

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017995.D
 Acq On : 19 Aug 2020 19:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 20 04:22:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	459220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	692731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	683166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	344616	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	298468	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	
35) Dibromofluoromethane	5.47	113	228625	44.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.64%	
50) Toluene-d8	8.70	98	826749	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
62) 4-Bromofluorobenzene	11.12	95	319671	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	326191	47.065	ug/l	98
3) Chloromethane	1.31	50	301759	48.050	ug/l	98
4) Vinyl Chloride	1.39	62	304141	46.921	ug/l	99
5) Bromomethane	1.62	94	188064	53.512	ug/l	99
6) Chloroethane	1.71	64	171304	49.740	ug/l	99
7) Trichlorofluoromethane	1.92	101	466697	48.531	ug/l	100
8) Diethyl Ether	2.17	74	131727	47.001	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	210570	46.557	ug/l	99
10) Methyl Iodide	2.49	142	232942	39.940	ug/l	100
11) Tert butyl alcohol	3.02	59	309672	238.257	ug/l	99
12) 1,1-Dichloroethene	2.36	96	194026	46.875	ug/l	96
13) Acrolein	2.28	56	124870	181.871	ug/l	99
14) Allyl chloride	2.71	41	338537	45.858	ug/l	99
15) Acrylonitrile	3.12	53	699502	246.435	ug/l	99
16) Acetone	2.42	43	580124	219.049	ug/l	98
17) Carbon Disulfide	2.55	76	488670	48.658	ug/l	100
18) Methyl Acetate	2.75	43	312828	46.942	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	815416	51.526	ug/l	100
20) Methylene Chloride	2.84	84	218718	44.825	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	209049	49.127	ug/l	96
22) Diisopropyl ether	3.82	45	769471	49.722	ug/l	89
23) Vinyl Acetate	3.79	43	2828732	239.191	ug/l	100
24) 1,1-Dichloroethane	3.67	63	406859	47.426	ug/l	98
25) 2-Butanone	4.64	43	956842	238.648	ug/l	97
26) 2,2-Dichloropropane	4.56	77	348200	44.572	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	254110	50.623	ug/l	98
28) Bromochloromethane	4.98	49	194279	43.821	ug/l	98
29) Tetrahydrofuran	5.10	42	582171	233.793	ug/l	98
30) Chloroform	5.18	83	432455	46.120	ug/l	98
31) Cyclohexane	5.56	56	363770	52.292	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	398472	46.844	ug/l	99
36) 1,1-Dichloropropene	5.77	75	293816	50.674	ug/l	98
37) Ethyl Acetate	4.80	43	326677	47.089	ug/l	100
38) Carbon Tetrachloride	5.76	117	374991	49.971	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	350925	47.300	ug/l	97
40) Benzene	6.11	78	835302	47.831	ug/l	100
41) Methacrylonitrile	5.01	41	196772	49.486	ug/l	98
42) 1,2-Dichloroethane	6.17	62	367340	49.520	ug/l	100
43) Isopropyl Acetate	6.42	43	582461	52.010	ug/l	99
44) Trichloroethene	7.19	130	243662	47.049	ug/l	98
45) 1,2-Dichloropropane	7.49	63	235252	47.016	ug/l	99
46) Dibromomethane	7.63	93	166845	47.777	ug/l	98
47) Bromodichloromethane	7.88	83	355969	46.955	ug/l	97
48) Methyl methacrylate	7.74	41	278307	50.129	ug/l	99
49) 1,4-Dioxane	7.72	88	99592	876.224	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1747406	231.745	ug/l	100
52) Toluene	8.77	92	530547	46.435	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	381182	47.540	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	426487	51.013	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	248949	47.428	ug/l	99
56) Ethyl methacrylate	9.16	69	374816	50.505	ug/l	99
57) 1,3-Dichloropropane	9.35	76	433897	52.049	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	799325	222.417	ug/l	100
59) 2-Hexanone	9.48	43	1392860	243.783	ug/l	97
60) Dibromochloromethane	9.57	129	315634	48.148	ug/l	97
61) 1,2-Dibromoethane	9.66	107	274872	47.277	ug/l	99
64) Tetrachloroethene	9.32	164	246294	47.208	ug/l	98
65) Chlorobenzene	10.12	112	700154	51.631	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	294489	51.337	ug/l	99
67) Ethyl Benzene	10.24	91	1187220	53.107	ug/l	98
68) m/p-Xylenes	10.34	106	900981	104.686	ug/l	96
69) o-Xylene	10.68	106	420247	50.636	ug/l	97
70) Styrene	10.70	104	746440	52.132	ug/l	99
71) Bromoform	10.84	173	248669	48.298	ug/l #	99
73) Isopropylbenzene	11.01	105	1124609	50.701	ug/l	99
74) N-amyl acetate	10.88	43	487325	49.394	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	394692	51.008	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	478116	65.239	ug/l	84
77) Bromobenzene	11.24	156	328542	53.386	ug/l	98
78) n-propylbenzene	11.34	91	1306418	50.356	ug/l	100
79) 2-Chlorotoluene	11.40	91	792138	50.102	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	990621	50.878	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	136218	48.829	ug/l	98
82) 4-Chlorotoluene	11.49	91	943572	50.749	ug/l	99
83) tert-Butylbenzene	11.76	119	984761	53.557	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1008994	50.057	ug/l	99
85) sec-Butylbenzene	11.93	105	1130873	50.949	ug/l	99
86) p-Isopropyltoluene	12.05	119	1084017	52.501	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	556369	49.672	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	543230	49.505	ug/l	100
89) n-Butylbenzene	12.37	91	987671	57.796	ug/l	99
90) Hexachloroethane	12.58	117	222167	54.101	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	578080	55.908	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94994	48.194	ug/l	98

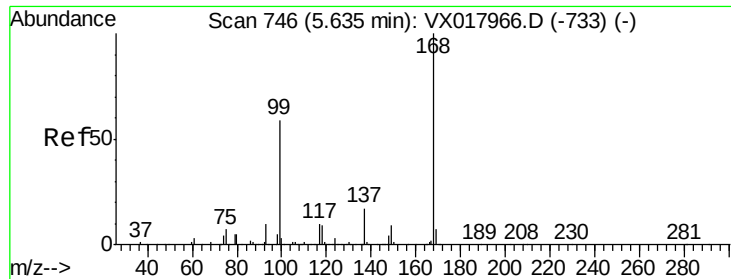
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	380705	55.968	ug/l	95
94) Hexachlorobutadiene	13.77	225	147913	50.953	ug/l	97
95) Naphthalene	13.82	128	1183532	55.120	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	372941	53.917	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

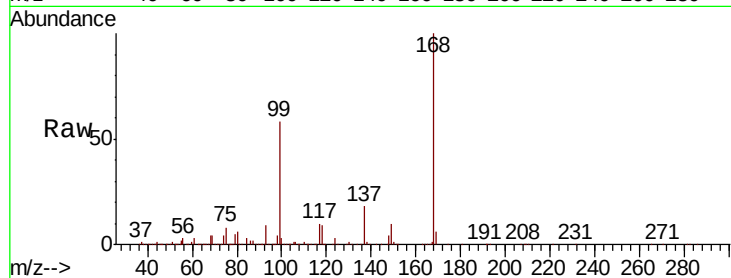
VSTDCCC050EC

Tot Ion:168 Resp: 459220

Ion Ratio Lower Upper

168 100

99 57.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

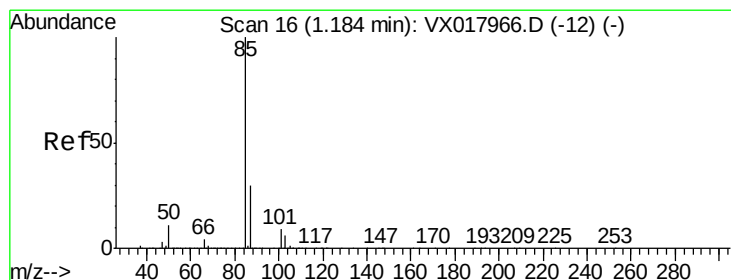
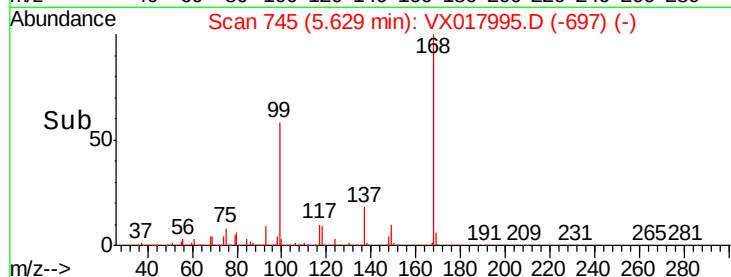
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 47.065 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017995.D

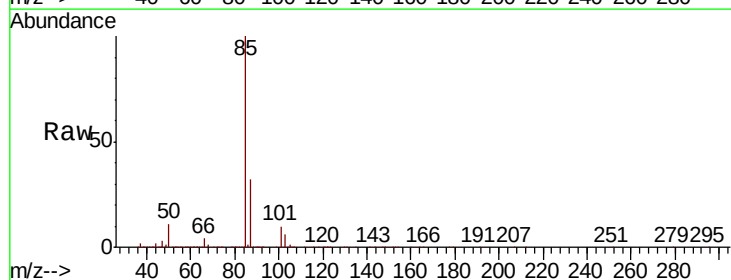
Acq: 19 Aug 2020 19:07

Tgt Ion: 85 Resp: 326191

Ion Ratio Lower Upper

85 100

87 31.8 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

400000

300000

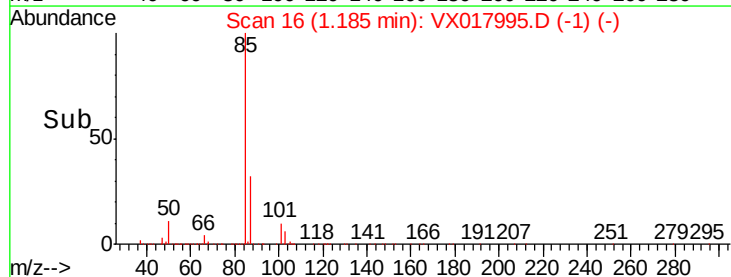
200000

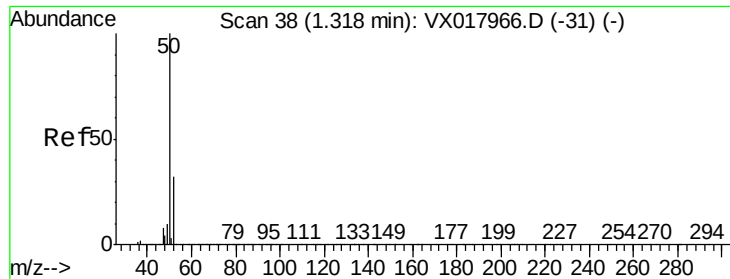
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0

1.10 1.15 1.20 1.25

Time-->

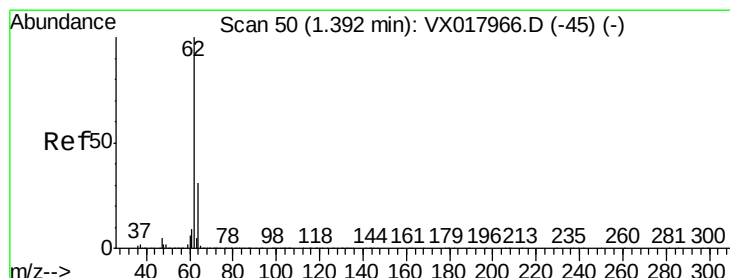
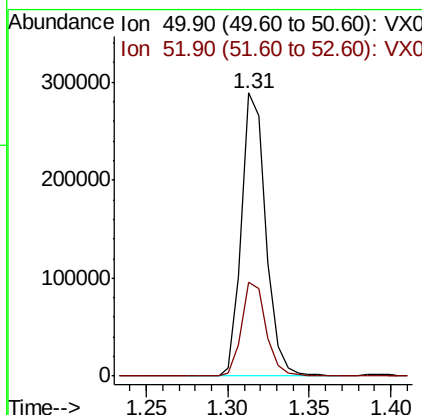
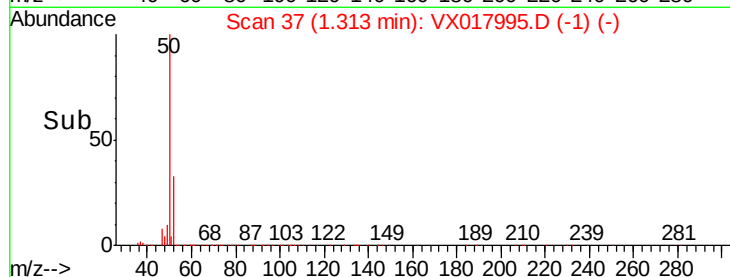
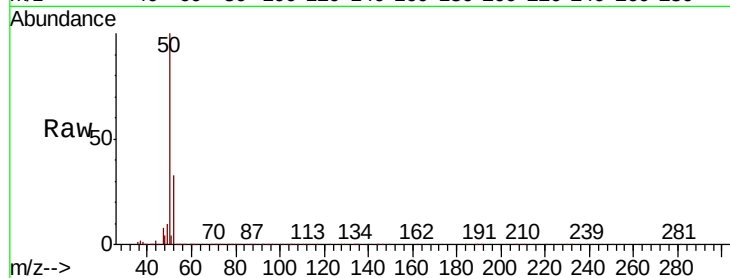




#3
Chloromethane
Concen: 48.050 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.01 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

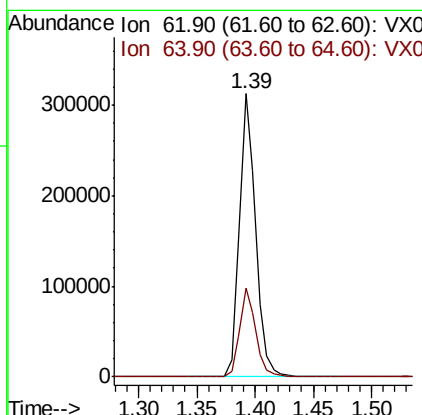
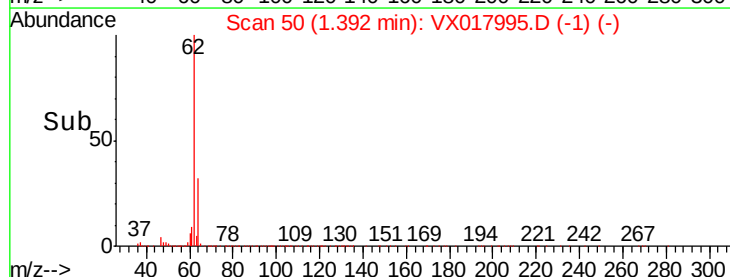
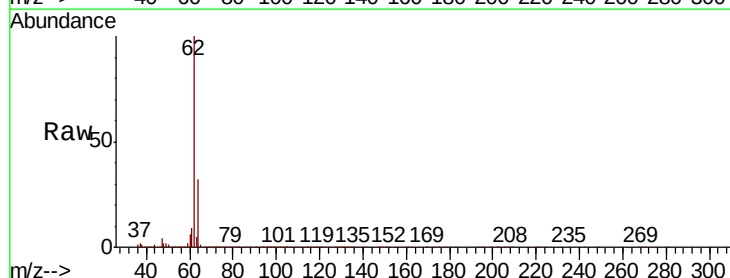
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

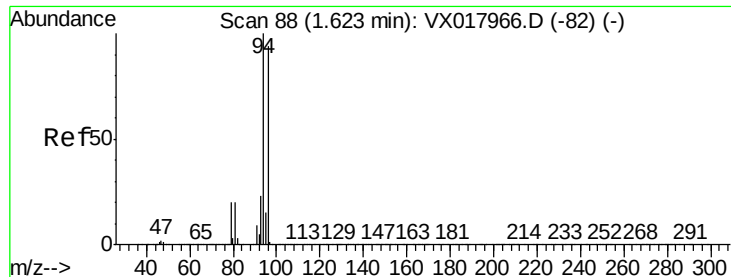
Tot Ion: 50 Resp: 301759
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.0



#4
Vinyl Chloride
Concen: 46.921 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Tgt Ion: 62 Resp: 304141
Ion Ratio Lower Upper
62 100
64 31.5 24.7 37.1





#5

Bromomethane

Concen: 53.512 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

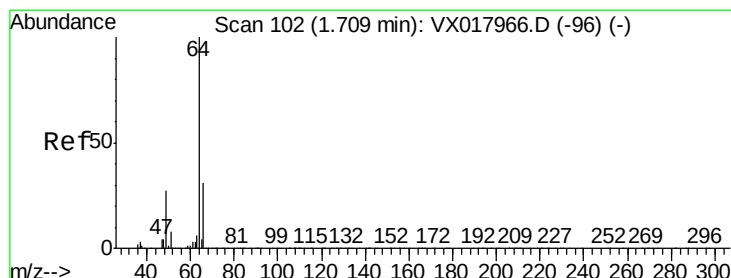
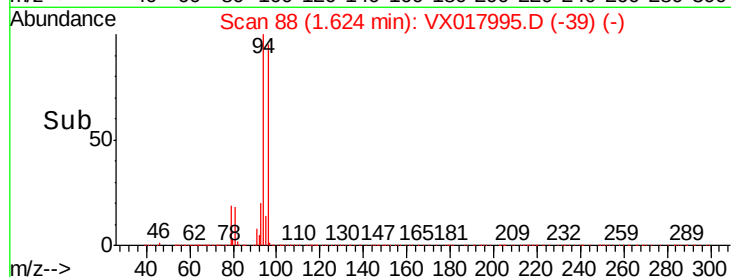
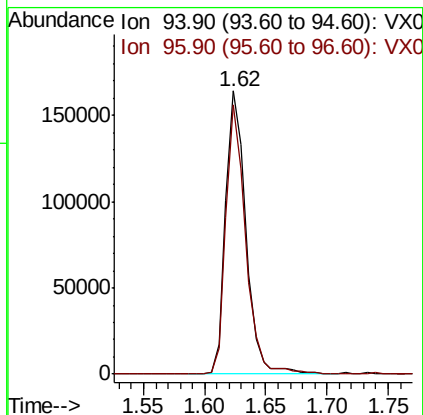
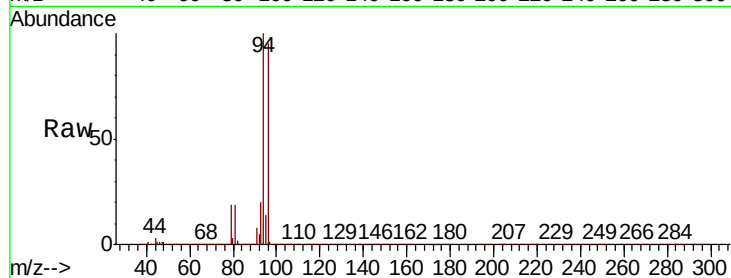
VSTDCCC050EC

Tot Ion: 94 Resp: 188064

Ion Ratio Lower Upper

94 100

96 95.3 75.5 113.3



#6

Chloroethane

Concen: 49.740 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017995.D

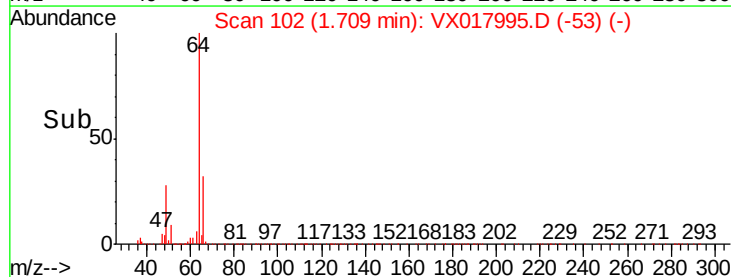
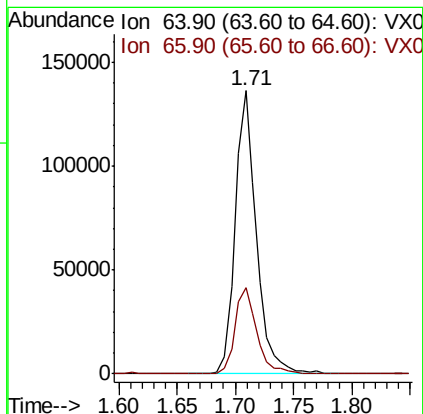
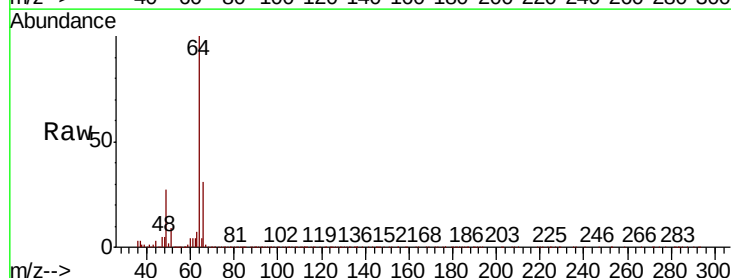
Acq: 19 Aug 2020 19:07

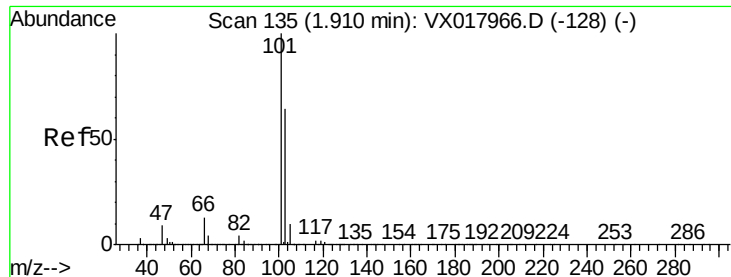
Tgt Ion: 64 Resp: 171304

Ion Ratio Lower Upper

64 100

66 30.5 25.0 37.4



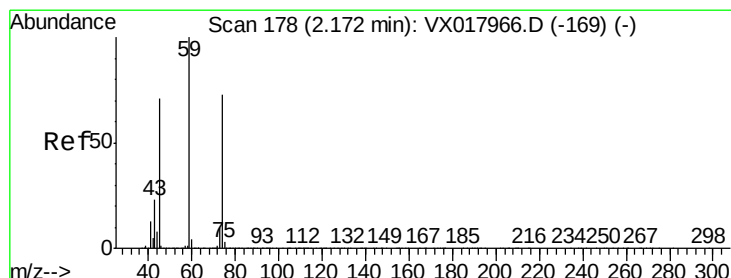
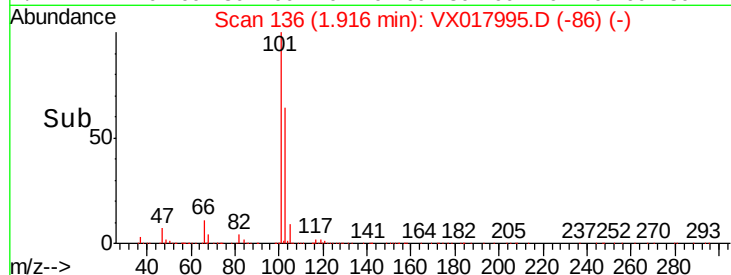
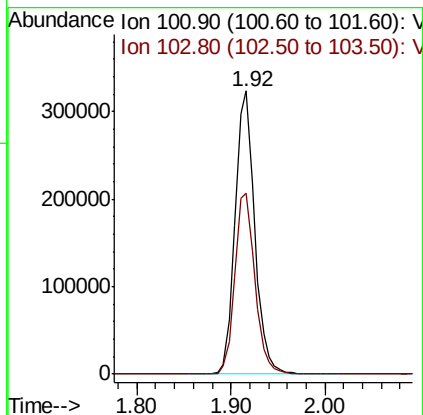
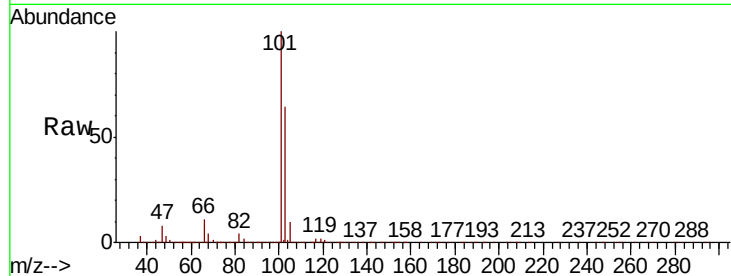


#7

Trichlorofluoromethane
Concen: 48.531 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Instrument :
MSVOA_X
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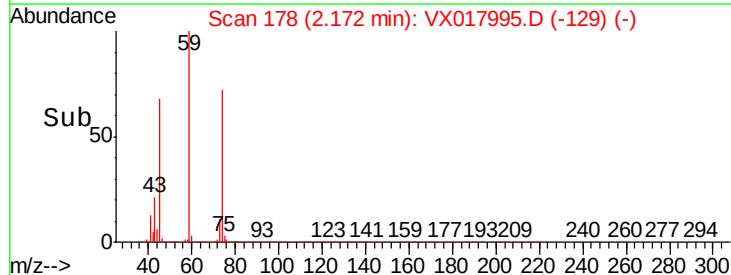
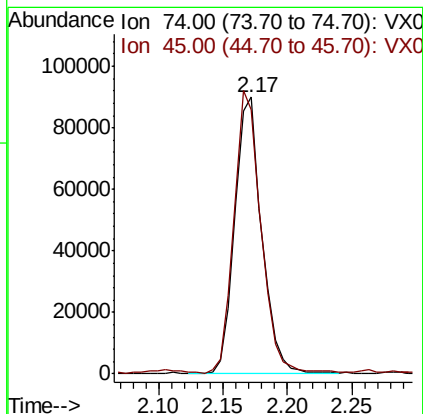
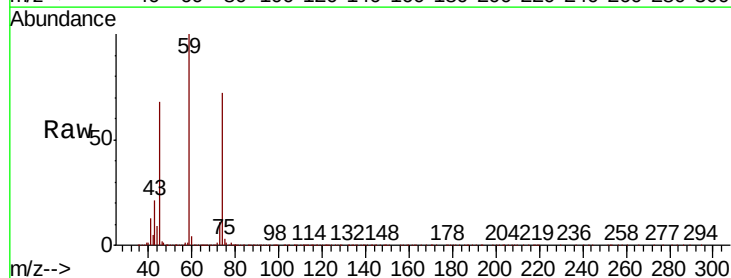
Tot Ion:101 Resp: 466697
Ion Ratio Lower Upper
101 100
103 64.0 51.2 76.8

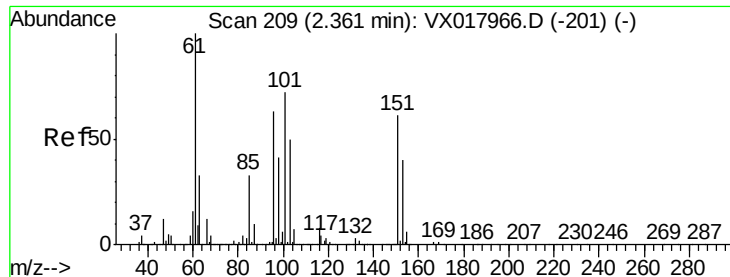


#8

Diethyl Ether
Concen: 47.001 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Tgt Ion: 74 Resp: 131727
Ion Ratio Lower Upper
74 100
45 101.2 50.5 151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.557 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

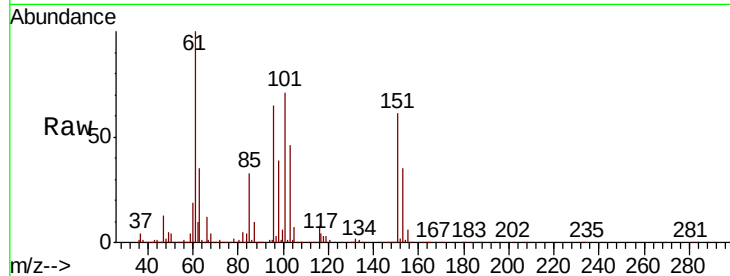
Tot Ion:101 Resp: 210570

Ion Ratio Lower Upper

101 100

85 44.1 35.4 53.2

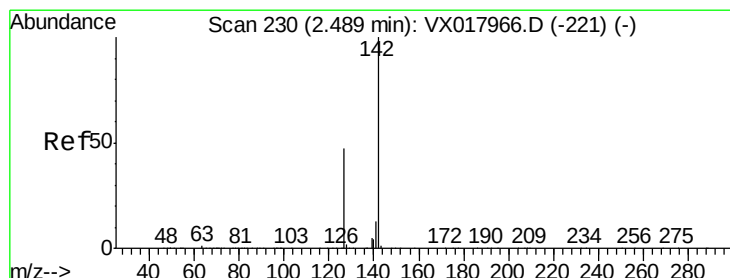
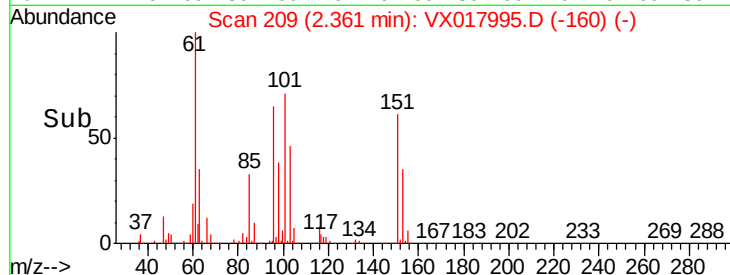
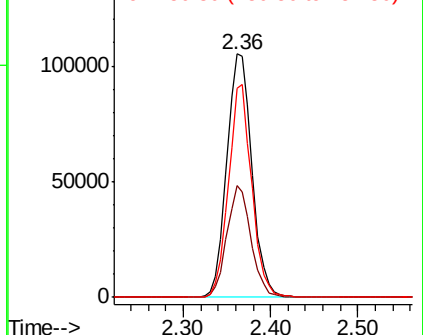
151 80.9 65.4 98.0



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: 39.940 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

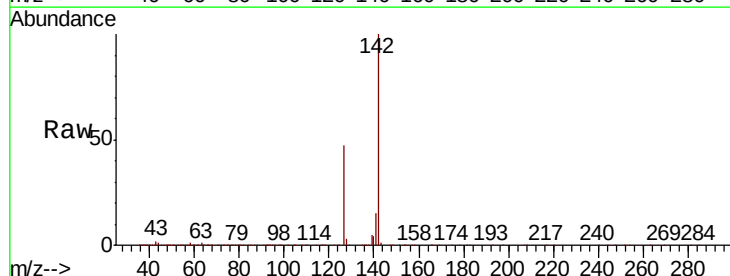
Tgt Ion:142 Resp: 232942

Ion Ratio Lower Upper

142 100

127 47.5 38.0 57.0

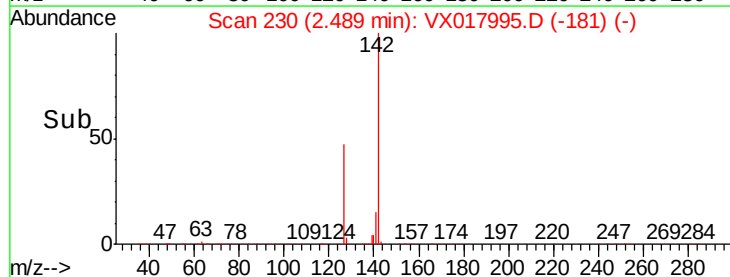
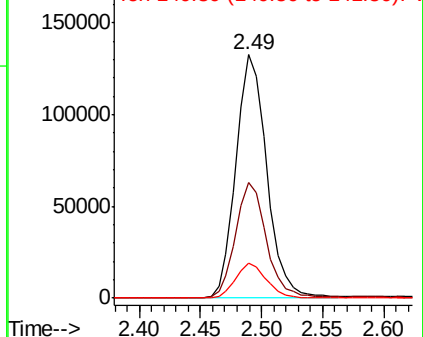
141 14.7 11.2 16.8

