

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110420\
 Data File : VX019235.D
 Acq On : 03 Nov 2020 15:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 04 02:22:06 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	291315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	477048	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	435921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199739	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	185854	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
35) Dibromofluoromethane	5.46	113	146420	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
50) Toluene-d8	8.70	98	572928	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.12	95	202163	47.26	ug/l	0.00
Spiked Amount			Recovery	=	94.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	128574	52.942	ug/l	98
3) Chloromethane	1.31	50	151146	55.707	ug/l	100
4) Vinyl Chloride	1.39	62	167412	53.205	ug/l	99
5) Bromomethane	1.64	94	125620	58.459	ug/l	100
6) Chloroethane	1.71	64	111690	55.595	ug/l	98
7) Trichlorofluoromethane	1.92	101	260332	52.663	ug/l	97
8) Diethyl Ether	2.17	74	102347	53.947	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	147234	53.735	ug/l	99
10) Methyl Iodide	2.49	142	150991	47.109	ug/l	98
11) Tert butyl alcohol	3.03	59	157699	212.522	ug/l	100
12) 1,1-Dichloroethene	2.35	96	142756	50.560	ug/l	99
13) Acrolein	2.27	56	108362	324.891	ug/l	99
14) Allyl chloride	2.71	41	229434	53.649	ug/l	99
15) Acrylonitrile	3.11	53	411239	263.736	ug/l	100
16) Acetone	2.42	43	337745	260.594	ug/l	100
17) Carbon Disulfide	2.55	76	401483	49.886	ug/l	100
18) Methyl Acetate	2.75	43	166639	52.874	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	522530	53.412	ug/l	99
20) Methylene Chloride	2.83	84	165966	51.007	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	164693	50.682	ug/l	96
22) Diisopropyl ether	3.82	45	483037	56.656	ug/l	92
23) Vinyl Acetate	3.78	43	2116913	278.432	ug/l	98
24) 1,1-Dichloroethane	3.67	63	288343	54.167	ug/l	100
25) 2-Butanone	4.63	43	549179	268.864	ug/l	97
26) 2,2-Dichloropropane	4.55	77	268016	53.557	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	187352	51.595	ug/l	96
28) Bromochloromethane	4.98	49	125921	52.034	ug/l	95
29) Tetrahydrofuran	5.09	42	348623	270.833	ug/l	97
30) Chloroform	5.17	83	306890	54.162	ug/l	99
31) Cyclohexane	5.54	56	254509	53.593	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	277168	53.955	ug/l	99
36) 1,1-Dichloropropene	5.77	75	232702	52.825	ug/l	99
37) Ethyl Acetate	4.79	43	219480	53.661	ug/l	99
38) Carbon Tetrachloride	5.75	117	238997	53.226	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	286572	54.406	ug/l	99
40) Benzene	6.11	78	677222	54.221	ug/l	99
41) Methacrylonitrile	5.00	41	116939	53.090	ug/l	99
42) 1,2-Dichloroethane	6.16	62	249913	54.291	ug/l	100
43) Isopropyl Acetate	6.41	43	366602	53.530	ug/l	99
44) Trichloroethene	7.18	130	185282	51.797	ug/l	94
45) 1,2-Dichloropropane	7.49	63	170355	55.685	ug/l	99
46) Dibromomethane	7.63	93	120865	53.428	ug/l	97
47) Bromodichloromethane	7.87	83	248485	55.727	ug/l	100
48) Methyl methacrylate	7.74	41	180492	54.756	ug/l	98
49) 1,4-Dioxane	7.73	88	68283	931.484	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1078939	274.106	ug/l	99
52) Toluene	8.76	92	439139	54.589	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	277818	54.550	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	293196	54.747	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	172342	54.222	ug/l	98
56) Ethyl methacrylate	9.16	69	265174	55.234	ug/l	98
57) 1,3-Dichloropropane	9.35	76	296038	55.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	728434	271.302	ug/l	97
59) 2-Hexanone	9.47	43	826317	275.781	ug/l	99
60) Dibromochloromethane	9.56	129	186327	54.017	ug/l	98
61) 1,2-Dibromoethane	9.65	107	182831	53.792	ug/l	99
64) Tetrachloroethene	9.32	164	176535	53.153	ug/l	99
65) Chlorobenzene	10.12	112	462334	51.890	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	170270	53.084	ug/l	99
67) Ethyl Benzene	10.23	91	834375	52.554	ug/l	100
68) m/p-Xylenes	10.34	106	620837	104.189	ug/l	98
69) o-Xylene	10.68	106	291288	51.539	ug/l	100
70) Styrene	10.69	104	496243	51.460	ug/l	100
71) Bromoform	10.84	173	121506	47.778	ug/l #	99
73) Isopropylbenzene	11.00	105	802762	56.778	ug/l	100
74) N-amyl acetate	10.88	43	287861	55.685	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	230848	52.244	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	276264	66.986	ug/l	86
77) Bromobenzene	11.24	156	185892	52.976	ug/l	95
78) n-propylbenzene	11.34	91	911534	56.478	ug/l	99
79) 2-Chlorotoluene	11.40	91	526311	55.389	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	652526	54.631	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	81103	51.778	ug/l	97
82) 4-Chlorotoluene	11.49	91	622740	53.669	ug/l	99
83) tert-Butylbenzene	11.76	119	618382	54.071	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	658203	54.585	ug/l	99
85) sec-Butylbenzene	11.93	105	757679	55.238	ug/l	100
86) p-Isopropyltoluene	12.05	119	695187	54.910	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	333187	50.987	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	334864	49.228	ug/l	98
89) n-Butylbenzene	12.37	91	645854	54.272	ug/l	99
90) Hexachloroethane	12.58	117	117499	54.602	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	317273	50.563	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53012	49.008	ug/l	98

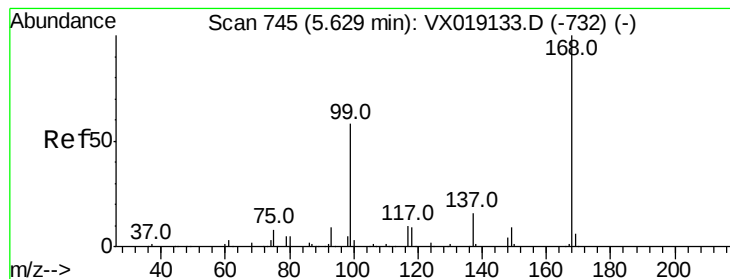
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	223031	47.320	ug/l	94
94) Hexachlorobutadiene	13.76	225	101951	49.138	ug/l	98
95) Naphthalene	13.82	128	736393	49.607	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	222879	48.745	ug/l	98

(#) = 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: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

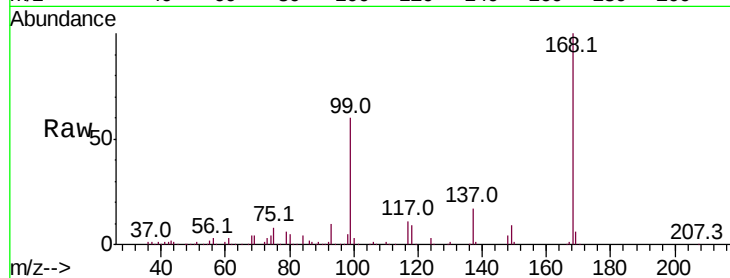
VSTDCCC050

Tot Ion:168 Resp: 291315

Ion Ratio Lower Upper

168 100

99 59.5 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

120000

100000

80000

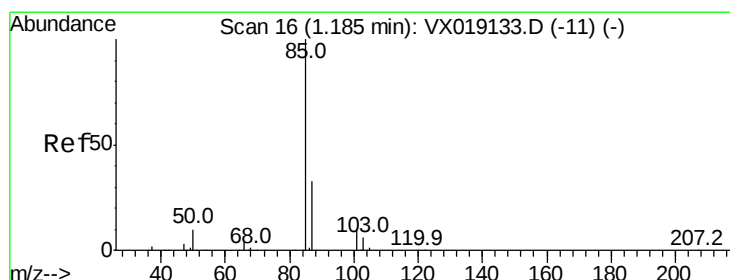
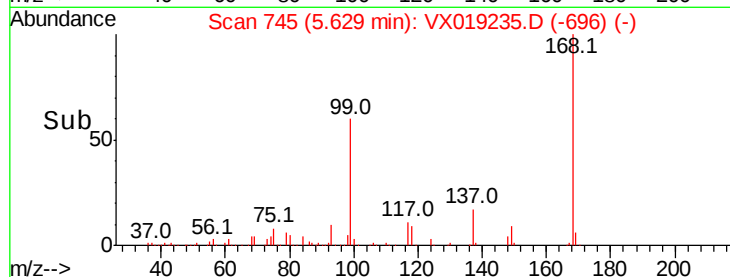
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.942 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019235.D

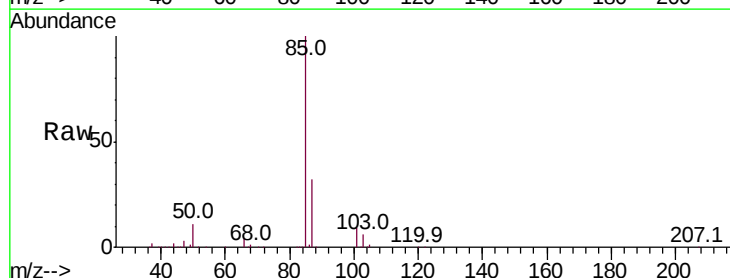
Acq: 03 Nov 2020 15:54

Tgt Ion: 85 Resp: 128574

Ion Ratio Lower Upper

85 100

87 32.0 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

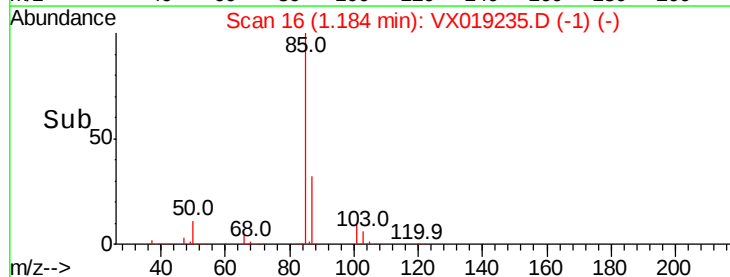
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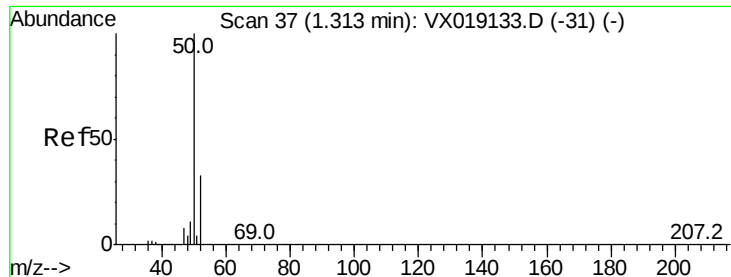
100000

50000

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Time-->





#3

Chloromethane

Concen: 55.707 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

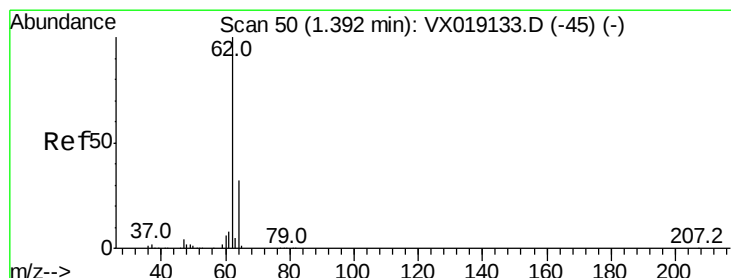
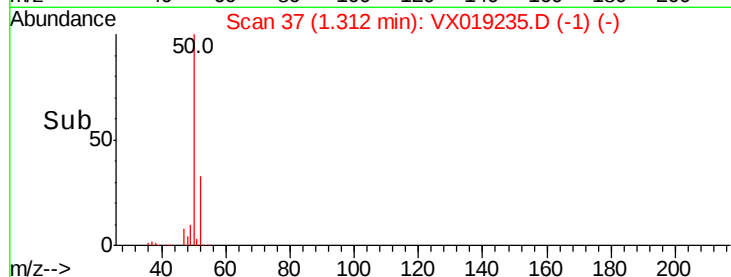
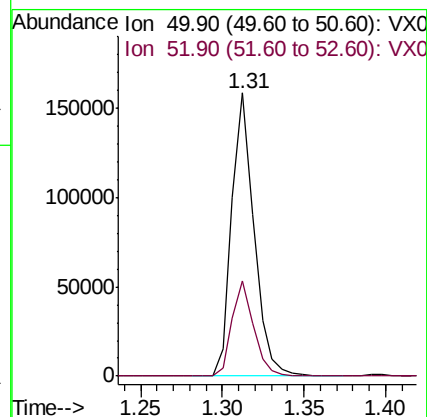
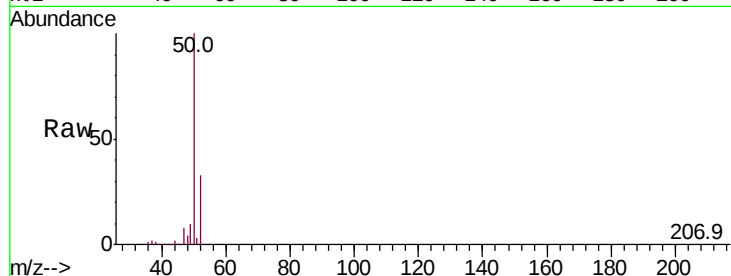
VSTDCCC050

Tot Ion: 50 Resp: 151146

Ion Ratio Lower Upper

50 100

52 33.5 26.8 40.2



#4

Vinyl Chloride

Concen: 53.205 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019235.D

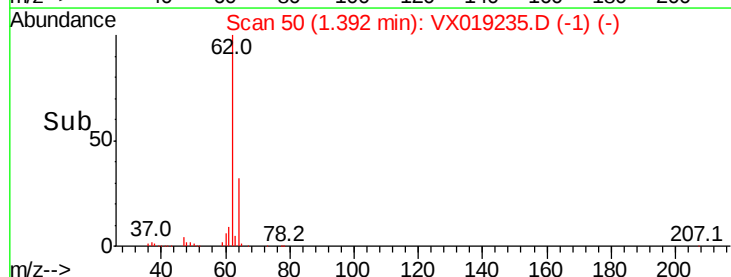
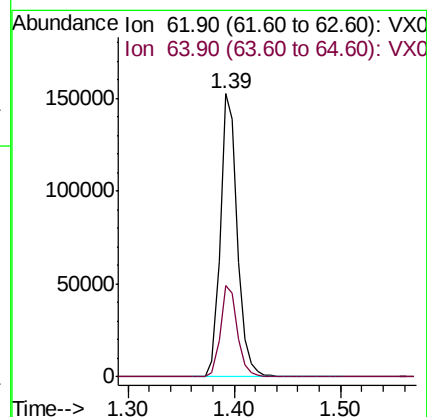
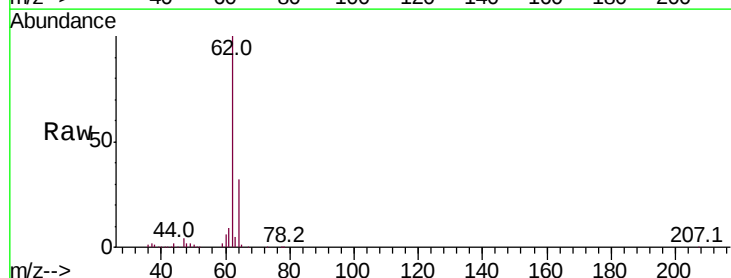
Acq: 03 Nov 2020 15:54

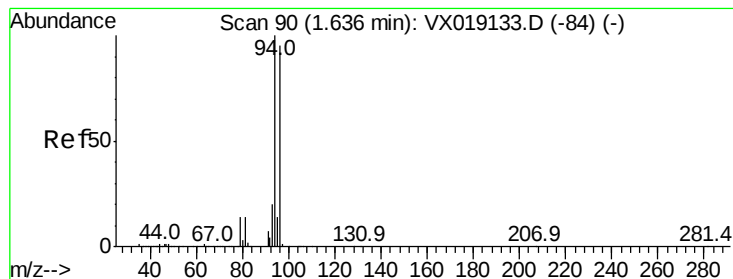
Tgt Ion: 62 Resp: 167412

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 58.459 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

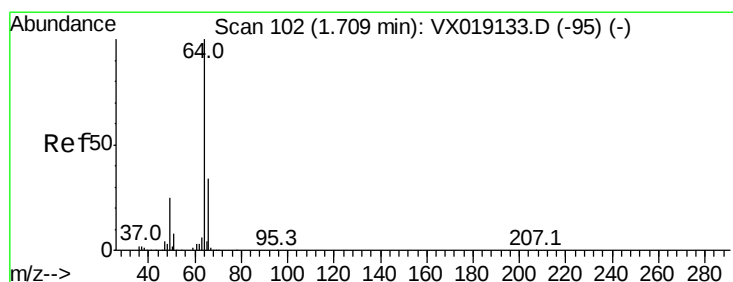
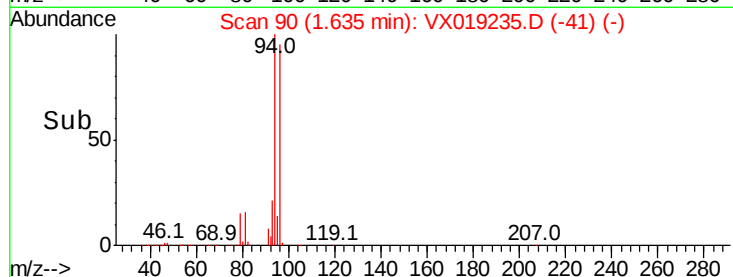
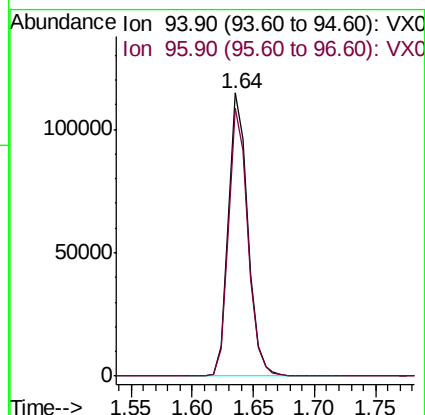
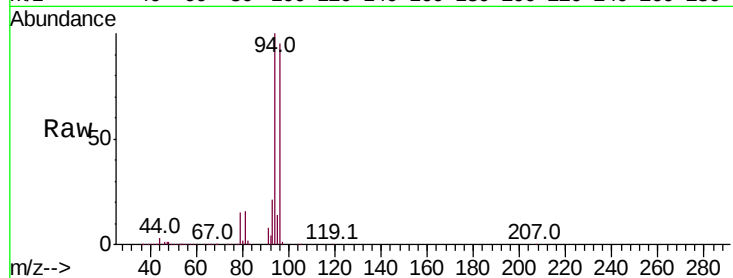
VSTDCCC050

Tot Ion: 94 Resp: 125620

Ion Ratio Lower Upper

94 100

96 94.7 76.0 114.0



#6

Chloroethane

Concen: 55.595 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019235.D

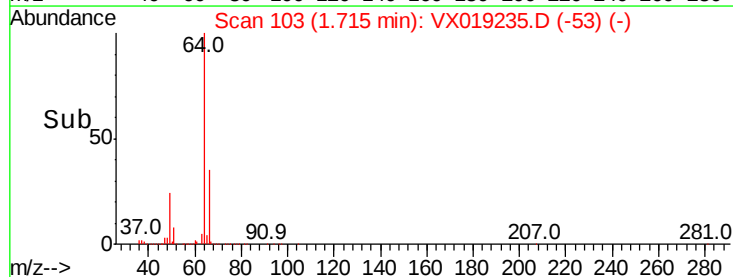
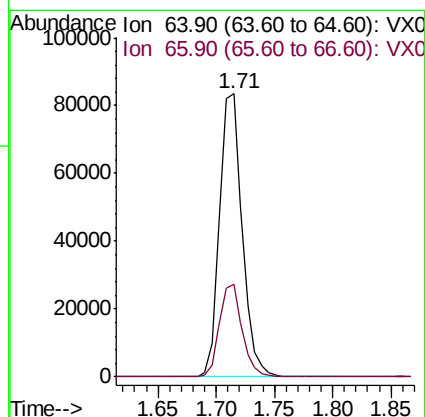
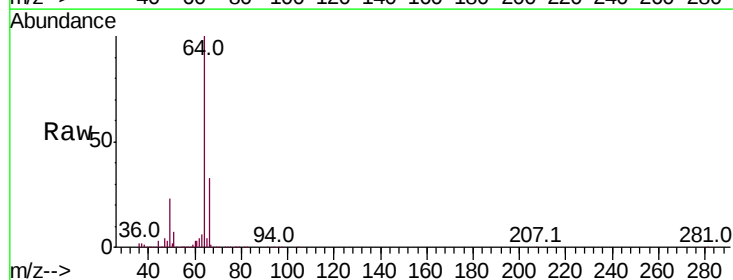
Acq: 03 Nov 2020 15:54

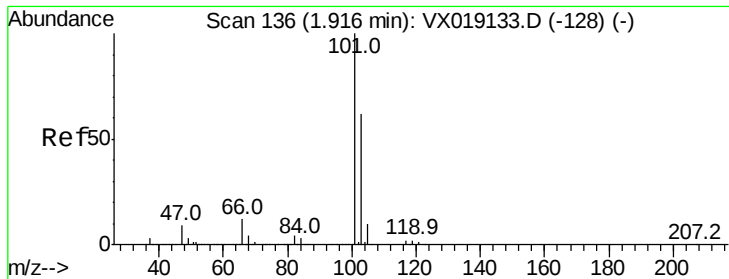
Tgt Ion: 64 Resp: 111690

Ion Ratio Lower Upper

64 100

66 32.5 27.1 40.7



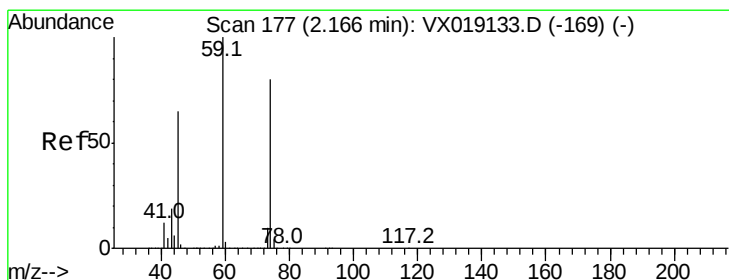
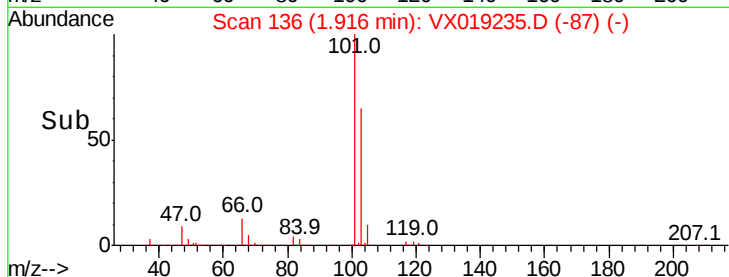
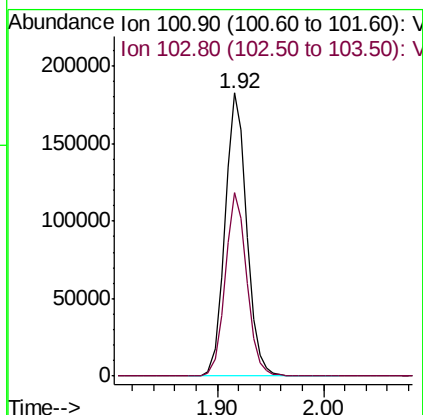
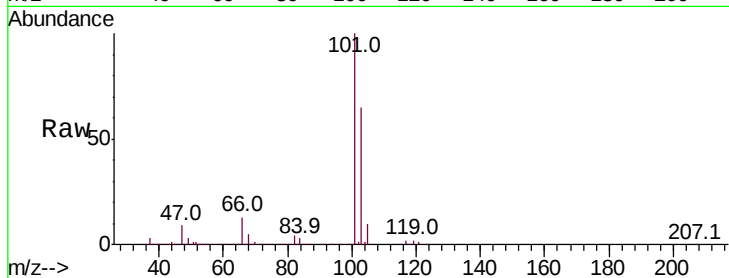


#7

Trichlorofluoromethane
Concen: 52.663 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019235.D
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VSTDCCC050

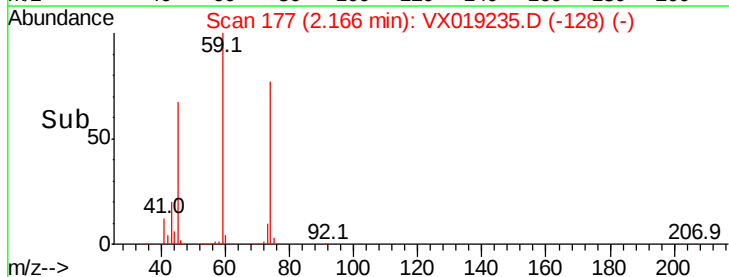
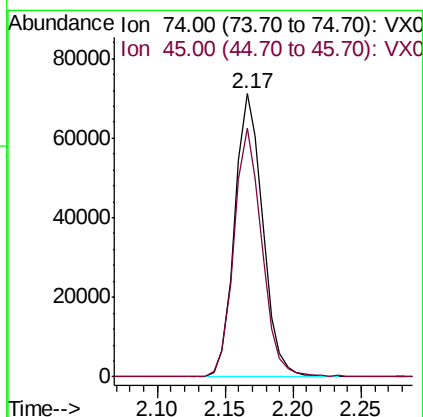
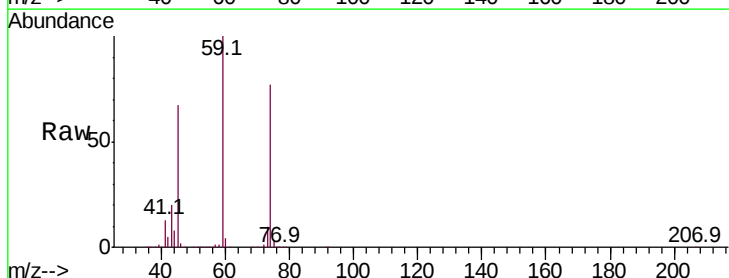
Tot Ion:101 Resp: 260332
Ion Ratio Lower Upper
101 100
103 65.0 50.0 75.0

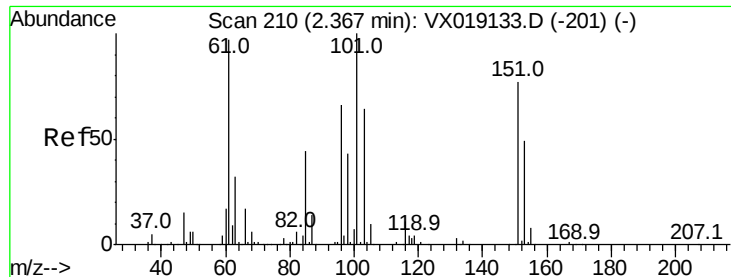


#8

Diethyl Ether
Concen: 53.947 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion: 74 Resp: 102347
Ion Ratio Lower Upper
74 100
45 86.7 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.735 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

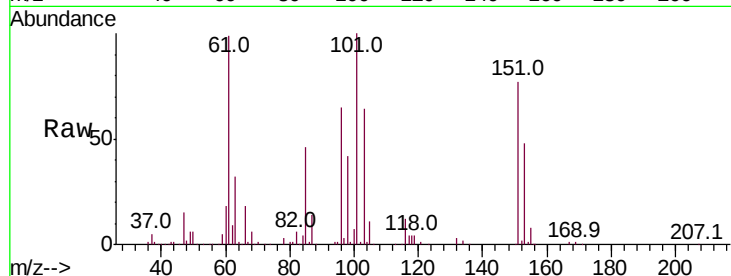
Tot Ion:101 Resp: 147234

Ion Ratio Lower Upper

101 100

85 44.4 35.0 52.4

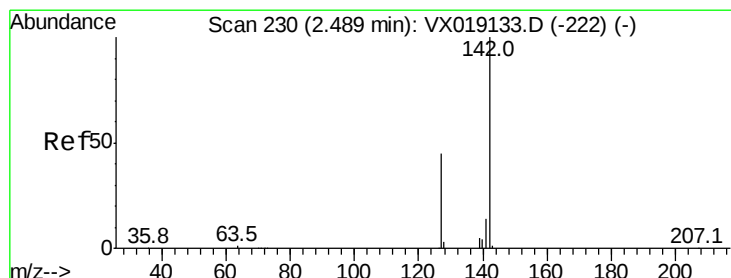
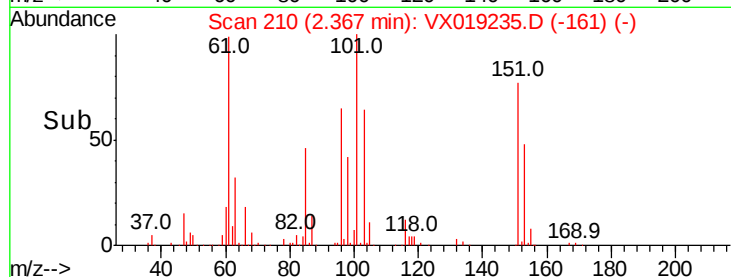
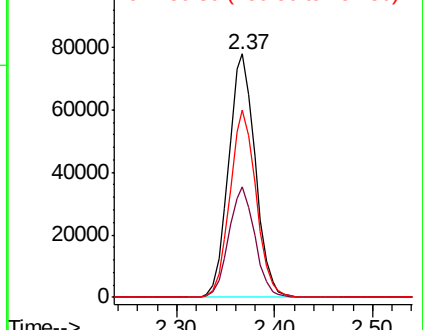
151 75.4 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.109 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

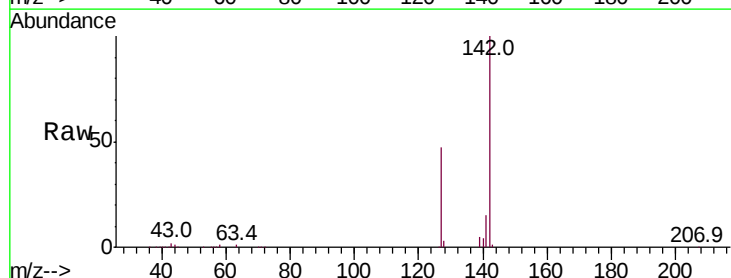
Tgt Ion:142 Resp: 150991

Ion Ratio Lower Upper

142 100

127 46.4 36.1 54.1

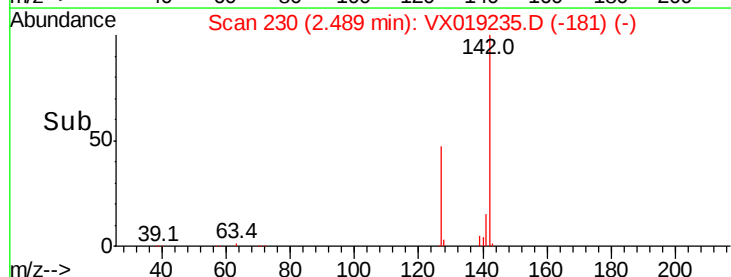
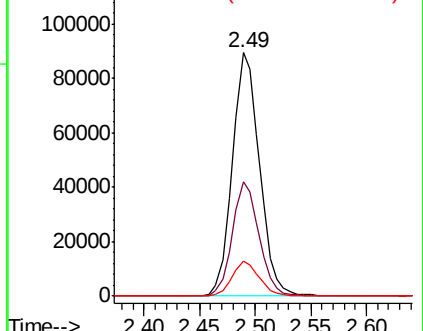
141 14.3 11.3 16.9

