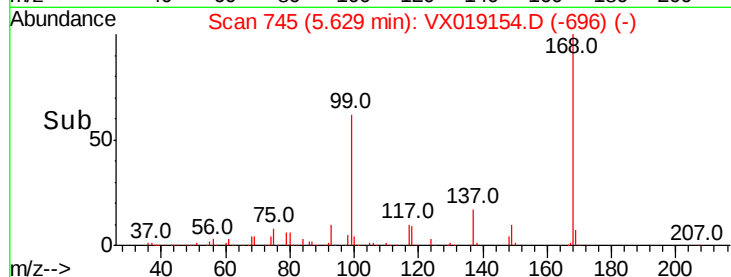
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.017 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019154.D

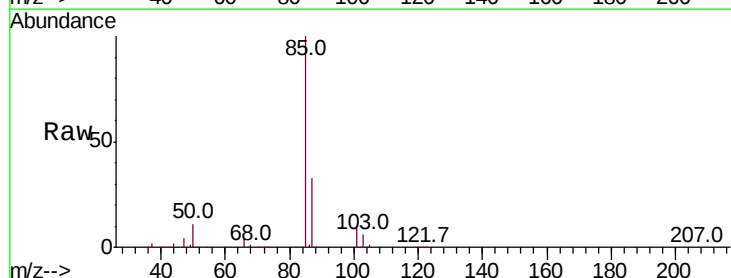
Acq: 27 Oct 2020 22:02

Tgt Ion: 85 Resp: 119830

Ion Ratio Lower Upper

85 100

87 33.3 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

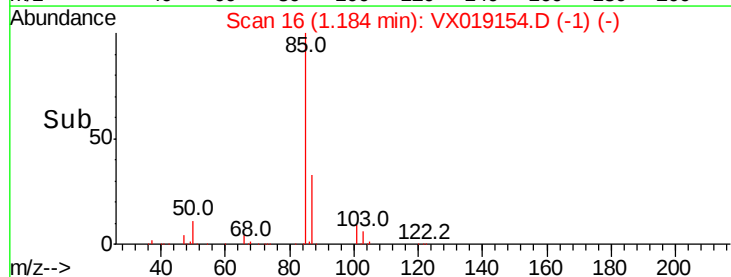
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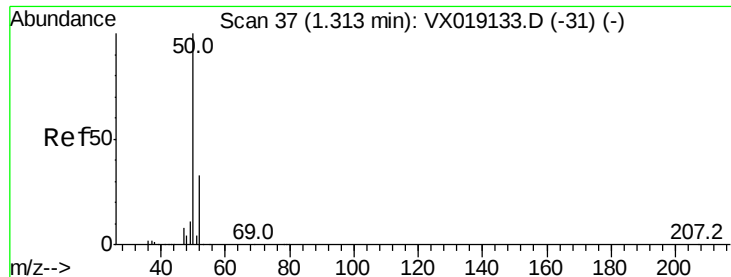
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50000

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Time-->

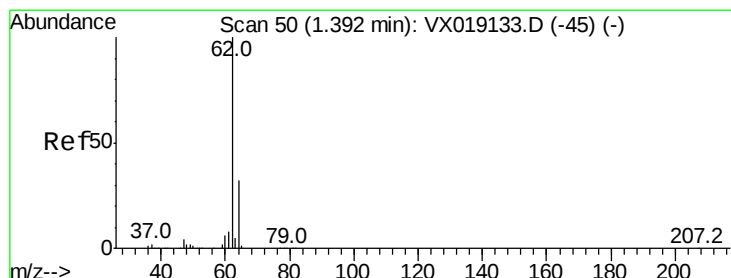
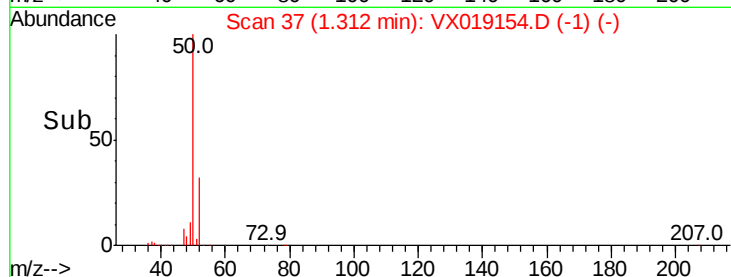
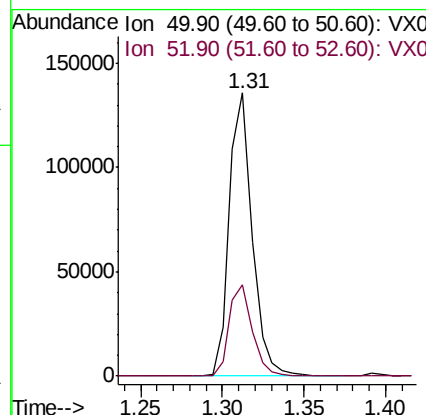
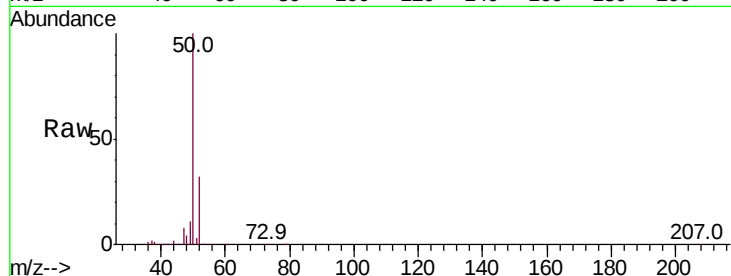




#3
Chloromethane
Concen: 53.687 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

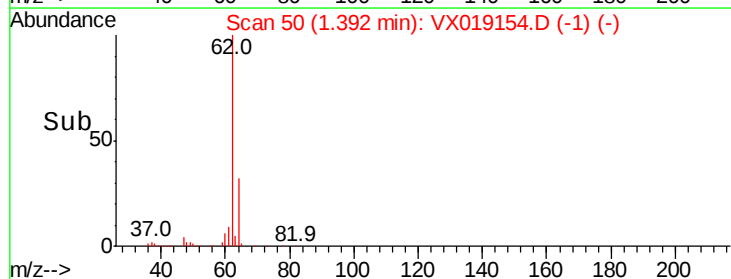
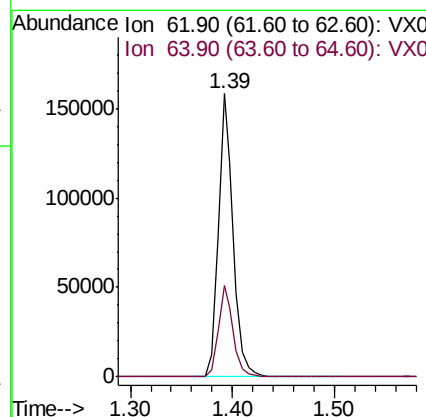
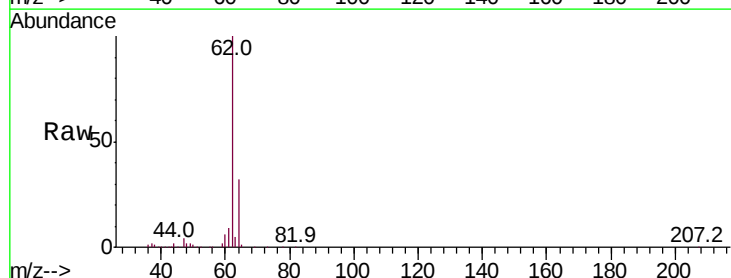
Instrument :
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ClientSampleId :
VSTDCCC050EC

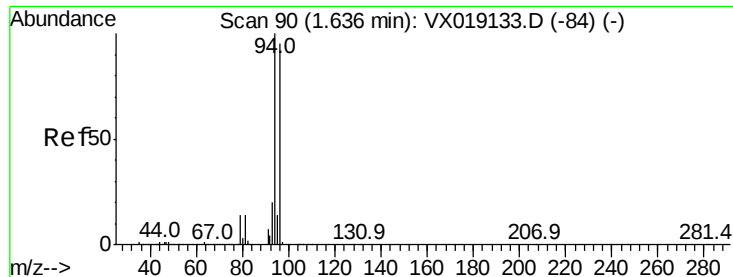
Tot Ion: 50 Resp: 133056
Ion Ratio Lower Upper
50 100
52 32.4 26.8 40.2



#4
Vinyl Chloride
Concen: 56.089 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion: 62 Resp: 161212
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5

Bromomethane

Concen: 56.625 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

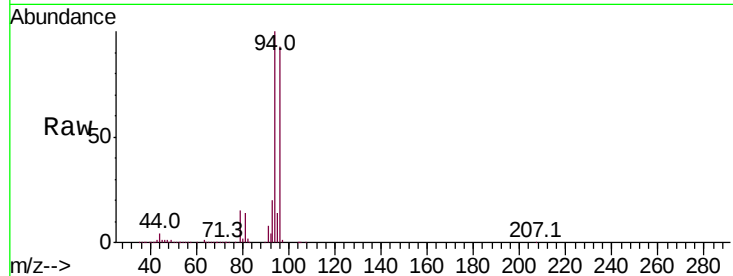
VSTDCCC050EC

Tot Ion: 94 Resp: 111148

Ion Ratio Lower Upper

94 100

96 93.0 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

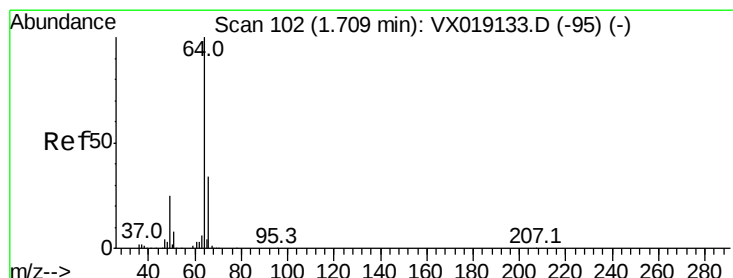
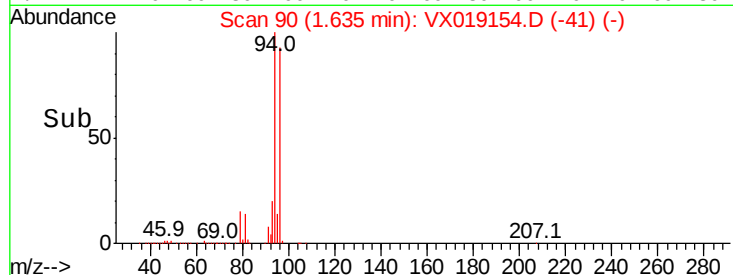
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 57.477 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019154.D

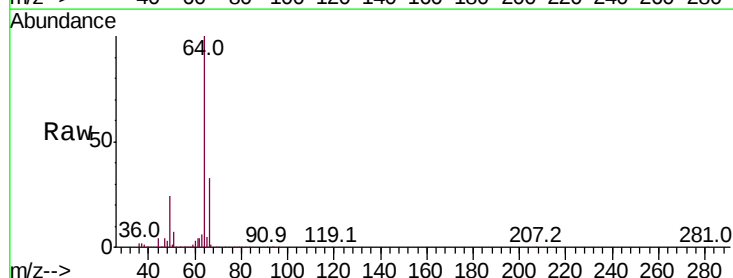
Acq: 27 Oct 2020 22:02

Tgt Ion: 64 Resp: 105478

Ion Ratio Lower Upper

64 100

66 33.1 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

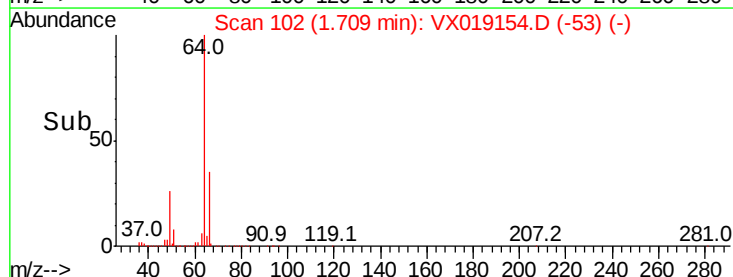
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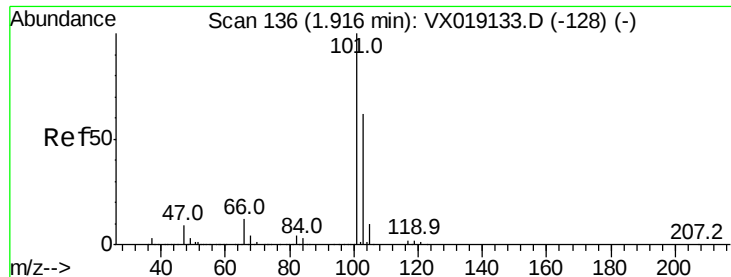
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Time-->



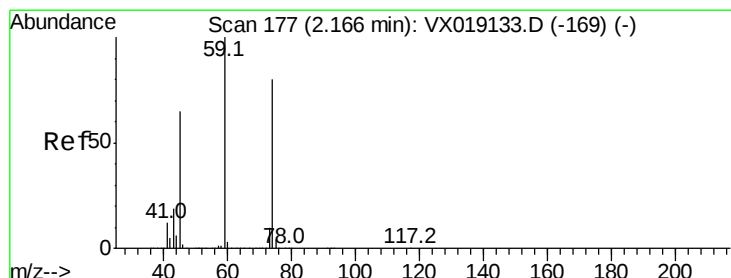
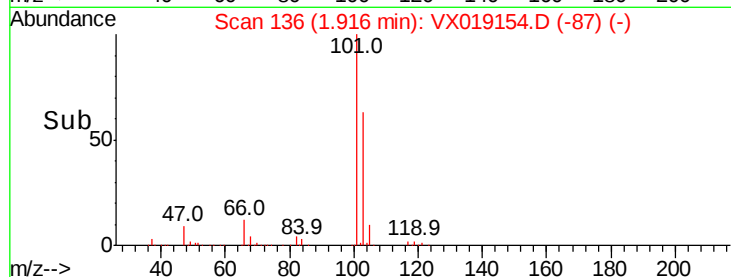
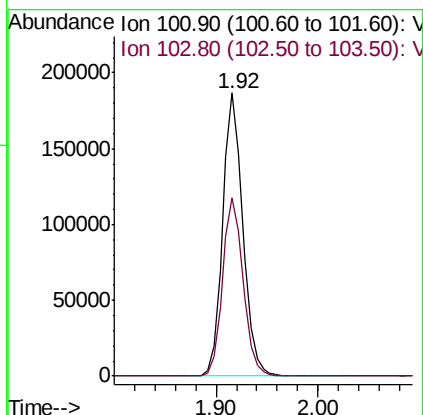
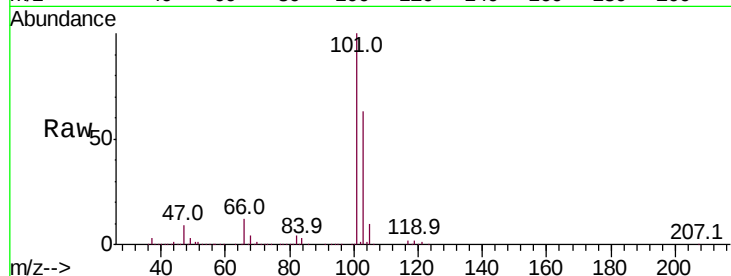


#7

Trichlorofluoromethane
Concen: 56.844 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
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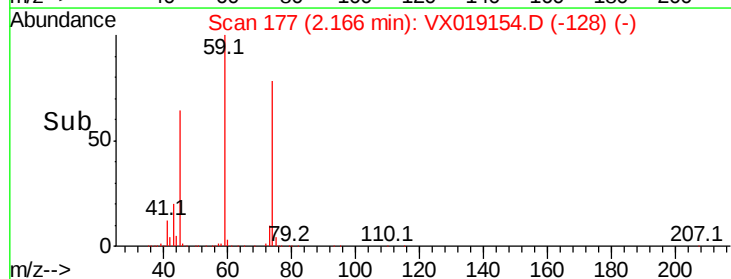
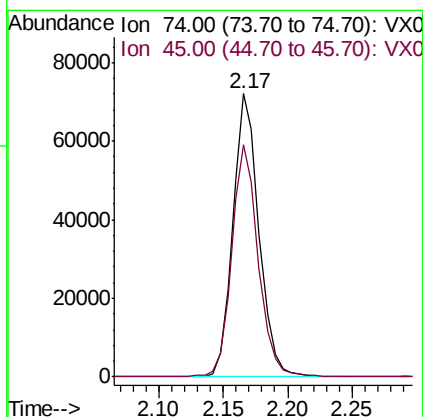
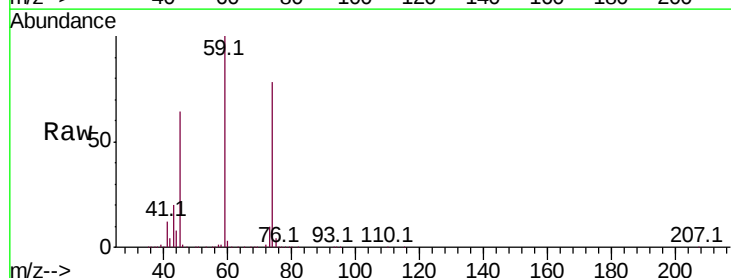
Tot Ion:101 Resp: 256678
Ion Ratio Lower Upper
101 100
103 63.2 50.0 75.0

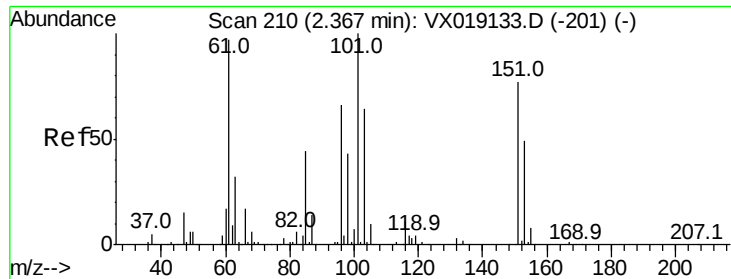


#8

Diethyl Ether
Concen: 58.451 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion: 74 Resp: 101294
Ion Ratio Lower Upper
74 100
45 82.7 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.334 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

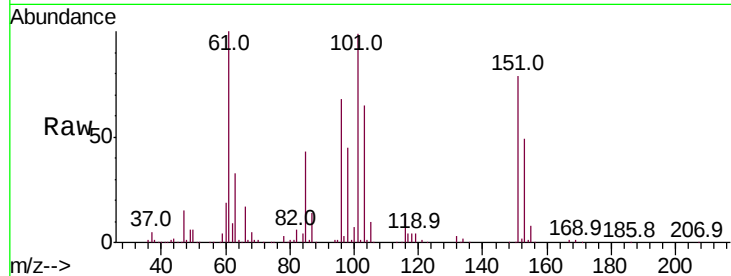
Tot Ion:101 Resp: 135990

Ion Ratio Lower Upper

101 100

85 44.2 35.0 52.4

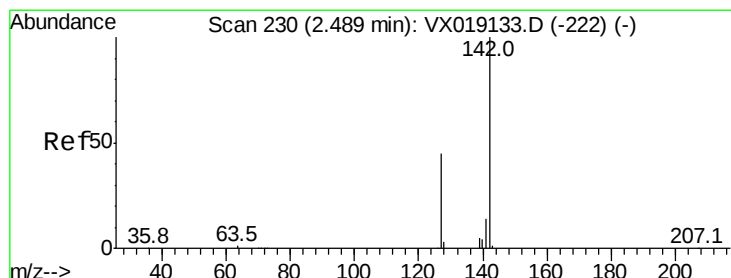
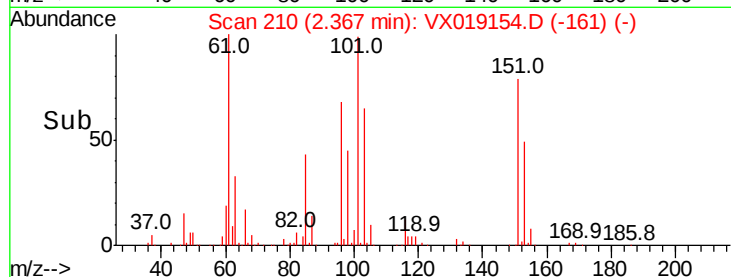
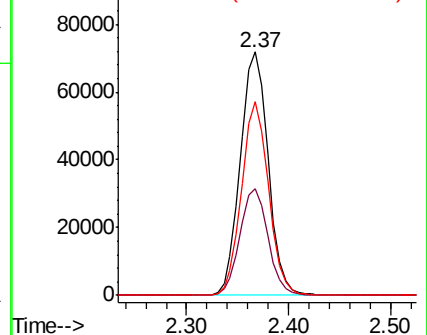
151 77.1 61.4 92.2



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: 47.213 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

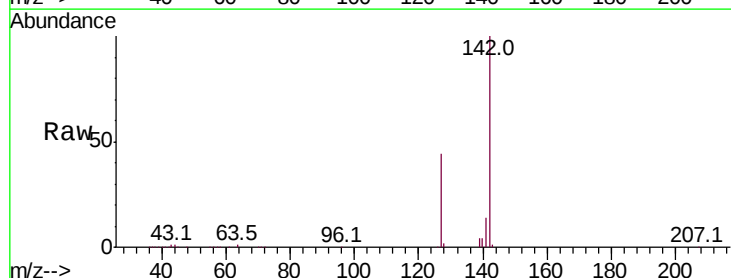
Tgt Ion:142 Resp: 138274

Ion Ratio Lower Upper

142 100

127 44.7 36.1 54.1

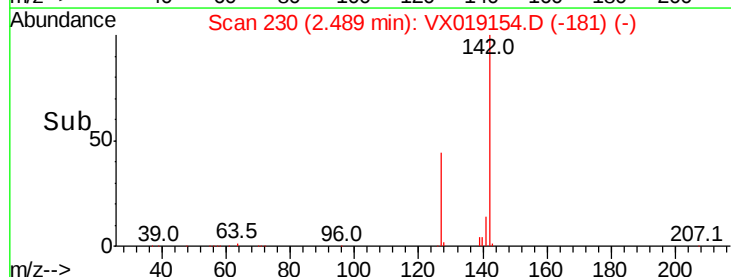
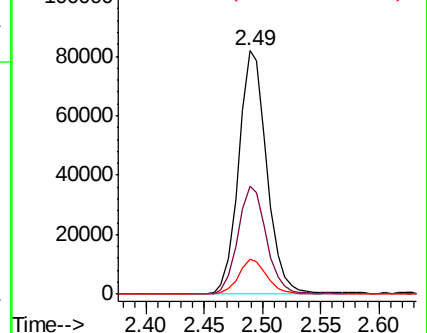
141 14.3 11.3 16.9

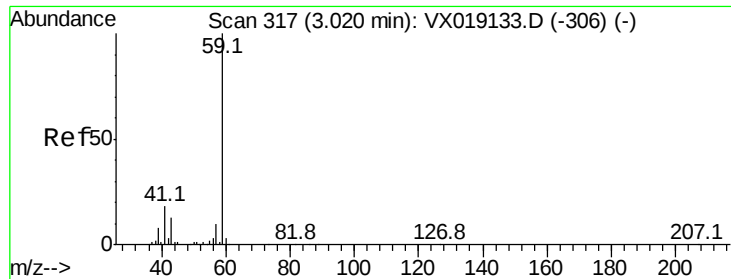


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

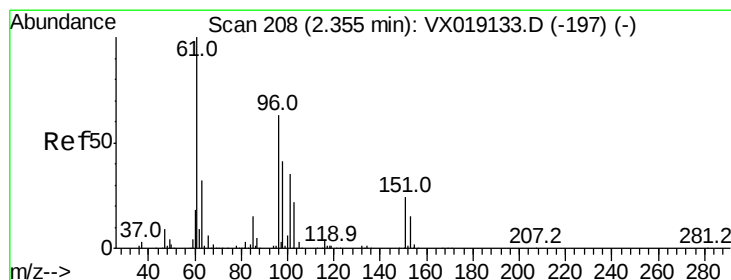
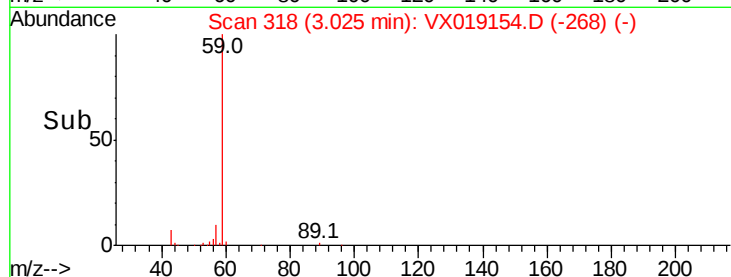
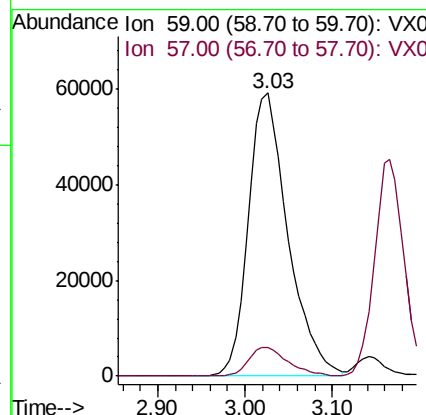
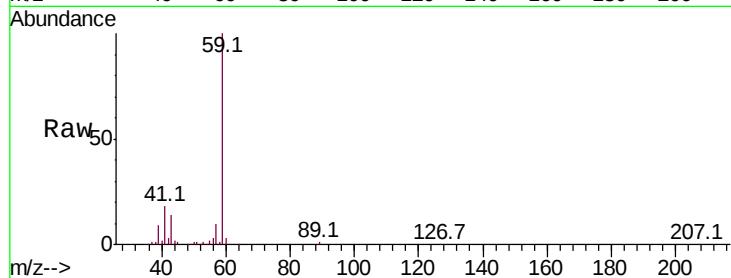




#11
Tert butyl alcohol
Concen: 275.881 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

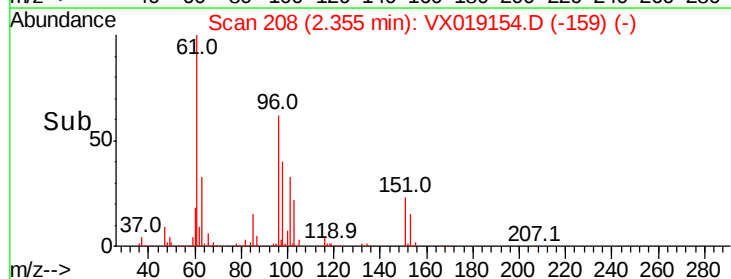
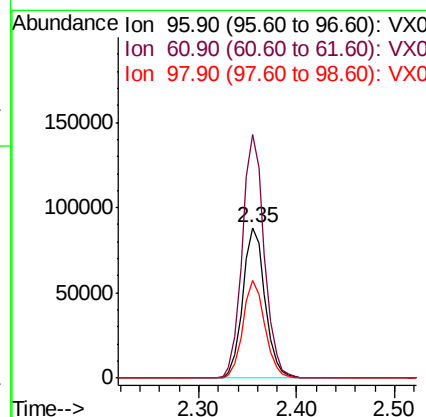
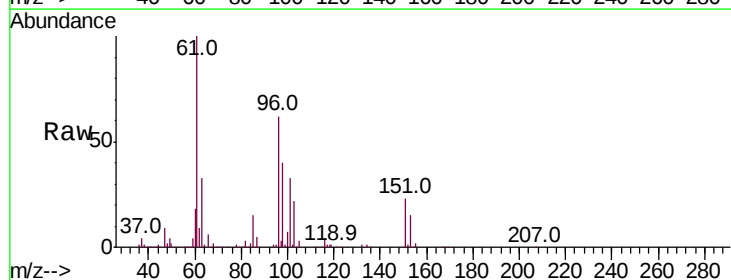
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

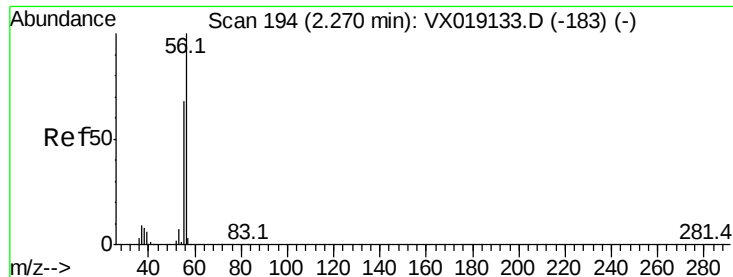
Tot Ion: 59 Resp: 186995
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6



#12
1,1-Dichloroethene
Concen: 54.077 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion: 96 Resp: 139470
Ion Ratio Lower Upper
96 100
61 162.1 127.7 191.5
98 65.0 52.1 78.1





#13

Acrolein

Concen: 187.874 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

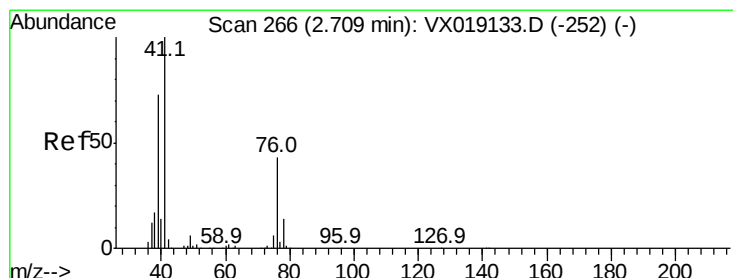
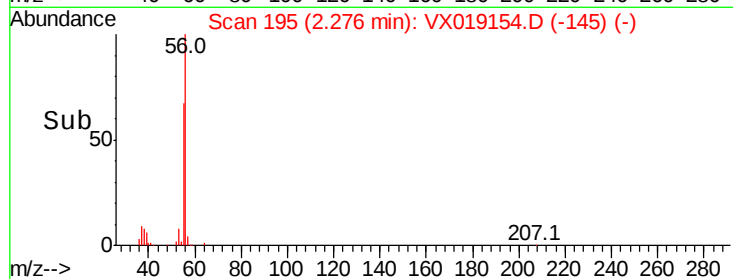
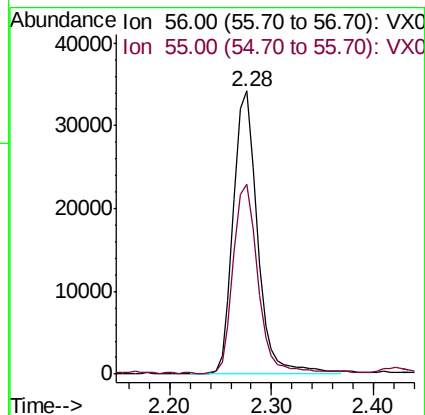
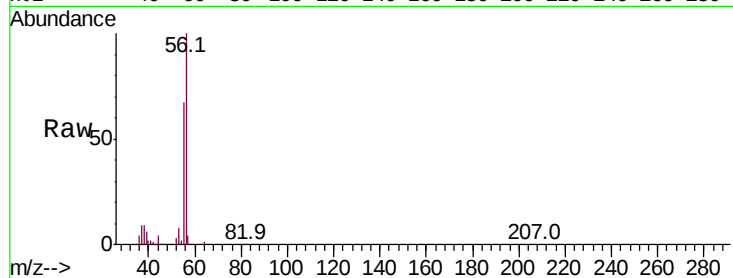
VSTDCCC050EC