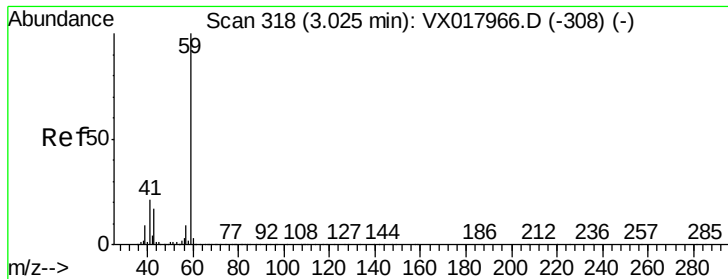


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



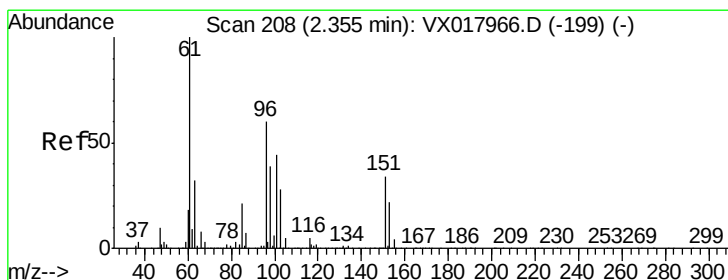
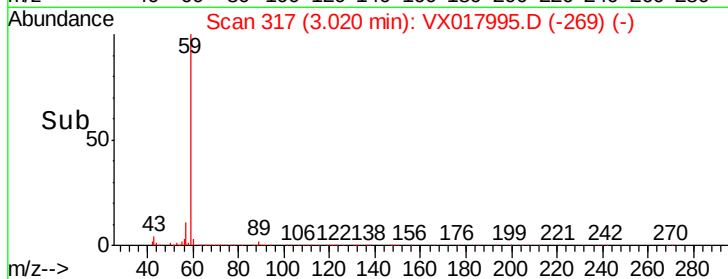
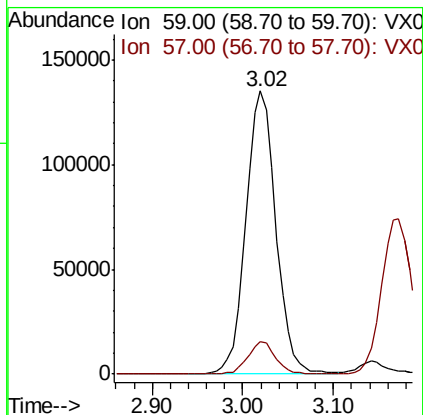
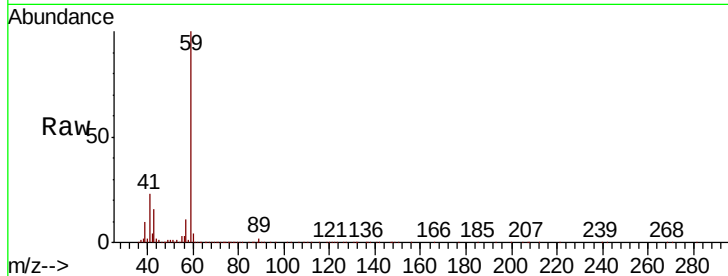


#11

Tert butyl alcohol
Concen: 238.257 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.01 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

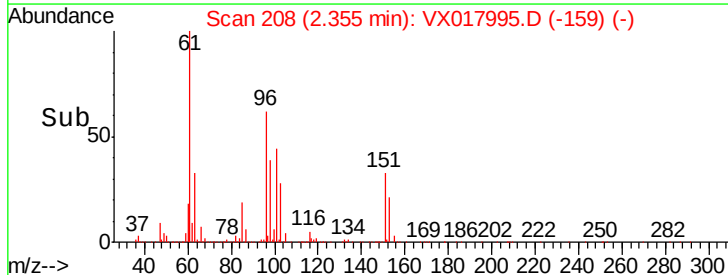
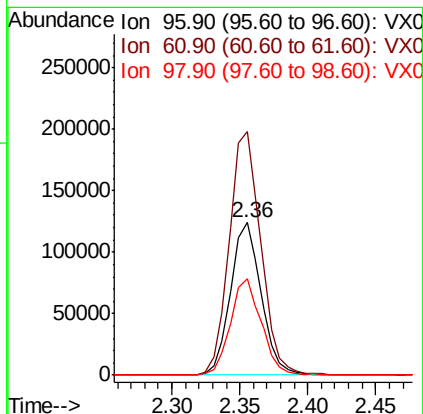
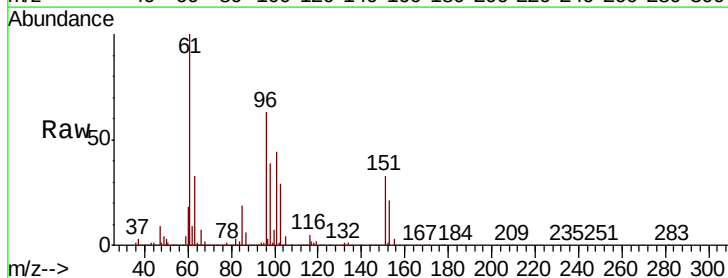
Tot Ion: 59 Resp: 309672
Ion Ratio Lower Upper
59 100
57 10.4 8.6 13.0

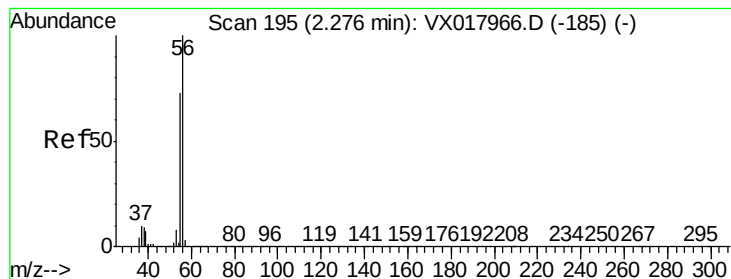


#12

1,1-Dichloroethene
Concen: 46.875 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Tgt Ion: 96 Resp: 194026
Ion Ratio Lower Upper
96 100
61 159.6 132.9 199.3
98 63.1 51.6 77.4





#13

Acrolein

Concen: 181.871 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

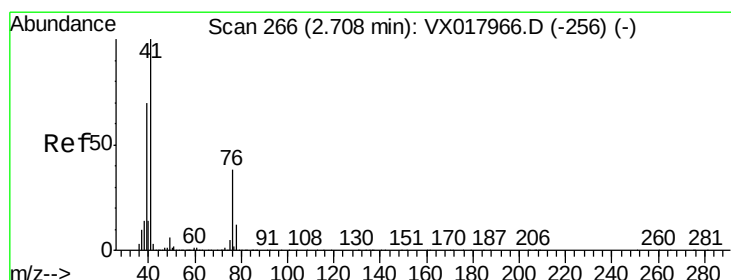
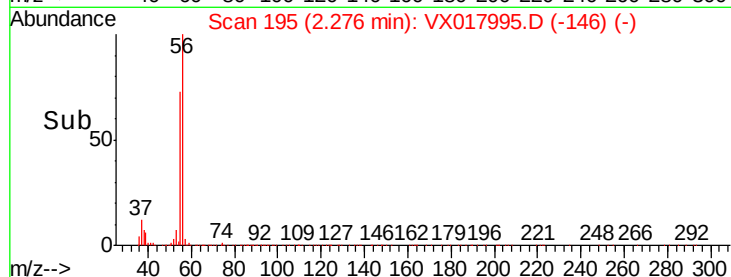
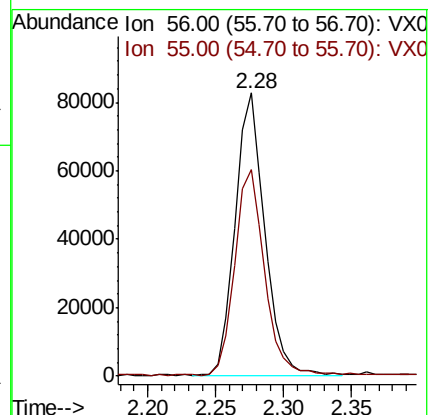
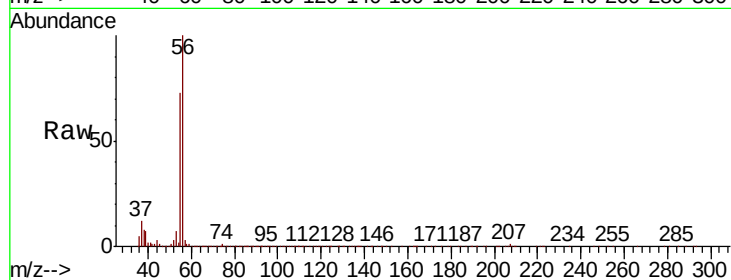
VSTDCCC050EC

Tot Ion: 56 Resp: 124870

Ion Ratio Lower Upper

56 100

55 74.0 58.2 87.4



#14

Allyl chloride

Concen: 45.858 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

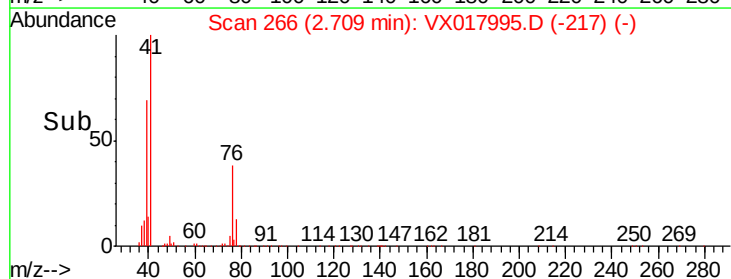
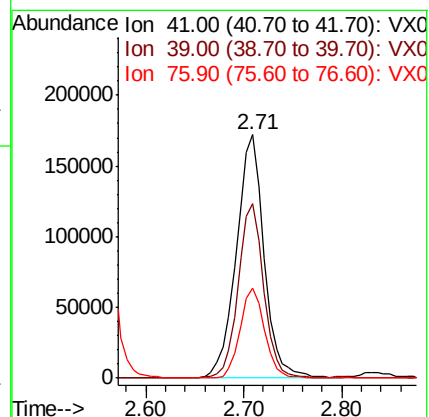
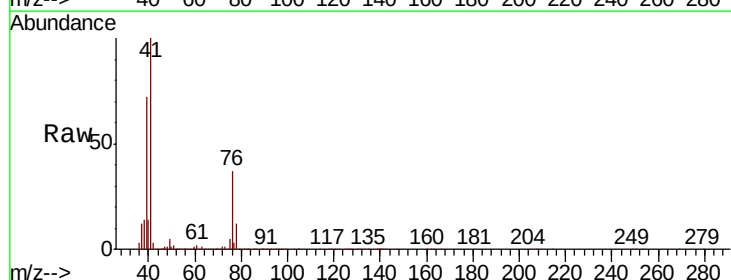
Tgt Ion: 41 Resp: 338537

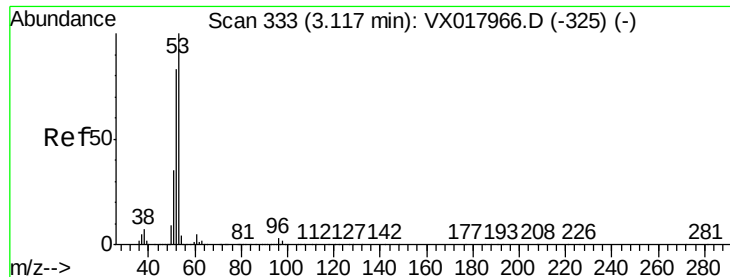
Ion Ratio Lower Upper

41 100

39 66.2 51.7 77.5

76 32.9 26.3 39.5

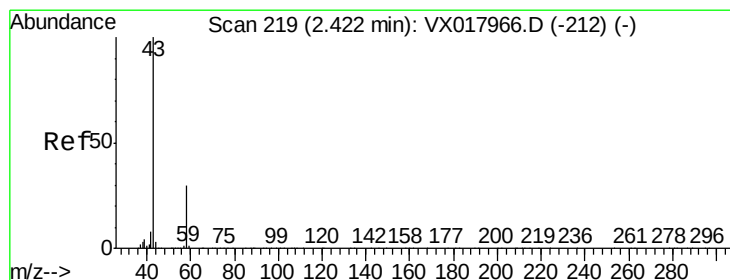
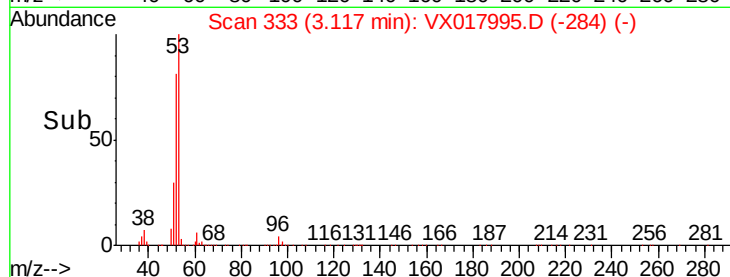
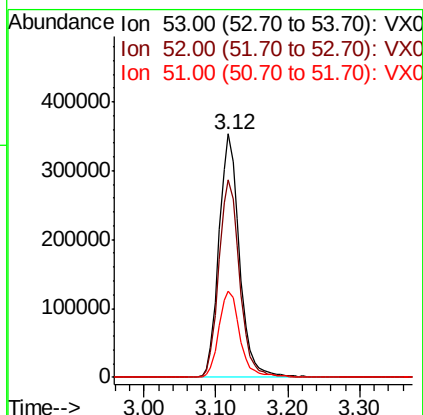
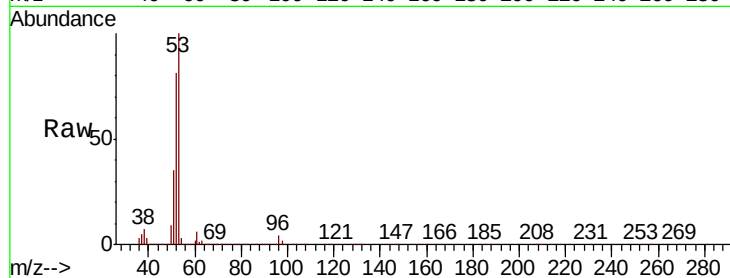




#15
 Acrylonitrile
 Concen: 246.435 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX017995.D
 Acq: 19 Aug 2020 19:07

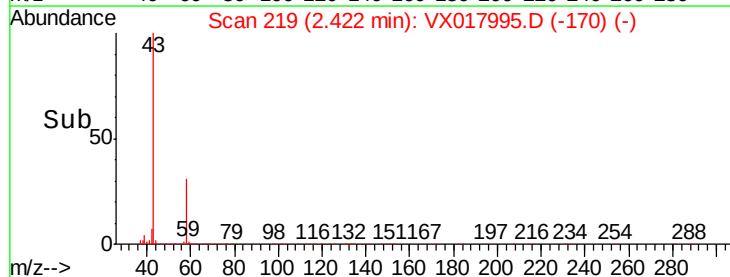
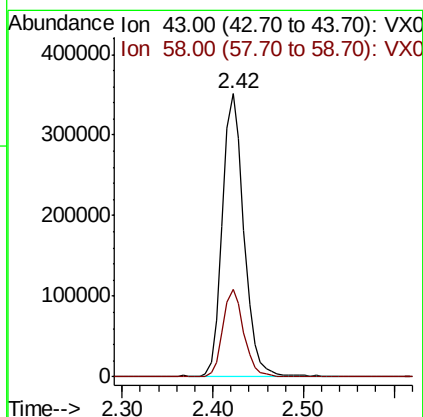
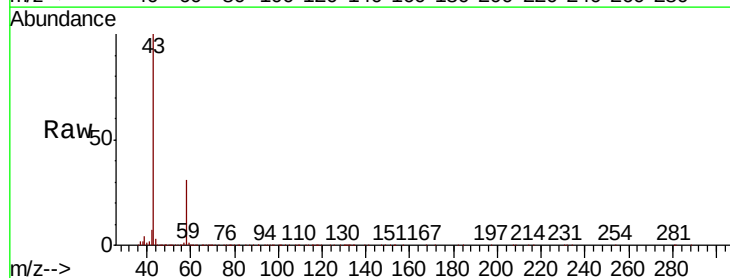
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

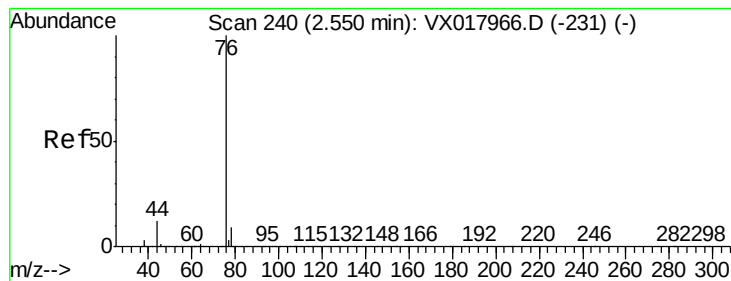
Tot Ion:	53	Resp:	699502
Ion	Ratio	Lower	Upper
53	100		
52	82.2	67.1	100.7
51	36.5	29.2	43.8



#16
 Acetone
 Concen: 219.049 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX017995.D
 Acq: 19 Aug 2020 19:07

Tgt Ion:	43	Resp:	580124
Ion	Ratio	Lower	Upper
43	100		
58	31.1	23.8	35.8





#17

Carbon Disulfide

Concen: 48.658 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

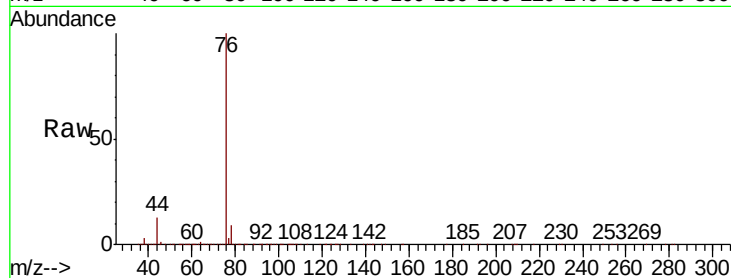
VSTDCCC050EC

Tot Ion: 76 Resp: 488670

Ion Ratio Lower Upper

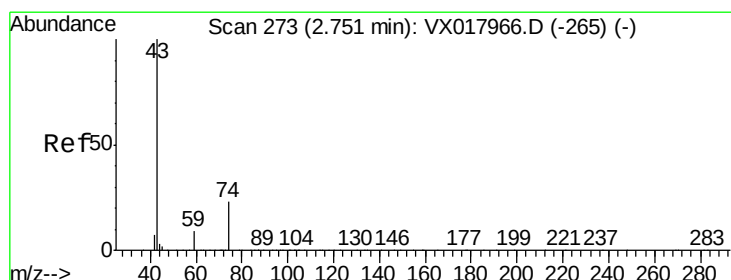
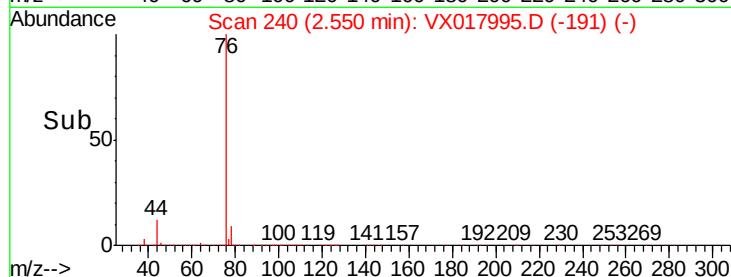
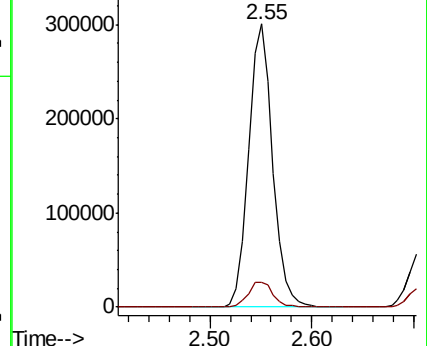
76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 46.942 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017995.D

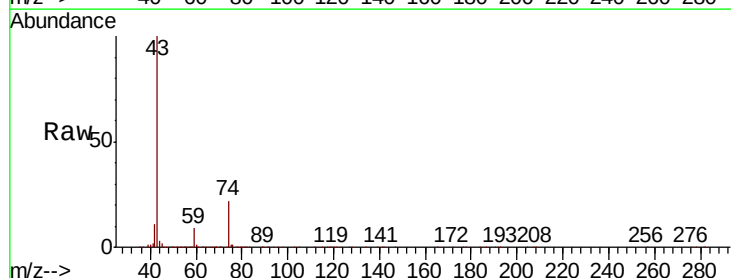
Acq: 19 Aug 2020 19:07

Tgt Ion: 43 Resp: 312828

Ion Ratio Lower Upper

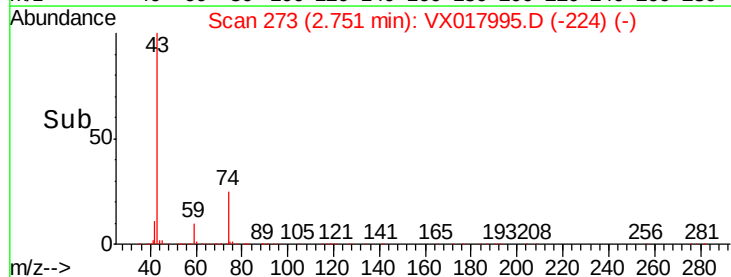
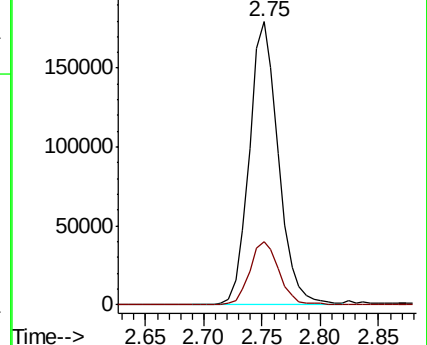
43 100

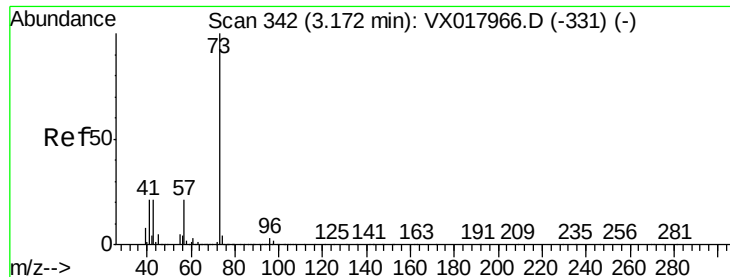
74 23.0 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

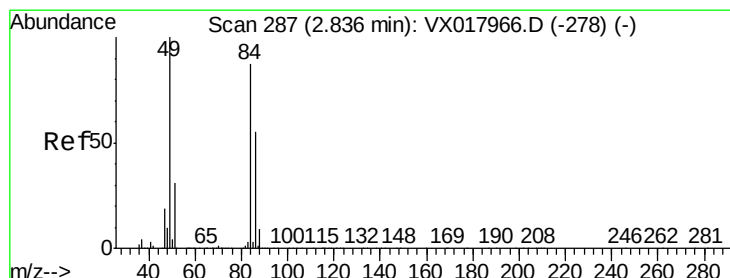
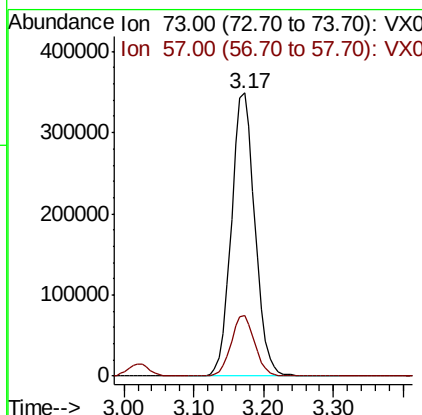
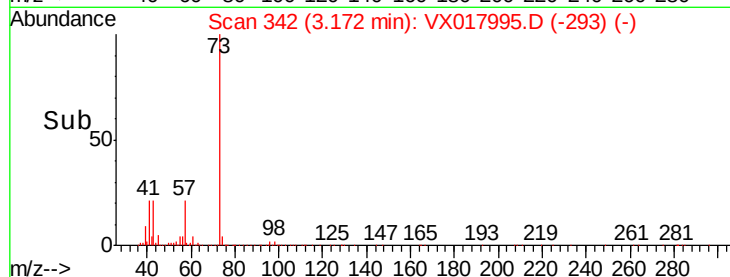
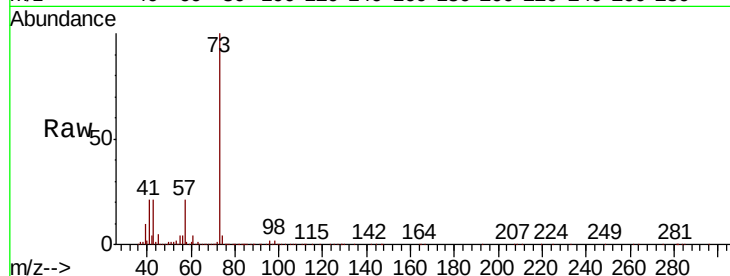




#19
Methyl tert-butyl Ether
Concen: 51.526 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

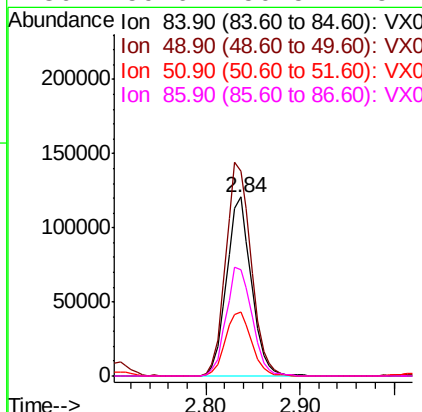
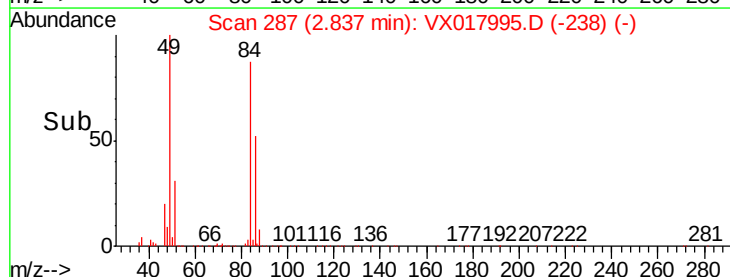
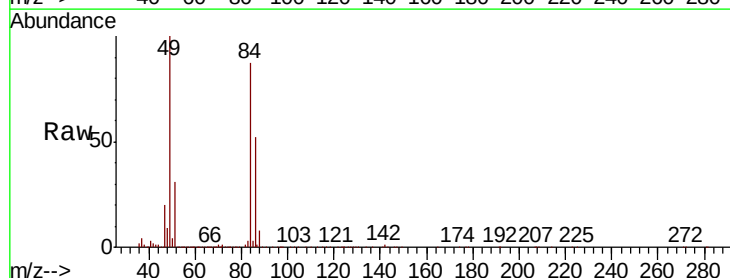
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

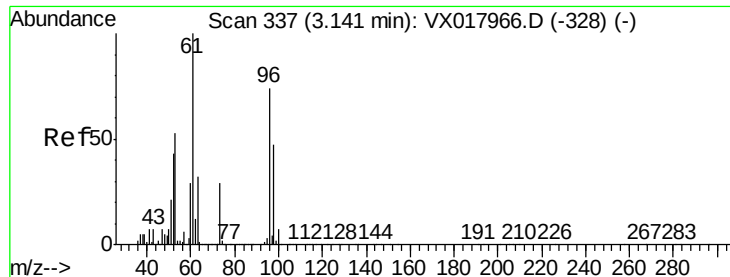
Tot Ion: 73 Resp: 815416
Ion Ratio Lower Upper
73 100
57 21.2 16.9 25.3



#20
Methylene Chloride
Concen: 44.825 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Tgt Ion: 84 Resp: 218718
Ion Ratio Lower Upper
84 100
49 114.2 91.8 137.6
51 35.8 27.8 41.8
86 59.6 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 49.127 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

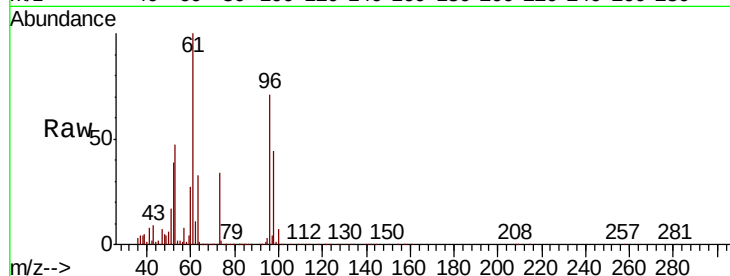
Tot Ion: 96 Resp: 209049

Ion Ratio Lower Upper

96 100

61 140.7 108.6 163.0

98 61.6 51.4 77.0

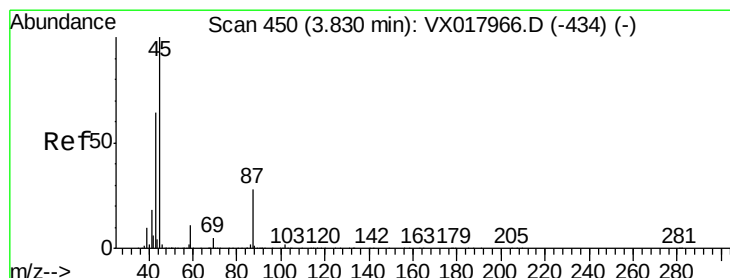
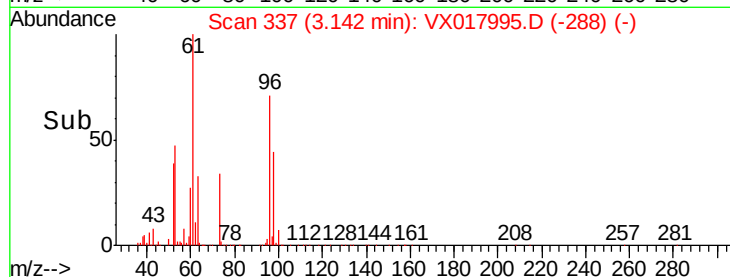
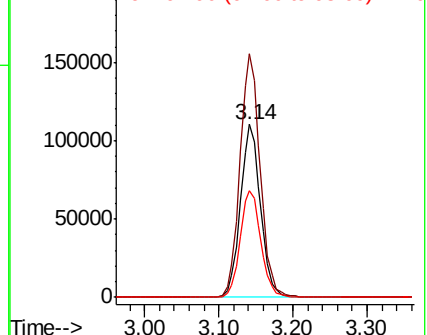


Abundance

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: 49.722 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Tgt Ion: 45 Resp: 769471

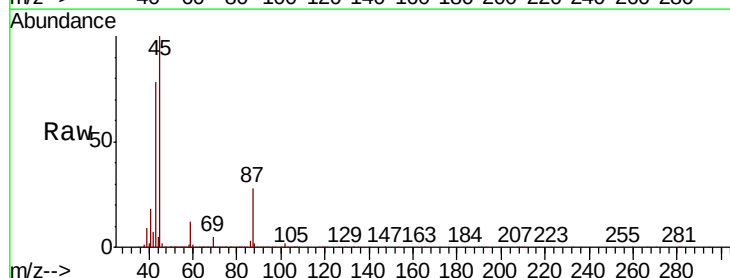
Ion Ratio Lower Upper

45 100

43 77.2 51.5 77.3

87 27.5 22.6 33.8

59 11.5 9.0 13.4



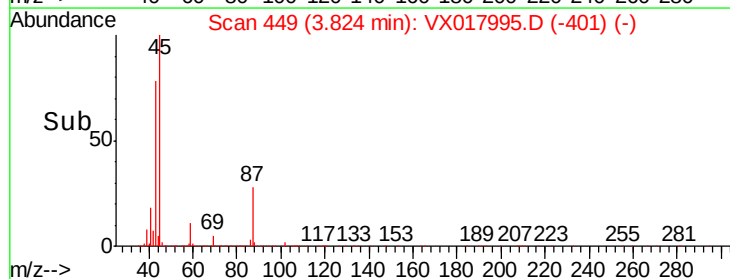
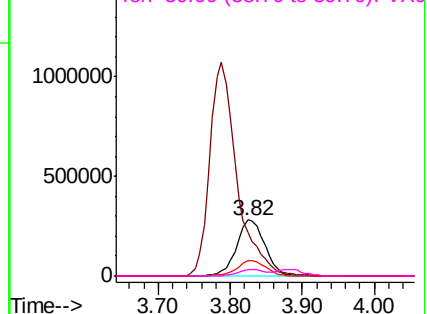
Abundance

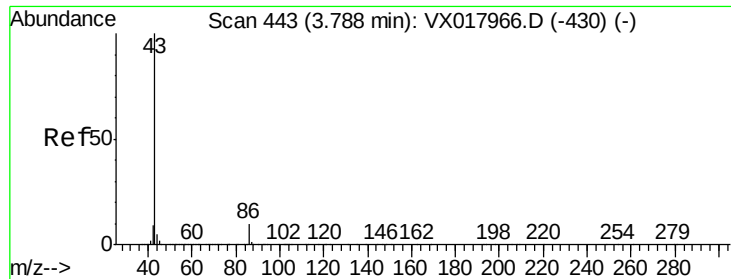
Ion 45.00 (44.70 to 45.70): VX0

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: 239.191 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