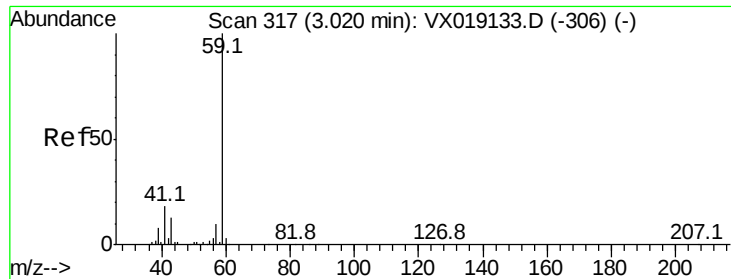


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

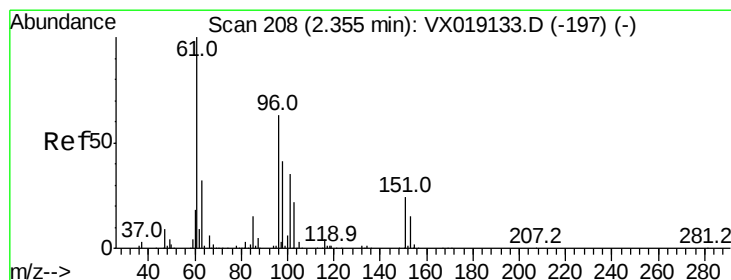
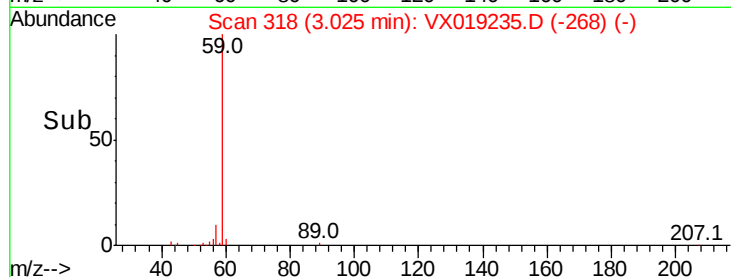
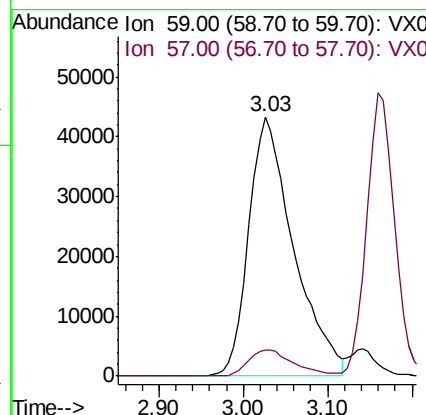
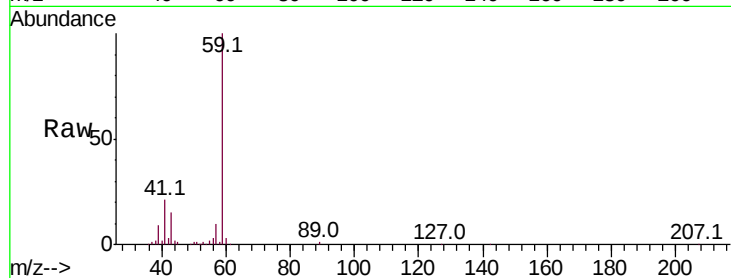




#11
Tert butyl alcohol
Concen: 212.522 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

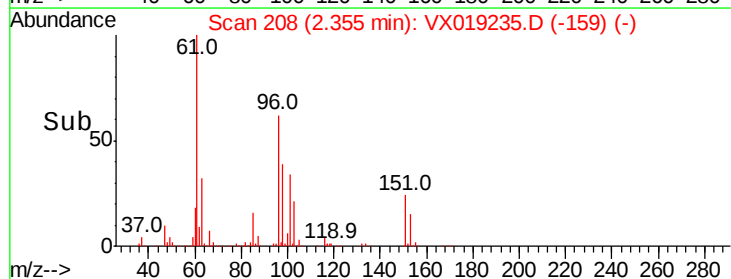
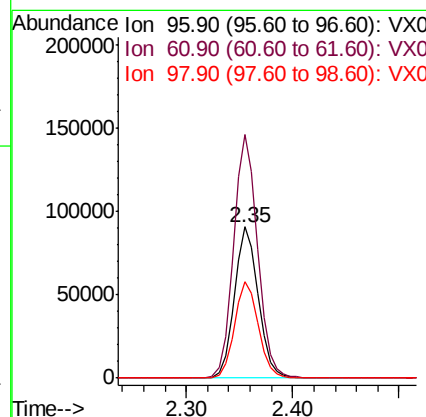
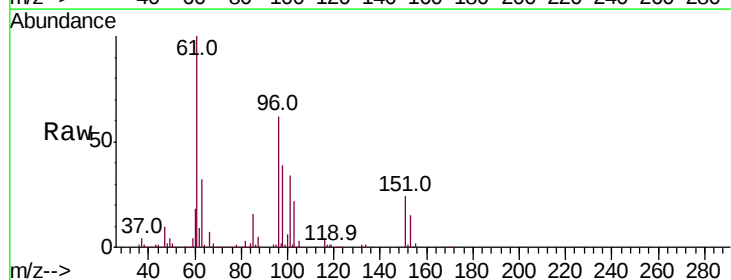
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

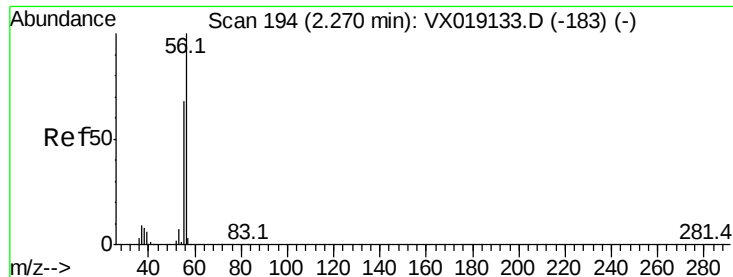
Tot Ion: 59 Resp: 157699
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 50.560 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion: 96 Resp: 142756
Ion Ratio Lower Upper
96 100
61 161.0 127.7 191.5
98 63.5 52.1 78.1





#13

Acrolein

Concen: 324.891 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

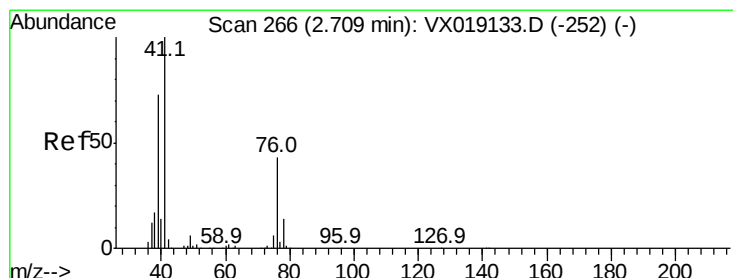
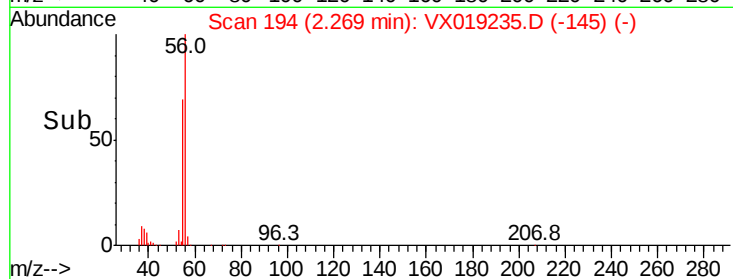
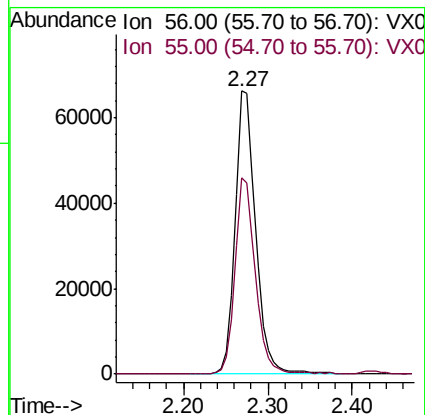
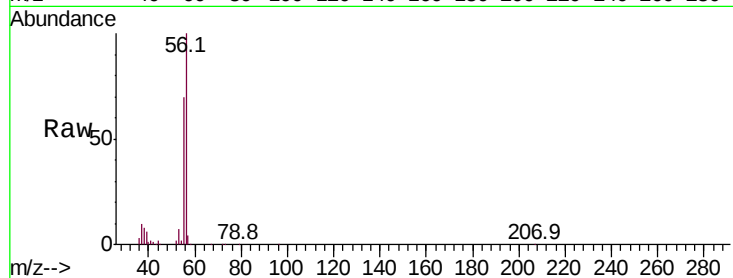
VSTDCCC050

Tot Ion: 56 Resp: 108362

Ion Ratio Lower Upper

56 100

55 68.9 54.7 82.1



#14

Allyl chloride

Concen: 53.649 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

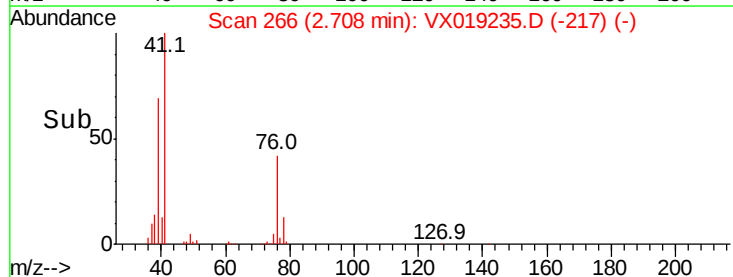
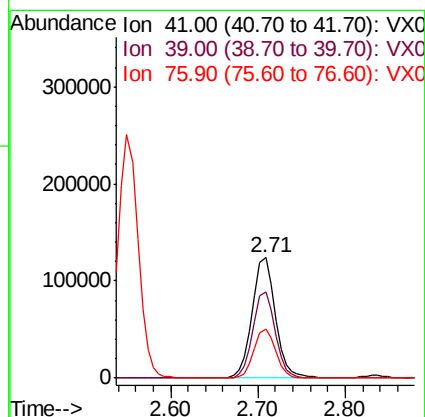
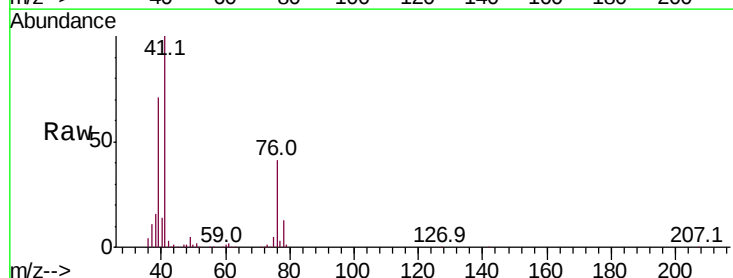
Tgt Ion: 41 Resp: 229434

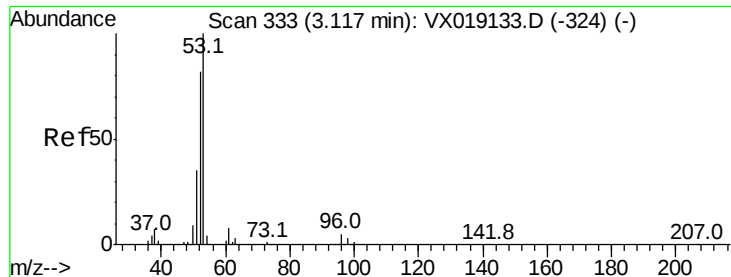
Ion Ratio Lower Upper

41 100

39 68.7 55.2 82.8

76 38.5 31.5 47.3





#15

Acrylonitrile

Concen: 263.736 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

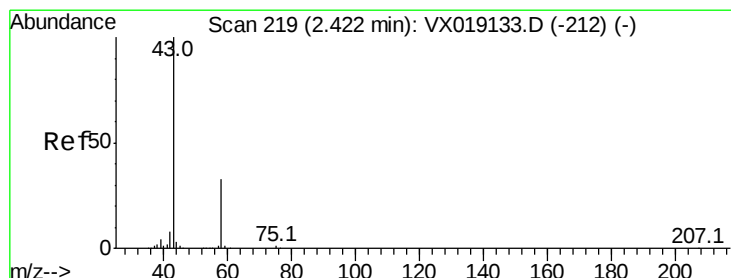
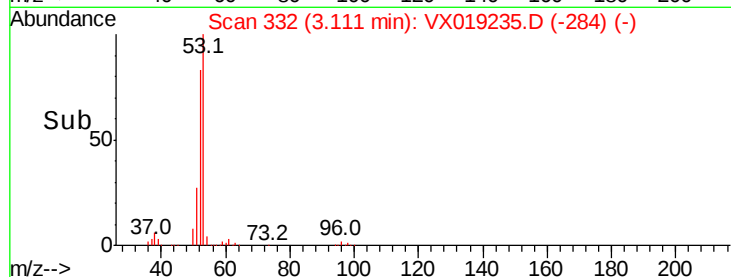
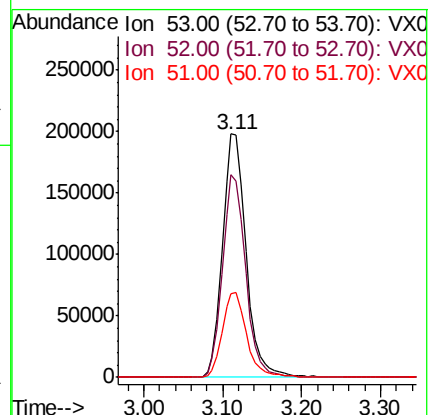
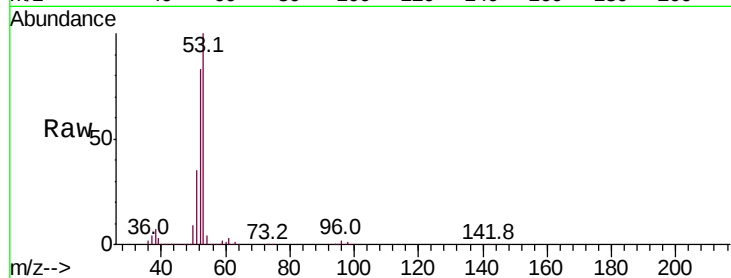
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 411239

Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.7	98.5
51	35.8	28.4	42.6



#16

Acetone

Concen: 260.594 ug/l

RT: 2.42 min Scan# 219

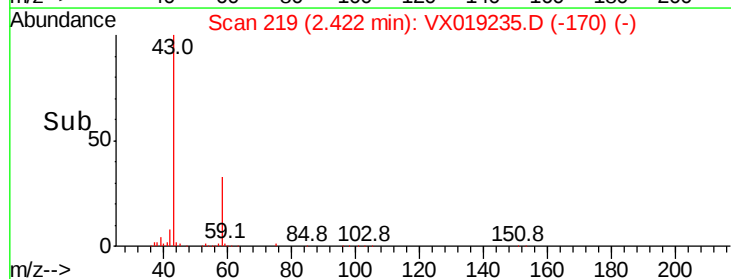
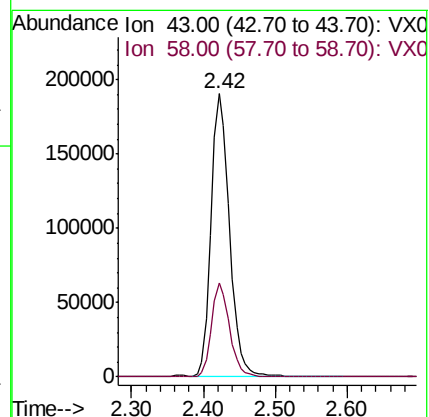
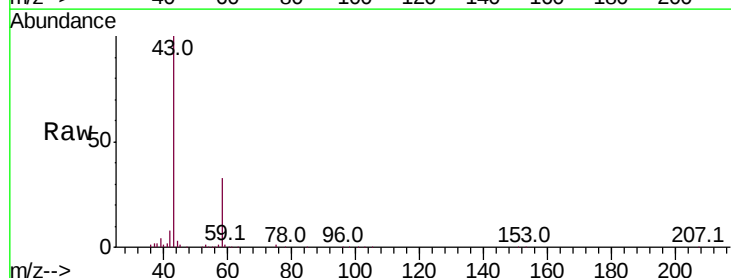
Delta R.T. -0.00 min

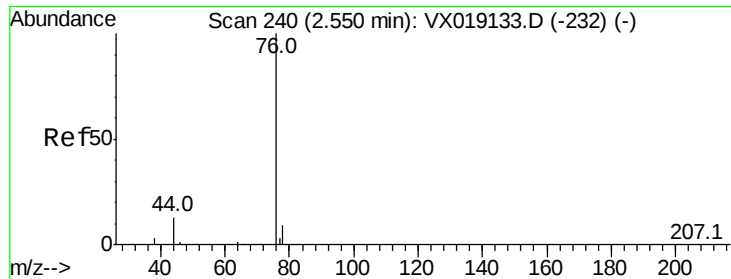
Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Tgt Ion: 43 Resp: 337745

Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.3	39.5

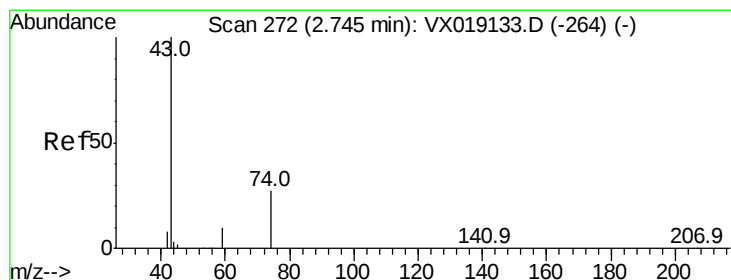
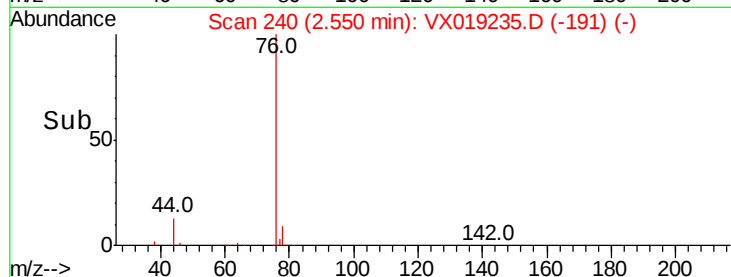
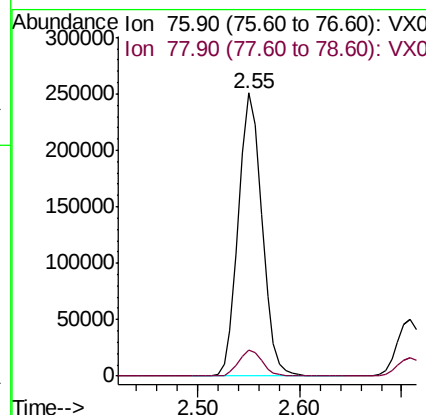
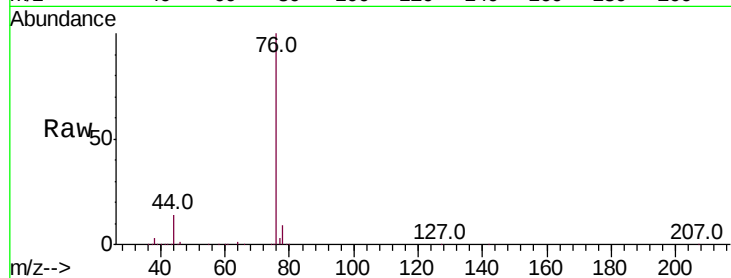




#17
Carbon Disulfide
Concen: 49.886 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

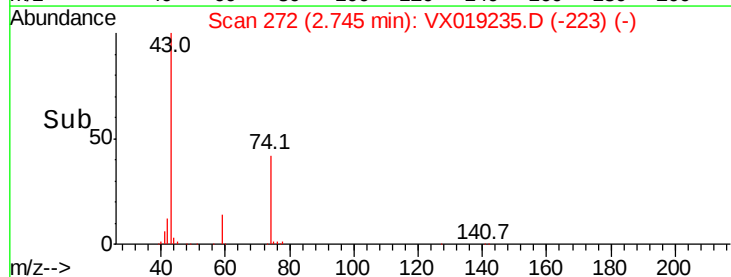
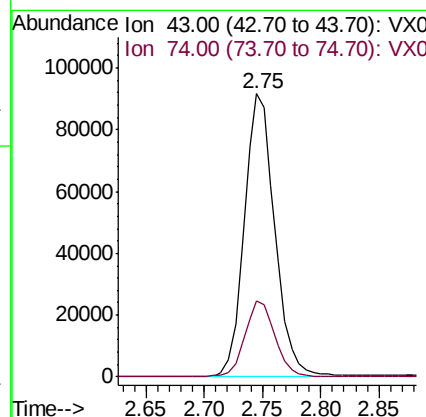
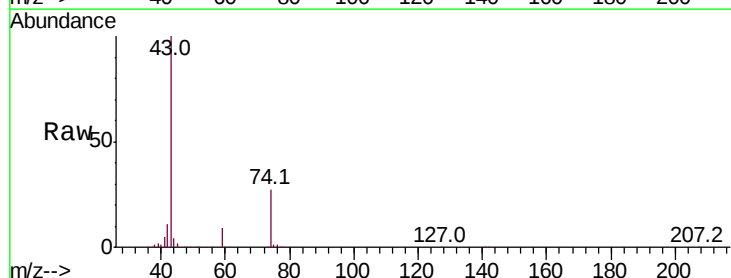
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

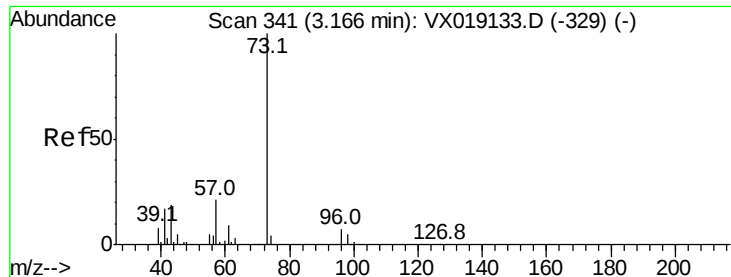
Tot Ion: 76 Resp: 401483
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 52.874 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion: 43 Resp: 166639
Ion Ratio Lower Upper
43 100
74 27.0 22.6 33.8



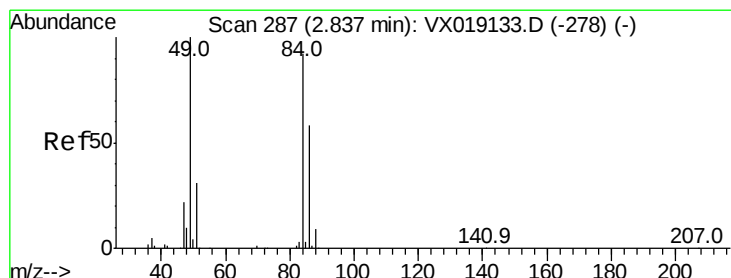
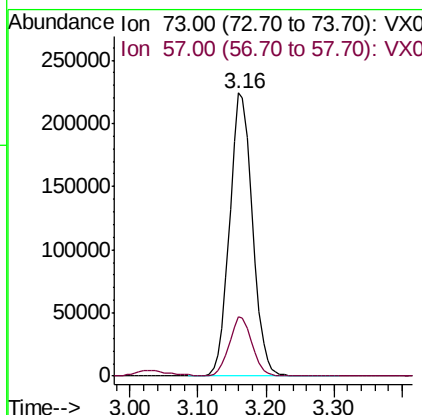
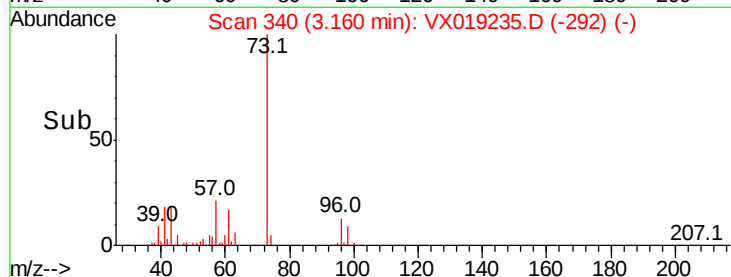
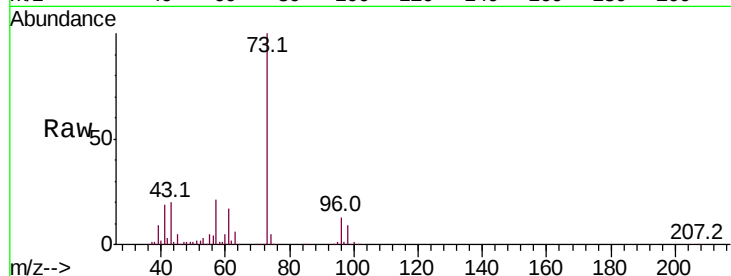


#19

Methyl tert-butyl Ether
 Concen: 53.412 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

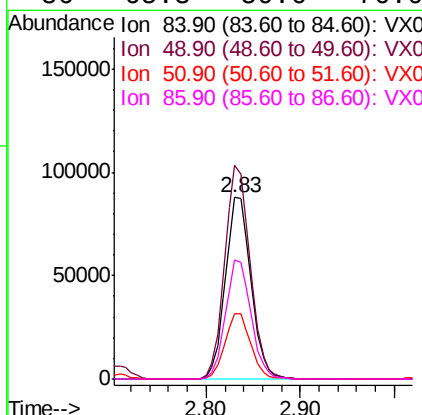
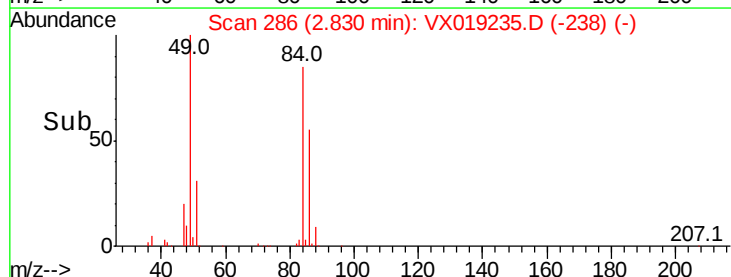
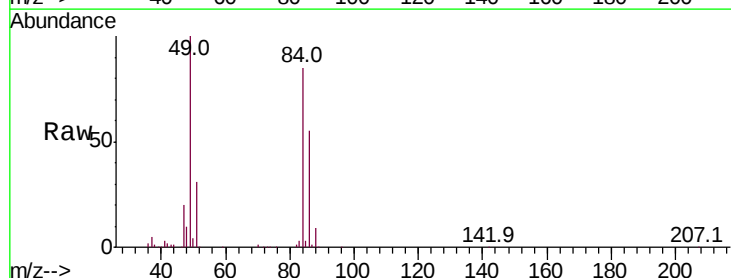
Tot Ion: 73 Resp: 522530
 Ion Ratio Lower Upper
 73 100
 57 21.1 16.6 25.0

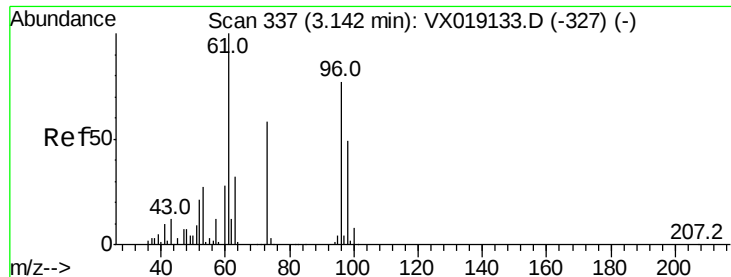


#20

Methylene Chloride
 Concen: 51.007 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Tgt Ion: 84 Resp: 165966
 Ion Ratio Lower Upper
 84 100
 49 117.6 86.8 130.2
 51 36.1 27.3 40.9
 86 65.3 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 50.682 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

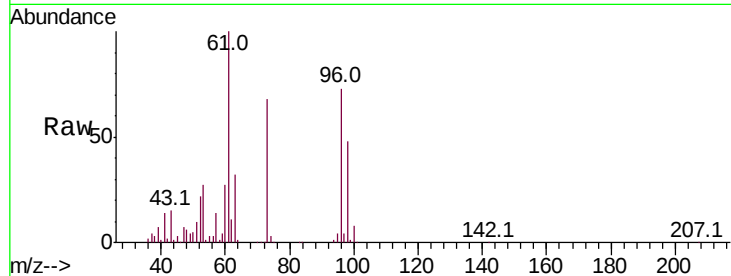
Tot Ion: 96 Resp: 164693

Ion Ratio Lower Upper

96 100

61 136.5 104.2 156.4

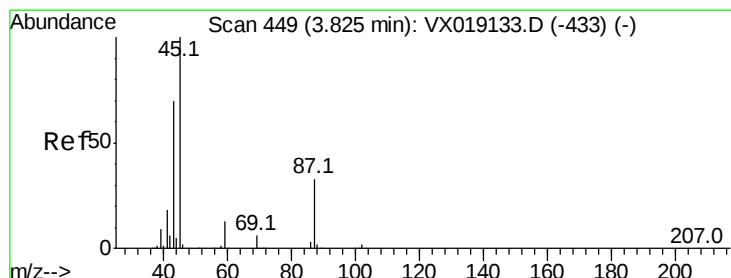
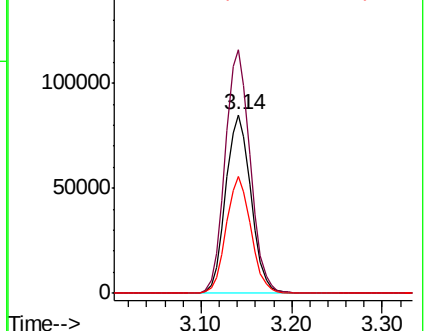
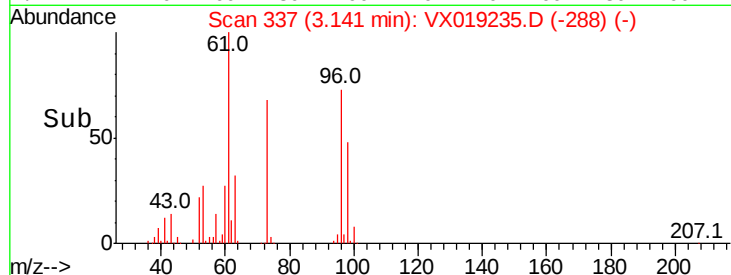
98 65.3 51.3 76.9



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: 56.656 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Tgt Ion: 45 Resp: 483037

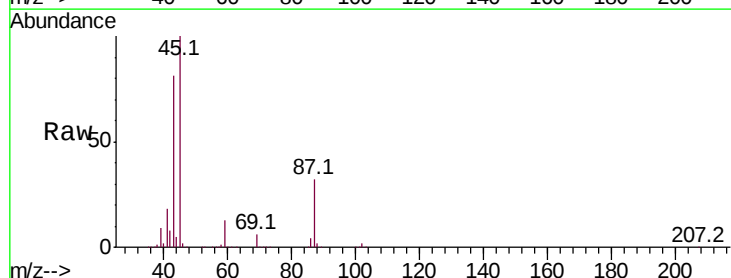
Ion Ratio Lower Upper

45 100

43 80.5 56.2 84.4

87 31.5 26.2 39.2

59 12.7 10.1 15.1

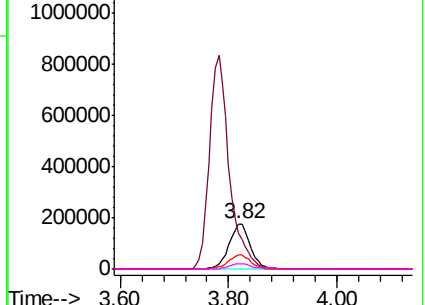
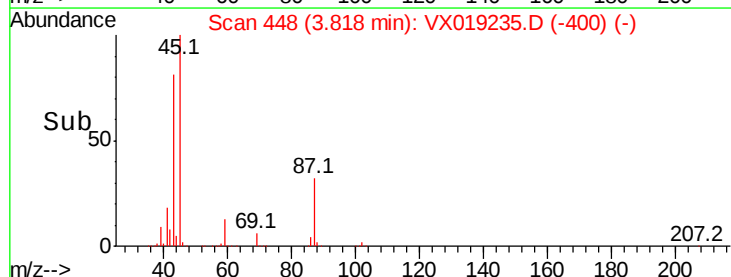


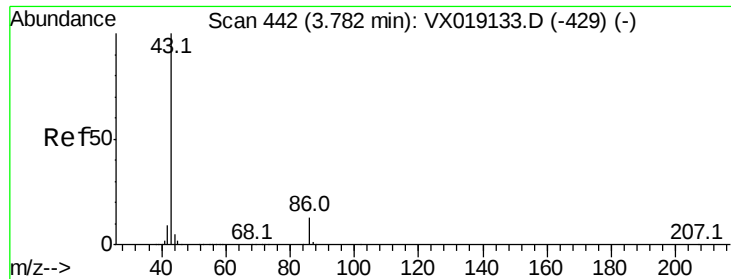
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 278.432 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

