

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017997.D
 Acq On : 19 Aug 2020 20:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 20 04:23:23 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	5.64	168	451426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	688668	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	635132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	326868	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	296061	44.74	ug/l	0.00
Spiked Amount			Recovery	=	89.48%	
35) Dibromofluoromethane	5.46	113	233254	45.48	ug/l	0.00
Spiked Amount			Recovery	=	90.96%	
50) Toluene-d8	8.70	98	740427	40.85	ug/l	0.00
Spiked Amount			Recovery	=	81.70%	
62) 4-Bromofluorobenzene	11.12	95	302079	45.12	ug/l	0.00
Spiked Amount			Recovery	=	90.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	294675	43.332	ug/l	96
3) Chloromethane	1.31	50	285589	46.260	ug/l	98
4) Vinyl Chloride	1.39	62	290411	45.641	ug/l	99
5) Bromomethane	1.62	94	174263	50.441	ug/l	98
6) Chloroethane	1.71	64	166170	49.082	ug/l	99
7) Trichlorofluoromethane	1.92	101	447862	47.377	ug/l	100
8) Diethyl Ether	2.17	74	131239	47.635	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	198927	44.742	ug/l	99
10) Methyl Iodide	2.49	142	236156	41.190	ug/l	99
11) Tert butyl alcohol	3.02	59	312471	244.561	ug/l	97
12) 1,1-Dichloroethene	2.36	96	188076	46.222	ug/l	99
13) Acrolein	2.28	56	185621	275.022	ug/l	99
14) Allyl chloride	2.71	41	361112	49.760	ug/l	99
15) Acrylonitrile	3.12	53	692564	248.204	ug/l	100
16) Acetone	2.42	43	624382	239.831	ug/l	100
17) Carbon Disulfide	2.55	76	486047	49.233	ug/l	97
18) Methyl Acetate	2.75	43	341799	52.175	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	830262	53.370	ug/l	100
20) Methylene Chloride	2.84	84	237032	49.417	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	210666	50.362	ug/l	98
22) Diisopropyl ether	3.83	45	815565	53.610	ug/l	97
23) Vinyl Acetate	3.79	43	3002631	258.279	ug/l	100
24) 1,1-Dichloroethane	3.67	63	424549	50.342	ug/l	97
25) 2-Butanone	4.64	43	970278	246.177	ug/l	98
26) 2,2-Dichloropropane	4.56	77	345862	45.037	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	255676	51.814	ug/l	97
28) Bromochloromethane	4.98	49	207225	47.549	ug/l	99
29) Tetrahydrofuran	5.09	42	624813	255.250	ug/l	99
30) Chloroform	5.18	83	464772	50.422	ug/l	98
31) Cyclohexane	5.54	56	352875	51.601	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	412591	49.341	ug/l	100
36) 1,1-Dichloropropene	5.77	75	289605	50.242	ug/l	98
37) Ethyl Acetate	4.80	43	332530	48.216	ug/l	99
38) Carbon Tetrachloride	5.76	117	366036	49.066	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	356527	48.321	ug/l	93
40) Benzene	6.12	78	886922	51.086	ug/l	97
41) Methacrylonitrile	5.00	41	204664	51.775	ug/l	98
42) 1,2-Dichloroethane	6.17	62	375441	50.910	ug/l	100
43) Isopropyl Acetate	6.42	43	565072	50.755	ug/l	99
44) Trichloroethene	7.19	130	248469	48.260	ug/l	99
45) 1,2-Dichloropropane	7.49	63	254475	51.158	ug/l	99
46) Dibromomethane	7.64	93	177350	51.085	ug/l	97
47) Bromodichloromethane	7.88	83	378214	50.183	ug/l	99
48) Methyl methacrylate	7.75	41	287493	52.089	ug/l	98
49) 1,4-Dioxane	7.71	88	112667	997.108	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1730449	230.850	ug/l	100
52) Toluene	8.77	92	524128	46.144	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	369004	46.292	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	396506	47.707	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	243275	46.621	ug/l	95
56) Ethyl methacrylate	9.16	69	345032	46.766	ug/l	97
57) 1,3-Dichloropropane	9.35	76	407529	49.175	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	830267	232.389	ug/l	100
59) 2-Hexanone	9.48	43	1274577	224.397	ug/l	98
60) Dibromochloromethane	9.57	129	307780	47.227	ug/l	99
61) 1,2-Dibromoethane	9.65	107	248722	43.032	ug/l	98
64) Tetrachloroethene	9.32	164	234697	48.387	ug/l	96
65) Chlorobenzene	10.12	112	631388	50.081	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	270980	50.812	ug/l	99
67) Ethyl Benzene	10.24	91	1062045	51.100	ug/l	99
68) m/p-Xylenes	10.34	106	804555	100.553	ug/l	95
69) o-Xylene	10.68	106	382416	49.563	ug/l	100
70) Styrene	10.70	104	694734	52.191	ug/l	99
71) Bromoform	10.84	173	245734	51.337	ug/l #	99
73) Isopropylbenzene	11.00	105	1088384	51.732	ug/l	99
74) N-amyl acetate	10.88	43	479838	51.276	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	358794	48.886	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	473658	68.140	ug/l	83
77) Bromobenzene	11.24	156	293765	50.327	ug/l	98
78) n-propylbenzene	11.34	91	1244903	50.591	ug/l	99
79) 2-Chlorotoluene	11.40	91	737891	49.205	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	974829	52.786	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	130956	49.492	ug/l	99
82) 4-Chlorotoluene	11.49	91	963543	54.637	ug/l	100
83) tert-Butylbenzene	11.76	119	949010	54.415	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	1012107	52.938	ug/l	99
85) sec-Butylbenzene	11.93	105	1047952	49.776	ug/l	100
86) p-Isopropyltoluene	12.05	119	1004840	51.308	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	532828	50.153	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	528660	50.793	ug/l	98
89) n-Butylbenzene	12.37	91	900105	55.532	ug/l	99
90) Hexachloroethane	12.58	117	198260	50.901	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	536713	54.725	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	100380	53.692	ug/l	99

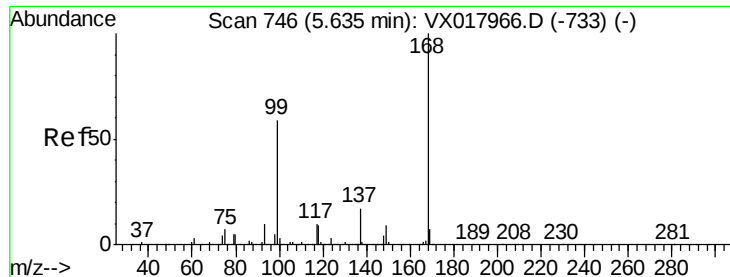
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	344349	53.371	ug/l	98
94) Hexachlorobutadiene	13.77	225	142770	51.851	ug/l	95
95) Naphthalene	13.82	128	1265167	62.121	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	376540	57.393	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

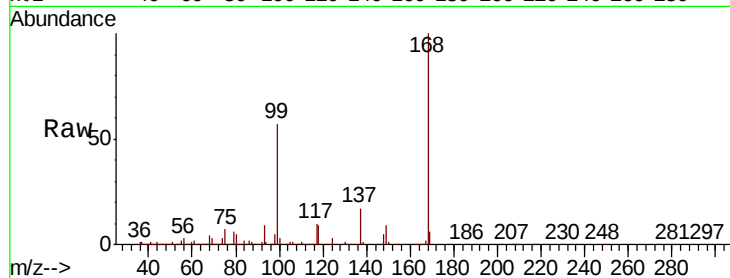
VSTDCCC050

Tot Ion:168 Resp: 451426

Ion Ratio Lower Upper

168 100

99 56.7 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

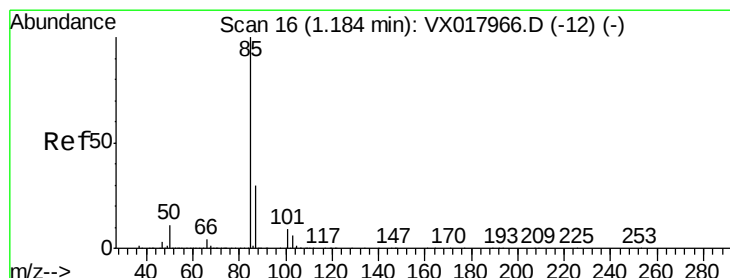
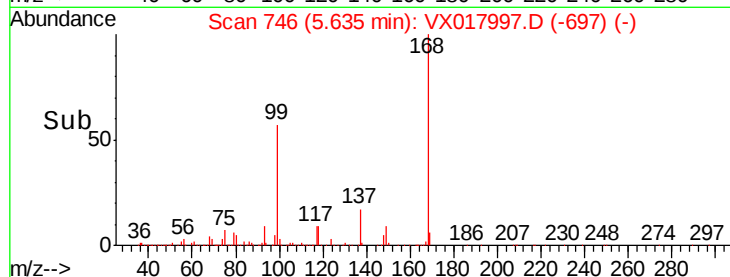
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.332 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017997.D

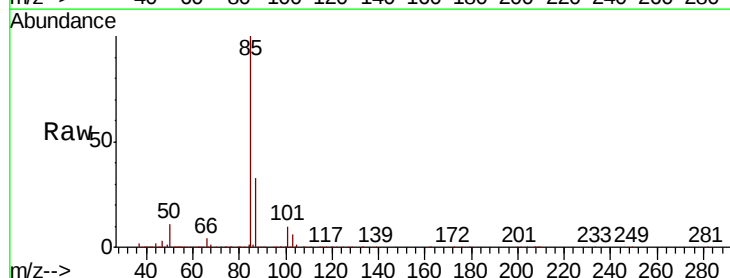
Acq: 19 Aug 2020 20:39

Tgt Ion: 85 Resp: 294675

Ion Ratio Lower Upper

85 100

87 32.9 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

400000

300000

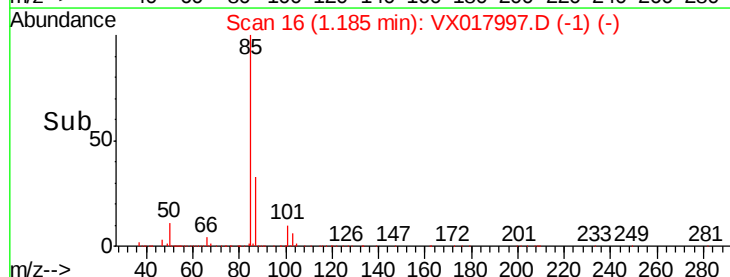
200000

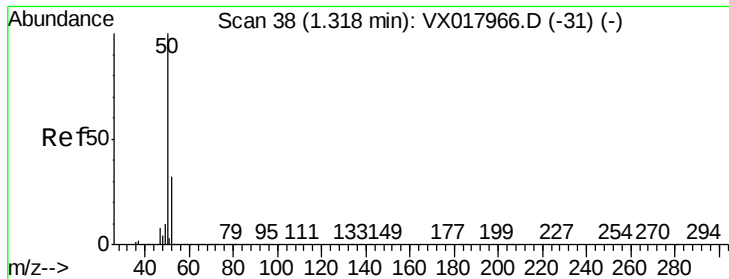
100000

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Time-->

1.10 1.15 1.20 1.25





#3

Chloromethane

Concen: 46.260 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

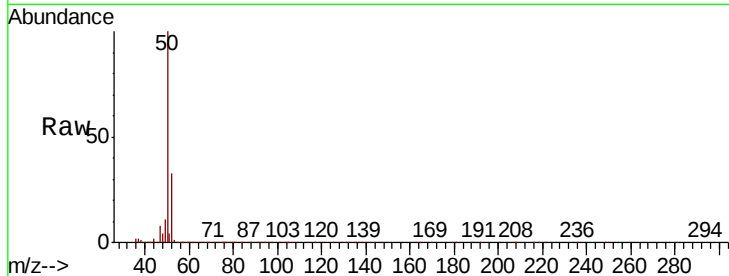
VSTDCCC050

Tot Ion: 50 Resp: 285589

Ion Ratio Lower Upper

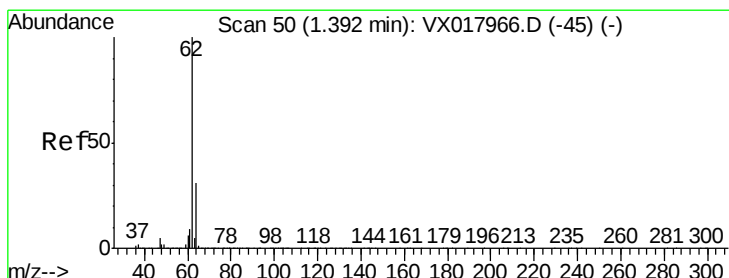
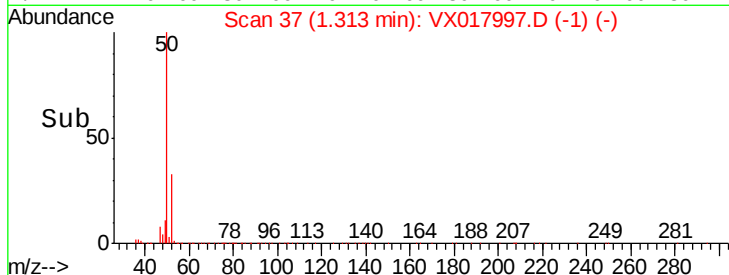
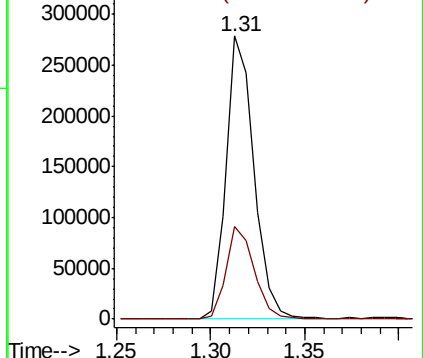
50 100

52 32.7 25.4 38.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.641 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017997.D

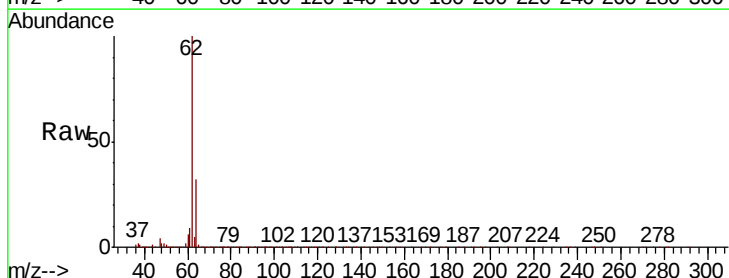
Acq: 19 Aug 2020 20:39

Tgt Ion: 62 Resp: 290411

Ion Ratio Lower Upper

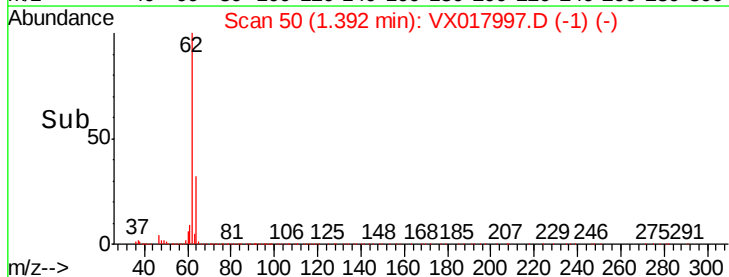
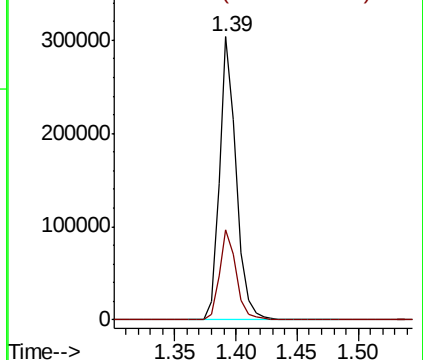
62 100