Tot Ion: 56 Resp: 56500

Ion Ratio Lower Upper

56 100

55 68.2 54.7 82.1



#14

Allyl chloride

Concen: 55.746 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

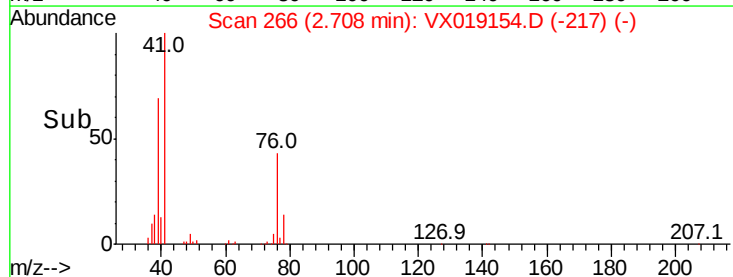
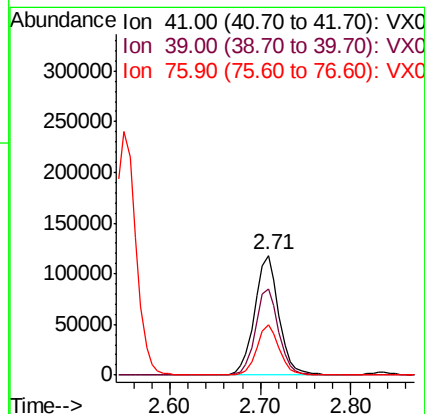
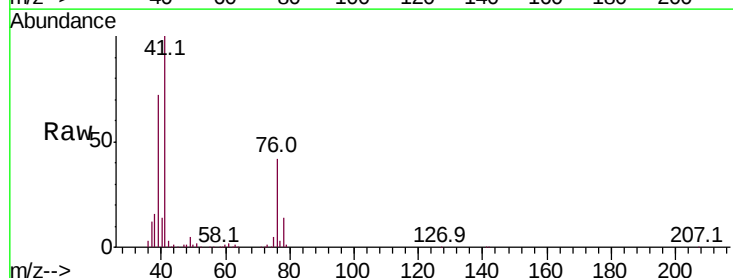
Tgt Ion: 41 Resp: 217767

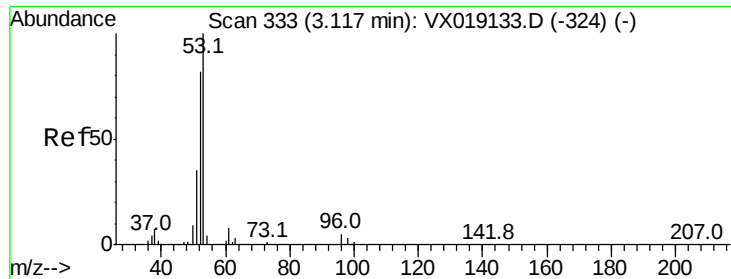
Ion Ratio Lower Upper

41 100

39 68.7 55.2 82.8

76 38.9 31.5 47.3

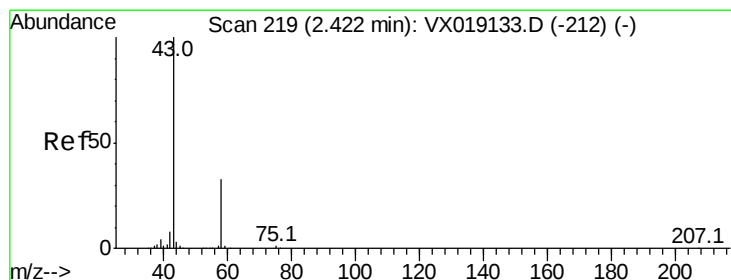
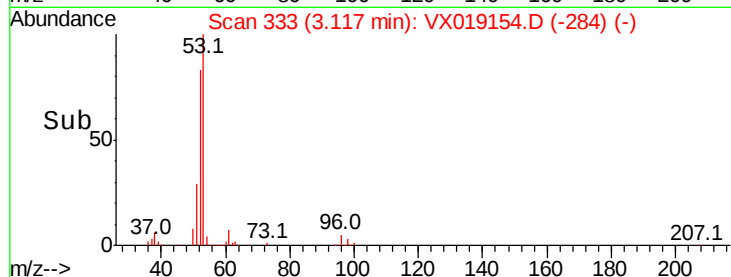
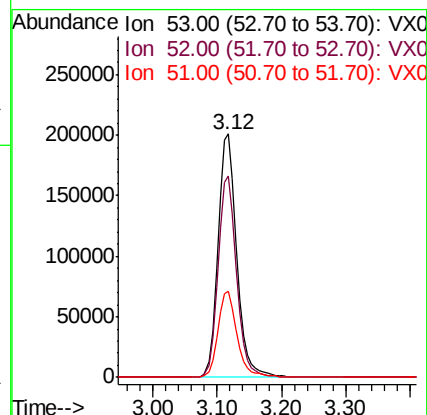
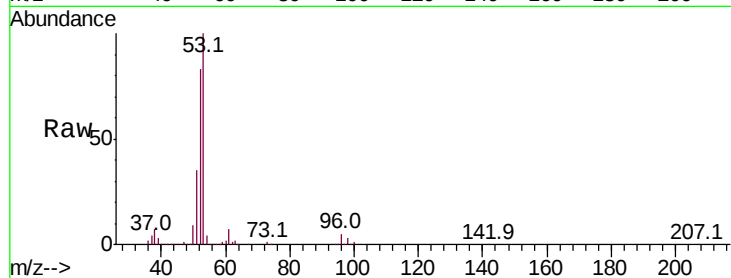




#15
 Acrylonitrile
 Concen: 288.238 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

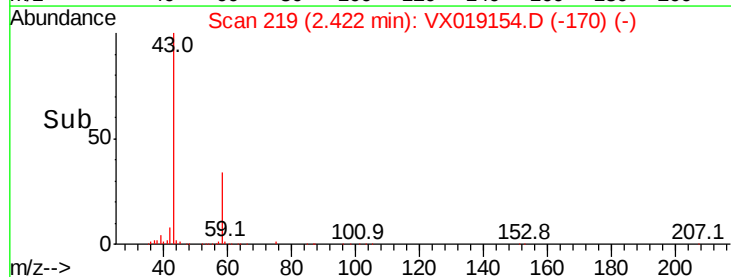
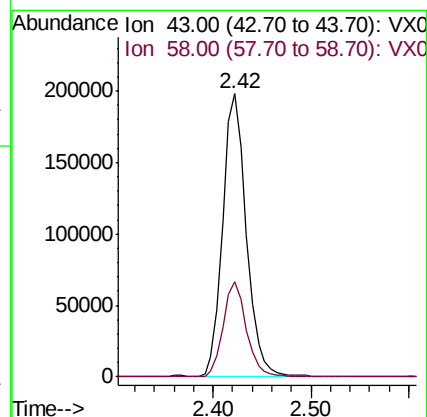
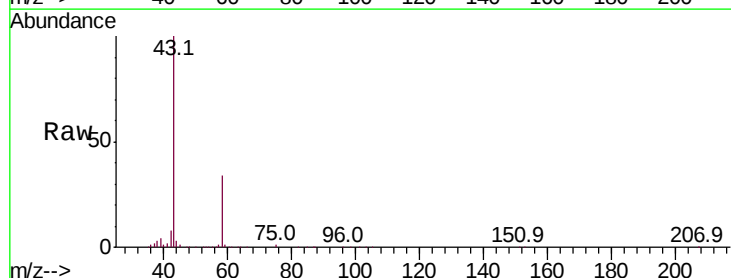
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

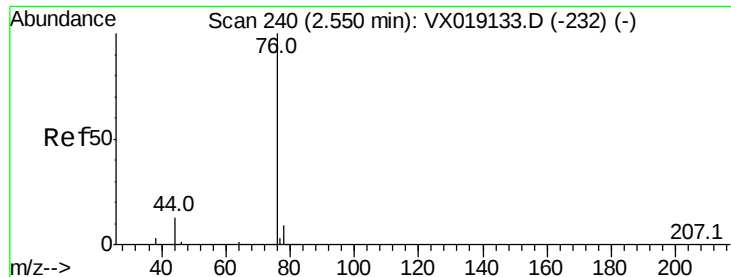
Tot Ion: 53 Resp: 410544
 Ion Ratio Lower Upper
 53 100
 52 82.2 65.7 98.5
 51 36.1 28.4 42.6



#16
 Acetone
 Concen: 279.438 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Tgt Ion: 43 Resp: 330821
 Ion Ratio Lower Upper
 43 100
 58 33.6 26.3 39.5

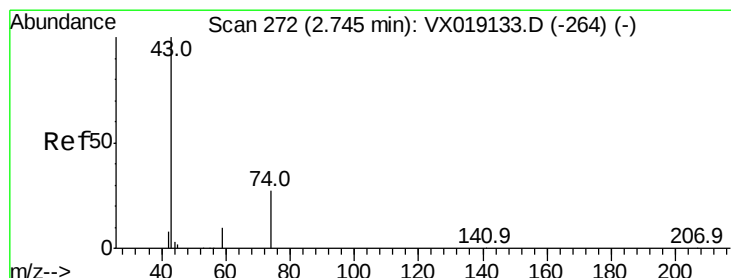
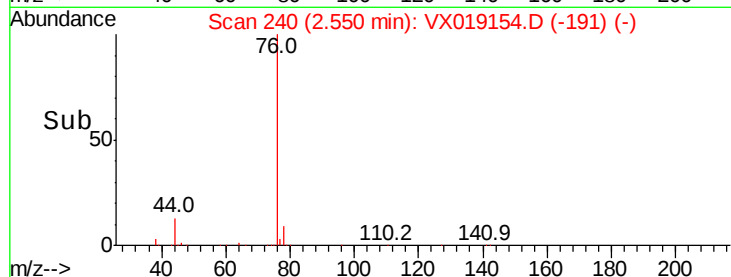
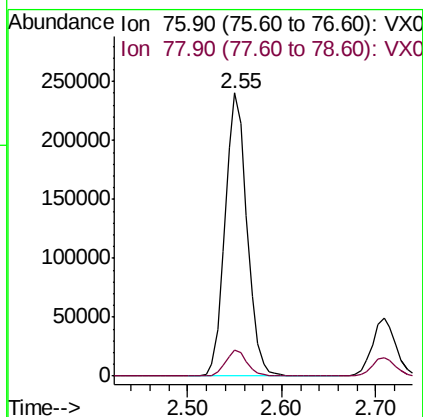
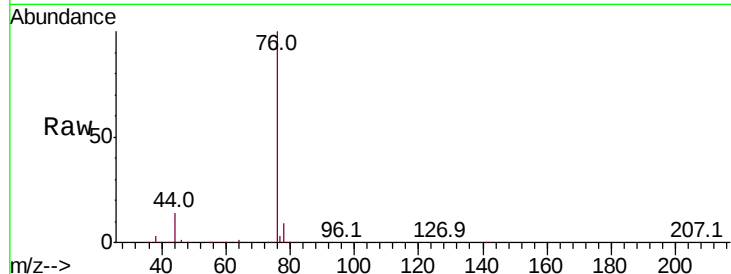




#17
Carbon Disulfide
Concen: 52.622 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

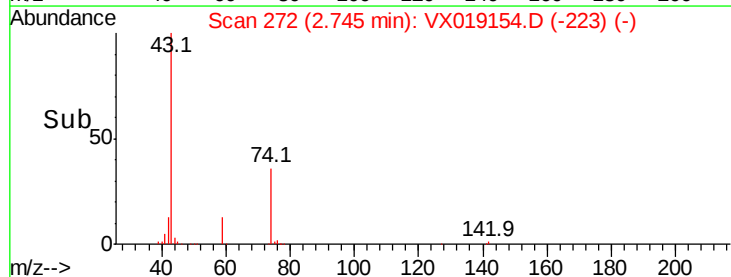
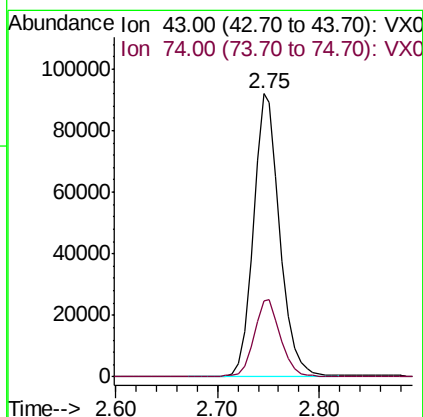
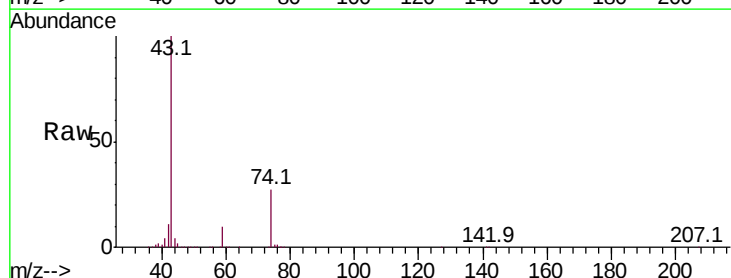
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

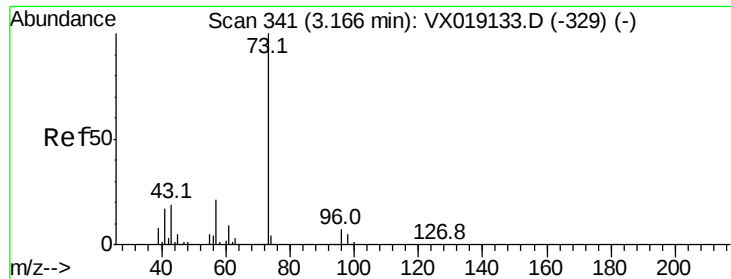
Tot Ion: 76 Resp: 387154
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 57.358 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion: 43 Resp: 165125
Ion Ratio Lower Upper
43 100
74 27.8 22.6 33.8



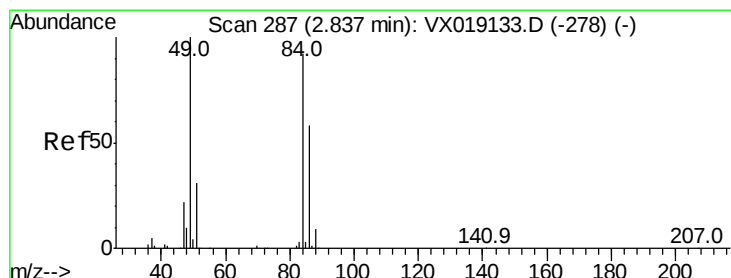
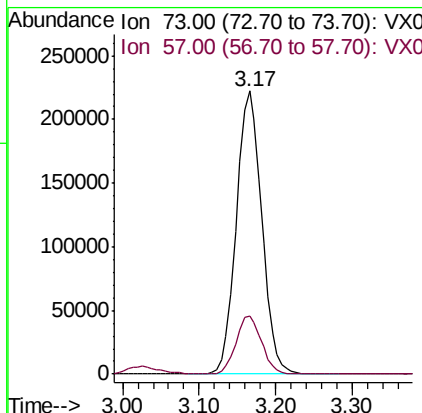
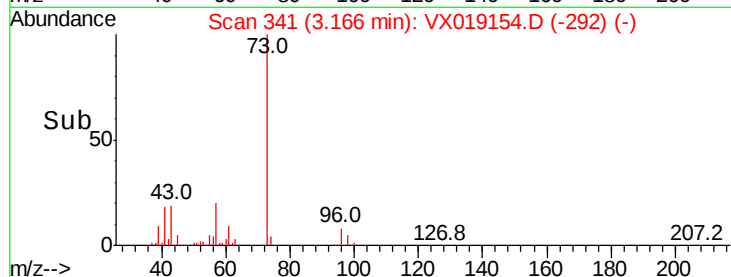
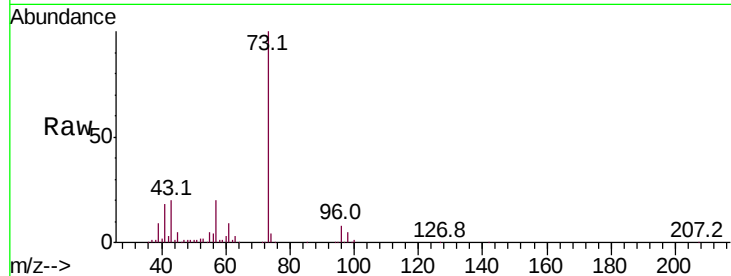


#19

Methyl tert-butyl Ether
 Concen: 57.392 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

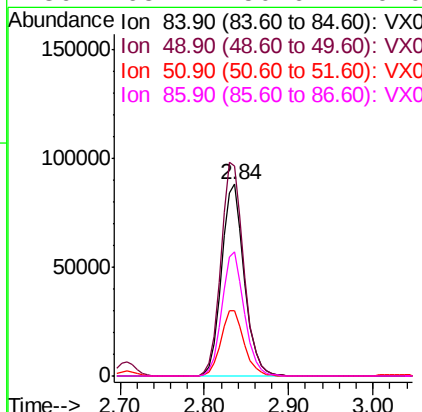
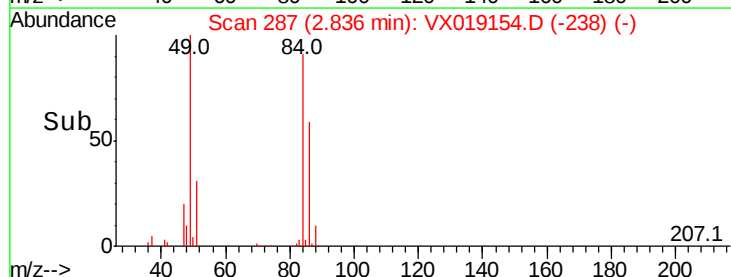
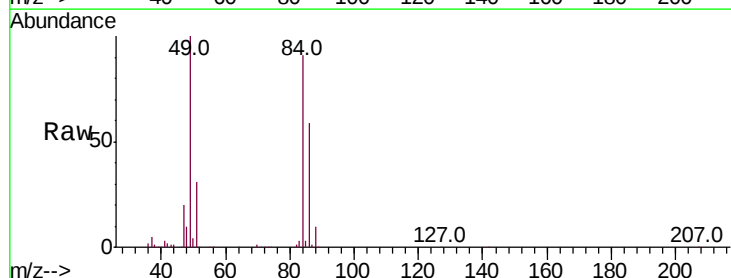
Tot Ion: 73 Resp: 512872
 Ion Ratio Lower Upper
 73 100
 57 20.4 16.6 25.0

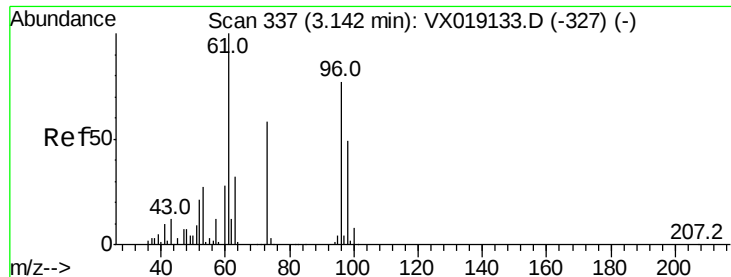


#20

Methylene Chloride
 Concen: 54.788 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Tgt Ion: 84 Resp: 162840
 Ion Ratio Lower Upper
 84 100
 49 109.6 86.8 130.2
 51 33.9 27.3 40.9
 86 65.1 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 54.294 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

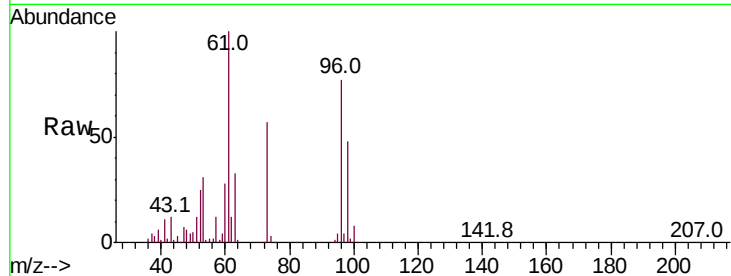
Tot Ion: 96 Resp: 161159

Ion Ratio Lower Upper

96 100

61 129.8 104.2 156.4

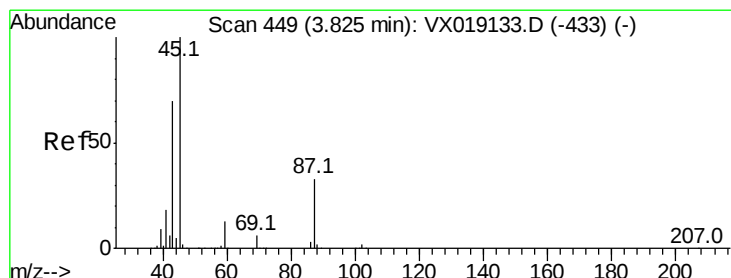
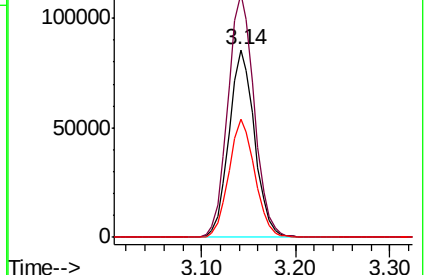
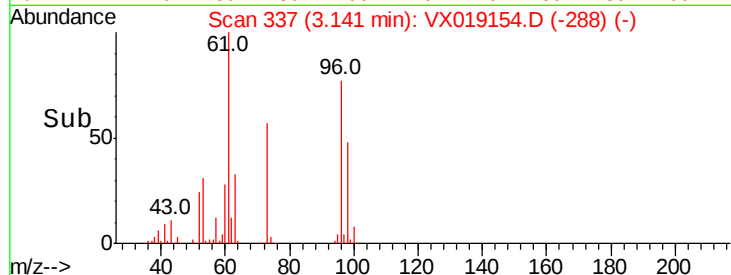
98 63.0 51.3 76.9



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: 58.706 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Tgt Ion: 45 Resp: 457193

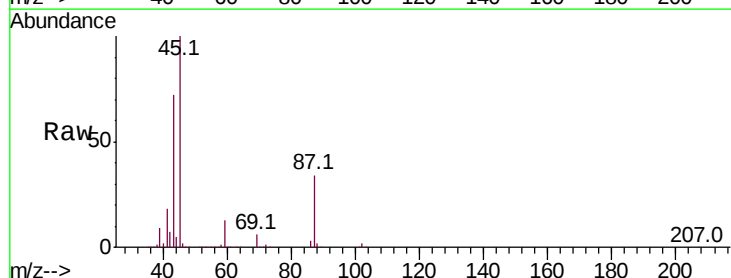
Ion Ratio Lower Upper

45 100

43 71.5 56.2 84.4

87 33.7 26.2 39.2

59 12.8 10.1 15.1

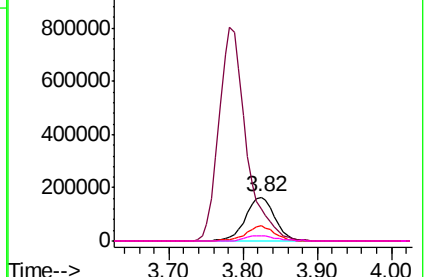
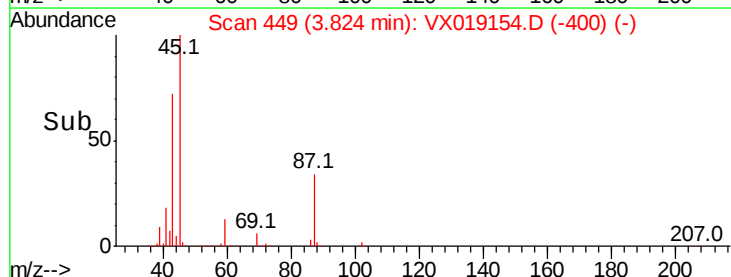


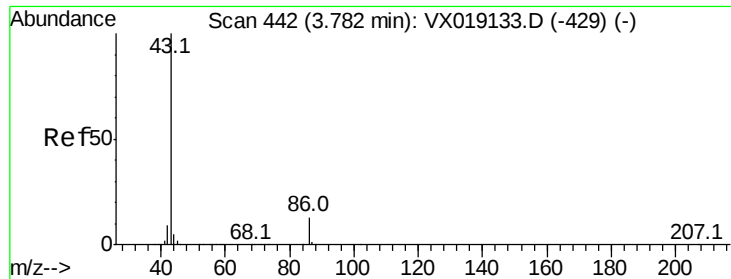
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 295.331 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

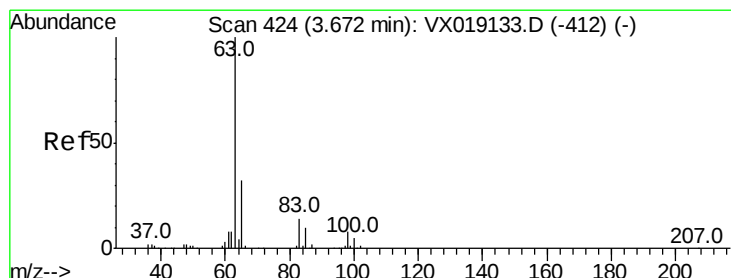
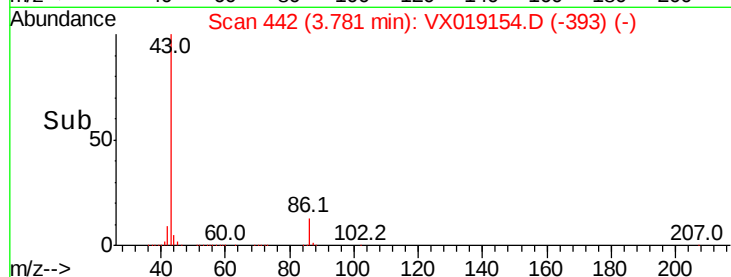
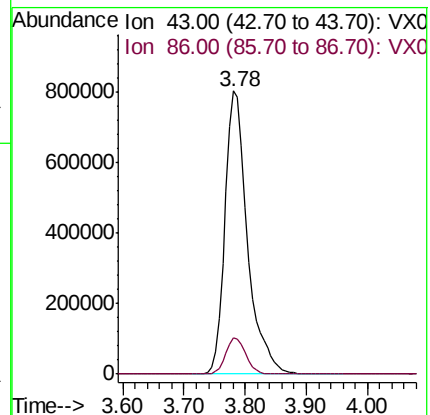
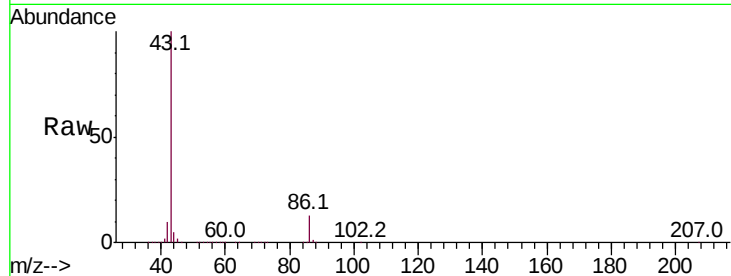
VSTDCCC050EC

Tot Ion: 43 Resp: 2051058

Ion Ratio Lower Upper

43 100

86 12.8 10.4 15.6



#24

1,1-Dichloroethane

Concen: 57.599 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

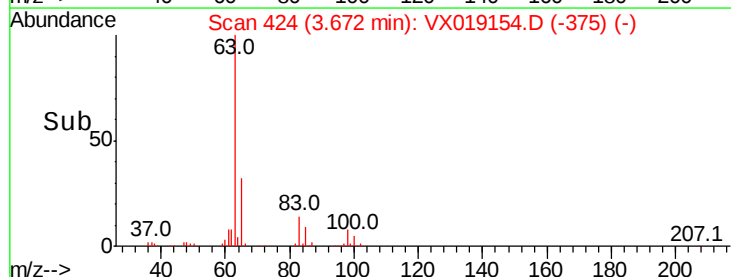
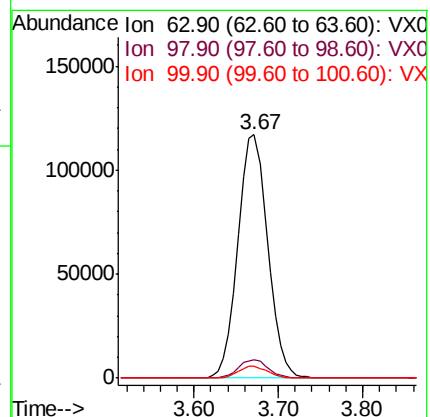
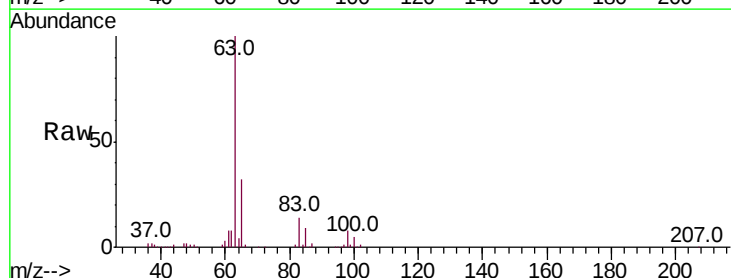
Tgt Ion: 63 Resp: 280075

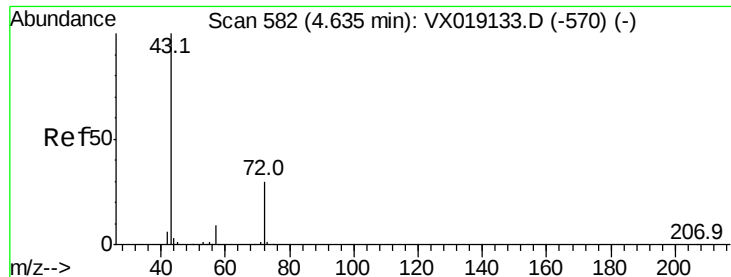
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 5.1 2.4 7.2