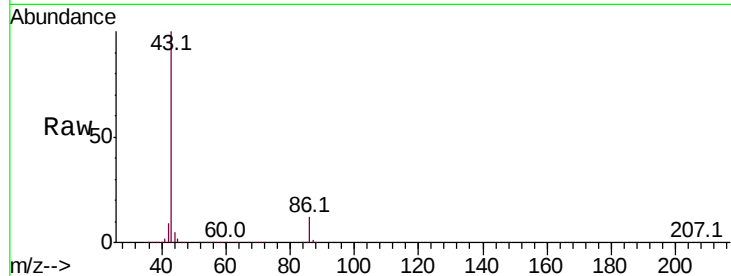
VSTDCCC050

Tot Ion: 43 Resp: 2116913

Ion Ratio Lower Upper

43 100

86 12.4 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

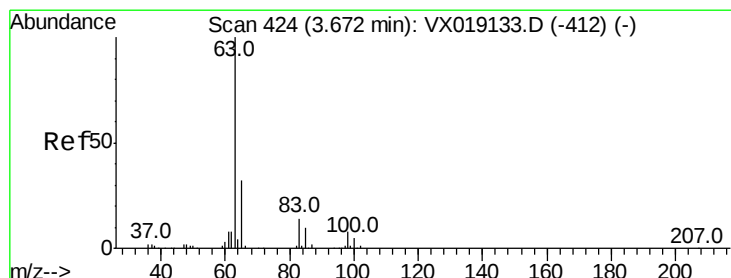
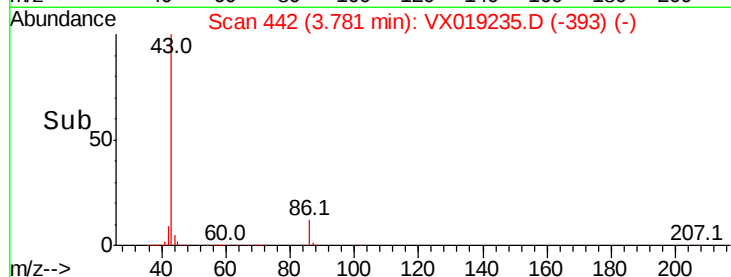
400000

200000

0

3.70 3.80 3.90

Time-->



#24

1,1-Dichloroethane

Concen: 54.167 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

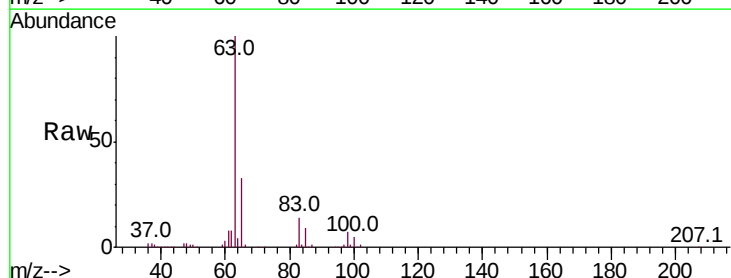
Tgt Ion: 63 Resp: 288343

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.8 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

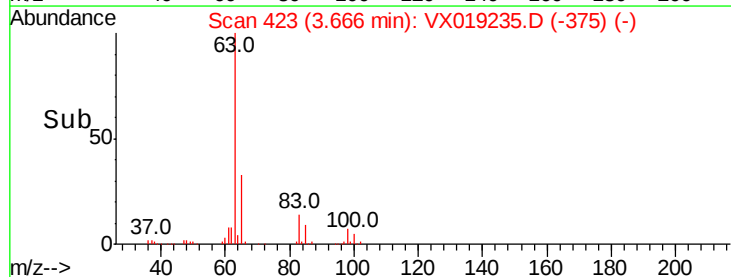
100000

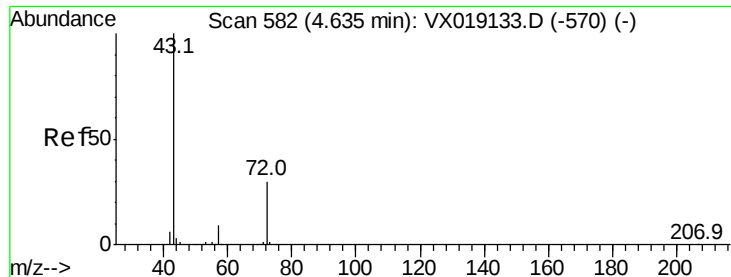
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 268.864 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

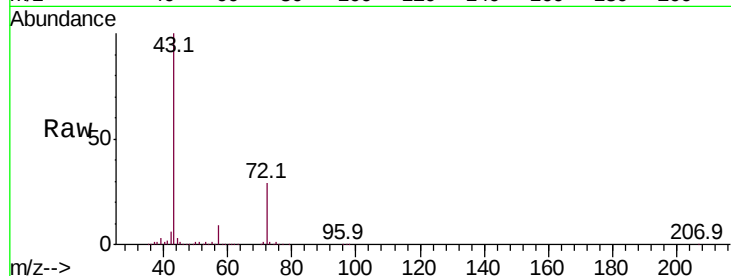
VSTDCCC050

Tot Ion: 43 Resp: 549179

Ion Ratio Lower Upper

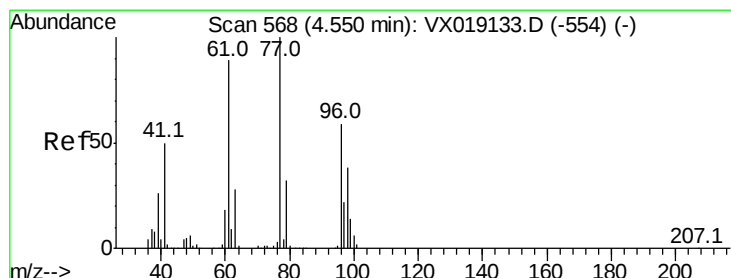
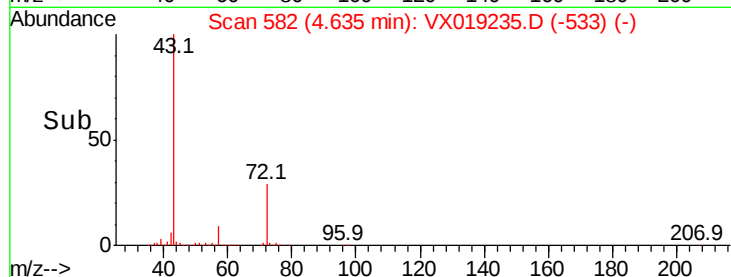
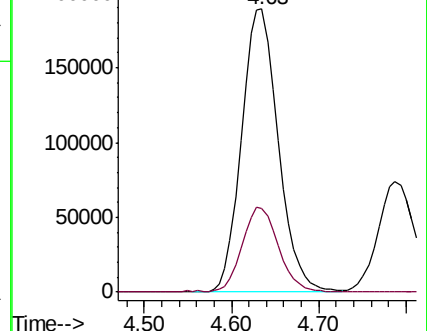
43 100

72 29.3 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: 53.557 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019235.D

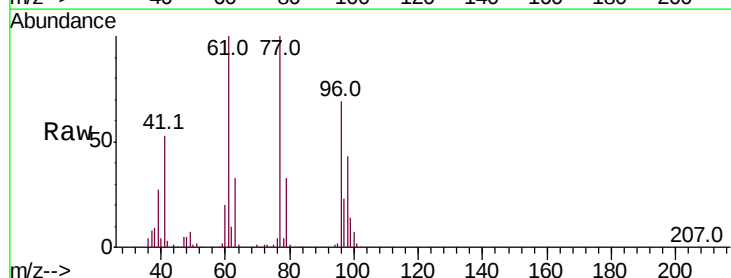
Acq: 03 Nov 2020 15:54

Tgt Ion: 77 Resp: 268016

Ion Ratio Lower Upper

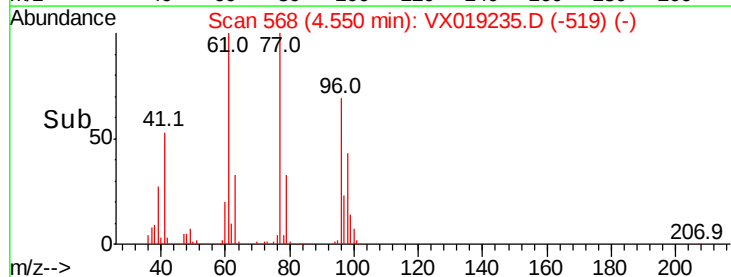
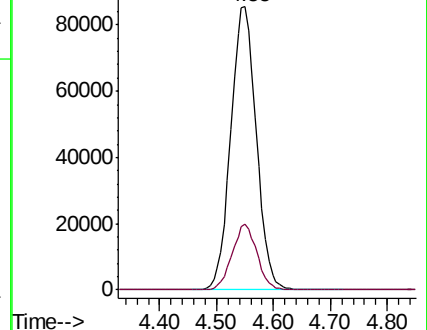
77 100

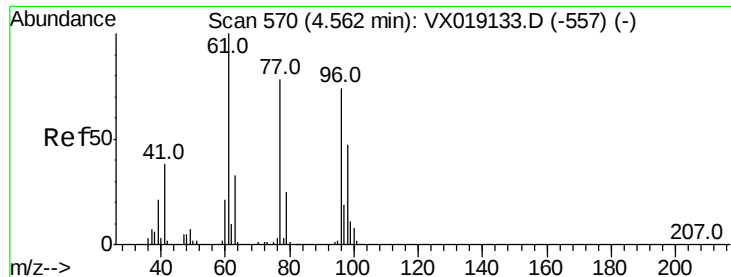
97 22.5 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

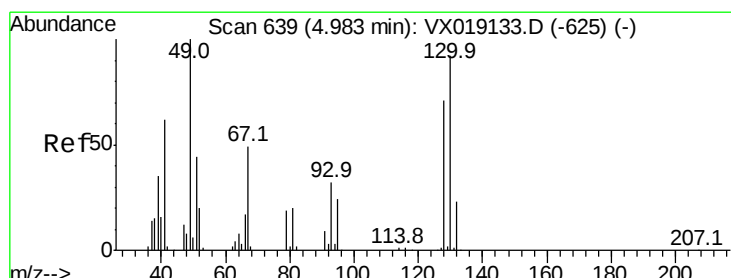
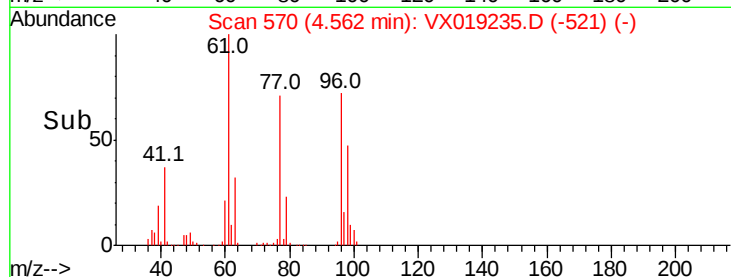
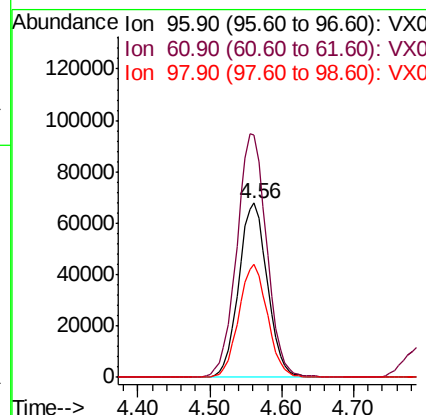
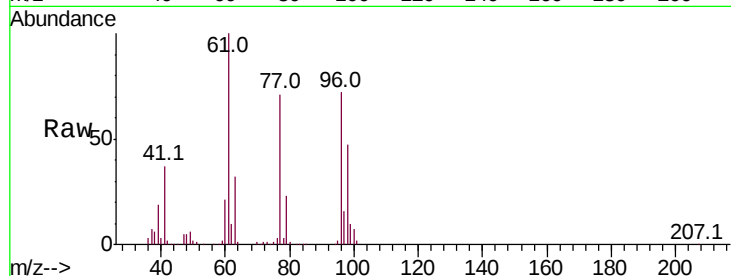




#27
 cis-1,2-Dichloroethene
 Concen: 51.595 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

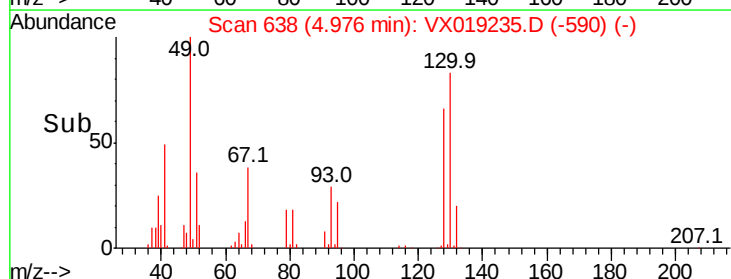
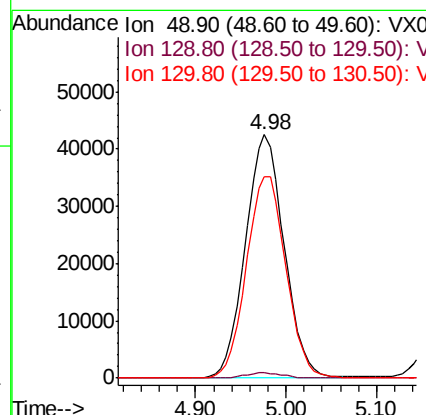
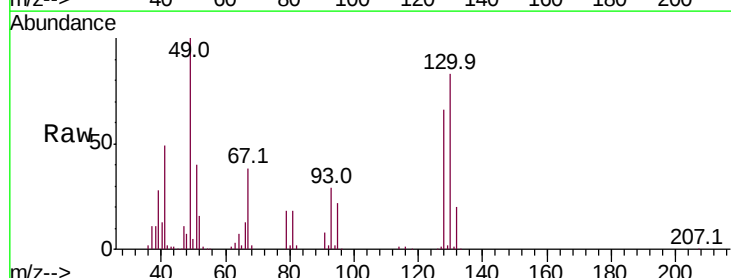
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

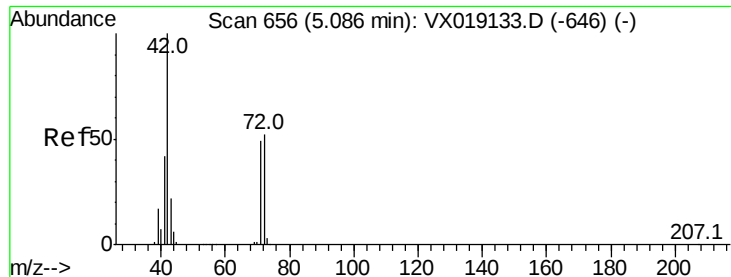
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	278.8
98	64.9	0.0	130.2



#28
 Bromochloromethane
 Concen: 52.034 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	84.5	71.3	106.9





#29

Tetrahydrofuran

Concen: 270.833 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

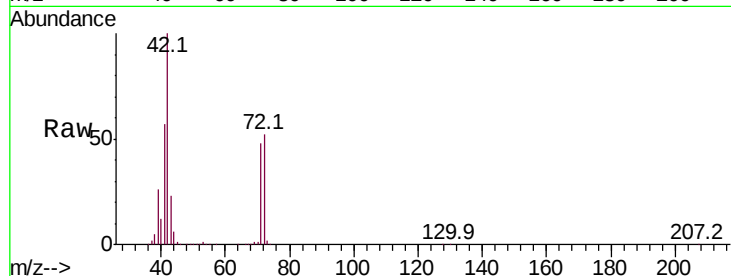
Tot Ion: 42 Resp: 348623

Ion Ratio Lower Upper

42 100

72 51.5 42.6 63.8

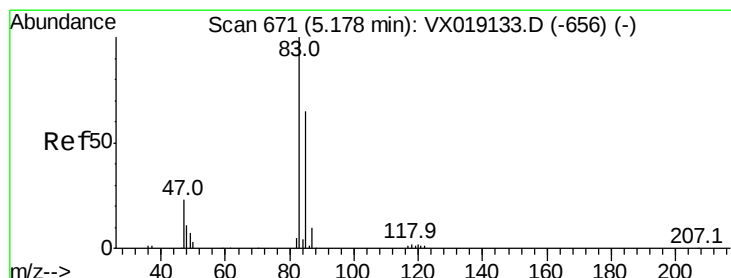
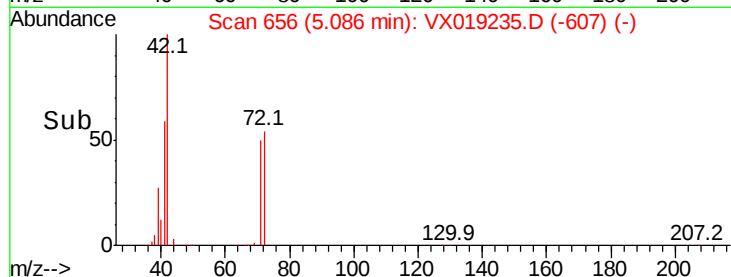
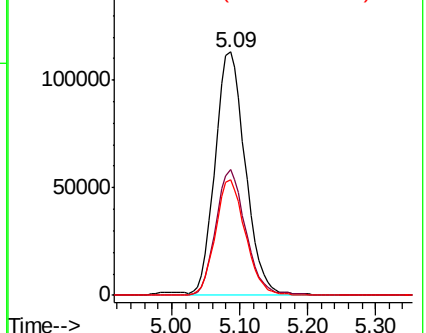
71 47.1 39.7 59.5



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 54.162 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX019235.D

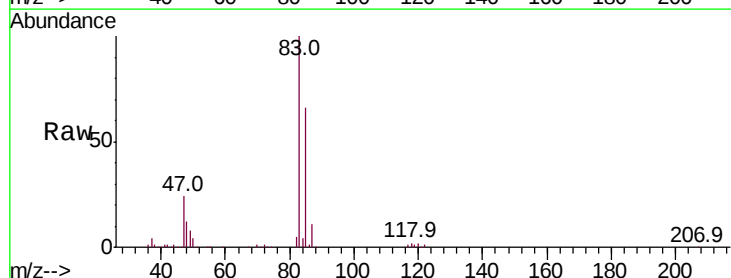
Acq: 03 Nov 2020 15:54

Tgt Ion: 83 Resp: 306890

Ion Ratio Lower Upper

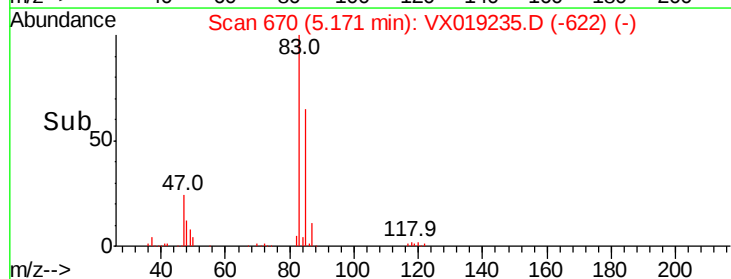
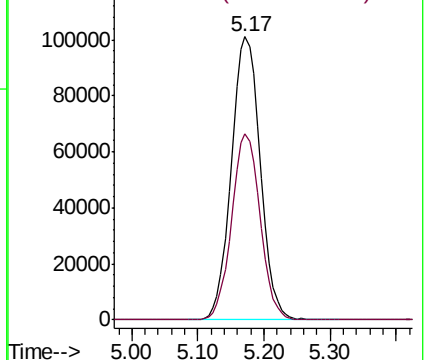
83 100

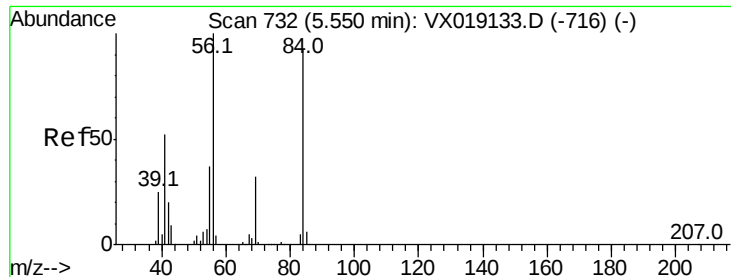
85 65.8 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

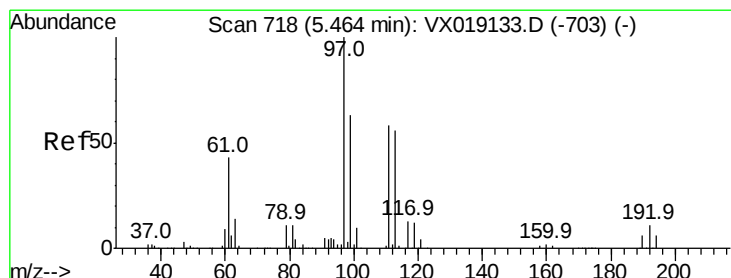
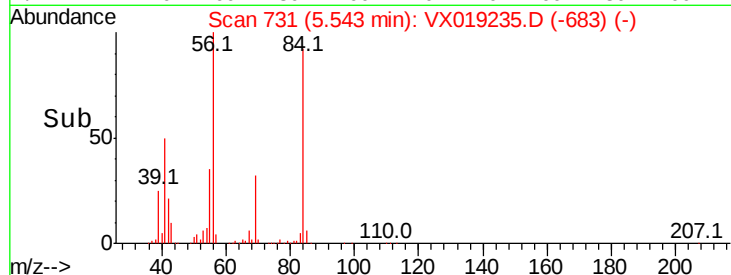
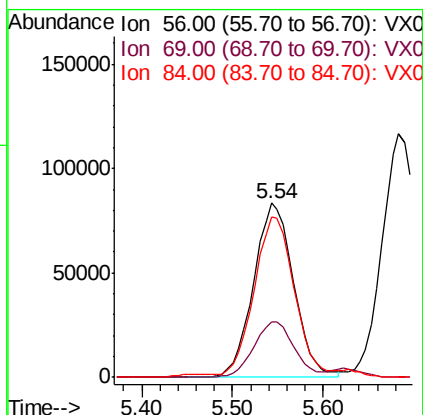
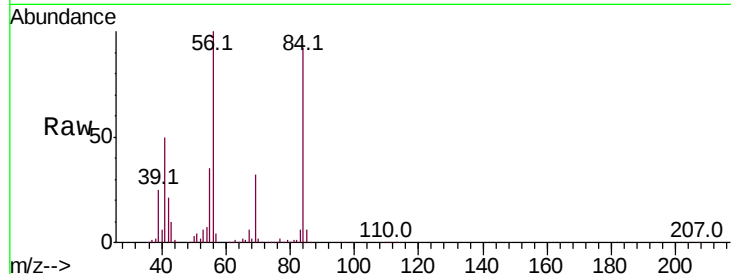




#31
Cvclohexane
Concen: 53.593 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

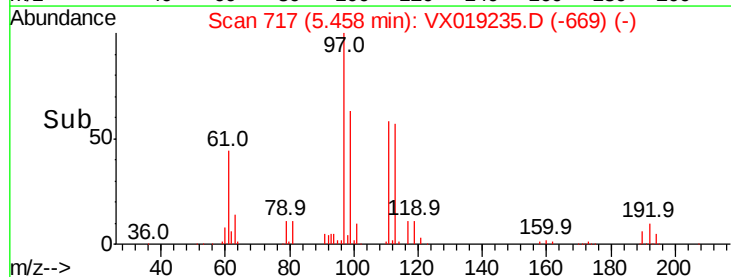
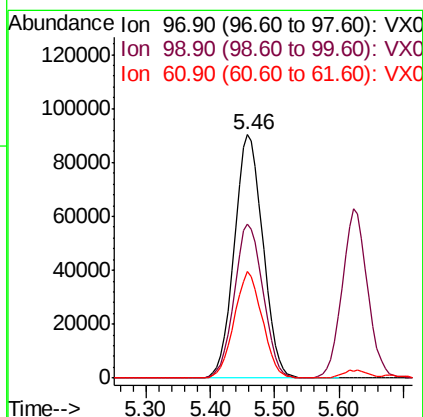
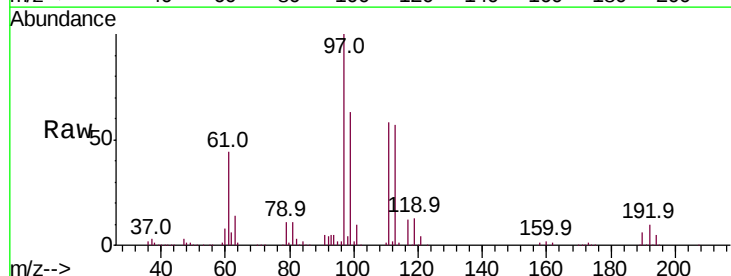
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

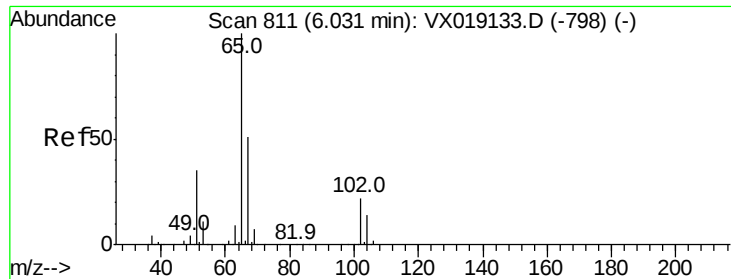
Tot Ion: 56 Resp: 254509
Ion Ratio Lower Upper
56 100
69 31.8 25.9 38.9
84 90.7 73.4 110.2



#32
1,1,1-Trichloroethane
Concen: 53.955 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion: 97 Resp: 277168
Ion Ratio Lower Upper
97 100
99 63.7 51.7 77.5
61 43.1 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 49.471 ug/l

RT: 6.02 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

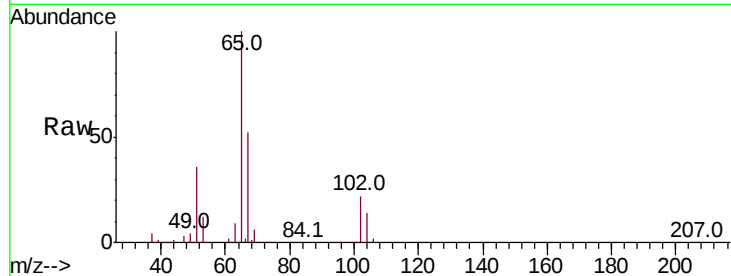
VSTDCCC050

Tot Ion: 65 Resp: 185854

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.02

80000

60000

40000

20000

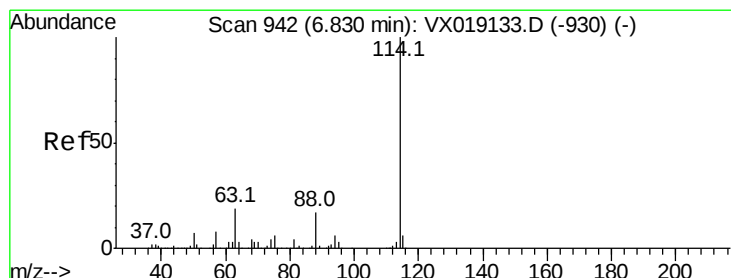
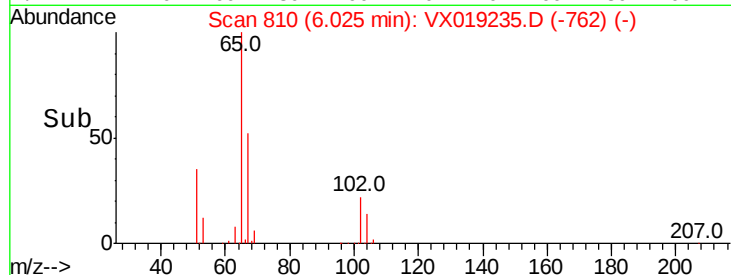
0

Time-->

5.90

6.00

6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

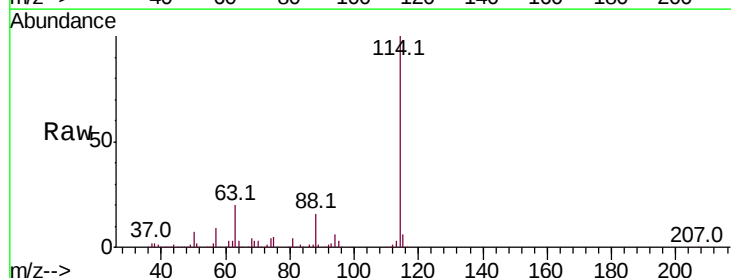
Tgt Ion: 114 Resp: 477048

Ion Ratio Lower Upper

114 100

63 19.8 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

250000

200000

150000

100000

50000

0

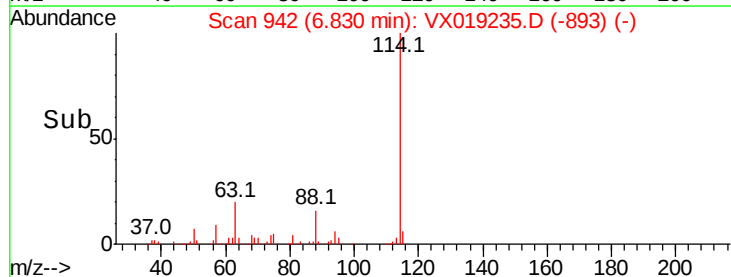
Time-->

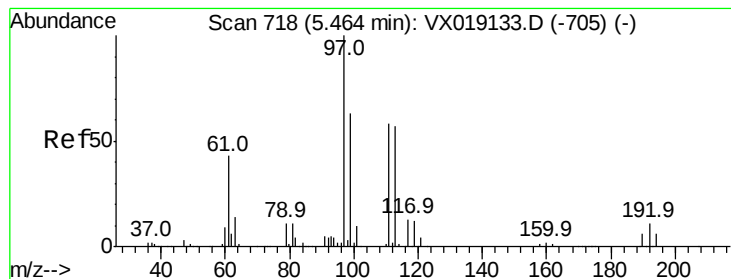
6.70

6.80

6.90

7.00





#35

Dibromofluoromethane

Concen: 48.864 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

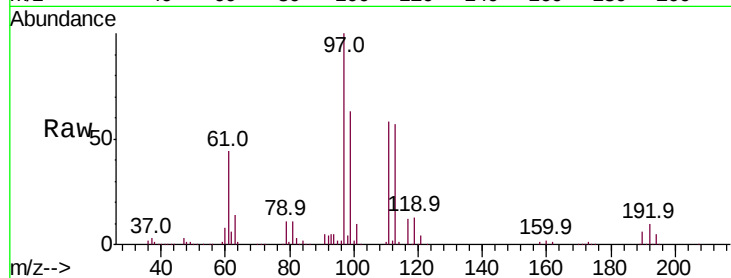
Tot Ion:113 Resp: 146420

Ion Ratio Lower Upper

113 100

111 103.6 82.3 123.5

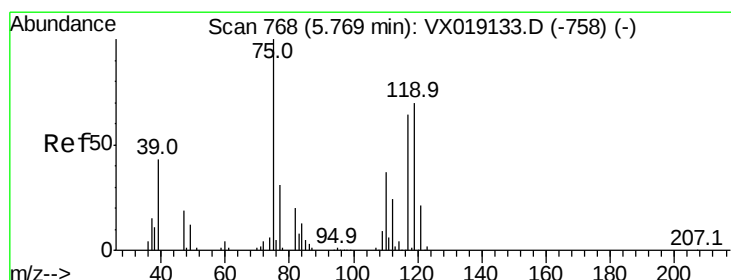
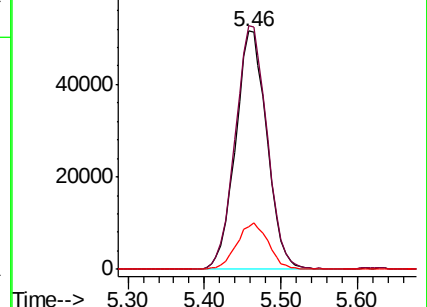
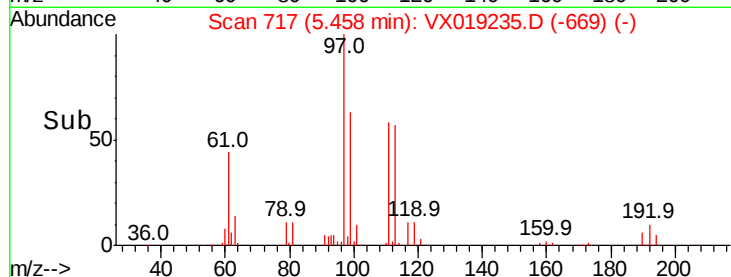
192 19.7 16.2 24.2