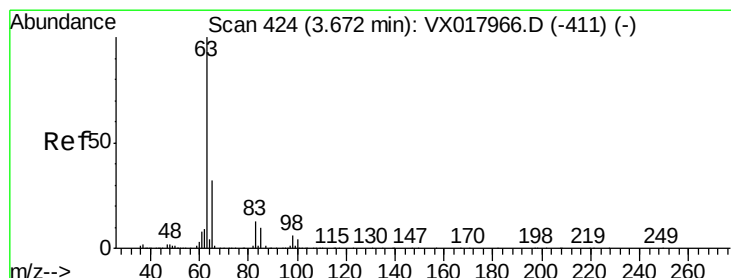
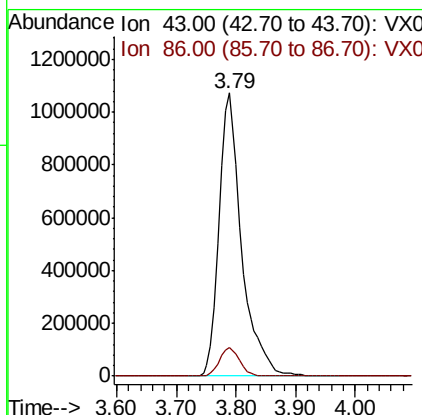
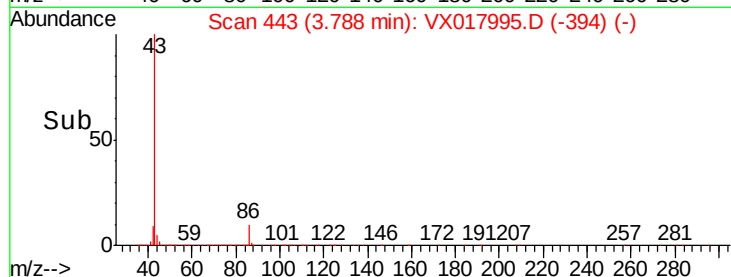
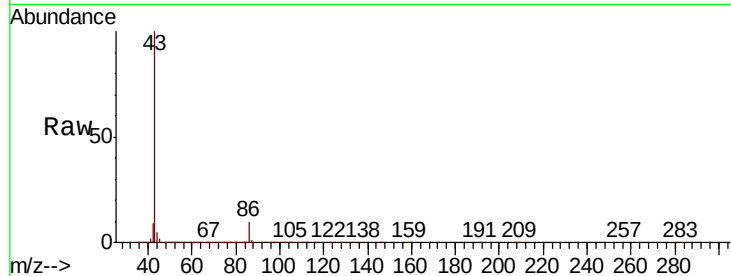
VSTDCCC050EC

Tot Ion: 43 Resp: 2828732

Ion Ratio Lower Upper

43 100

86 10.2 8.1 12.1



#24

1,1-Dichloroethane

Concen: 47.426 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

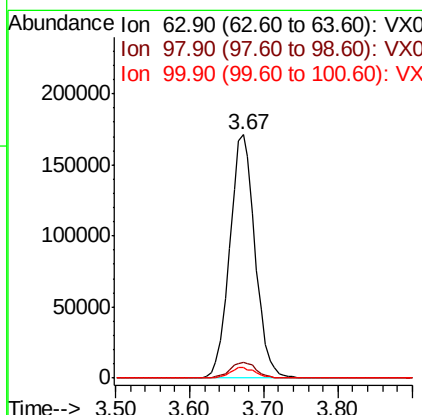
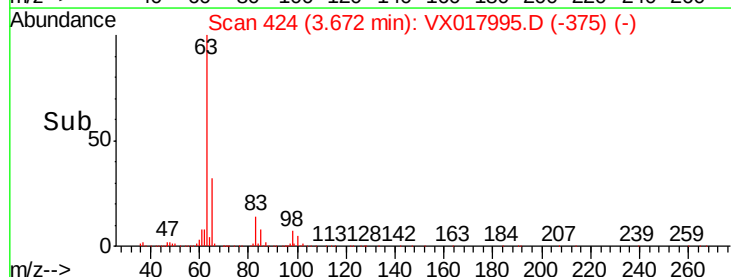
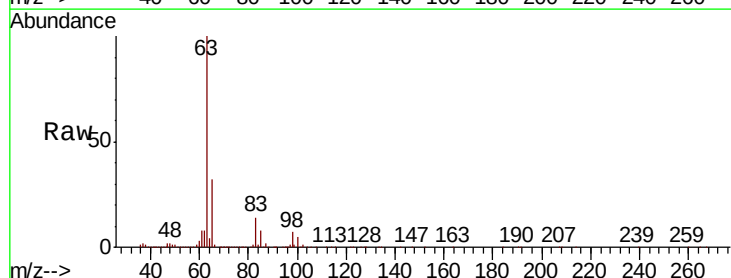
Tgt Ion: 63 Resp: 406859

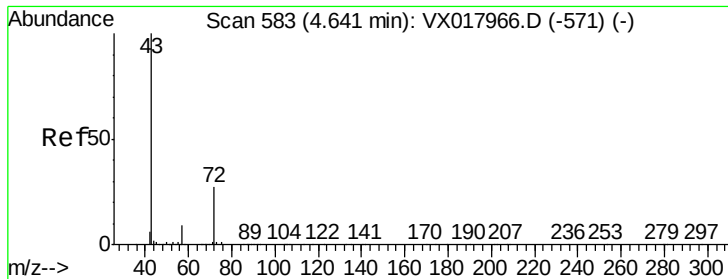
Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.0

100 4.6 2.0 5.8

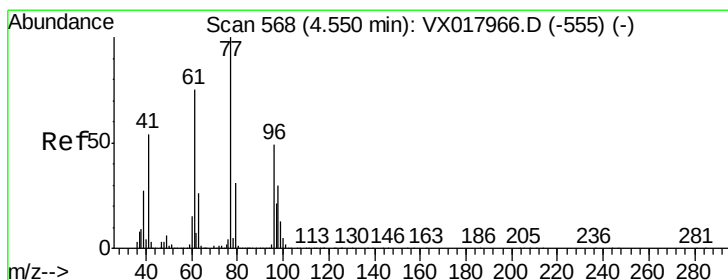
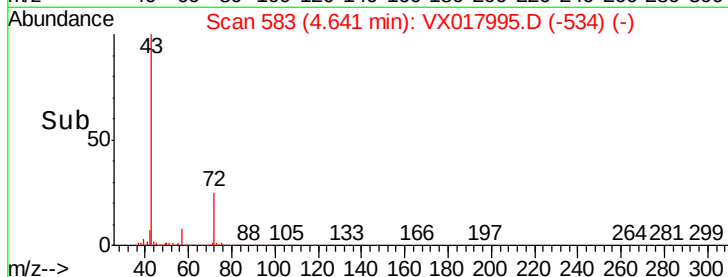
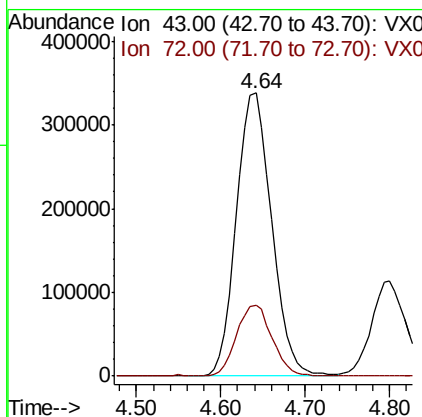
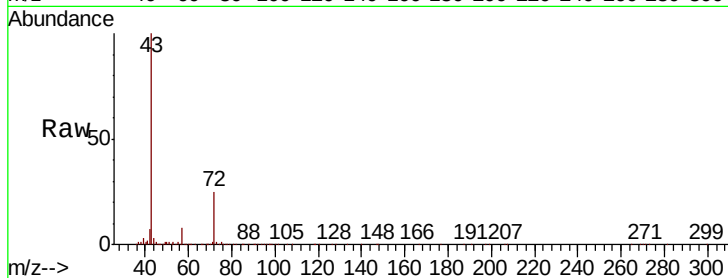




#25
2-Butanone
Concen: 238.648 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

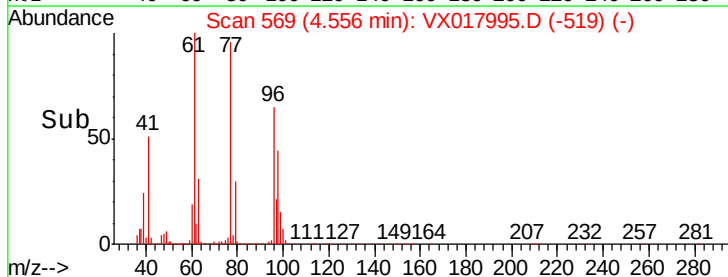
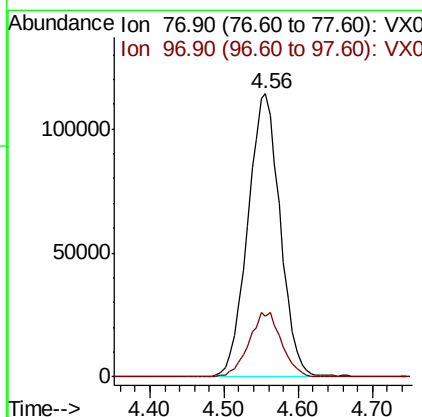
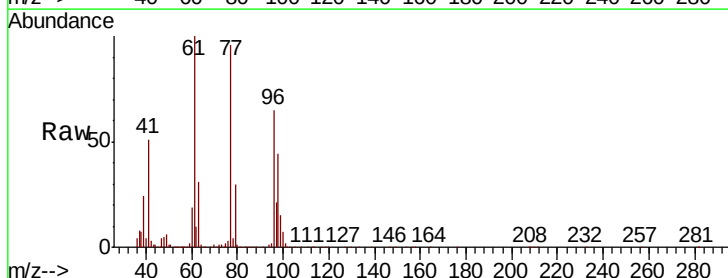
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

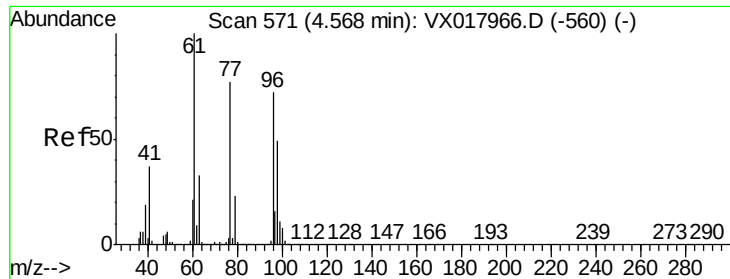
Tot Ion: 43 Resp: 956842
Ion Ratio Lower Upper
43 100
72 25.2 21.4 32.2



#26
2,2-Dichloropropane
Concen: 44.572 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Tgt Ion: 77 Resp: 348200
Ion Ratio Lower Upper
77 100
97 22.9 10.9 32.9



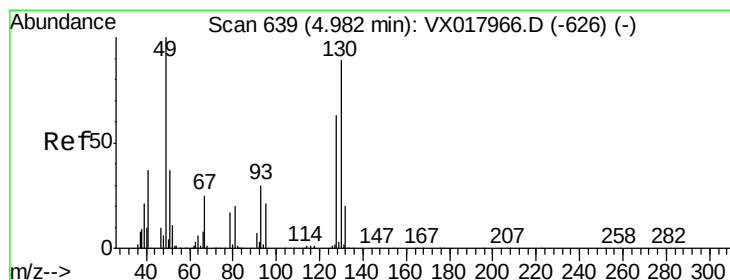
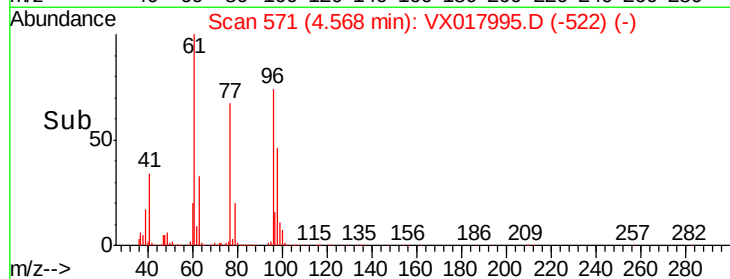
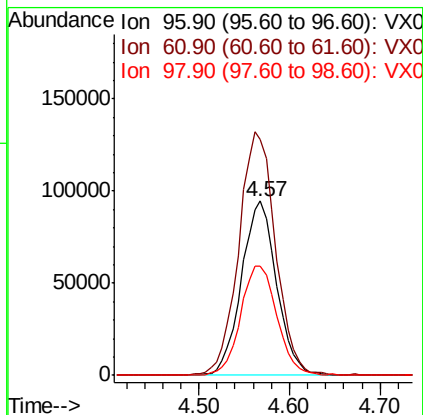
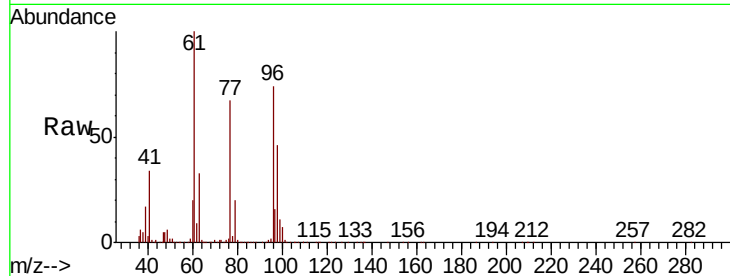


#27

cis-1,2-Dichloroethene
 Concen: 50.623 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX017995.D
 Acq: 19 Aug 2020 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

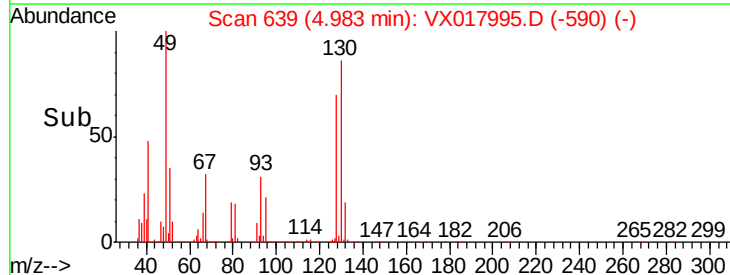
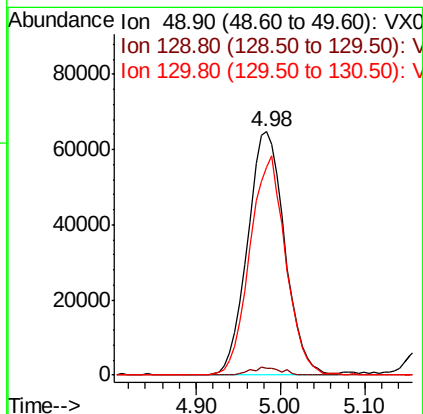
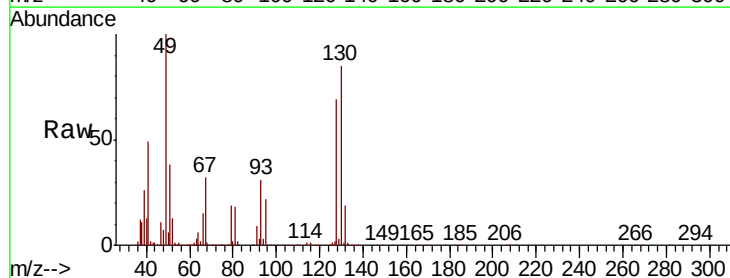
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	298.8
98	64.9	0.0	130.2

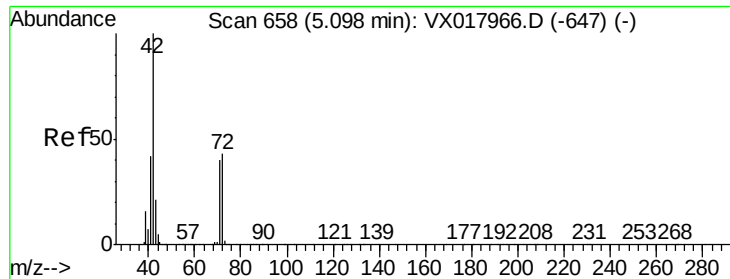


#28

Bromochloromethane
 Concen: 43.821 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX017995.D
 Acq: 19 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	3.6
130	87.0	68.5	102.7





#29

Tetrahydrofuran

Concen: 233.793 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

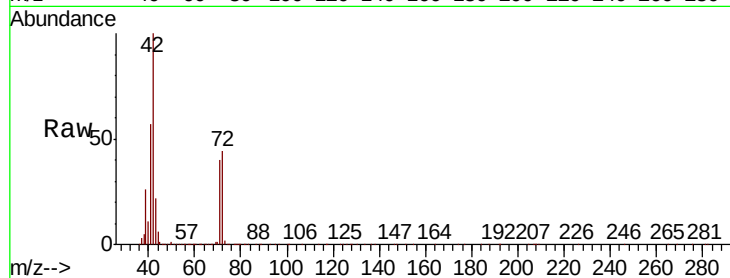
Tot Ion: 42 Resp: 582171

Ion Ratio Lower Upper

42 100

72 43.8 35.9 53.9

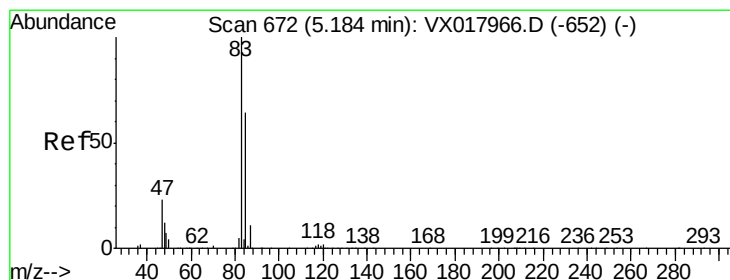
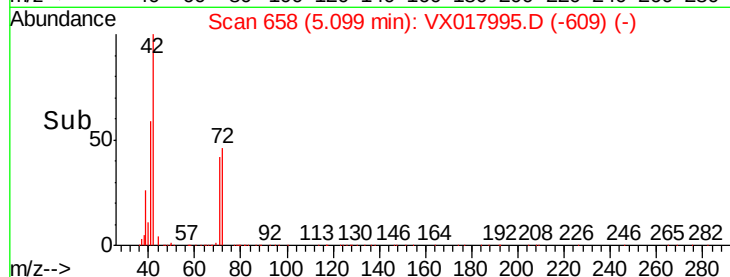
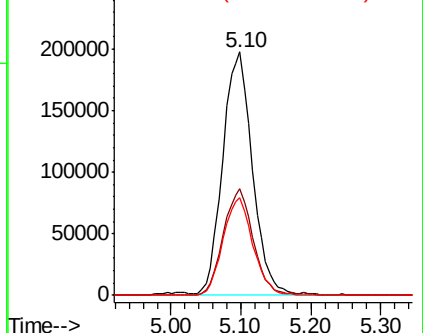
71 40.3 33.0 49.4



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: 46.120 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017995.D

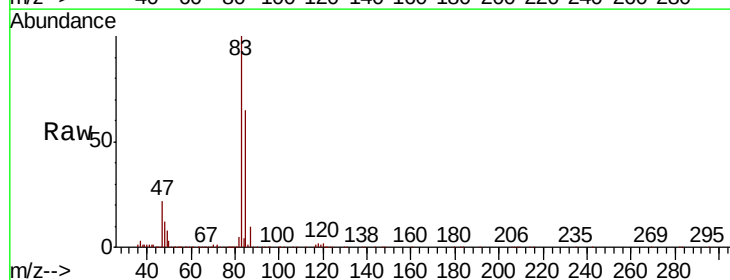
Acq: 19 Aug 2020 19:07

Tgt Ion: 83 Resp: 432455

Ion Ratio Lower Upper

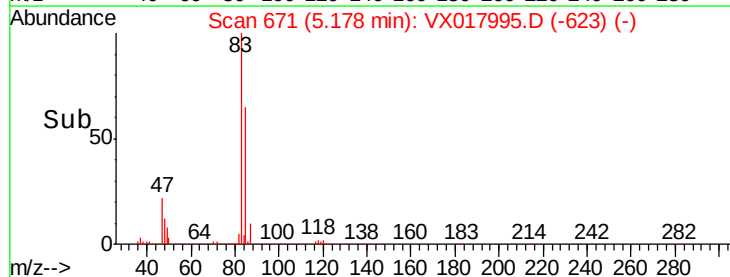
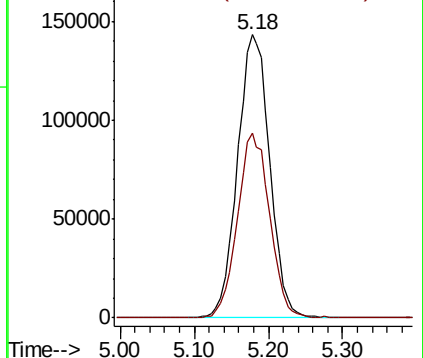
83 100

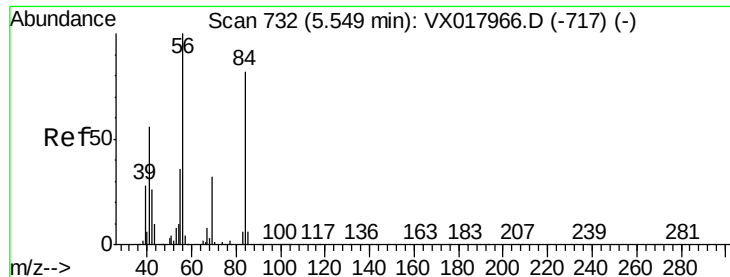
85 65.4 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

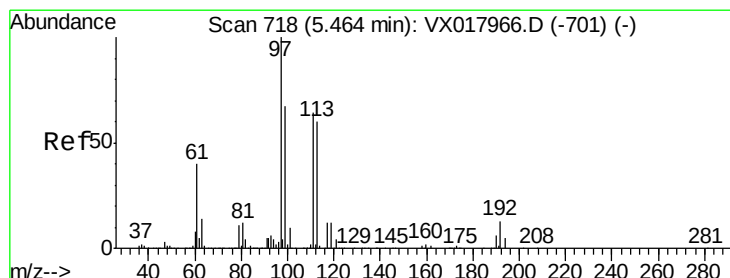
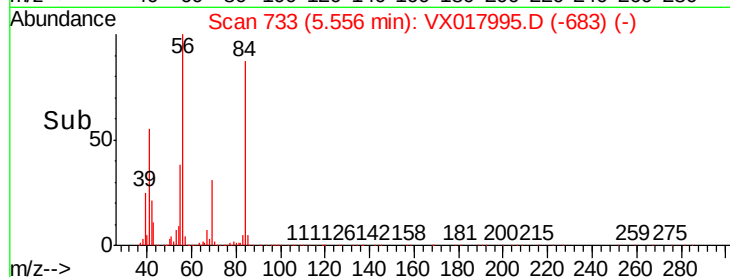
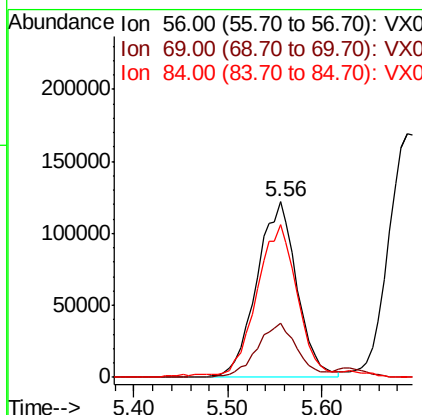
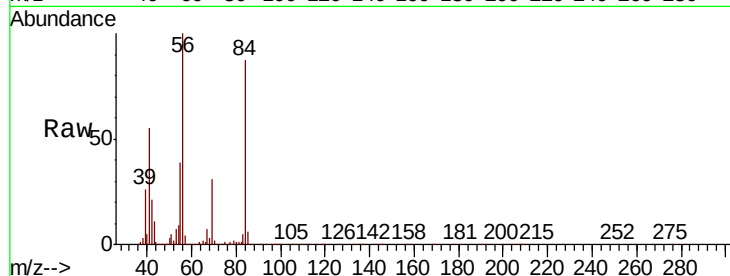




#31
Cyclohexane
Concen: 52.292 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

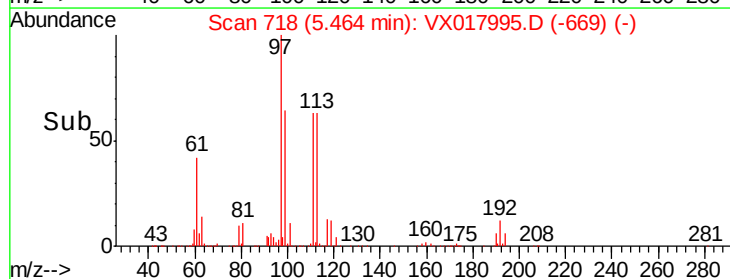
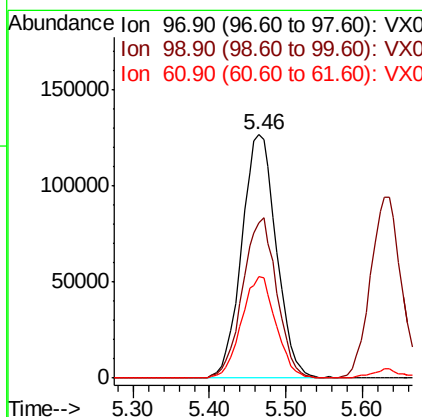
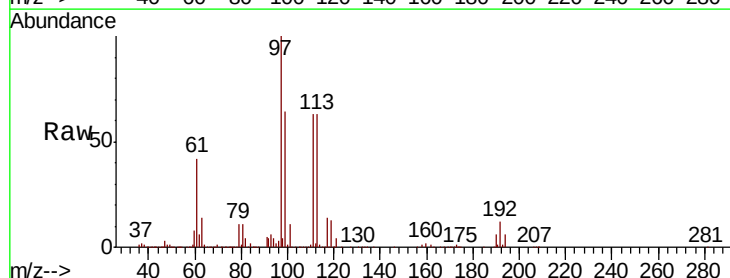
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

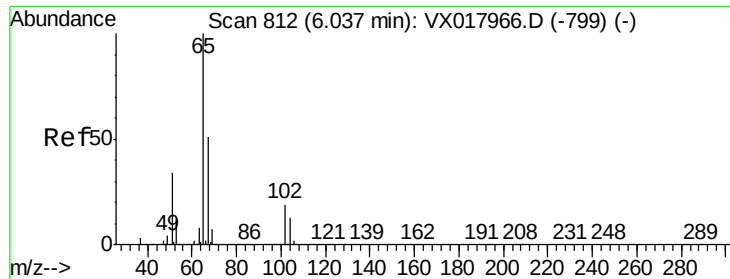
Tot Ion: 56 Resp: 363770
Ion Ratio Lower Upper
56 100
69 31.0 25.3 37.9
84 85.8 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 46.844 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Tgt Ion: 97 Resp: 398472
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 41.4 33.7 50.5

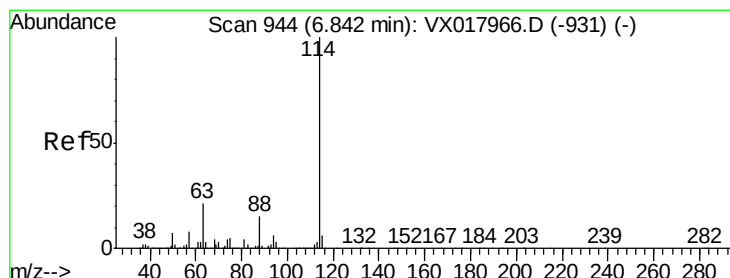
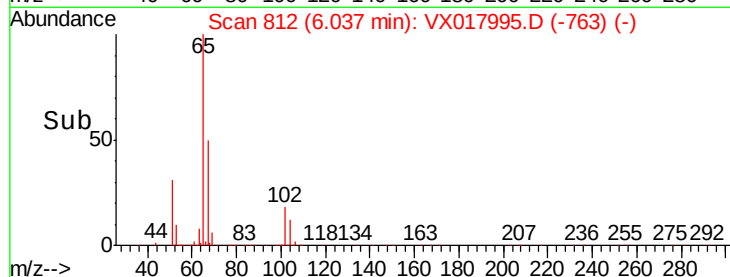
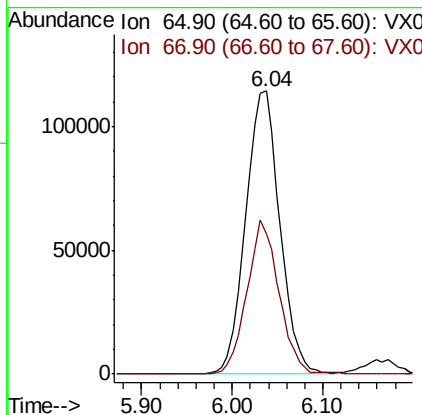
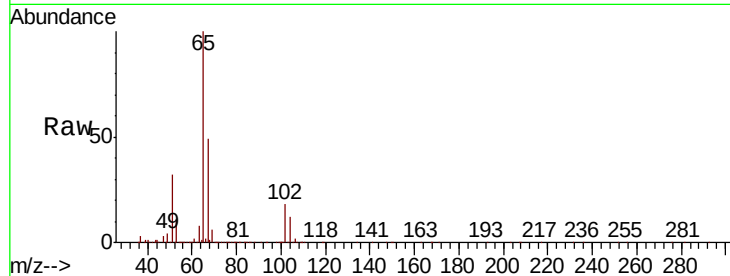




#33
 1,2-Dichloroethane-d4
 Concen: 44.337 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: VX017995.D
 Acq: 19 Aug 2020 19:07

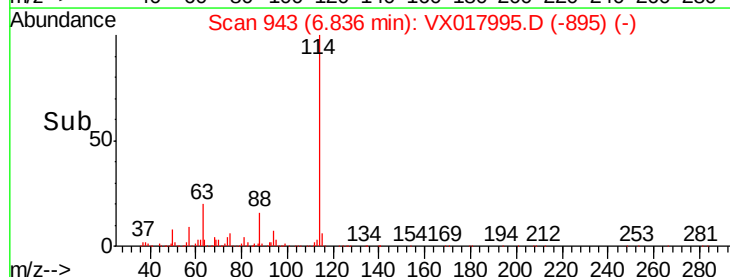
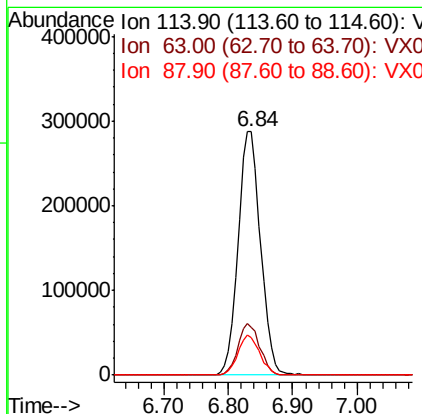
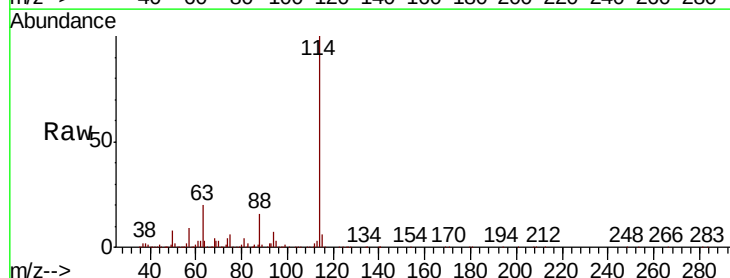
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

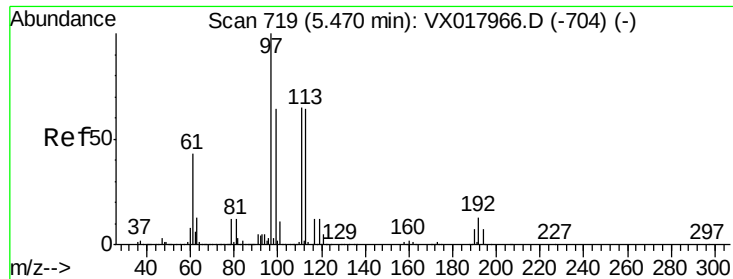
Tot Ion: 65 Resp: 298468
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: VX017995.D
 Acq: 19 Aug 2020 19:07

Tgt Ion: 114 Resp: 692731
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.6
 88 15.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 44.319 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