#25

2-Butanone

Concen: 290.823 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

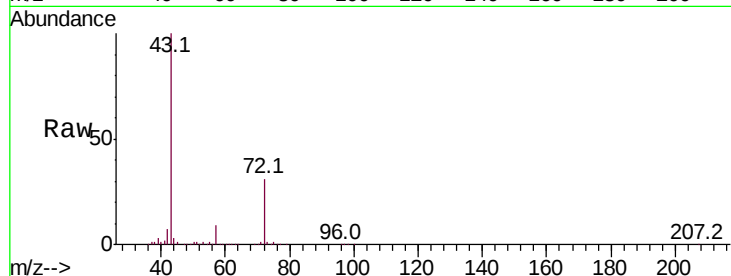
VSTDCCC050EC

Tot Ion: 43 Resp: 542617

Ion Ratio Lower Upper

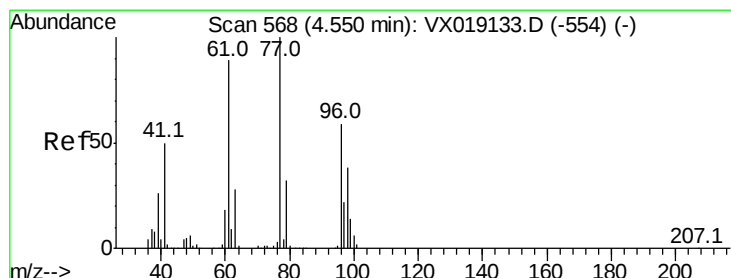
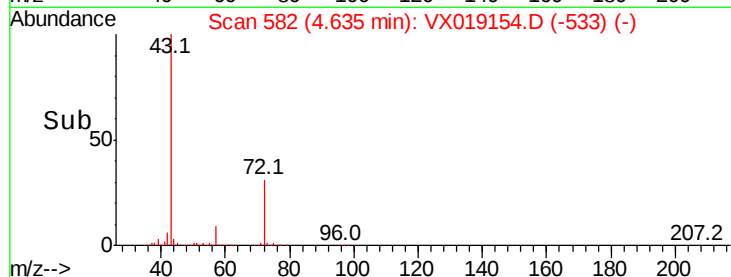
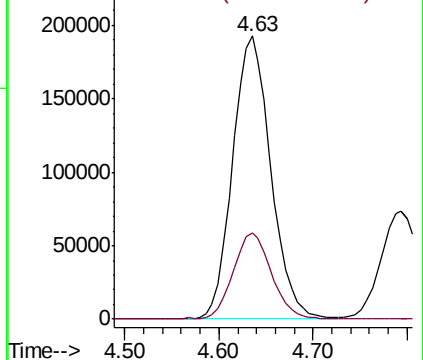
43 100

72 30.4 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.790 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019154.D

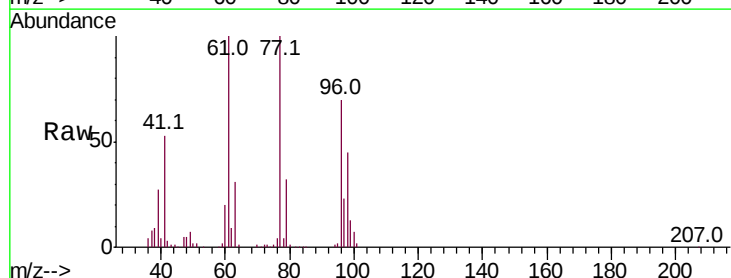
Acq: 27 Oct 2020 22:02

Tgt Ion: 77 Resp: 227598

Ion Ratio Lower Upper

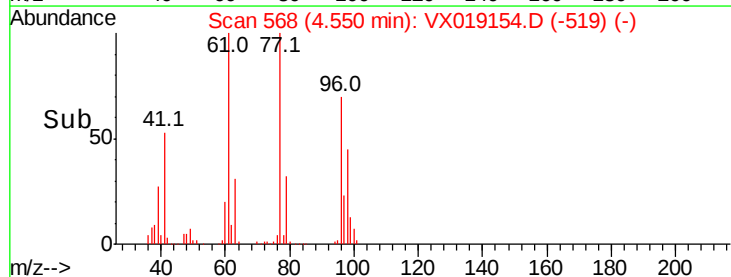
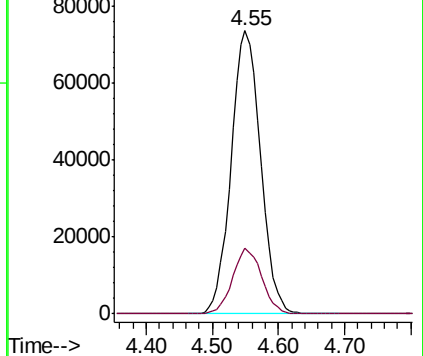
77 100

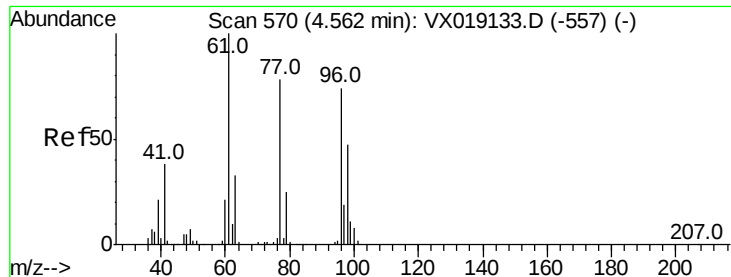
97 22.9 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 56.000 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

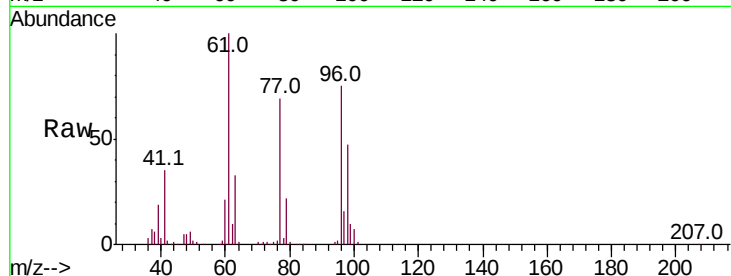
Tot Ion: 96 Resp: 185747

Ion Ratio Lower Upper

96 100

61 138.8 0.0 278.8

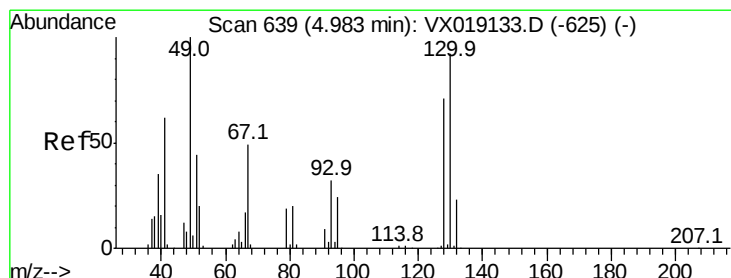
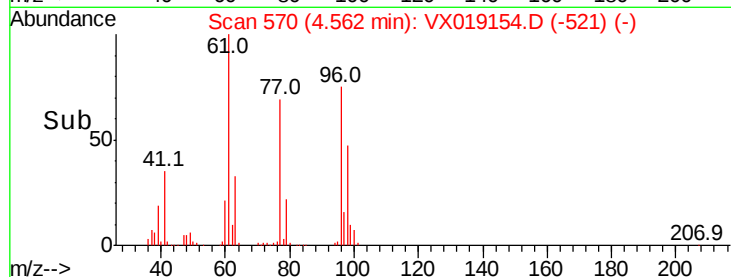
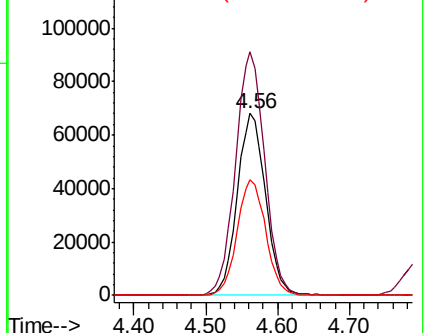
98 64.4 0.0 130.2



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



#28

Bromochloromethane

Concen: 52.906 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

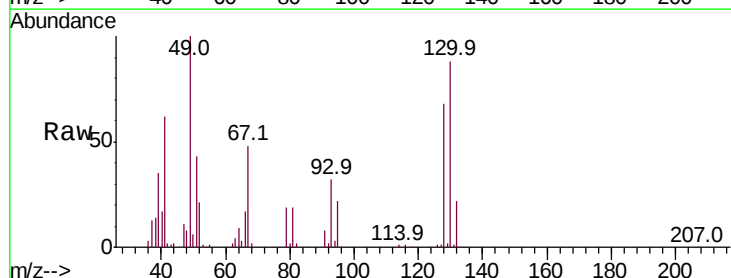
Tgt Ion: 49 Resp: 116951

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

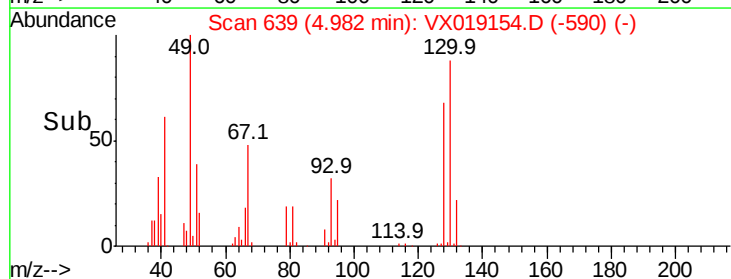
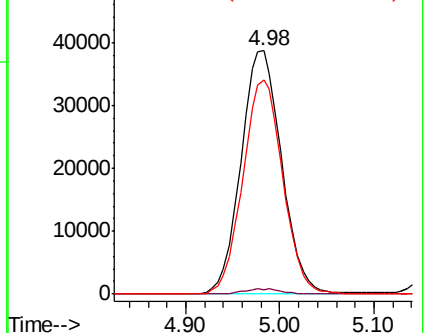
130 86.8 71.3 106.9

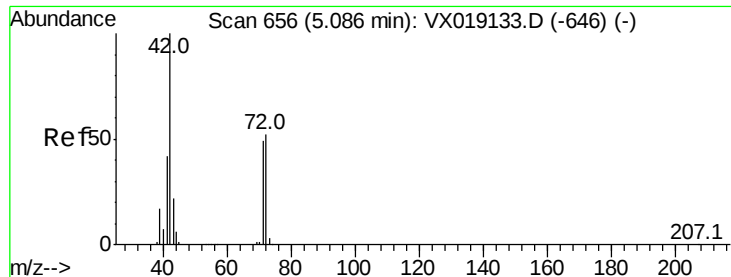


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

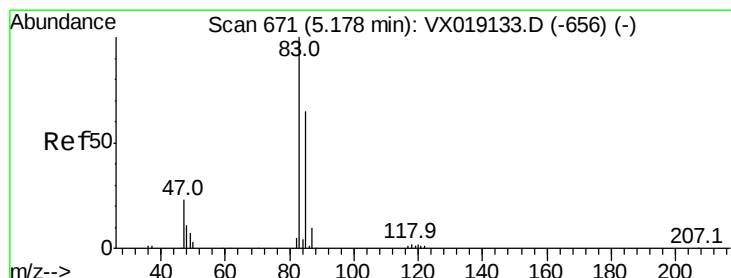
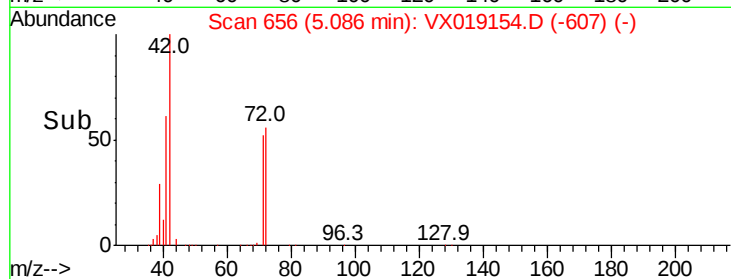
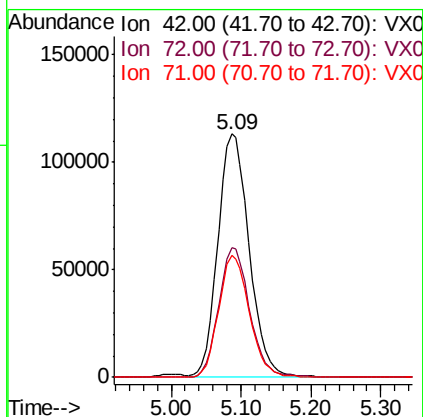
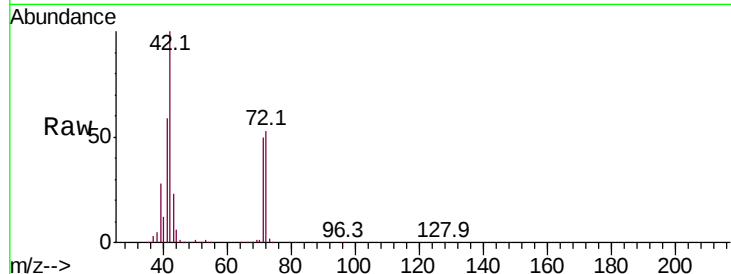




#29
Tetrahydrofuran
Concen: 298.673 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

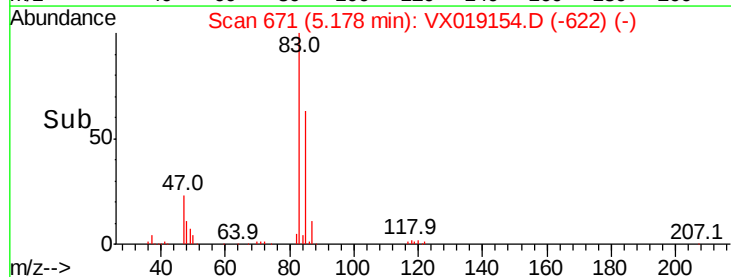
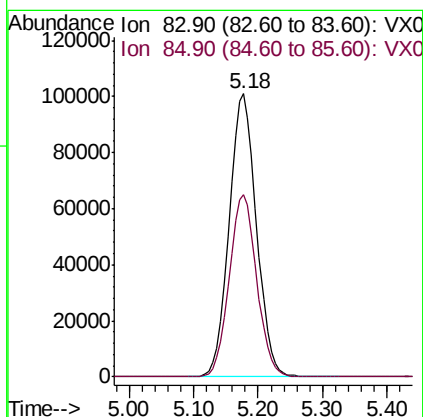
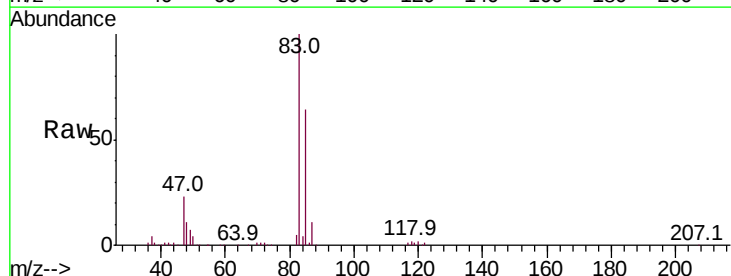
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

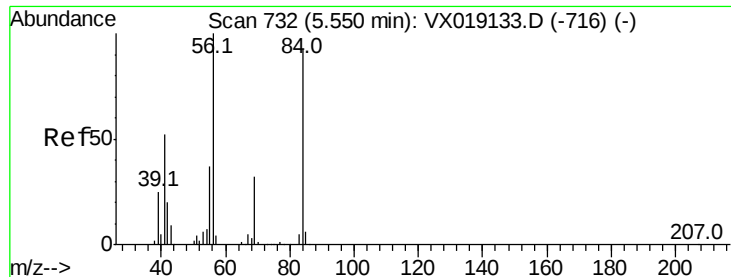
Tot Ion: 42 Resp: 351184
Ion Ratio Lower Upper
42 100
72 53.0 42.6 63.8
71 49.5 39.7 59.5



#30
Chloroform
Concen: 57.676 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion: 83 Resp: 298512
Ion Ratio Lower Upper
83 100
85 64.2 51.9 77.9

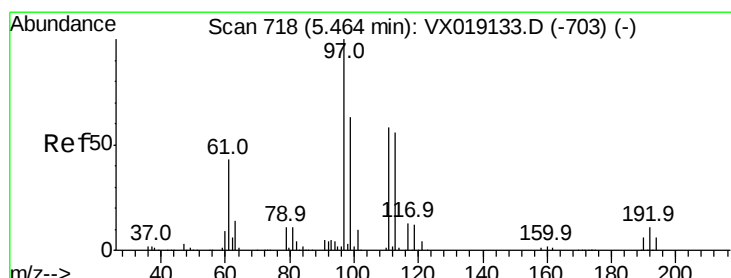
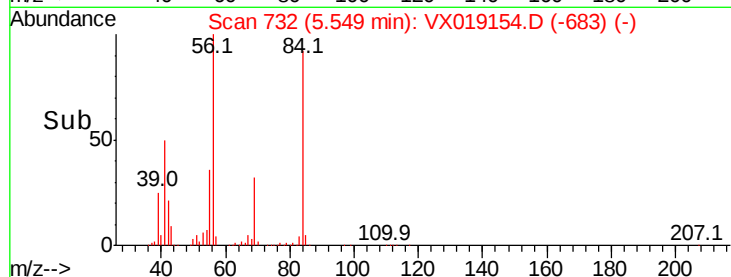
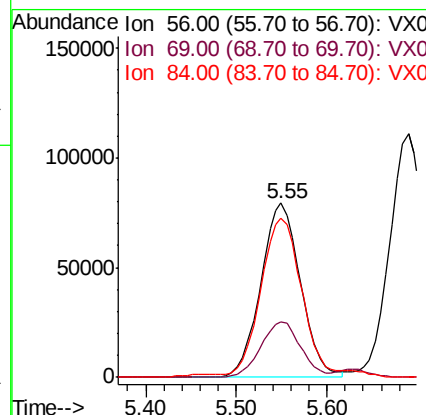
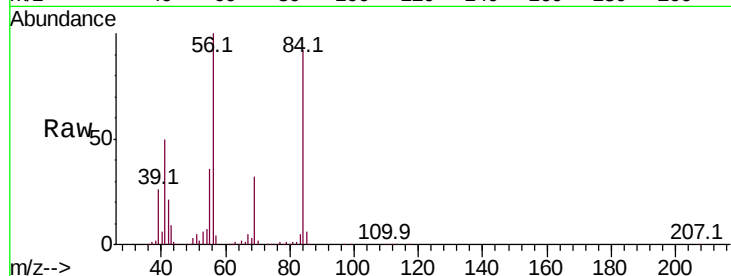




#31
Cyclohexane
Concen: 55.325 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

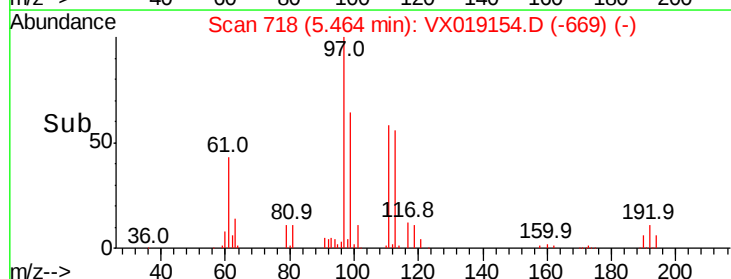
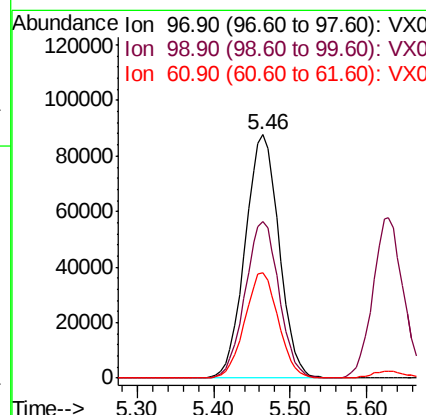
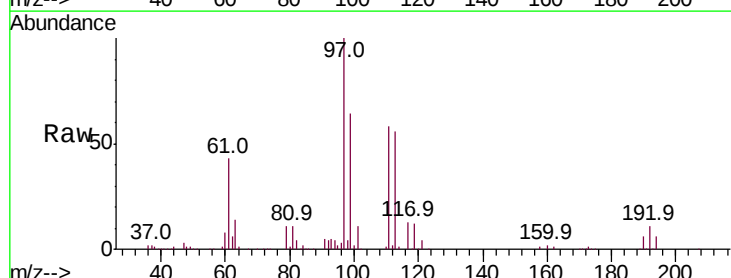
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

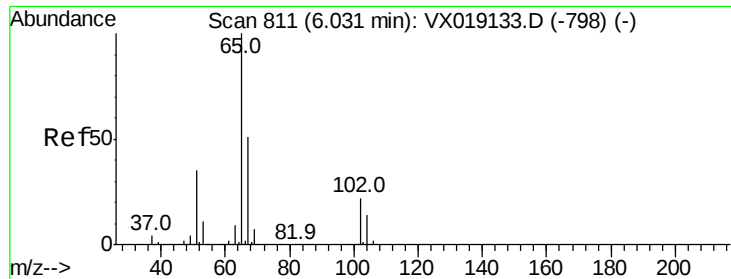
Tot Ion: 56 Resp: 239996
Ion Ratio Lower Upper
56 100
69 31.8 25.9 38.9
84 89.9 73.4 110.2



#32
1,1,1-Trichloroethane
Concen: 57.569 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion: 97 Resp: 270139
Ion Ratio Lower Upper
97 100
99 64.2 51.7 77.5
61 43.0 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 51.119 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

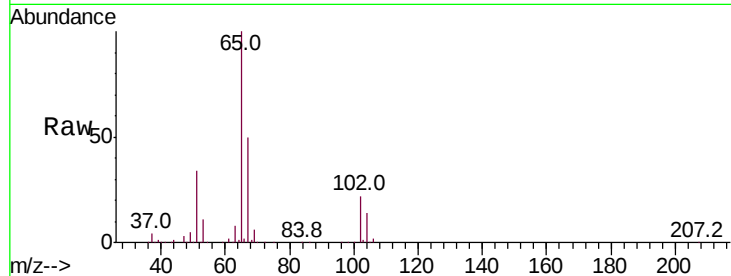
VSTDCCC050EC

Tot Ion: 65 Resp: 175425

Ion Ratio Lower Upper

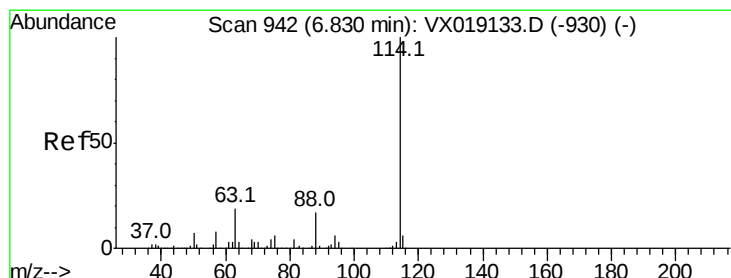
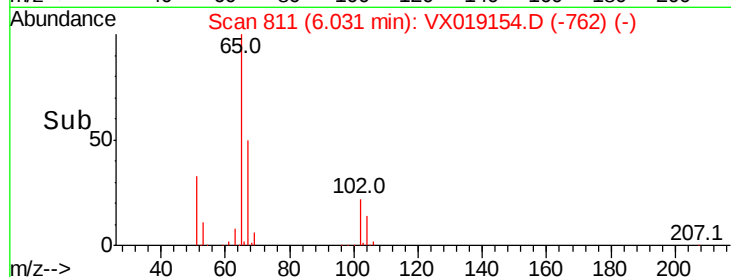
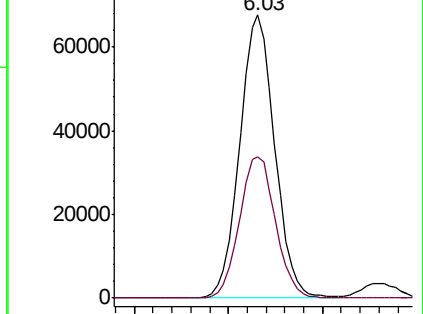
65 100

67 51.6 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

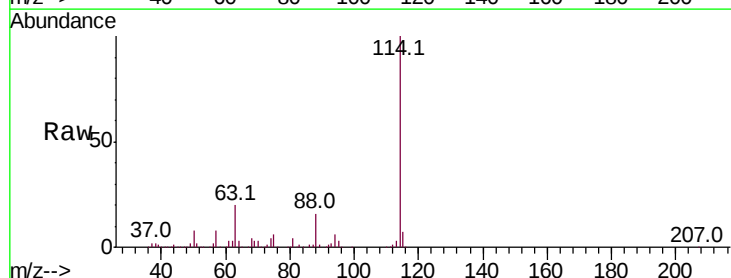
Tgt Ion: 114 Resp: 457640

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.8

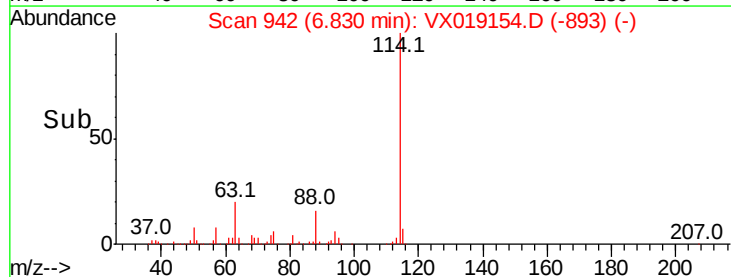
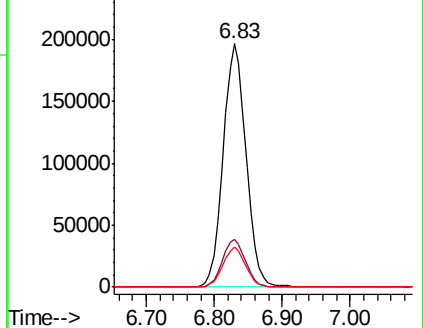
88 16.2 0.0 34.2

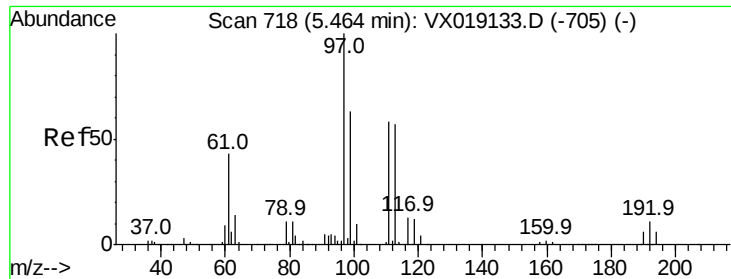


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

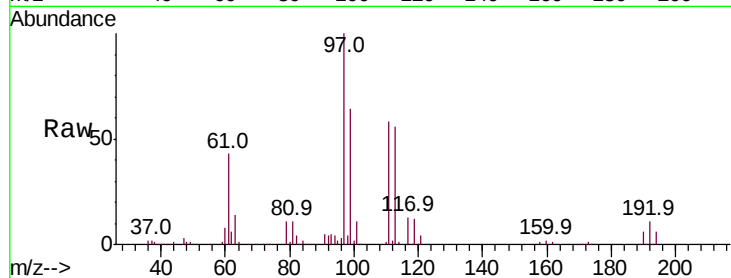




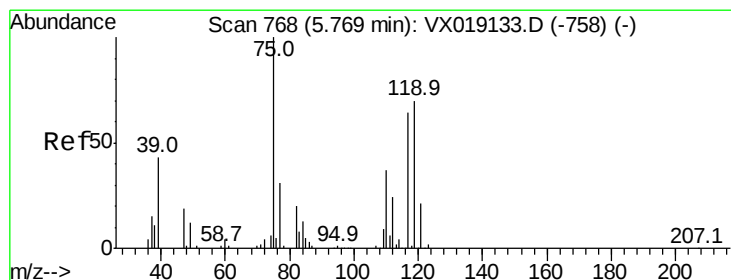
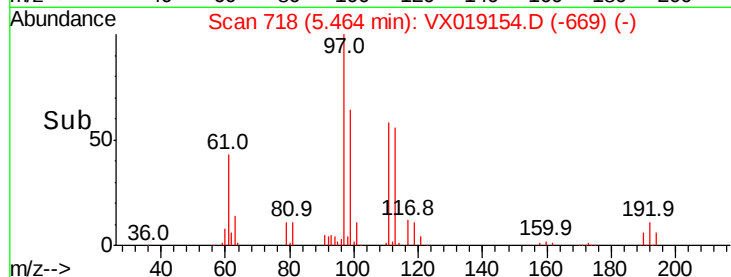
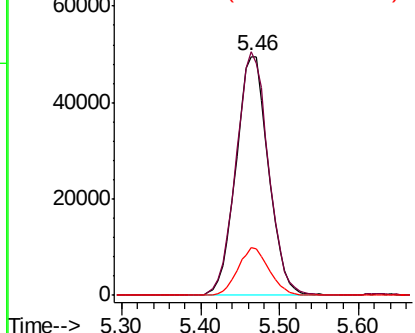
#35
 Dibromofluoromethane
 Concen: 49.413 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 142044
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.3 123.5
 192 19.2 16.2 24.2

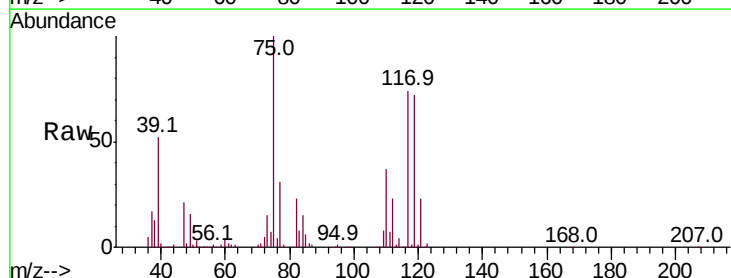


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

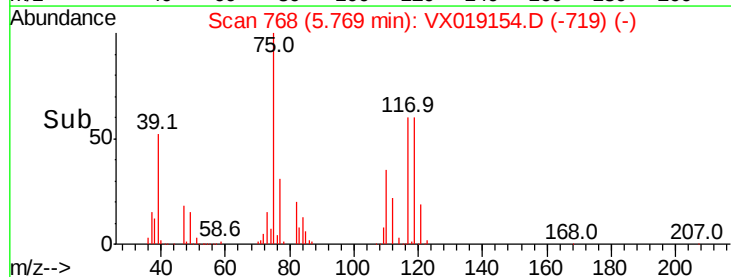
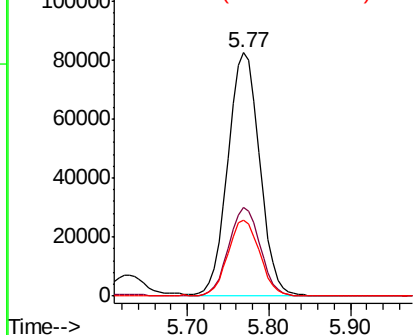


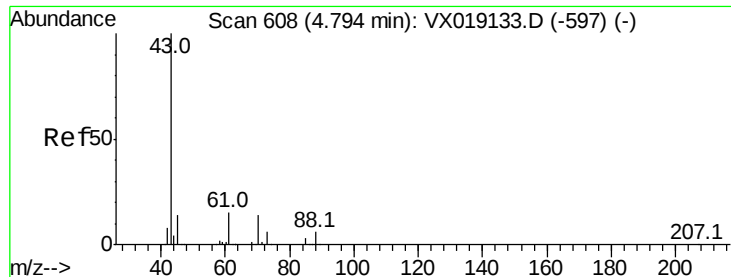
#36
 1,1-Dichloropropene
 Concen: 52.415 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Tgt Ion: 75 Resp: 221505
 Ion Ratio Lower Upper
 75 100
 110 36.2 18.3 54.9
 77 31.5 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