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: 52.825 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

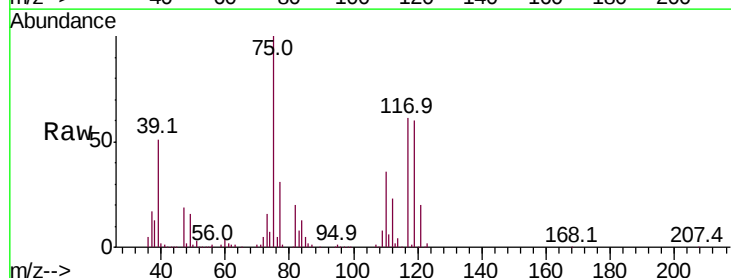
Tgt Ion: 75 Resp: 232702

Ion Ratio Lower Upper

75 100

110 36.1 18.3 54.9

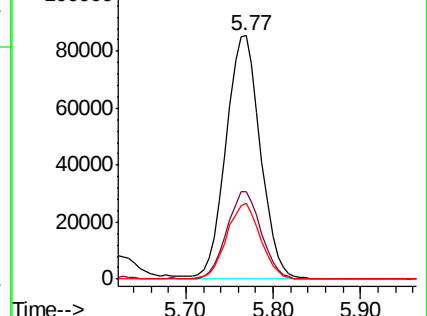
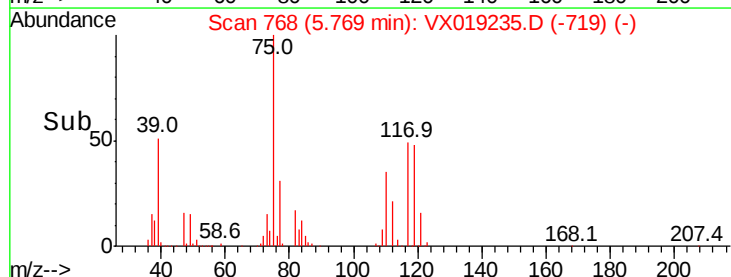
77 30.8 24.9 37.3

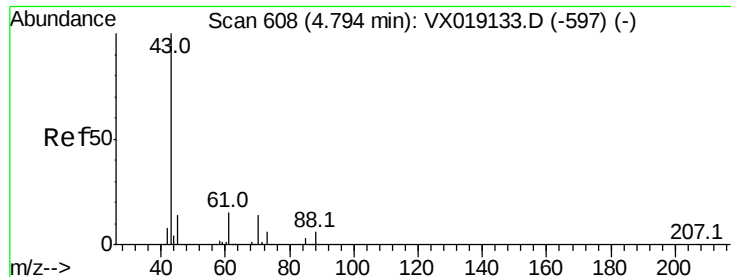


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

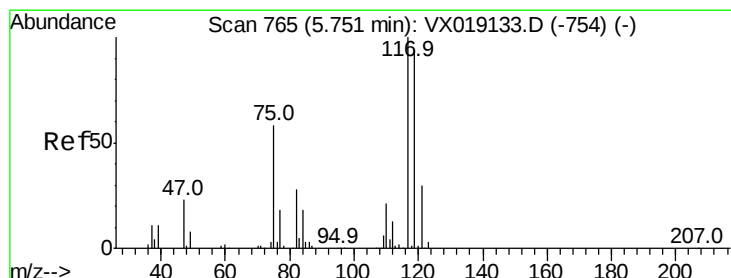
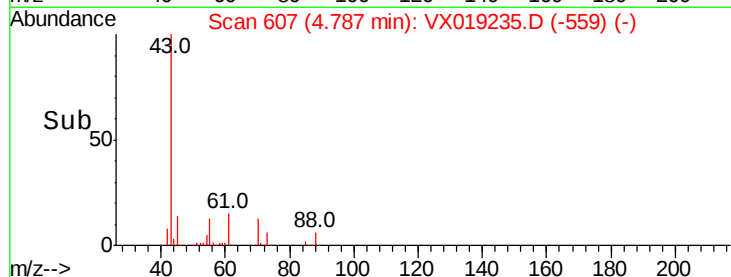
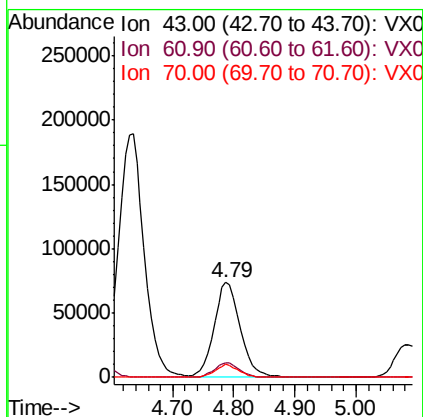
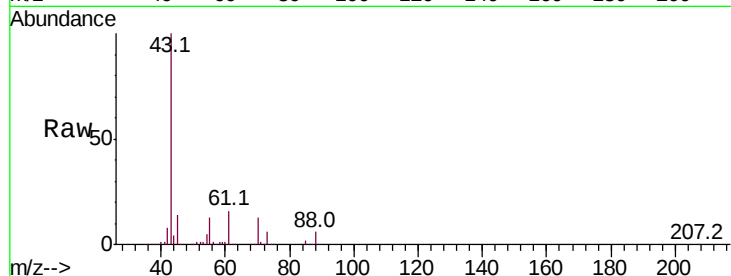




#37
Ethyl Acetate
Concen: 53.661 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

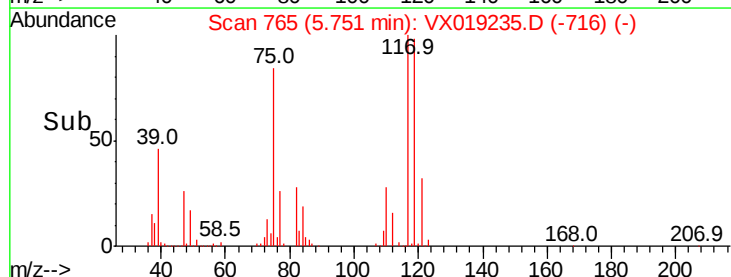
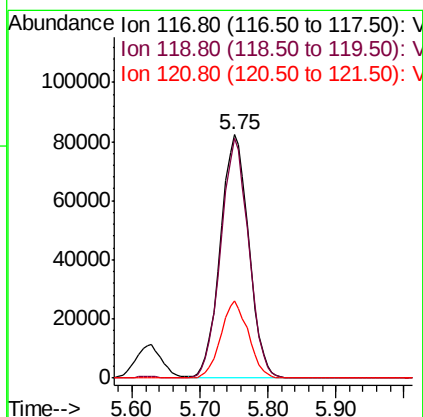
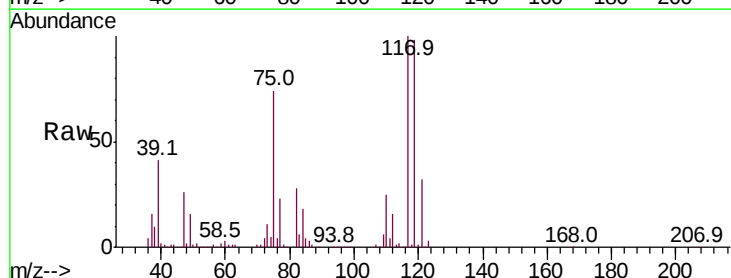
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

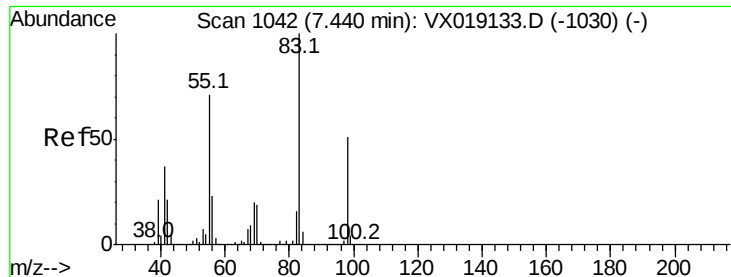
Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.5	18.7
70	12.4	10.5	15.7



#38
Carbon Tetrachloride
Concen: 53.226 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	75.0	112.6
121	31.7	23.9	35.9

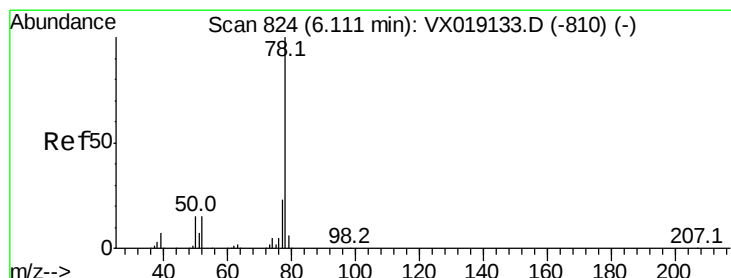
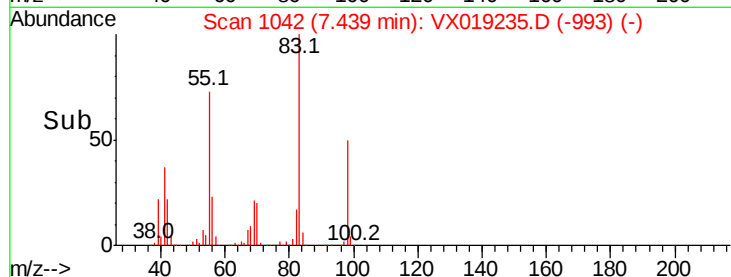
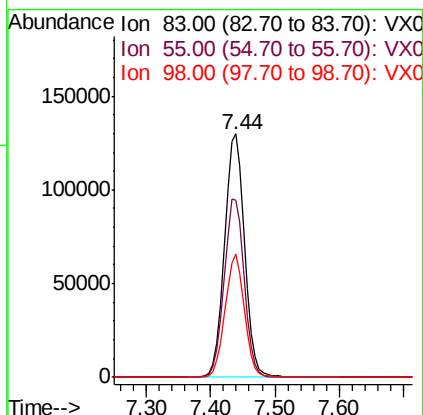
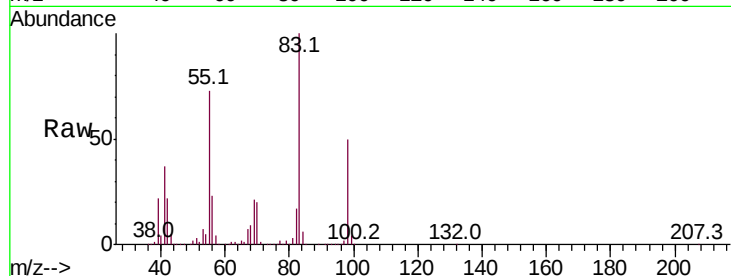




#39
Methvlcvclohexane
Concen: 54.406 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

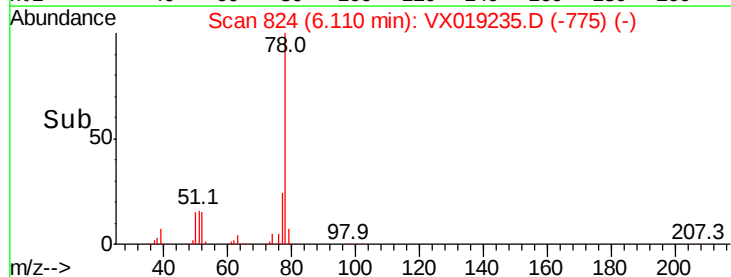
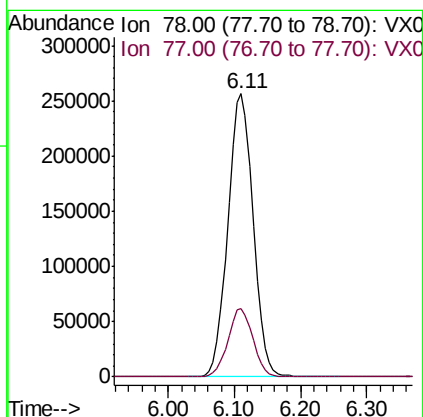
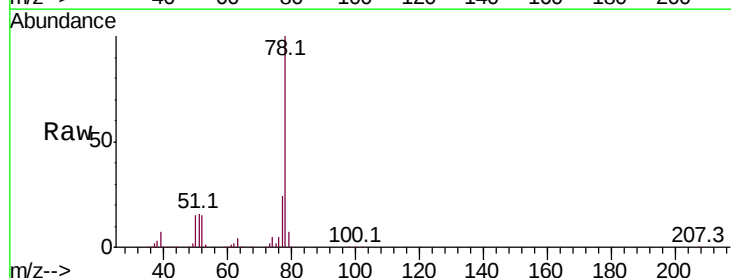
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

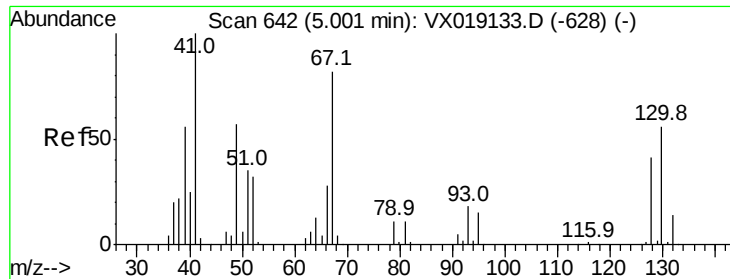
Tot Ion: 83 Resp: 286572
Ion Ratio Lower Upper
83 100
55 72.7 57.0 85.6
98 50.4 40.5 60.7



#40
Benzene
Concen: 54.221 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion: 78 Resp: 677222
Ion Ratio Lower Upper
78 100
77 24.0 18.7 28.1

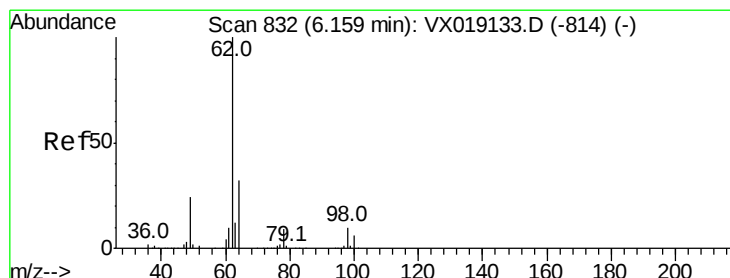
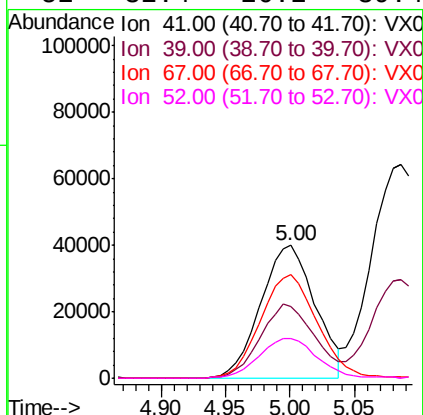
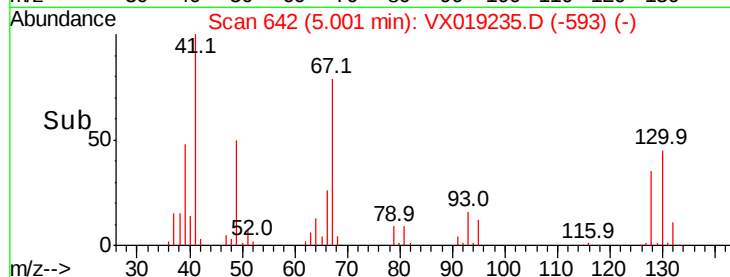
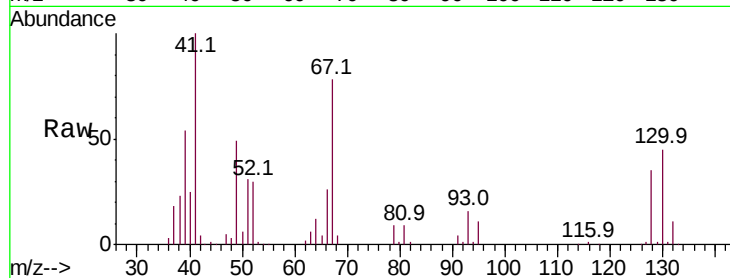




#41
Methacrylonitrile
Concen: 53.090 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

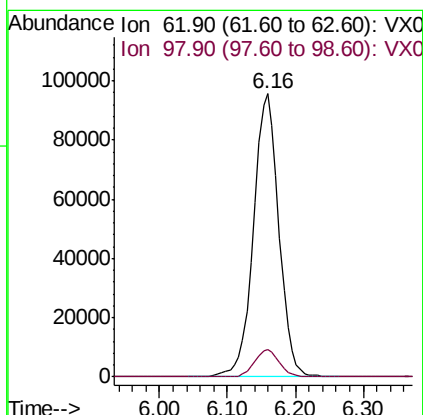
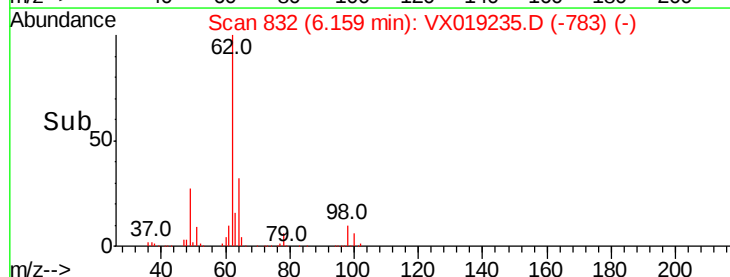
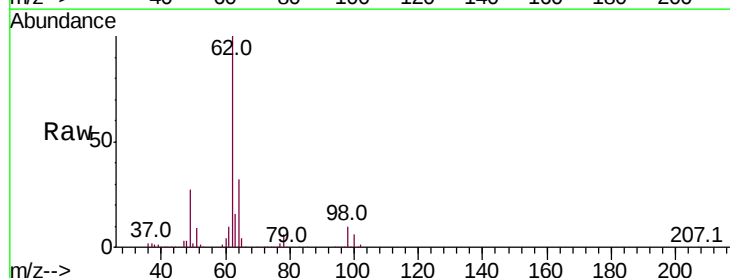
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

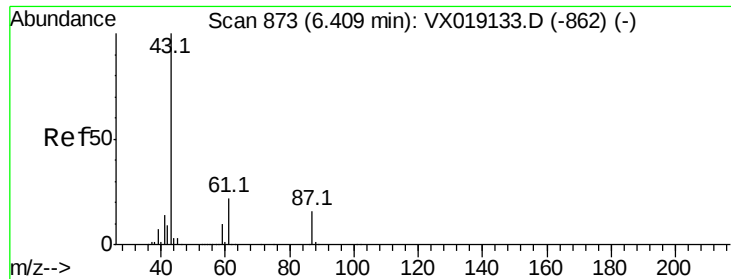
Tot Ion: 41 Resp: 116939
Ion Ratio Lower Upper
41 100
39 55.5 44.4 66.6
67 82.2 66.4 99.6
52 32.4 26.2 39.4



#42
1,2-Dichloroethane
Concen: 54.291 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion: 62 Resp: 249913
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.0



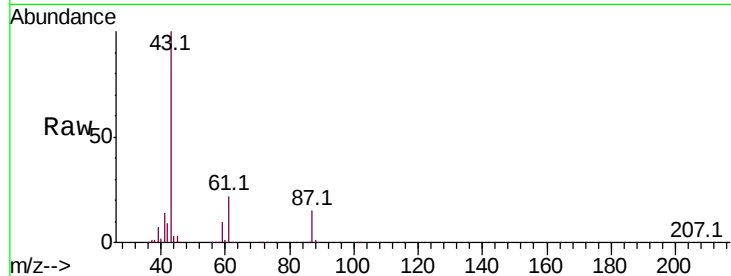


#43

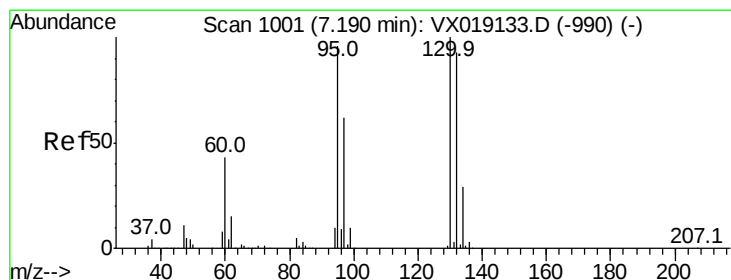
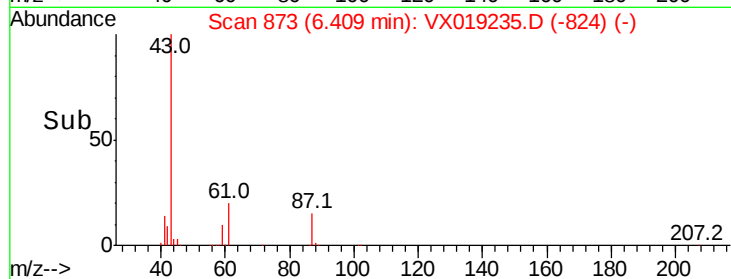
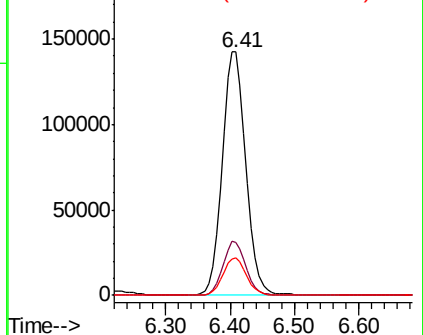
Isopropyl Acetate
 Concen: 53.530 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 366602
 Ion Ratio Lower Upper
 43 100
 61 21.8 17.8 26.6
 87 15.3 12.6 19.0



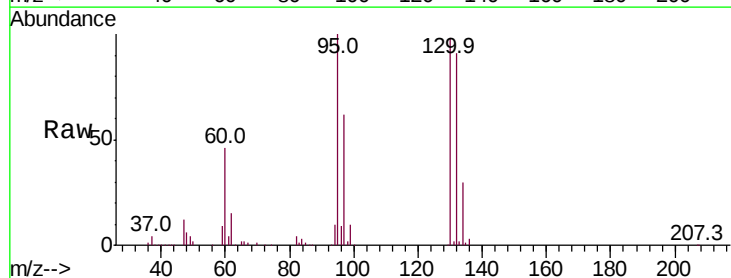
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



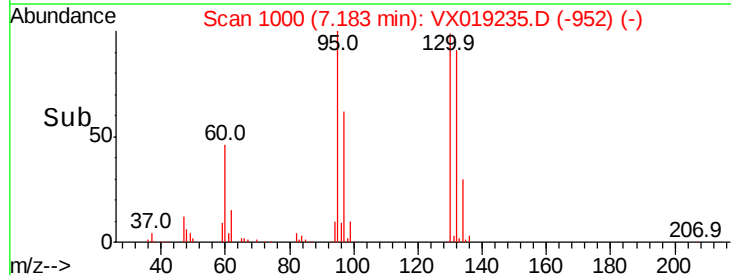
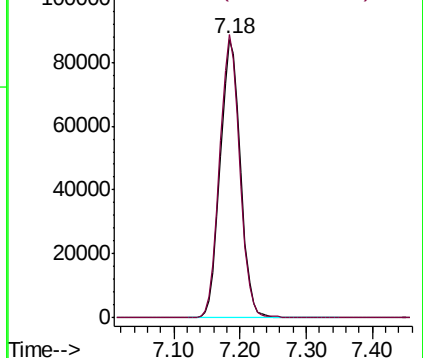
#44

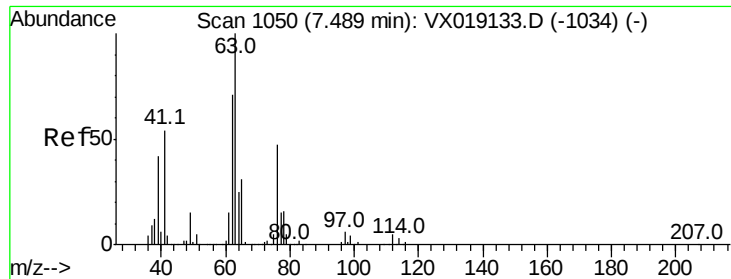
Trichloroethene
 Concen: 51.797 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Tgt Ion: 130 Resp: 185282
 Ion Ratio Lower Upper
 130 100
 95 101.5 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: 55.685 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

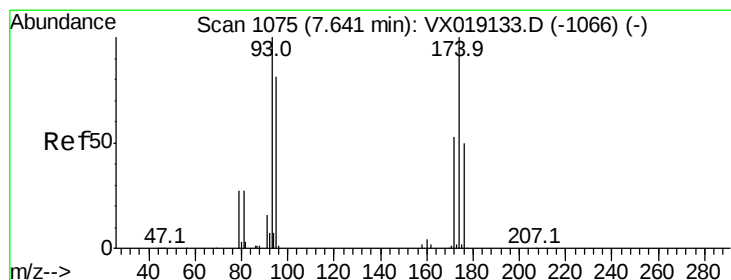
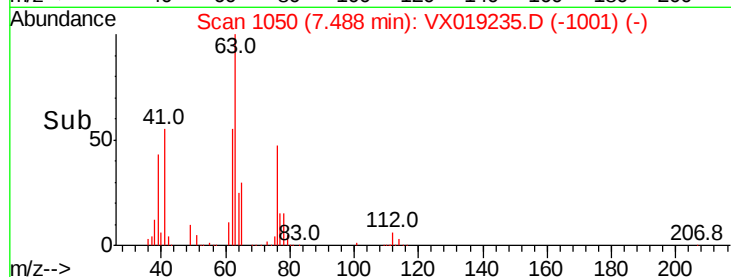
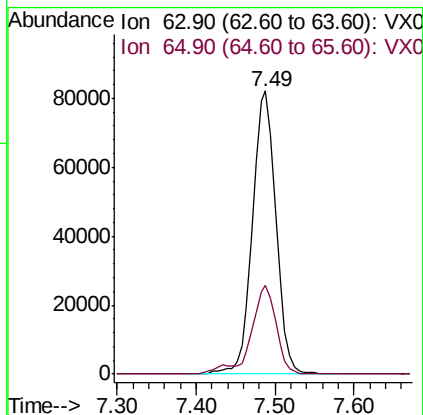
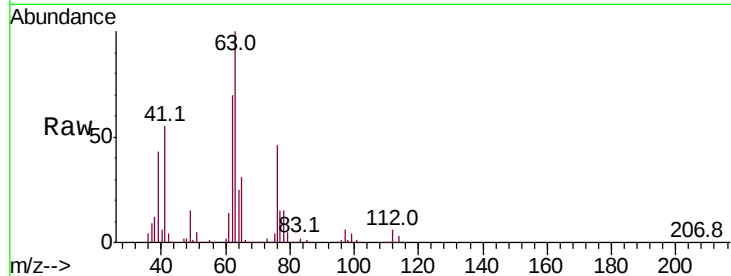
VSTDCCC050

Tot Ion: 63 Resp: 170355

Ion Ratio Lower Upper

63 100

65 31.2 25.2 37.8



#46

Dibromomethane

Concen: 53.428 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

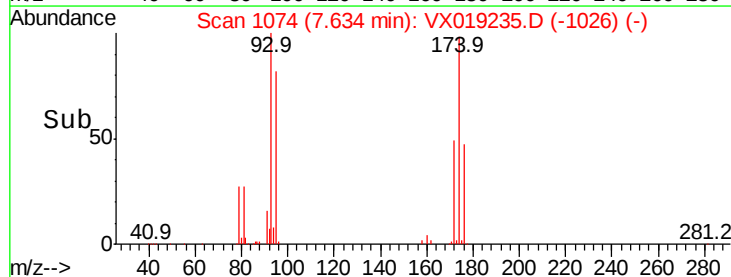
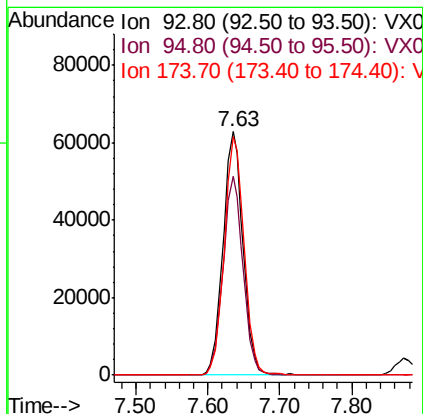
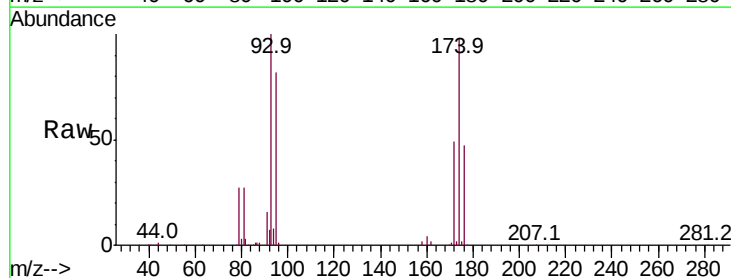
Tgt Ion: 93 Resp: 120865

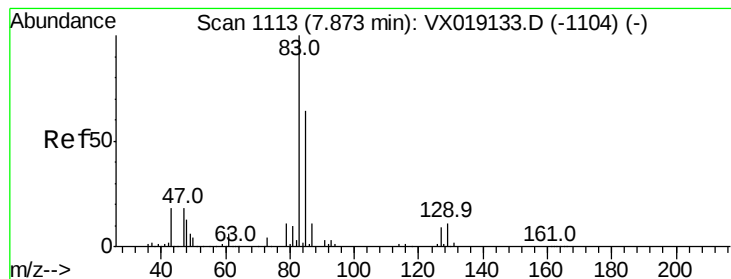
Ion Ratio Lower Upper

93 100

95 82.0 67.0 100.6

174 97.5 81.7 122.5





#47

Bromodichloromethane

Concen: 55.727 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

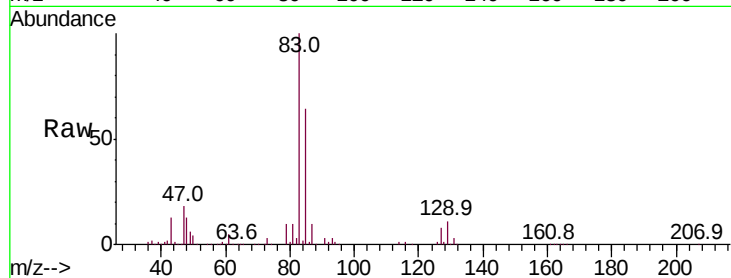
Tot Ion: 83 Resp: 248485

Ion Ratio Lower Upper

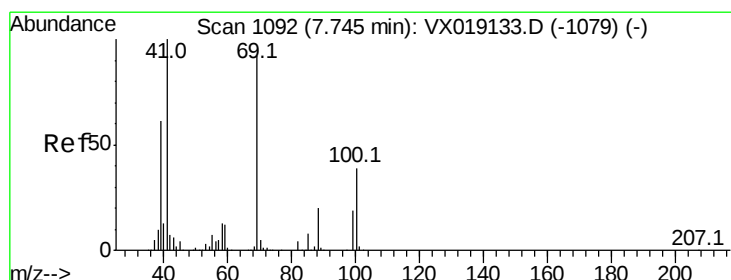
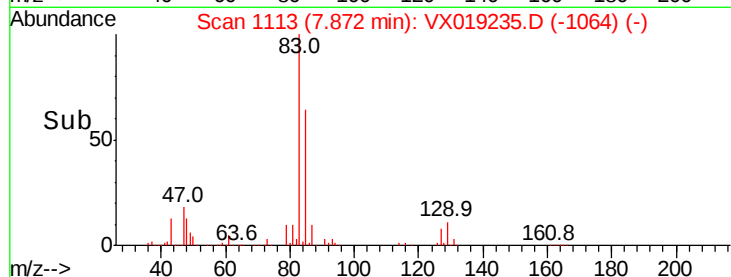
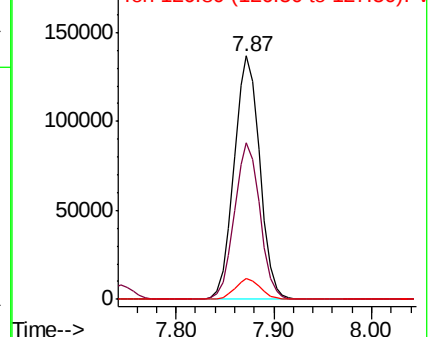
83 100