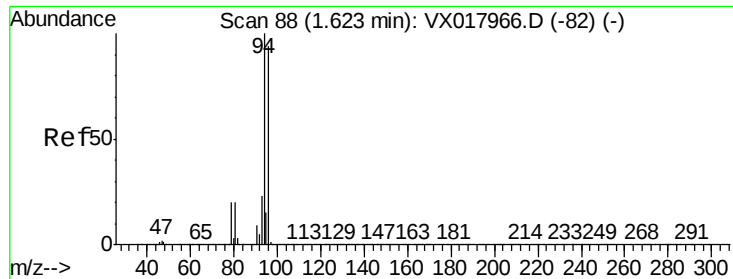
64 31.6 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.441 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

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ClientSampleId :

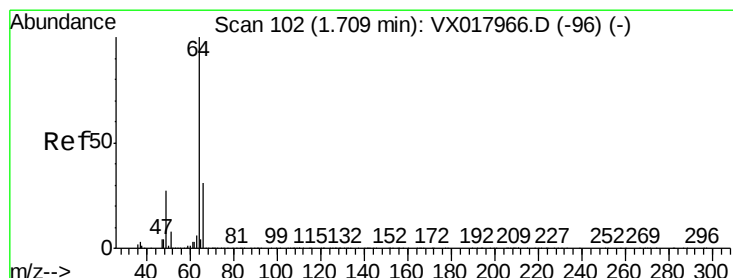
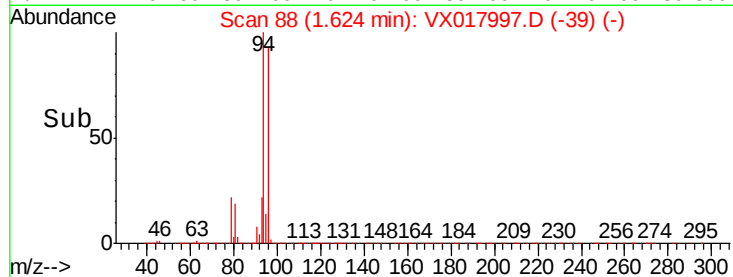
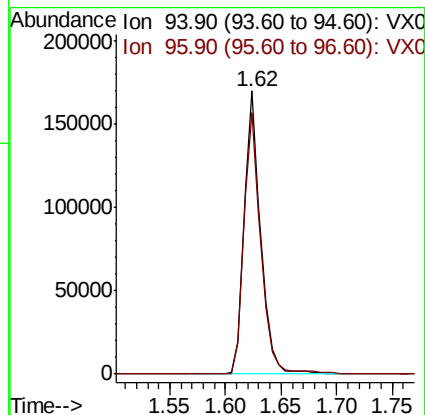
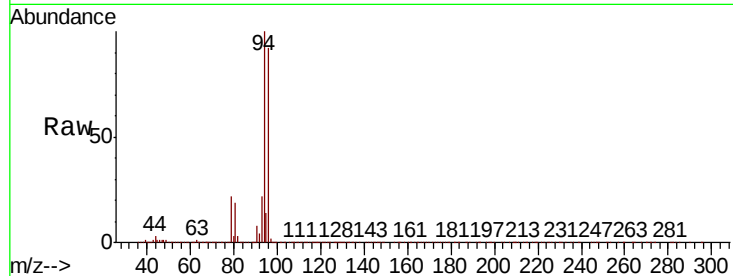
VSTDCCC050

Tot Ion: 94 Resp: 174263

Ion Ratio Lower Upper

94 100

96 92.4 75.5 113.3



#6

Chloroethane

Concen: 49.082 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017997.D

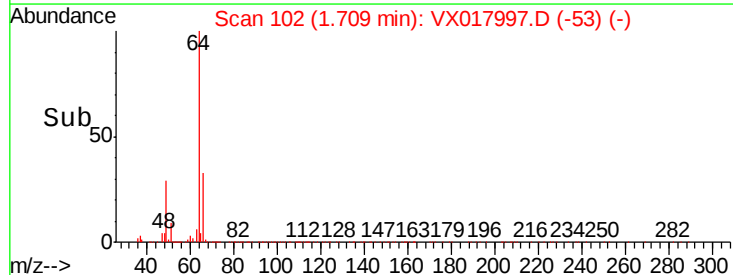
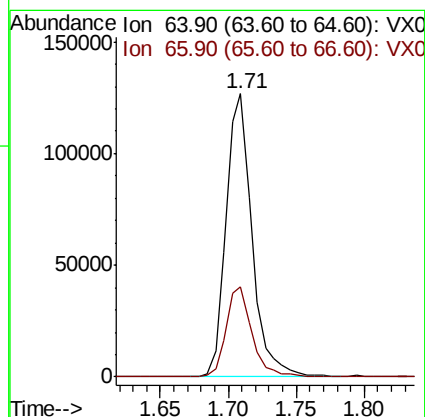
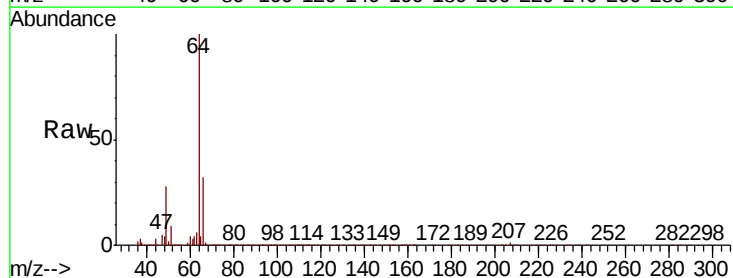
Acq: 19 Aug 2020 20:39

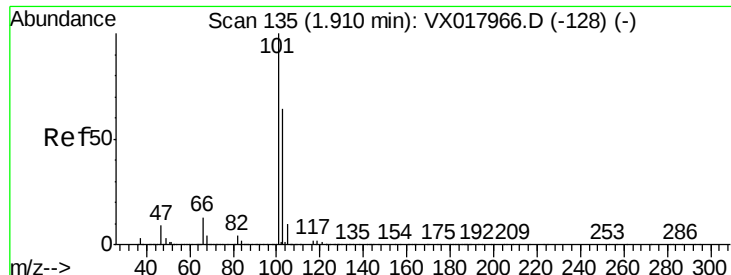
Tgt Ion: 64 Resp: 166170

Ion Ratio Lower Upper

64 100

66 31.9 25.0 37.4



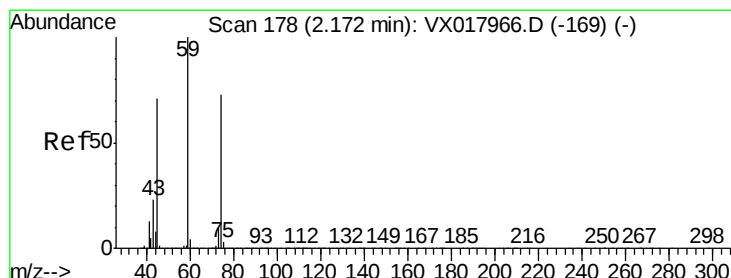
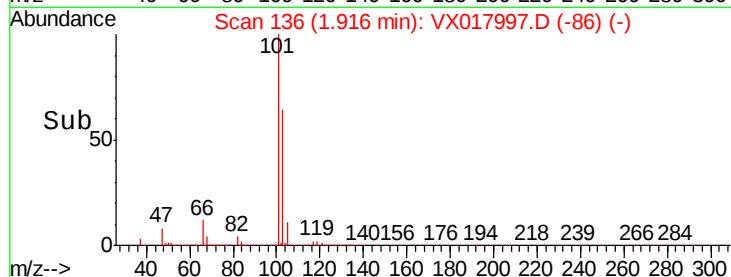
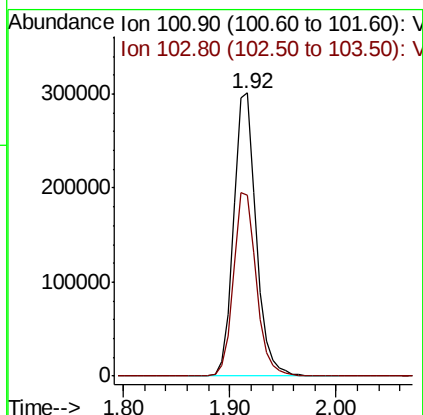
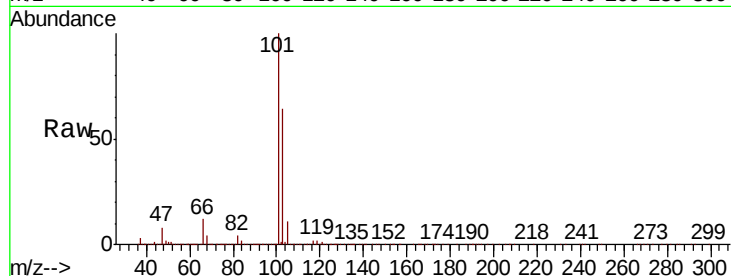


#7

Trichlorofluoromethane
 Concen: 47.377 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.01 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

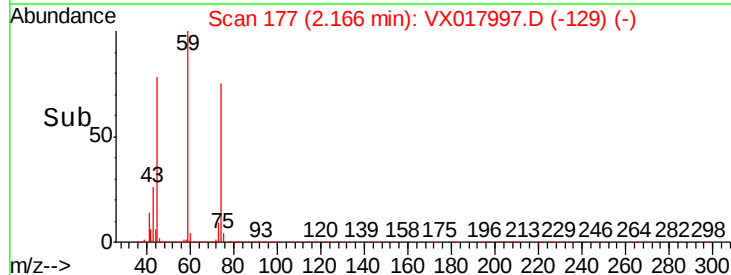
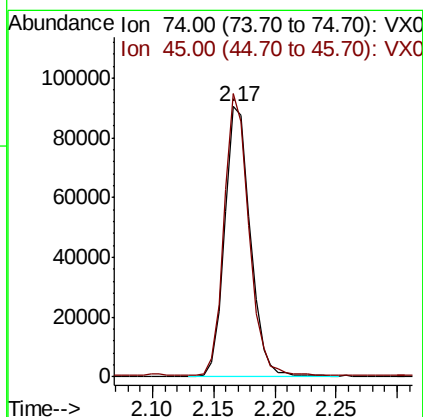
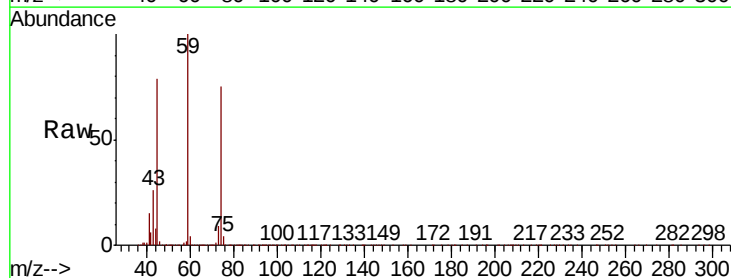
Tot Ion:101 Resp: 447862
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.2 76.8

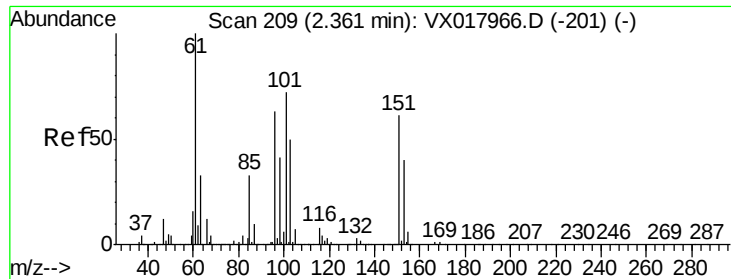


#8

Diethyl Ether
 Concen: 47.635 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Tgt Ion: 74 Resp: 131239
 Ion Ratio Lower Upper
 74 100
 45 101.1 50.5 151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.742 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

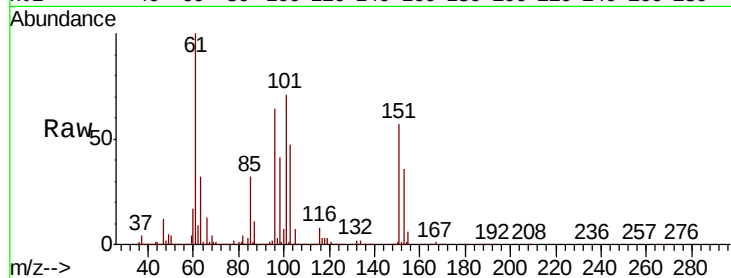
Tot Ion:101 Resp: 198927

Ion Ratio Lower Upper

101 100

85 45.2 35.4 53.2

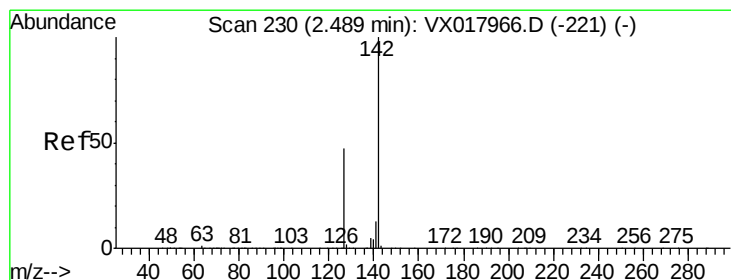
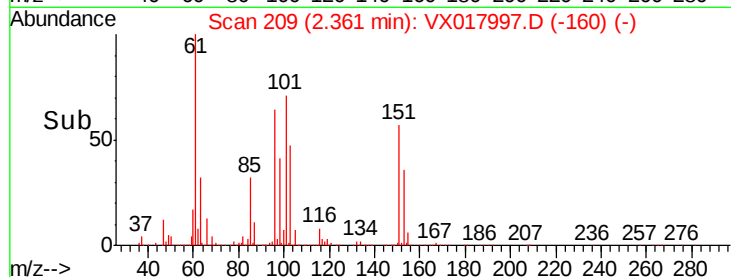
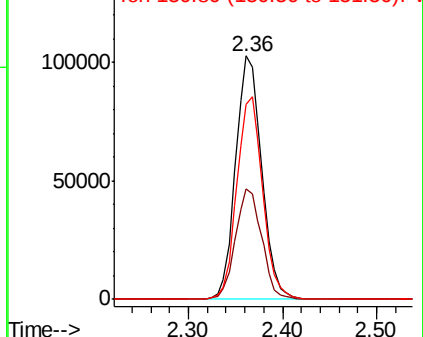
151 82.0 65.4 98.0