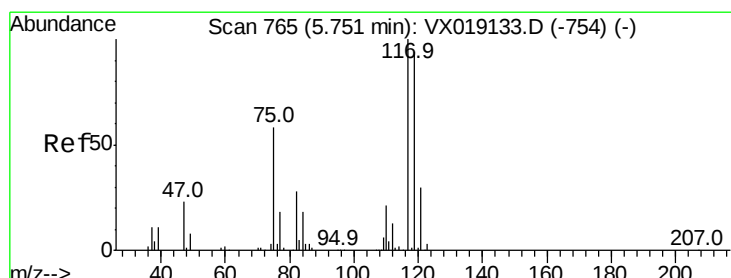
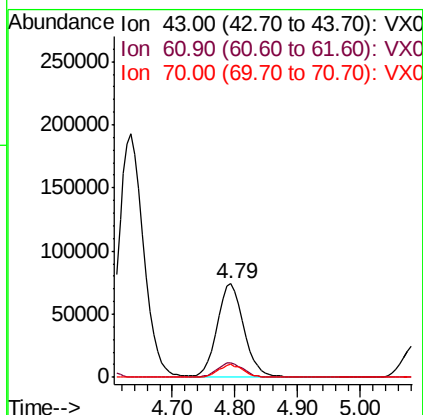
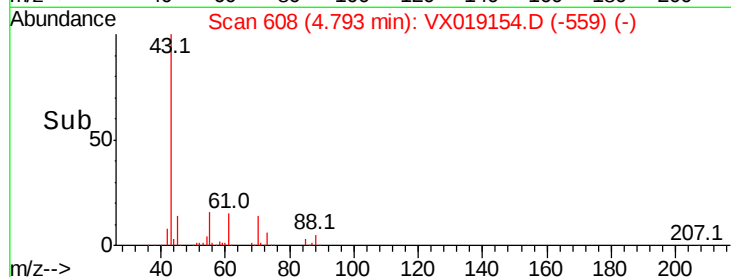
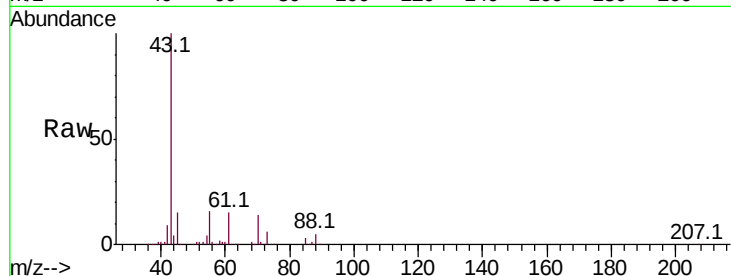




#37
Ethyl Acetate
Concen: 55.557 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

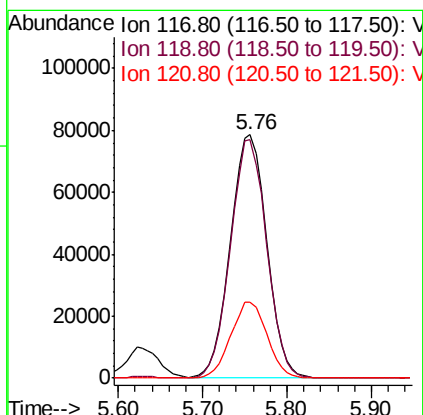
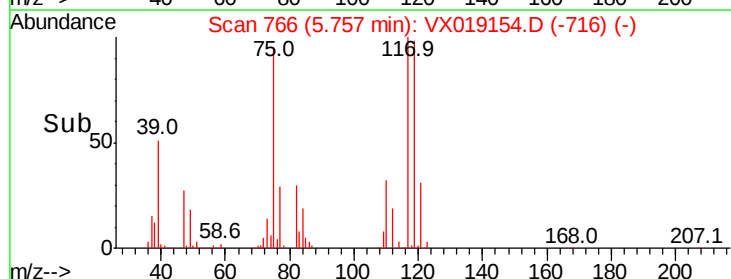
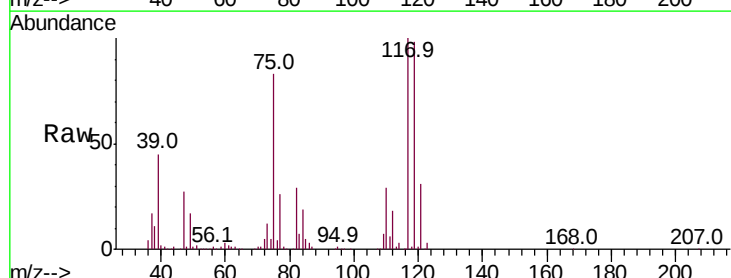
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

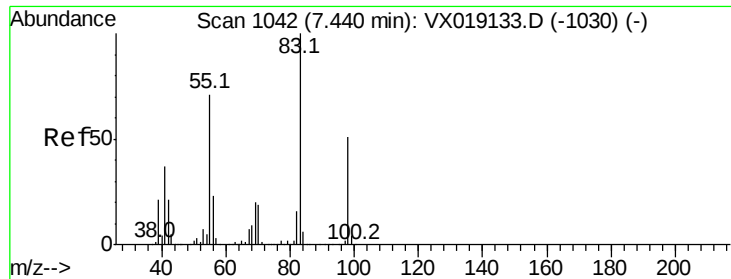
Tot Ion: 43 Resp: 217988
Ion Ratio Lower Upper
43 100
61 15.1 12.5 18.7
70 12.9 10.5 15.7



#38
Carbon Tetrachloride
Concen: 53.565 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion: 117 Resp: 230732
Ion Ratio Lower Upper
117 100
119 97.9 75.0 112.6
121 31.0 23.9 35.9

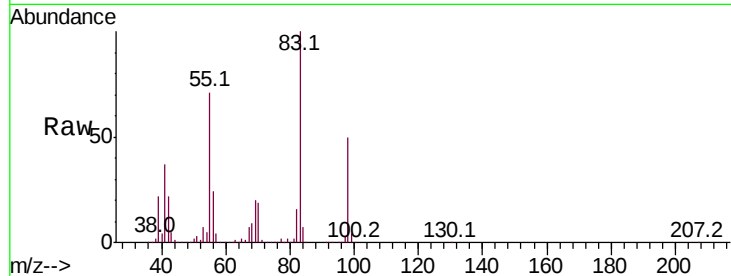




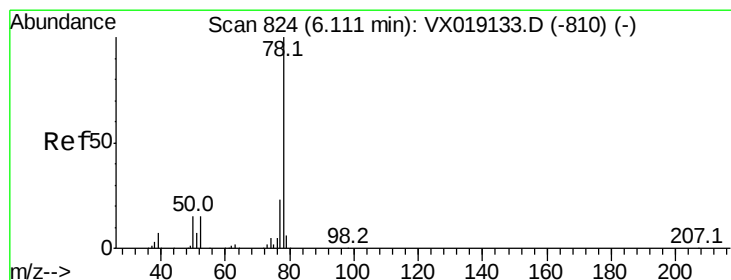
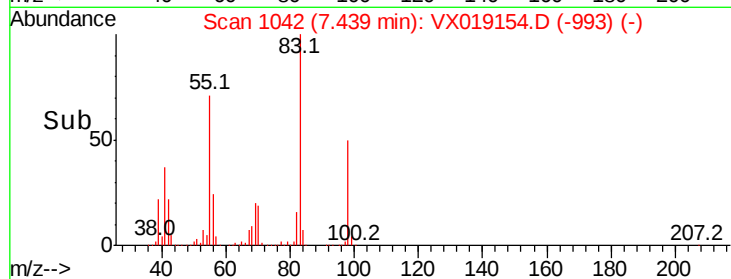
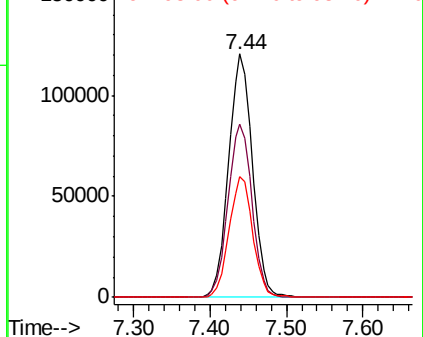
#39
Methvlcvclohexane
Concen: 51.454 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 259998
Ion Ratio Lower Upper
83 100
55 71.3 57.0 85.6
98 49.6 40.5 60.7

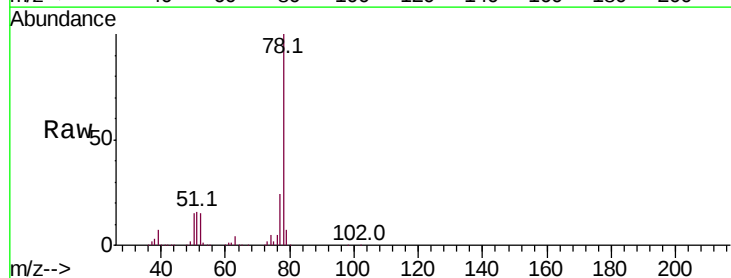


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

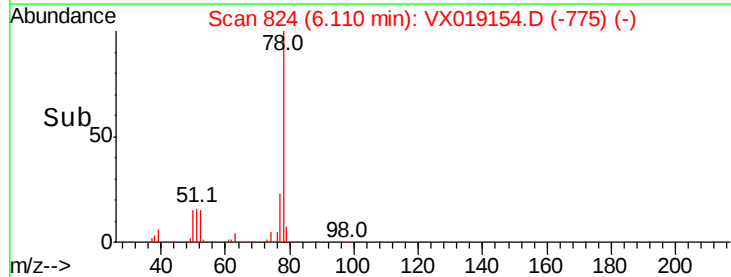
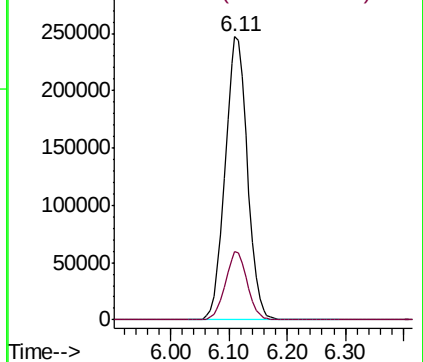


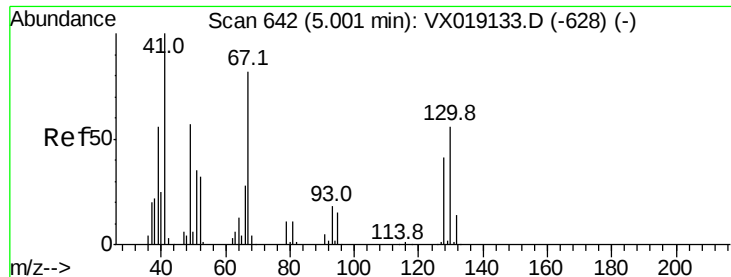
#40
Benzene
Concen: 54.700 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion: 78 Resp: 655416
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

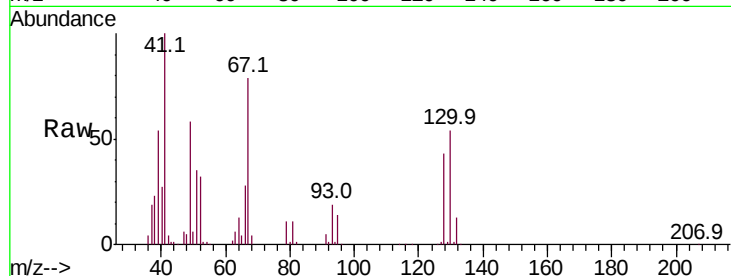




#41
Methacrylonitrile
Concen: 55.362 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	116982
Ion	Ratio	Lower	Upper
41	100		
39	55.9	44.4	66.6
67	82.6	66.4	99.6
52	32.1	26.2	39.4



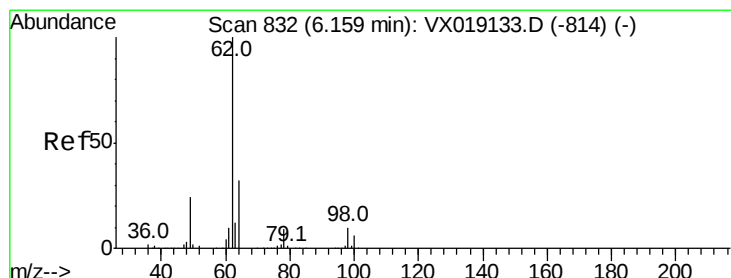
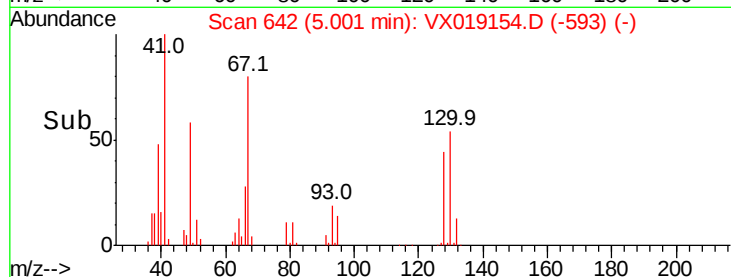
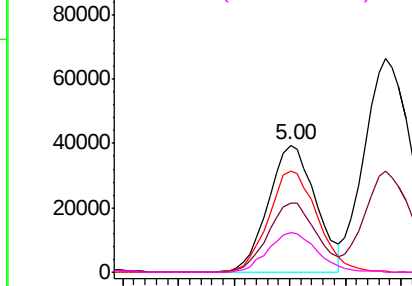
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

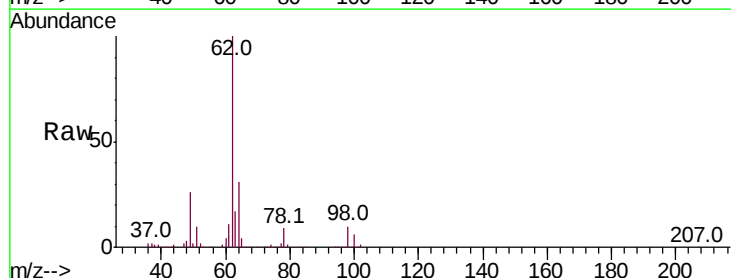
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 54.660 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

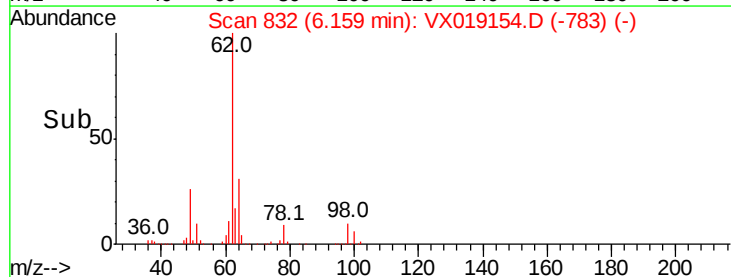
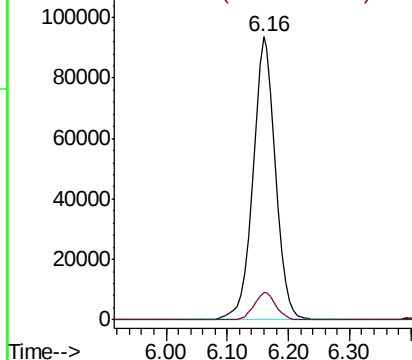
Tgt Ion:	62	Resp:	241375
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0

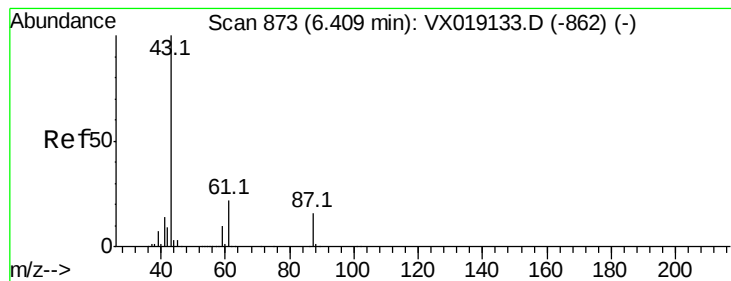


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



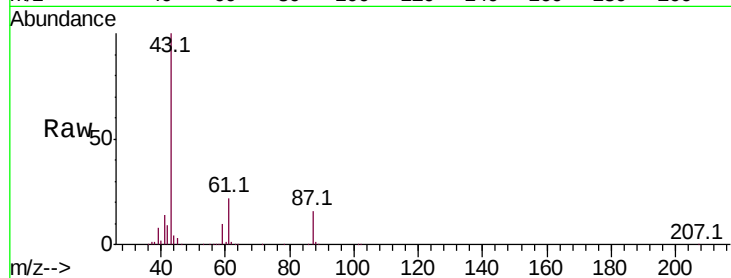


#43

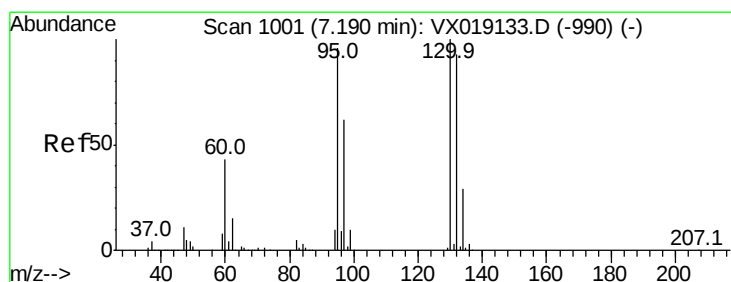
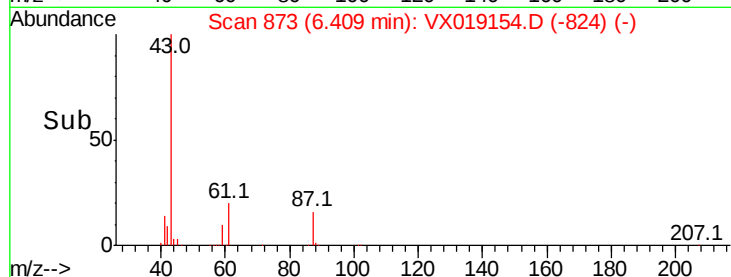
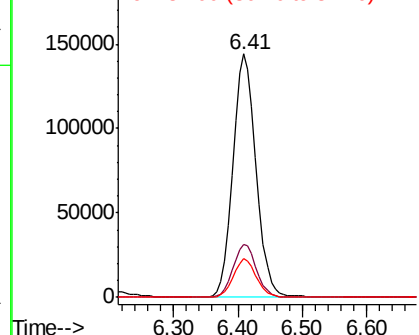
Isopropyl Acetate
 Concen: 55.053 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 361693
 Ion Ratio Lower Upper
 43 100
 61 22.1 17.8 26.6
 87 15.8 12.6 19.0



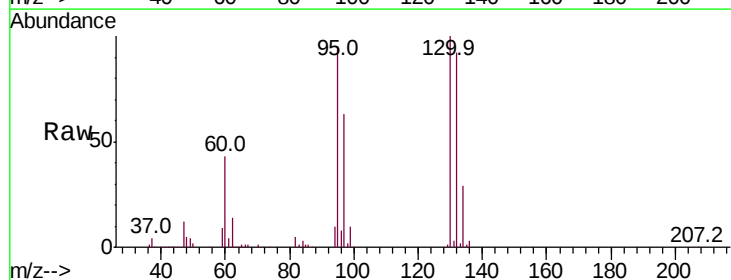
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



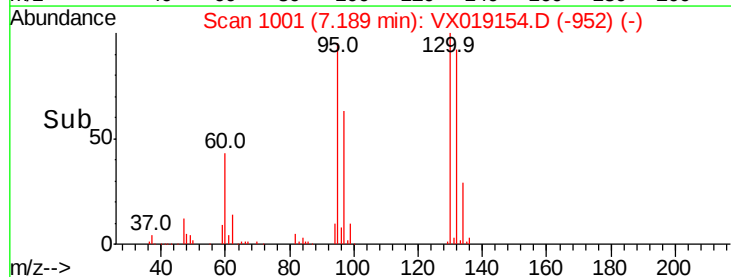
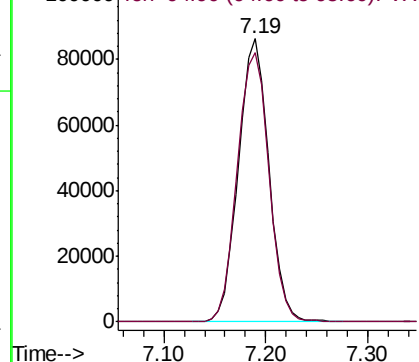
#44

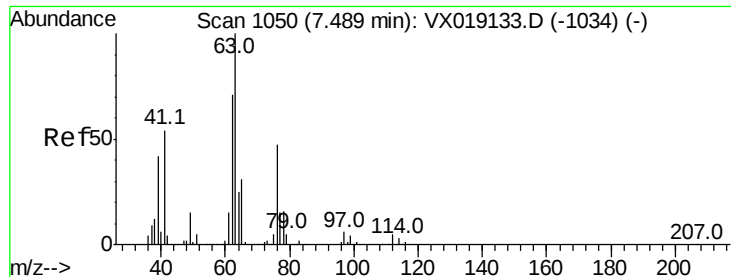
Trichloroethene
 Concen: 52.149 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Tgt Ion: 130 Resp: 178952
 Ion Ratio Lower Upper
 130 100
 95 95.2 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 55.700 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

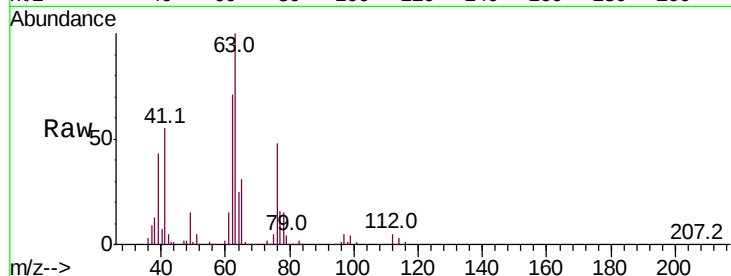
VSTDCCC050EC

Tot Ion: 63 Resp: 163468

Ion Ratio Lower Upper

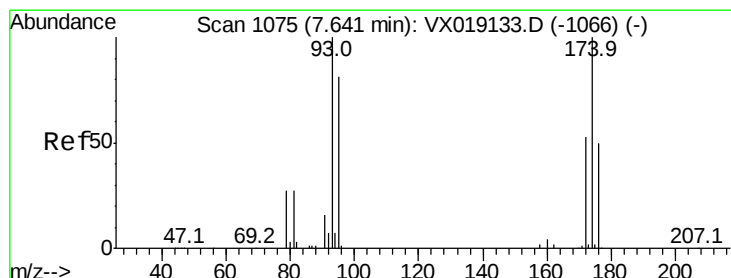
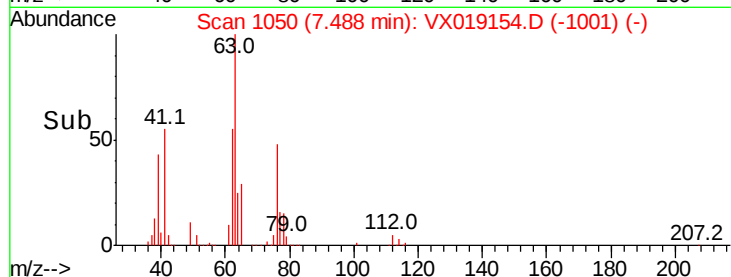
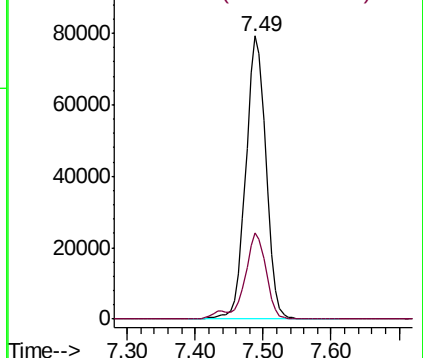
63 100

65 30.6 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 53.531 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

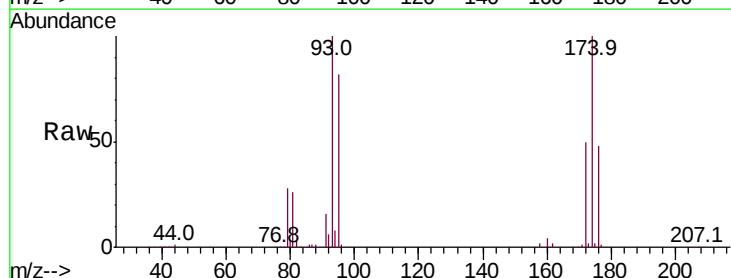
Tgt Ion: 93 Resp: 116172

Ion Ratio Lower Upper

93 100

95 83.3 67.0 100.6

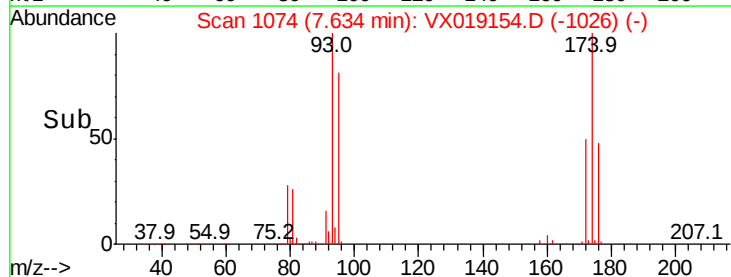
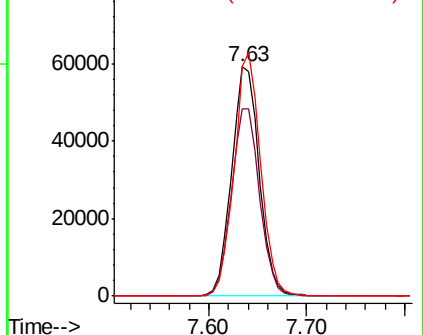
174 101.9 81.7 122.5

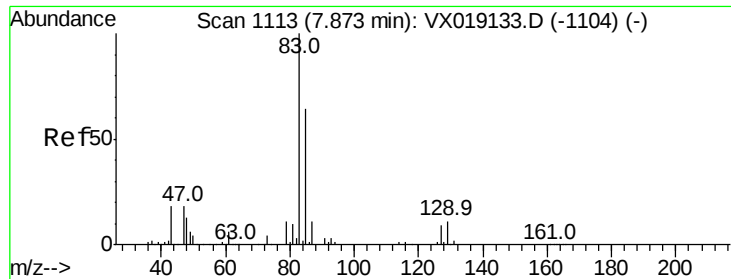


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.941 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

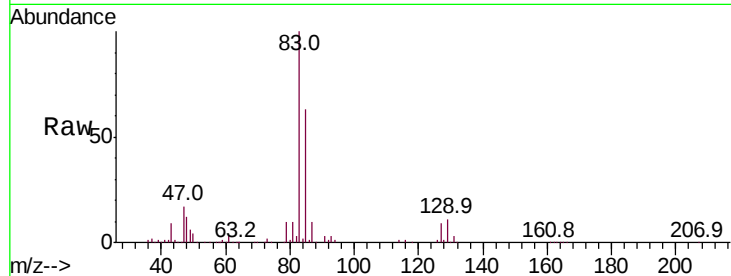
Tot Ion: 83 Resp: 239292

Ion Ratio Lower Upper

83 100

85 63.2 51.2 76.8

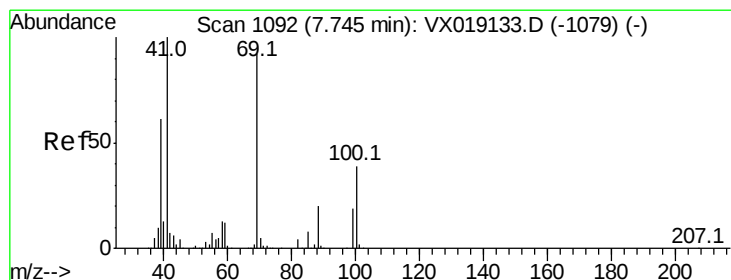
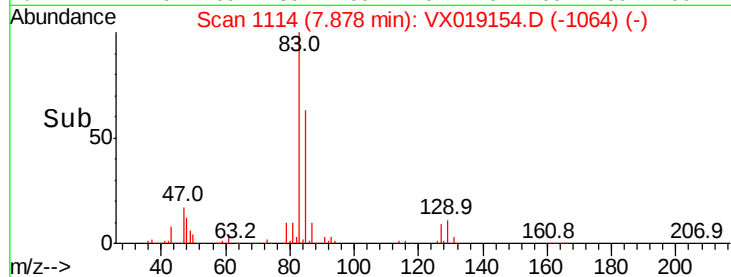
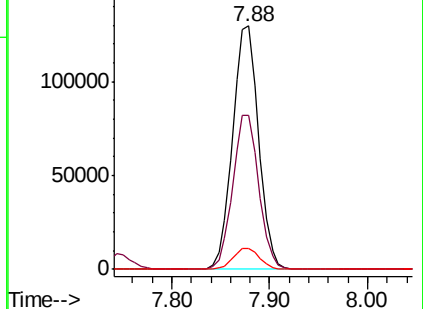
127 8.8 7.1 10.7



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: 56.480 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

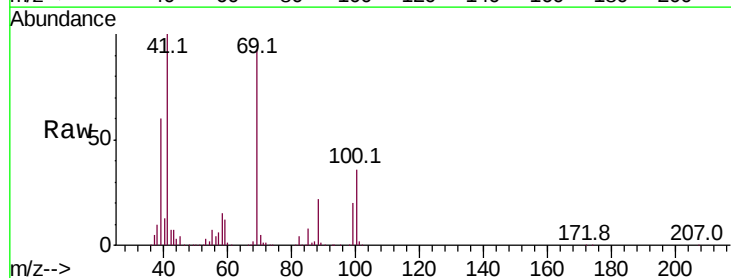
Tgt Ion: 41 Resp: 178599

Ion Ratio Lower Upper

41 100

69 93.7 75.5 113.3

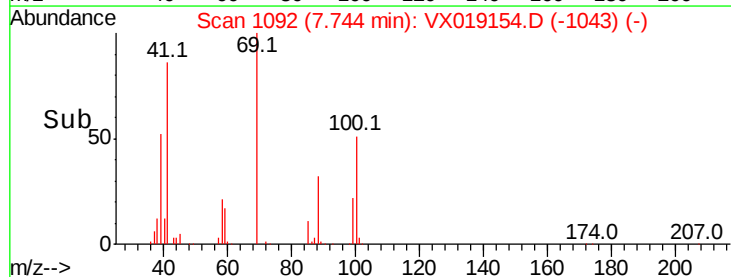
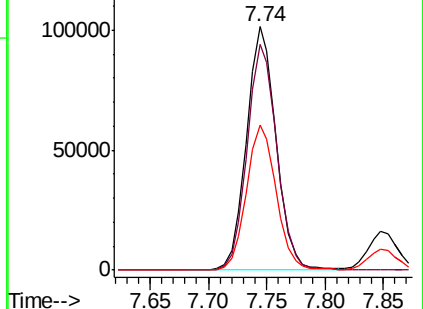
39 60.2 48.9 73.3