85 64.3 51.2 76.8

127 8.3 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: 54.756 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

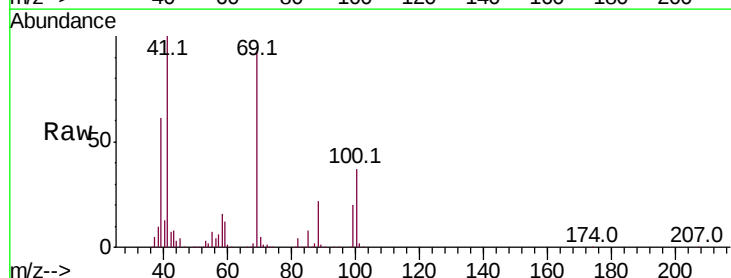
Tgt Ion: 41 Resp: 180492

Ion Ratio Lower Upper

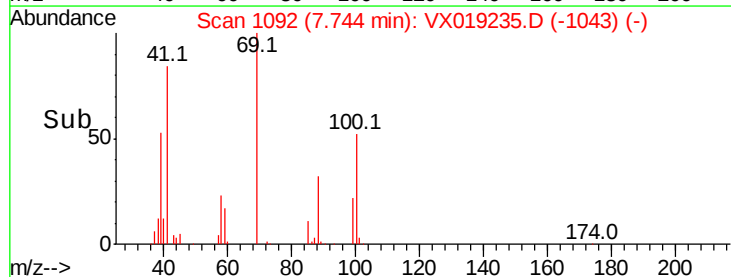
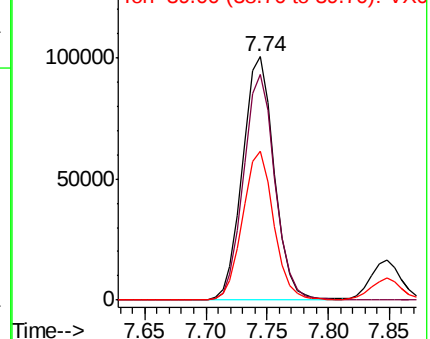
41 100

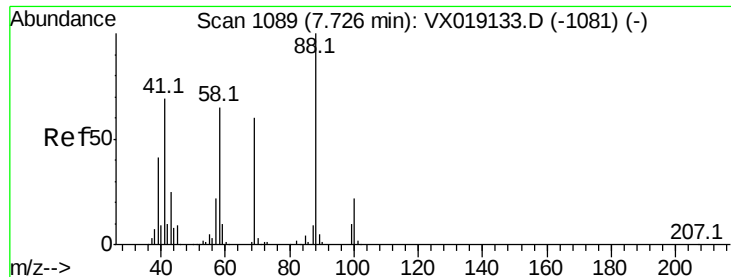
69 92.4 75.5 113.3

39 60.1 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



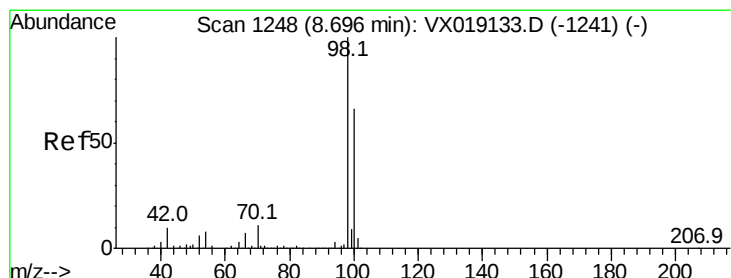
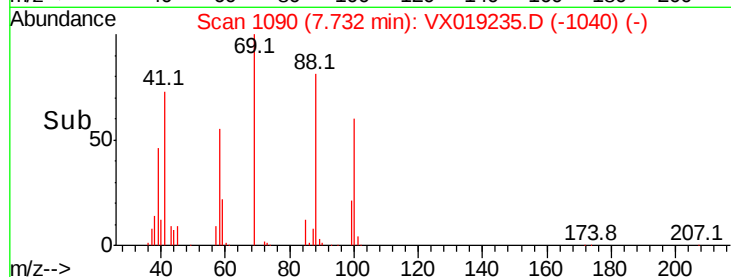
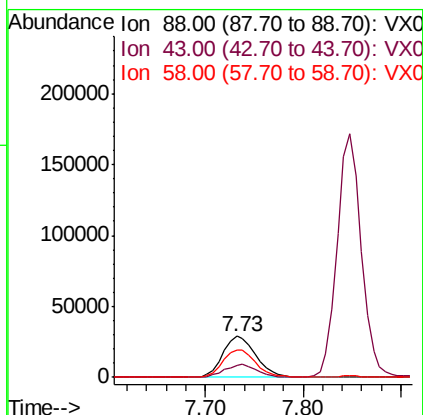
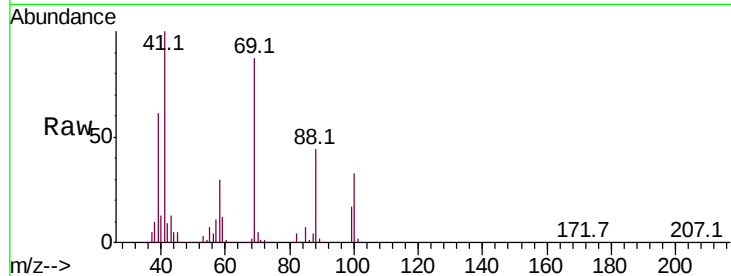


#49
 1,4-Dioxane
 Concen: 931.484 ug/l
 RT: 7.73 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 68283

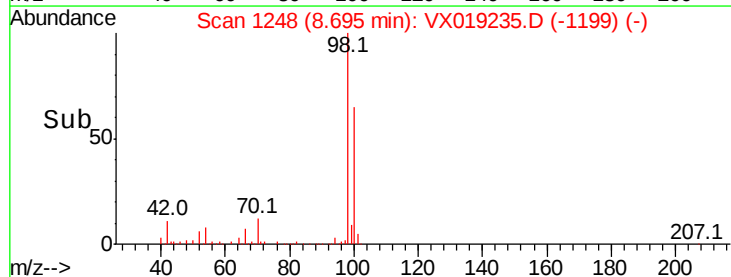
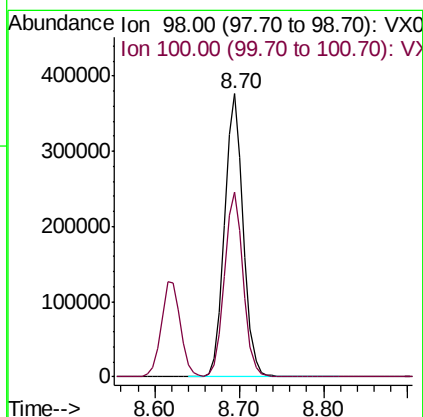
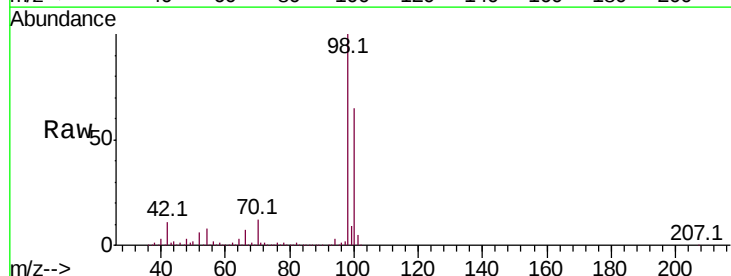
Ion	Ratio	Lower	Upper
88	100		
43	30.6	23.0	34.6
58	67.7	52.2	78.2

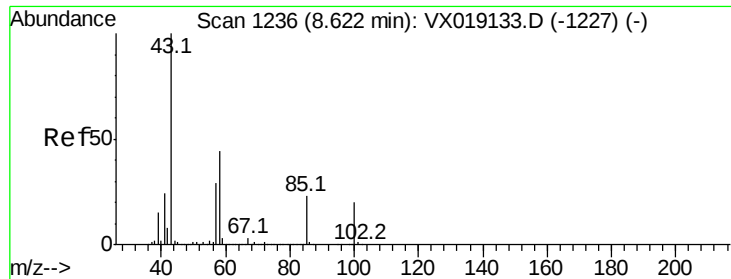


#50
 Toluene-d8
 Concen: 50.720 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Tgt Ion: 98 Resp: 572928

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 274.106 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

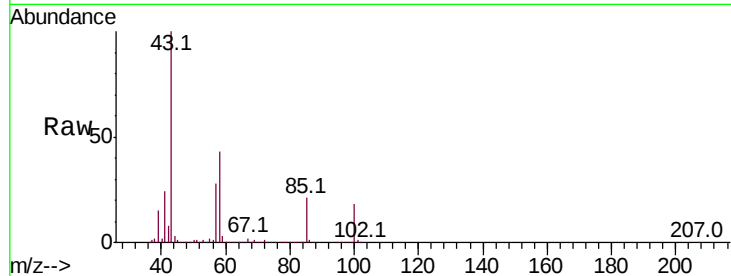
VSTDCCC050

Tot Ion: 43 Resp: 1078939

Ion Ratio Lower Upper

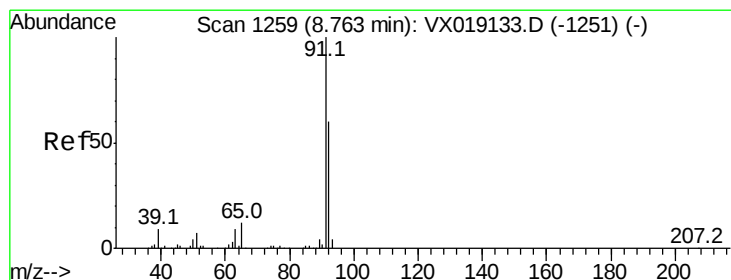
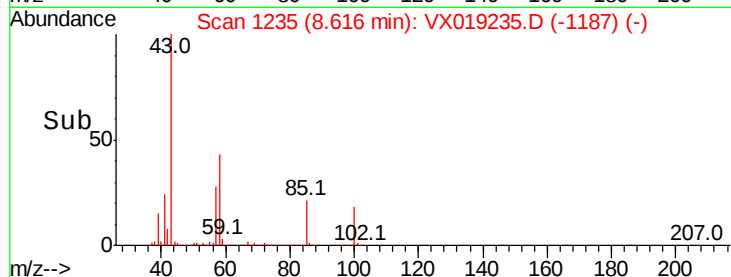
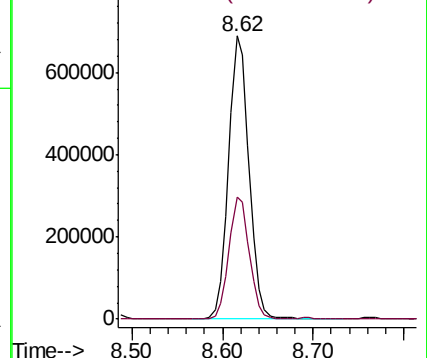
43 100

58 43.3 35.0 52.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.589 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019235.D

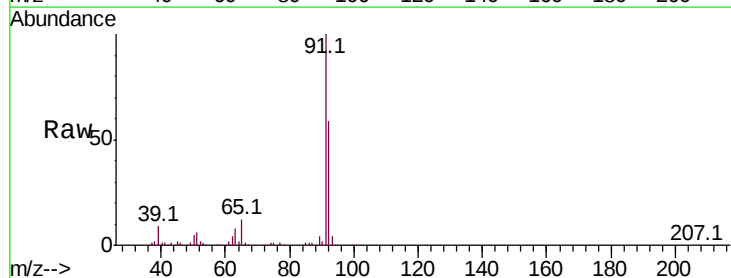
Acq: 03 Nov 2020 15:54

Tgt Ion: 92 Resp: 439139

Ion Ratio Lower Upper

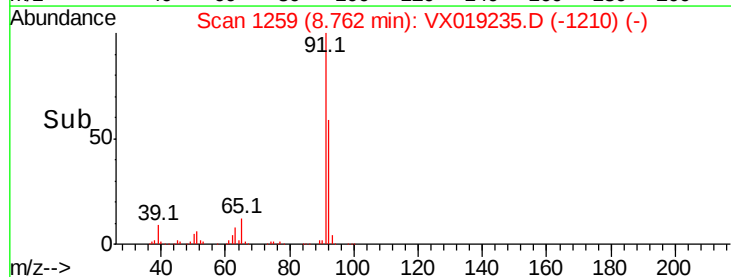
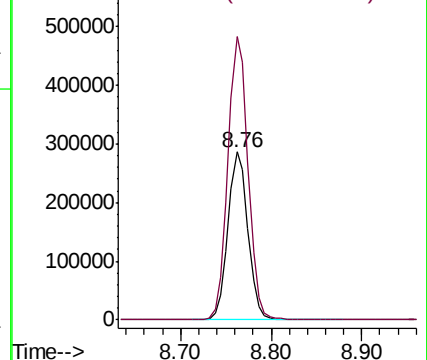
92 100

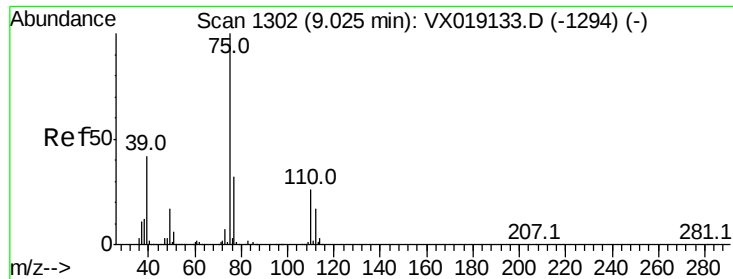
91 170.1 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 54.550 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

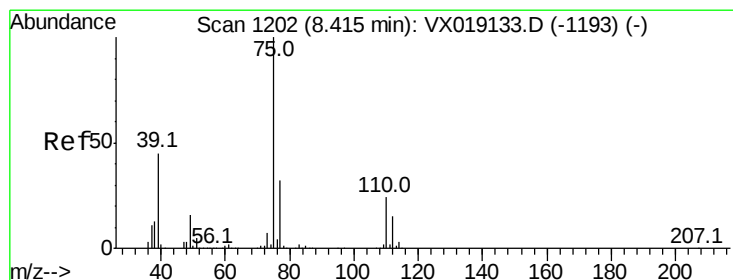
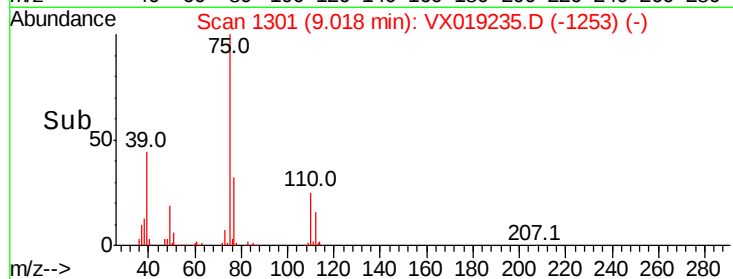
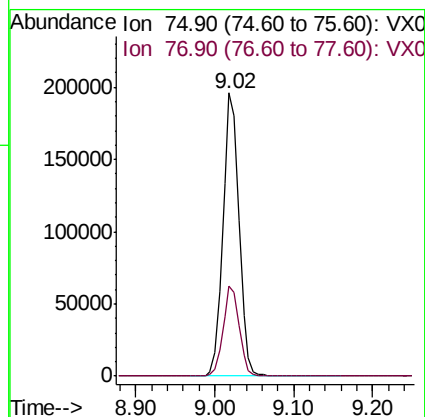
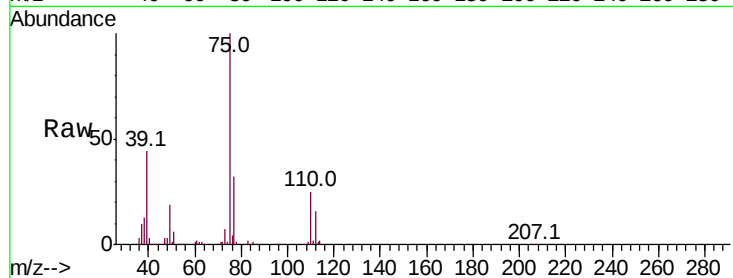
VSTDCCC050

Tot Ion: 75 Resp: 277818

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 54.747 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

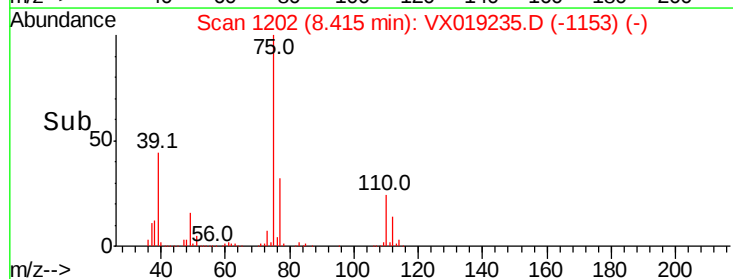
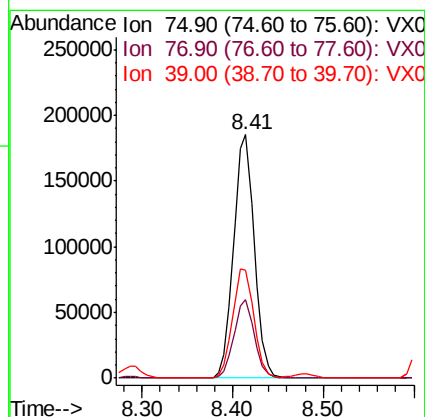
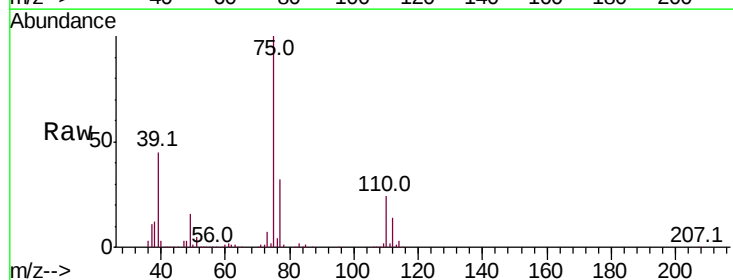
Tgt Ion: 75 Resp: 293196

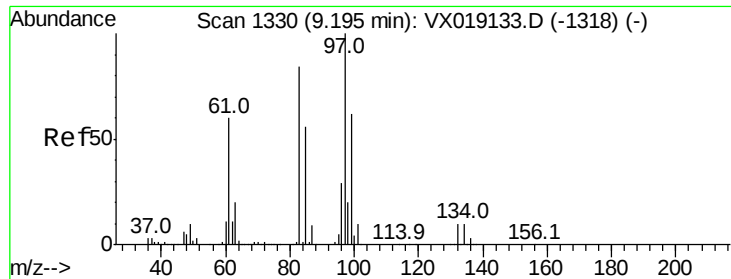
Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3

39 44.5 36.2 54.2

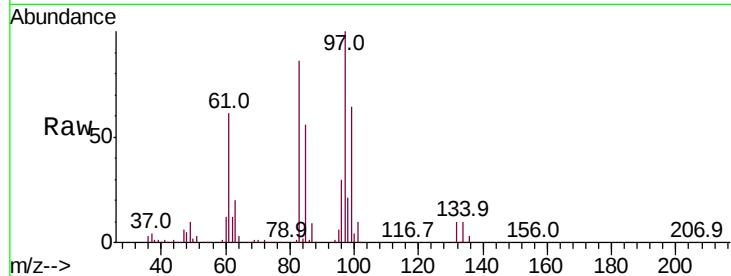




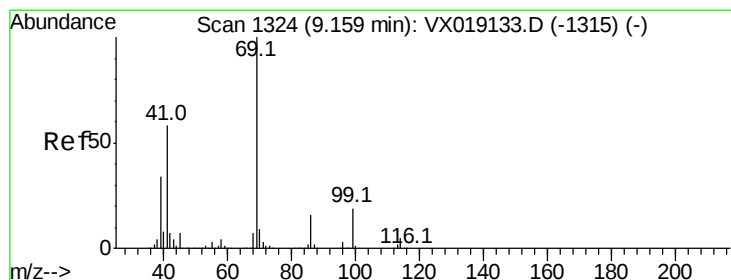
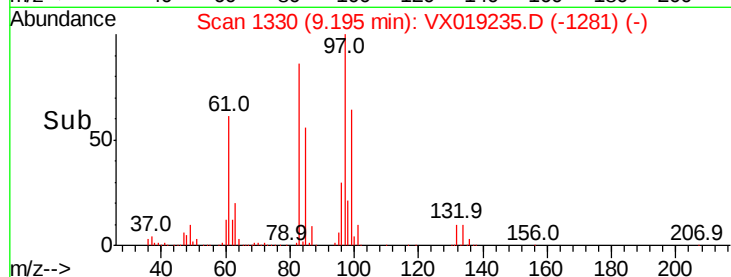
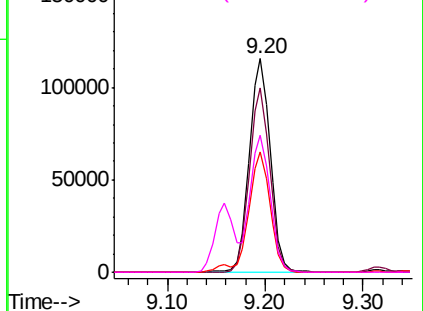
#55
 1,1,2-Trichloroethane
 Concen: 54.222 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 172342
 Ion Ratio Lower Upper
 97 100
 83 86.4 67.2 100.8
 85 56.3 44.6 67.0
 99 64.2 49.4 74.0

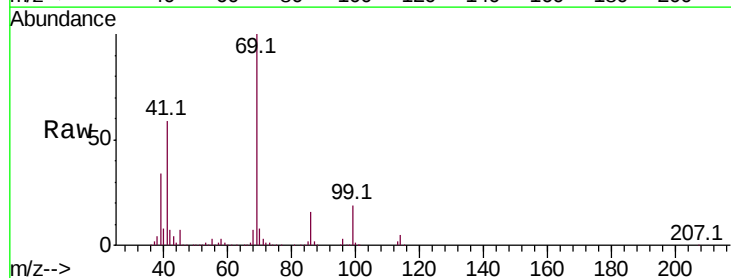


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

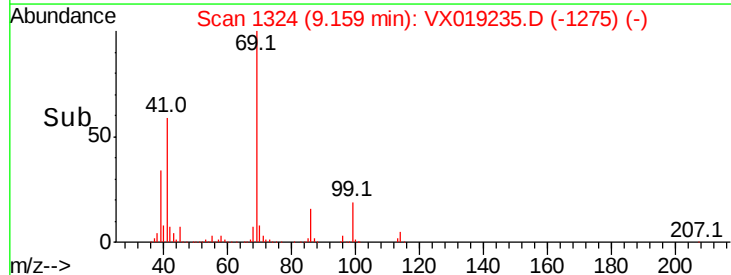
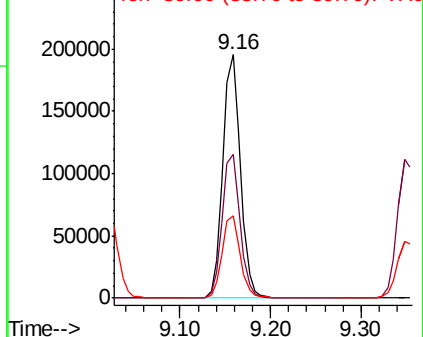


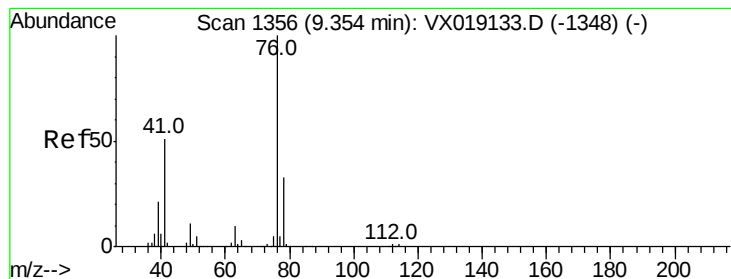
#56
 Ethyl methacrylate
 Concen: 55.234 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Tgt Ion: 69 Resp: 265174
 Ion Ratio Lower Upper
 69 100
 41 60.0 46.5 69.7
 39 34.8 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: 55.243 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

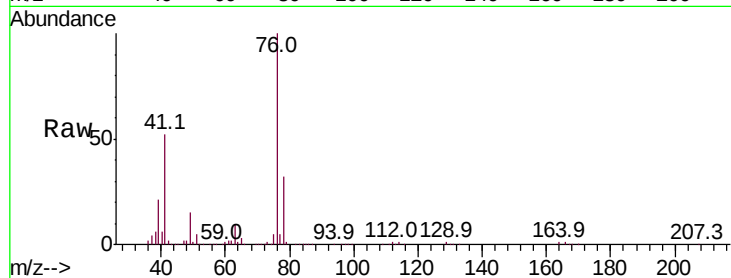
VSTDCCC050

Tot Ion: 76 Resp: 296038

Ion Ratio Lower Upper

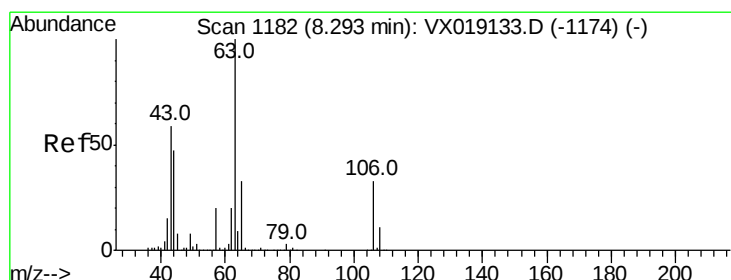
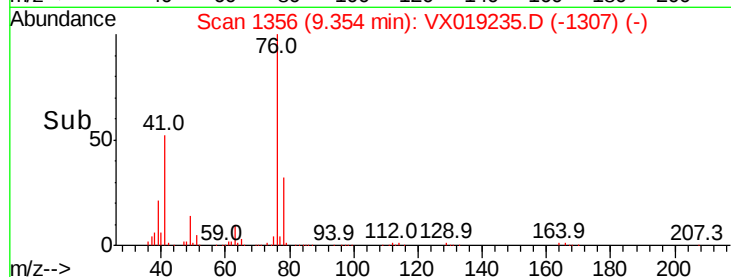
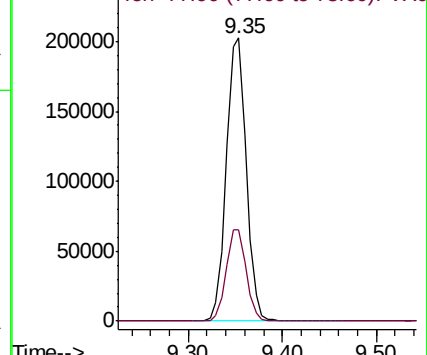
76 100

78 32.6 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: 271.302 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX019235.D

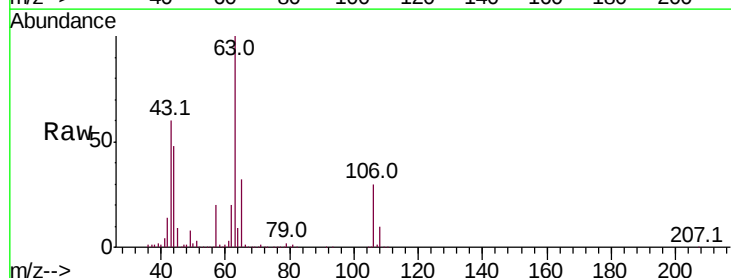
Acq: 03 Nov 2020 15:54

Tgt Ion: 63 Resp: 728434

Ion Ratio Lower Upper

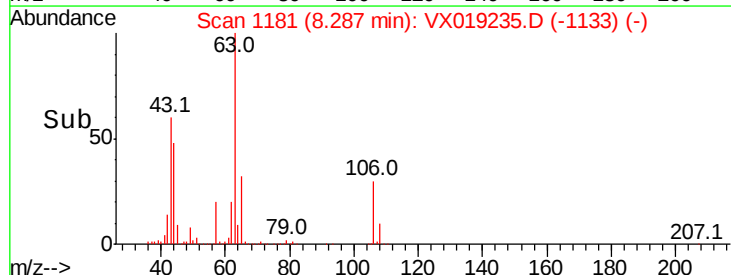
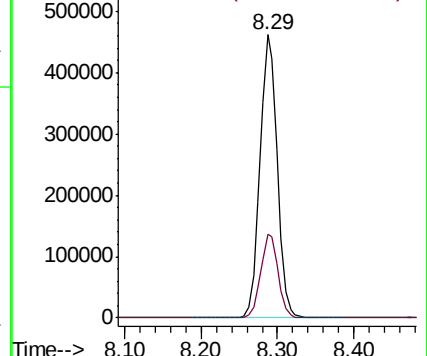
63 100

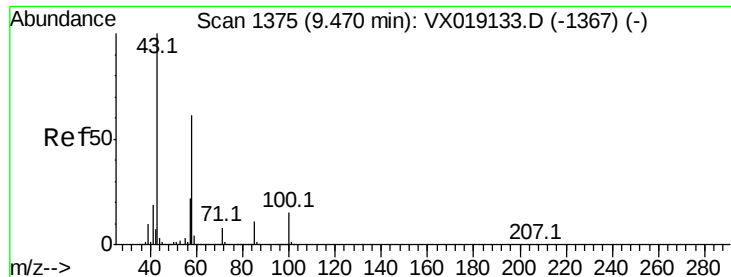
106 29.9 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

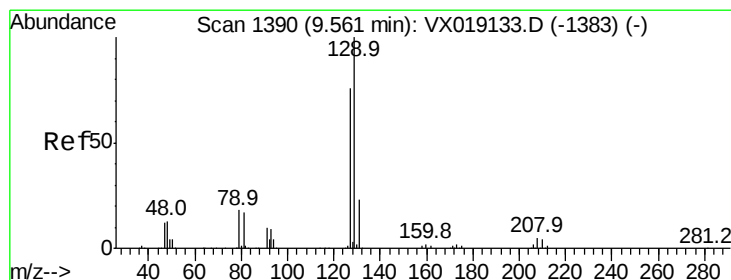
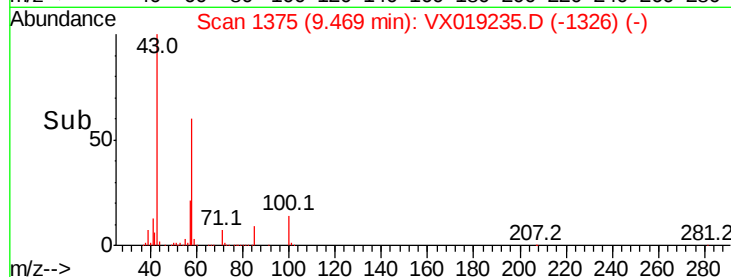
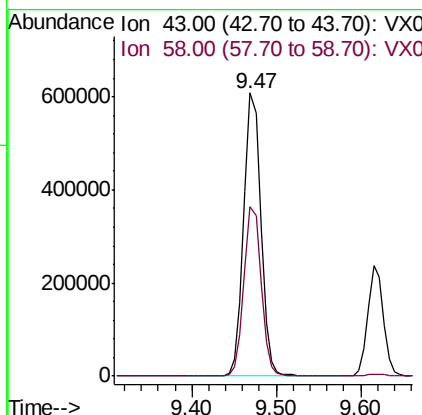
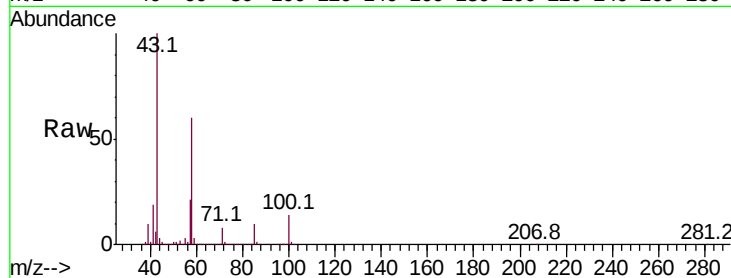