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: 41.190 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

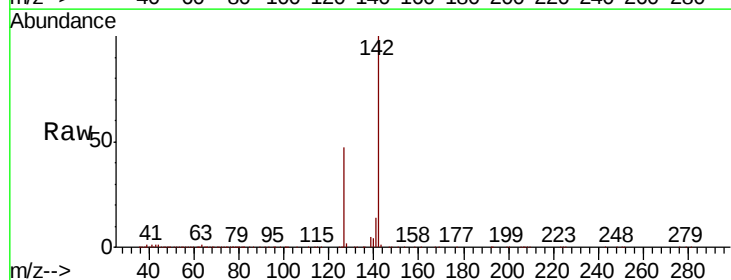
Tgt Ion:142 Resp: 236156

Ion Ratio Lower Upper

142 100

127 47.7 38.0 57.0

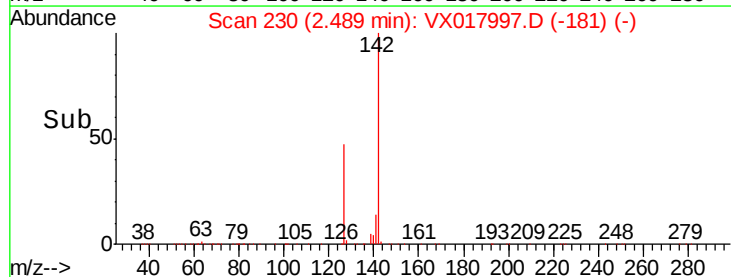
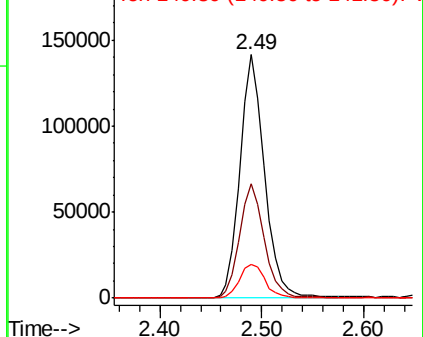
141 14.8 11.2 16.8

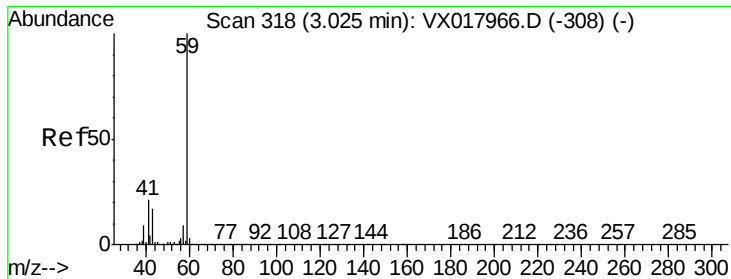


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



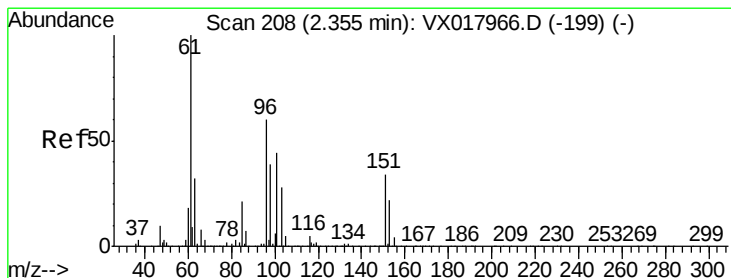
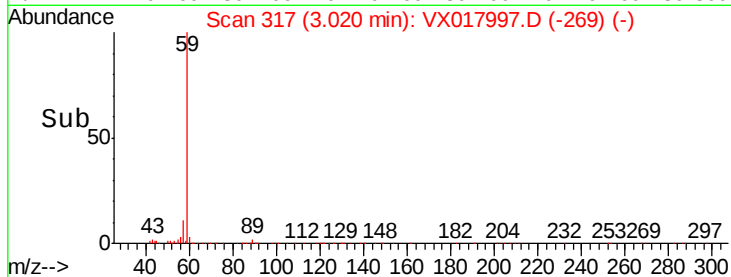
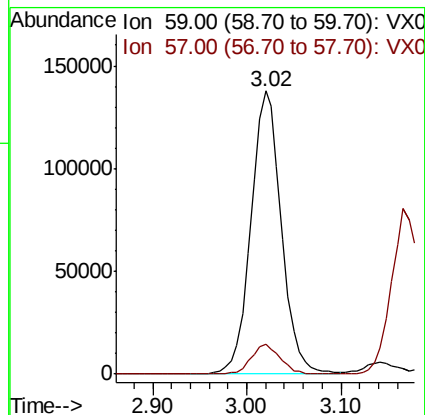
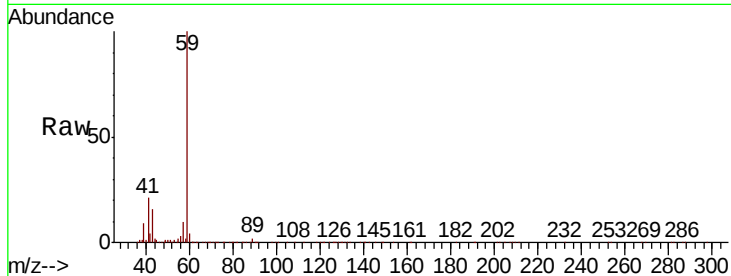


#11

Tert butyl alcohol
 Concen: 244.561 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.01 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

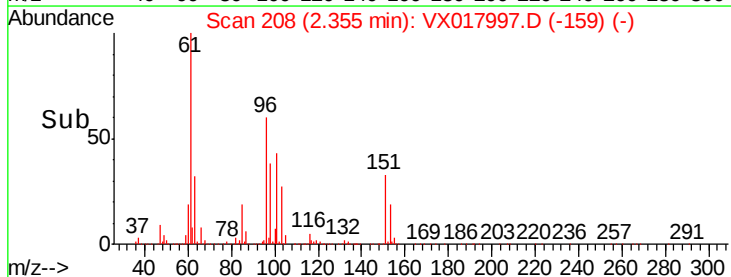
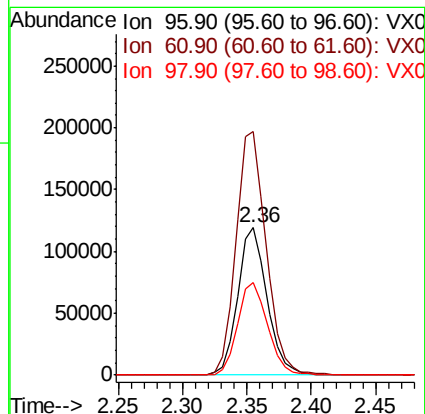
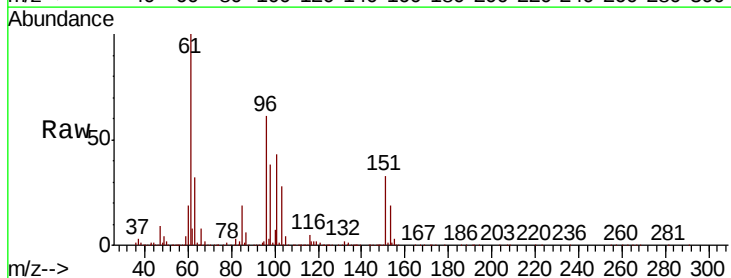
Tot Ion: 59 Resp: 312471
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.6 13.0

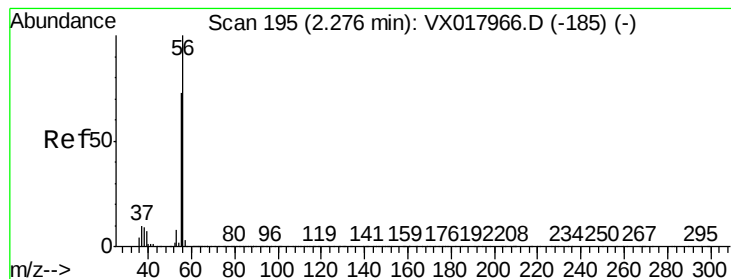


#12

1,1-Dichloroethene
 Concen: 46.222 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Tgt Ion: 96 Resp: 188076
 Ion Ratio Lower Upper
 96 100
 61 165.1 132.9 199.3
 98 62.8 51.6 77.4





#13

Acrolein

Concen: 275.022 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

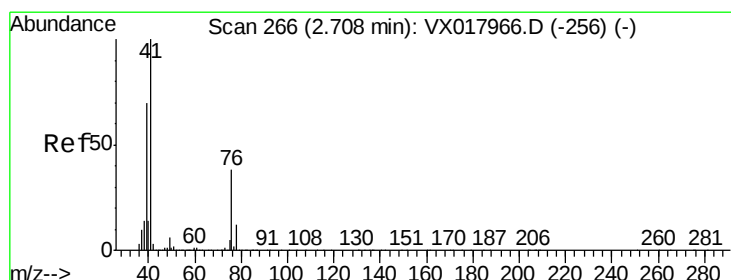
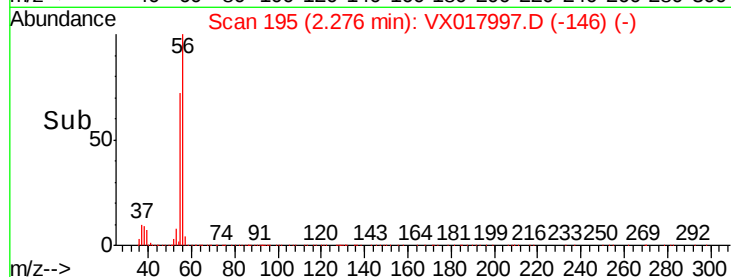
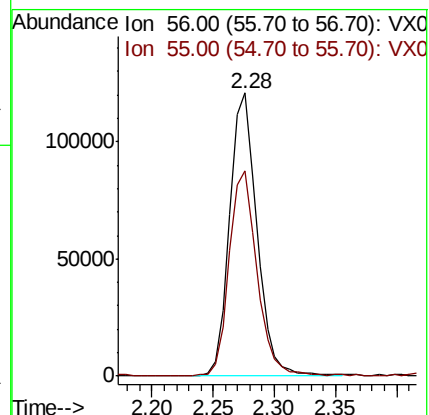
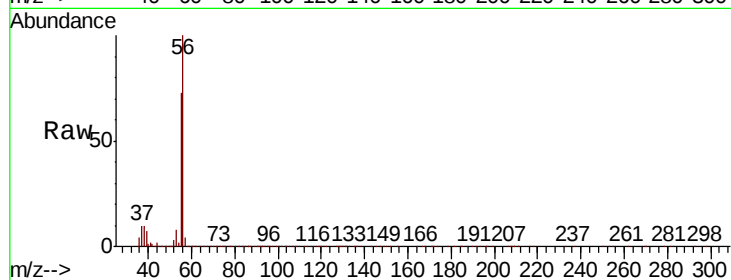
VSTDCCC050

Tot Ion: 56 Resp: 185621

Ion Ratio Lower Upper

56 100

55 73.5 58.2 87.4



#14

Allyl chloride

Concen: 49.760 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

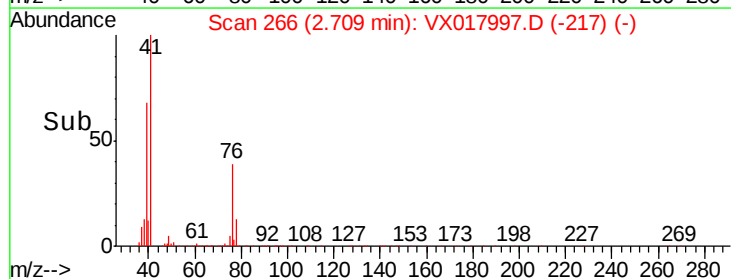
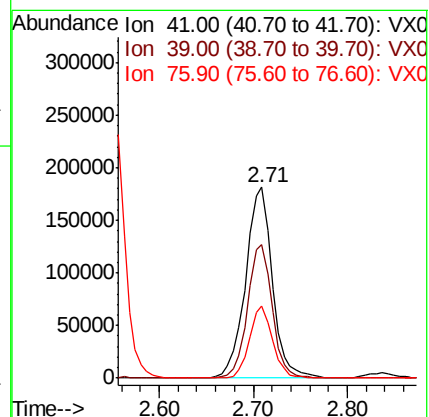
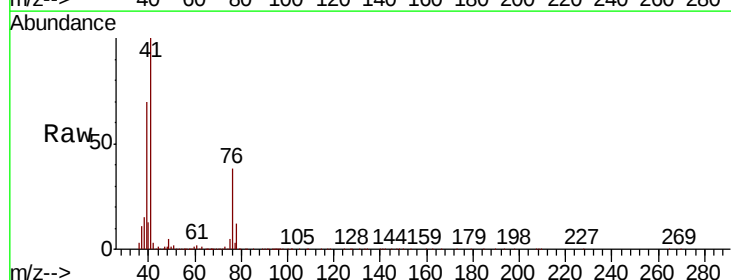
Tgt Ion: 41 Resp: 361112

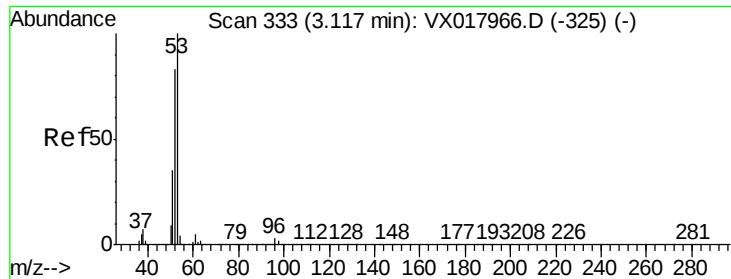
Ion Ratio Lower Upper

41 100

39 64.1 51.7 77.5

76 32.4 26.3 39.5





#15

Acrylonitrile

Concen: 248.204 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

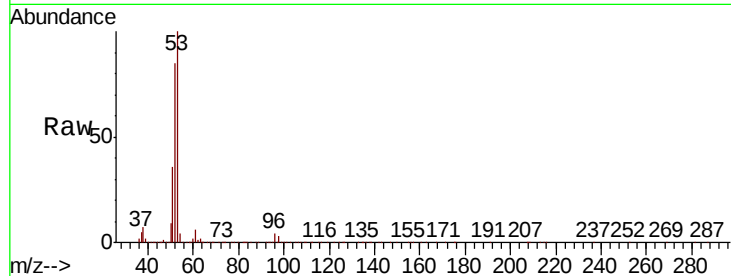
Tot Ion: 53 Resp: 692564

Ion Ratio Lower Upper

53 100

52 83.6 67.1 100.7

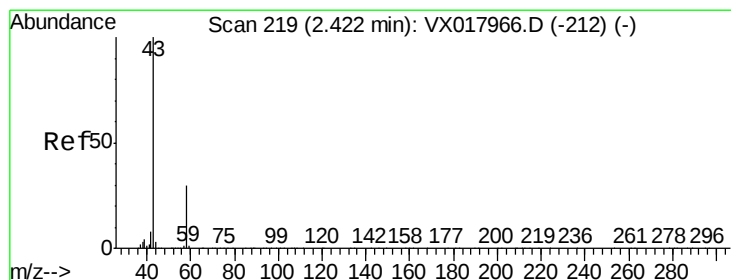
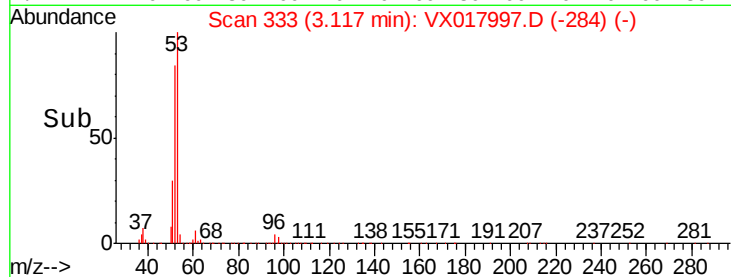
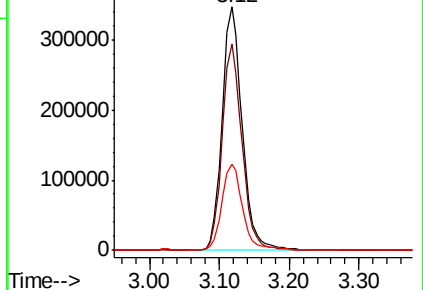
51 36.7 29.2 43.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 239.831 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017997.D