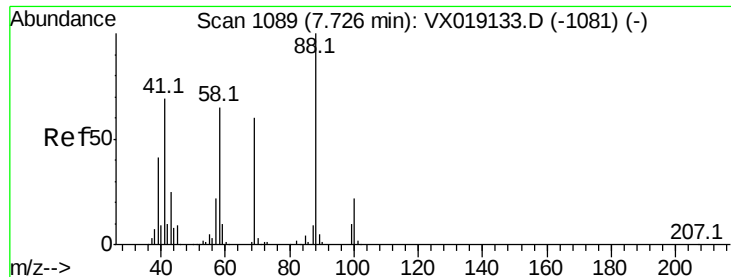


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

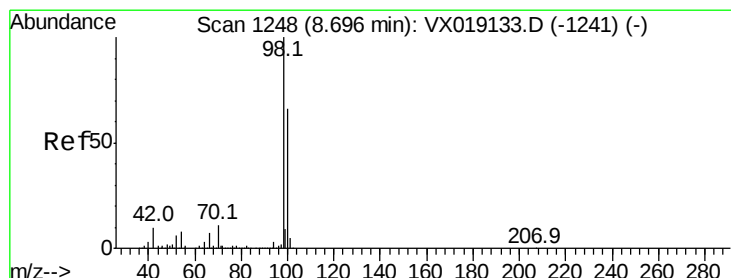
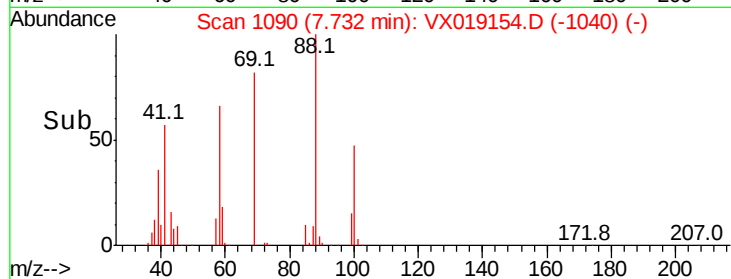
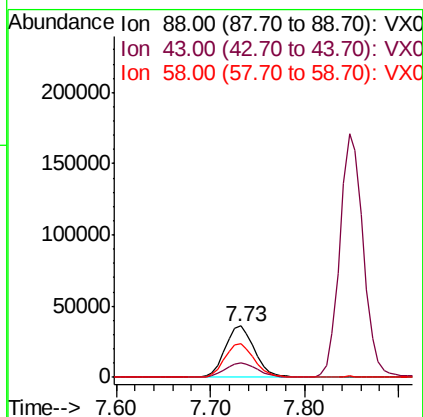
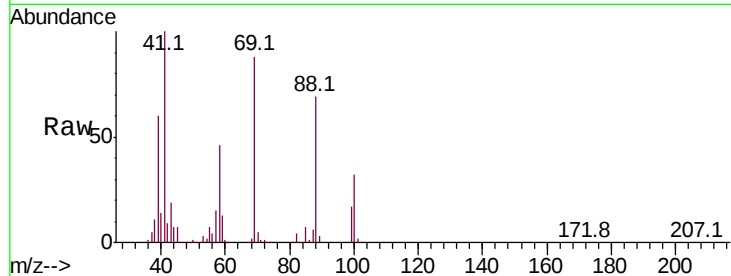




#49
1,4-Dioxane
Concen: 1116.231 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

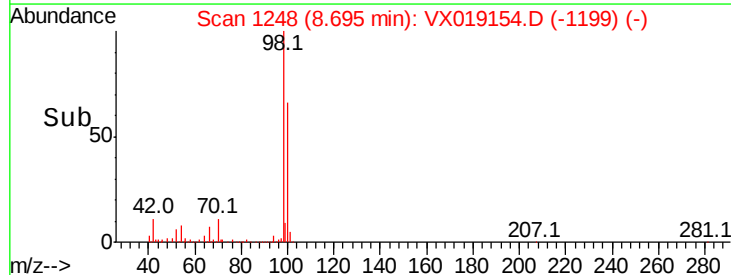
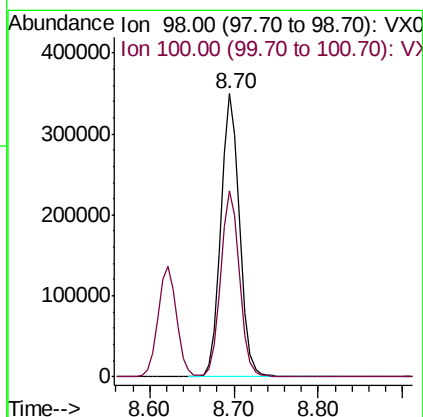
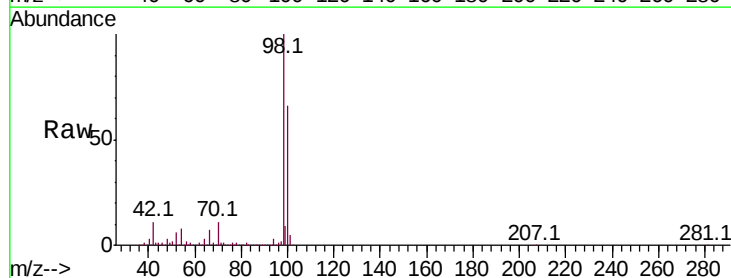
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

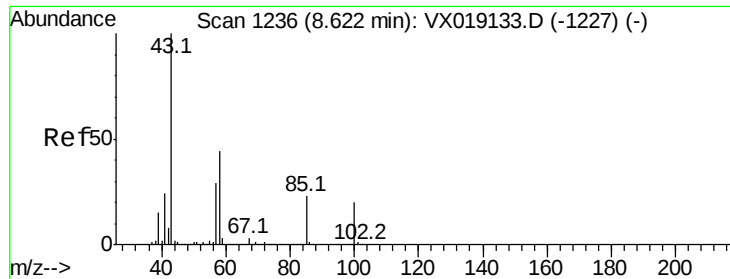
Tot Ion: 88 Resp: 78497
Ion Ratio Lower Upper
88 100
43 29.2 23.0 34.6
58 66.8 52.2 78.2



#50
Toluene-d8
Concen: 49.537 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion: 98 Resp: 536800
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6

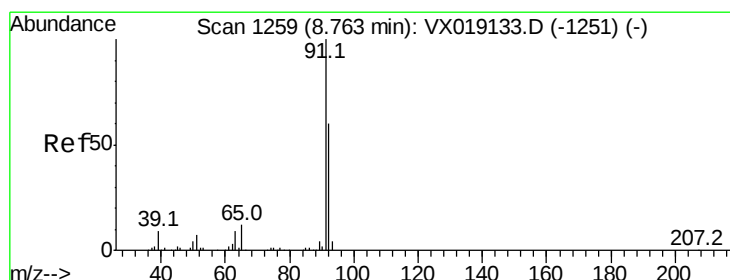
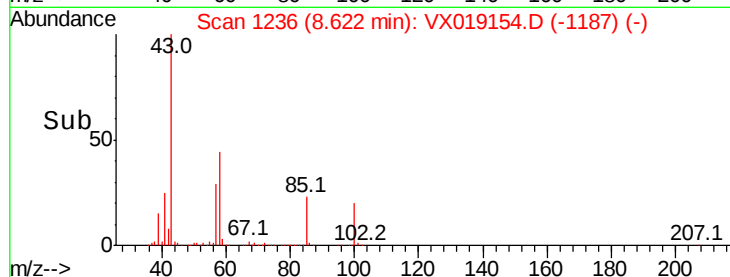
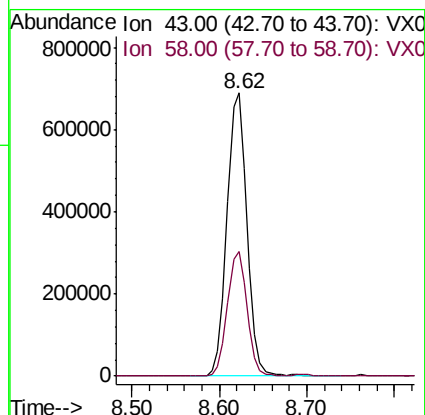
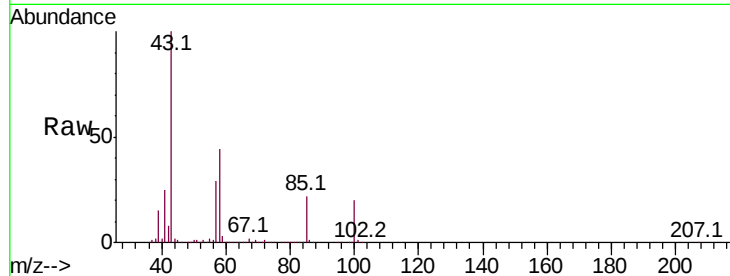




#51
 4-Methyl-2-Pentanone
 Concen: 288.533 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

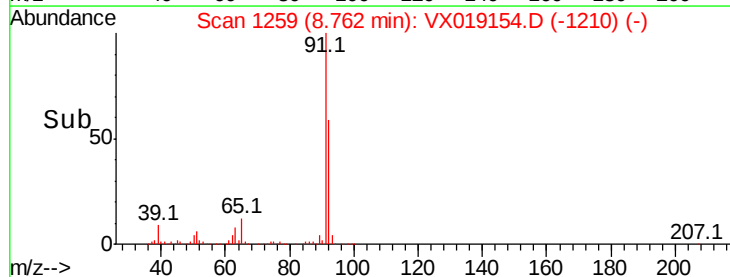
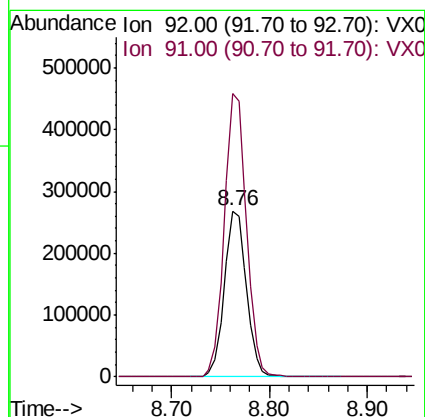
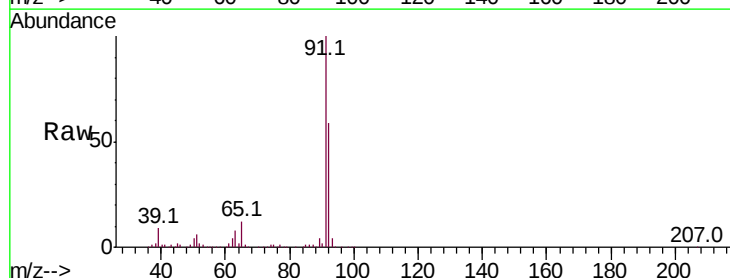
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

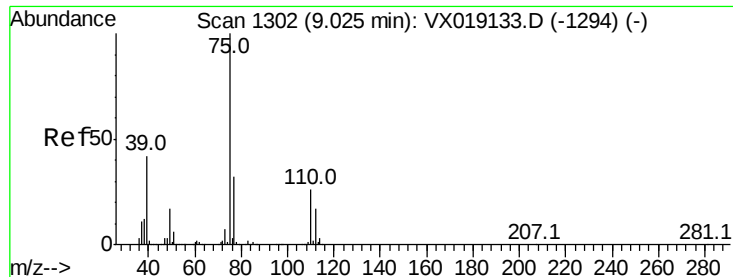
Tot Ion: 43 Resp: 1089522
 Ion Ratio Lower Upper
 43 100
 58 43.6 35.0 52.4



#52
 Toluene
 Concen: 54.348 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Tgt Ion: 92 Resp: 419408
 Ion Ratio Lower Upper
 92 100
 91 171.6 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 53.608 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

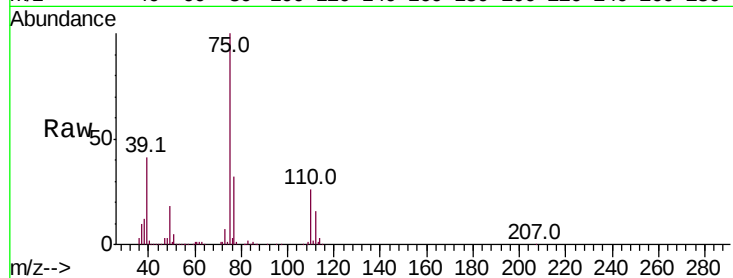
VSTDCCC050EC

Tot Ion: 75 Resp: 261915

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

150000

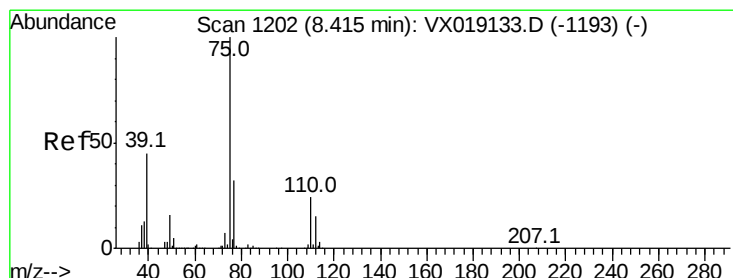
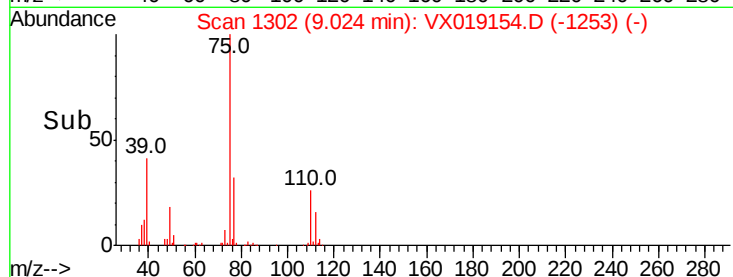
100000

50000

0

8.90 9.00 9.10 9.20

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.015 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

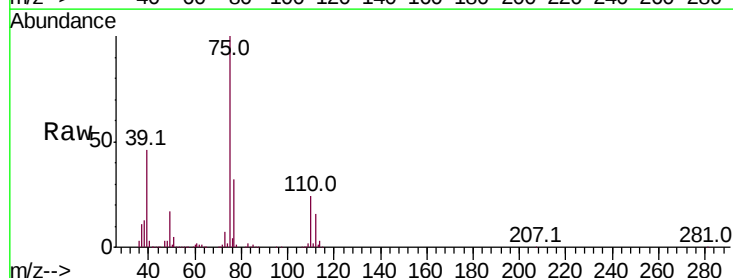
Tgt Ion: 75 Resp: 277510

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 45.9 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.41

200000

150000

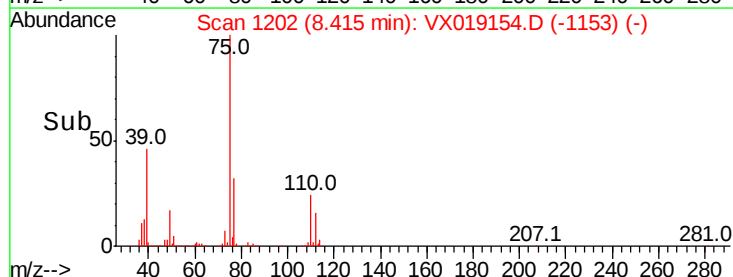
100000

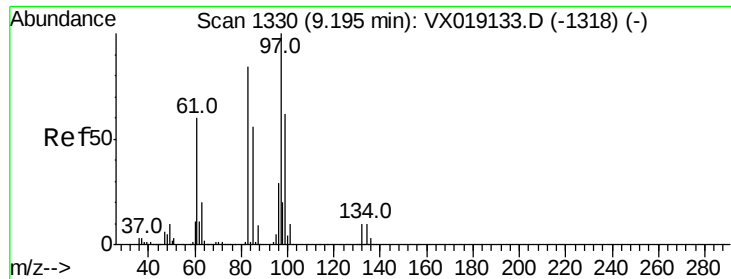
50000

0

8.30 8.40 8.50

Time-->





#55

1,1,2-Trichloroethane

Concen: 55.244 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 168445

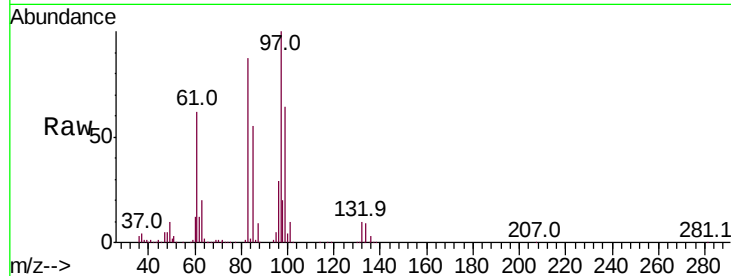
Ion Ratio Lower Upper

97 100

83 87.0 67.2 100.8

85 55.2 44.6 67.0

99 63.7 49.4 74.0

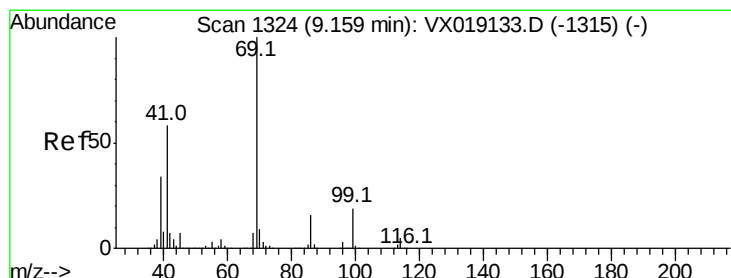
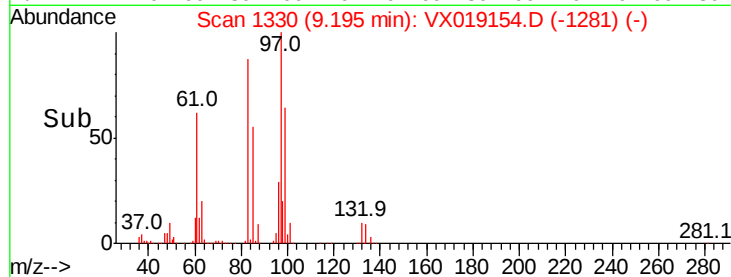
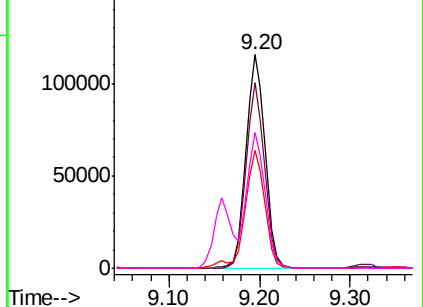


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 57.104 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

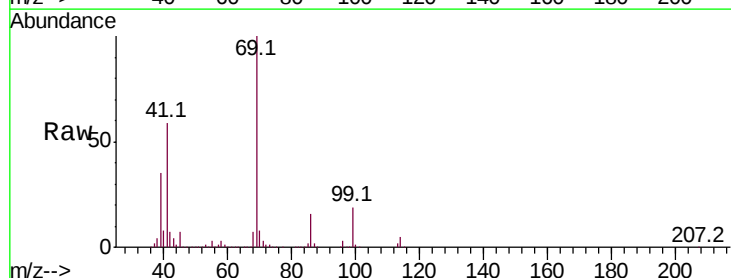
Tgt Ion: 69 Resp: 262997

Ion Ratio Lower Upper

69 100

41 59.1 46.5 69.7

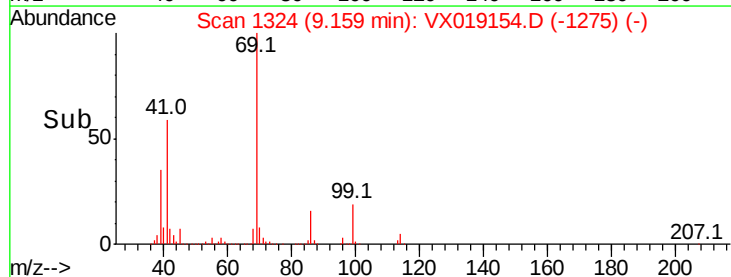
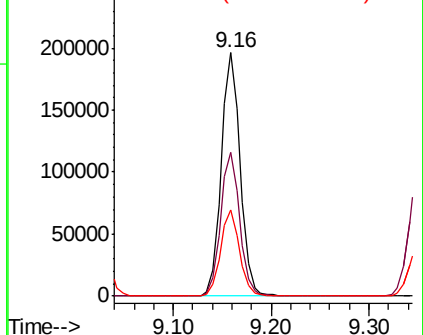
39 35.0 27.6 41.4

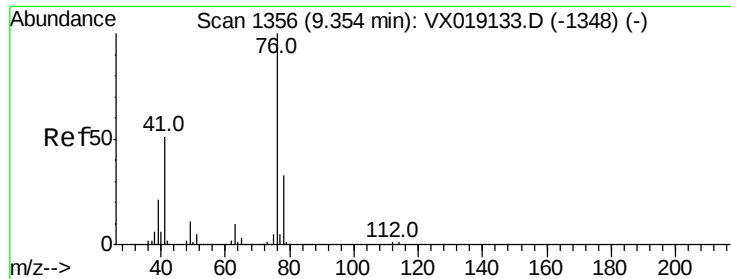


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 55.066 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

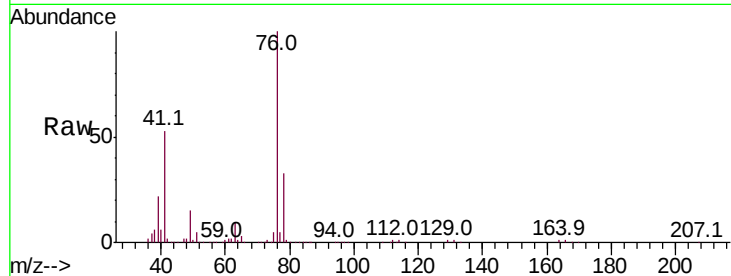
VSTDCCC050EC

Tot Ion: 76 Resp: 283085

Ion Ratio Lower Upper

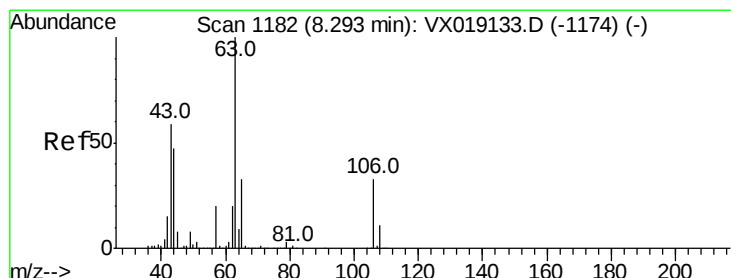
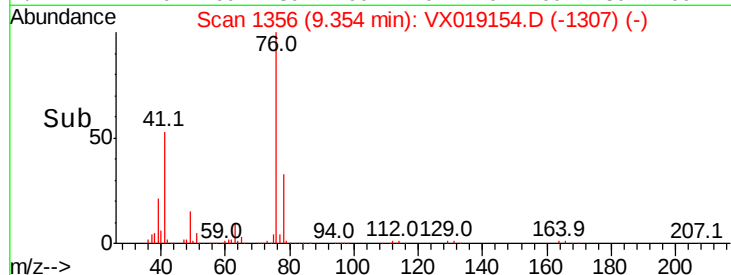
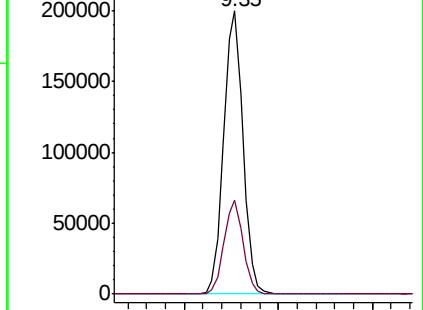
76 100

78 32.7 25.9 38.9



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: 250.777 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019154.D

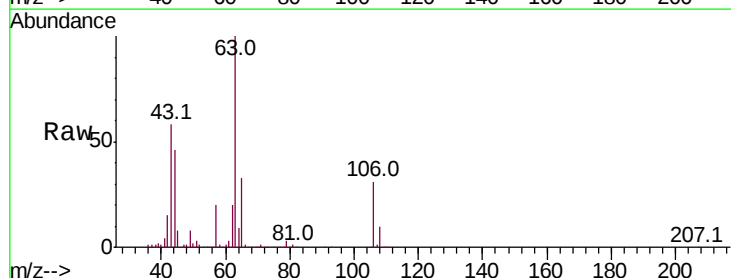
Acq: 27 Oct 2020 22:02

Tgt Ion: 63 Resp: 645932

Ion Ratio Lower Upper

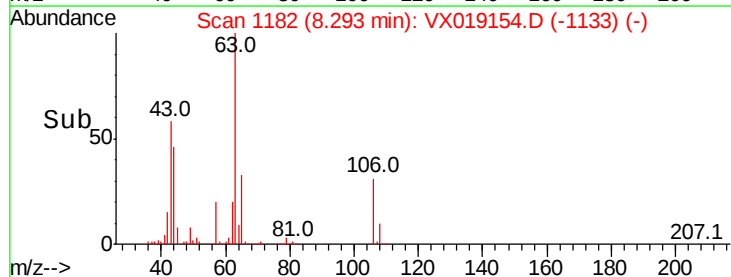
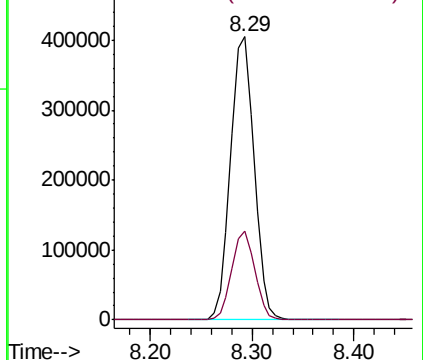
63 100

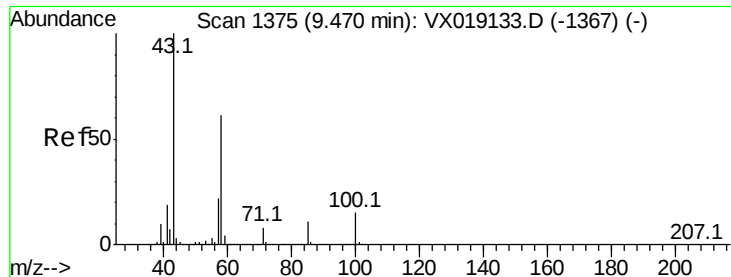
106 30.7 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

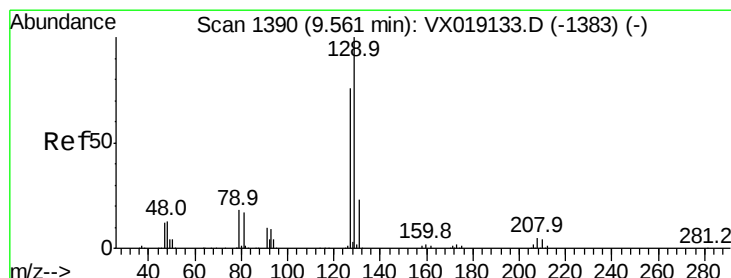
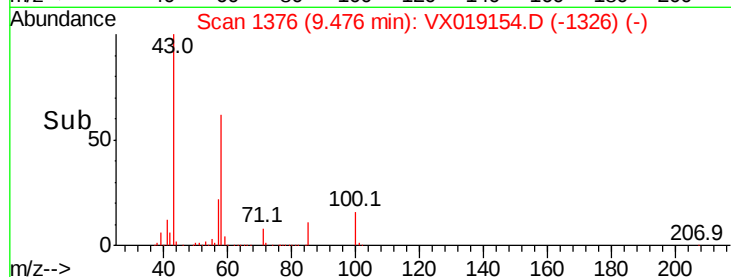
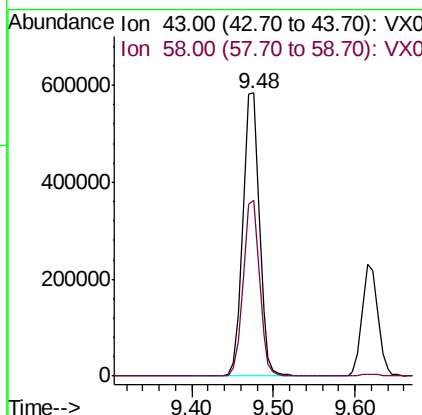
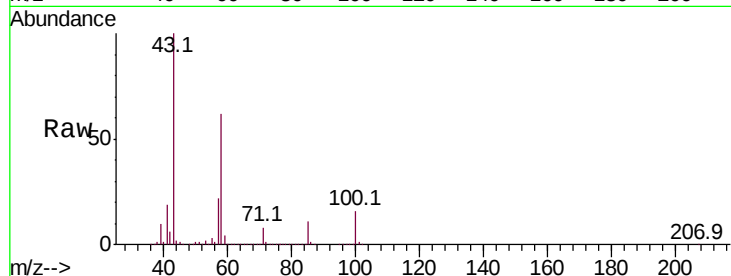




#59
2-Hexanone
Concen: 283.391 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

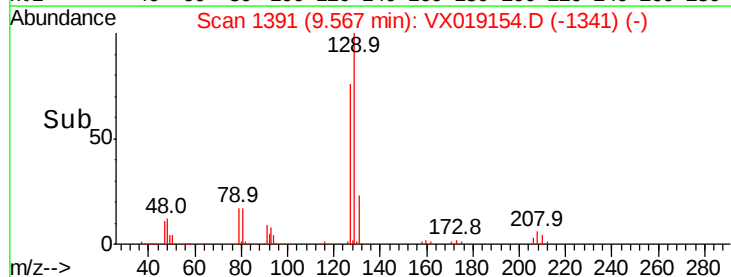
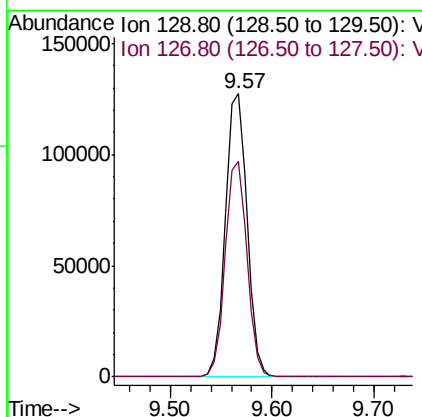
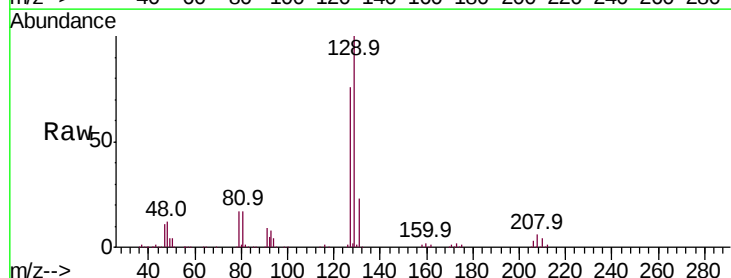
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

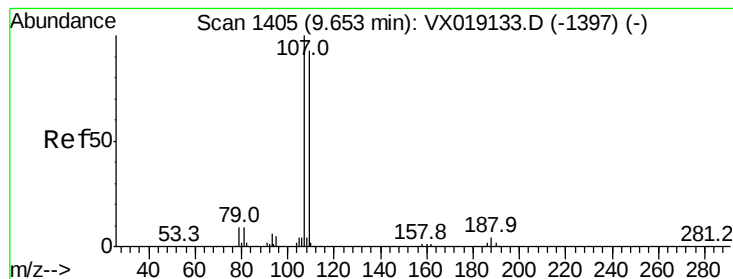
Tot Ion: 43 Resp: 814575
Ion Ratio Lower Upper
43 100
58 61.4 30.5 91.5