#59
2-Hexanone
Concen: 275.781 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

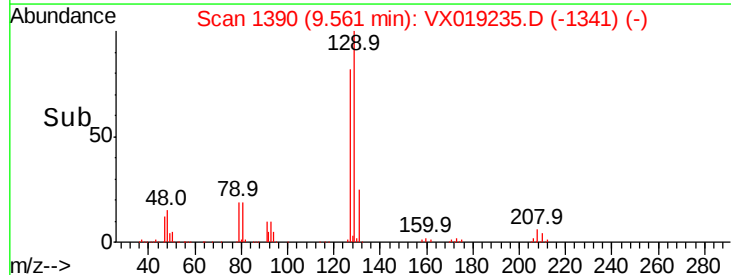
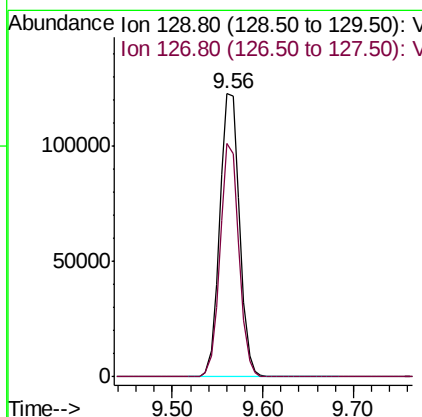
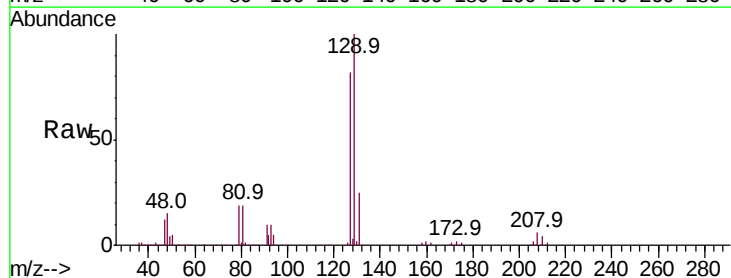
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

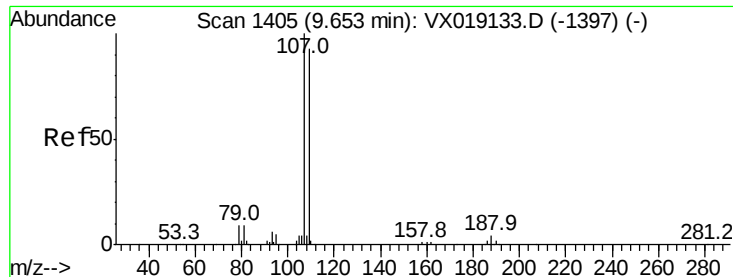
Tot Ion: 43 Resp: 826317
Ion Ratio Lower Upper
43 100
58 60.1 30.5 91.5



#60
Dibromochloromethane
Concen: 54.017 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion: 129 Resp: 186327
Ion Ratio Lower Upper
129 100
127 78.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.792 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

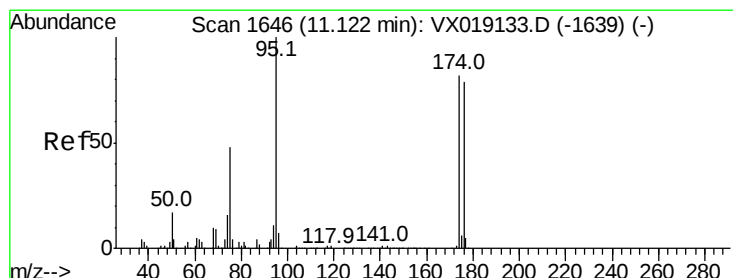
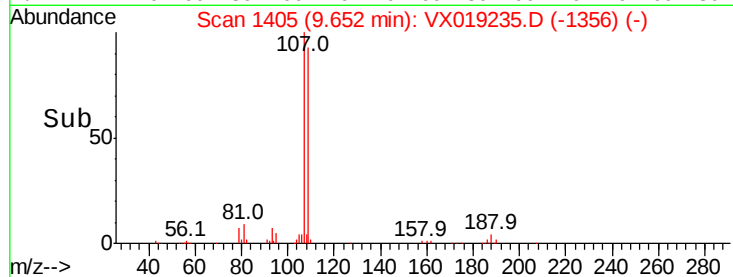
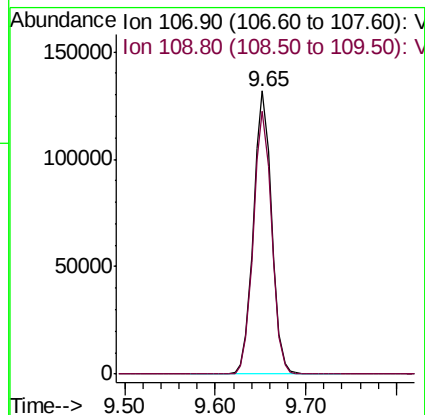
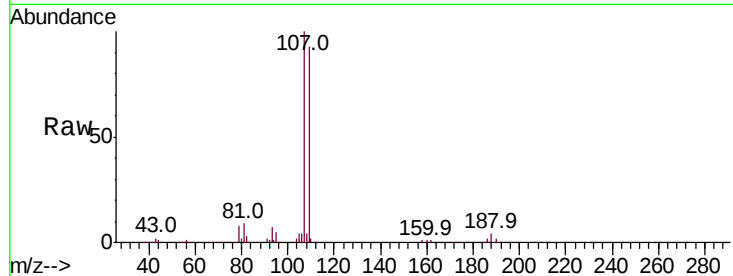
VSTDCCC050

Tot Ion:107 Resp: 182831

Ion Ratio Lower Upper

107 100

109 94.1 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 47.259 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

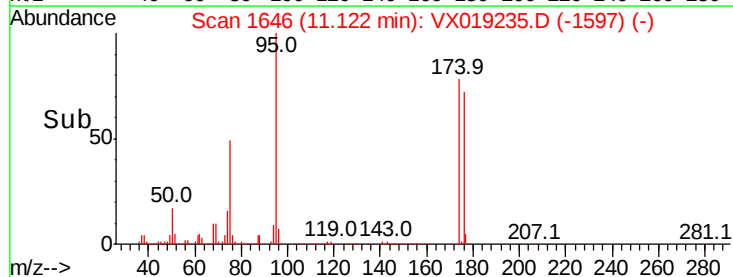
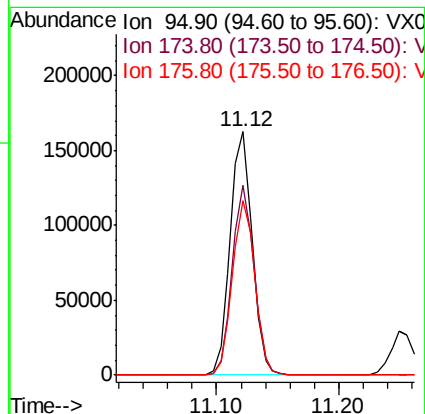
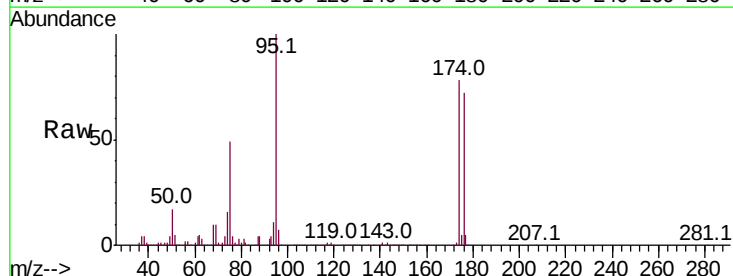
Tgt Ion: 95 Resp: 202163

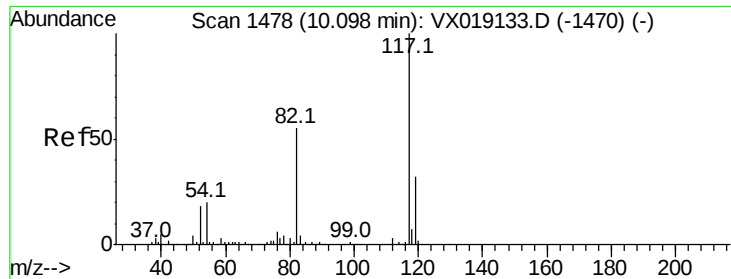
Ion Ratio Lower Upper

95 100

174 77.0 0.0 156.0

176 72.5 0.0 149.8

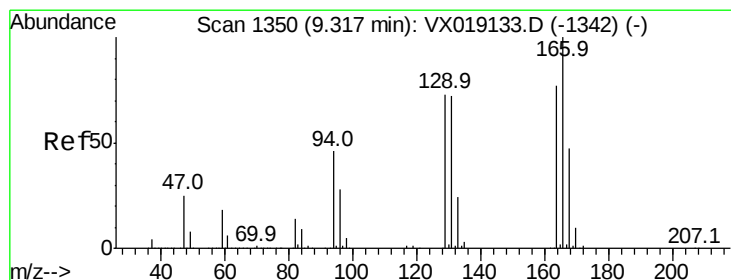
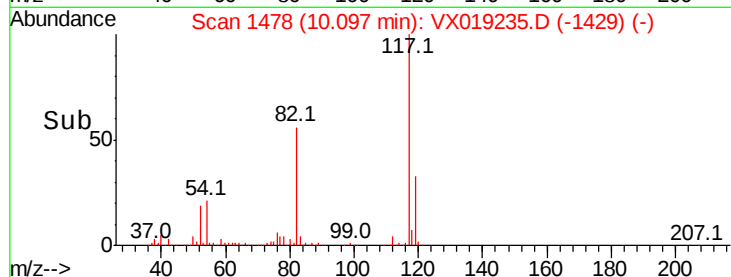
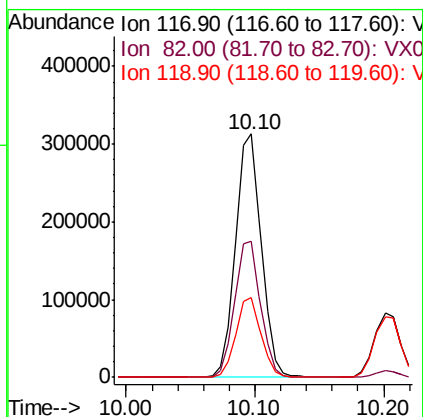
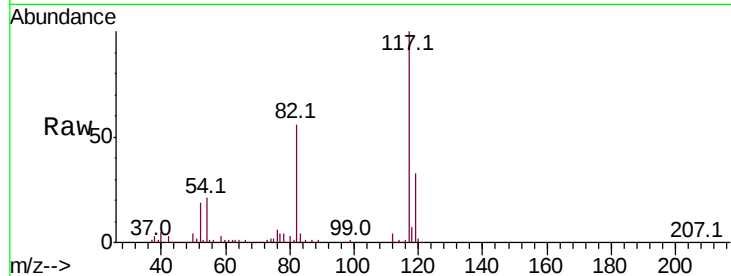




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

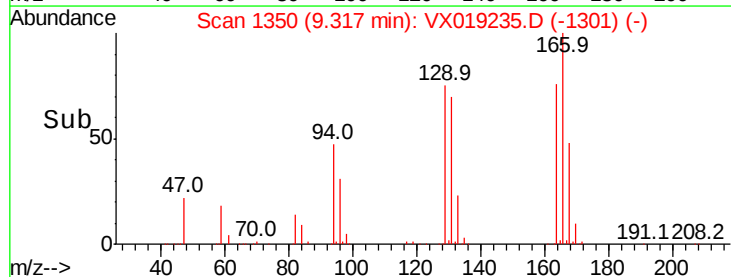
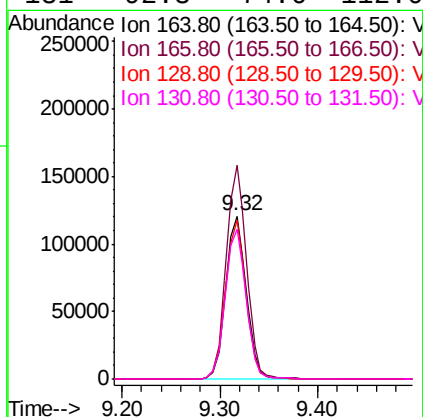
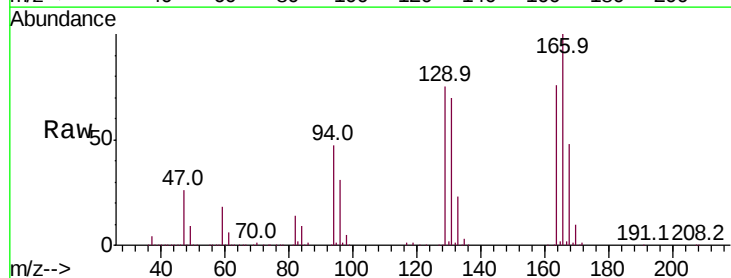
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

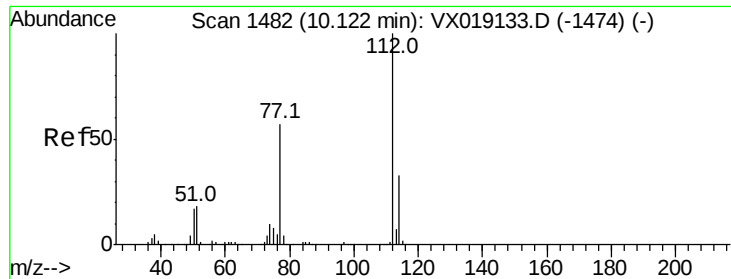
Tot Ion:117 Resp: 435921
Ion Ratio Lower Upper
117 100
82 55.8 43.6 65.4
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 53.153 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion:164 Resp: 176535
Ion Ratio Lower Upper
164 100
166 131.1 104.1 156.1
129 97.7 76.2 114.4
131 92.3 74.6 112.0

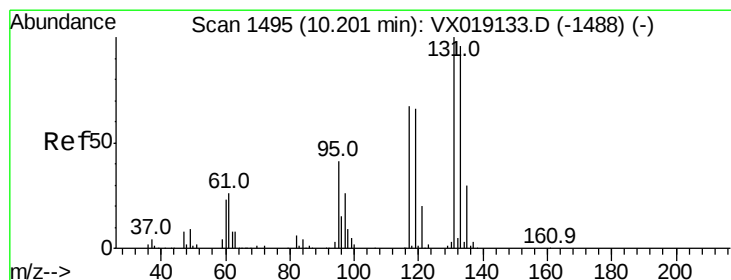
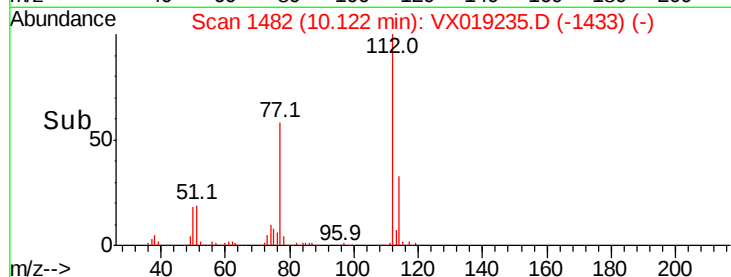
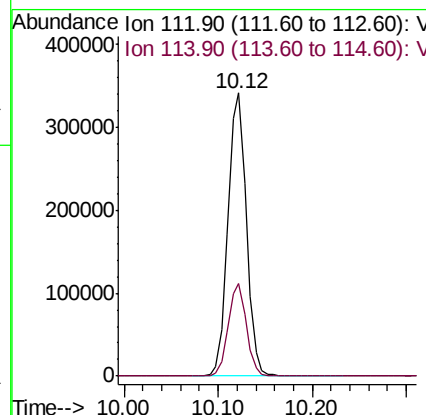
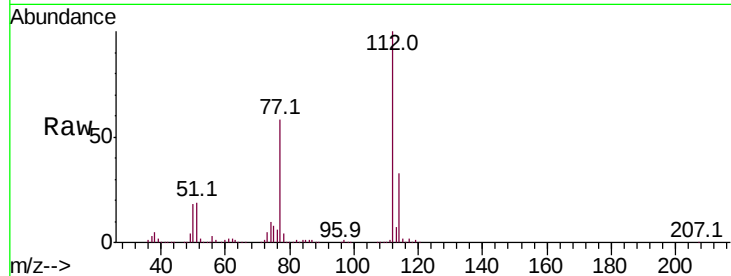




#65
Chlorobenzene
Concen: 51.890 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

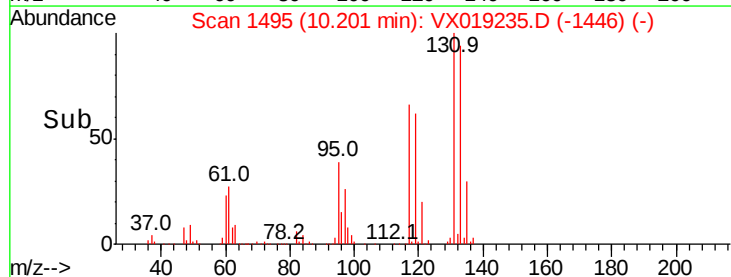
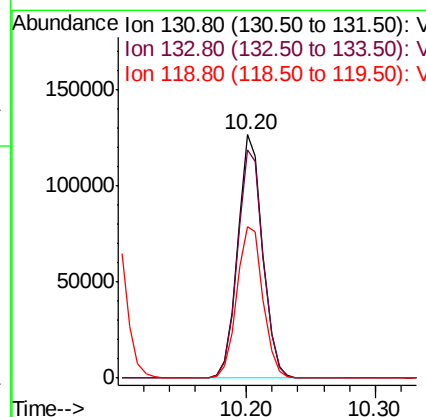
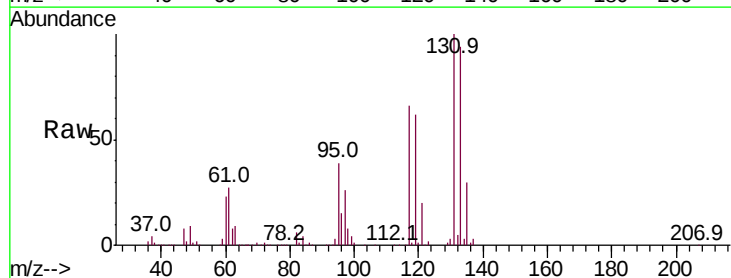
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

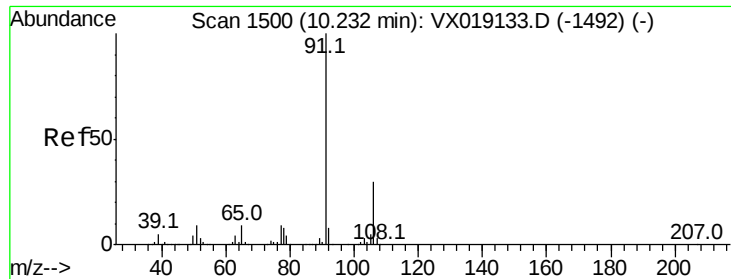
Tot Ion:112 Resp: 462334
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 53.084 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion:131 Resp: 170270
Ion Ratio Lower Upper
131 100
133 96.3 47.3 141.8
119 65.2 32.3 96.9

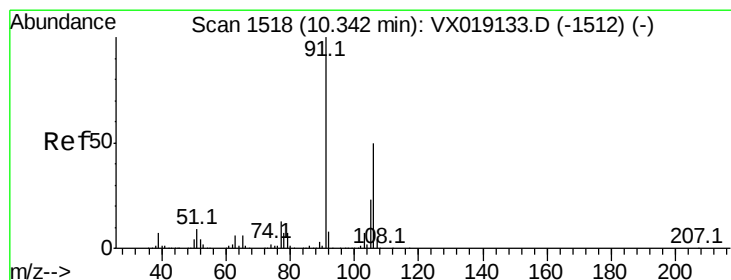
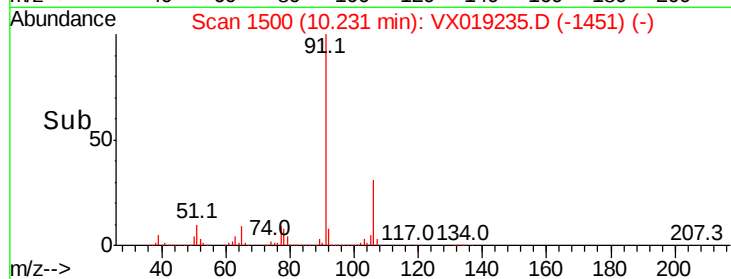
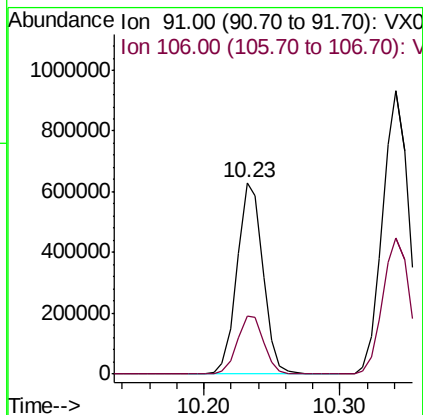
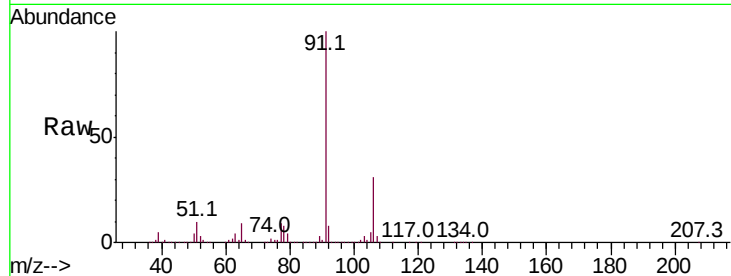




#67
Ethyl Benzene
Concen: 52.554 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

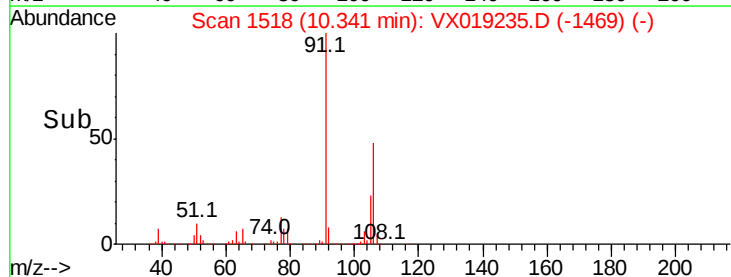
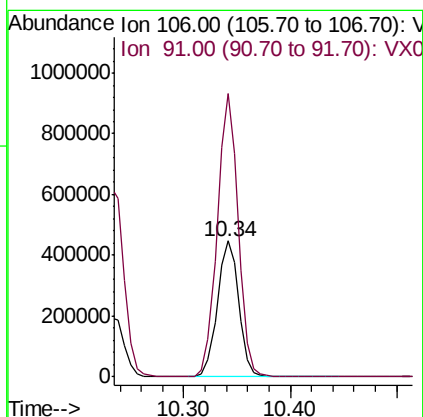
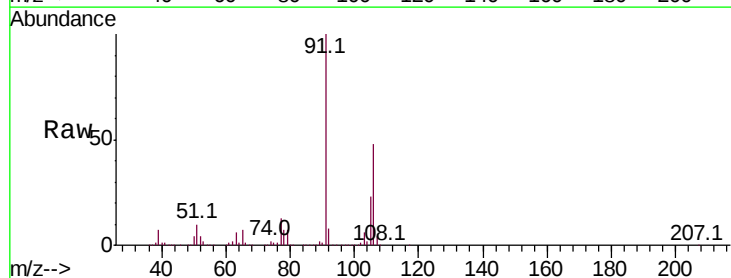
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

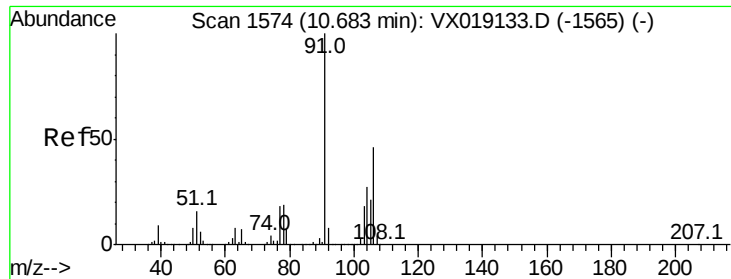
Tot Ion: 91 Resp: 834375
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5



#68
m/p-Xylenes
Concen: 104.189 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion: 106 Resp: 620837
Ion Ratio Lower Upper
106 100
91 204.0 161.0 241.4

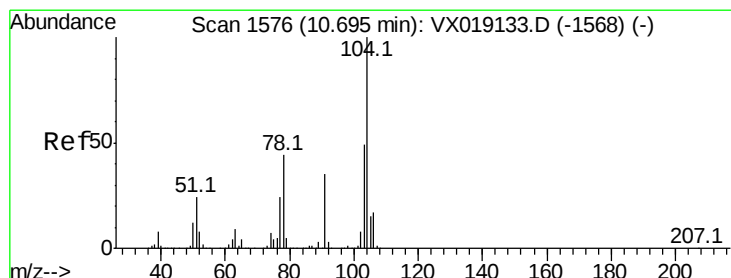
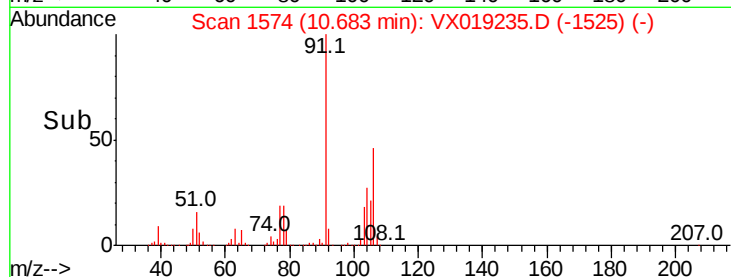
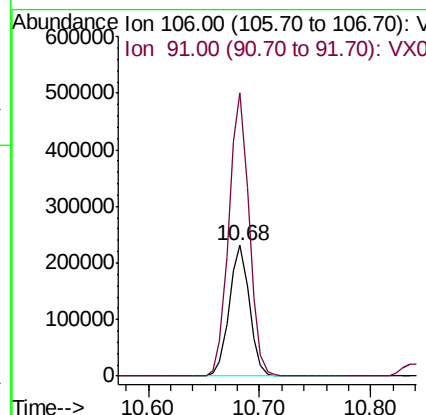
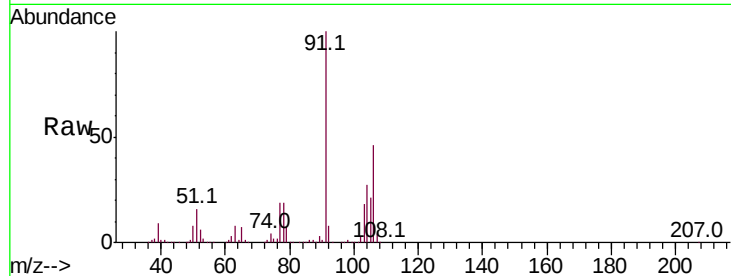




#69
o-Xylene
Concen: 51.539 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

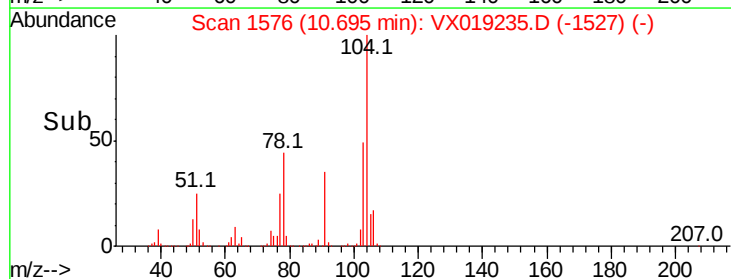
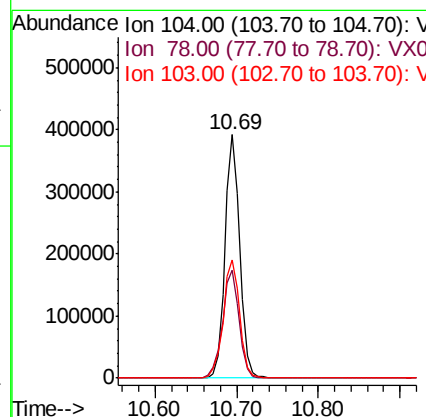
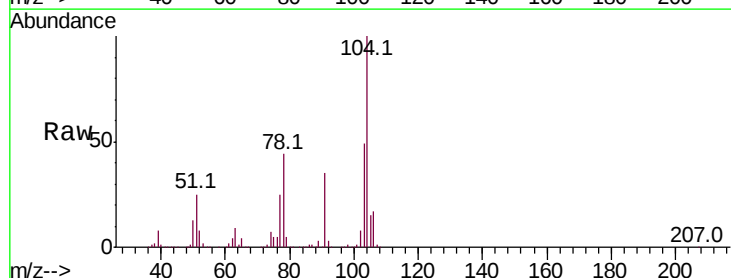
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

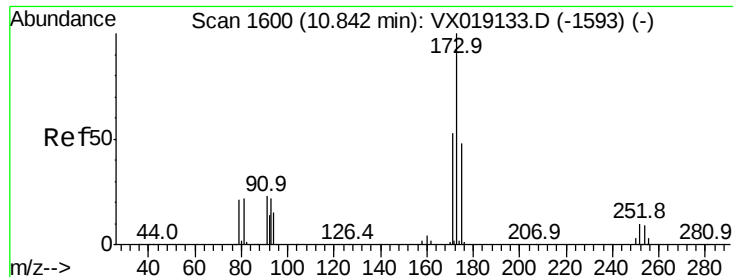
Tot Ion:106 Resp: 291288
Ion Ratio Lower Upper
106 100
91 216.7 108.3 324.8



#70
Styrene
Concen: 51.460 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion:104 Resp: 496243
Ion Ratio Lower Upper
104 100
78 50.4 40.0 60.0
103 54.3 43.5 65.3





#71

Bromoform

Concen: 47.778 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

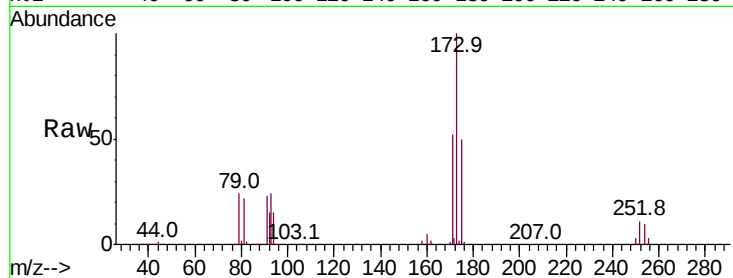
Tot Ion:173 Resp: 121506

Ion Ratio Lower Upper

173 100

175 49.6 24.4 73.4

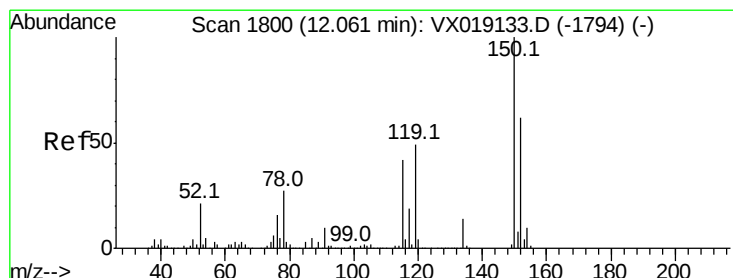
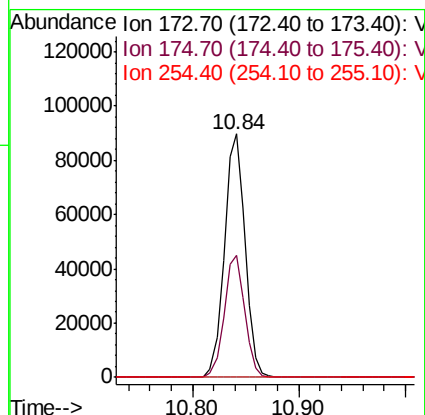
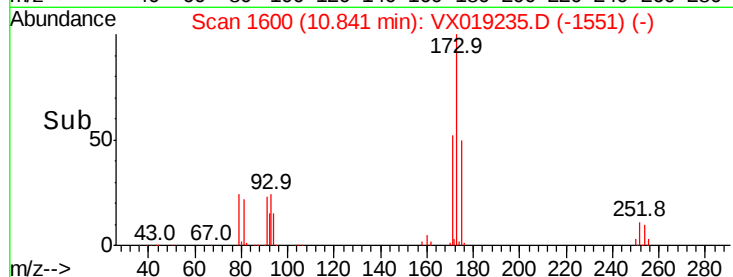
254 0.1 0.1 0.1#