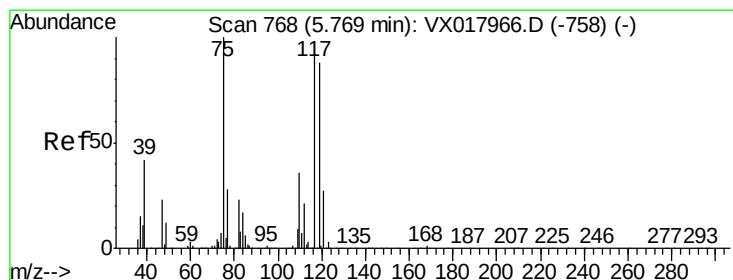
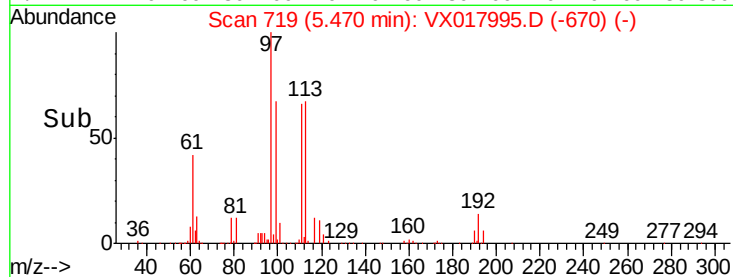
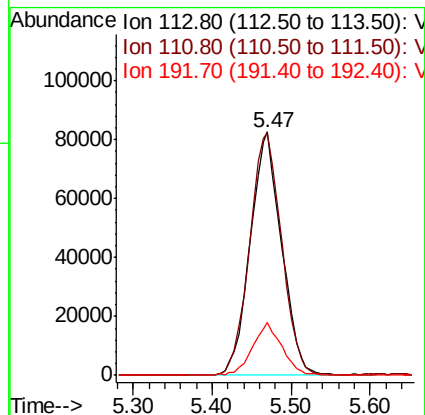
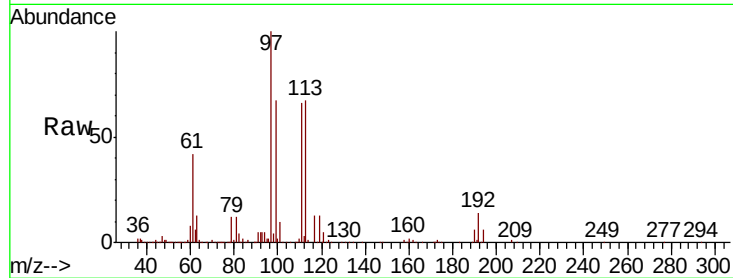
Tot Ion:113 Resp: 228625

Ion Ratio Lower Upper

113 100

111 101.7 83.5 125.3

192 20.3 16.2 24.4



#36

1,1-Dichloropropene

Concen: 50.674 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

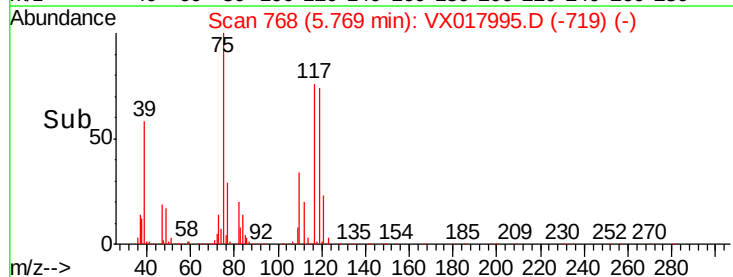
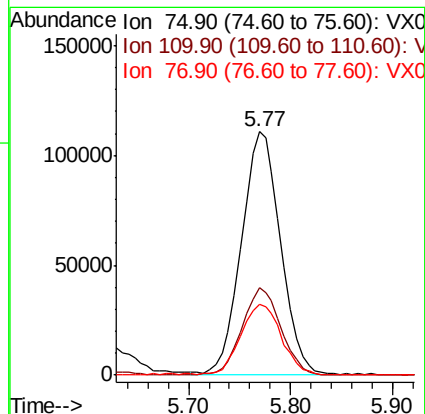
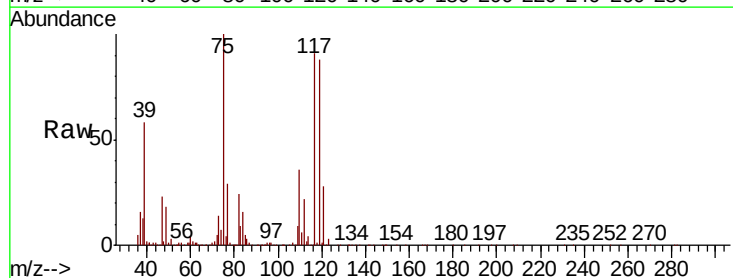
Tgt Ion: 75 Resp: 293816

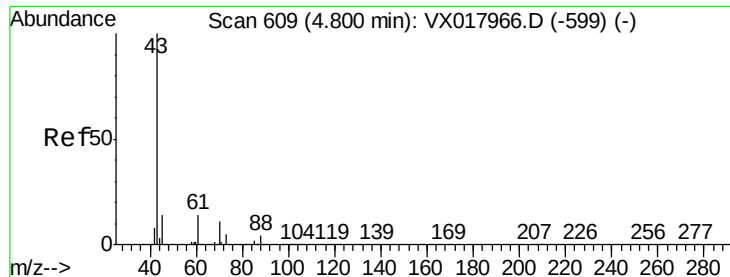
Ion Ratio Lower Upper

75 100

110 35.7 18.7 56.1

77 30.5 24.4 36.6

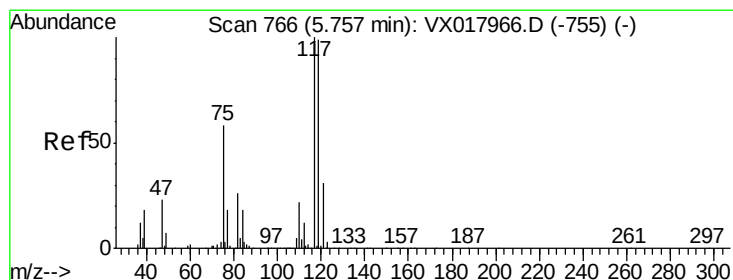
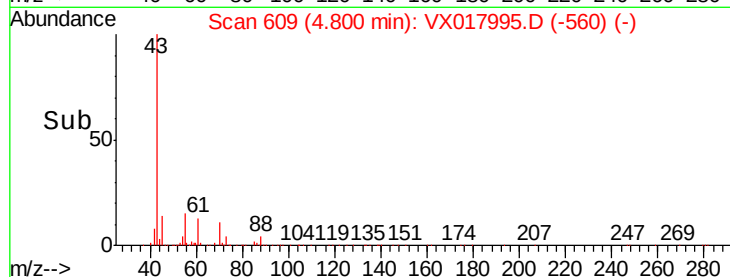
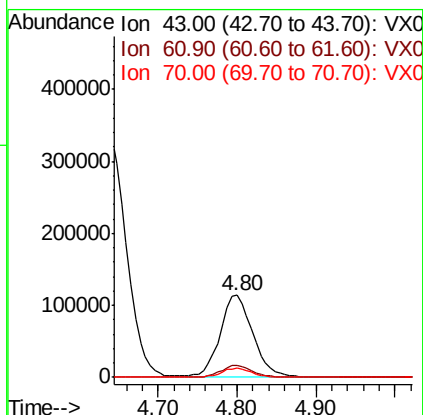
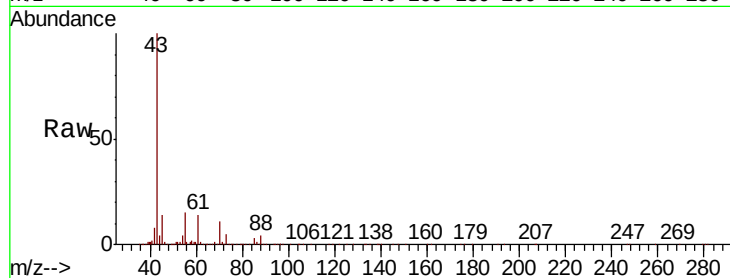




#37
Ethyl Acetate
Concen: 47.089 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

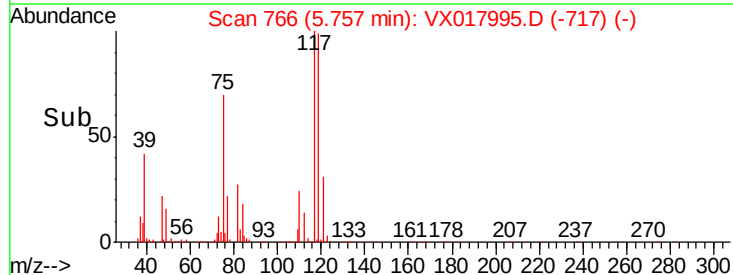
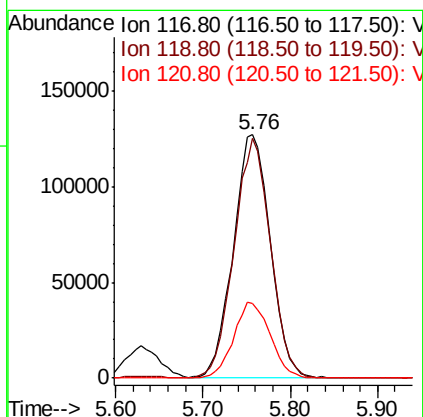
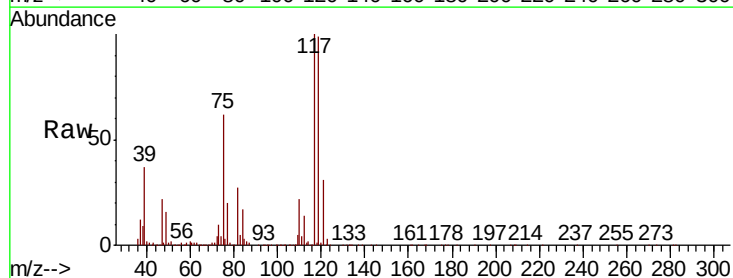
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

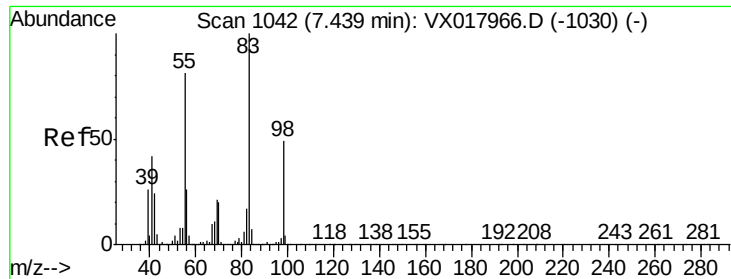
Tot Ion: 43 Resp: 326677
Ion Ratio Lower Upper
43 100
61 14.0 11.3 16.9
70 10.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 49.971 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Tgt Ion: 117 Resp: 374991
Ion Ratio Lower Upper
117 100
119 98.5 79.0 118.6
121 30.7 24.7 37.1

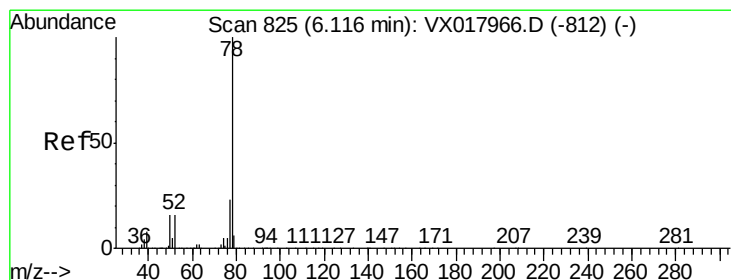
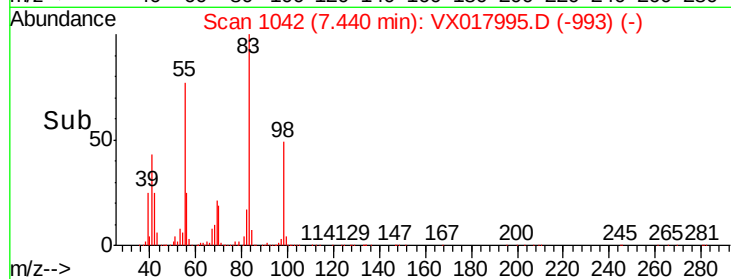
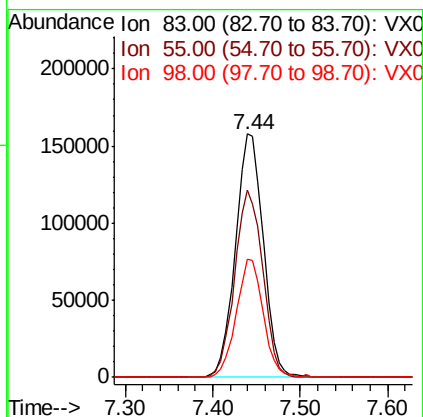
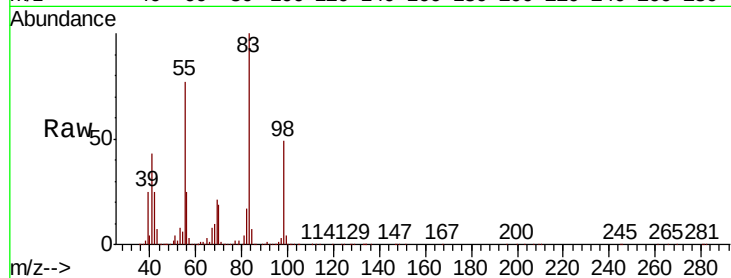




#39
Methylvlcyclohexane
Concen: 47.300 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

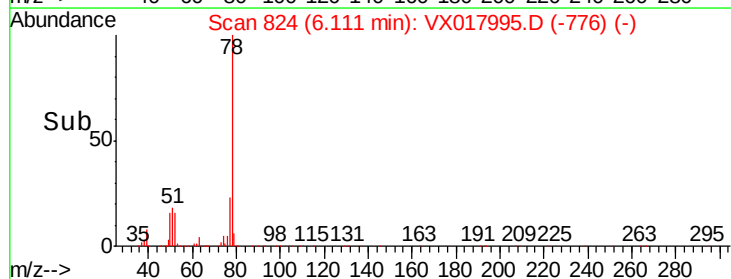
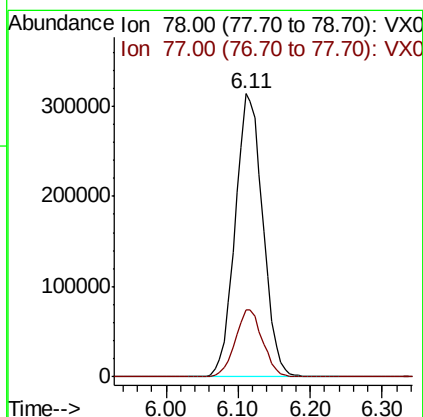
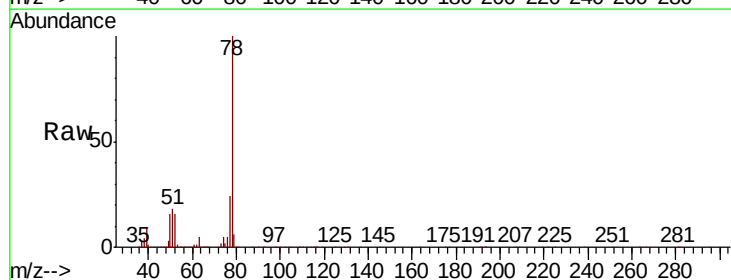
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

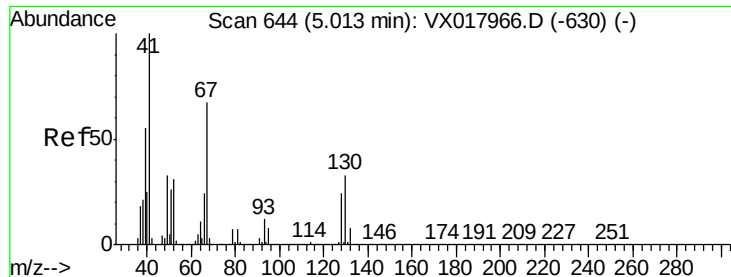
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.8	64.5	96.7
98	48.5	39.0	58.6



#40
Benzene
Concen: 47.831 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

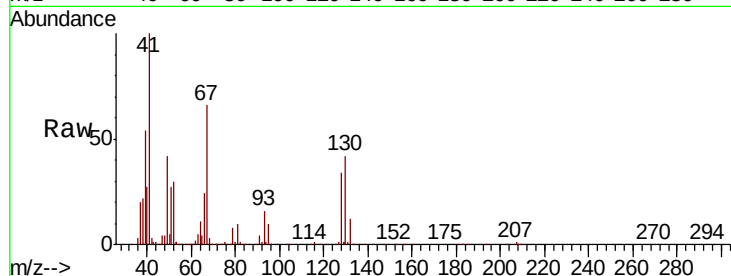




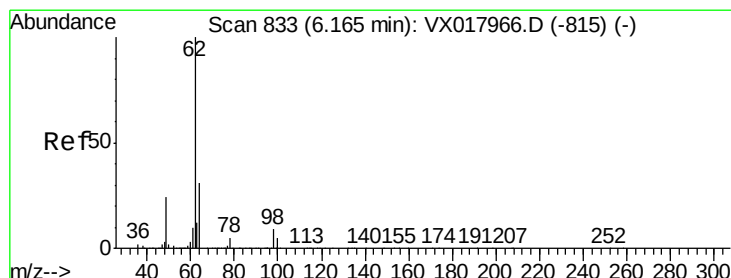
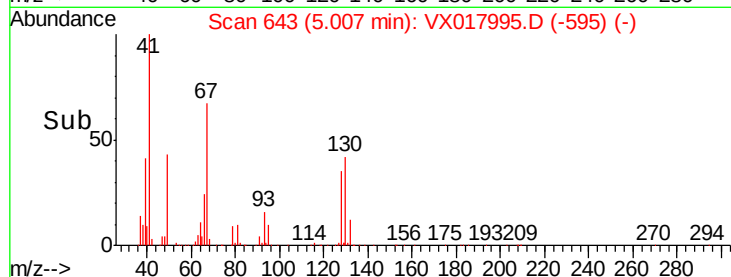
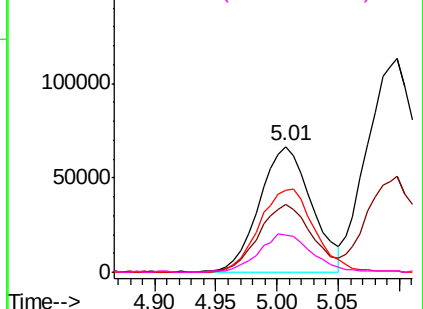
#41
Methacrylonitrile
Concen: 49.486 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	196772
Ion	Ratio	Lower	Upper
41	100		
39	54.5	44.8	67.2
67	70.6	57.5	86.3
52	31.0	25.6	38.4

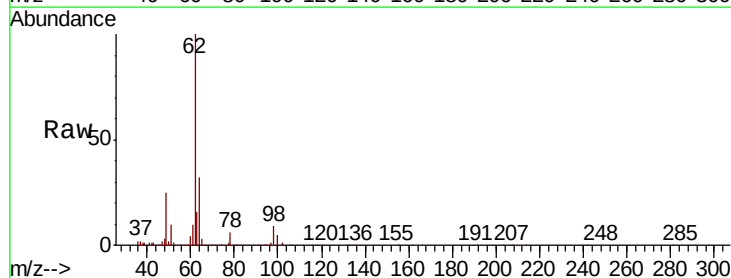


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

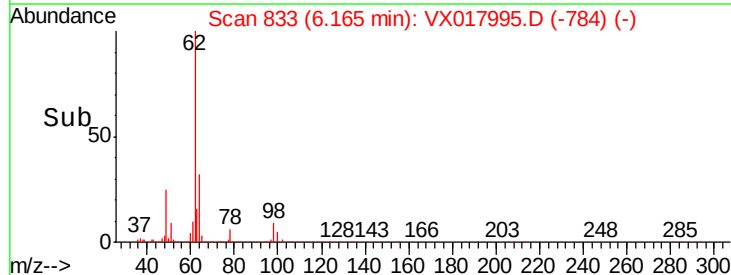
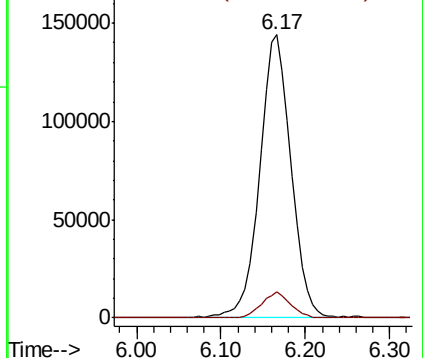


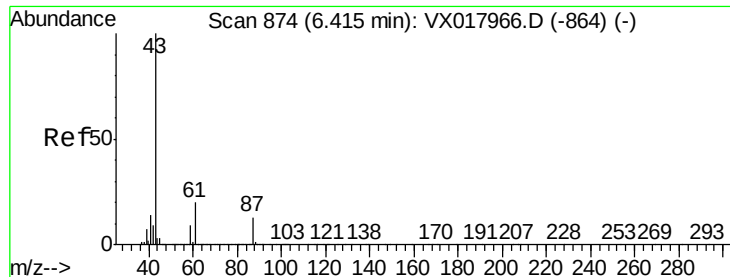
#42
1,2-Dichloroethane
Concen: 49.520 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Tgt Ion:	62	Resp:	367340
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



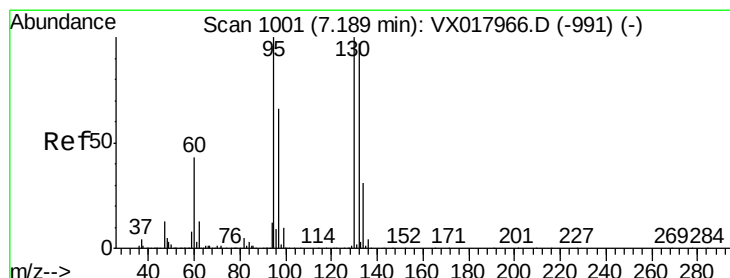
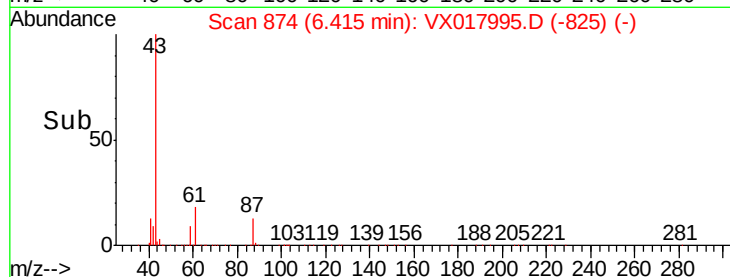
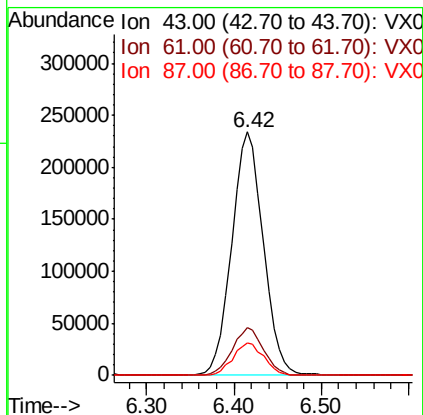
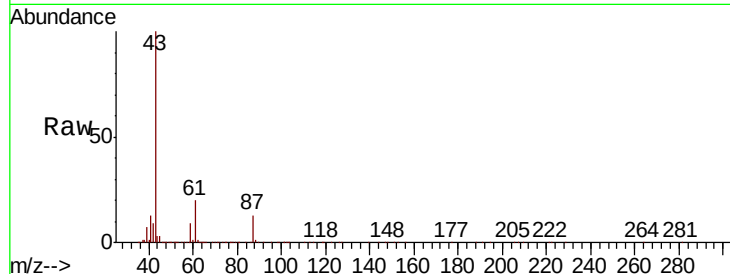


#43

Isopropyl Acetate
 Concen: 52.010 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX017995.D
 Acq: 19 Aug 2020 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

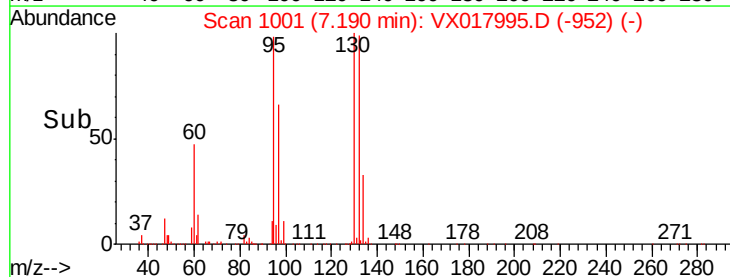
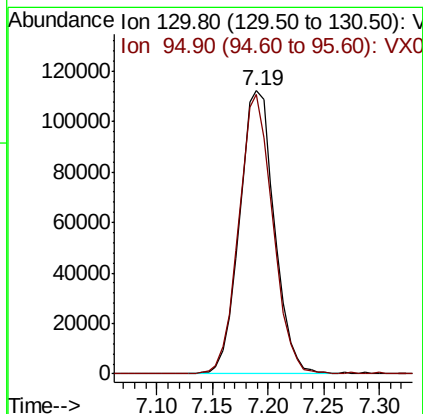
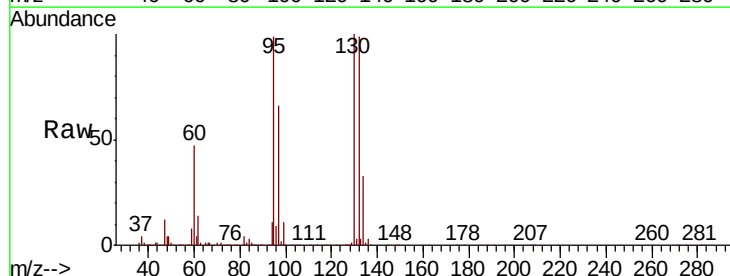
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.2	24.4
87	13.3	10.8	16.2

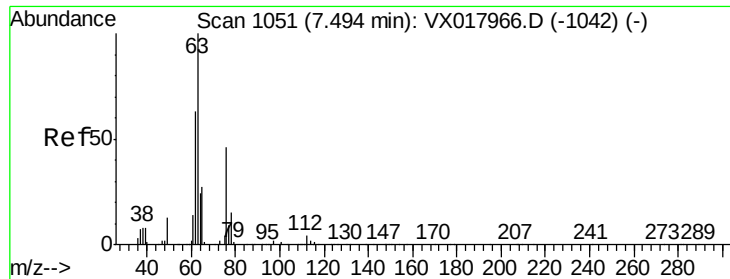


#44

Trichloroethene
 Concen: 47.049 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017995.D
 Acq: 19 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	200.6

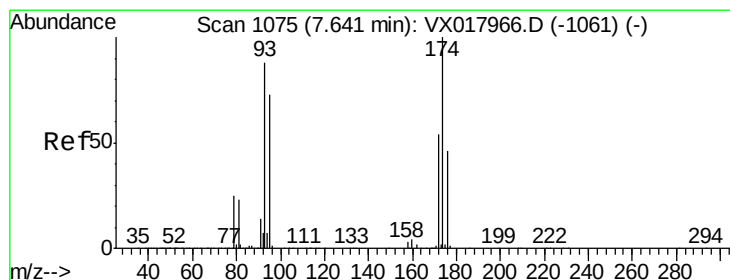
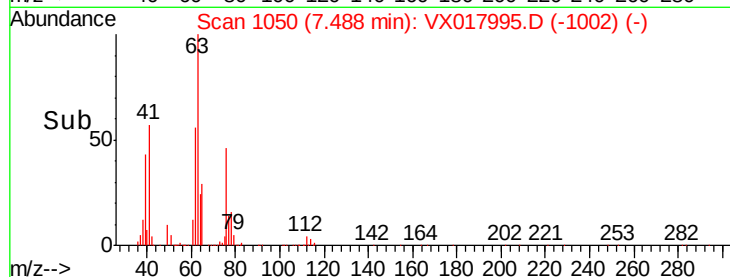
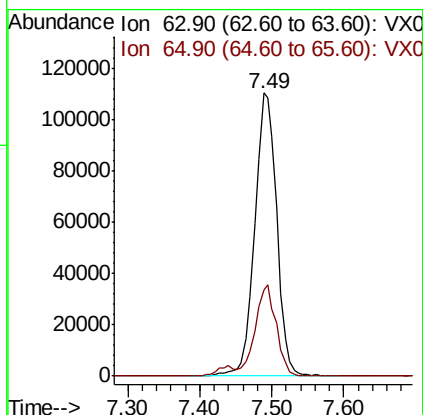
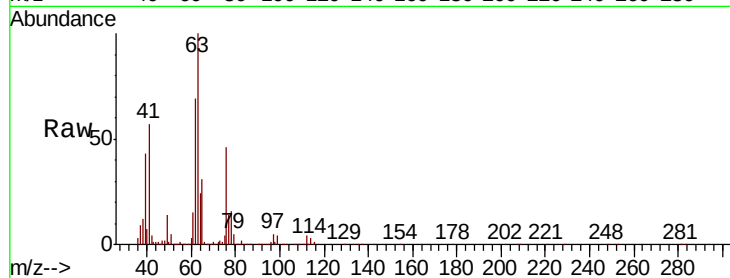




#45
 1,2-Dichloropropane
 Concen: 47.016 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX017995.D
 Acq: 19 Aug 2020 19:07

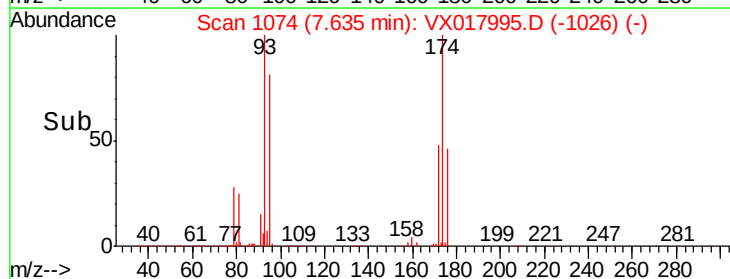
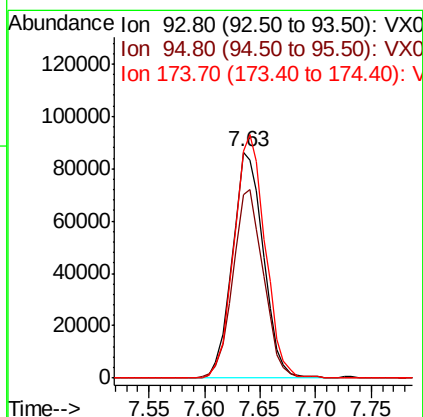
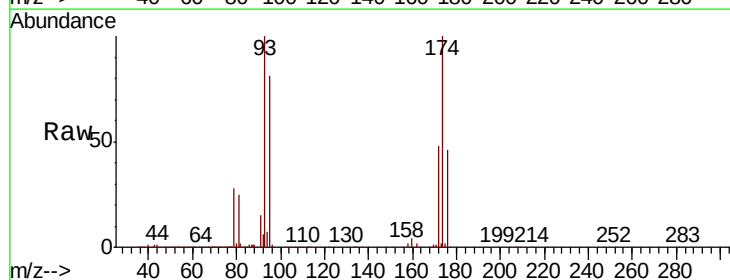
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

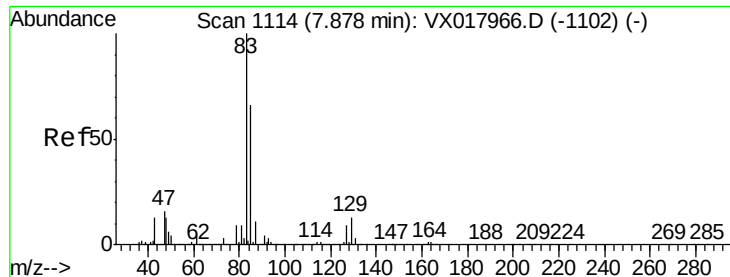
Tot Ion: 63 Resp: 235252
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.8 35.8



#46
 Dibromomethane
 Concen: 47.777 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017995.D
 Acq: 19 Aug 2020 19:07

Tgt Ion: 93 Resp: 166845
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.8 100.2
 174 108.1 88.3 132.5