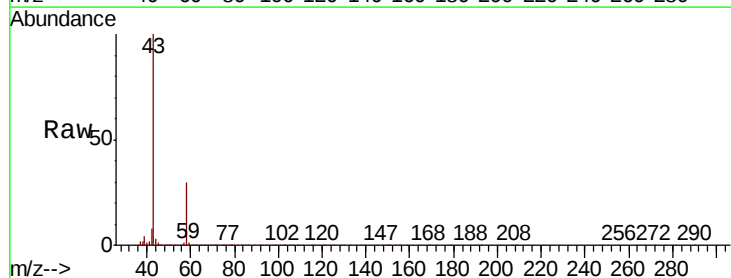
Acq: 19 Aug 2020 20:39

Tgt Ion: 43 Resp: 624382

Ion Ratio Lower Upper

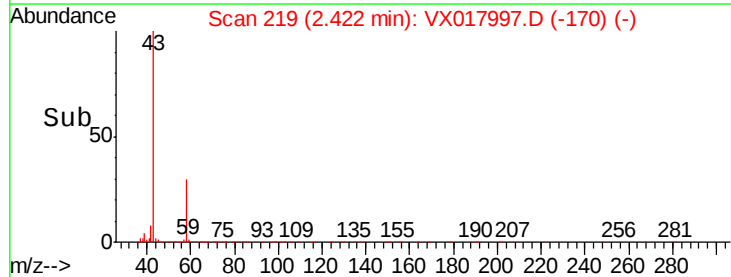
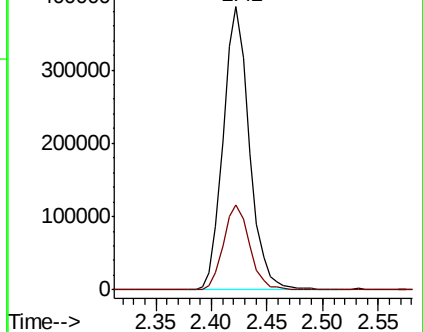
43 100

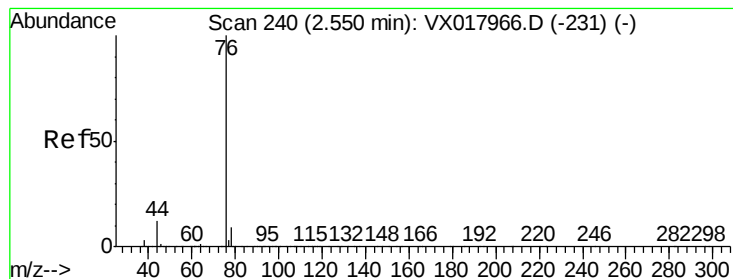
58 30.0 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.233 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

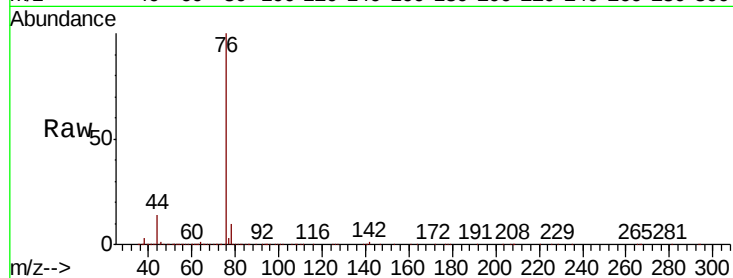
VSTDCCC050

Tot Ion: 76 Resp: 486047

Ion Ratio Lower Upper

76 100

78 10.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

300000

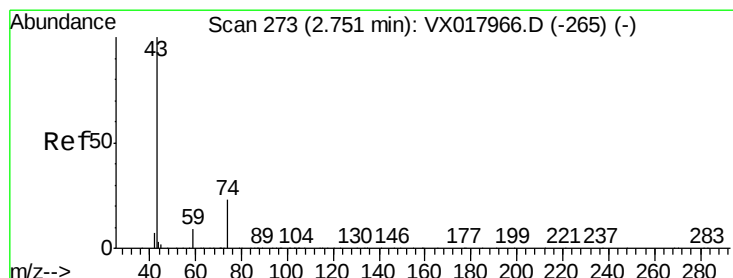
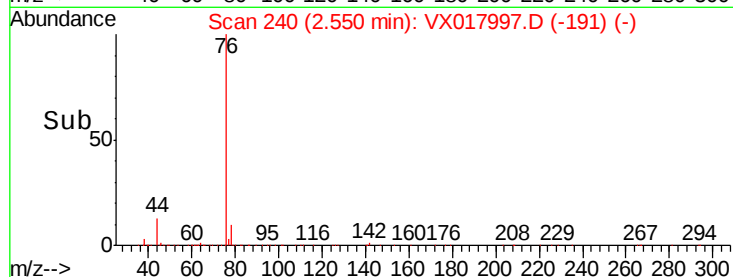
200000

100000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 52.175 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017997.D

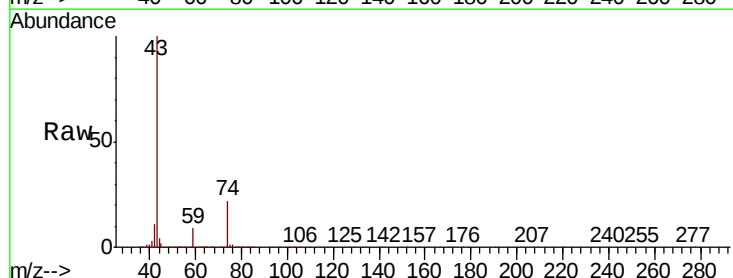
Acq: 19 Aug 2020 20:39

Tgt Ion: 43 Resp: 341799

Ion Ratio Lower Upper

43 100

74 22.7 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

200000

150000

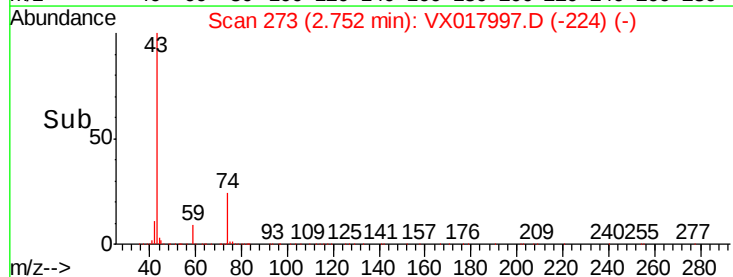
100000

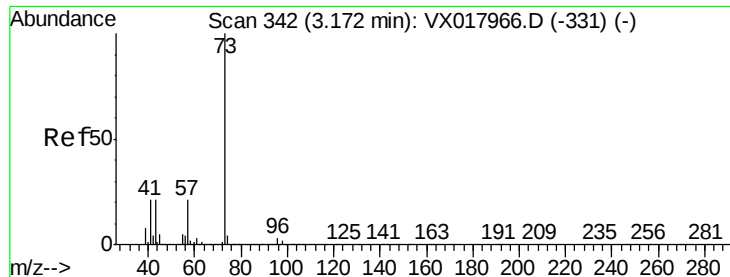
50000

0

2.70 2.80

Time-->



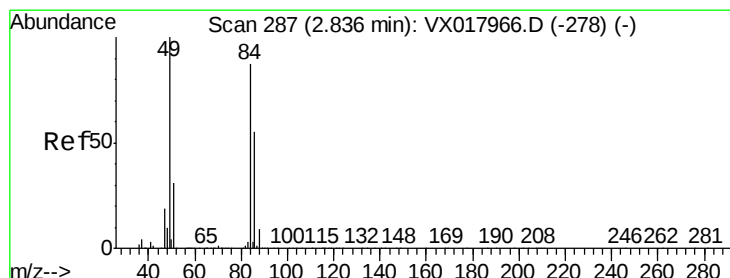
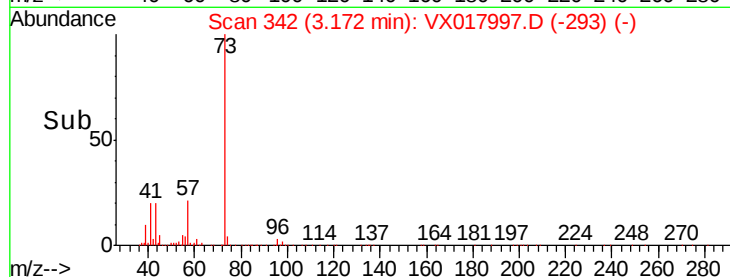
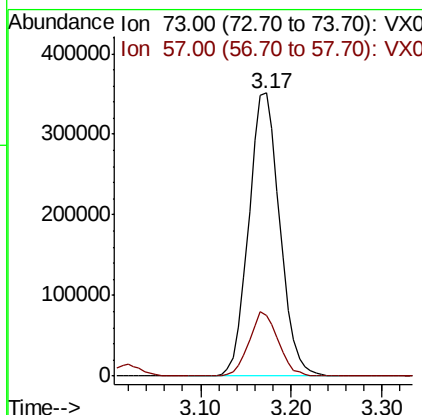
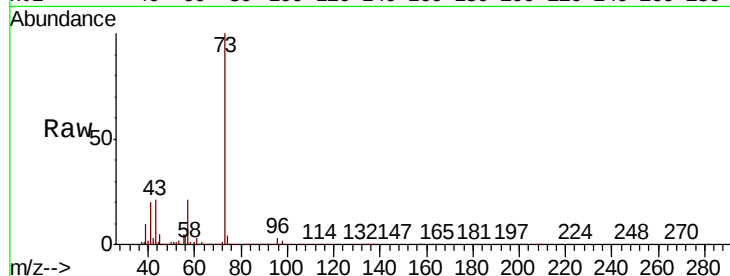


#19

Methyl tert-butyl Ether
 Concen: 53.370 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

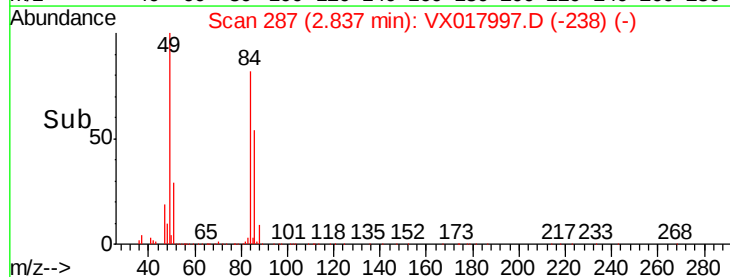
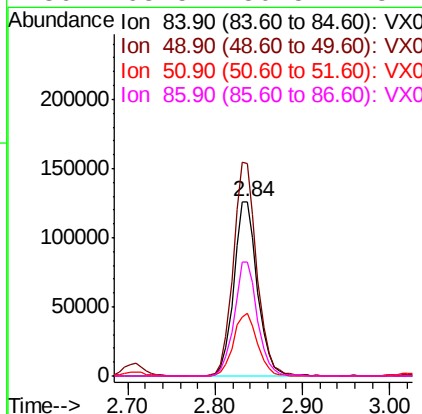
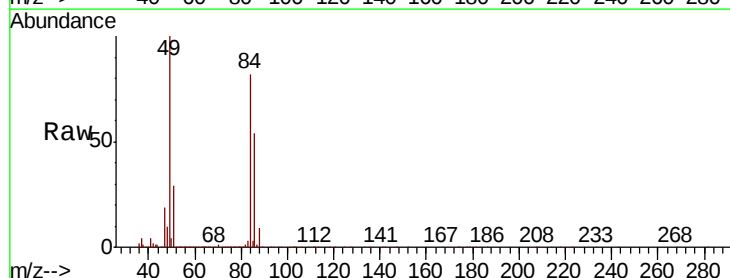
Tot Ion: 73 Resp: 830262
 Ion Ratio Lower Upper
 73 100
 57 21.3 16.9 25.3

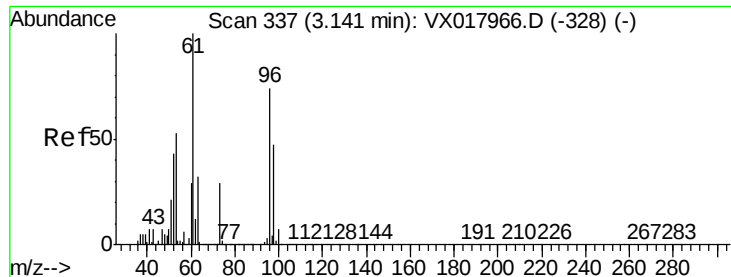


#20

Methylene Chloride
 Concen: 49.417 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Tgt Ion: 84 Resp: 237032
 Ion Ratio Lower Upper
 84 100
 49 121.6 91.8 137.6
 51 35.8 27.8 41.8
 86 65.5 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 50.362 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