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: VX019235.D

Acq: 03 Nov 2020 15:54

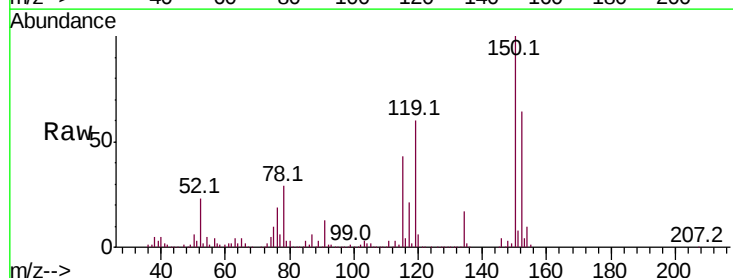
Tgt Ion:152 Resp: 199739

Ion Ratio Lower Upper

152 100

115 86.8 41.9 125.7

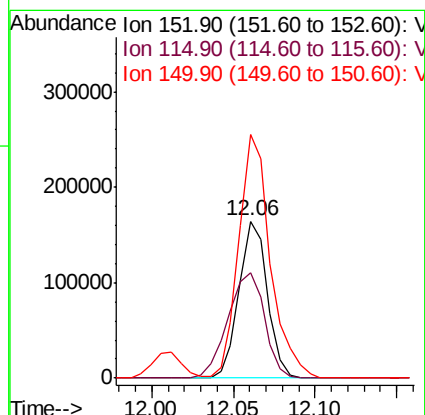
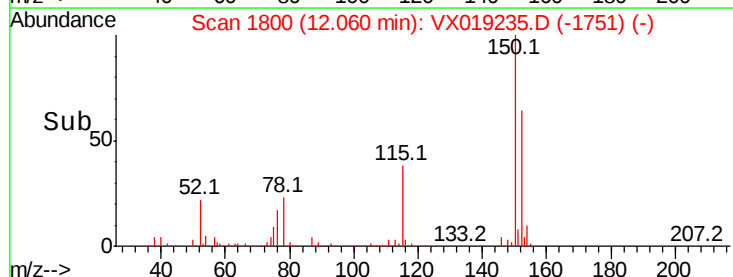
150 172.4 0.0 347.8

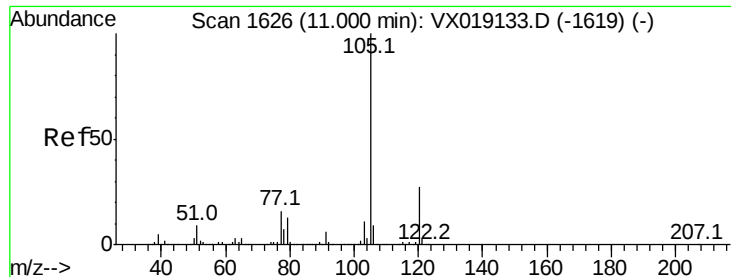


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.778 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

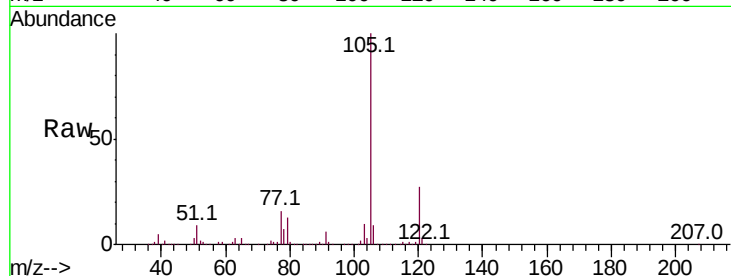
VSTDCCC050

Tot Ion:105 Resp: 802762

Ion Ratio Lower Upper

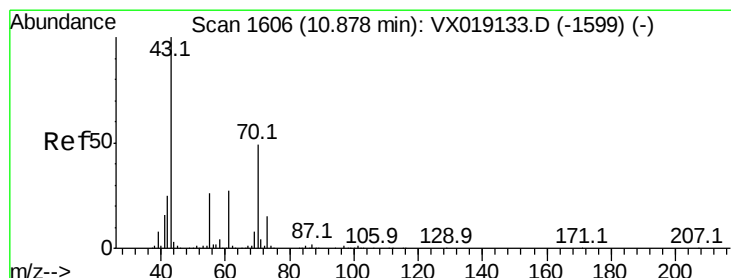
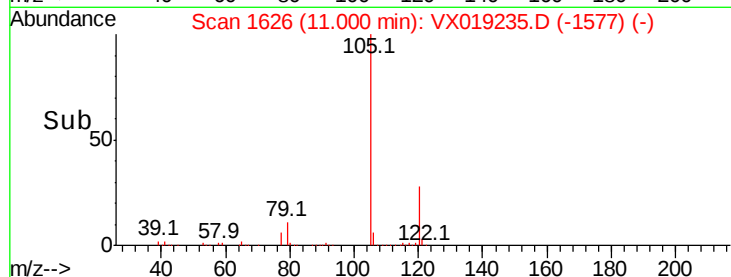
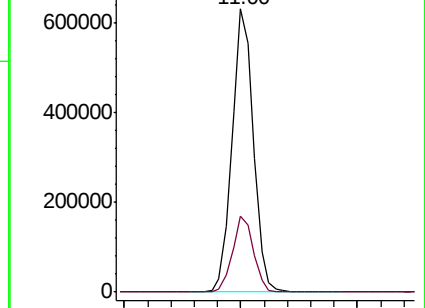
105 100

120 26.5 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: 55.685 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Tgt Ion: 43 Resp: 287861

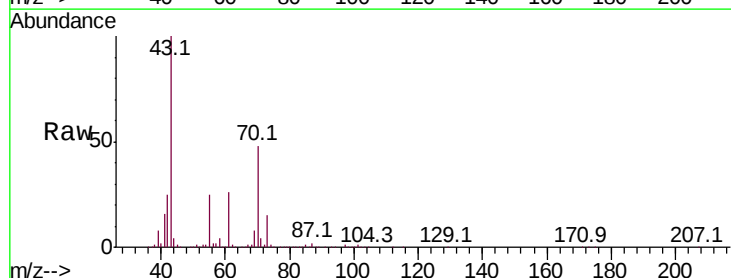
Ion Ratio Lower Upper

43 100

70 48.9 39.6 59.4

55 26.0 20.7 31.1

61 26.8 21.9 32.9

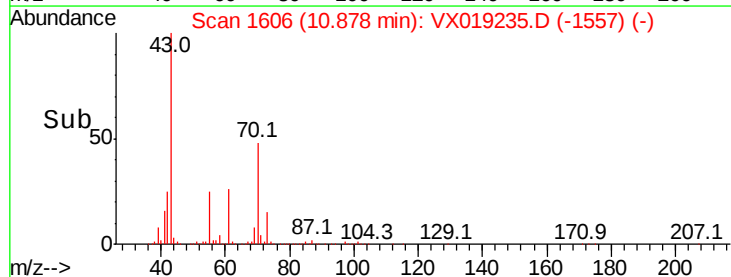
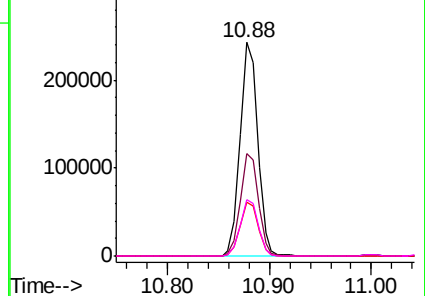


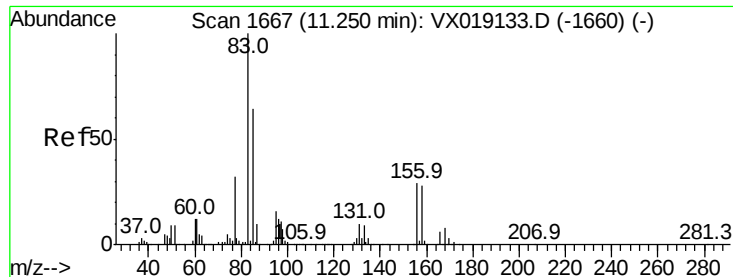
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.244 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

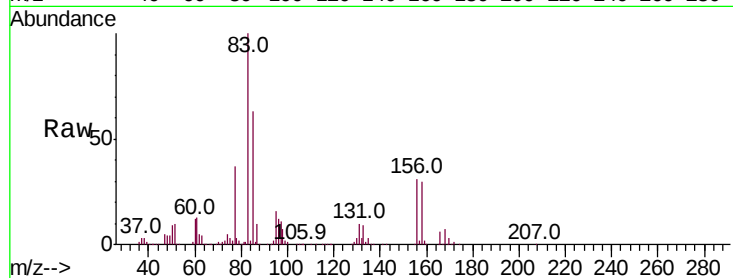
Tot Ion: 83 Resp: 230848

Ion Ratio Lower Upper

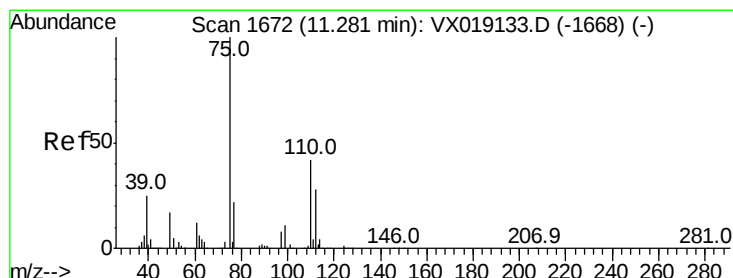
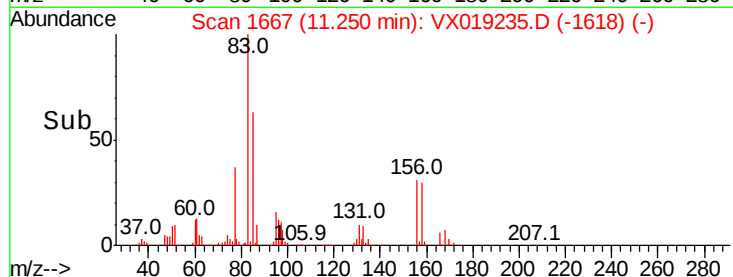
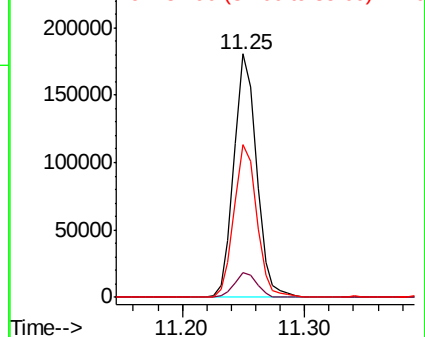
83 100

131 10.1 5.2 15.6

85 63.2 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: 66.986 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019235.D

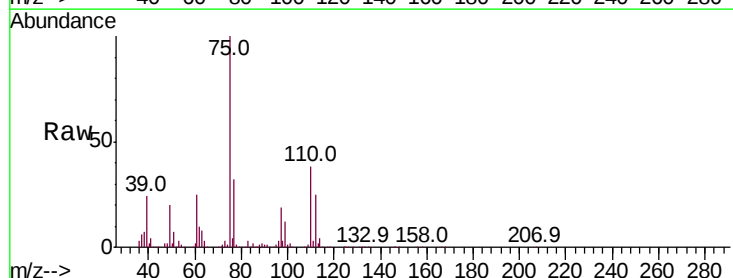
Acq: 03 Nov 2020 15:54

Tgt Ion: 75 Resp: 276264

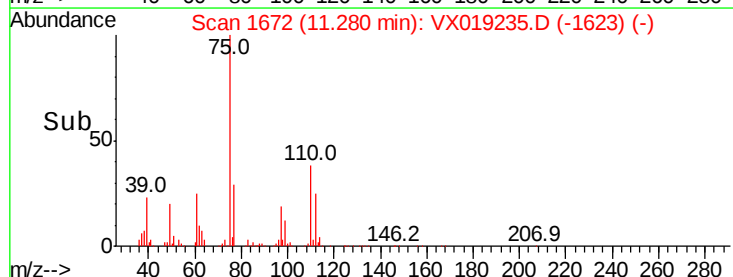
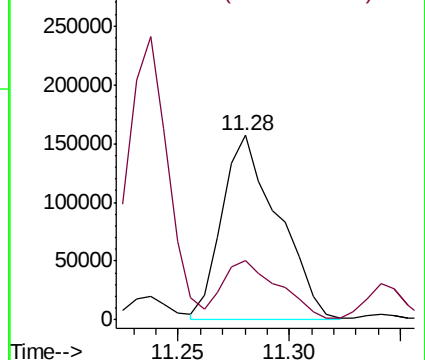
Ion Ratio Lower Upper

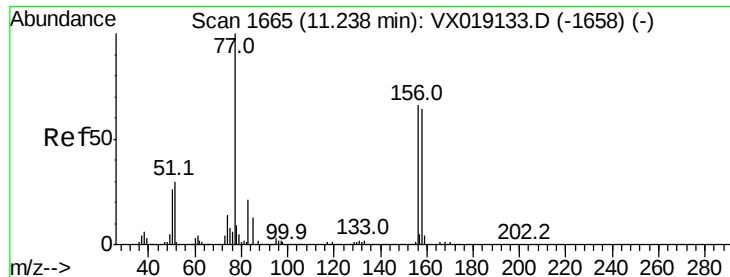
75 100

77 32.2 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: 52.976 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

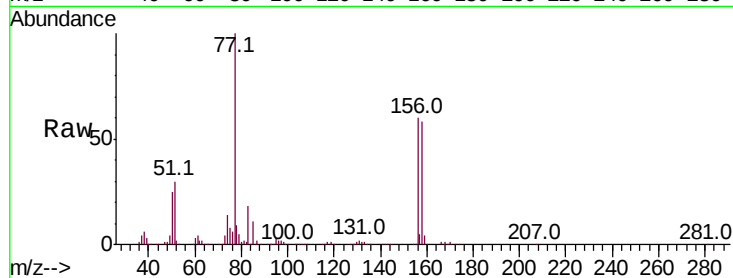
Tot Ion:156 Resp: 185892

Ion Ratio Lower Upper

156 100

77 164.2 77.7 233.1

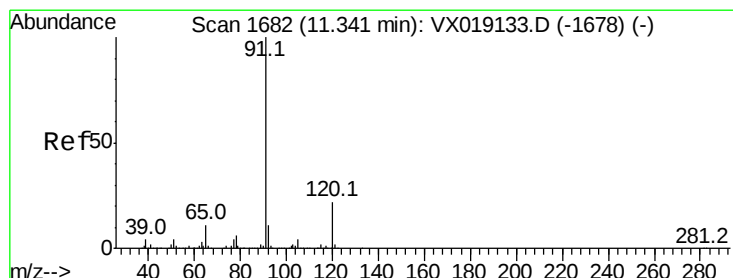
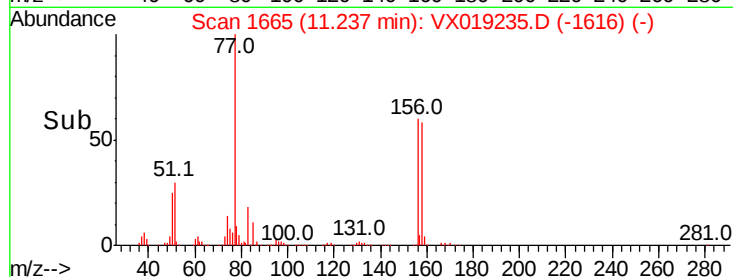
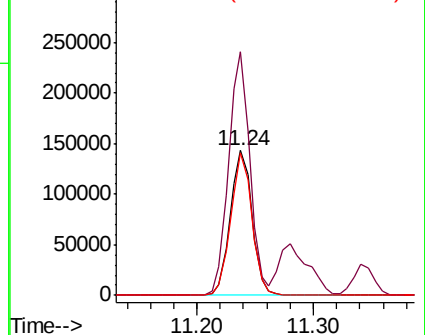
158 95.5 48.3 144.8



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: 56.478 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019235.D

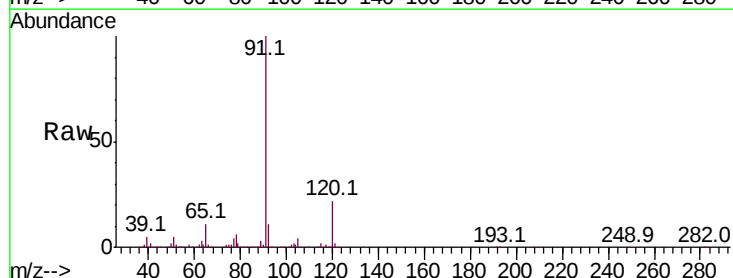
Acq: 03 Nov 2020 15:54

Tgt Ion: 91 Resp: 911534

Ion Ratio Lower Upper

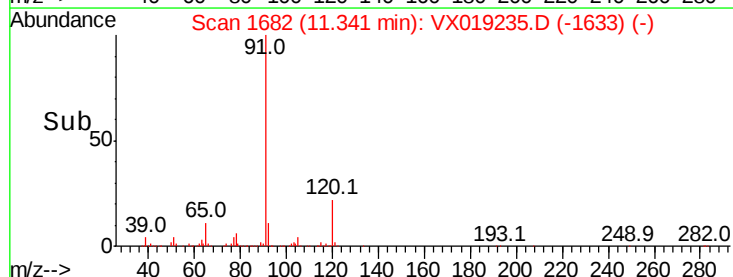
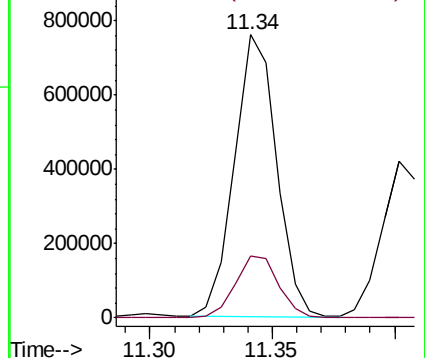
91 100

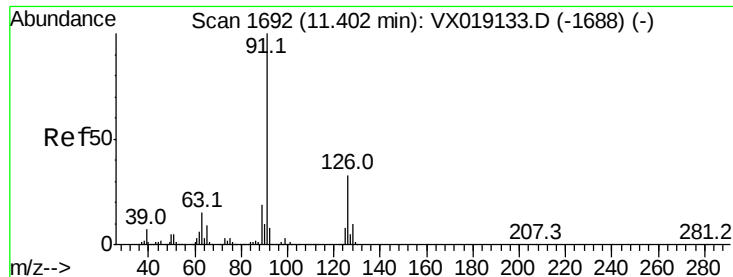
120 22.9 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

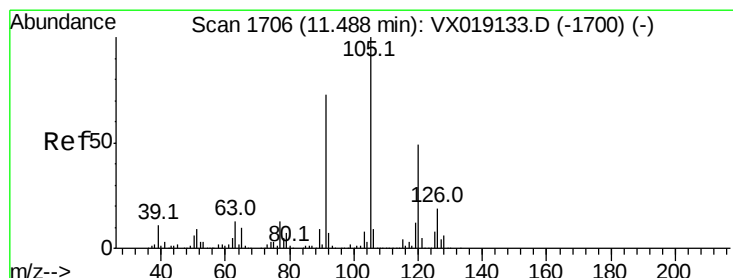
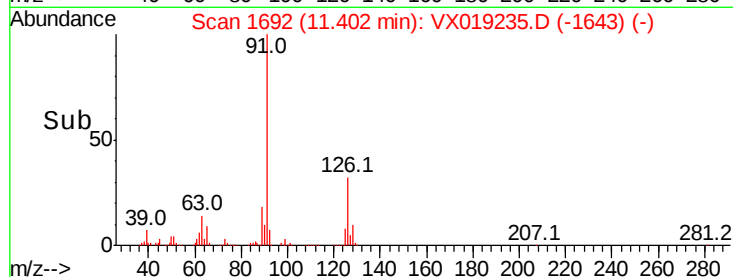
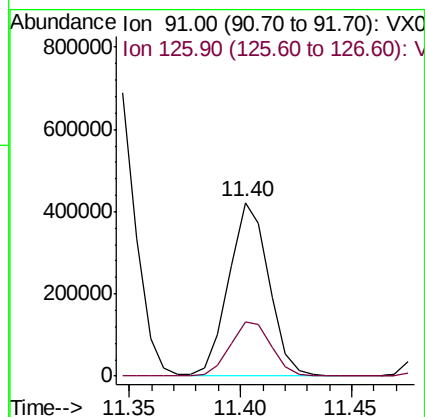
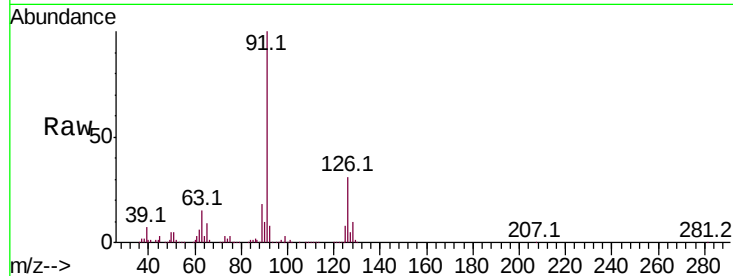




#79
 2-Chlorotoluene
 Concen: 55.389 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

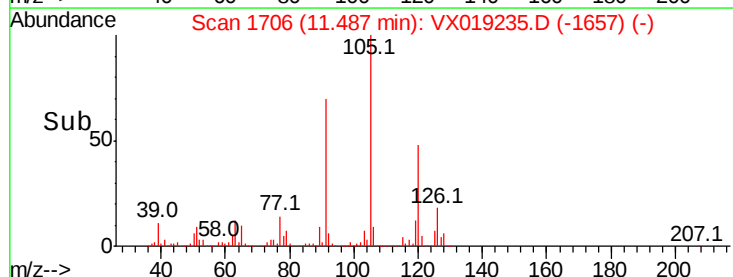
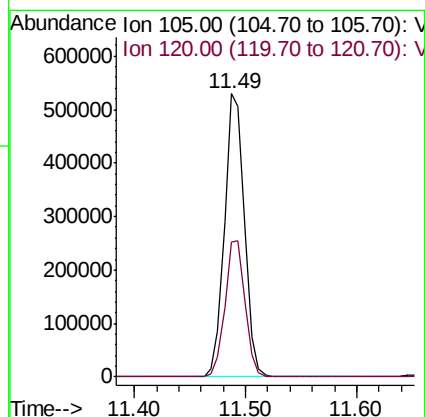
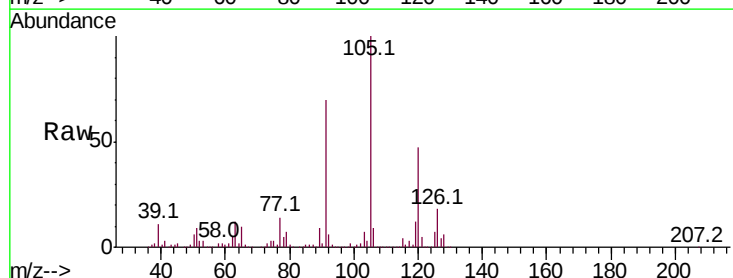
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

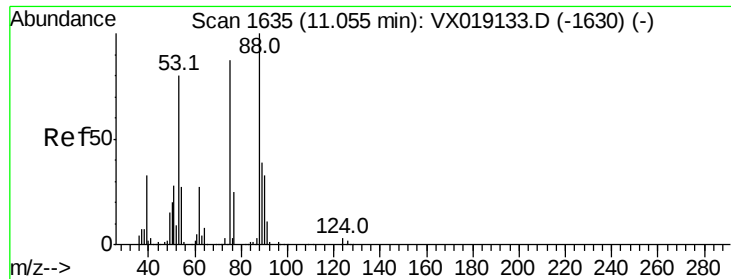
Tot Ion: 91 Resp: 526311
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 54.631 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Tgt Ion: 105 Resp: 652526
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.778 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019235.D

Acq: 03 Nov 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

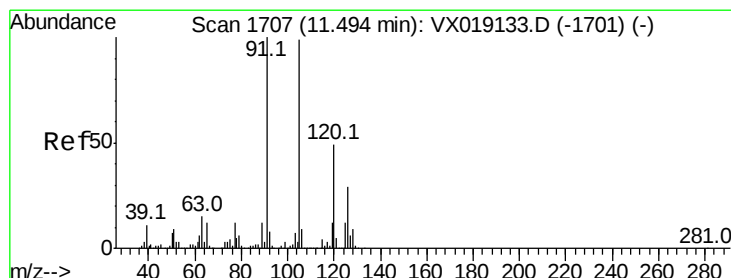
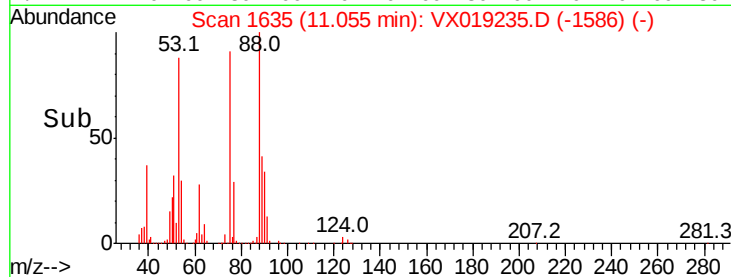
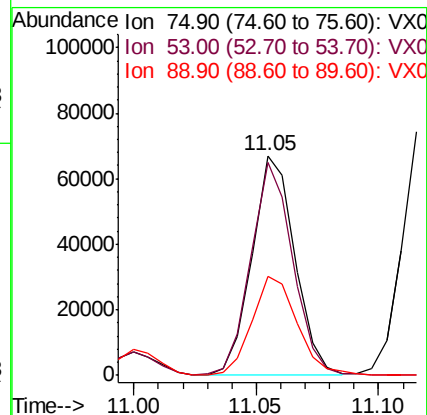
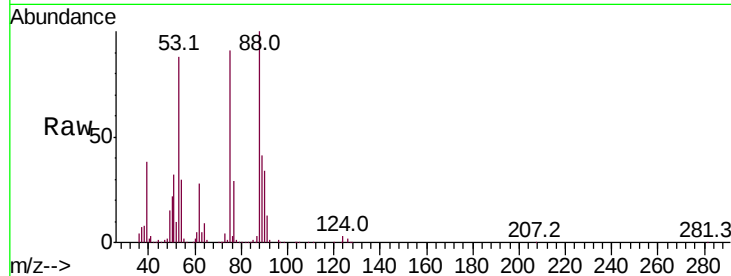
Tot Ion: 75 Resp: 81103

Ion Ratio Lower Upper

75 100

53 95.2 73.3 109.9

89 47.8 38.2 57.2



#82

4-Chlorotoluene

Concen: 53.669 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019235.D

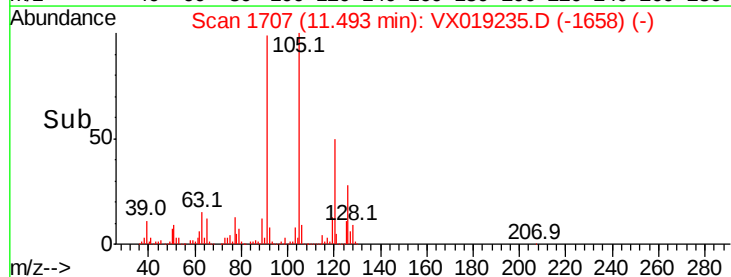
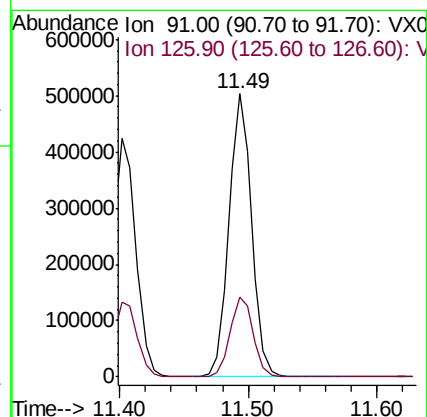
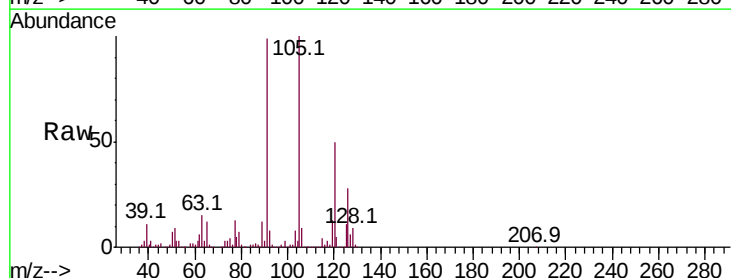
Acq: 03 Nov 2020 15:54

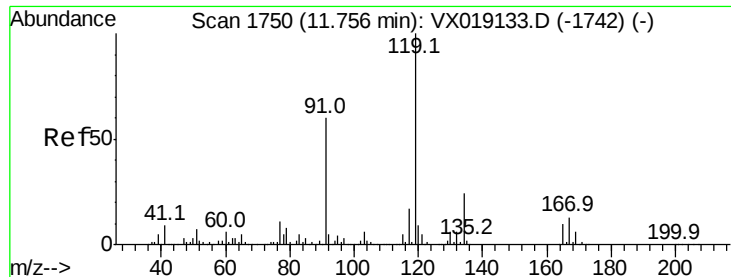
Tgt Ion: 91 Resp: 622740

Ion Ratio Lower Upper

91 100

126 28.8 14.8 44.4

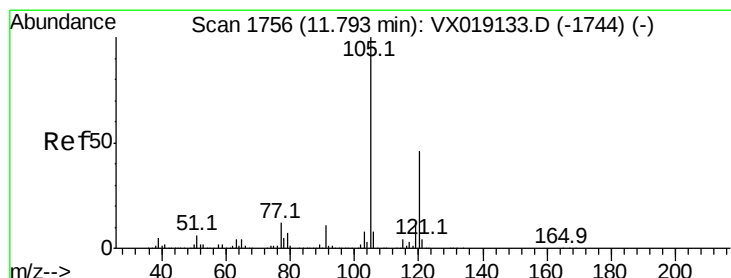
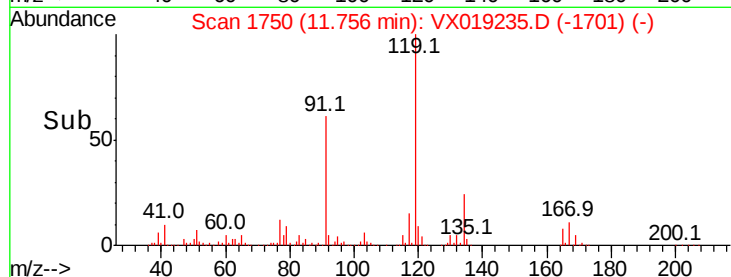
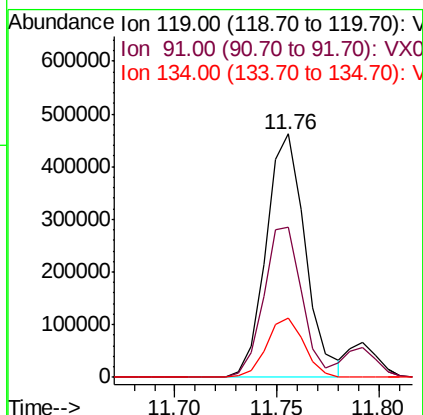
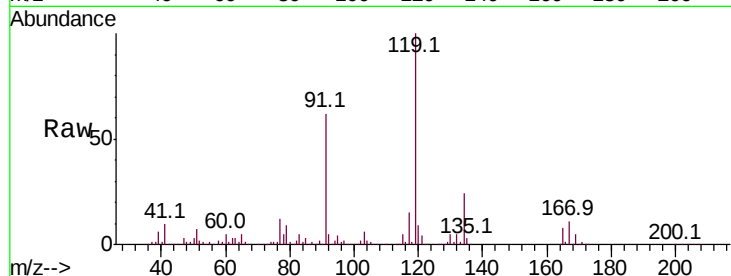




#83
tert-Butylbenzene
Concen: 54.071 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