#47

Bromodichloromethane

Concen: 46.955 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

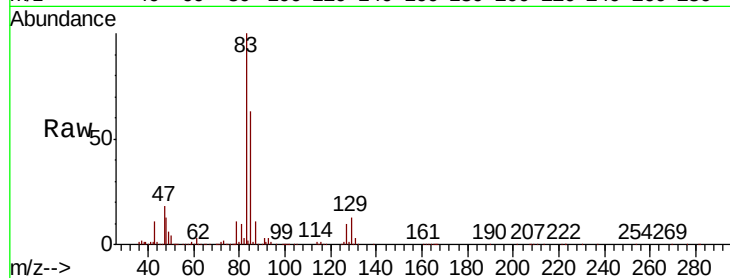
Tot Ion: 83 Resp: 355969

Ion Ratio Lower Upper

83 100

85 62.9 52.4 78.6

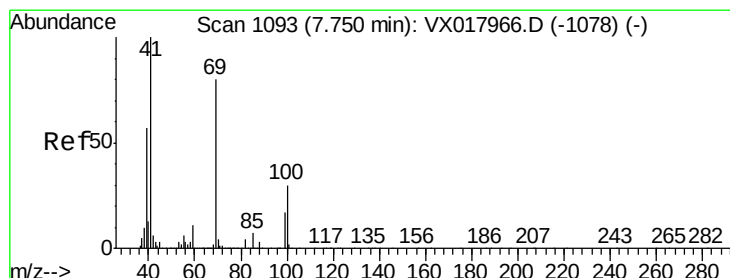
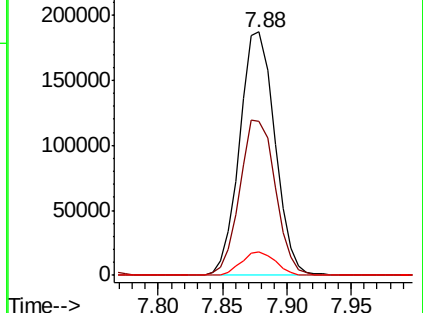
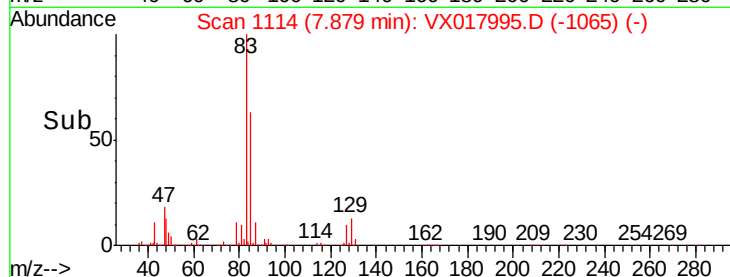
127 9.7 7.0 10.6



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: 50.129 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

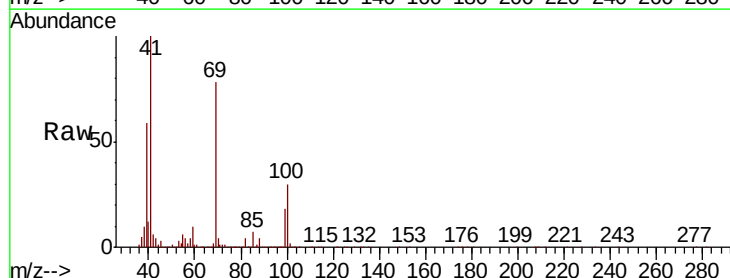
Tgt Ion: 41 Resp: 278307

Ion Ratio Lower Upper

41 100

69 81.4 64.3 96.5

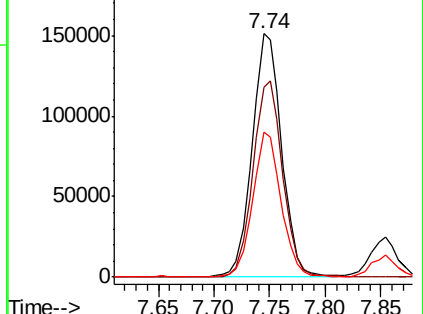
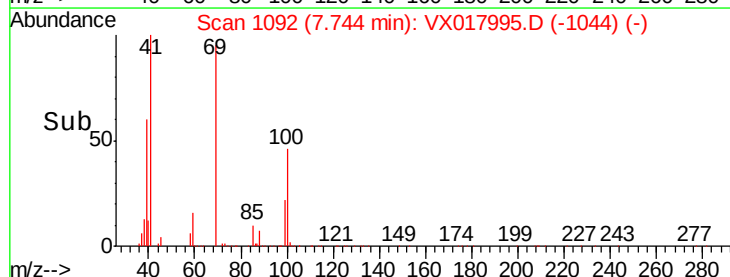
39 57.2 45.3 67.9

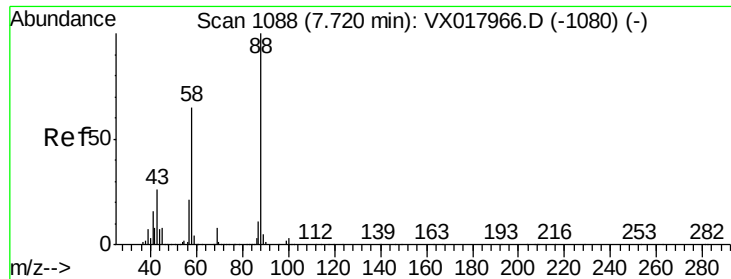


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

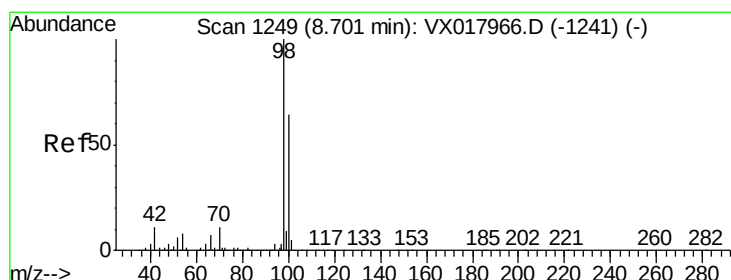
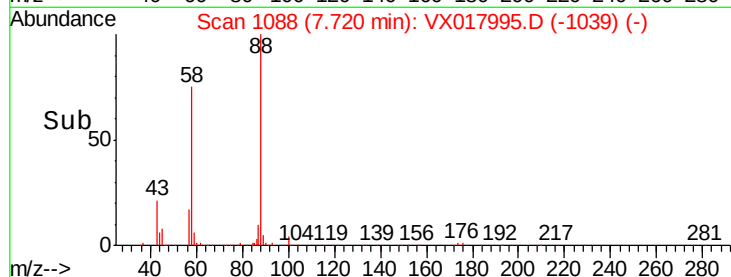
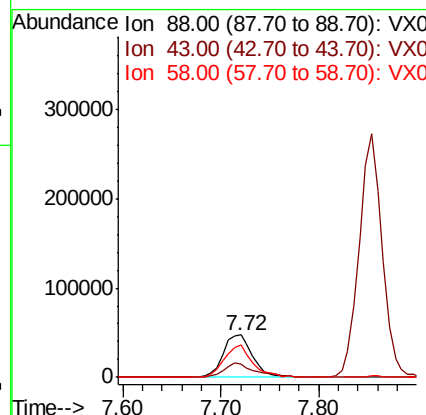
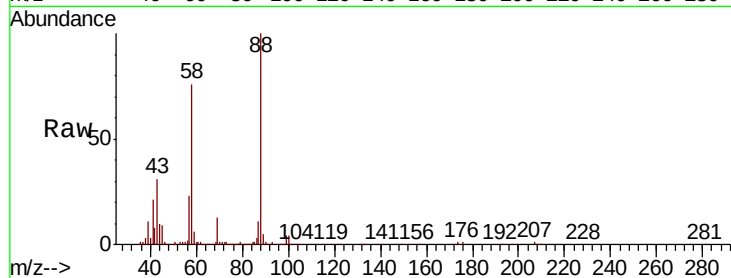




#49
1,4-Dioxane
Concen: 876.224 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

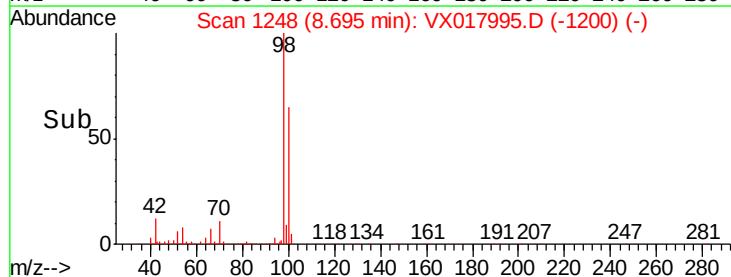
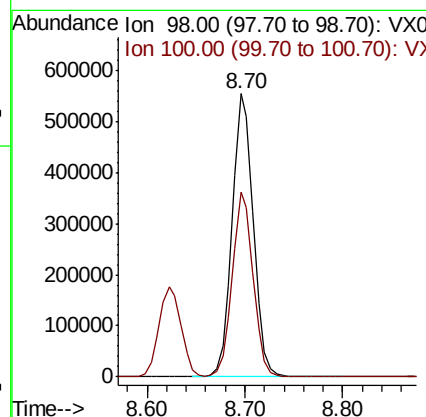
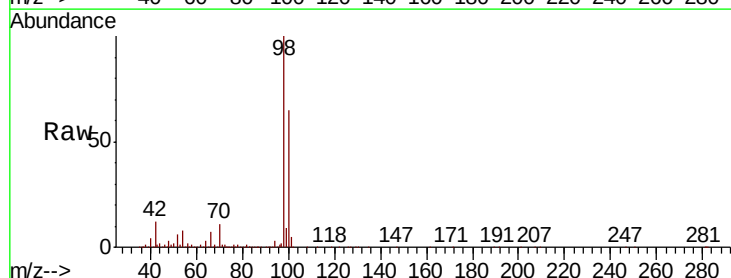
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

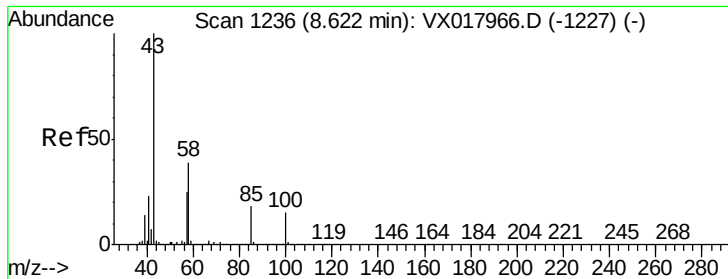
Tot Ion: 88 Resp: 99592
Ion Ratio Lower Upper
88 100
43 35.5 27.3 40.9
58 74.1 57.7 86.5



#50
Toluene-d8
Concen: 45.339 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Tgt Ion: 98 Resp: 826749
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.2

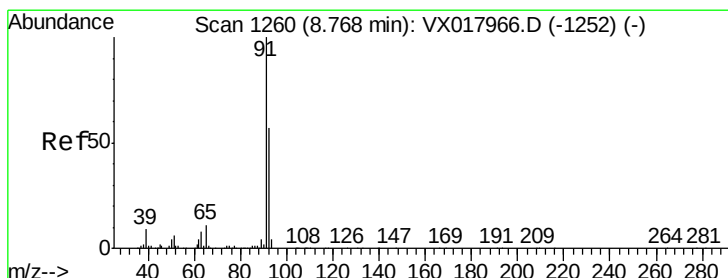
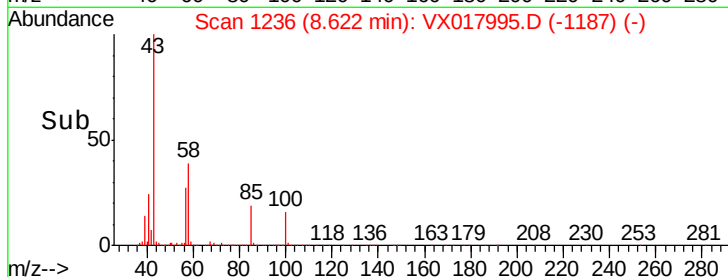
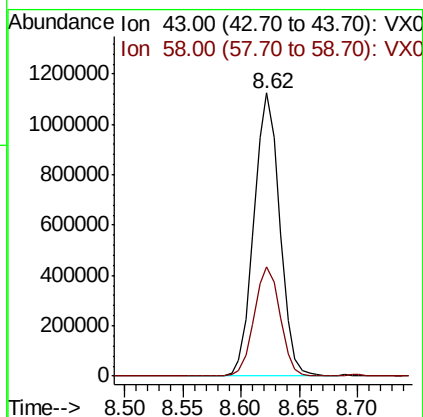
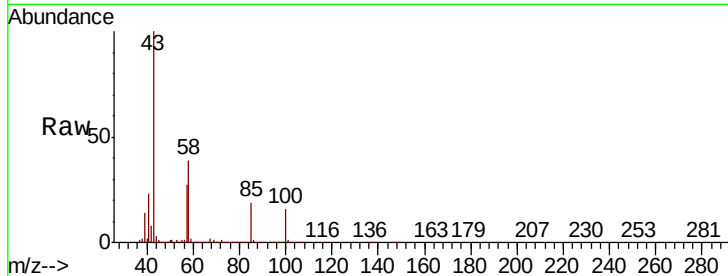




#51
4-Methyl-2-Pentanone
Concen: 231.745 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

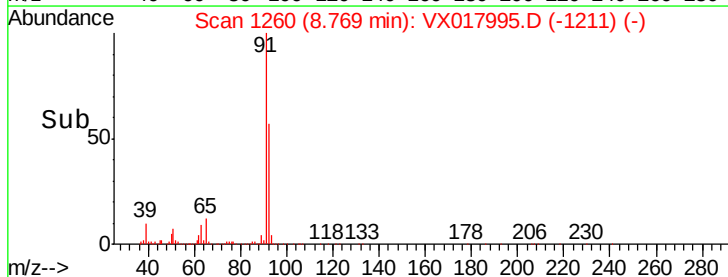
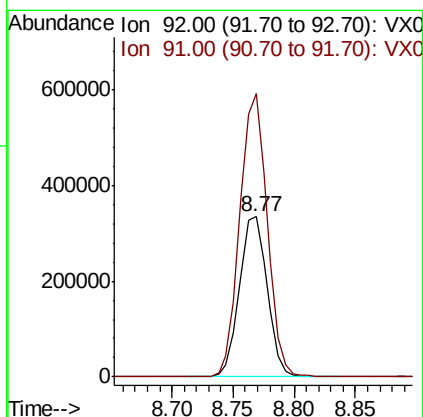
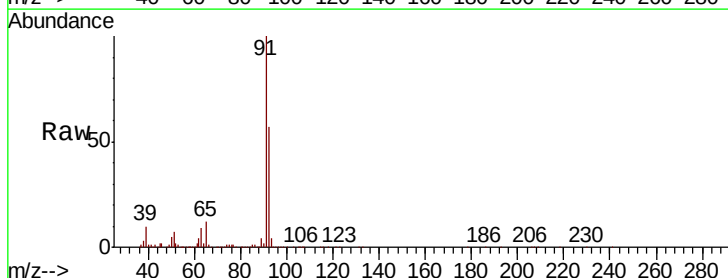
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

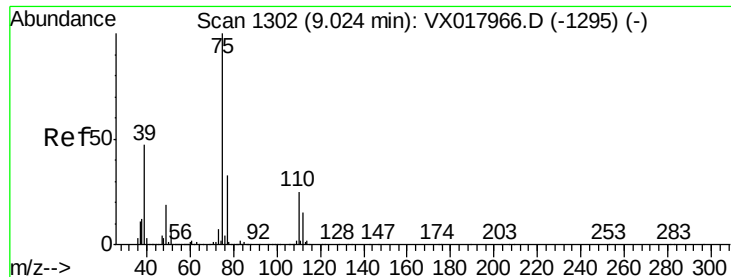
Tot Ion: 43 Resp: 1747406
Ion Ratio Lower Upper
43 100
58 38.8 31.0 46.4



#52
Toluene
Concen: 46.435 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Tgt Ion: 92 Resp: 530547
Ion Ratio Lower Upper
92 100
91 173.8 138.4 207.6

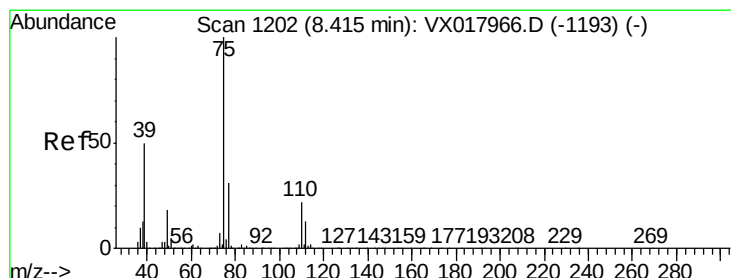
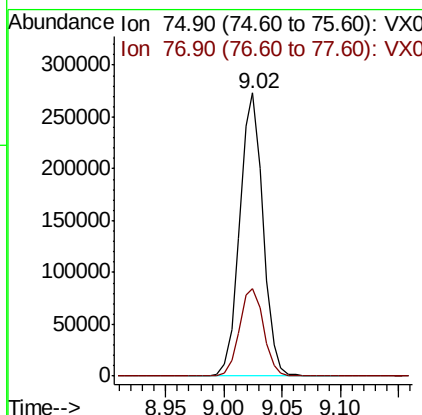
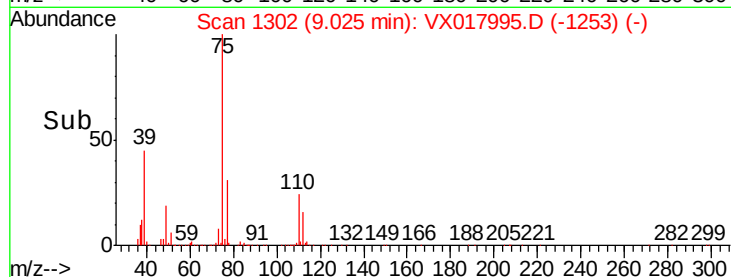
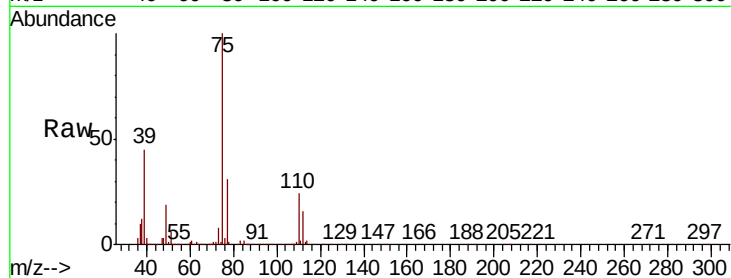




#53
t-1,3-Dichloropropene
Concen: 47.540 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

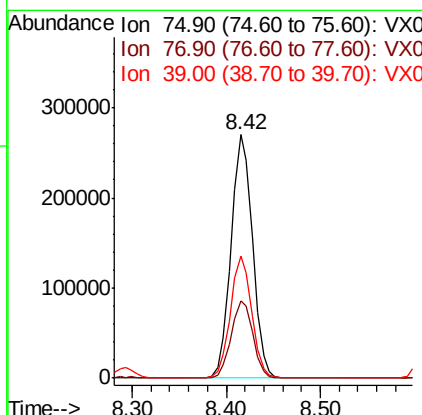
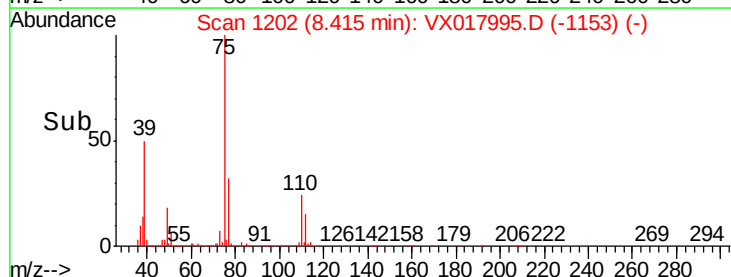
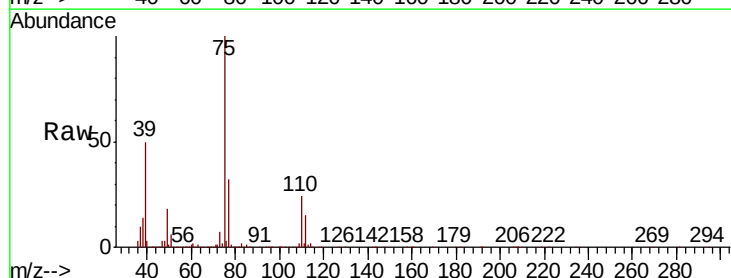
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

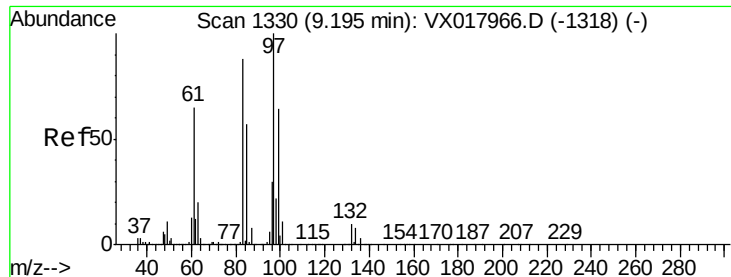
Tot Ion: 75 Resp: 381182
Ion Ratio Lower Upper
75 100
77 31.1 26.1 39.1



#54
cis-1,3-Dichloropropene
Concen: 51.013 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Tgt Ion: 75 Resp: 426487
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8
39 49.9 39.7 59.5

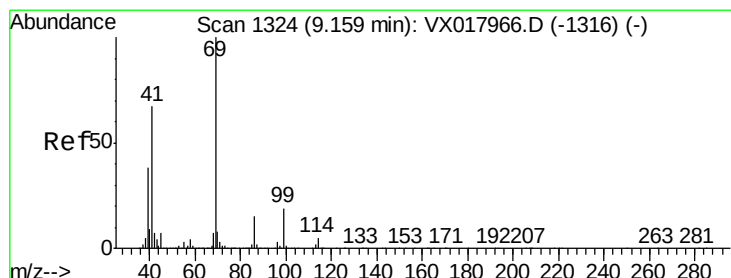
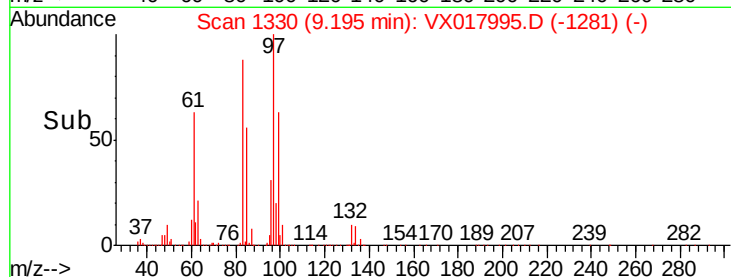
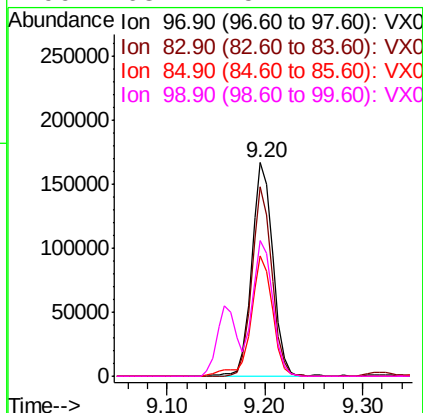
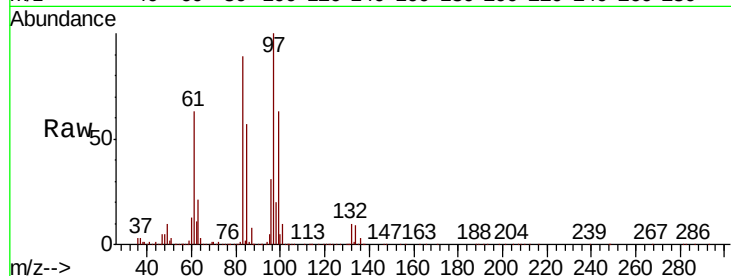




#55
 1,1,2-Trichloroethane
 Concen: 47.428 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017995.D
 Acq: 19 Aug 2020 19:07

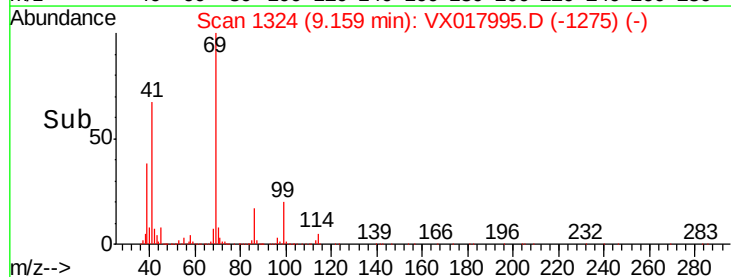
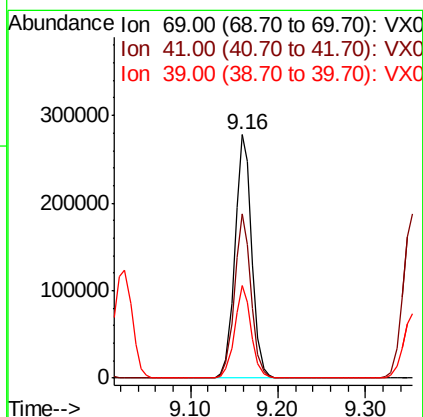
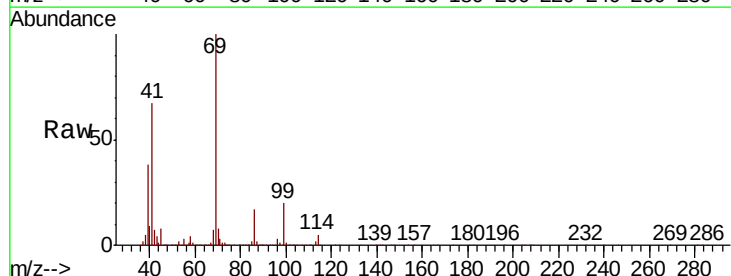
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

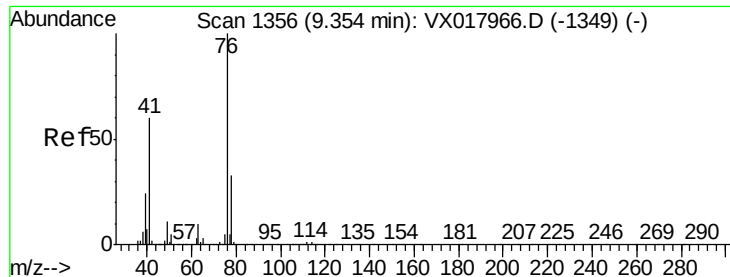
Tot Ion:	97	Resp:	248949
Ion	Ratio	Lower	Upper
97	100		
83	88.4	70.1	105.1
85	56.4	45.8	68.8
99	63.4	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 50.505 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017995.D
 Acq: 19 Aug 2020 19:07

Tgt Ion:	69	Resp:	374816
Ion	Ratio	Lower	Upper
69	100		
41	66.1	52.3	78.5
39	37.2	29.2	43.8





#57

1,3-Dichloropropane

Concen: 52.049 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

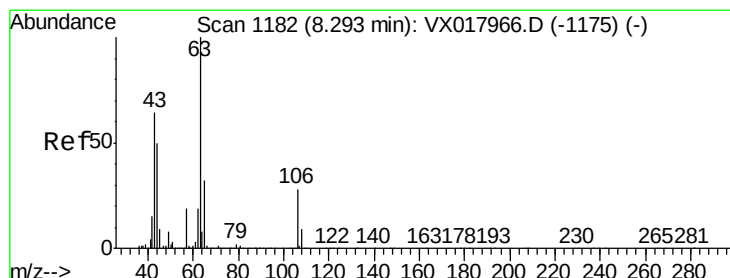
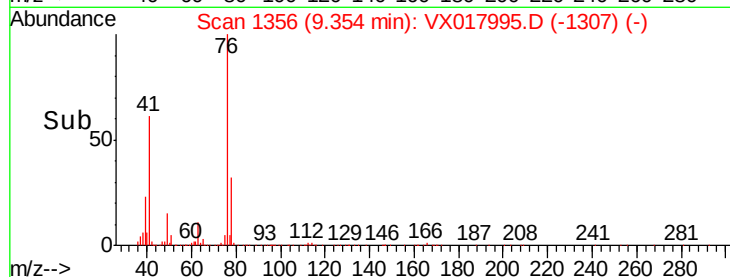
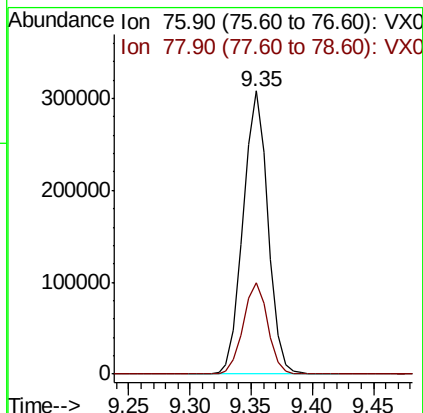
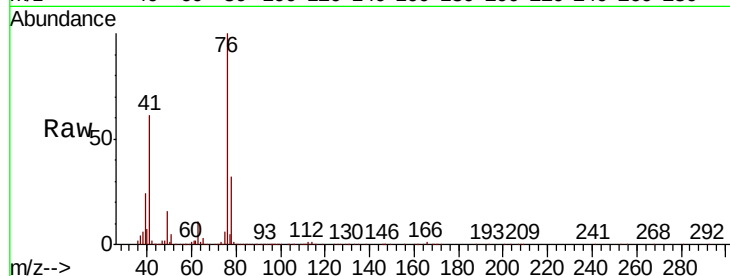
VSTDCCC050EC

Tot Ion: 76 Resp: 433897

Ion Ratio Lower Upper

76 100

78 32.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 222.417 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017995.D

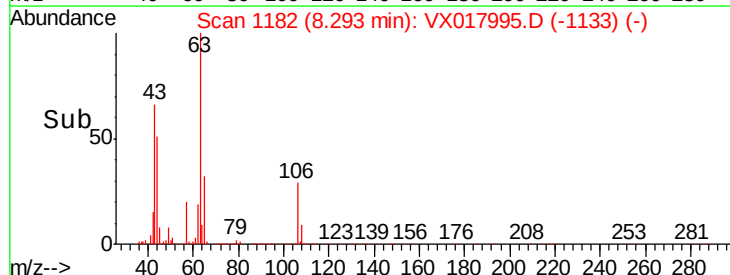
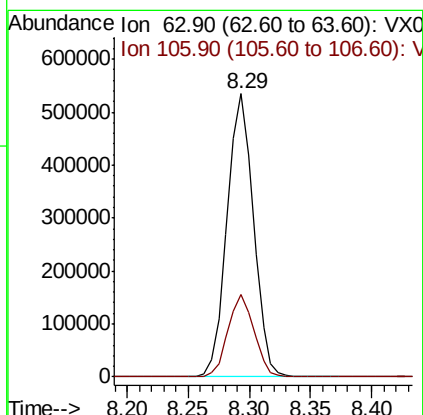
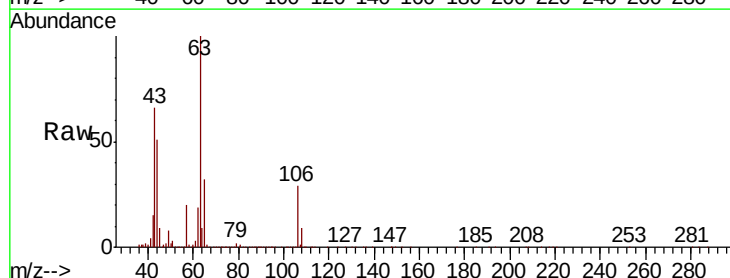
Acq: 19 Aug 2020 19:07