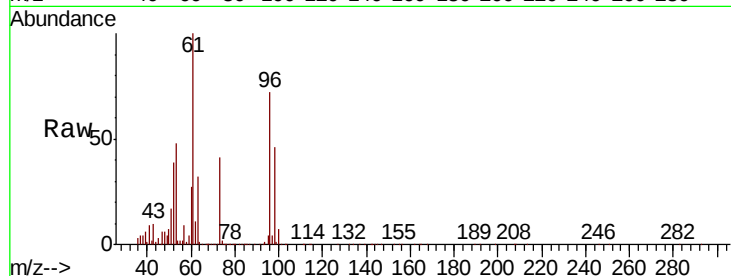
Tot Ion: 96 Resp: 210666

Ion Ratio Lower Upper

96 100

61 139.2 108.6 163.0

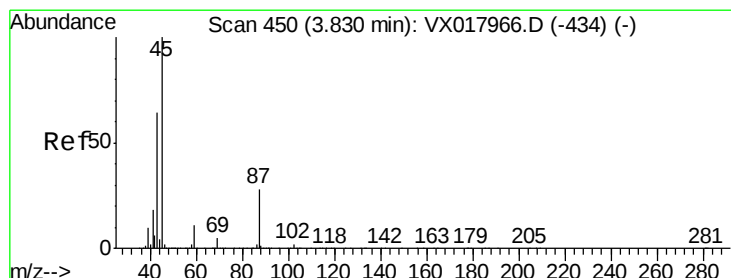
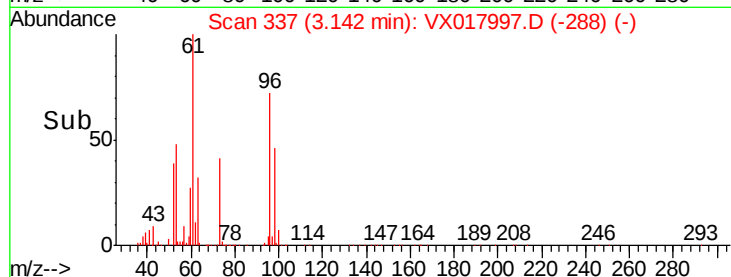
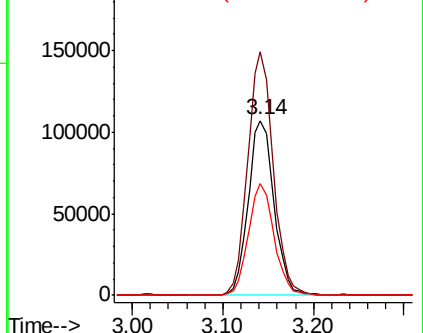
98 63.6 51.4 77.0



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: 53.610 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Tgt Ion: 45 Resp: 815565

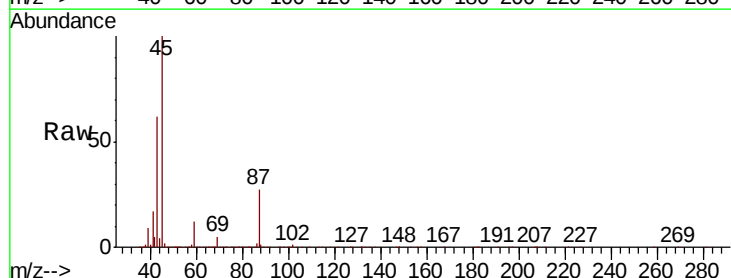
Ion Ratio Lower Upper

45 100

43 61.5 51.5 77.3

87 26.5 22.6 33.8

59 11.6 9.0 13.4

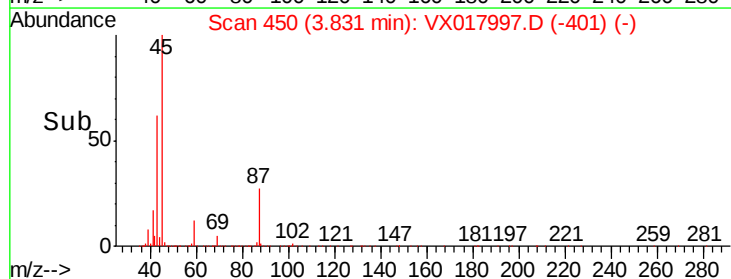
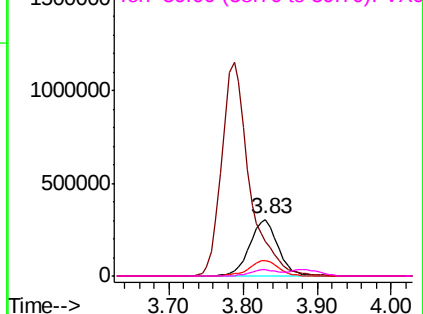


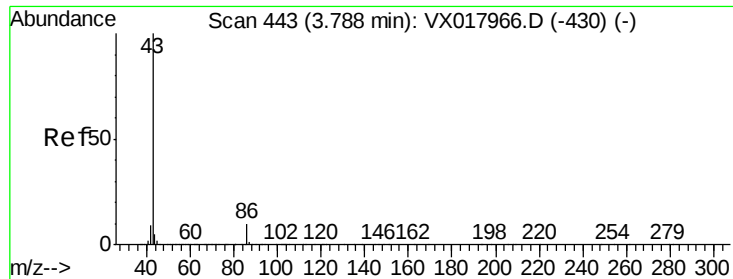
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 258.279 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

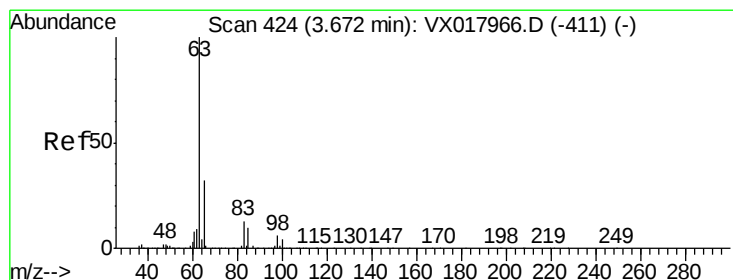
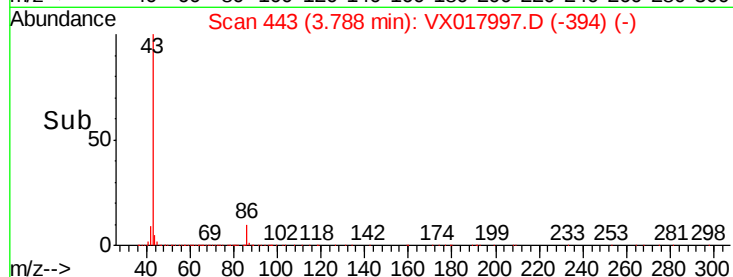
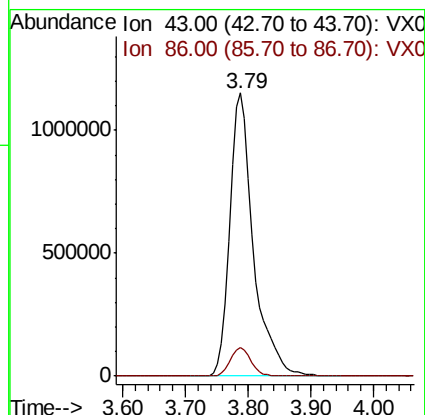
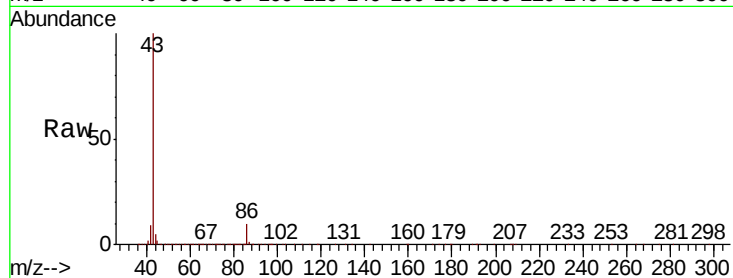
VSTDCCC050

Tot Ion: 43 Resp: 3002631

Ion Ratio Lower Upper

43 100

86 10.1 8.1 12.1



#24

1,1-Dichloroethane

Concen: 50.342 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

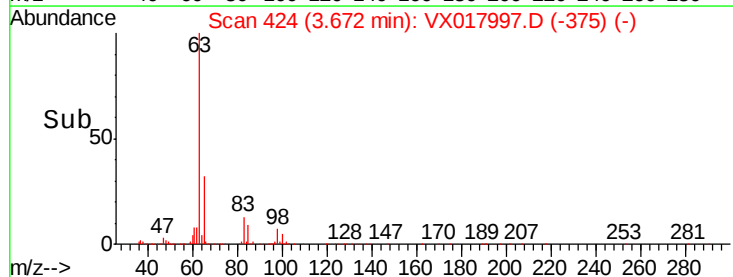
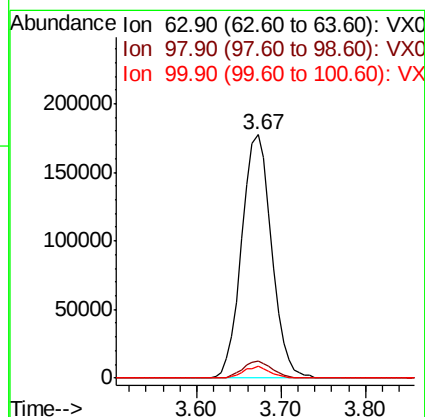
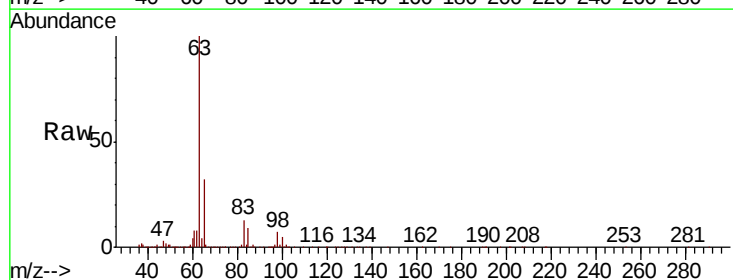
Tgt Ion: 63 Resp: 424549

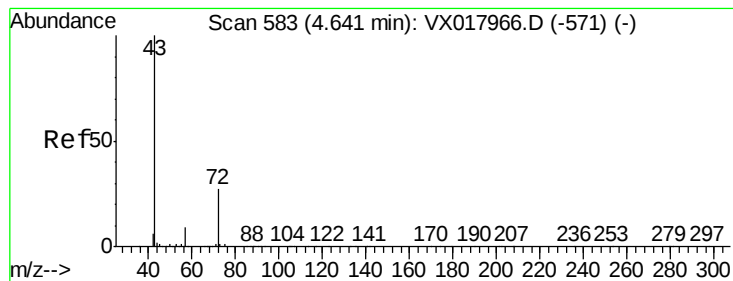
Ion Ratio Lower Upper

63 100

98 6.9 3.0 9.0

100 4.6 2.0 5.8





#25

2-Butanone

Concen: 246.177 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

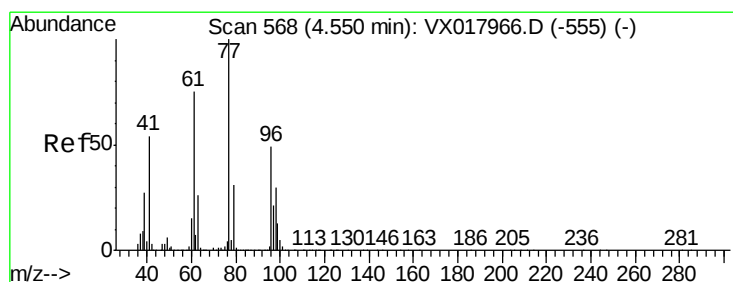
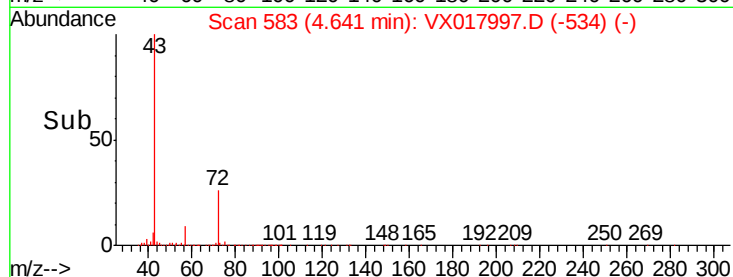
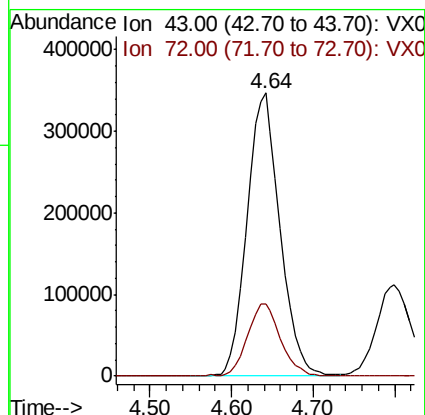
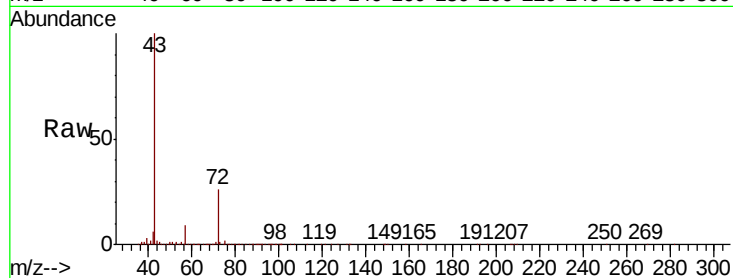
VSTDCCC050

Tot Ion: 43 Resp: 970278

Ion Ratio Lower Upper

43 100

72 25.5 21.4 32.2



#26

2,2-Dichloropropane

Concen: 45.037 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017997.D

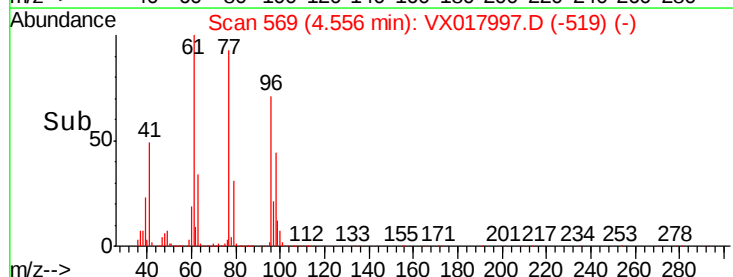
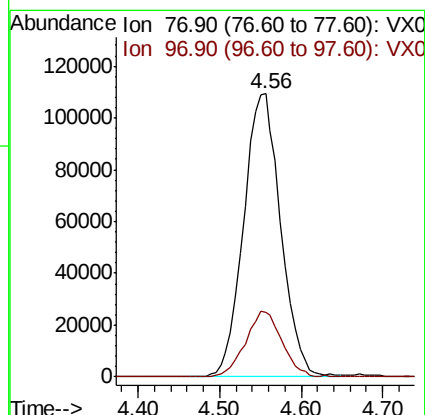
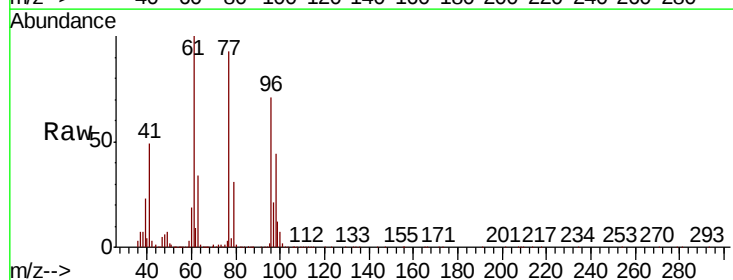
Acq: 19 Aug 2020 20:39