#60
Dibromochloromethane
Concen: 56.609 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion: 129 Resp: 187326
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 55.551 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

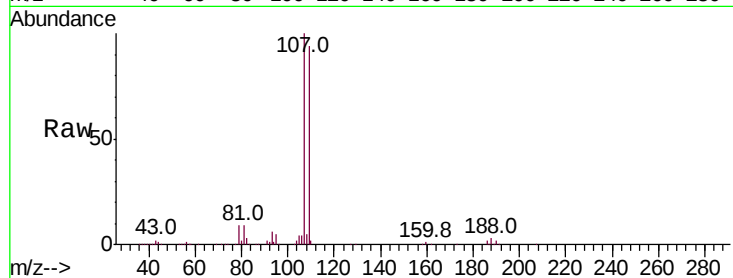
VSTDCCC050EC

Tot Ion:107 Resp: 181130

Ion Ratio Lower Upper

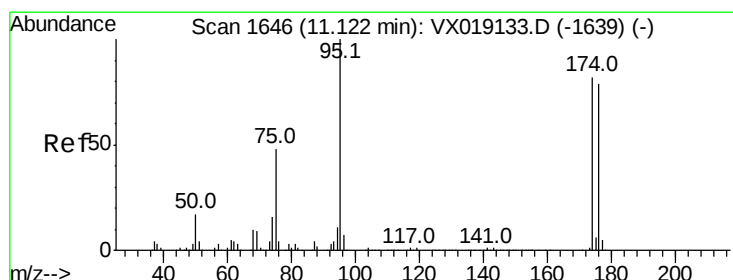
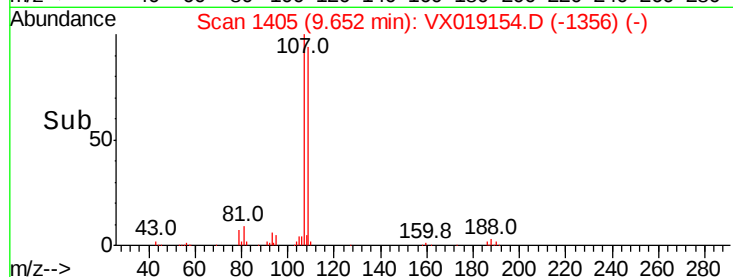
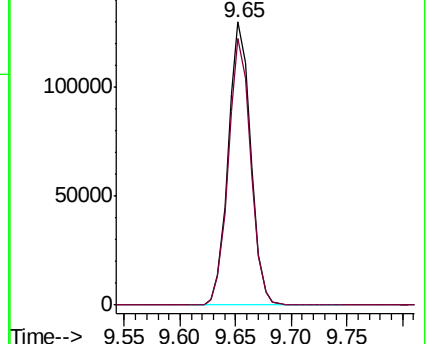
107 100

109 93.6 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.396 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

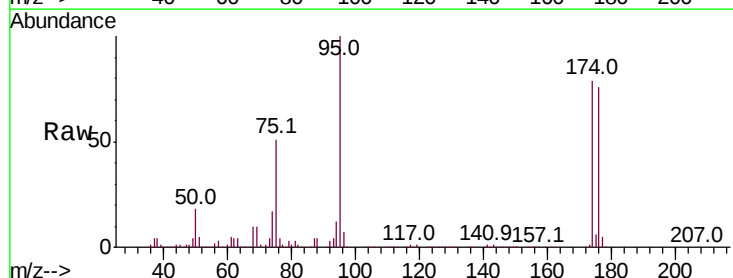
Tgt Ion: 95 Resp: 202709

Ion Ratio Lower Upper

95 100

174 78.6 0.0 156.0

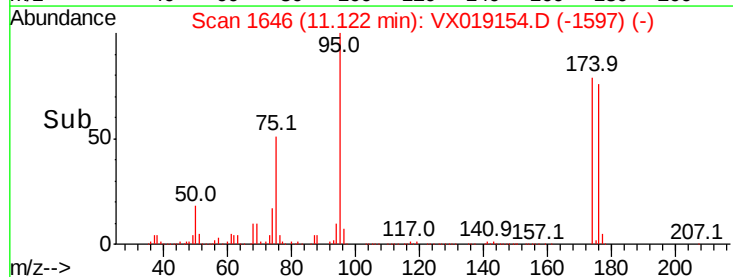
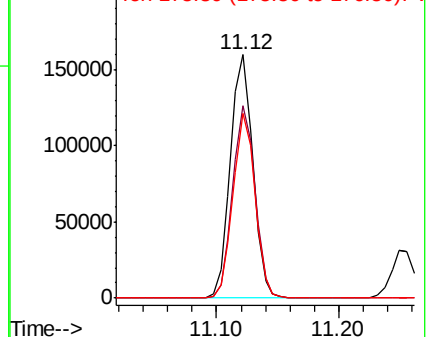
176 74.6 0.0 149.8

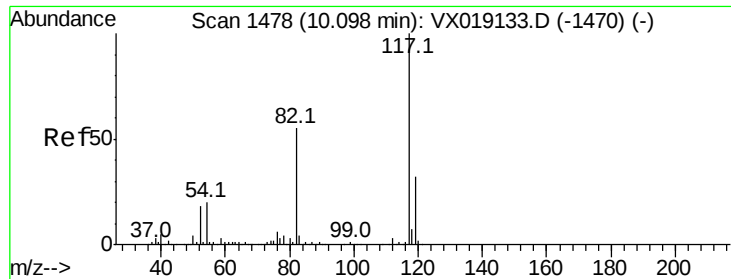


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

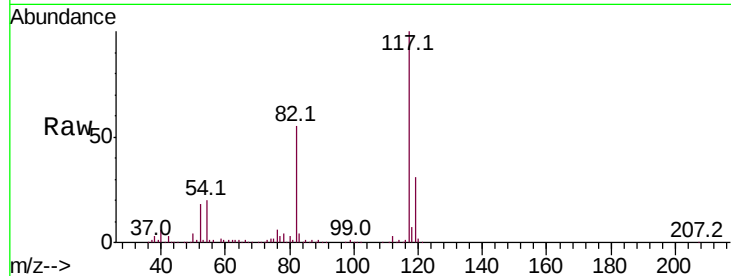




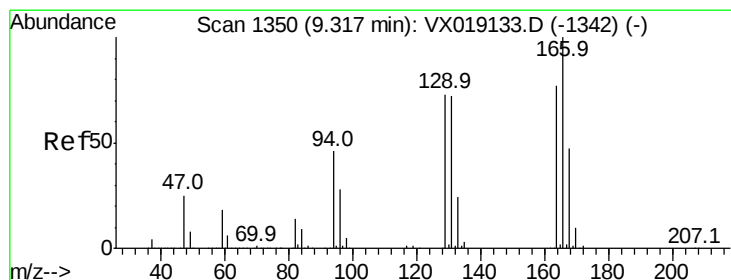
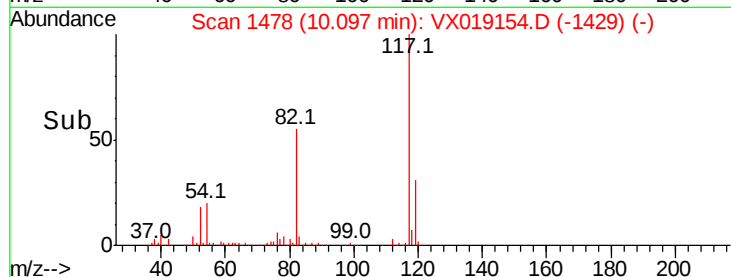
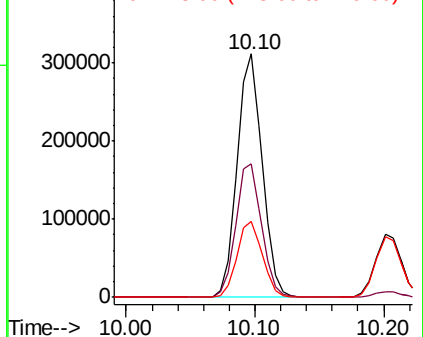
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 420839
Ion Ratio Lower Upper
117 100
82 55.0 43.6 65.4
119 31.3 25.5 38.3

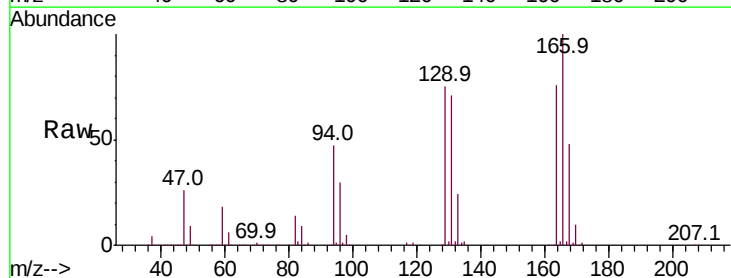


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

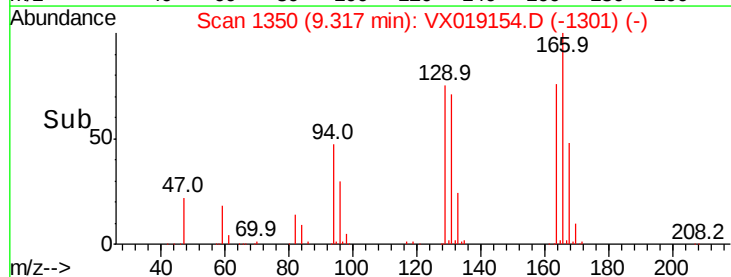
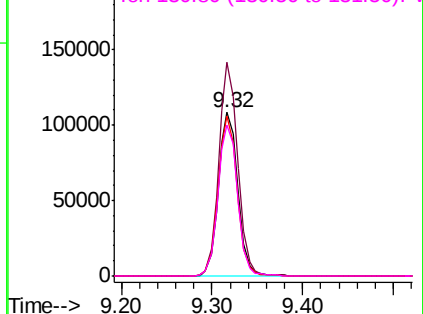


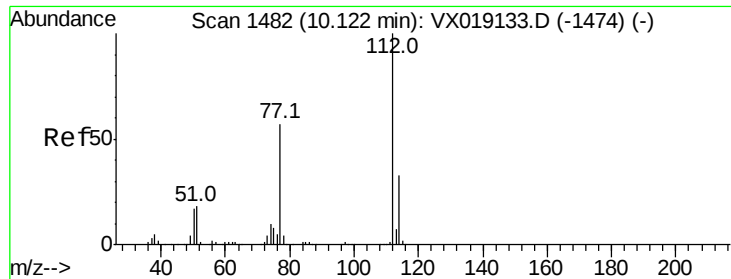
#64
Tetrachloroethene
Concen: 50.453 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion:164 Resp: 161770
Ion Ratio Lower Upper
164 100
166 130.8 104.1 156.1
129 98.1 76.2 114.4
131 92.9 74.6 112.0



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

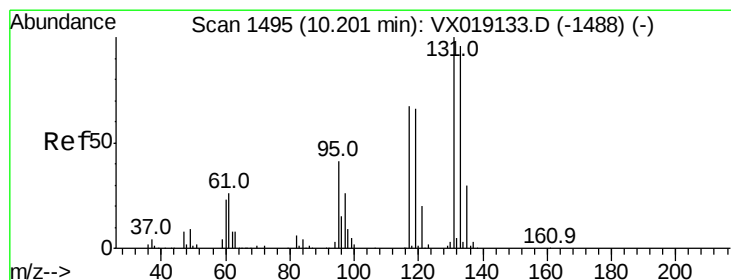
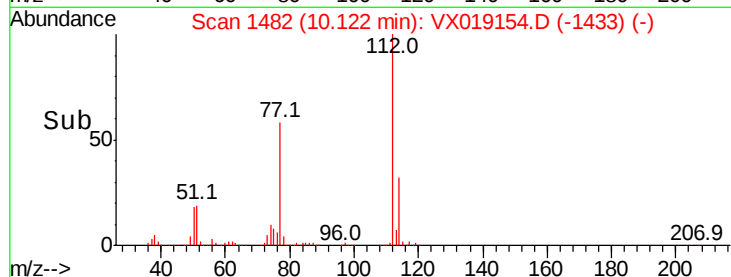
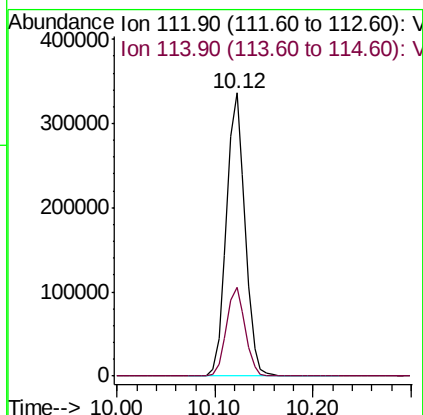
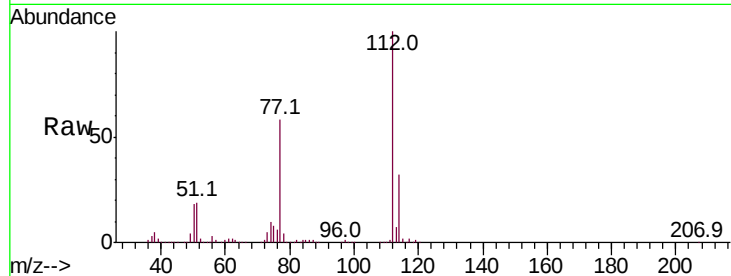




#65
Chlorobenzene
Concen: 51.583 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

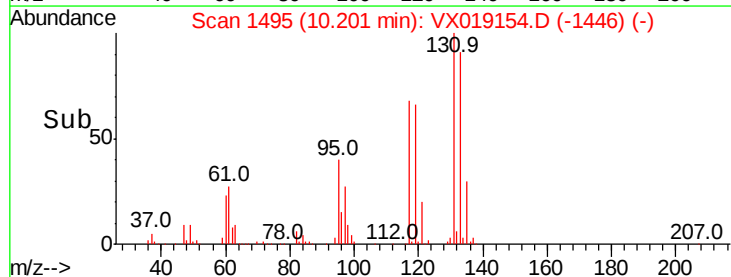
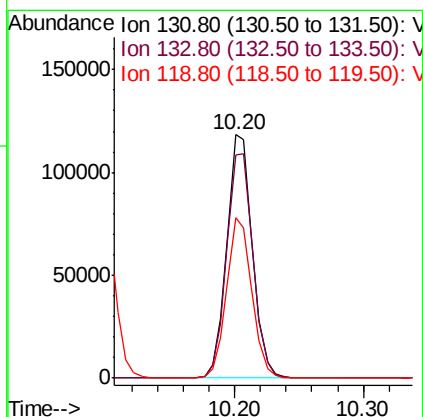
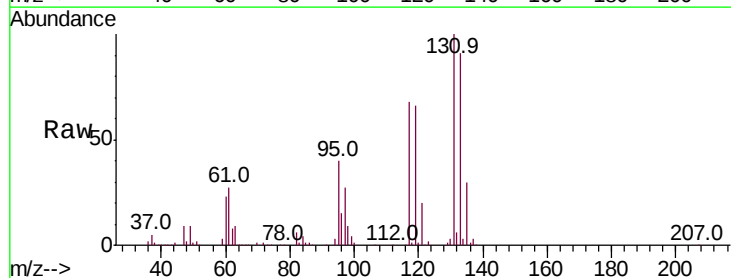
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

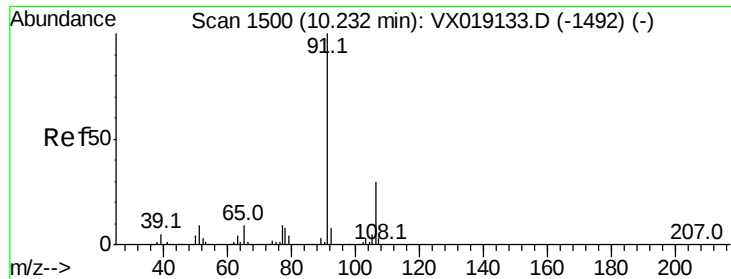
Tot Ion:112 Resp: 443690
Ion Ratio Lower Upper
112 100
114 31.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 53.389 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion:131 Resp: 165323
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.8
119 65.3 32.3 96.9

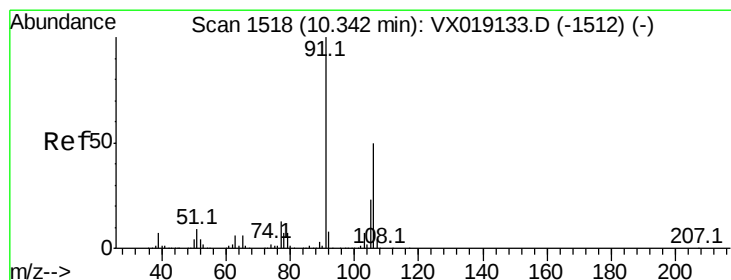
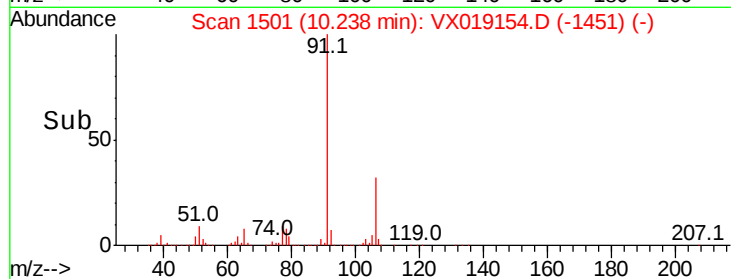
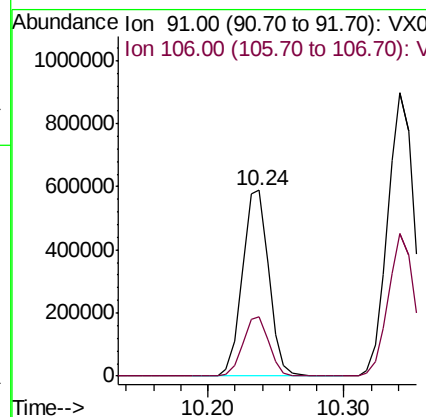
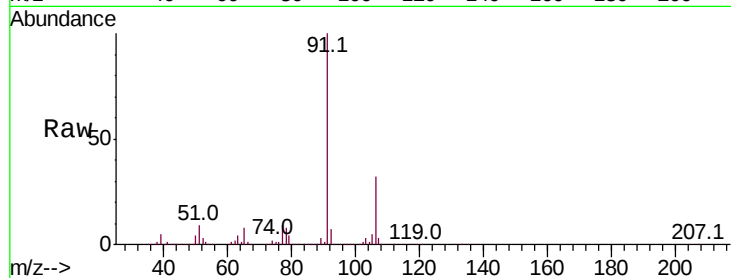




#67
Ethyl Benzene
Concen: 52.148 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

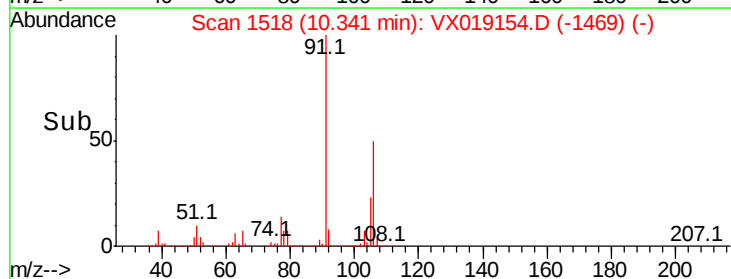
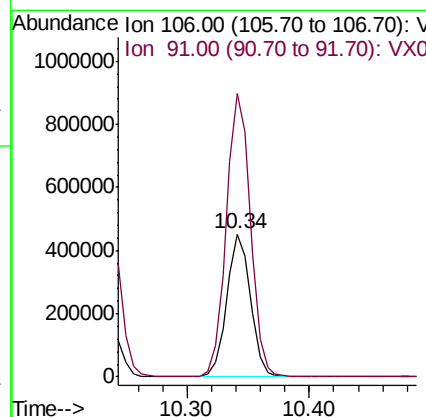
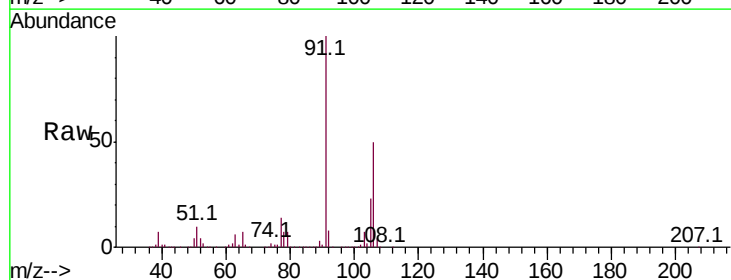
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

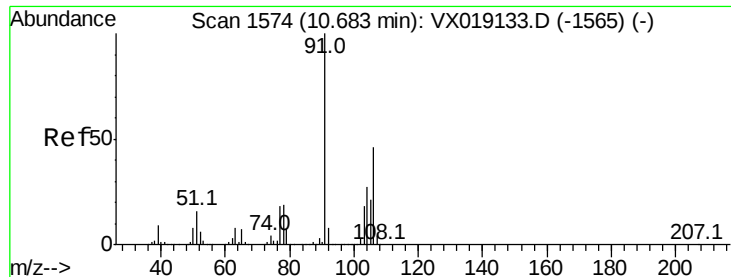
Tot Ion: 91 Resp: 799280
Ion Ratio Lower Upper
91 100
106 31.7 24.3 36.5



#68
m/p-Xylenes
Concen: 105.437 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion: 106 Resp: 606531
Ion Ratio Lower Upper
106 100
91 202.4 161.0 241.4

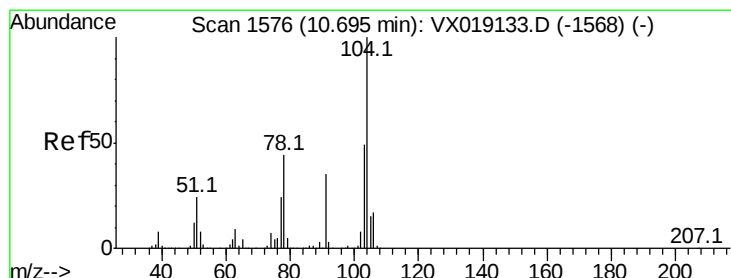
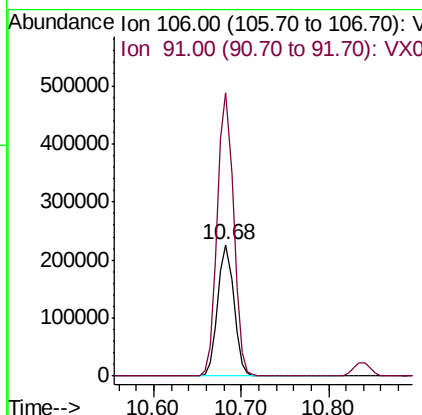
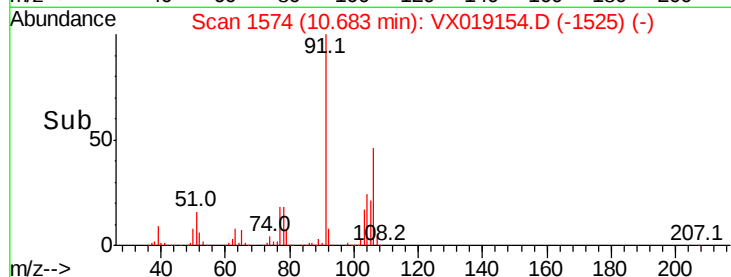
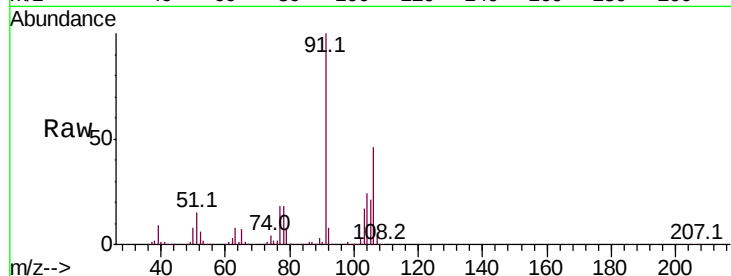




#69
o-Xylene
Concen: 52.953 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

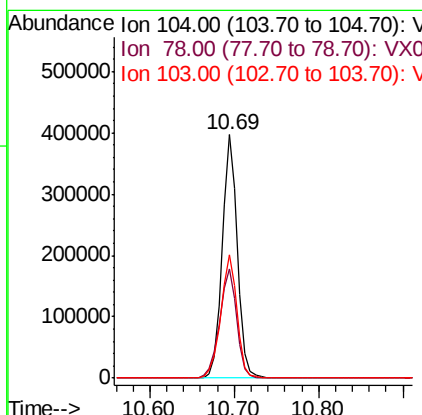
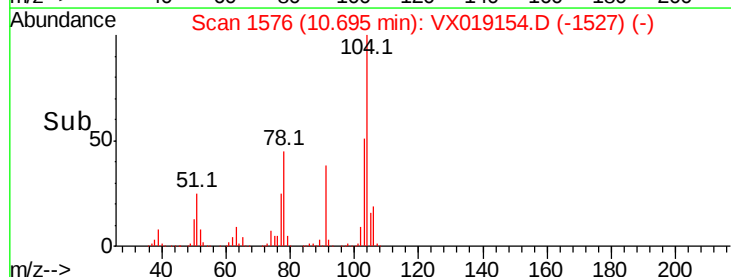
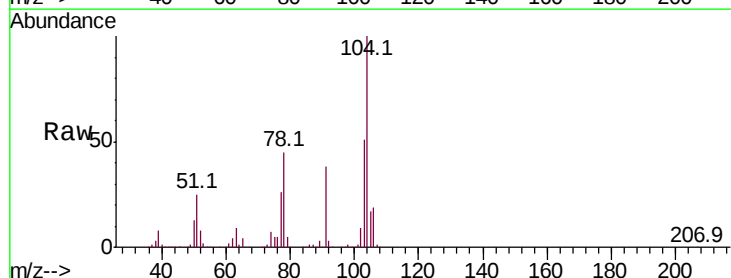
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

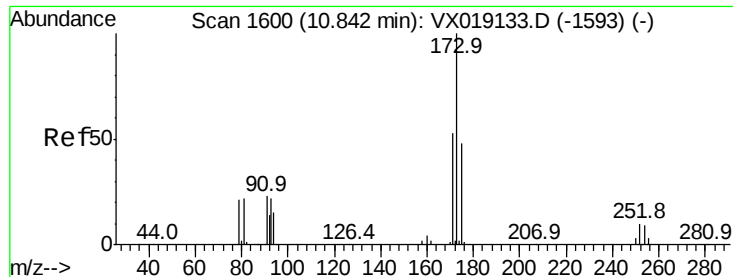
Tot Ion:106 Resp: 288926
Ion Ratio Lower Upper
106 100
91 216.5 108.3 324.8



#70
Styrene
Concen: 52.996 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion:104 Resp: 493379
Ion Ratio Lower Upper
104 100
78 50.7 40.0 60.0
103 54.6 43.5 65.3





#71

Bromoform

Concen: 53.747 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

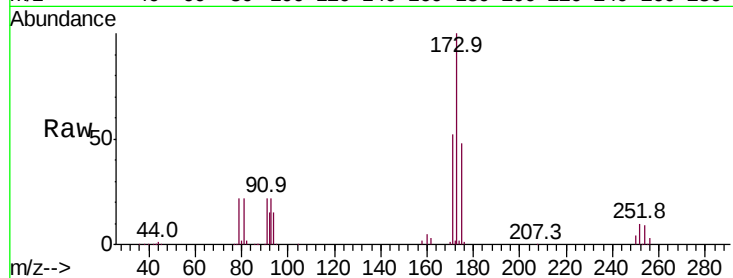
Tot Ion:173 Resp: 131958

Ion Ratio Lower Upper

173 100

175 47.8 24.4 73.4

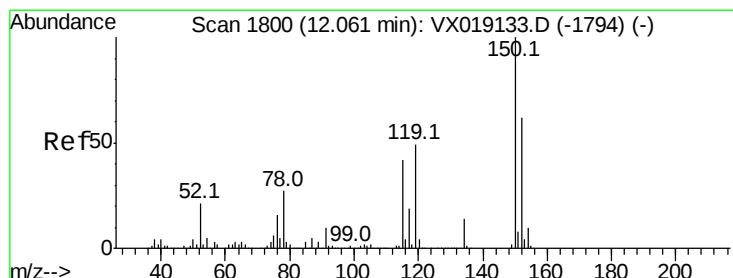
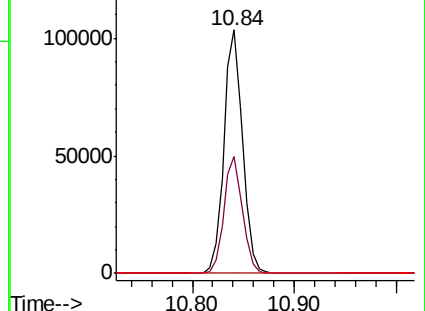
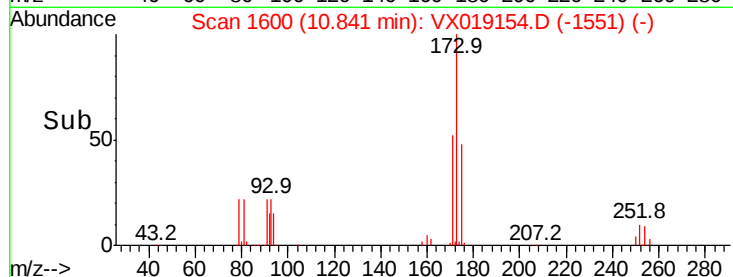
254 0.1 0.1 0.1



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: VX019154.D

Acq: 27 Oct 2020 22:02

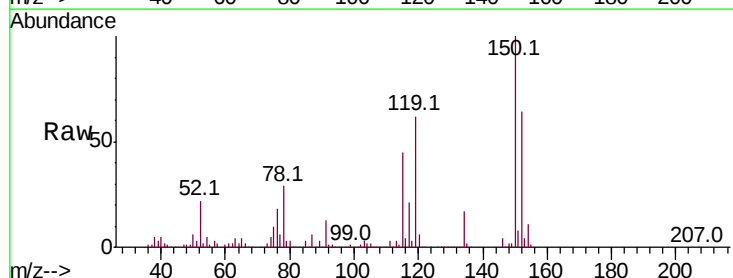
Tgt Ion:152 Resp: 209713

Ion Ratio Lower Upper

152 100

115 85.6 41.9 125.7

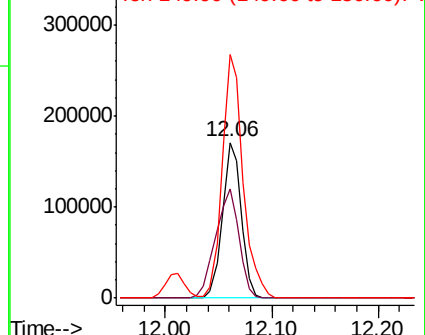
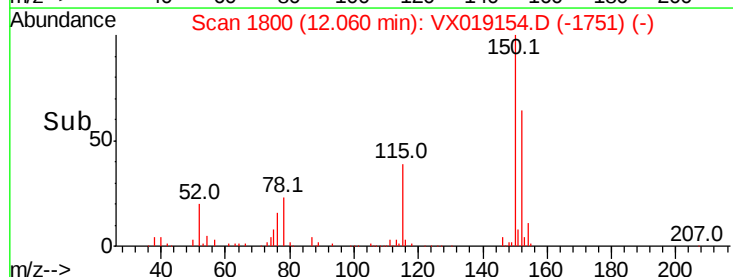
150 173.9 0.0 347.8