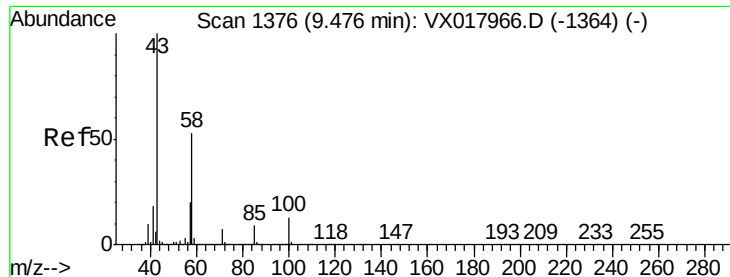
Tgt Ion: 63 Resp: 799325

Ion Ratio Lower Upper

63 100

106 28.9 23.0 34.4

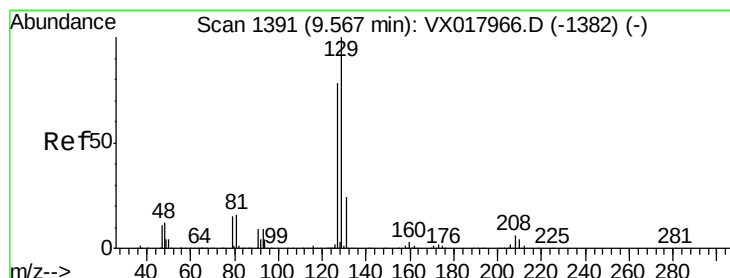
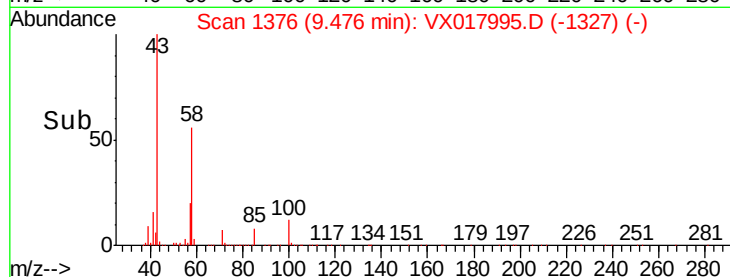
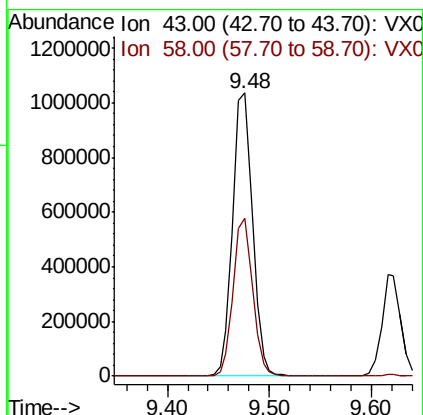
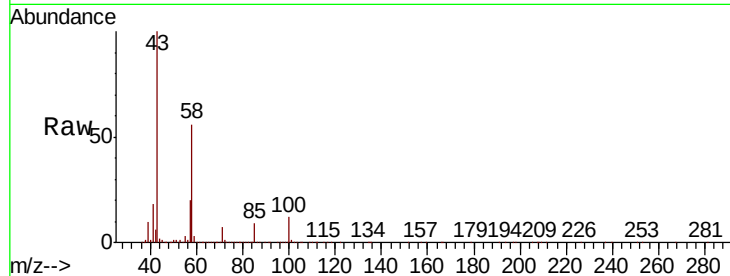




#59
2-Hexanone
Concen: 243.783 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

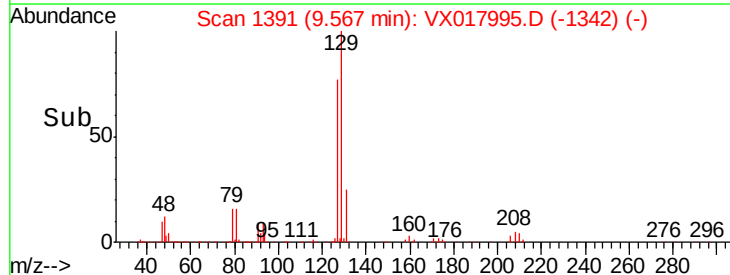
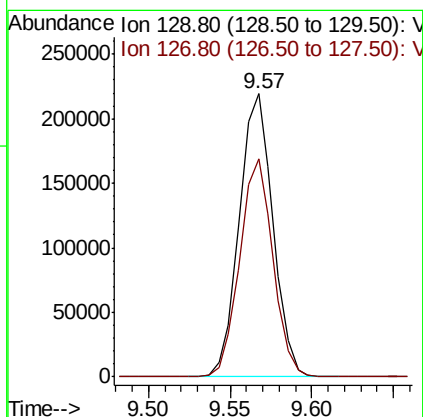
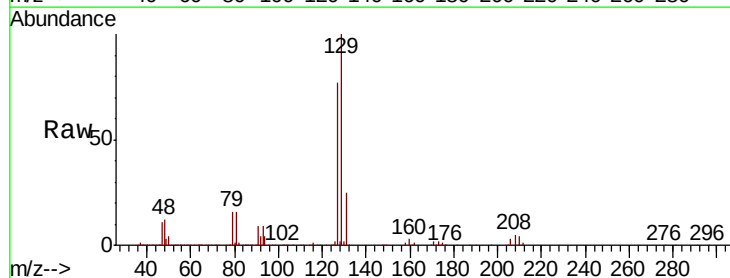
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

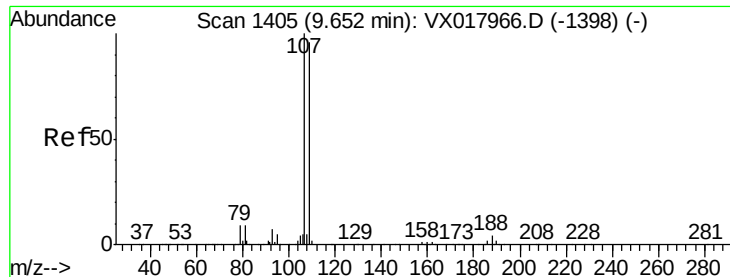
Tot Ion: 43 Resp: 1392860
Ion Ratio Lower Upper
43 100
58 54.6 26.4 79.0



#60
Dibromochloromethane
Concen: 48.148 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Tgt Ion: 129 Resp: 315634
Ion Ratio Lower Upper
129 100
127 76.0 39.5 118.3





#61

1,2-Dibromoethane

Concen: 47.277 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

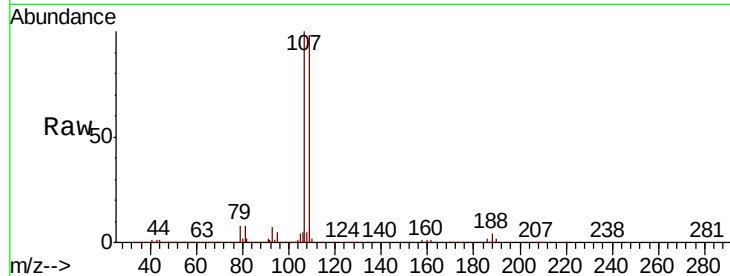
VSTDCCC050EC

Tot Ion: 107 Resp: 274872

Ion Ratio Lower Upper

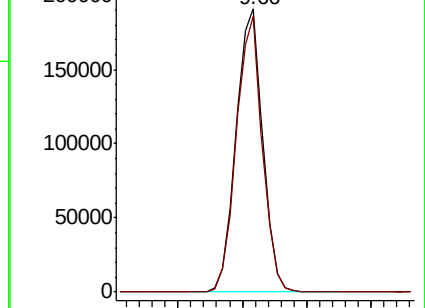
107 100

109 95.1 75.5 113.3

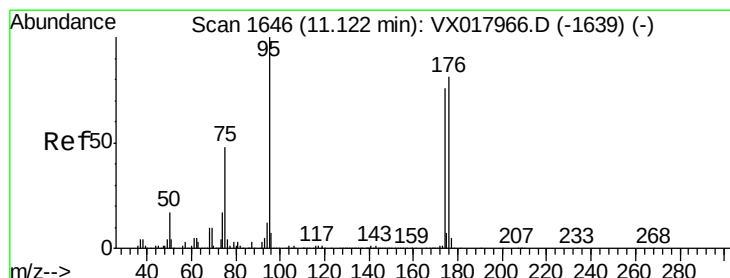
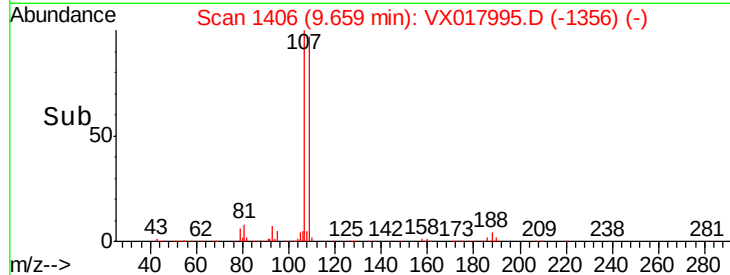


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 47.465 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

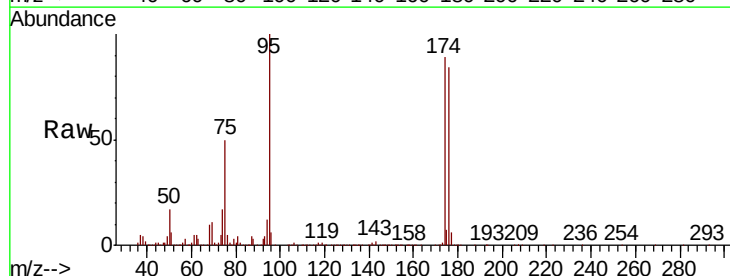
Tgt Ion: 95 Resp: 319671

Ion Ratio Lower Upper

95 100

174 83.4 0.0 166.0

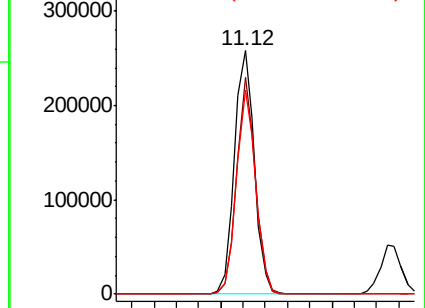
176 81.1 0.0 161.0



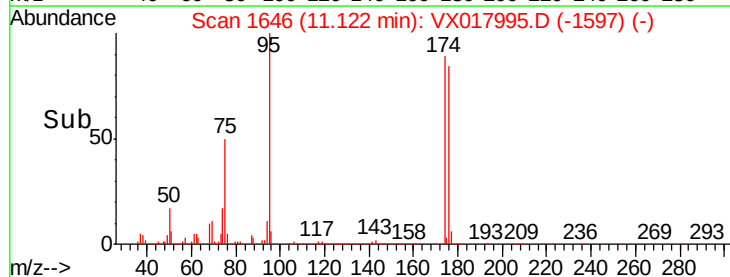
Abundance Ion 94.90 (94.60 to 95.60): VX0

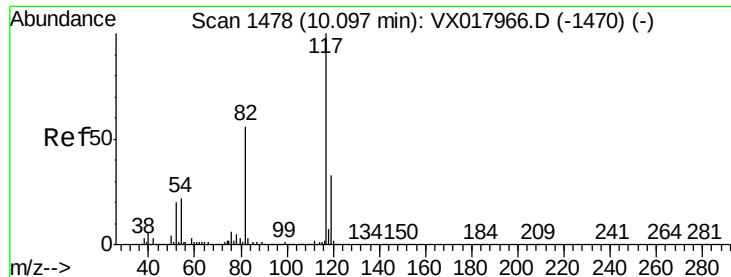
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

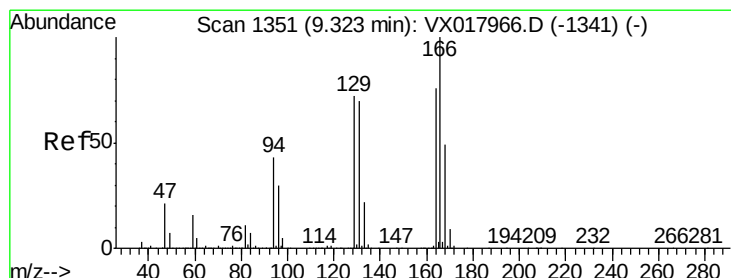
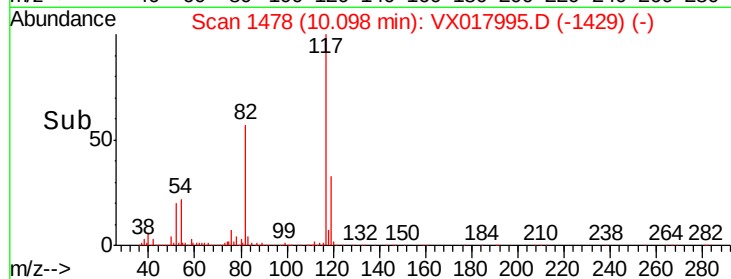
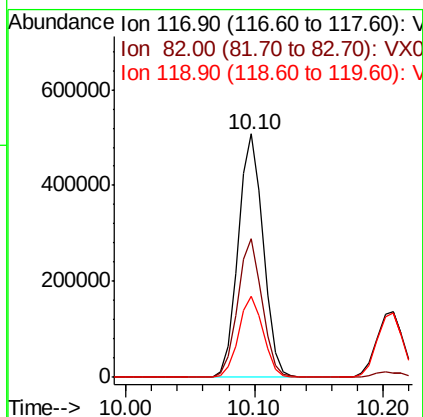
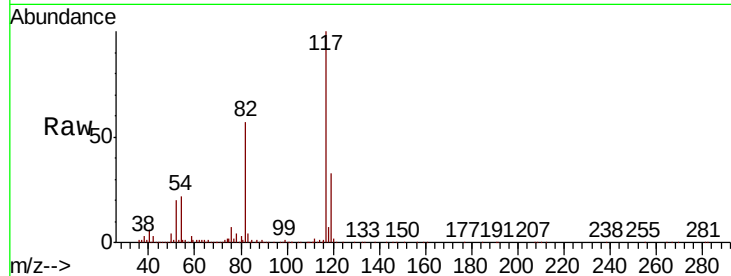




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

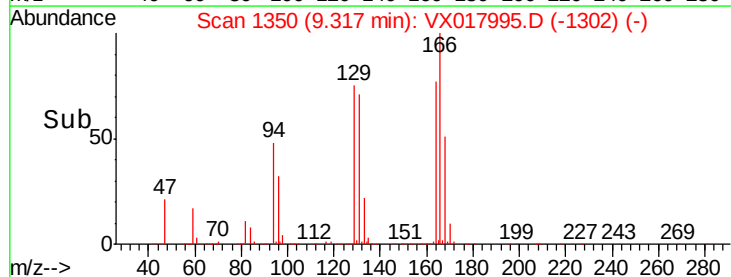
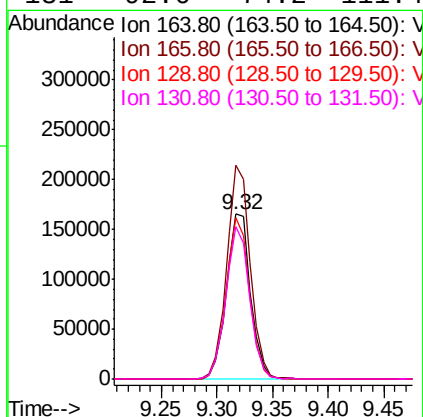
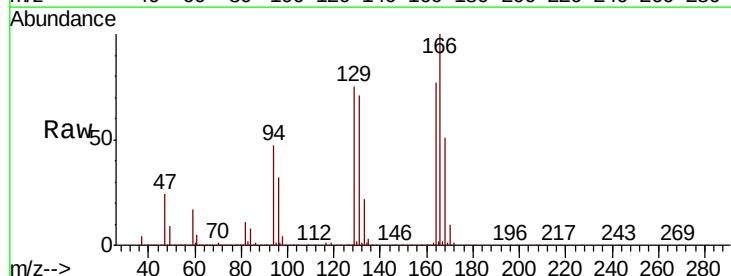
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

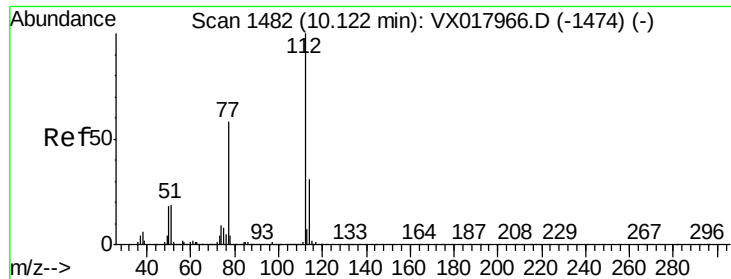
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	44.6	66.8
119	33.4	26.2	39.4



#64
Tetrachloroethene
Concen: 47.208 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	105.7	158.5
129	97.7	75.8	113.8
131	92.6	74.2	111.4

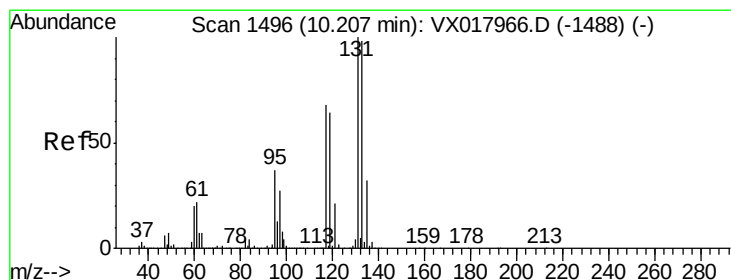
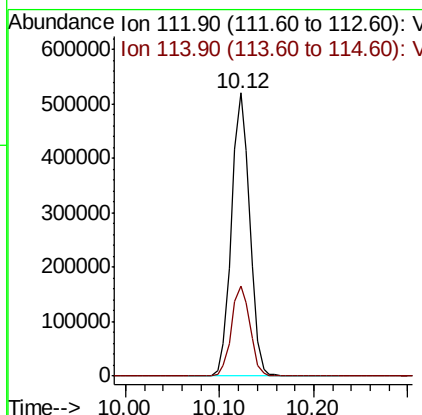
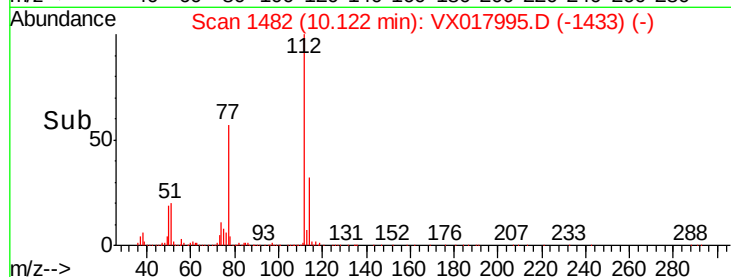
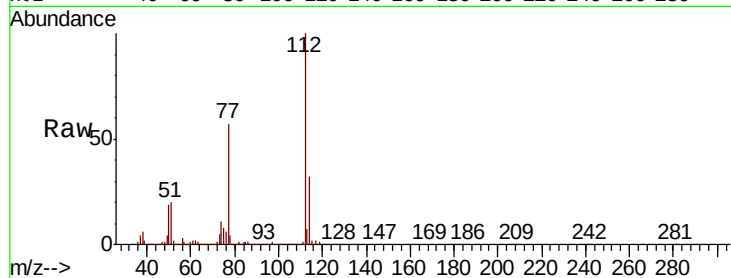




#65
Chlorobenzene
Concen: 51.631 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

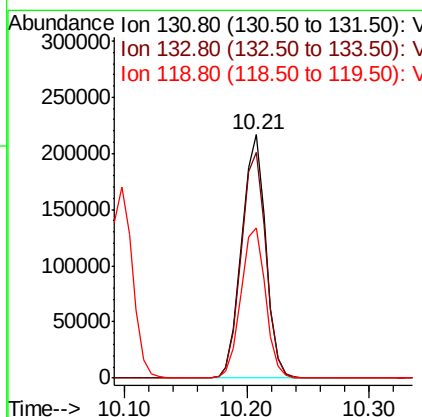
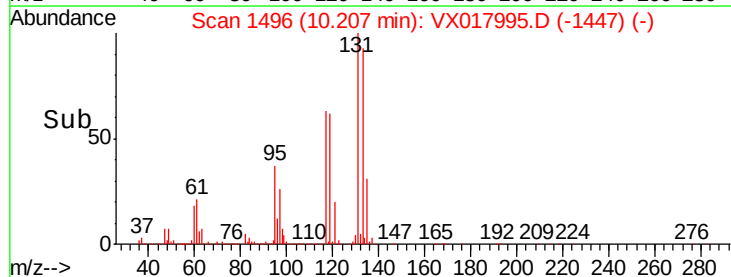
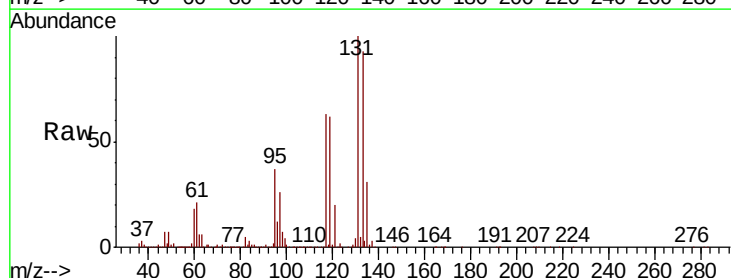
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

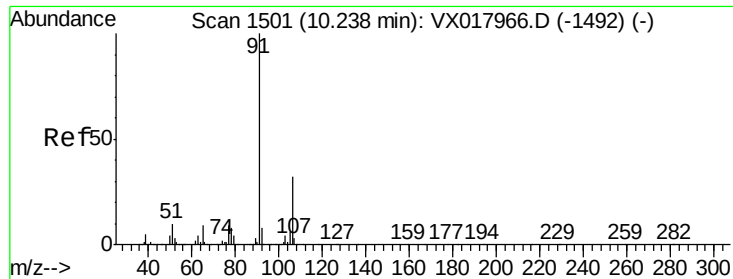
Tot Ion:112 Resp: 700154
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.337 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Tgt Ion:131 Resp: 294489
Ion Ratio Lower Upper
131 100
133 95.4 48.4 145.3
119 63.1 31.6 94.8

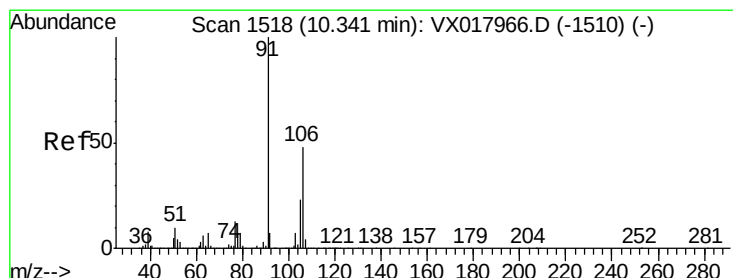
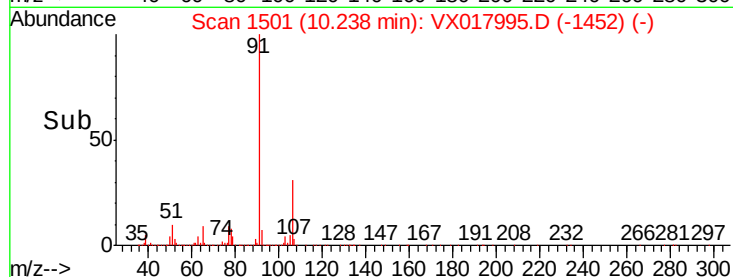
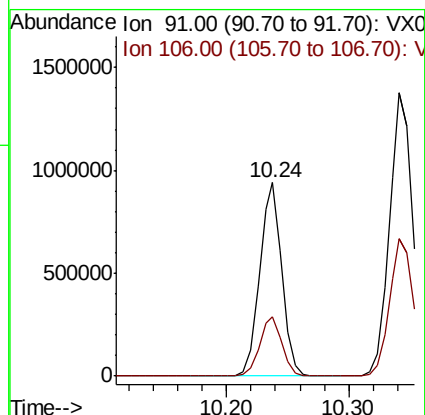
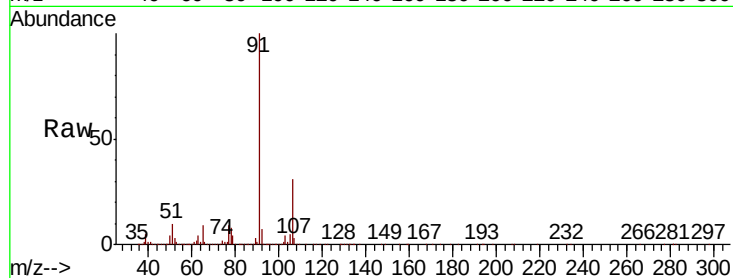




#67
Ethyl Benzene
Concen: 53.107 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

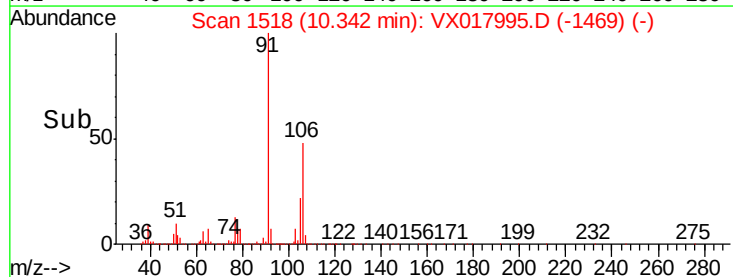
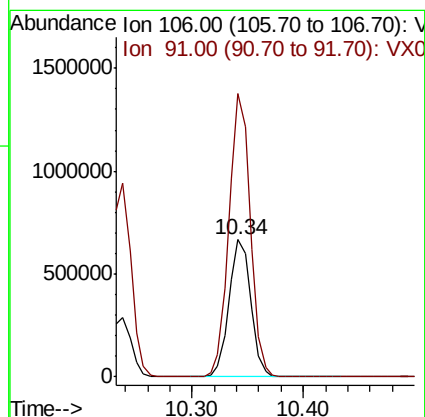
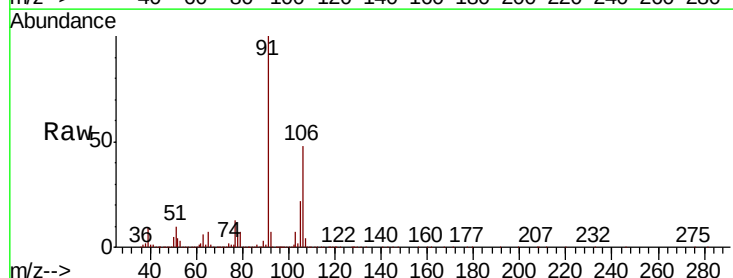
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

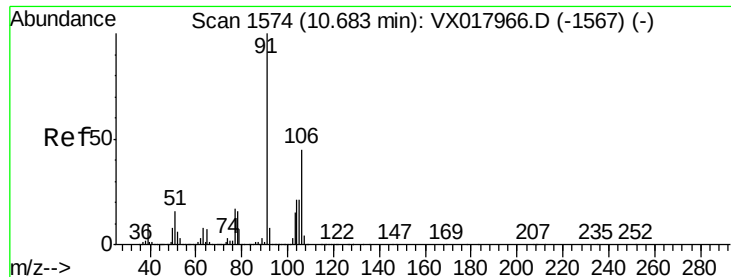
Tot Ion: 91 Resp: 1187220
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.0



#68
m/p-Xylenes
Concen: 104.686 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Tgt Ion: 106 Resp: 900981
Ion Ratio Lower Upper
106 100
91 202.9 167.4 251.2

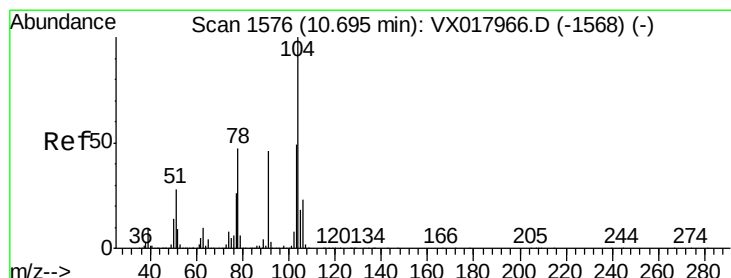
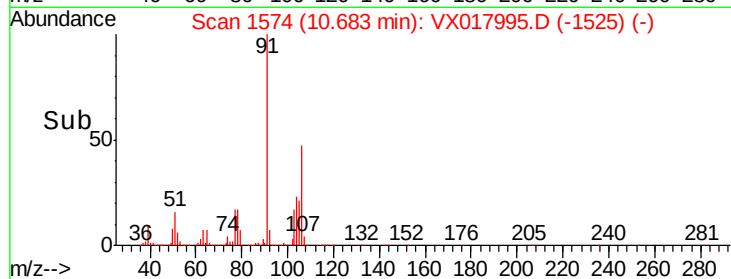
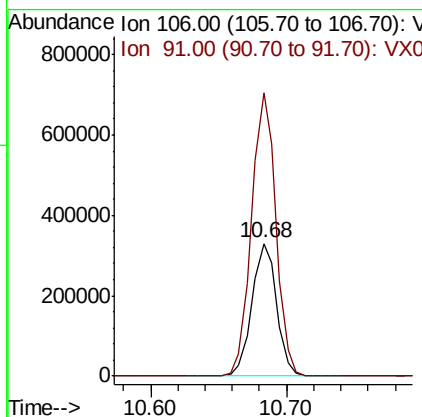
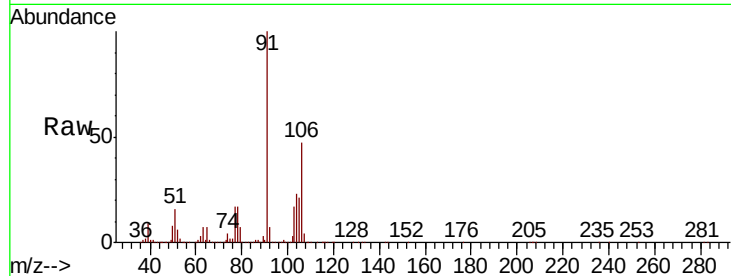




#69
o-Xylene
Concen: 50.636 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

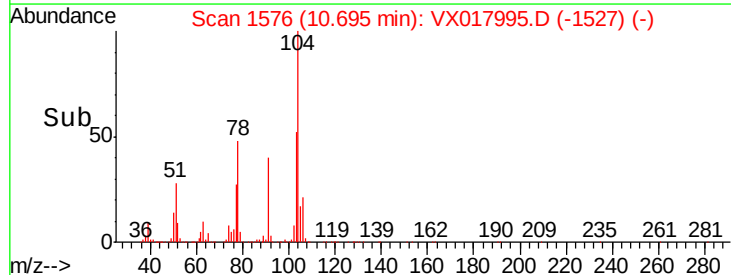
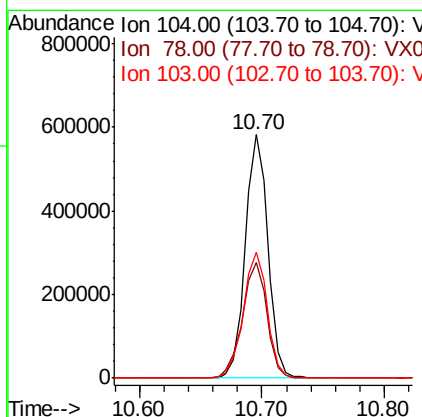
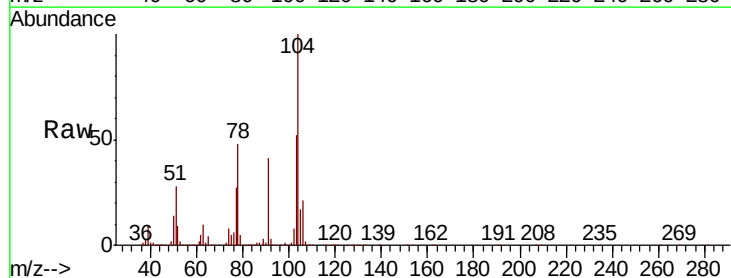
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

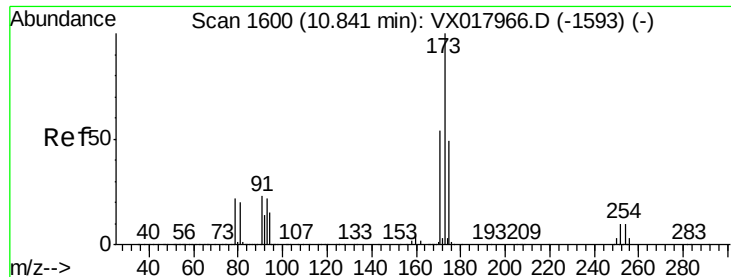
Tot Ion:106 Resp: 420247
Ion Ratio Lower Upper
106 100
91 211.6 108.1 324.2



#70
Styrene
Concen: 52.132 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Tgt Ion:104 Resp: 746440
Ion Ratio Lower Upper
104 100
78 52.0 41.3 61.9
103 54.9 42.9 64.3