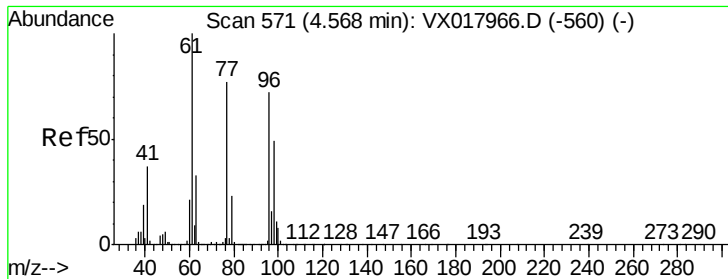
Tgt Ion: 77 Resp: 345862

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.9



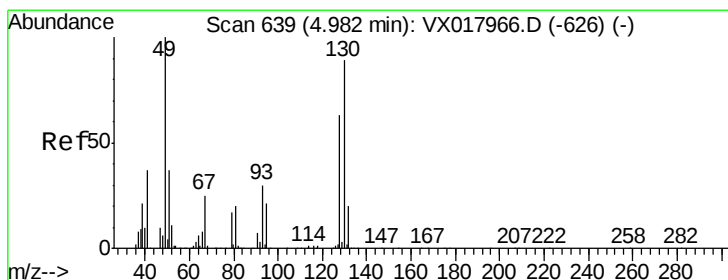
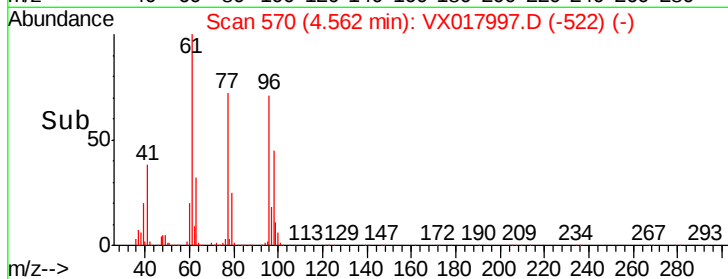
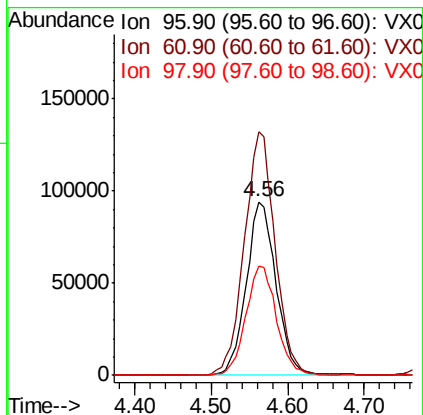
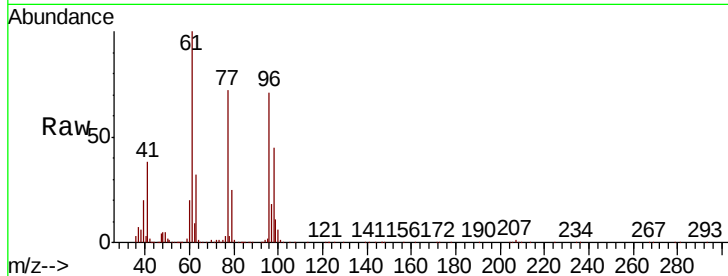


#27

cis-1,2-Dichloroethene
Concen: 51.814 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

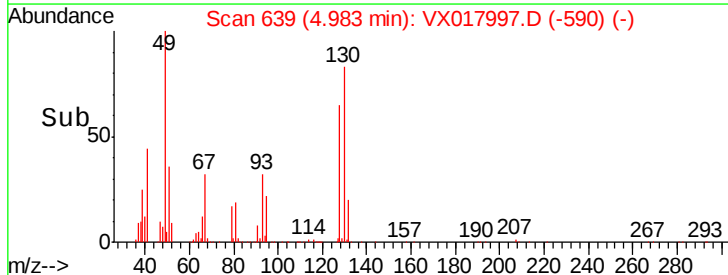
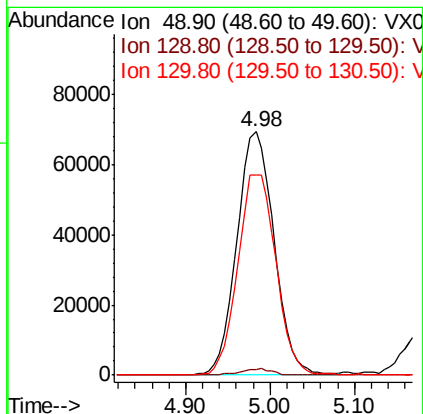
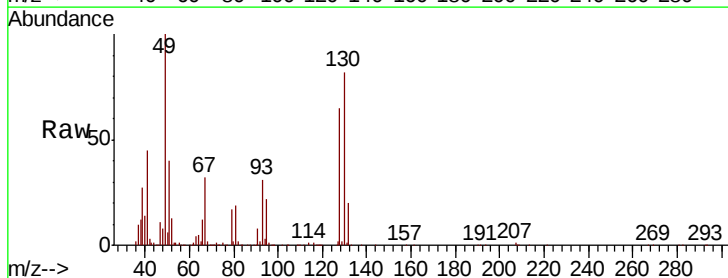
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	298.8
98	64.5	0.0	130.2

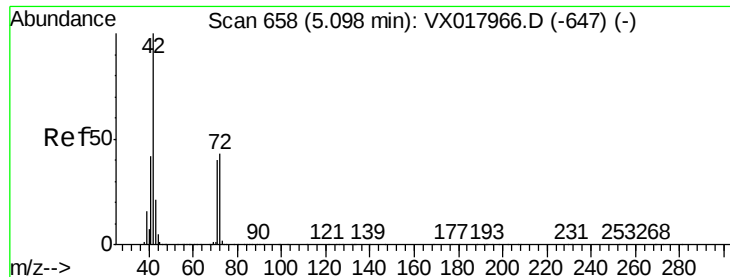


#28

Bromochloromethane
Concen: 47.549 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.6
130	84.9	68.5	102.7





#29

Tetrahydrofuran

Concen: 255.250 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

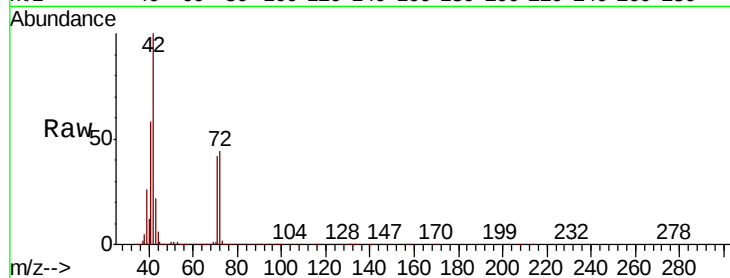
Tot Ion: 42 Resp: 624813

Ion Ratio Lower Upper

42 100

72 43.6 35.9 53.9

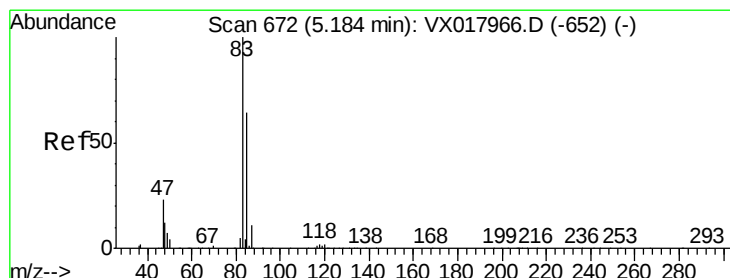
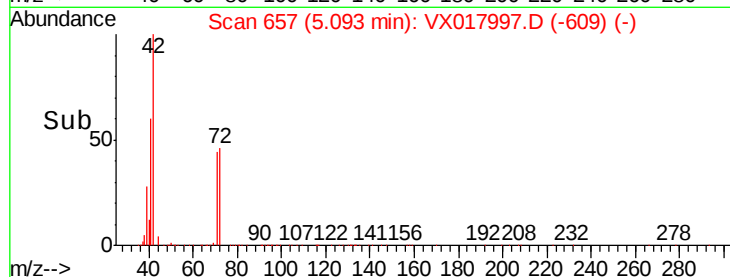
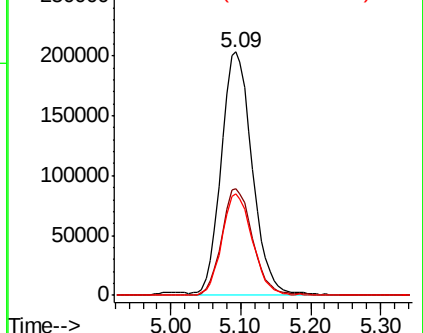
71 40.9 33.0 49.4



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: 50.422 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.00 min

Lab File: VX017997.D

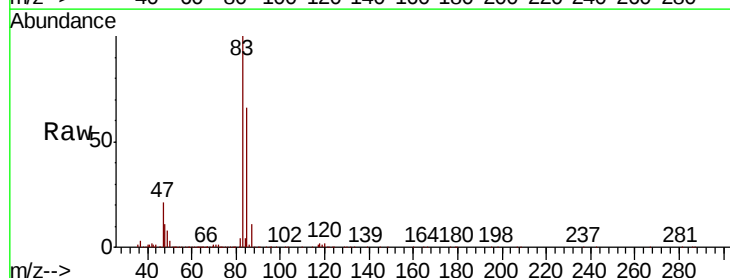
Acq: 19 Aug 2020 20:39

Tgt Ion: 83 Resp: 464772

Ion Ratio Lower Upper

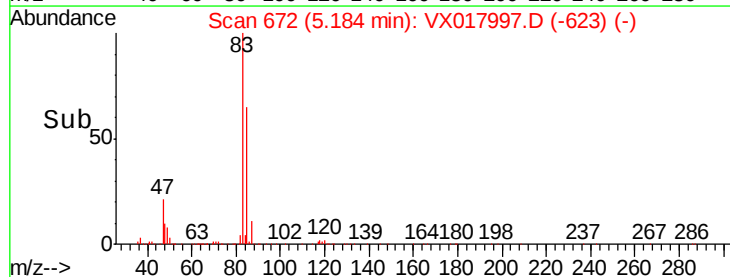
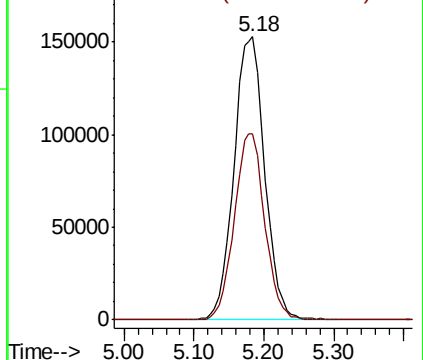
83 100

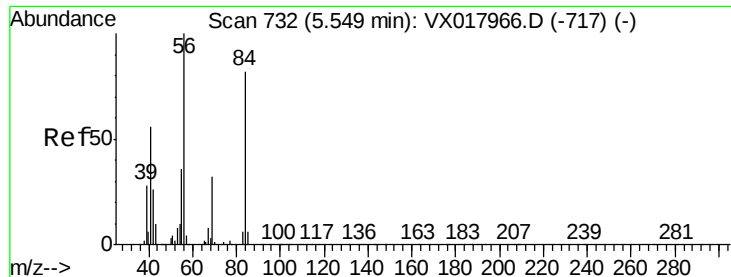
85 65.5 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 51.601 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

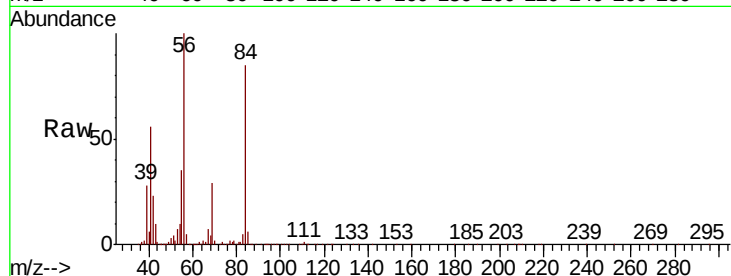
Tot Ion: 56 Resp: 352875

Ion Ratio Lower Upper

56 100

69 28.8 25.3 37.9

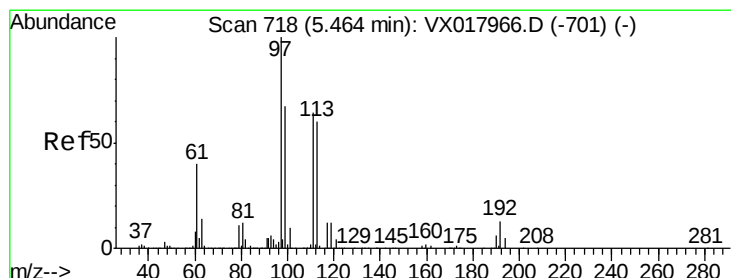
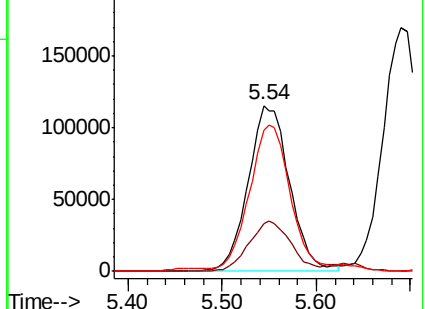
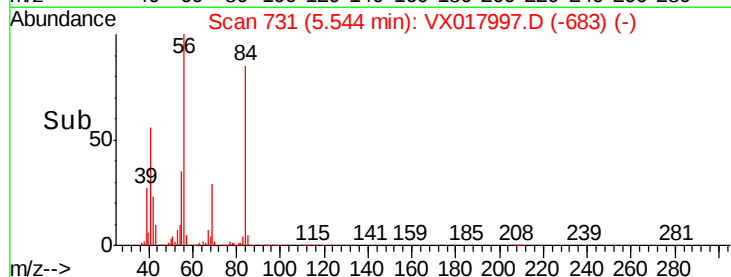
84 83.2 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.341 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

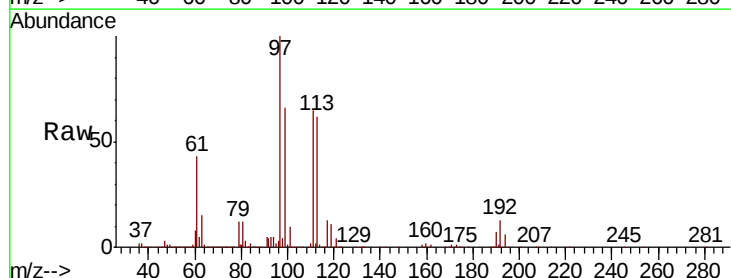
Tgt Ion: 97 Resp: 412591

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

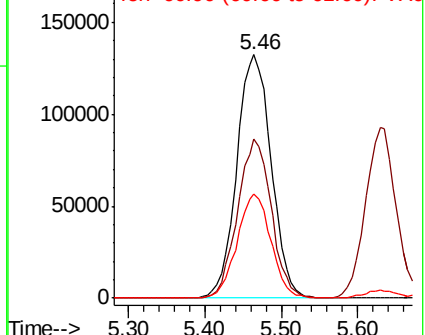
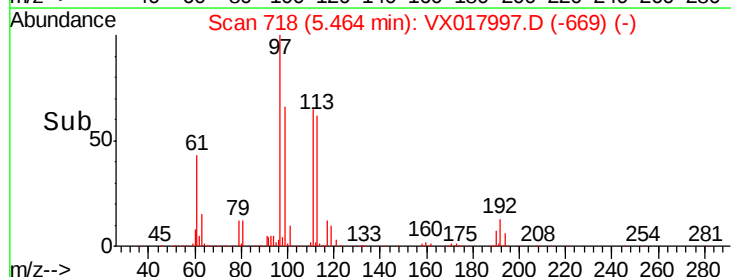
61 42.2 33.7 50.5