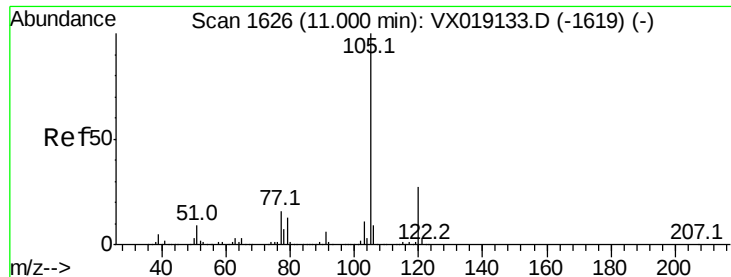


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.418 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

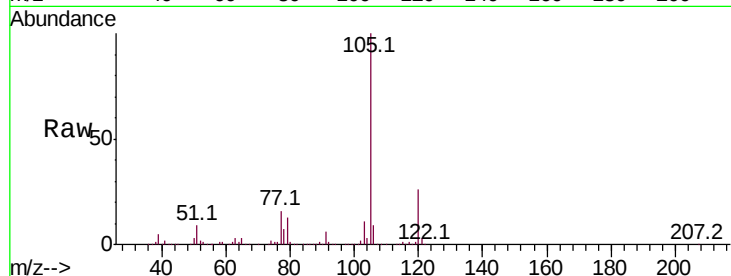
VSTDCCC050EC

Tot Ion:105 Resp: 778128

Ion Ratio Lower Upper

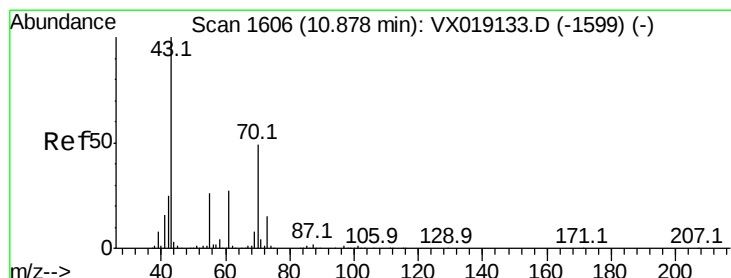
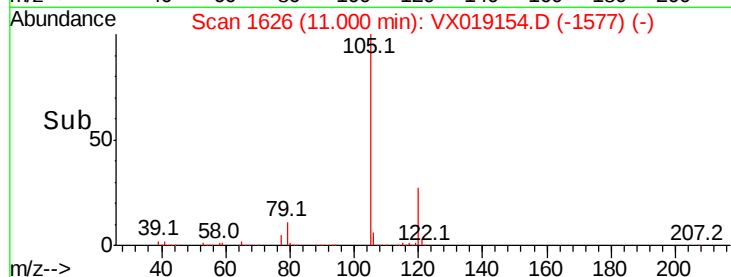
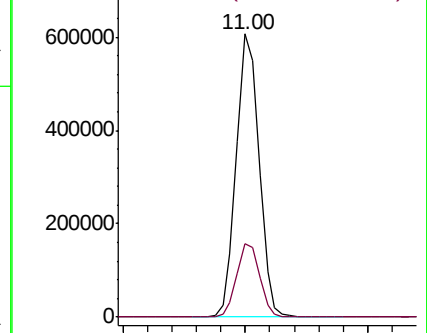
105 100

120 26.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.445 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Tgt Ion: 43 Resp: 300936

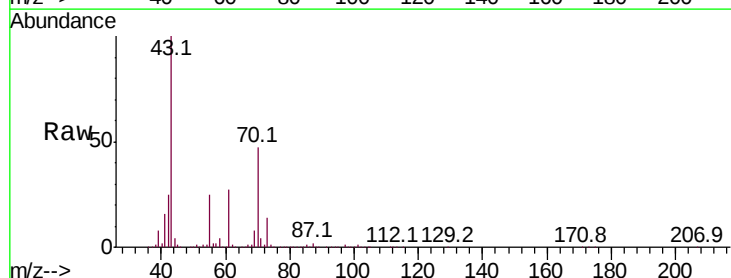
Ion Ratio Lower Upper

43 100

70 49.4 39.6 59.4

55 25.9 20.7 31.1

61 27.0 21.9 32.9

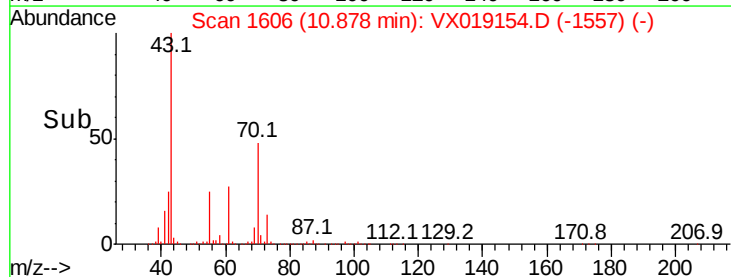
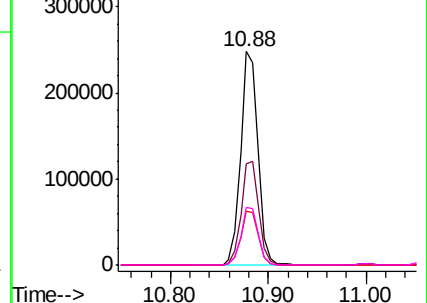


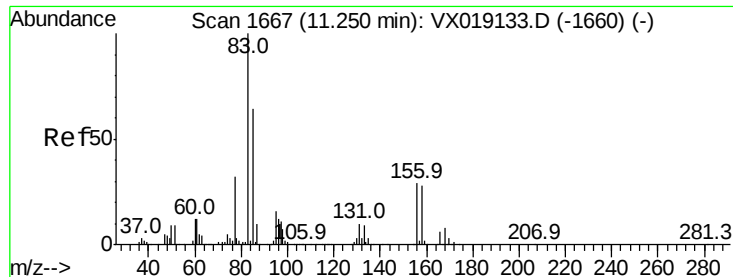
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.489 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

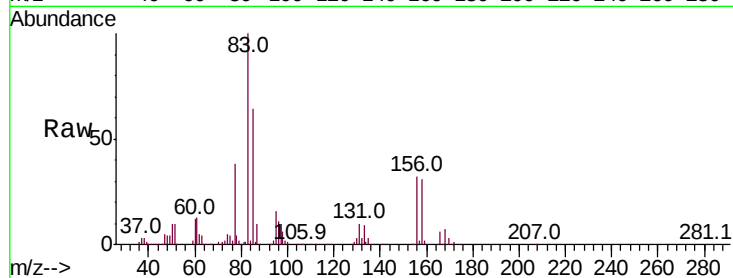
Tot Ion: 83 Resp: 252790

Ion Ratio Lower Upper

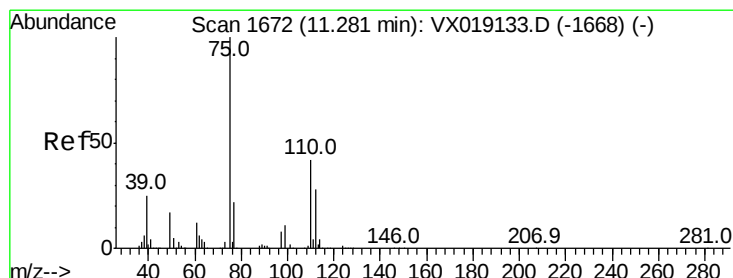
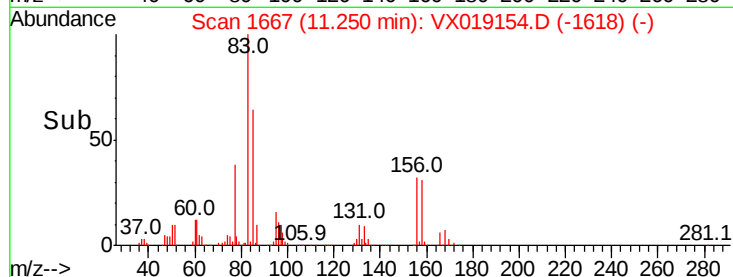
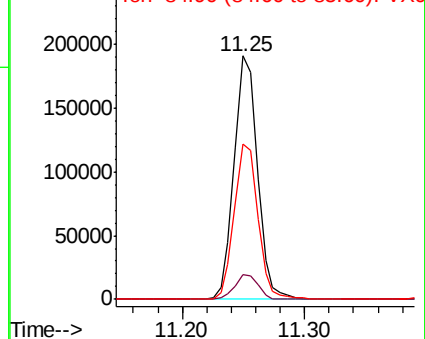
83 100

131 10.2 5.2 15.6

85 64.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.035 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019154.D

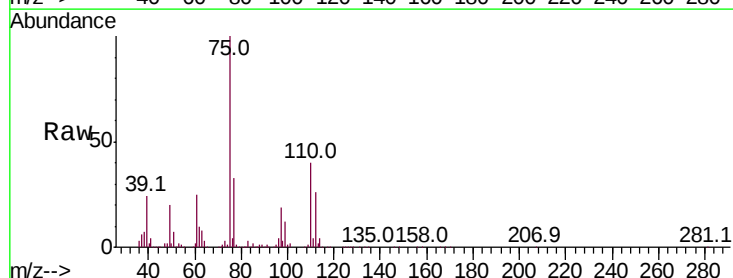
Acq: 27 Oct 2020 22:02

Tgt Ion: 75 Resp: 294601

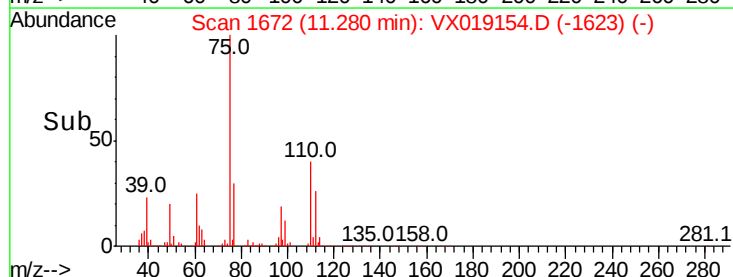
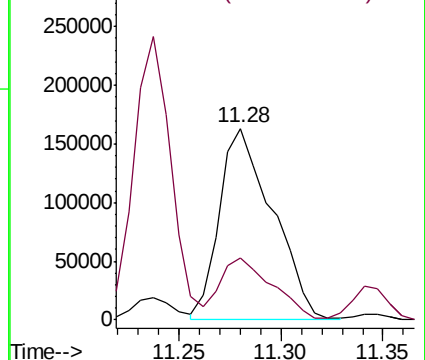
Ion Ratio Lower Upper

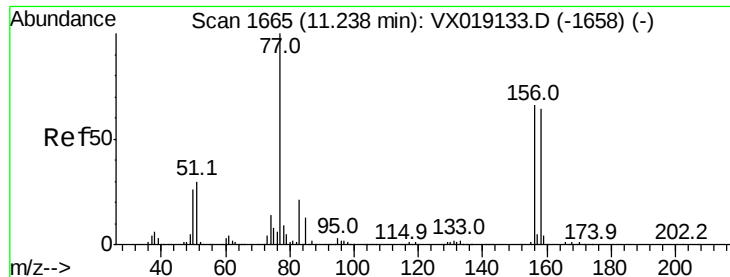
75 100

77 31.8 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.202 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

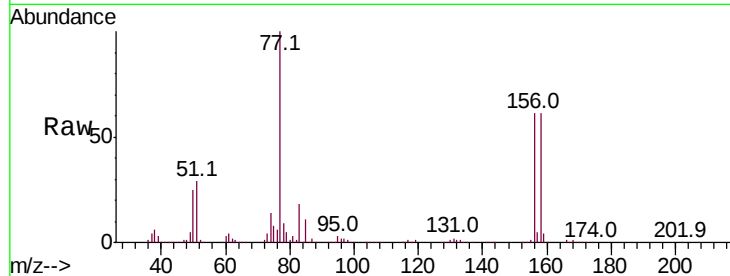
Tot Ion:156 Resp: 188638

Ion Ratio Lower Upper

156 100

77 162.8 77.7 233.1

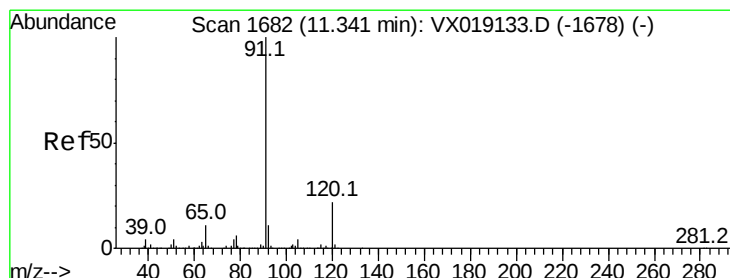
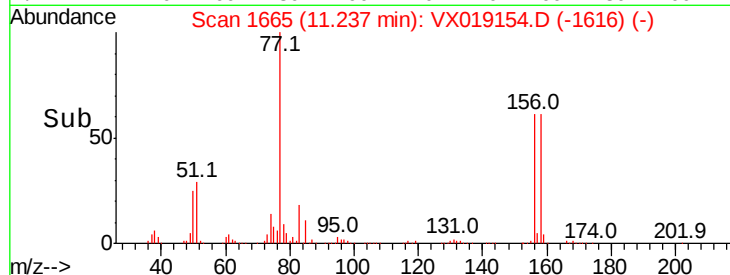
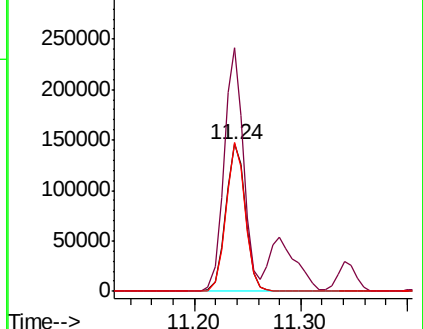
158 98.2 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.692 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019154.D

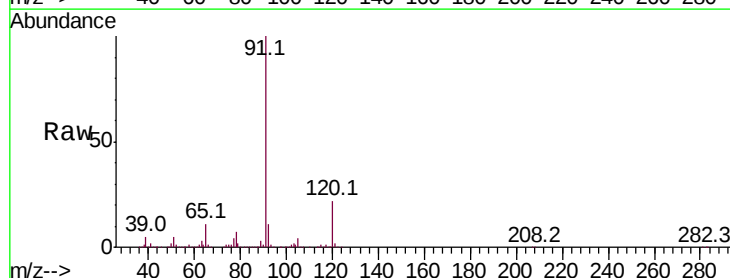
Acq: 27 Oct 2020 22:02

Tgt Ion: 91 Resp: 875958

Ion Ratio Lower Upper

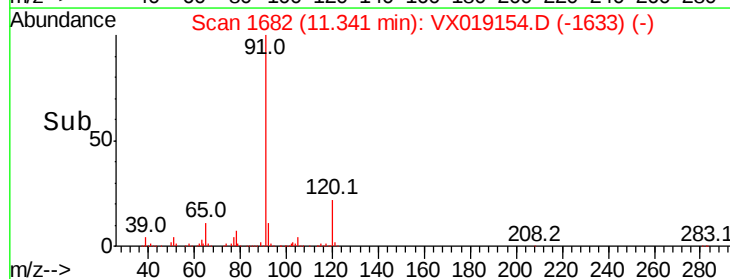
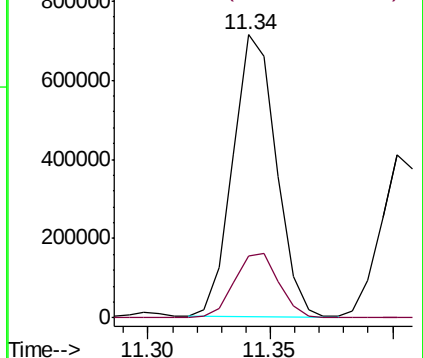
91 100

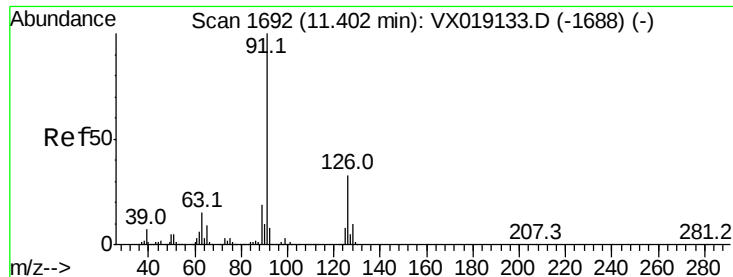
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

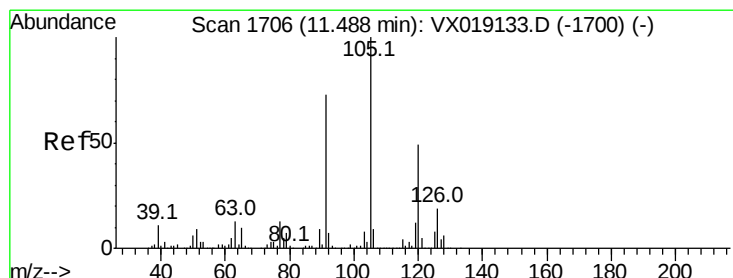
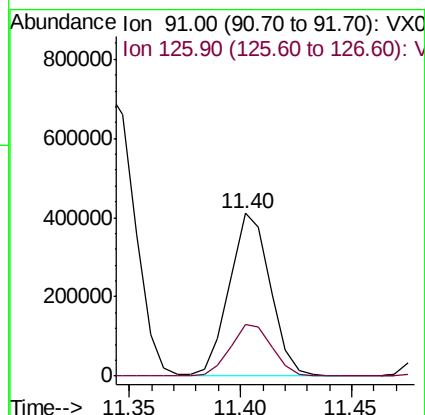
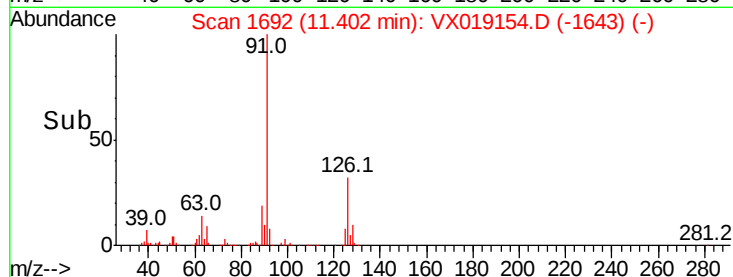
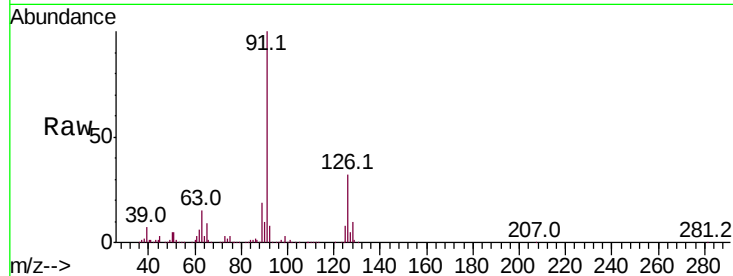




#79
 2-Chlorotoluene
 Concen: 52.448 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

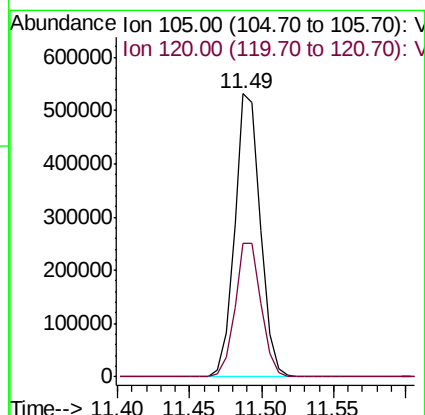
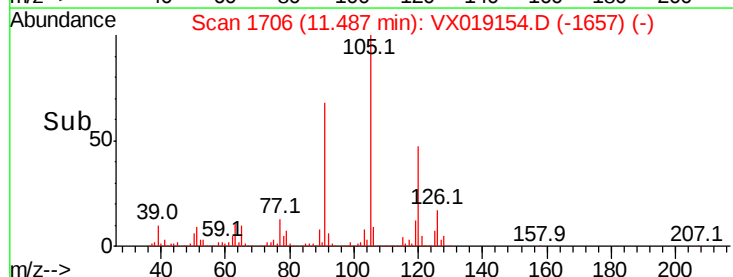
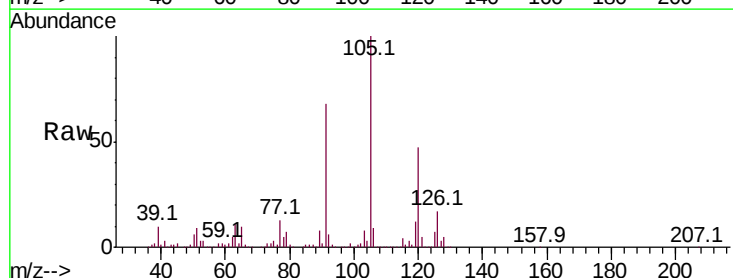
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

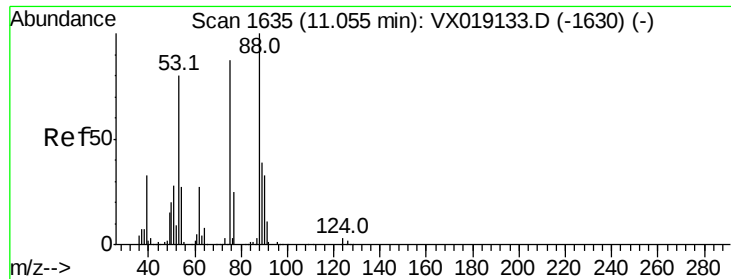
Tot Ion: 91 Resp: 523249
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 52.727 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Tgt Ion: 105 Resp: 661234
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.590 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

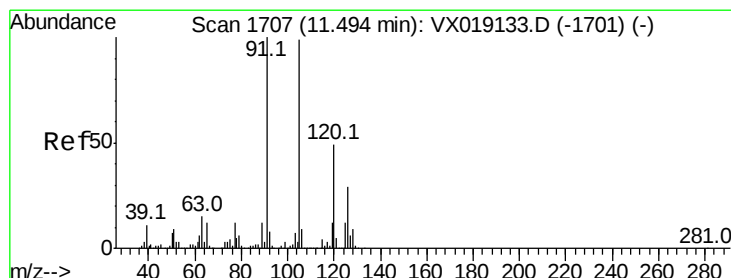
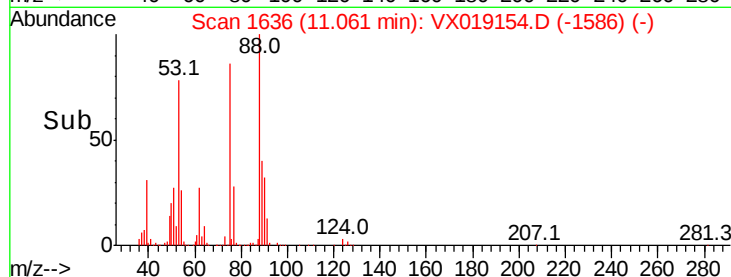
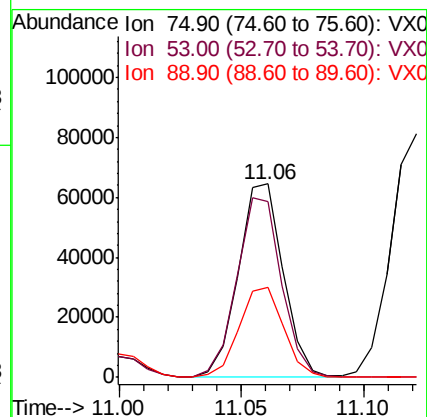
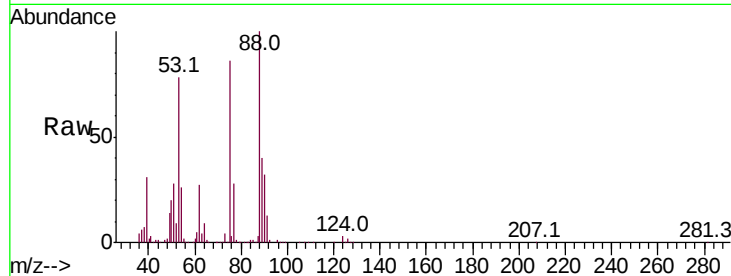
Tot Ion: 75 Resp: 81554

Ion Ratio Lower Upper

75 100

53 94.3 73.3 109.9

89 46.7 38.2 57.2



#82

4-Chlorotoluene

Concen: 50.699 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019154.D

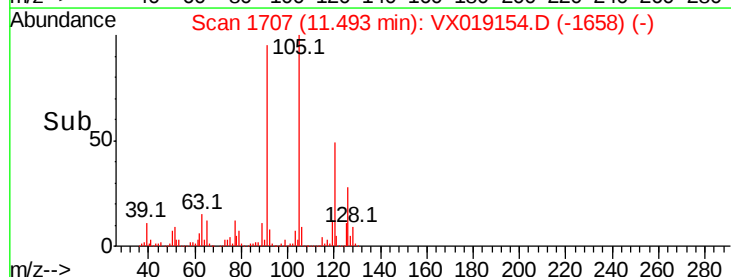
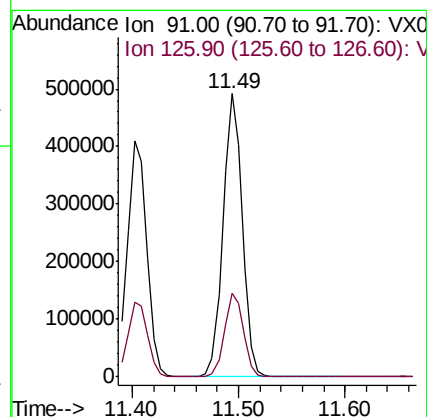
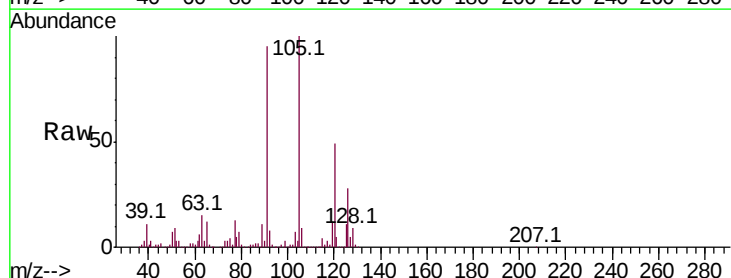
Acq: 27 Oct 2020 22:02

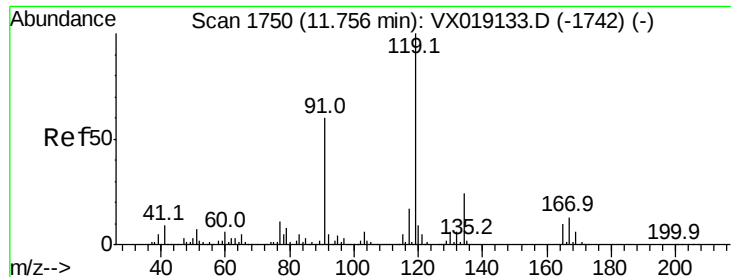
Tgt Ion: 91 Resp: 617652

Ion Ratio Lower Upper

91 100

126 29.3 14.8 44.4

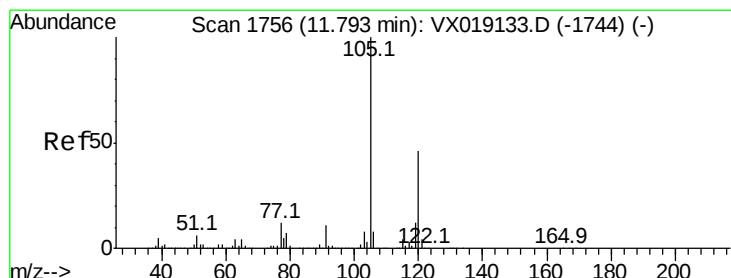
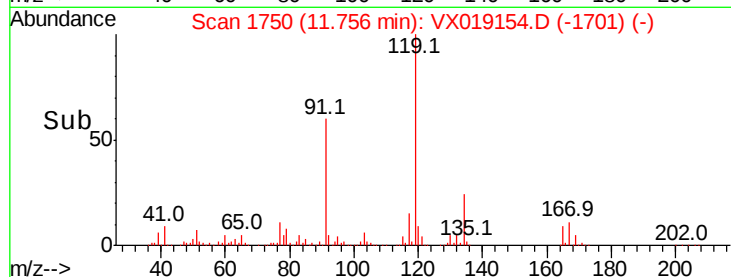
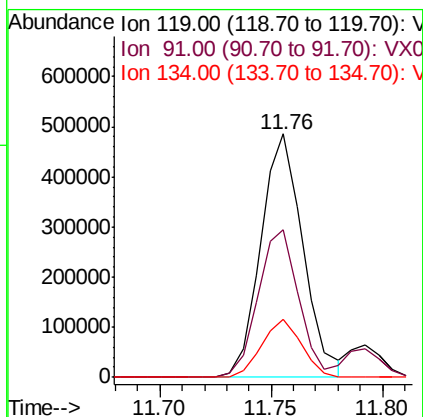
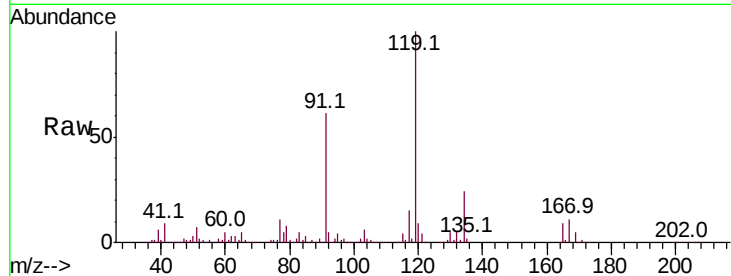




#83
 tert-Butylbenzene
 Concen: 53.190 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