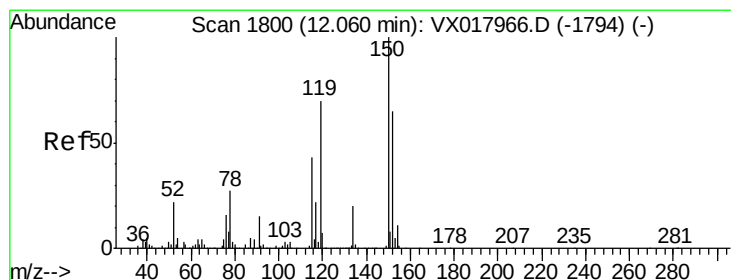
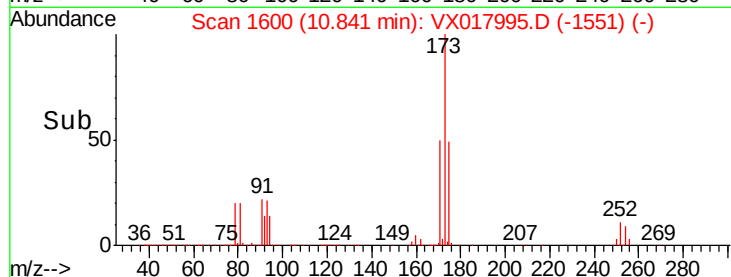
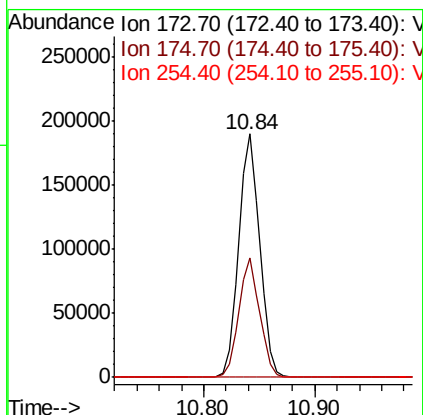
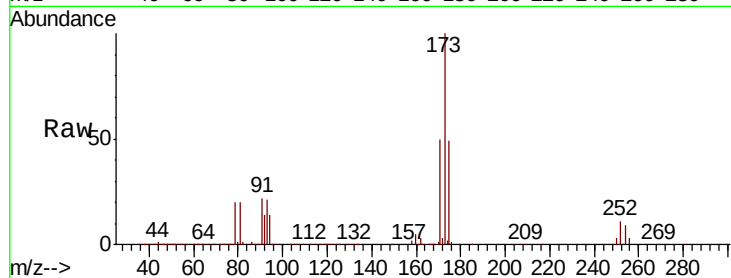




#71
Bromoform
Concen: 48.298 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

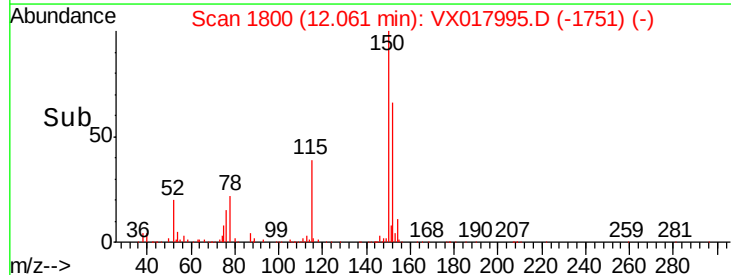
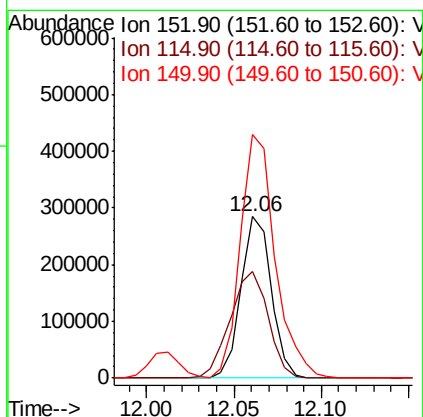
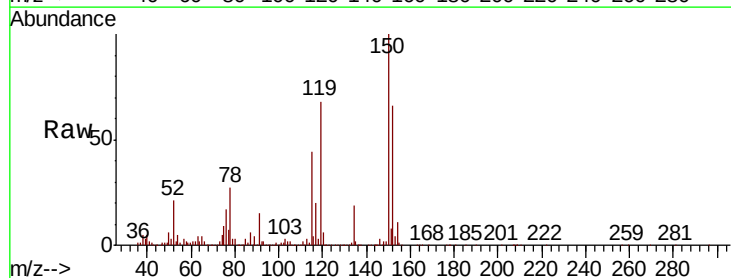
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

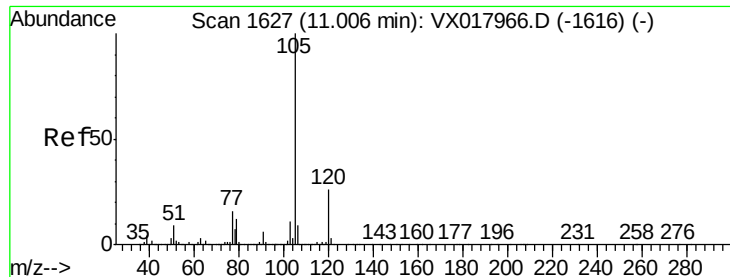
Tot Ion:173 Resp: 248669
Ion Ratio Lower Upper
173 100
175 48.4 24.4 73.2
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Tgt Ion:152 Resp: 344616
Ion Ratio Lower Upper
152 100
115 82.3 40.6 121.7
150 172.6 0.0 346.4





#73

Isopropylbenzene

Concen: 50.701 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

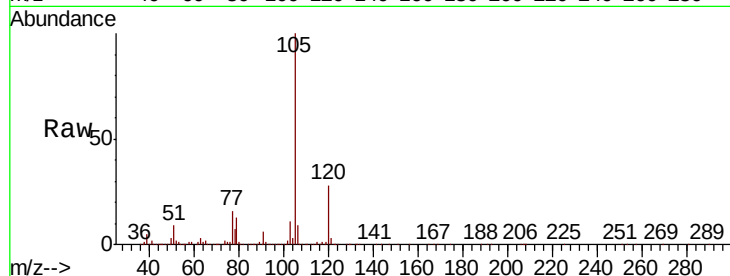
VSTDCCC050EC

Tot Ion:105 Resp: 1124609

Ion Ratio Lower Upper

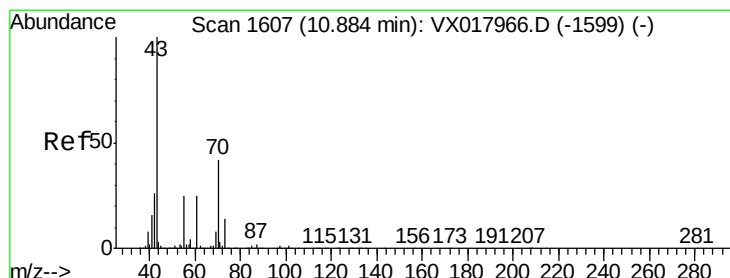
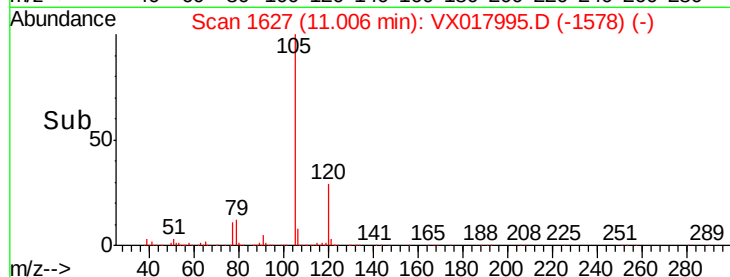
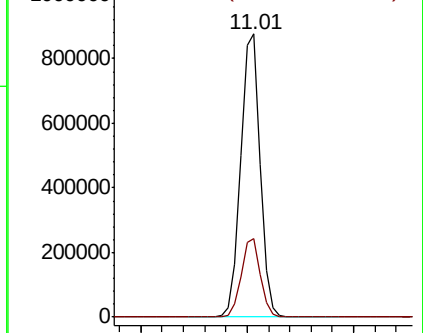
105 100

120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.394 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Tgt Ion: 43 Resp: 487325

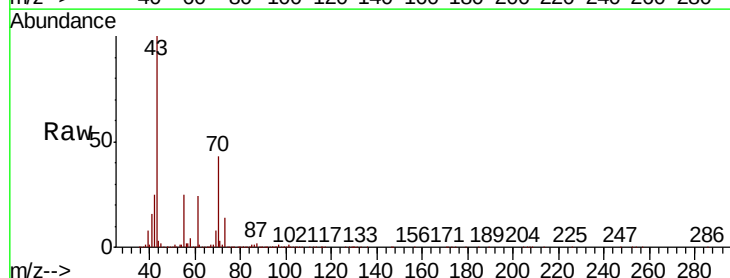
Ion Ratio Lower Upper

43 100

70 41.8 32.9 49.3

55 24.6 19.3 28.9

61 24.3 19.6 29.4

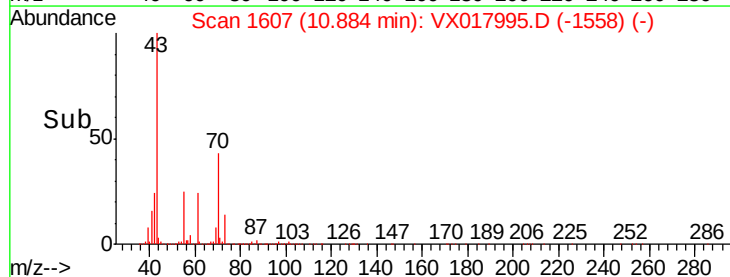
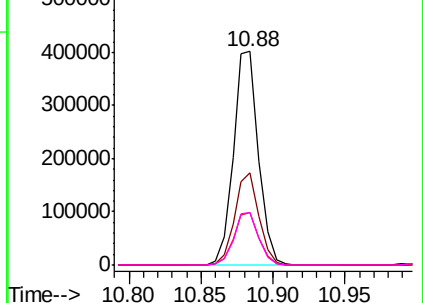


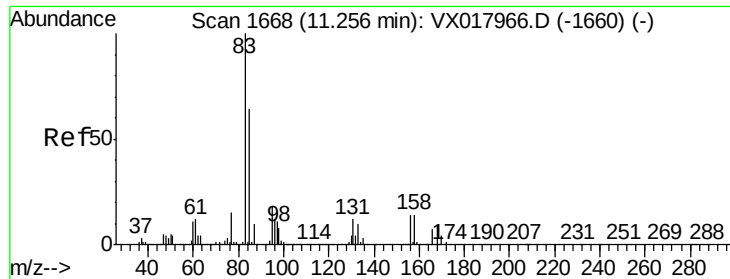
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.008 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

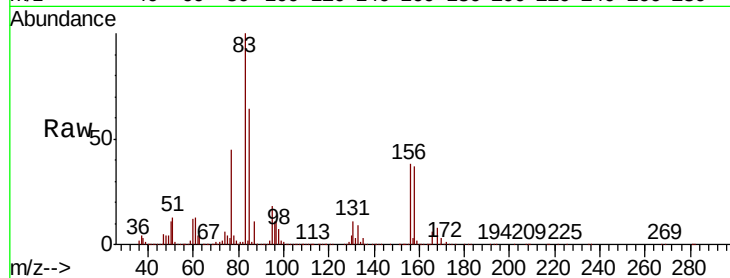
Tot Ion: 83 Resp: 394692

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.0

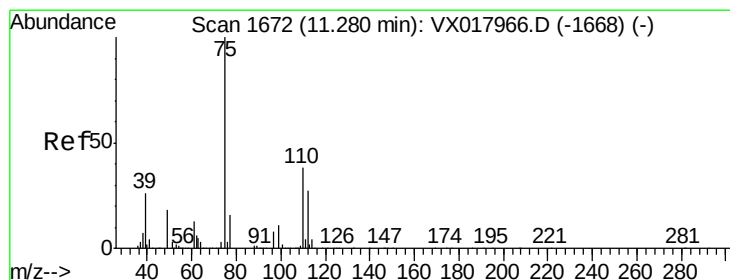
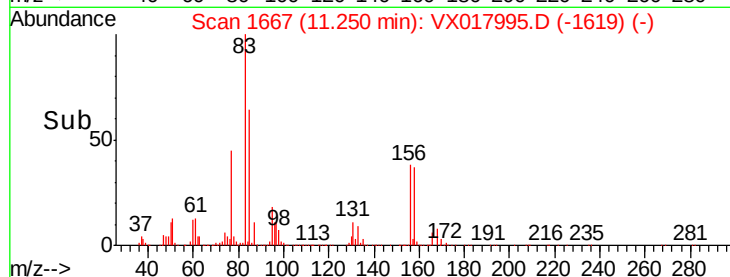
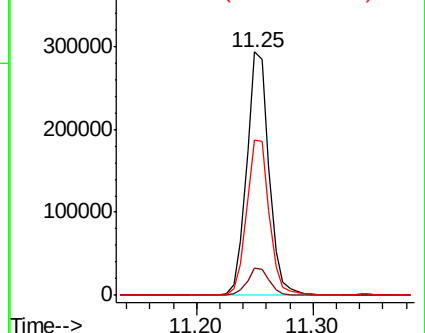
85 64.7 32.2 96.6



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: 65.239 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017995.D

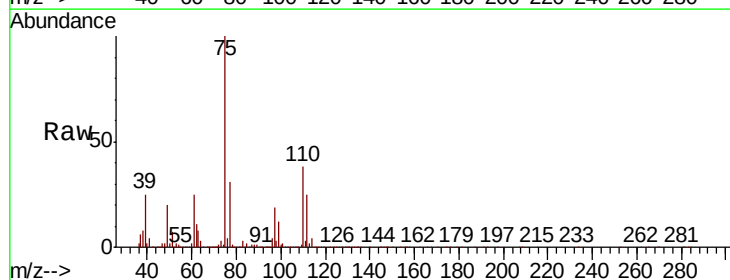
Acq: 19 Aug 2020 19:07

Tgt Ion: 75 Resp: 478116

Ion Ratio Lower Upper

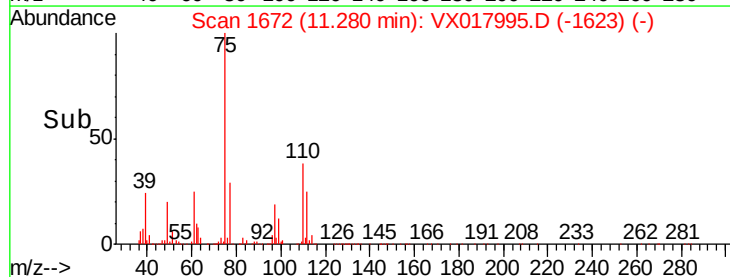
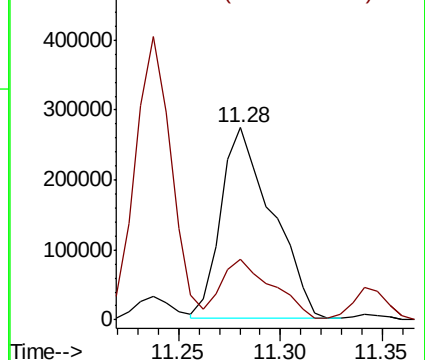
75 100

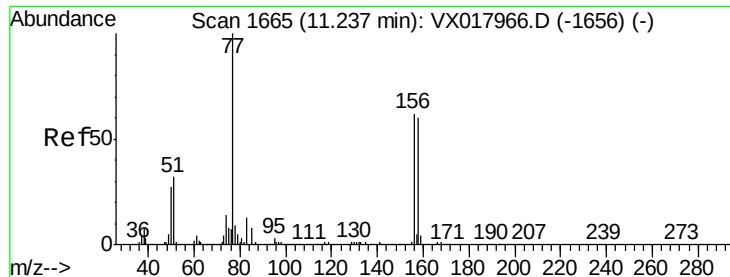
77 31.8 21.1 63.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.386 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

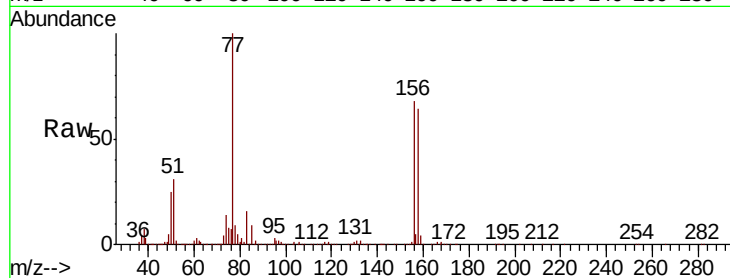
Tot Ion:156 Resp: 328542

Ion Ratio Lower Upper

156 100

77 152.1 78.0 234.0

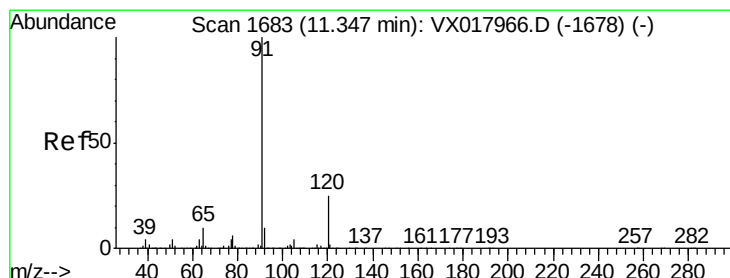
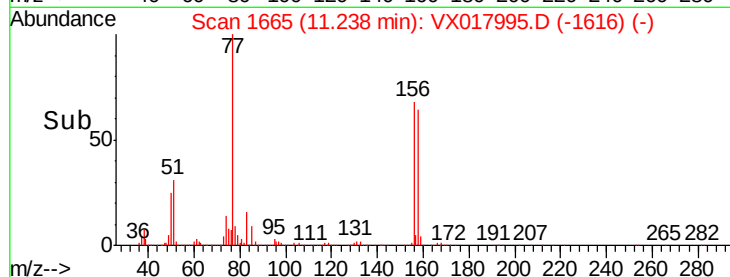
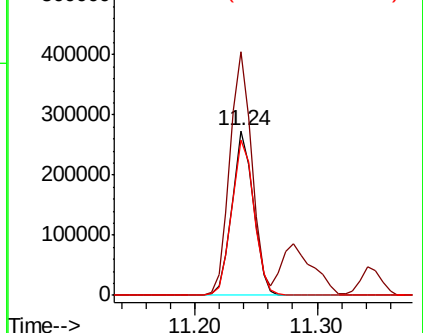
158 98.4 49.2 147.6



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: 50.356 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX017995.D

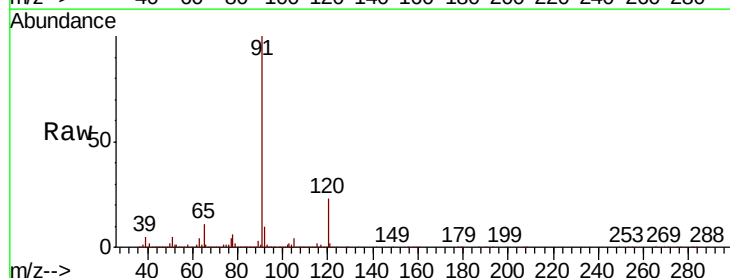
Acq: 19 Aug 2020 19:07

Tgt Ion: 91 Resp: 1306418

Ion Ratio Lower Upper

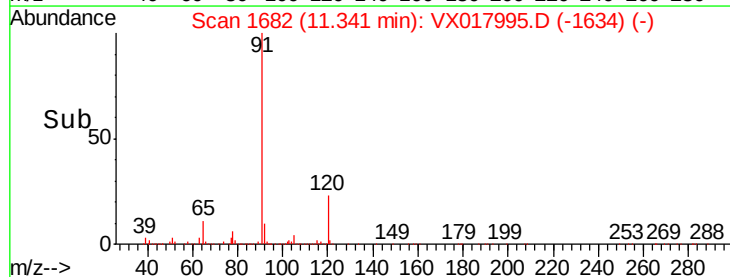
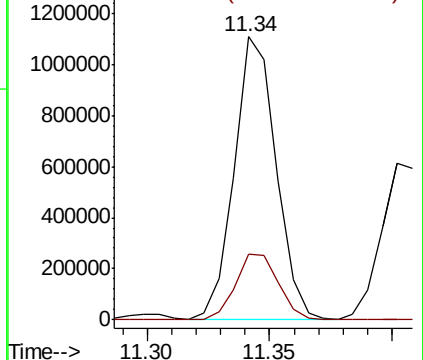
91 100

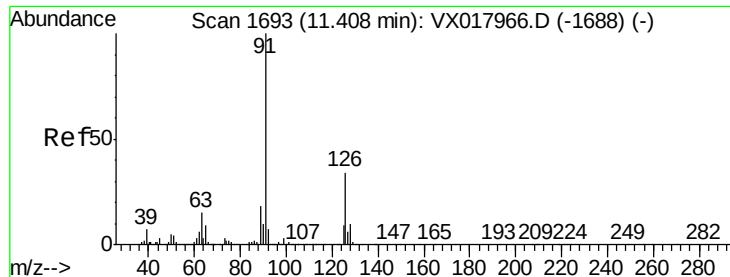
120 24.2 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.102 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

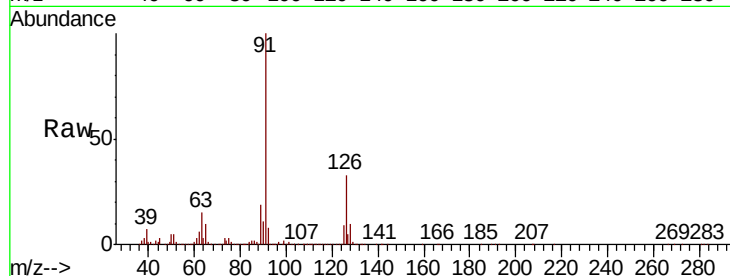
VSTDCCC050EC

Tot Ion: 91 Resp: 792138

Ion Ratio Lower Upper

91 100

126 33.8 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VX017966.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX017966.D (-1688) (-)

1200000

800000

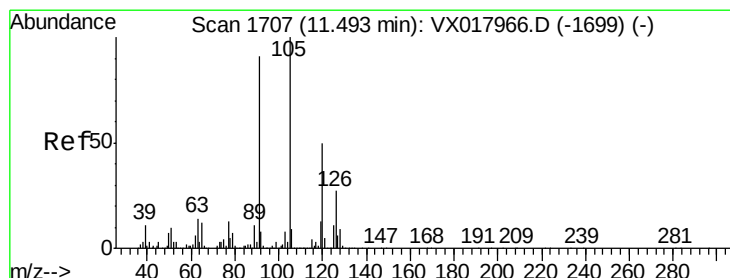
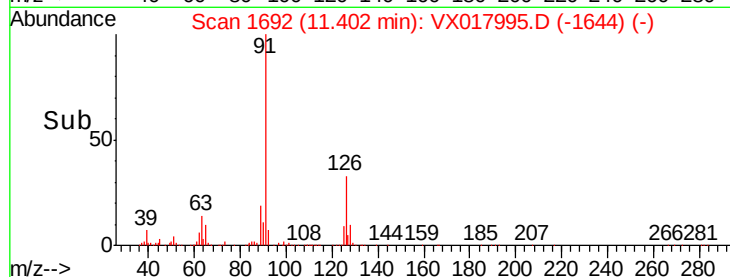
600000

400000

200000

0

11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 50.878 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017995.D

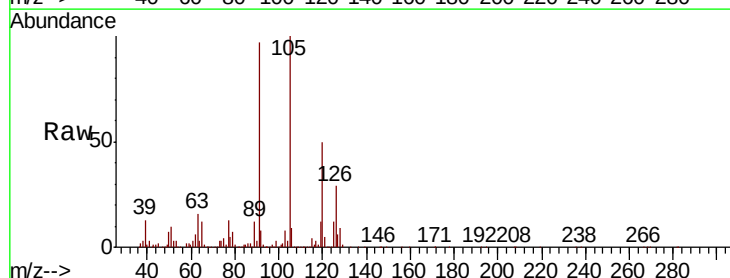
Acq: 19 Aug 2020 19:07

Tgt Ion: 105 Resp: 990621

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX017966.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX017966.D (-1699) (-)

800000

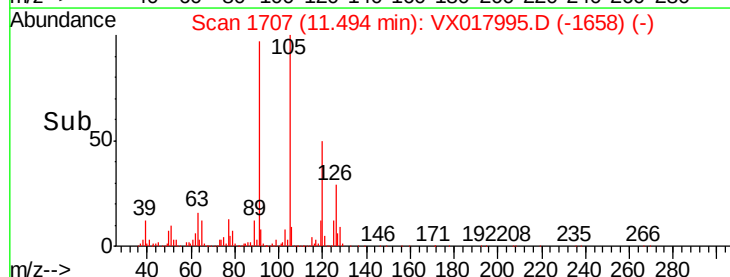
600000

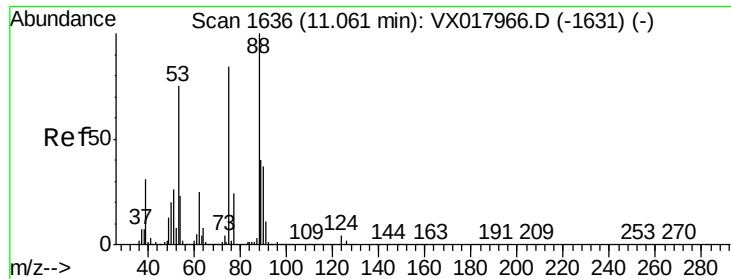
400000

200000

0

11.45 11.50 11.55

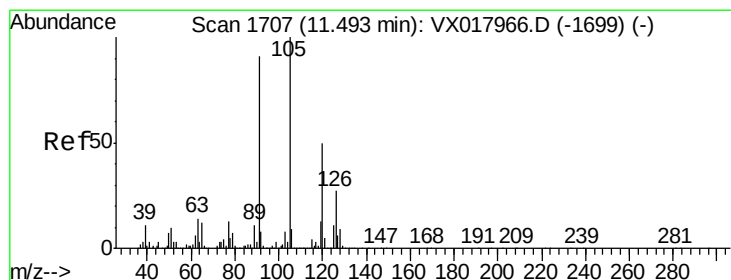
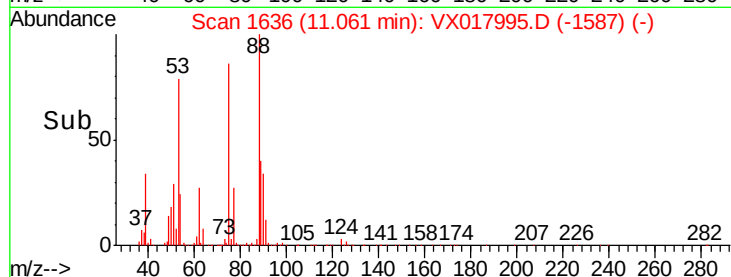
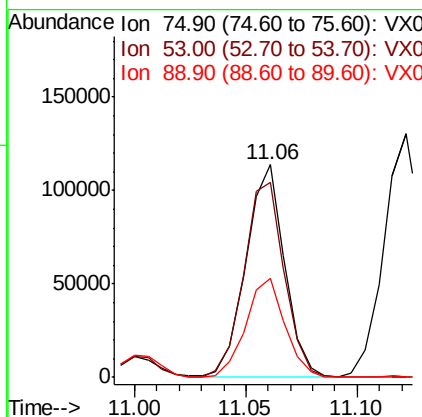
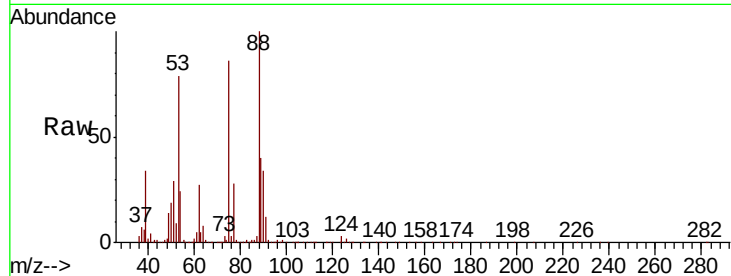




#81
trans-1,4-Dichloro-2-butene
Concen: 48.829 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

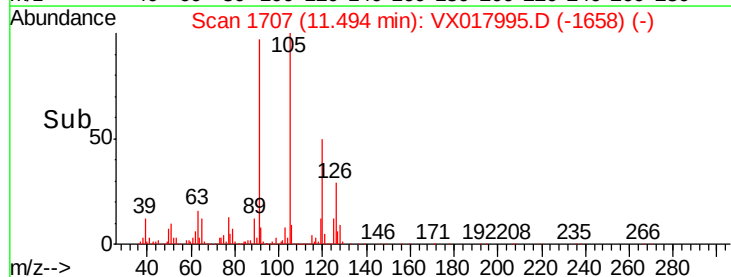
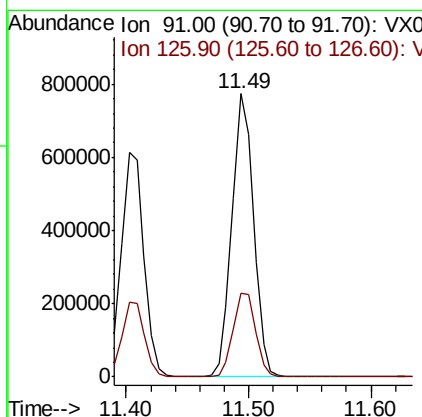
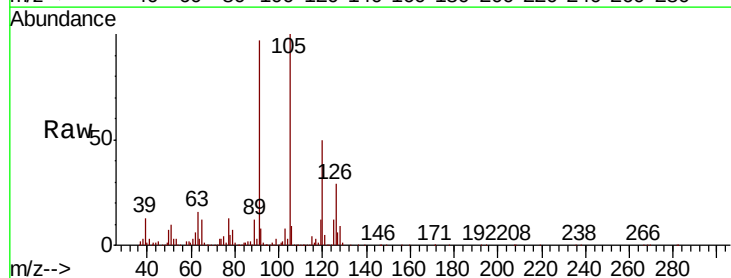
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

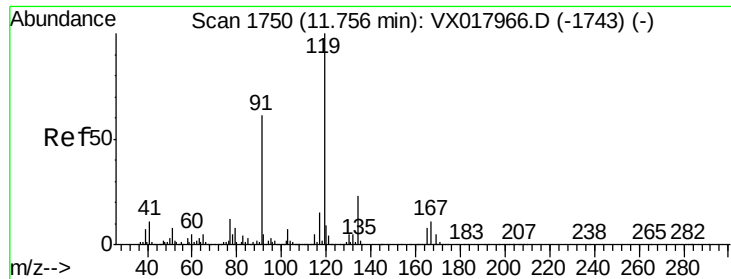
Tot Ion: 75 Resp: 136218
Ion Ratio Lower Upper
75 100
53 96.5 75.2 112.8
89 47.7 38.4 57.6



#82
4-Chlorotoluene
Concen: 50.749 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Tgt Ion: 91 Resp: 943572
Ion Ratio Lower Upper
91 100
126 30.6 15.0 45.0





#83

tert-Butylbenzene

Concen: 53.557 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

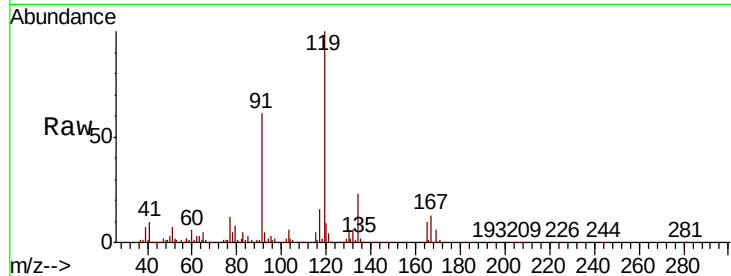
Tot Ion:119 Resp: 984761

Ion Ratio Lower Upper

119 100

91 57.3 30.1 90.5

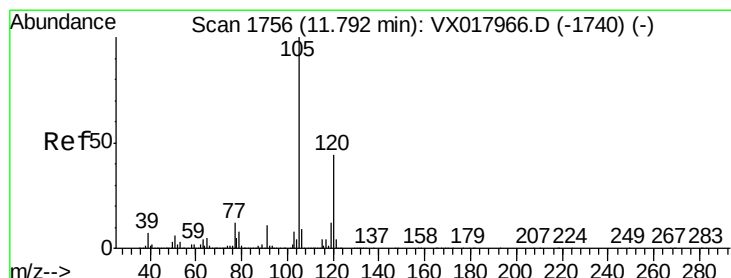
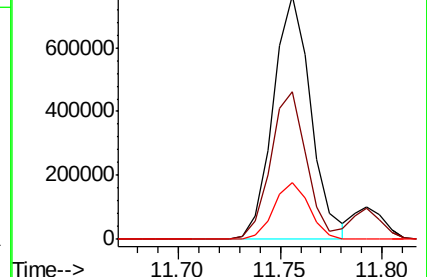
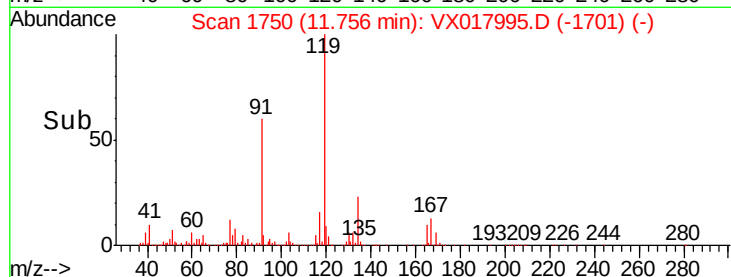
134 22.2 11.1 33.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.057 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017995.D