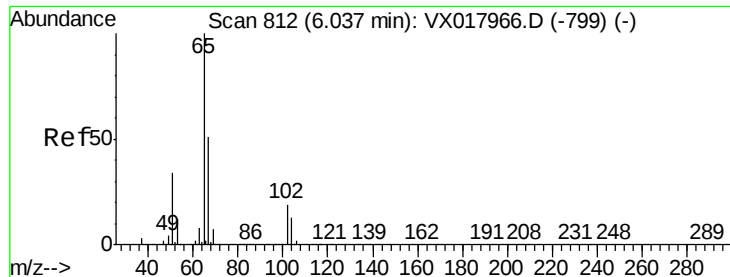


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

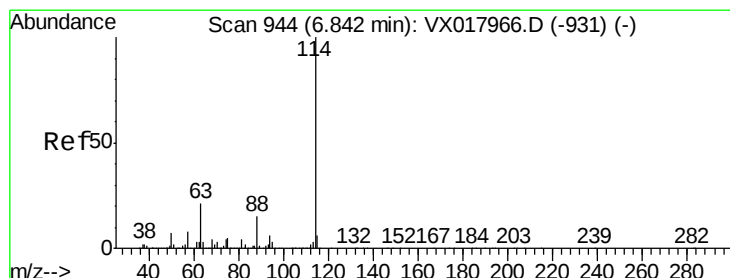
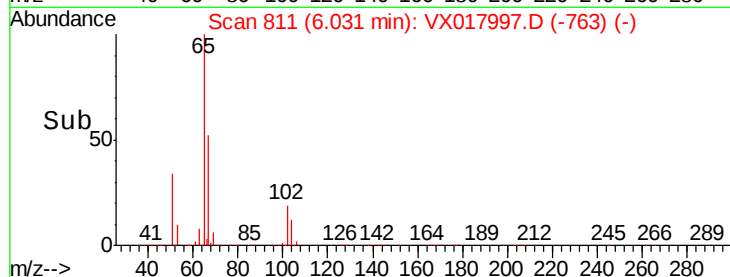
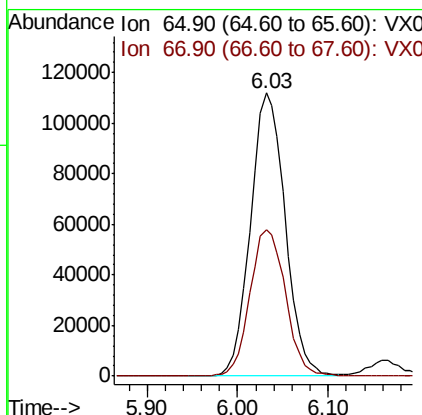
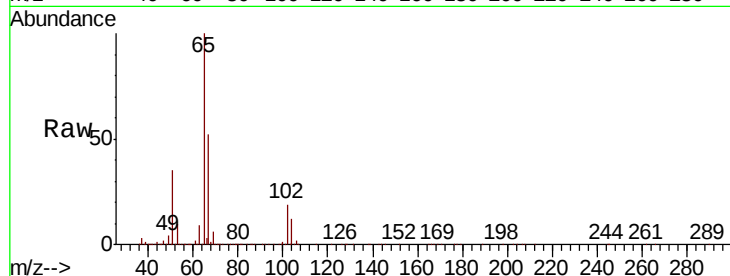




#33
 1,2-Dichloroethane-d4
 Concen: 44.739 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

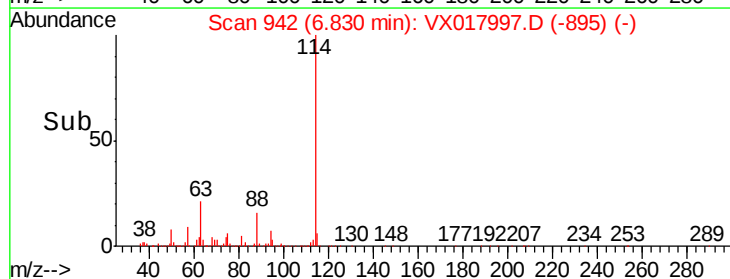
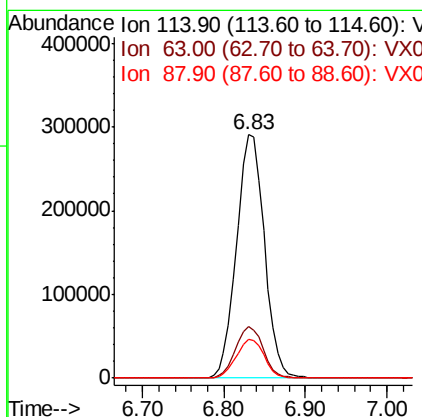
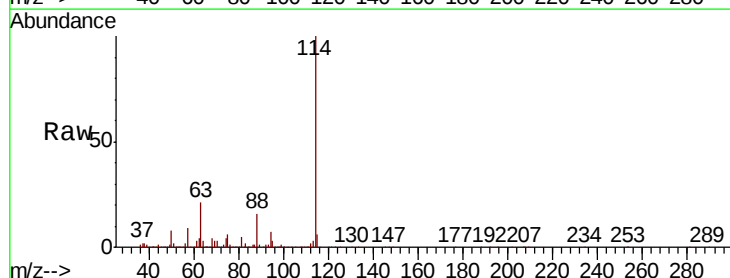
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

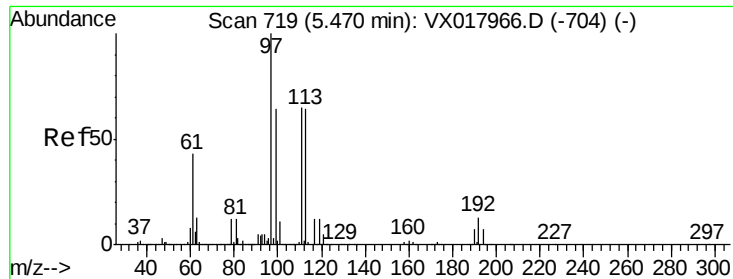
Tot Ion: 65 Resp: 296061
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Tgt Ion: 114 Resp: 688668
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.6
 88 16.2 0.0 30.2

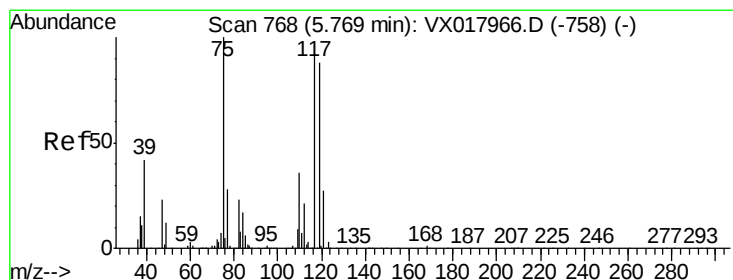
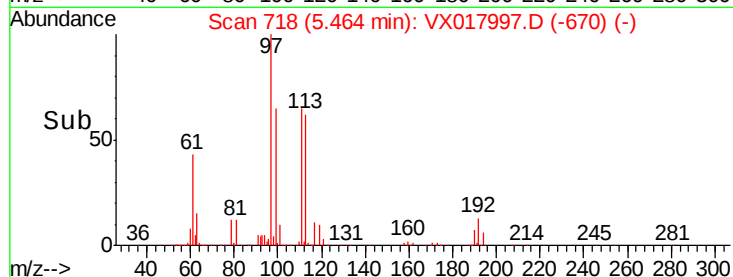
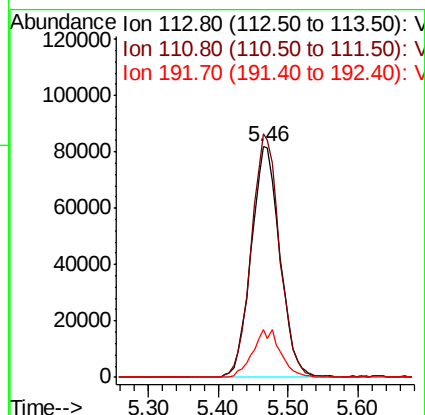
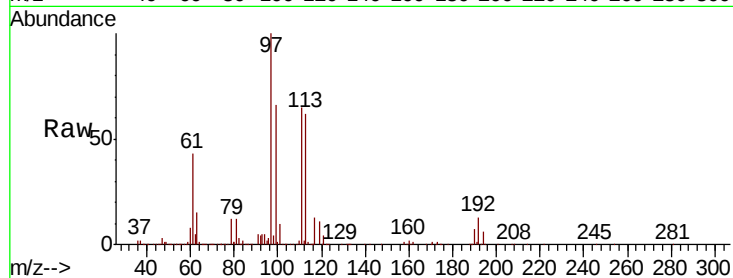




#35
Dibromofluoromethane
Concen: 45.483 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

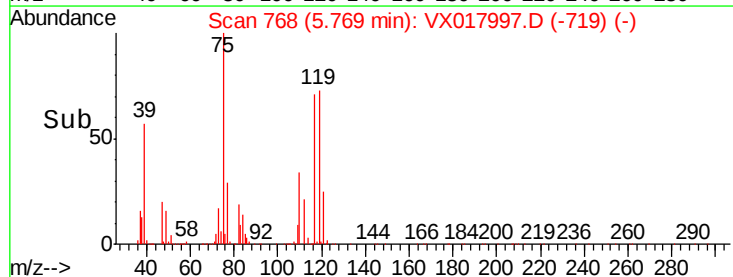
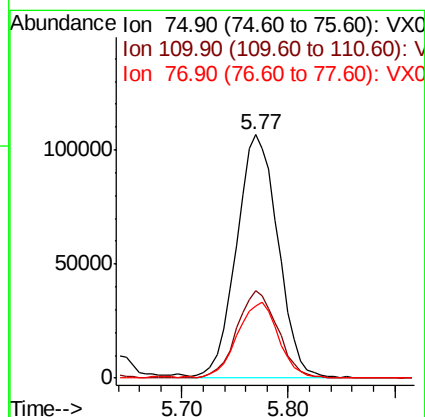
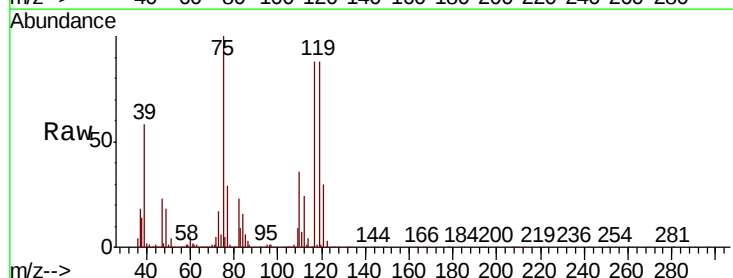
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

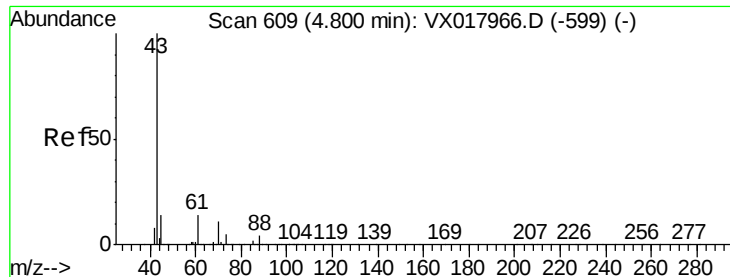
Tot Ion:113 Resp: 233254
Ion Ratio Lower Upper
113 100
111 103.8 83.5 125.3
192 20.0 16.2 24.4



#36
1,1-Dichloropropene
Concen: 50.242 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion: 75 Resp: 289605
Ion Ratio Lower Upper
75 100
110 35.7 18.7 56.1
77 31.2 24.4 36.6

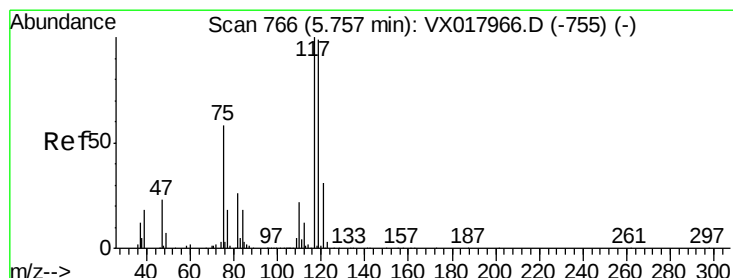
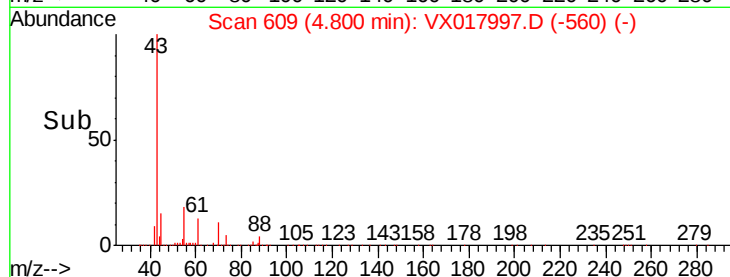
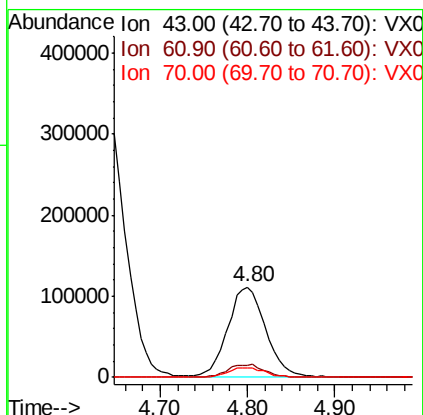
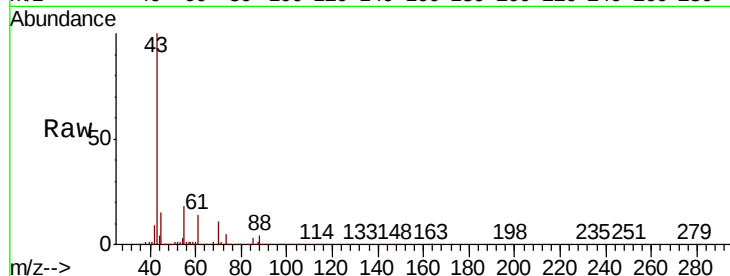




#37
Ethyl Acetate
Concen: 48.216 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