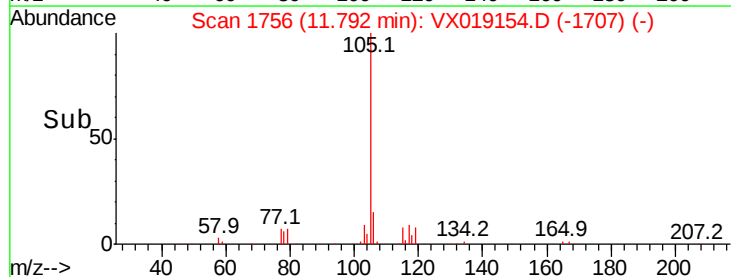
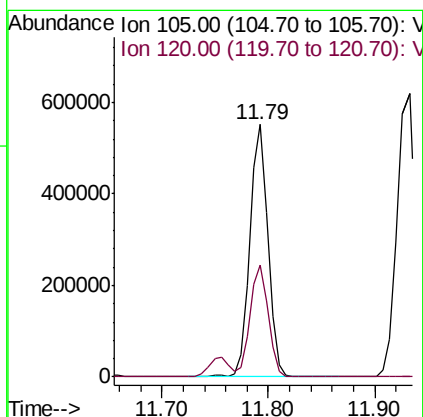
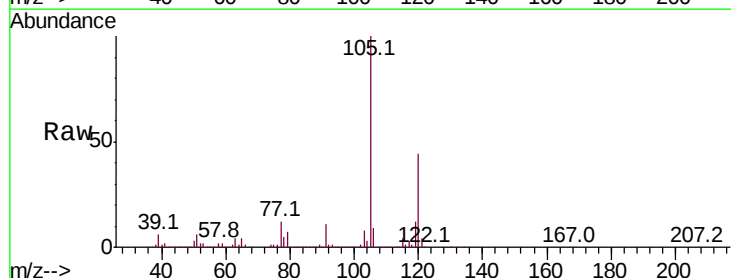
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

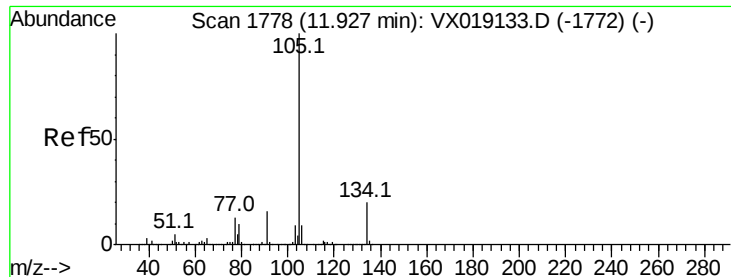
Tot Ion:119 Resp: 638678
 Ion Ratio Lower Upper
 119 100
 91 58.4 29.0 87.1
 134 22.9 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 52.090 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Tgt Ion:105 Resp: 659480
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.3





#85

sec-Butylbenzene

Concen: 52.451 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

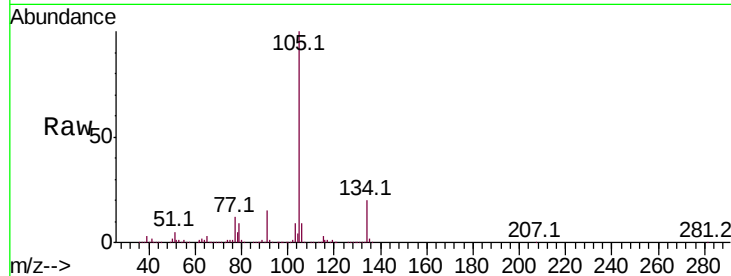
VSTDCCC050EC

Tot Ion:105 Resp: 755374

Ion Ratio Lower Upper

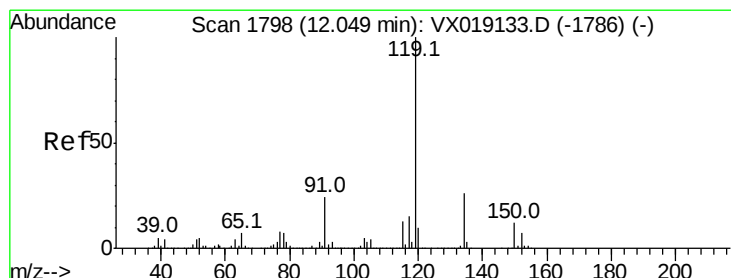
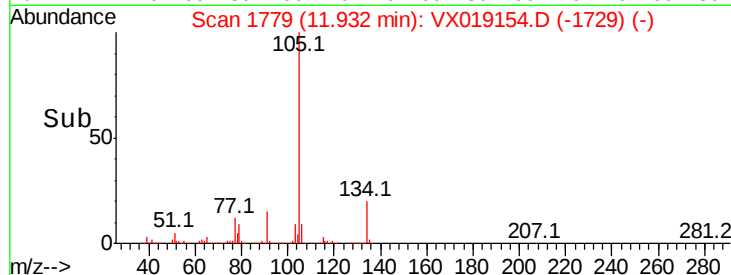
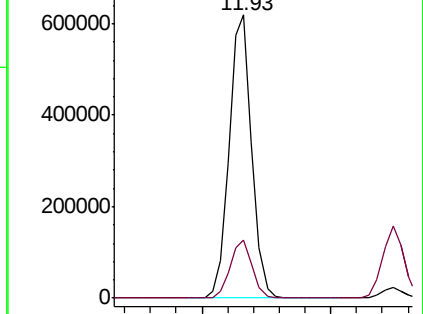
105 100

134 20.0 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.540 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

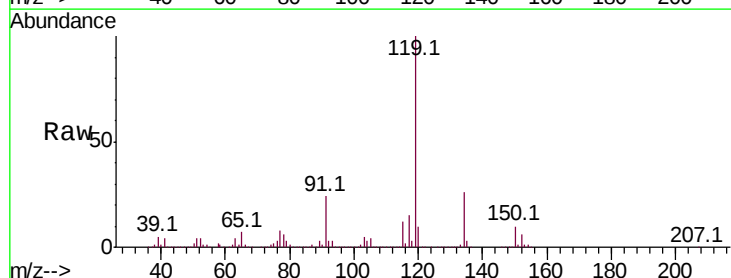
Tgt Ion:119 Resp: 685101

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.7

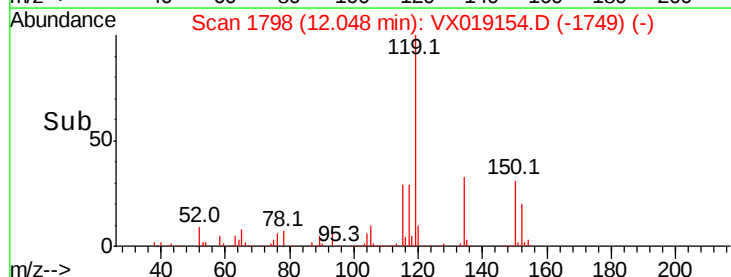
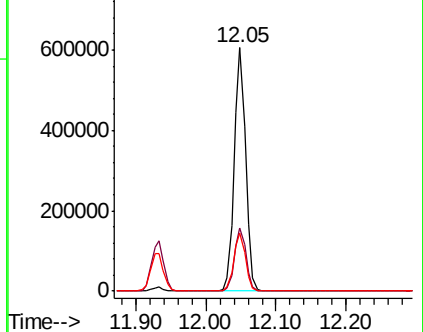
91 24.3 12.0 36.0

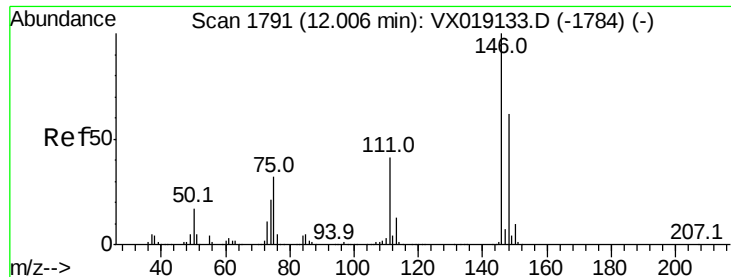


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

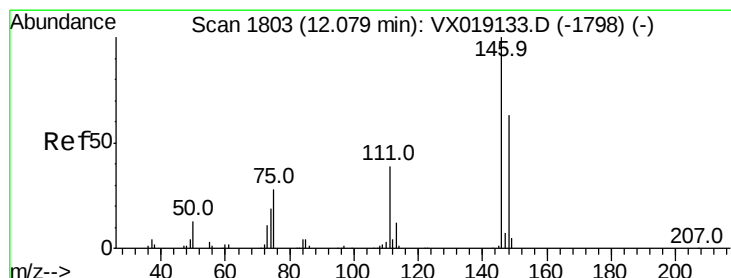
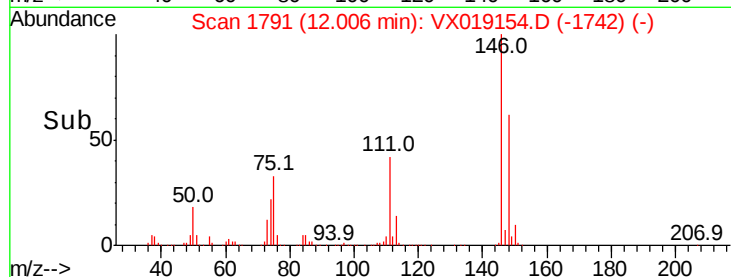
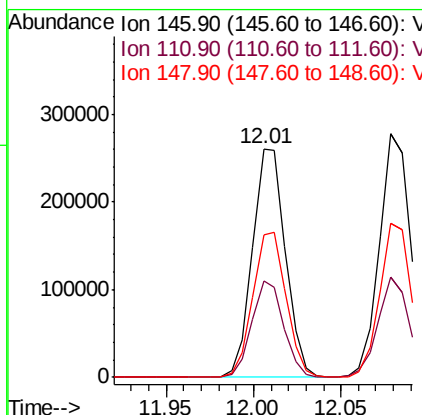
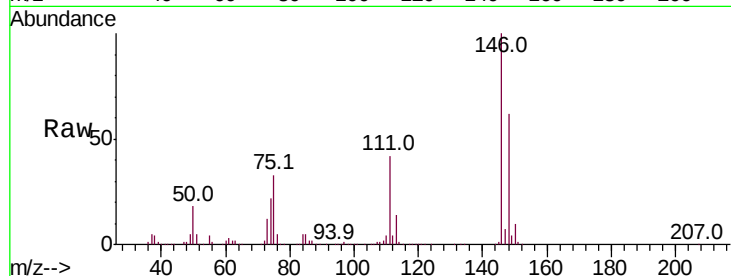




#87
 1,3-Dichlorobenzene
 Concen: 49.985 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

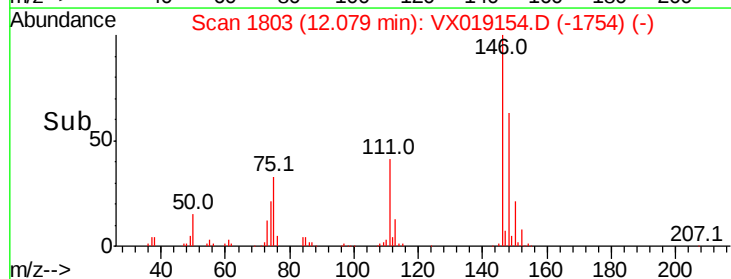
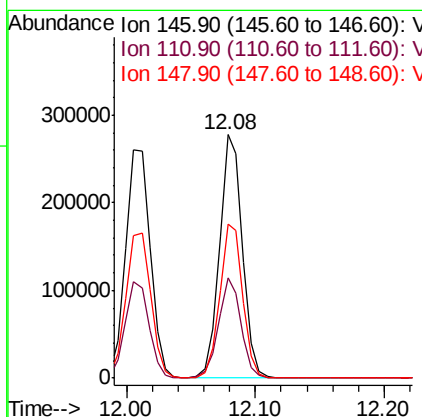
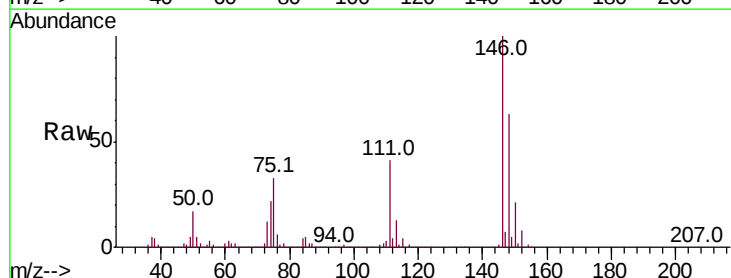
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

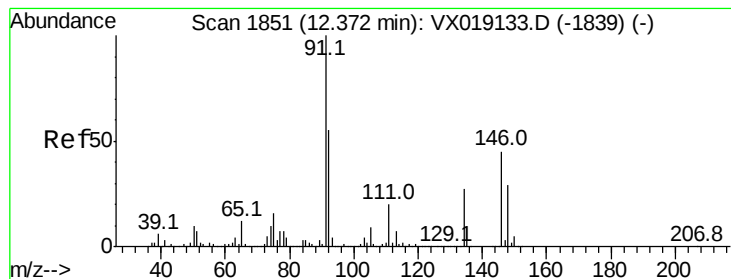
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.2
148	63.7	31.6	94.8



#88
 1,4-Dichlorobenzene
 Concen: 48.404 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019154.D
 Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.2	60.5
148	63.7	31.3	93.8





#89

n-Butylbenzene

Concen: 50.168 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

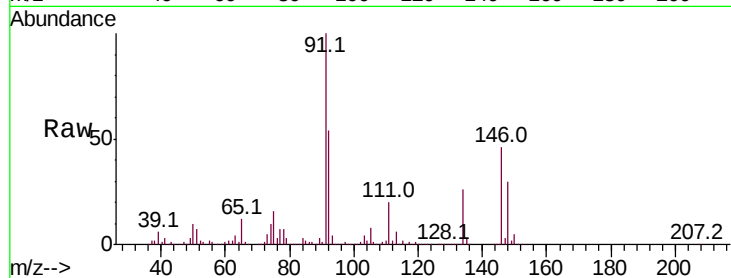
Tot Ion: 91 Resp: 626833

Ion Ratio Lower Upper

91 100

92 53.7 27.5 82.4

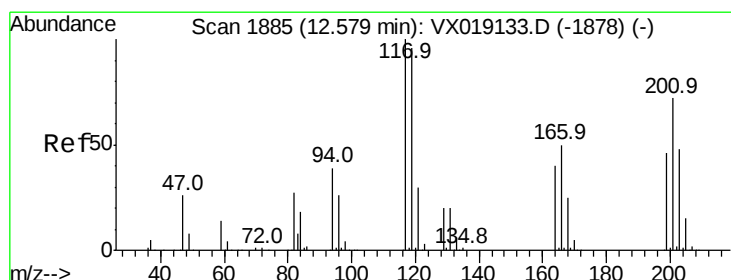
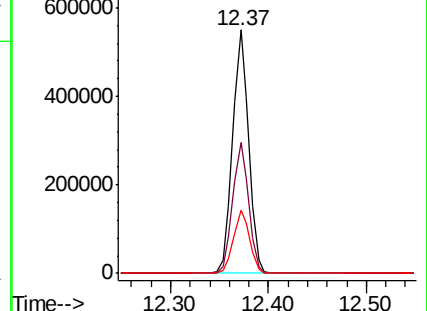
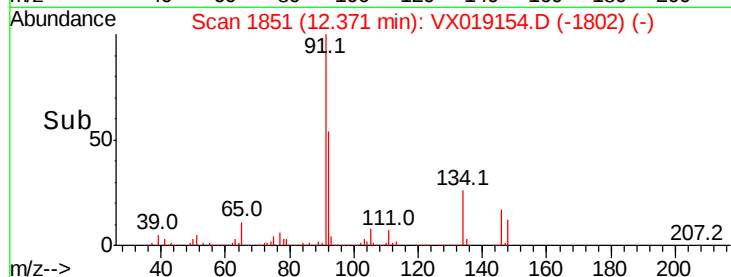
134 26.1 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 53.192 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019154.D

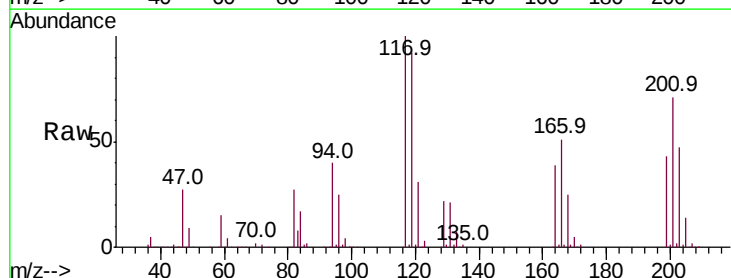
Acq: 27 Oct 2020 22:02

Tgt Ion: 117 Resp: 120182

Ion Ratio Lower Upper

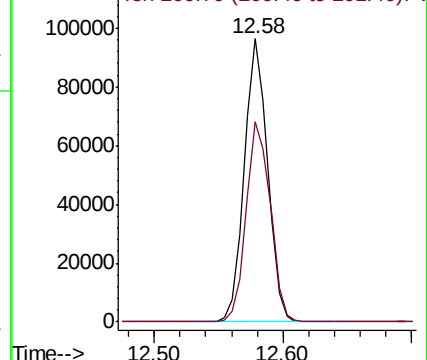
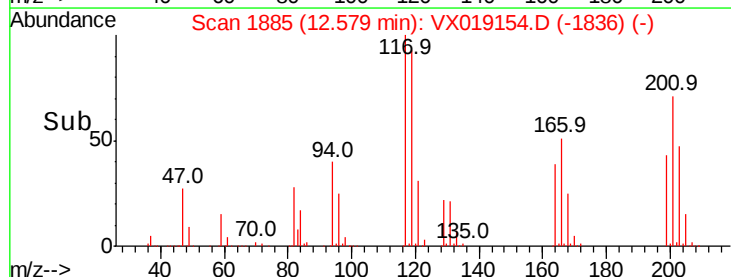
117 100

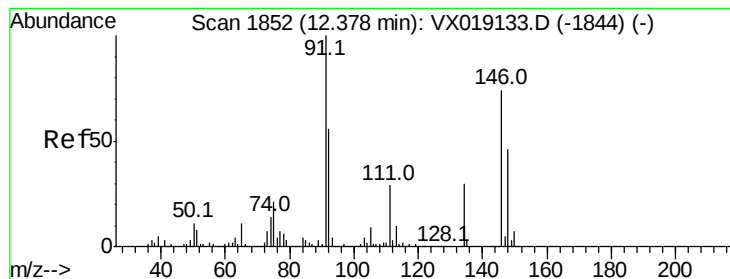
201 73.1 38.5 115.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 51.532 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

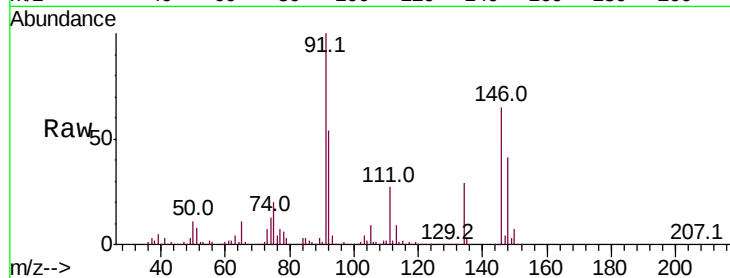
Tot Ion:146 Resp: 339501

Ion Ratio Lower Upper

146 100

111 42.2 21.2 63.6

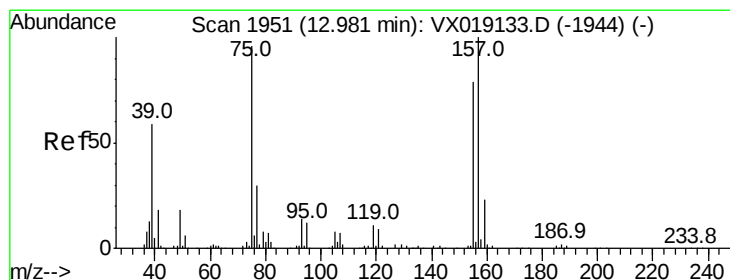
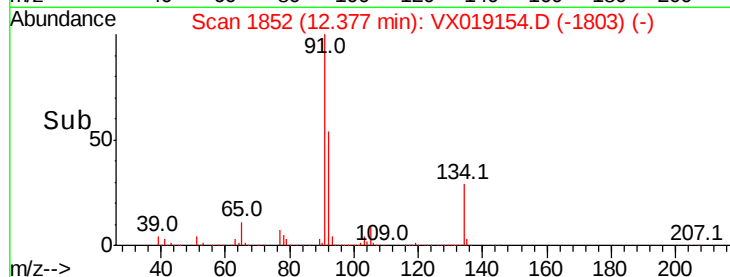
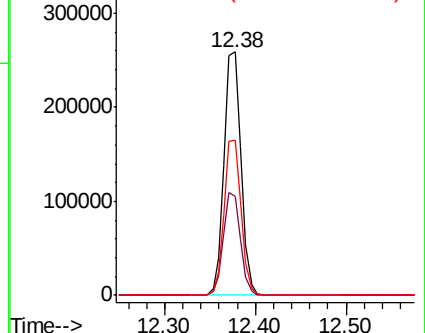
148 63.5 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.382 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019154.D

Acq: 27 Oct 2020 22:02

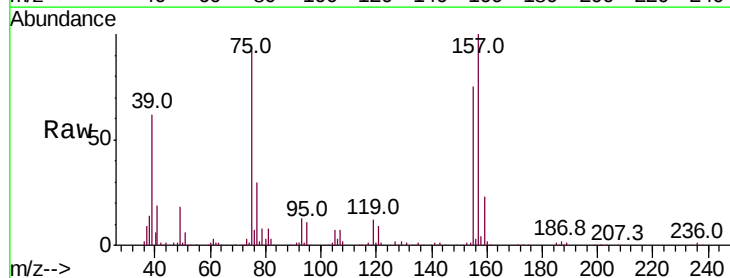
Tgt Ion: 75 Resp: 59491

Ion Ratio Lower Upper

75 100

155 86.8 42.8 128.4

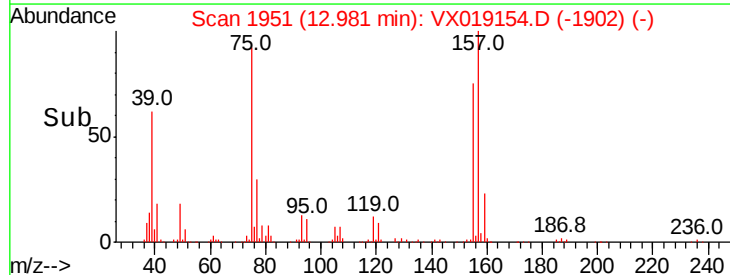
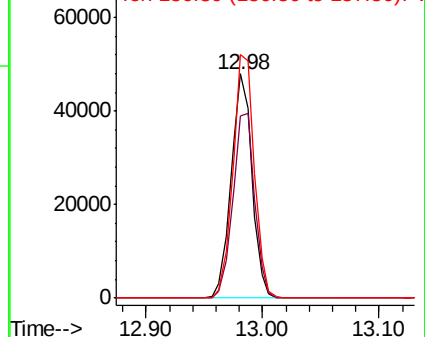
157 112.0 54.8 164.4

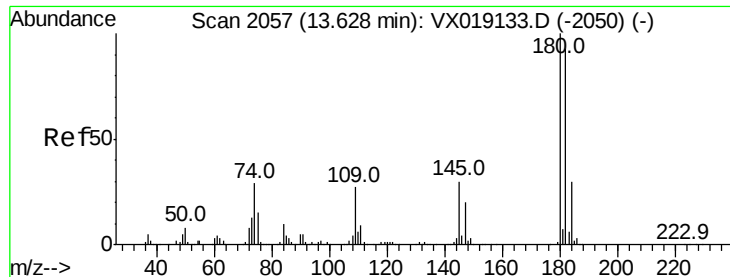


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

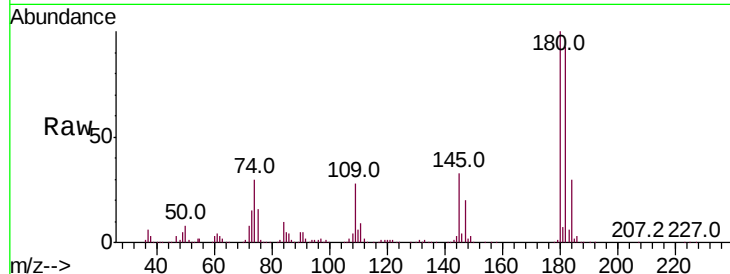




#93
1,2,4-Trichlorobenzene
Concen: 46.744 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.8	140.3
145	31.6	15.5	46.5

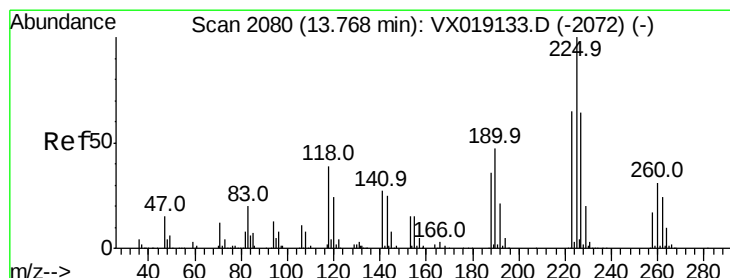
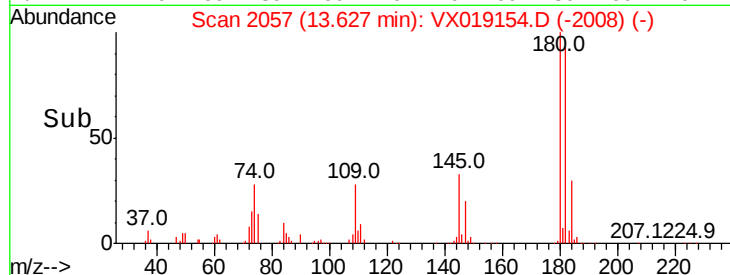
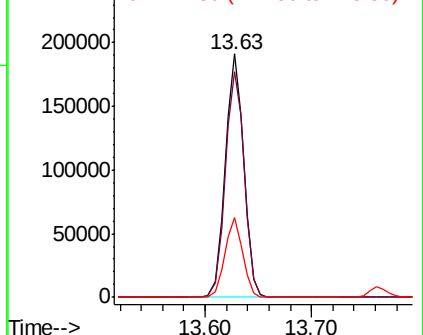


Abundance

Ion 179.80 (179.50 to 180.50): V

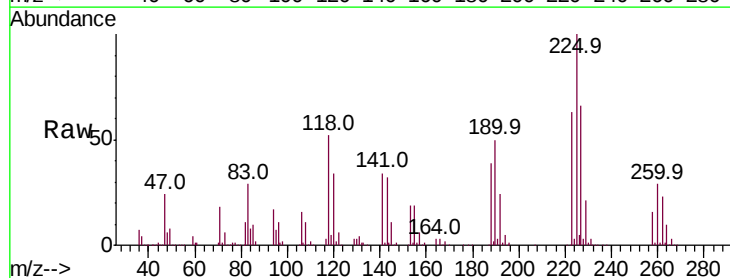
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 45.253 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	32.4	97.2
227	64.6	31.6	94.7

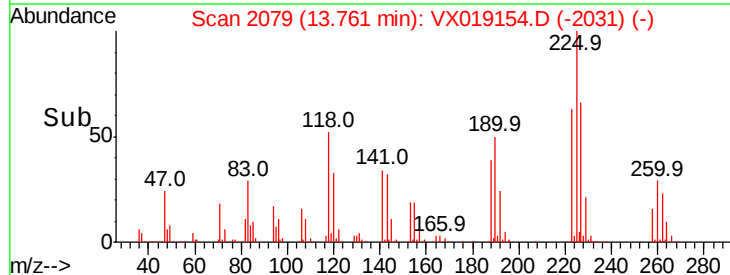
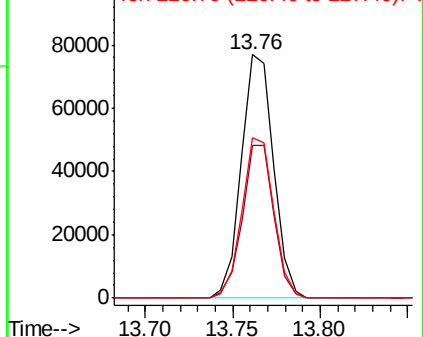


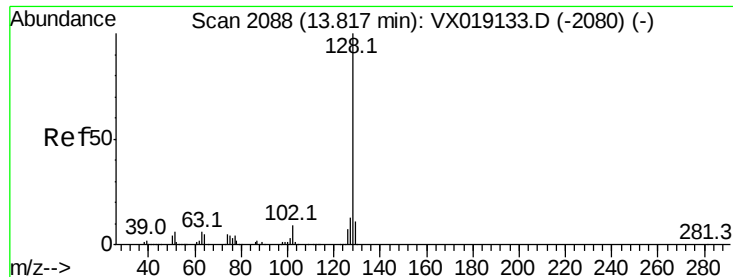
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

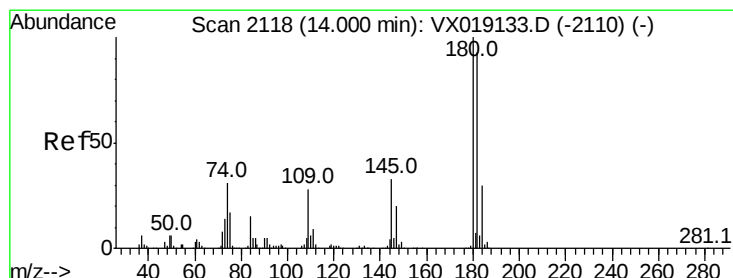
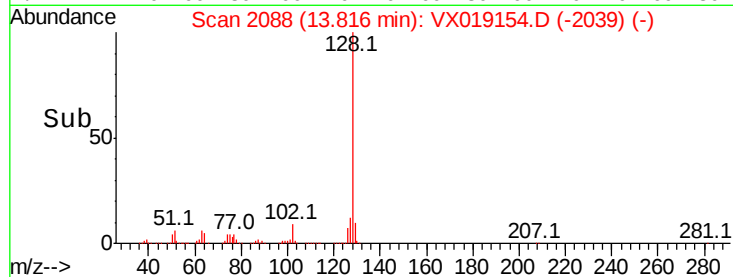
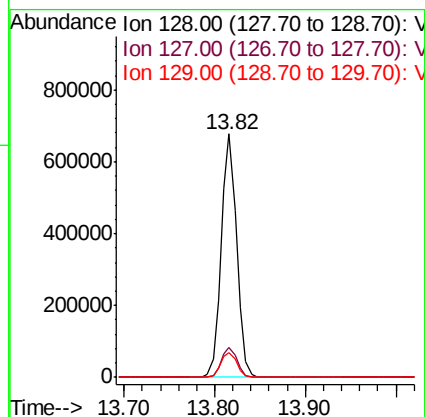
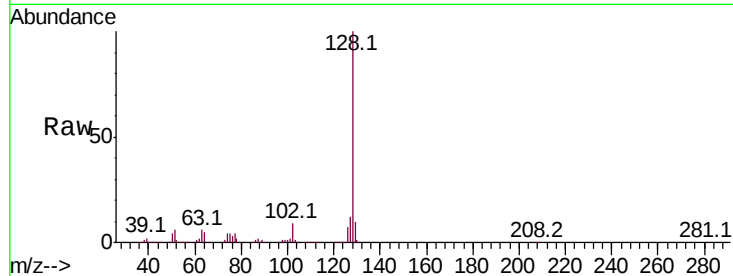




#95
Naphthalene
Concen: 51.507 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 802770
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.648 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019154.D
Acq: 27 Oct 2020 22:02

Tgt Ion:180 Resp: 228746
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.3
145 33.7 16.5 49.5