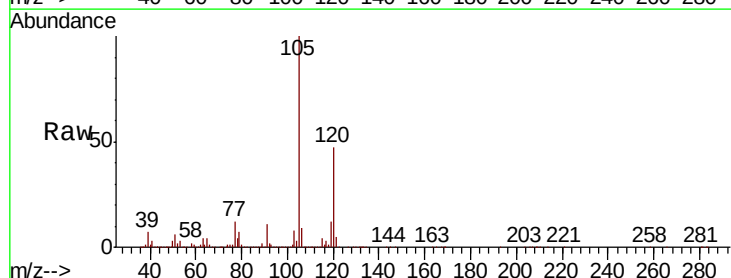
Acq: 19 Aug 2020 19:07

Tgt Ion:105 Resp: 1008994

Ion Ratio Lower Upper

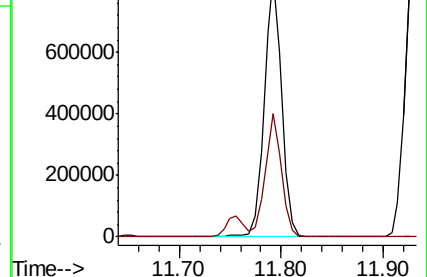
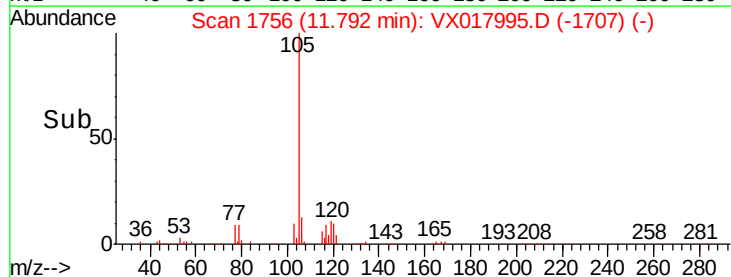
105 100

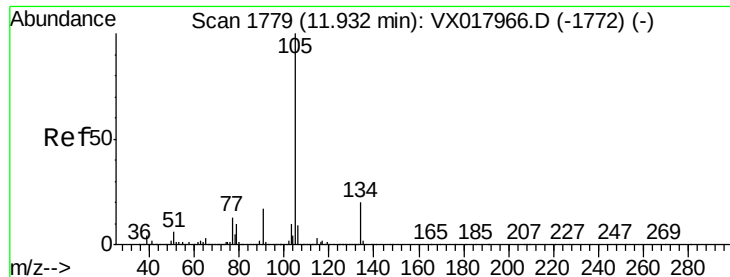
120 44.8 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.949 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

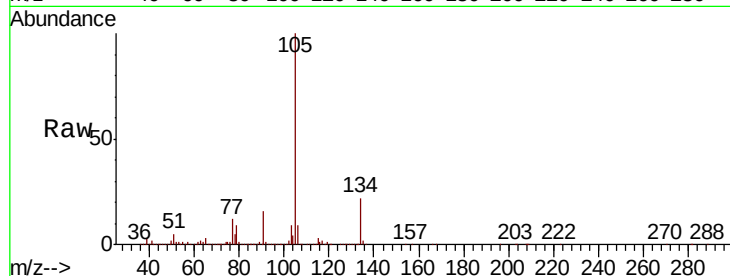
VSTDCCC050EC

Tot Ion:105 Resp: 1130873

Ion Ratio Lower Upper

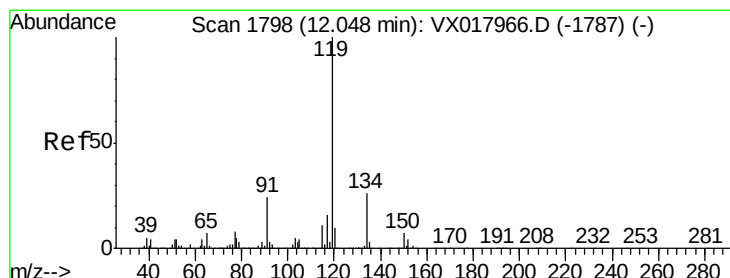
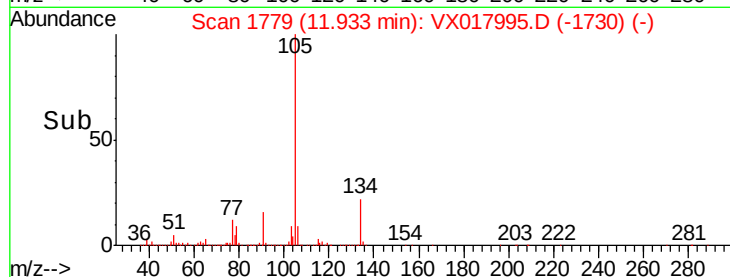
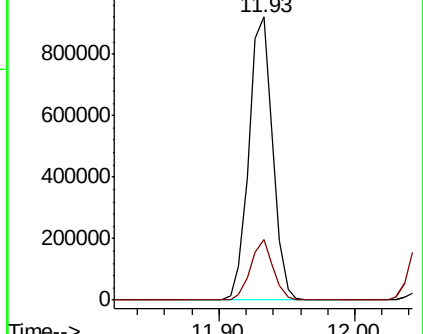
105 100

134 20.2 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.501 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

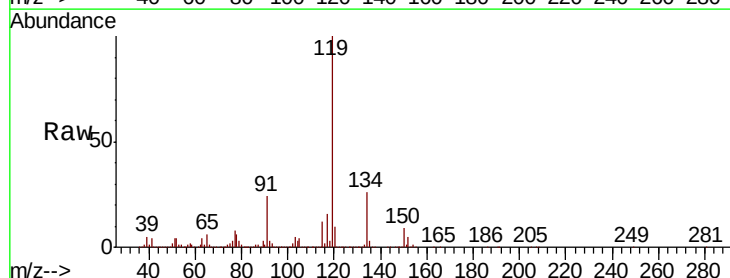
Tgt Ion:119 Resp: 1084017

Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.0

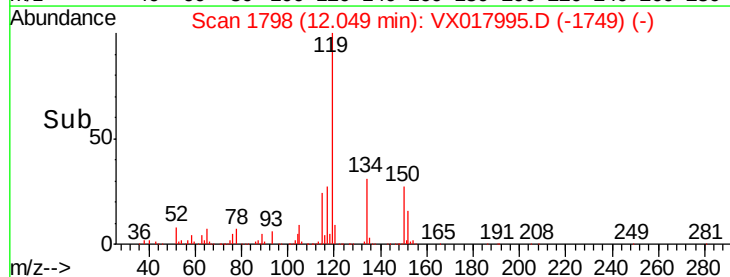
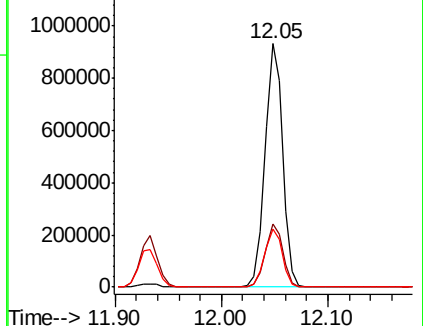
91 23.9 12.2 36.4

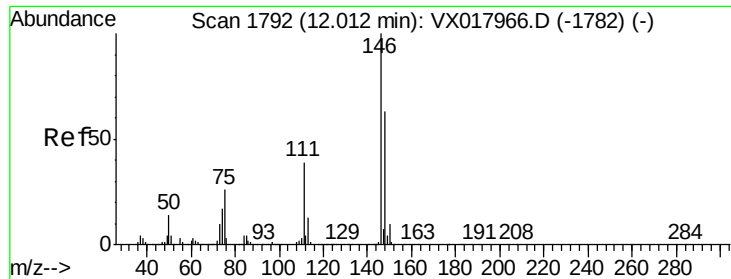


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

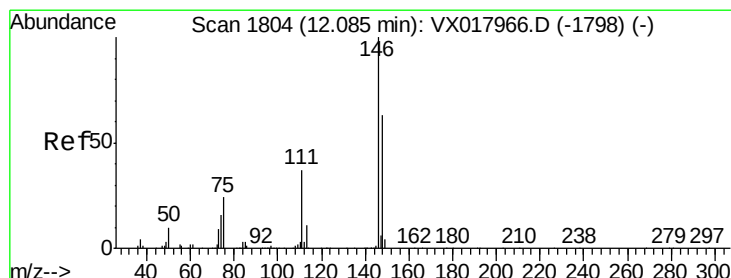
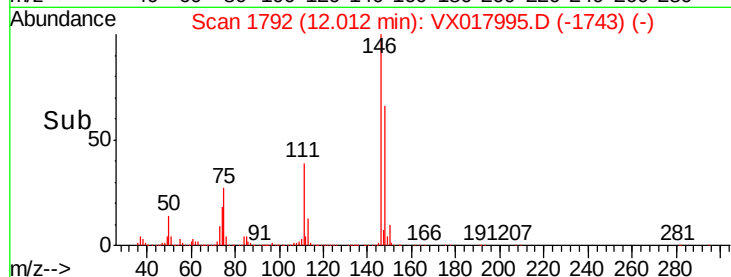
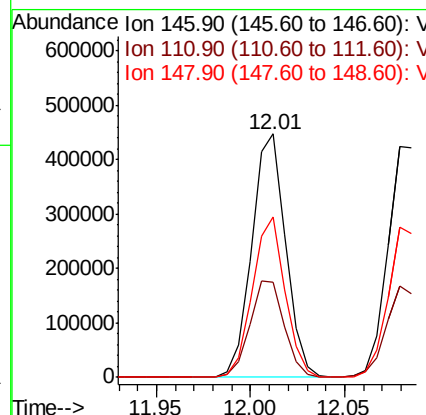
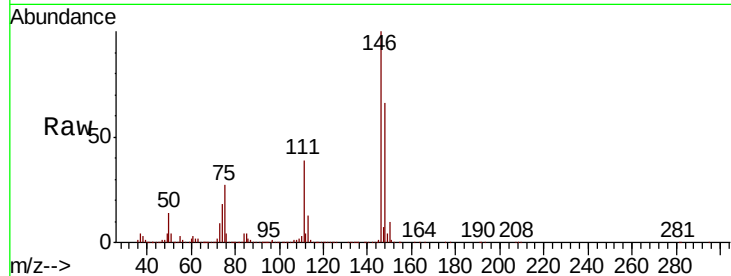




#87
 1,3-Dichlorobenzene
 Concen: 49.672 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017995.D
 Acq: 19 Aug 2020 19:07

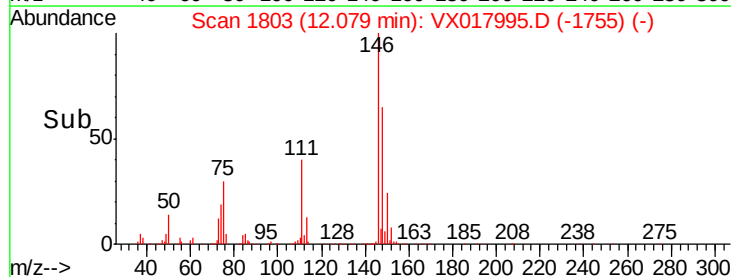
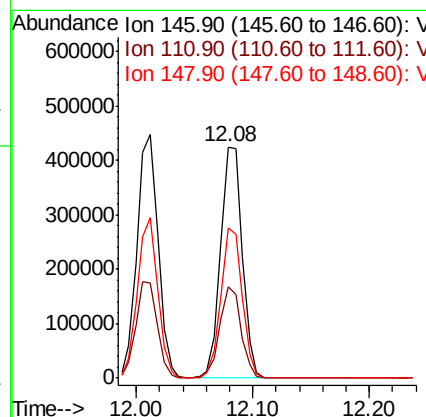
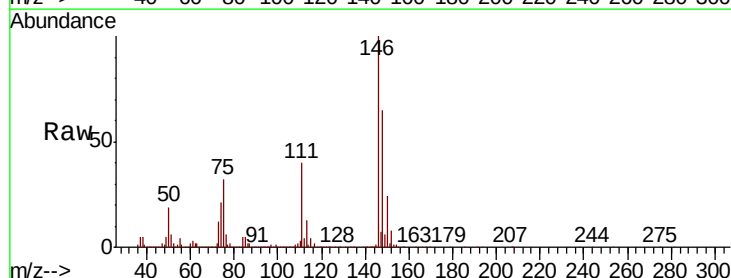
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

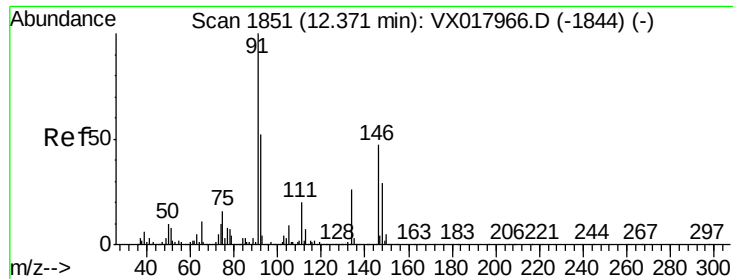
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.3
148	63.7	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 49.505 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX017995.D
 Acq: 19 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.7	59.1
148	63.7	31.9	95.7

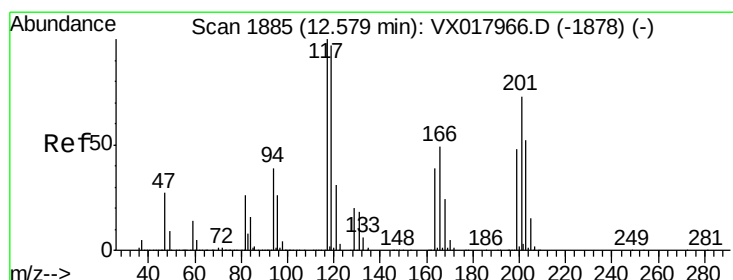
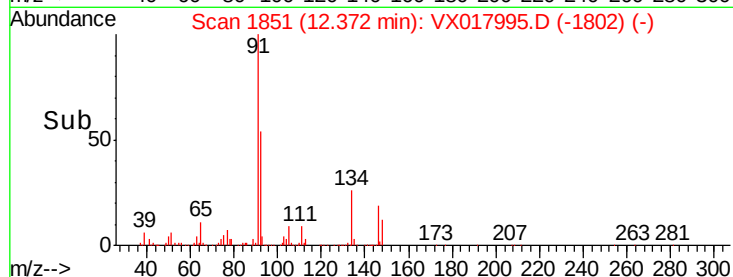
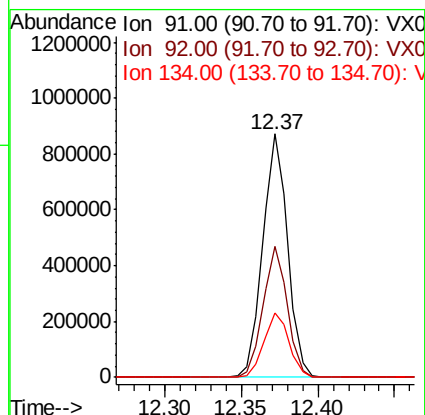
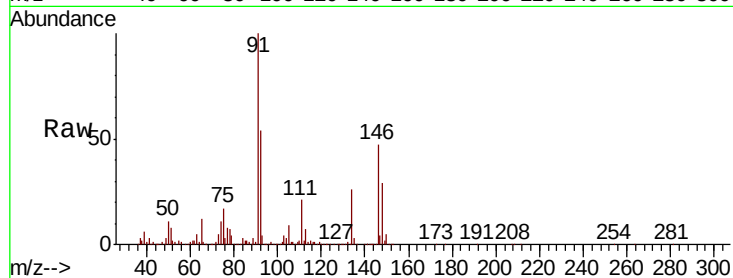




#89
n-Butylbenzene
Concen: 57.796 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

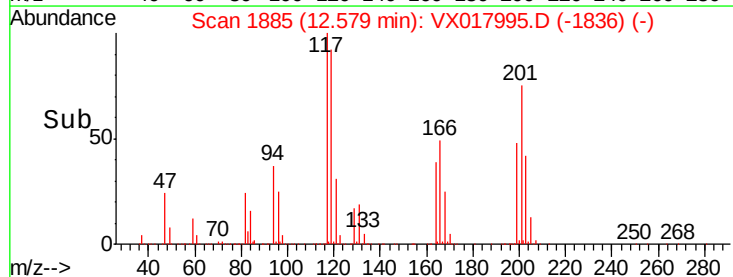
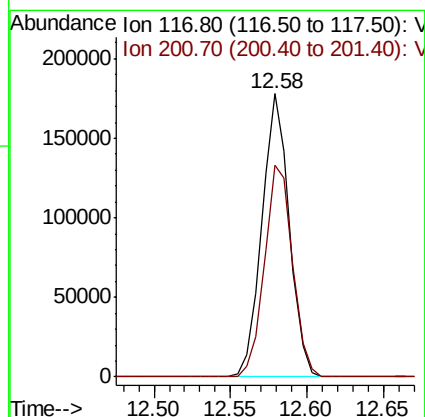
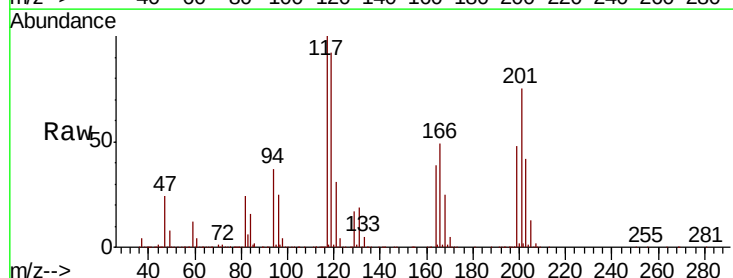
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

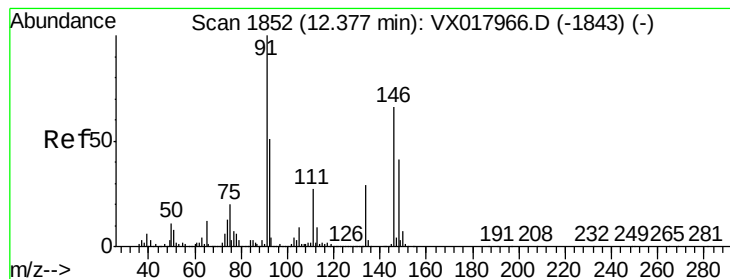
Tot Ion: 91 Resp: 987671
Ion Ratio Lower Upper
91 100
92 52.7 25.7 77.0
134 27.0 13.4 40.2



#90
Hexachloroethane
Concen: 54.101 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017995.D
Acq: 19 Aug 2020 19:07

Tgt Ion: 117 Resp: 222167
Ion Ratio Lower Upper
117 100
201 76.9 40.8 122.2





#91

1,2-Dichlorobenzene

Concen: 55.908 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

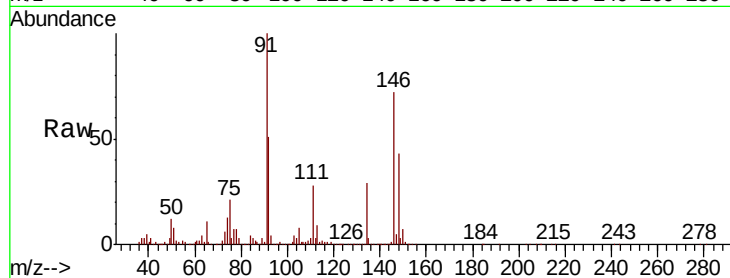
Tot Ion:146 Resp: 578080

Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.9

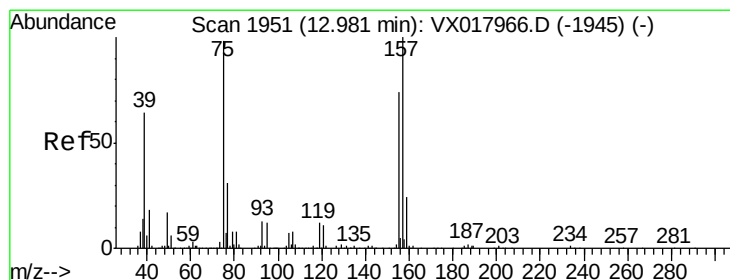
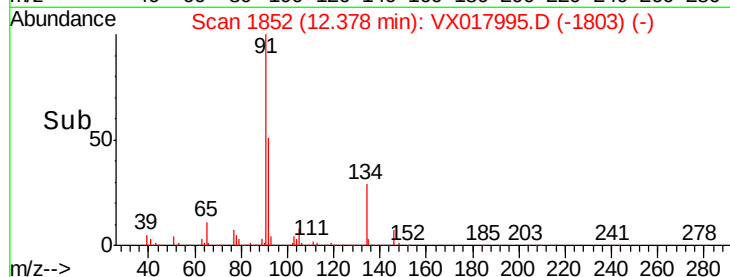
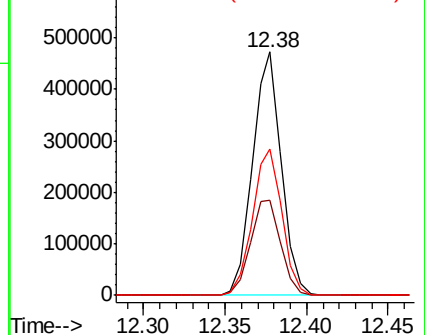
148 61.5 31.2 93.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.194 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

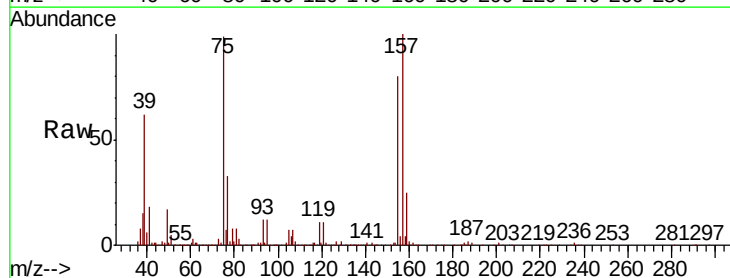
Tgt Ion: 75 Resp: 94994

Ion Ratio Lower Upper

75 100

155 82.8 40.5 121.5

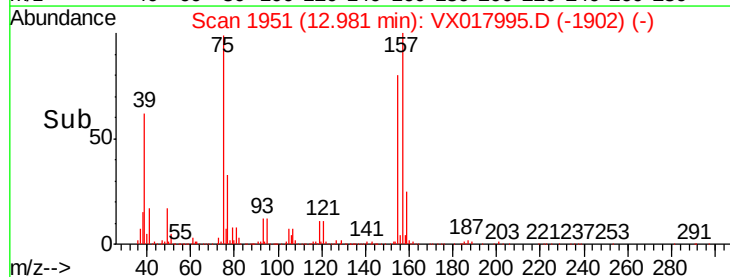
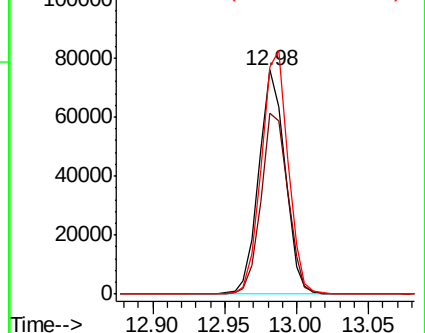
157 110.3 54.4 163.2

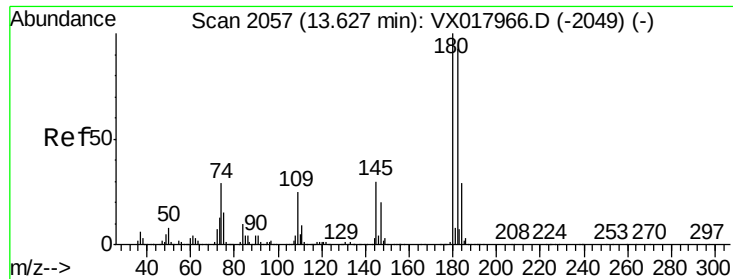


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

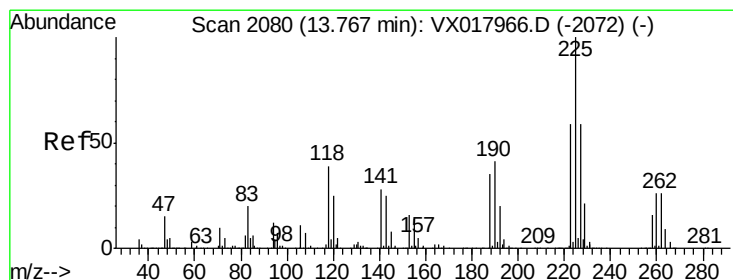
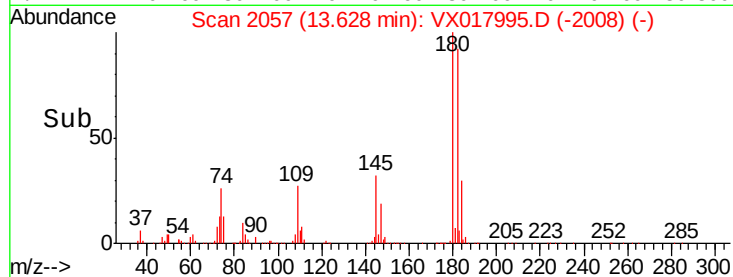
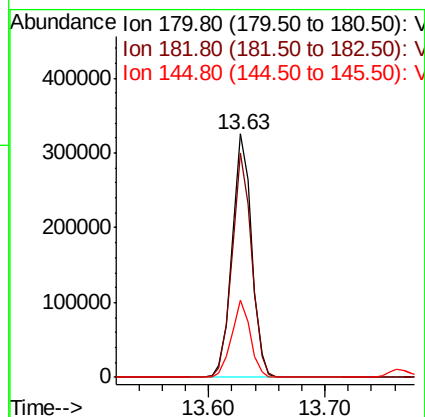
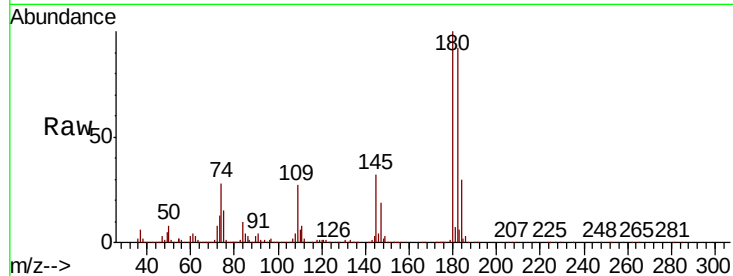




#93
 1,2,4-Trichlorobenzene
 Concen: 55.968 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017995.D
 Acq: 19 Aug 2020 19:07

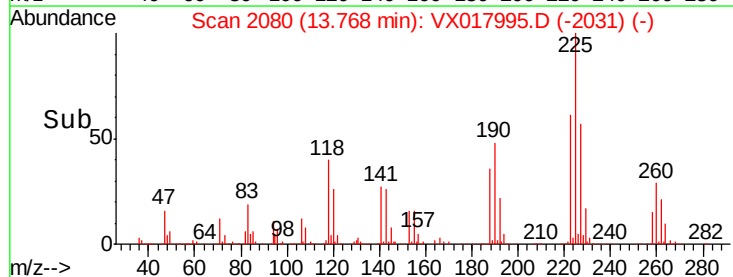
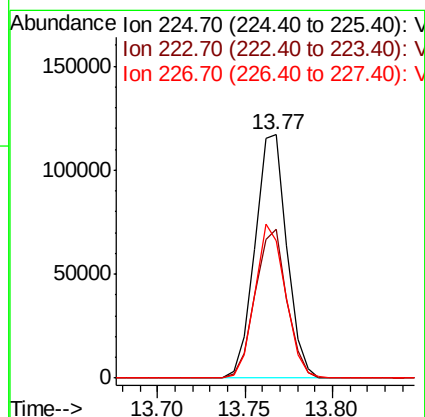
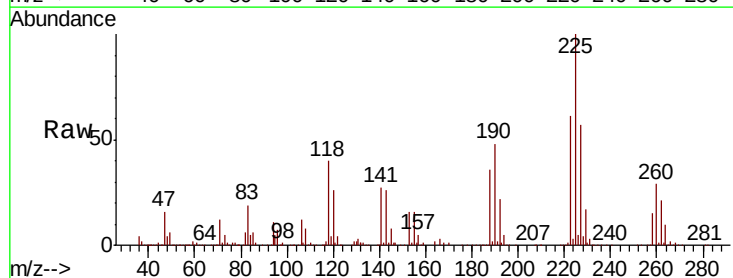
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

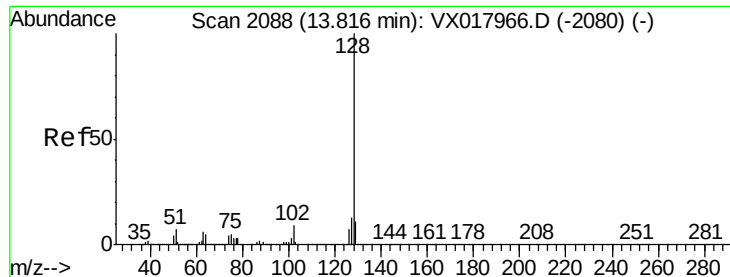
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.3	48.8	146.4
145	30.5	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 50.953 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017995.D
 Acq: 19 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	32.1	96.3
227	60.9	29.8	89.5





#95

Naphthalene

Concen: 55.120 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

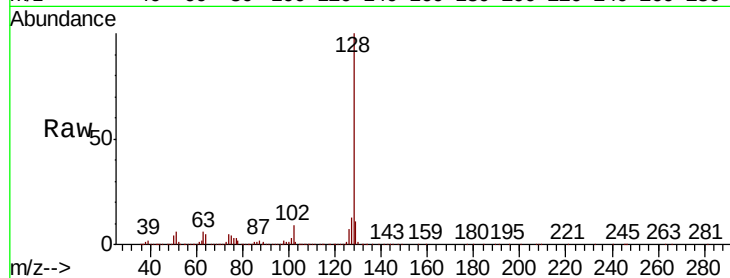
Tot Ion:128 Resp: 1183532

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

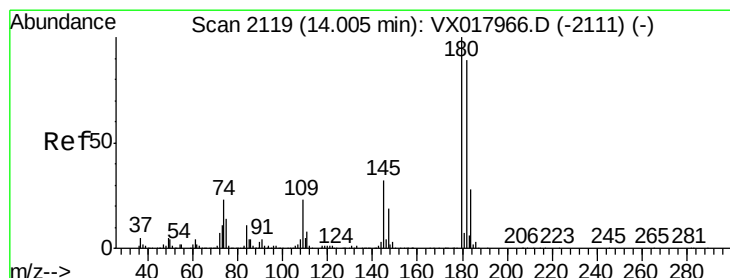
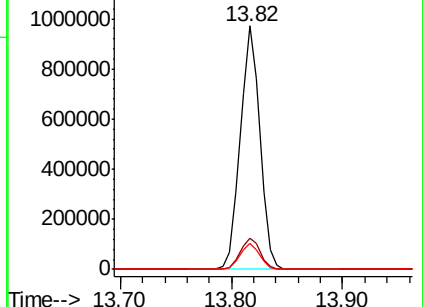
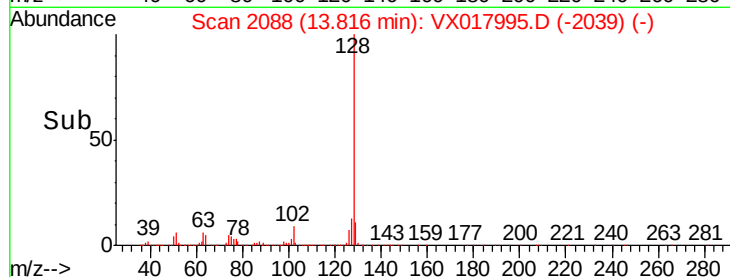
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.917 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017995.D

Acq: 19 Aug 2020 19:07

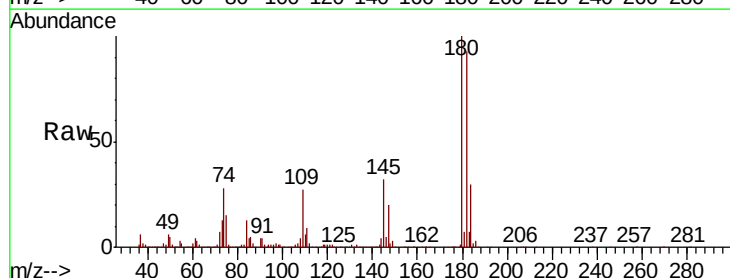
Tgt Ion:180 Resp: 372941

Ion Ratio Lower Upper

180 100

182 96.0 46.6 139.8

145 32.7 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