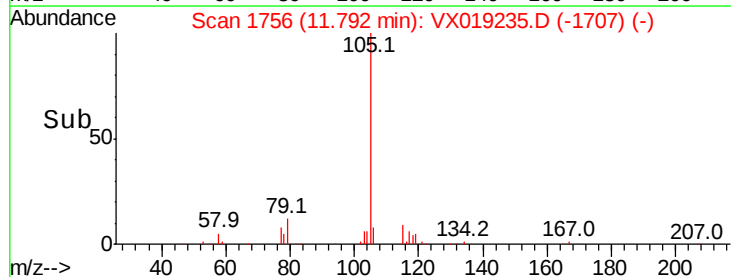
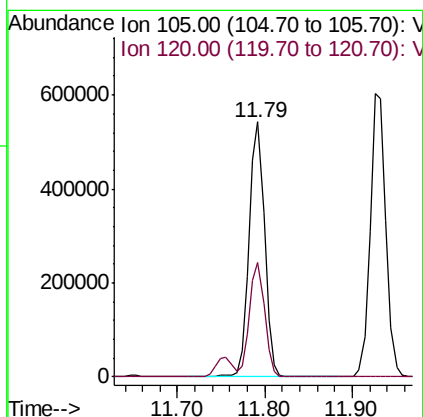
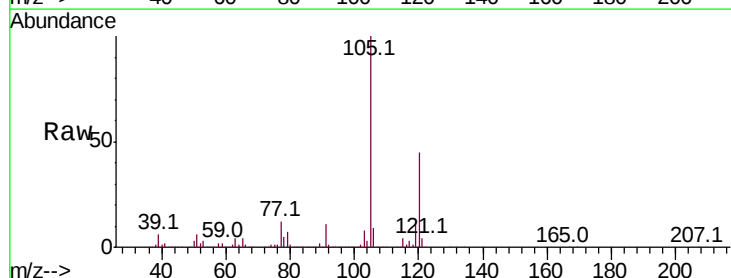
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

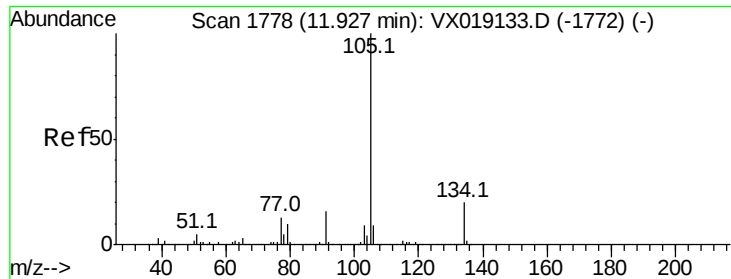
Tot Ion:119 Resp: 618382
Ion Ratio Lower Upper
119 100
91 60.0 29.0 87.1
134 23.3 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 54.585 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion:105 Resp: 658203
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.3

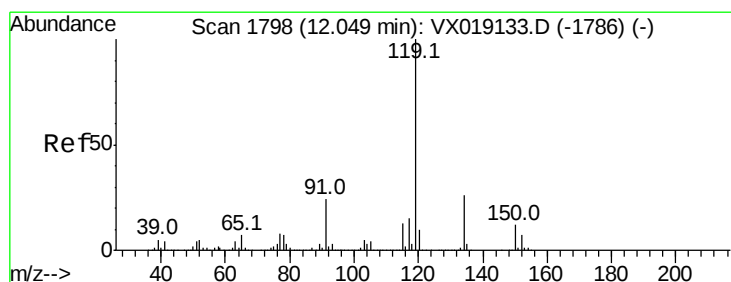
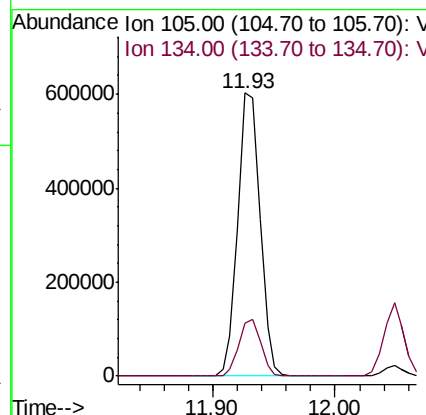
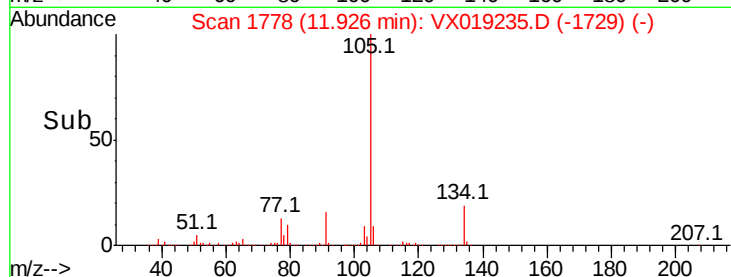
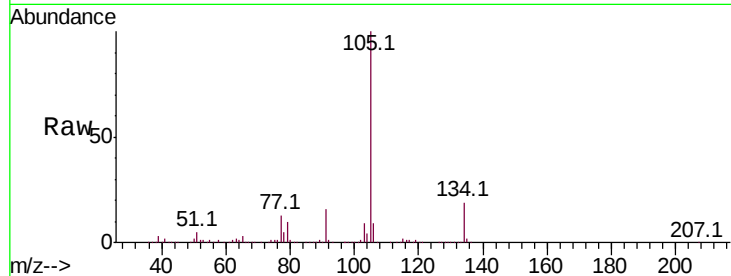




#85
 sec-Butylbenzene
 Concen: 55.238 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

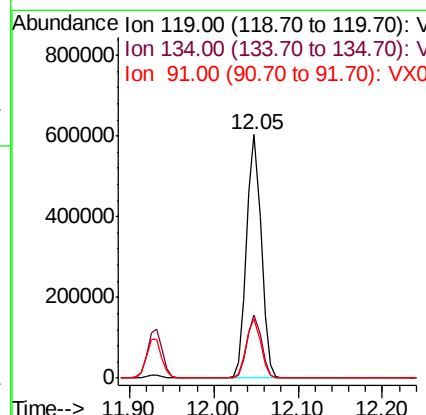
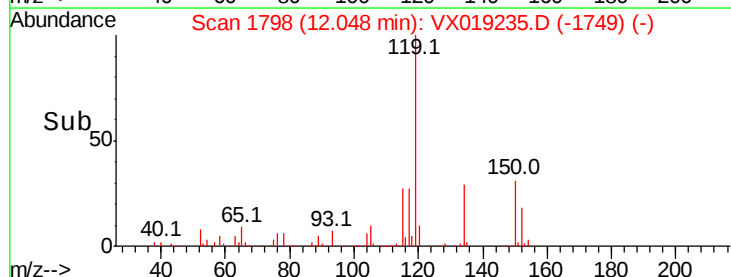
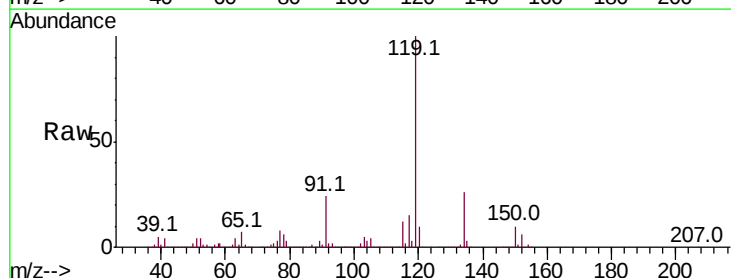
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

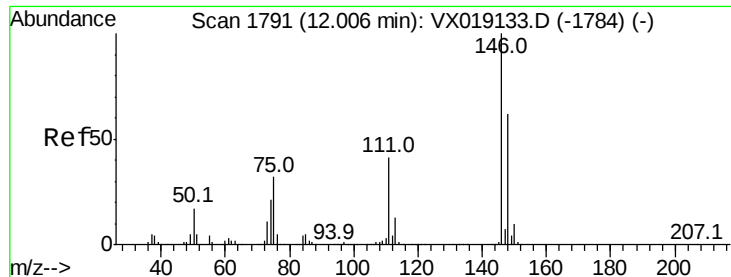
Tot Ion:105 Resp: 757679
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 54.910 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Tgt Ion:119 Resp: 695187
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 24.2 12.0 36.0

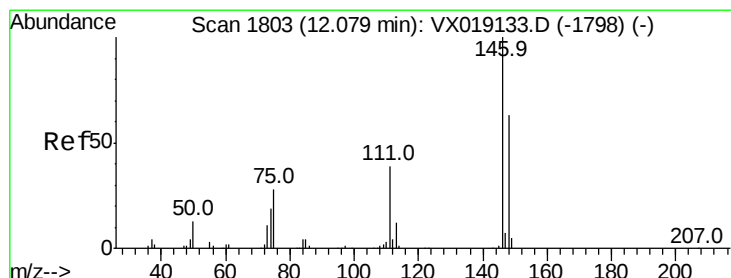
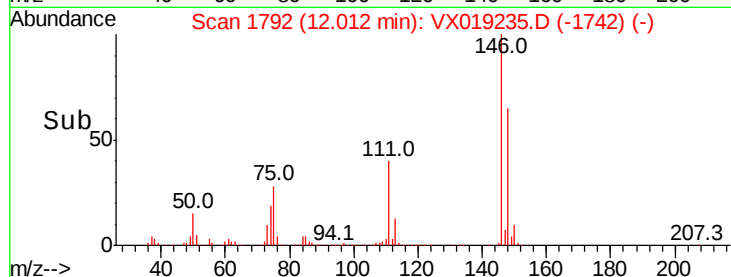
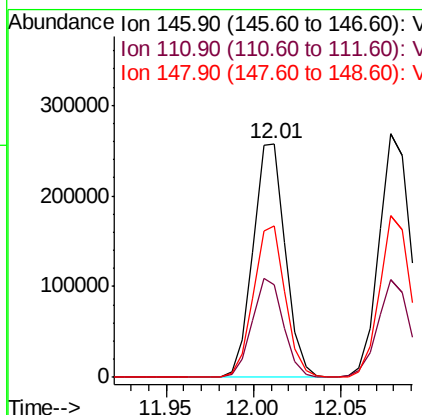
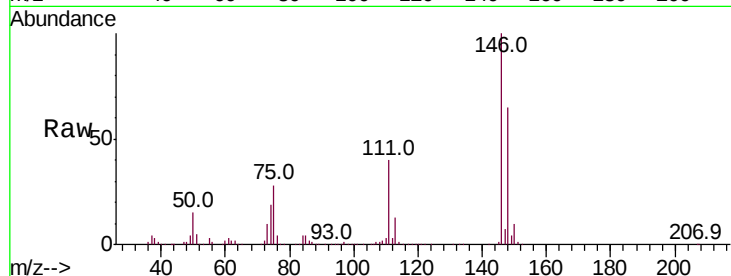




#87
 1,3-Dichlorobenzene
 Concen: 50.987 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

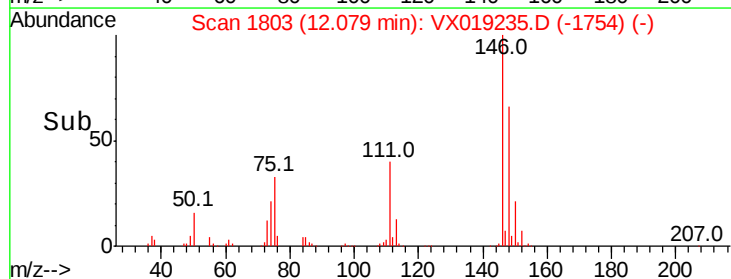
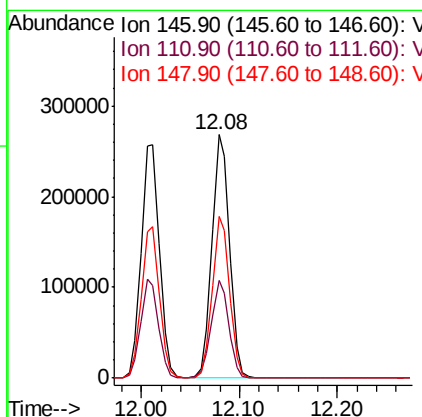
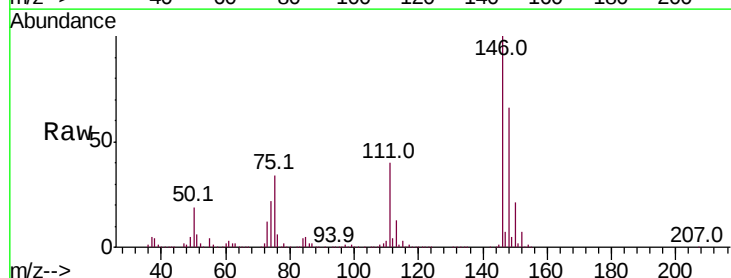
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

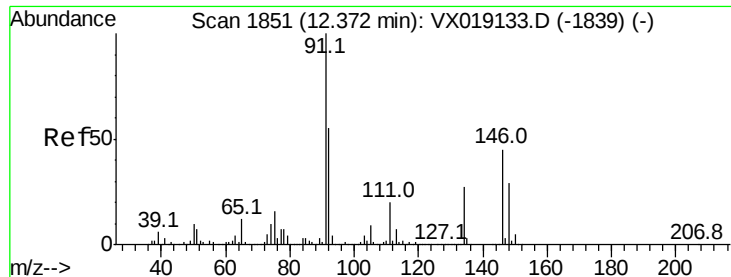
Tot Ion:146 Resp: 333187
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.4 61.2
 148 63.7 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 49.228 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Tgt Ion:146 Resp: 334864
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.2 60.5
 148 65.0 31.3 93.8

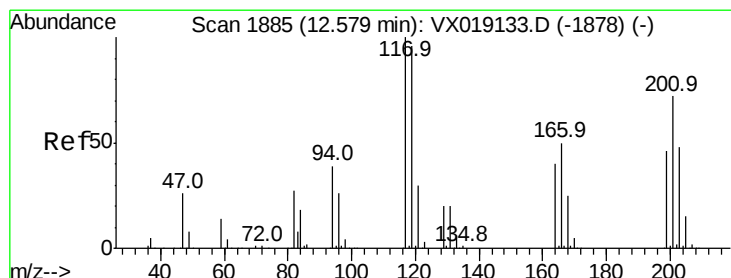
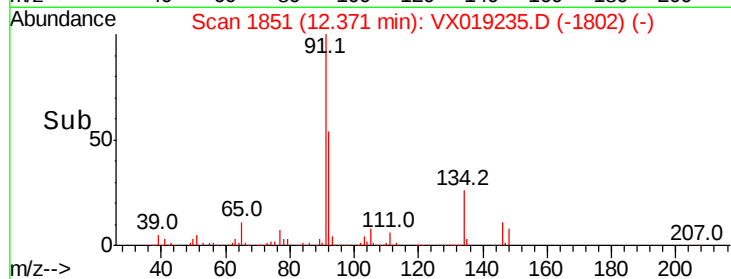
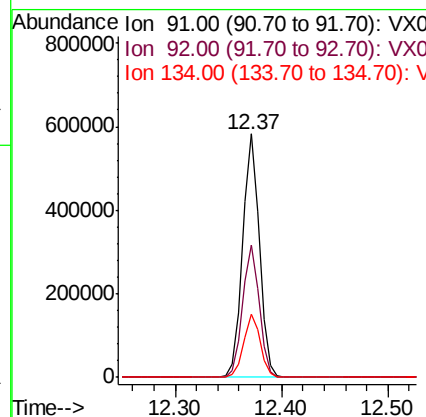
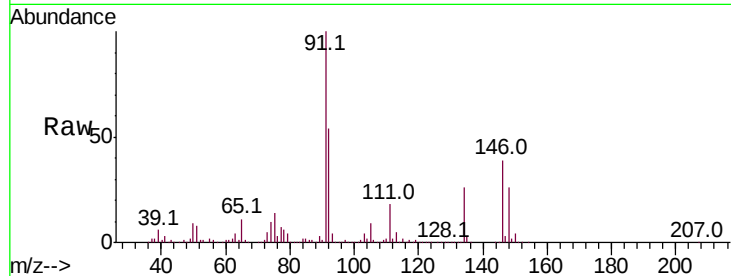




#89
n-Butylbenzene
Concen: 54.272 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

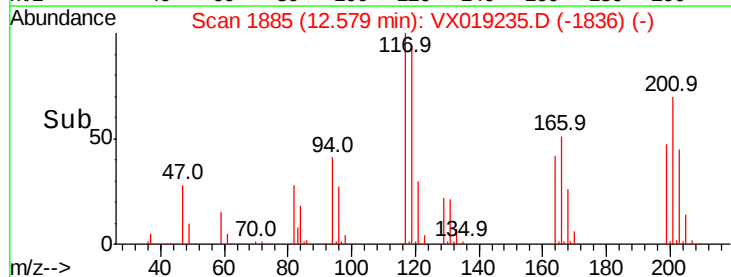
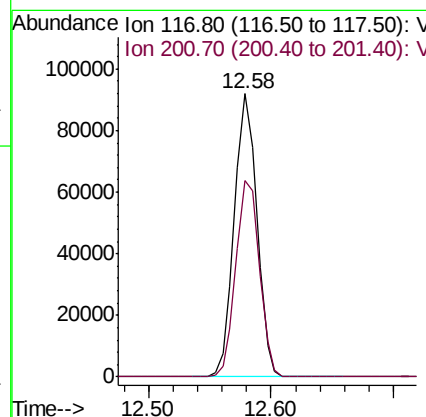
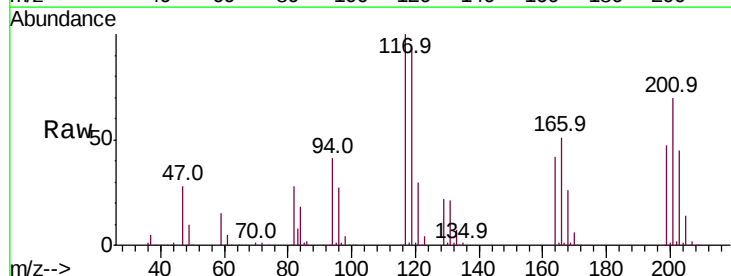
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

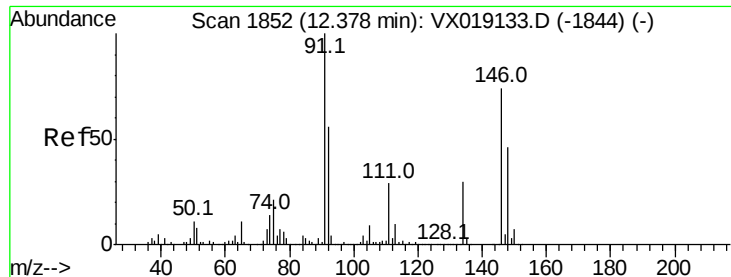
Tot Ion: 91 Resp: 645854
Ion Ratio Lower Upper
91 100
92 54.3 27.5 82.4
134 25.5 13.2 39.6



#90
Hexachloroethane
Concen: 54.602 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion: 117 Resp: 117499
Ion Ratio Lower Upper
117 100
201 72.4 38.5 115.3

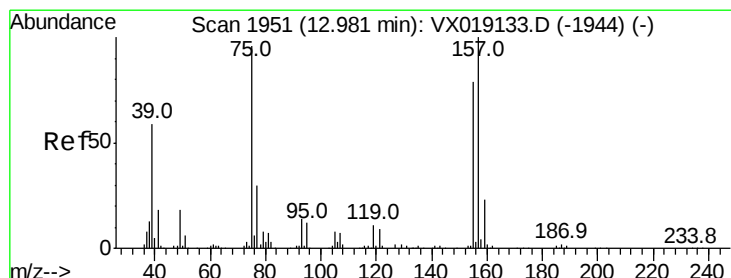
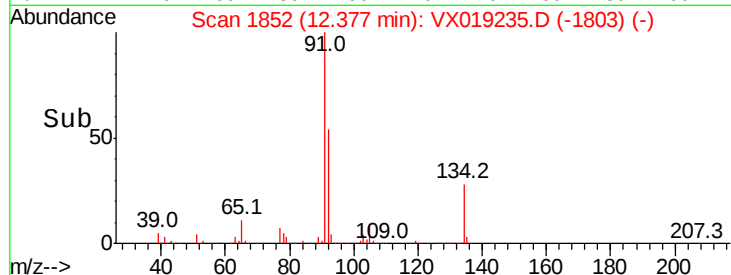
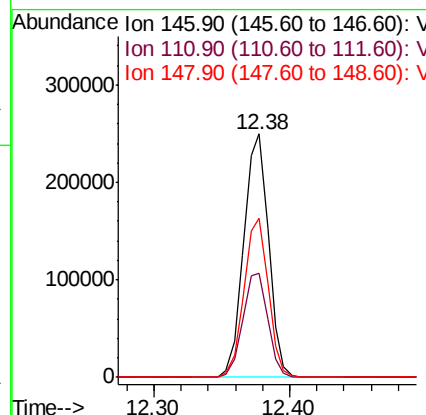
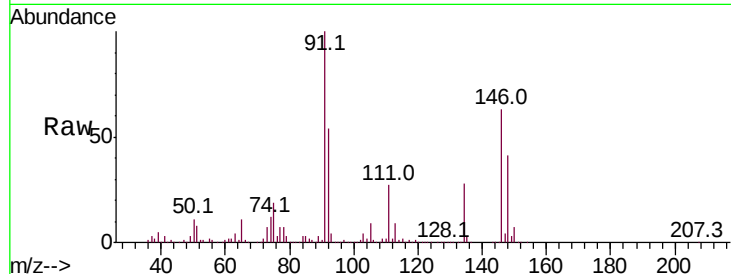




#91
 1,2-Dichlorobenzene
 Concen: 50.563 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

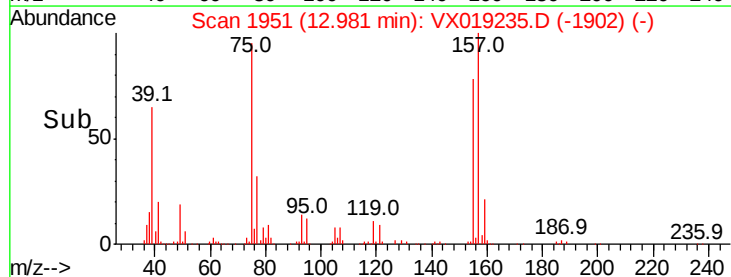
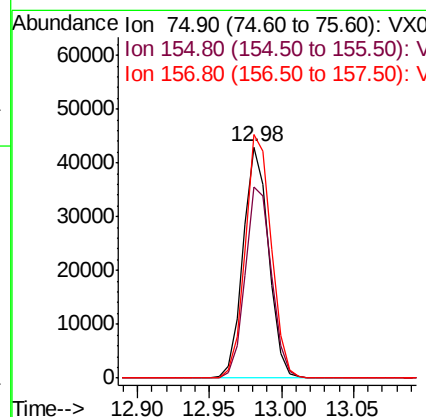
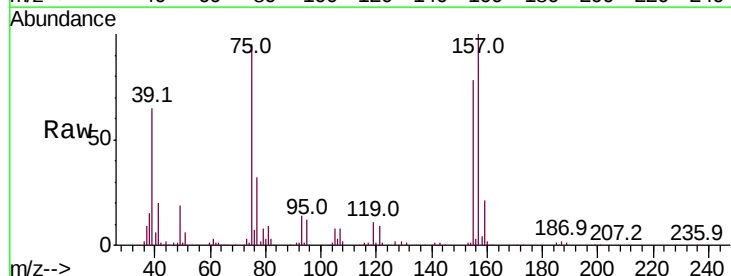
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

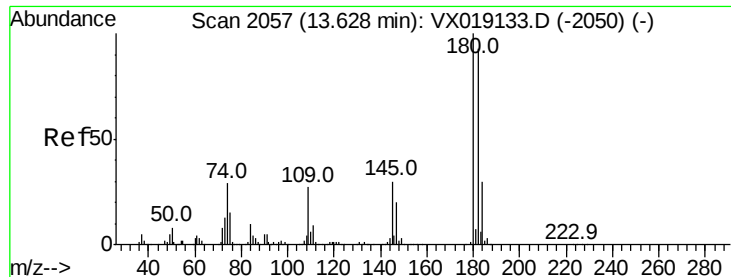
Tot Ion:146 Resp: 317273
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.2 63.6
 148 64.1 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.008 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Tgt Ion: 75 Resp: 53012
 Ion Ratio Lower Upper
 75 100
 155 84.1 42.8 128.4
 157 106.5 54.8 164.4

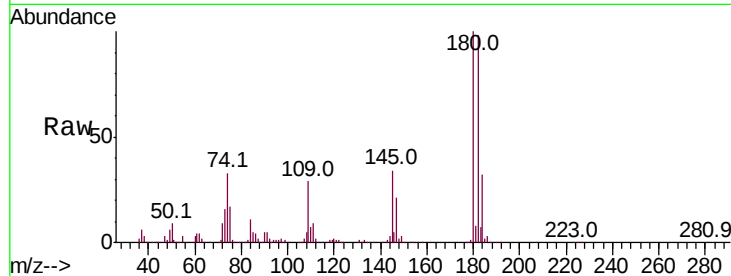




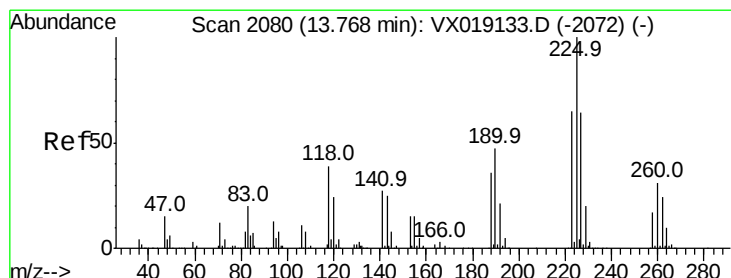
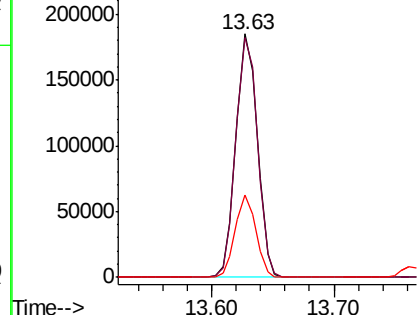
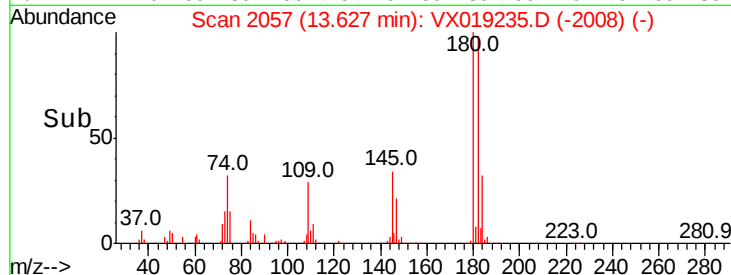
#93
 1,2,4-Trichlorobenzene
 Concen: 47.320 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.6	46.8	140.3
145	32.9	15.5	46.5

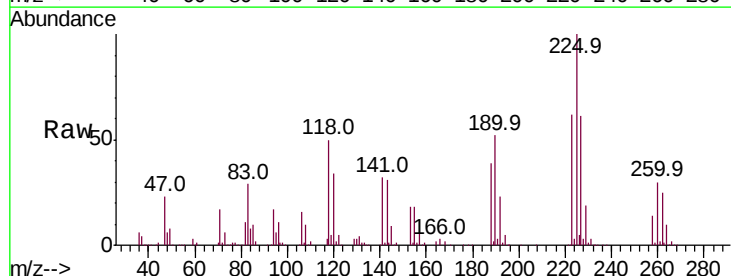


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

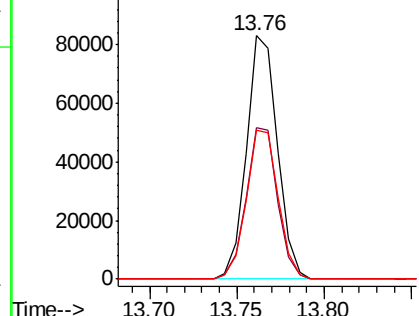
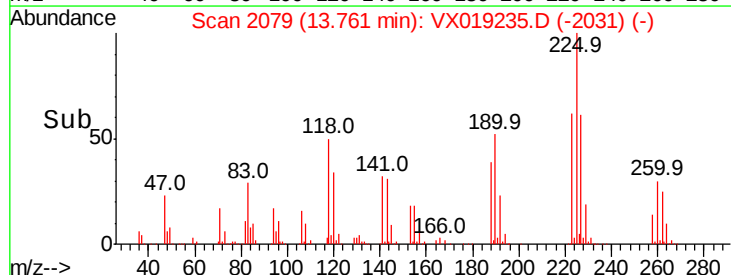


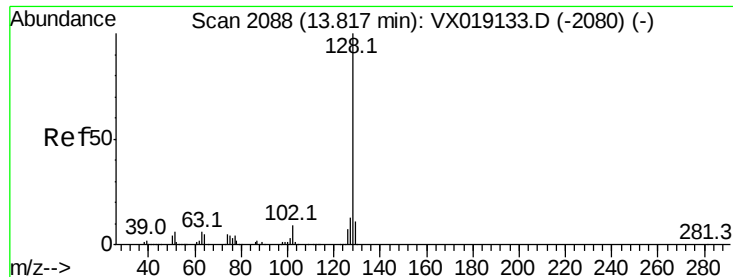
#94
 Hexachlorobutadiene
 Concen: 49.138 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019235.D
 Acq: 03 Nov 2020 15:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.4	97.2
227	63.0	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

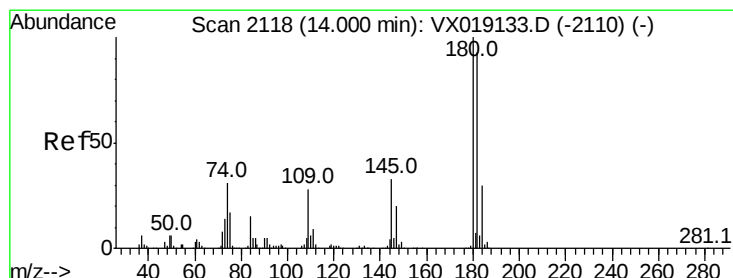
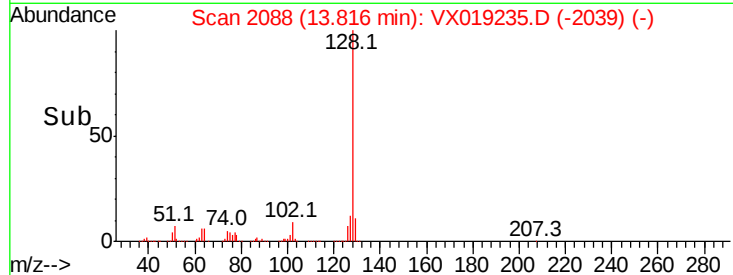
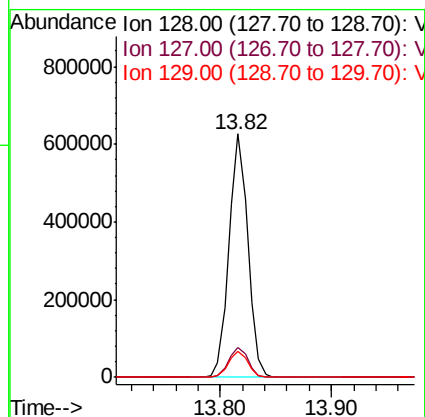
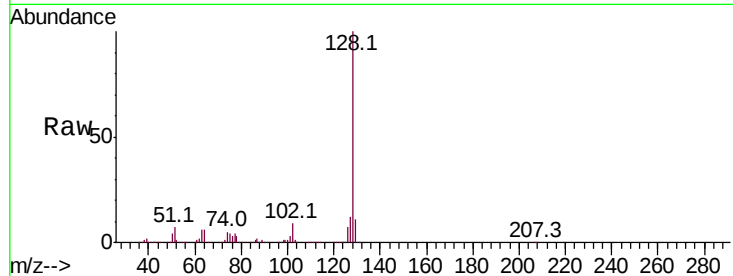




#95
Naphthalene
Concen: 49.607 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 736393
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.745 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019235.D
Acq: 03 Nov 2020 15:54

Tgt Ion:180 Resp: 222879
Ion Ratio Lower Upper
180 100
182 97.5 47.8 143.3
145 33.9 16.5 49.5