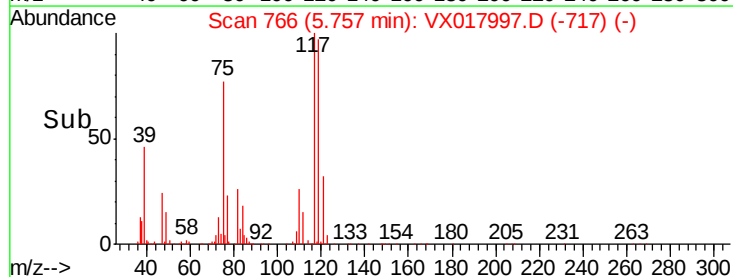
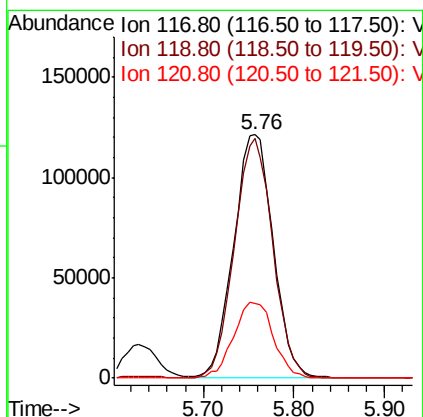
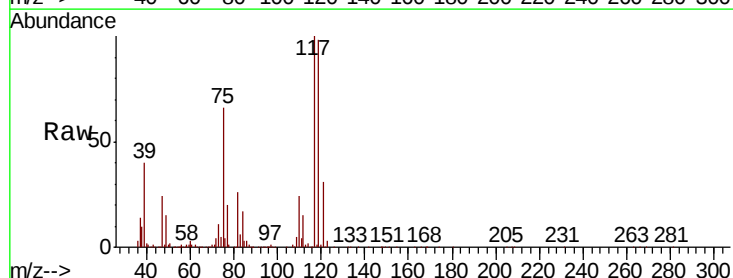
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

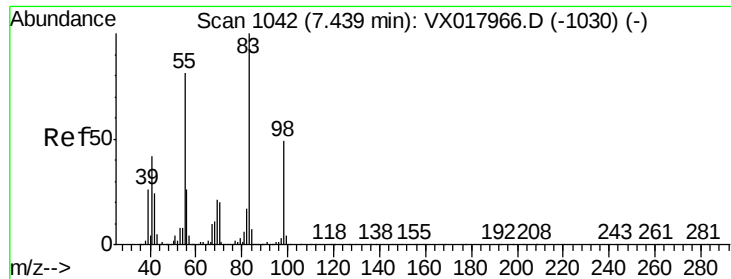
Tot Ion	43	Resp	332530
Ion Ratio	Lower	Upper	
43	100		
61	13.9	11.3	16.9
70	11.2	8.5	12.7



#38
Carbon Tetrachloride
Concen: 49.066 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion	117	Resp	366036
Ion Ratio	Lower	Upper	
117	100		
119	98.4	79.0	118.6
121	30.7	24.7	37.1

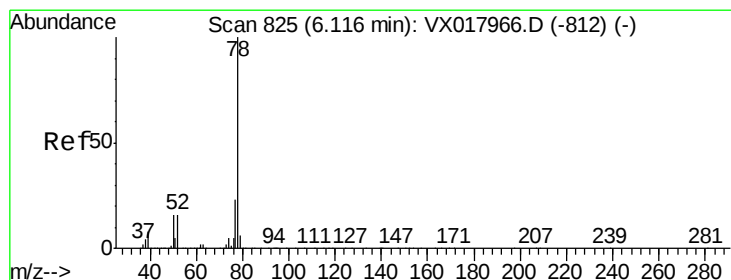
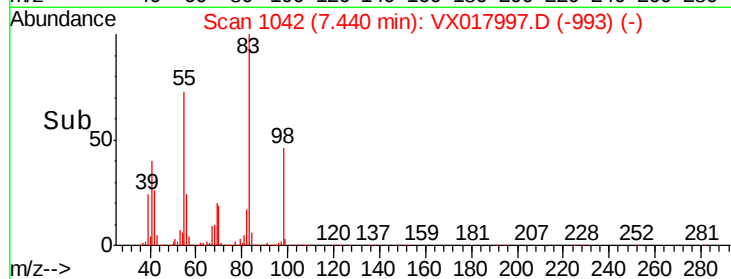
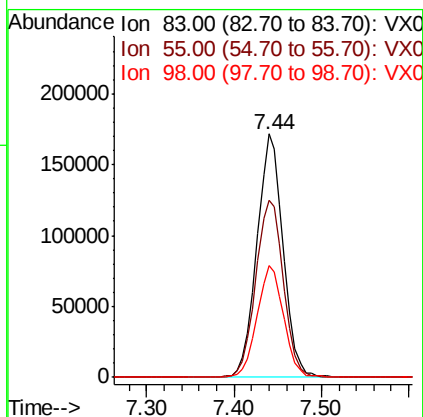
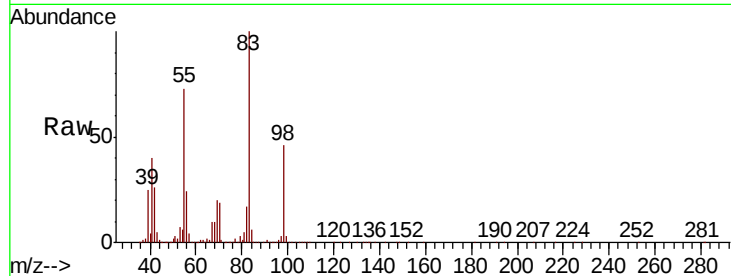




#39
Methvlcvclohexane
Concen: 48.321 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

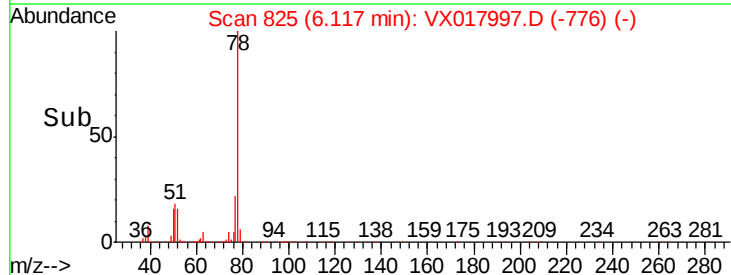
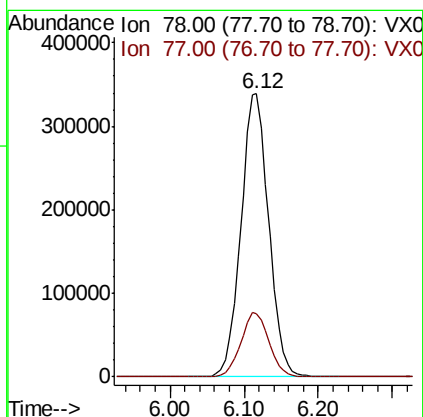
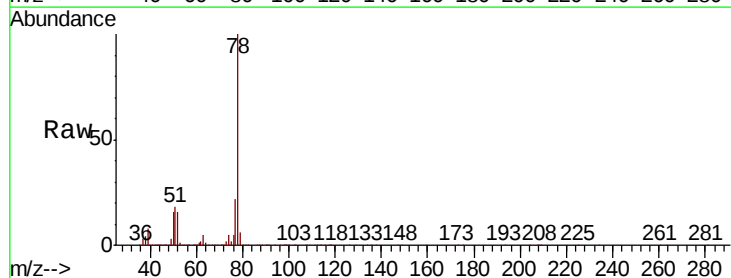
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

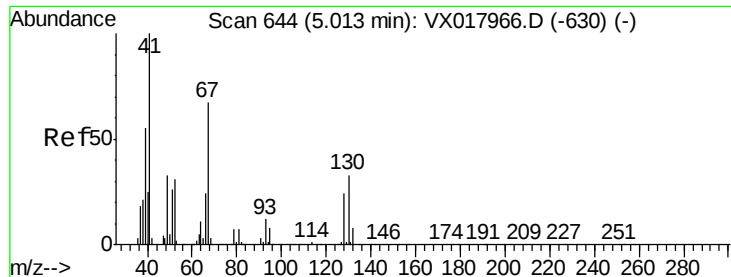
Tot Ion	Ratio	Lower	Upper
83	100		
55	72.6	64.5	96.7
98	45.9	39.0	58.6



#40
Benzene
Concen: 51.086 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.2	18.8	28.2

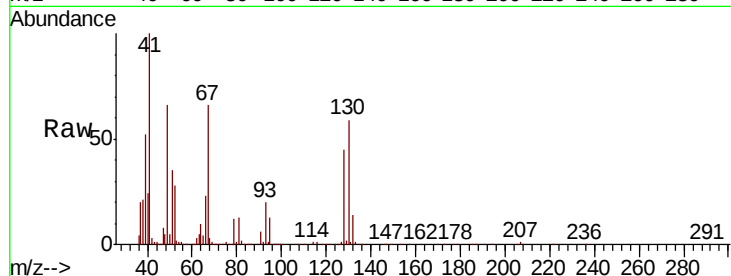




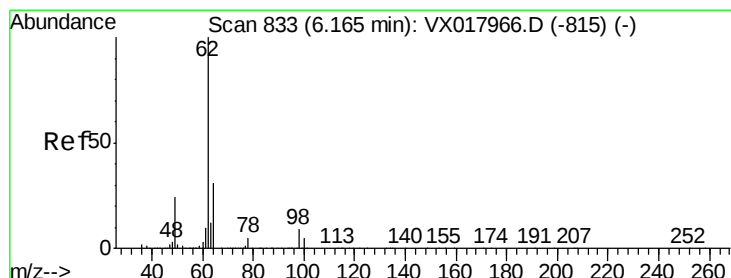
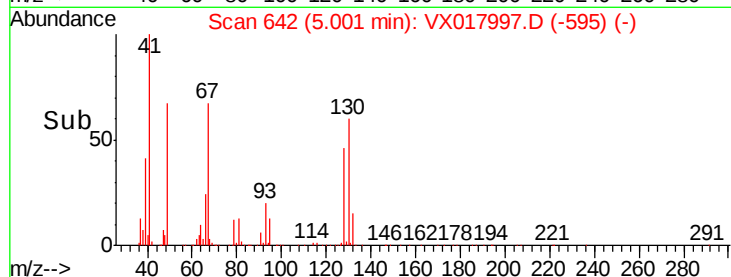
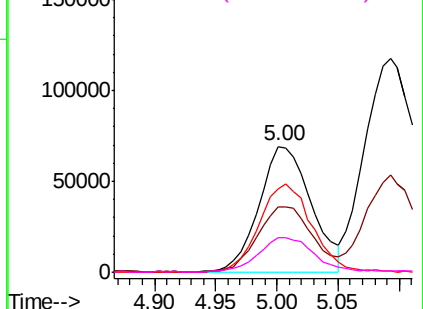
#41
Methacrylonitrile
Concen: 51.775 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	204664
Ion	Ratio	Lower	Upper
41	100		
39	55.2	44.8	67.2
67	71.1	57.5	86.3
52	28.8	25.6	38.4

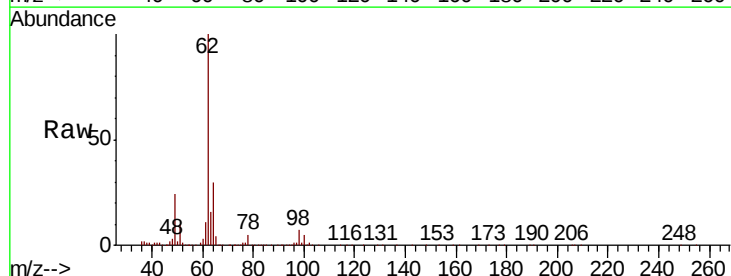


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

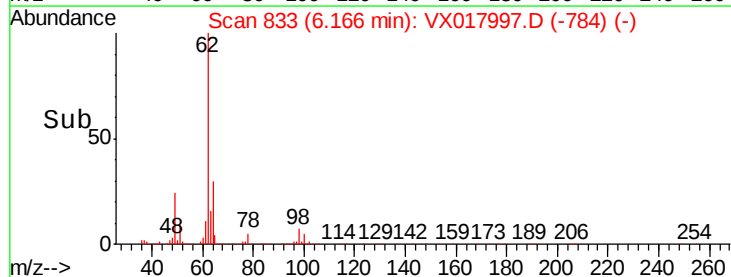
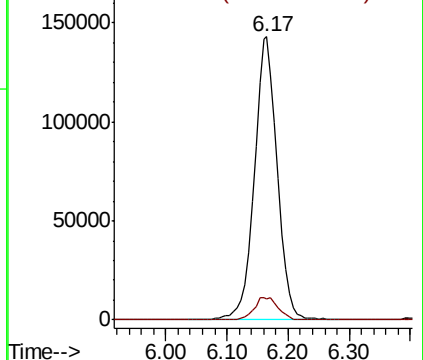


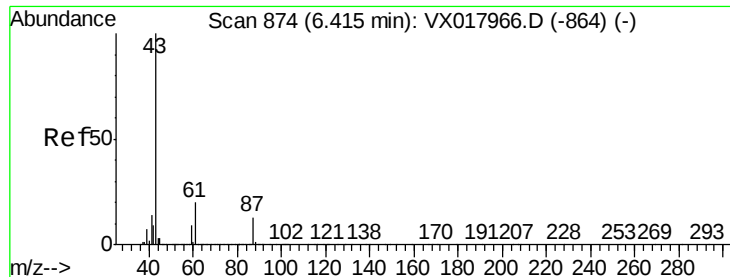
#42
1,2-Dichloroethane
Concen: 50.910 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion:	62	Resp:	375441
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2



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



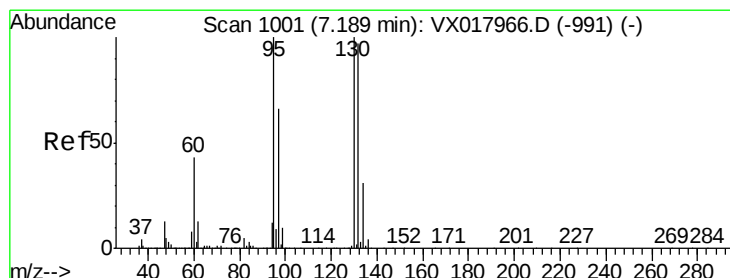
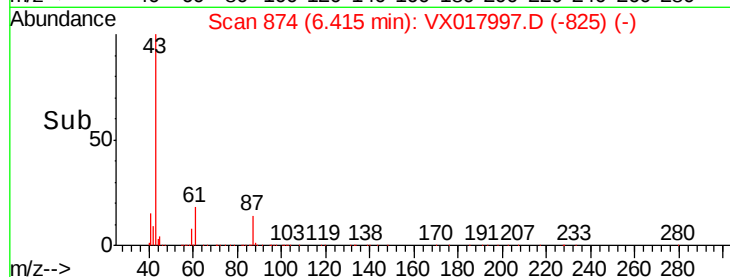
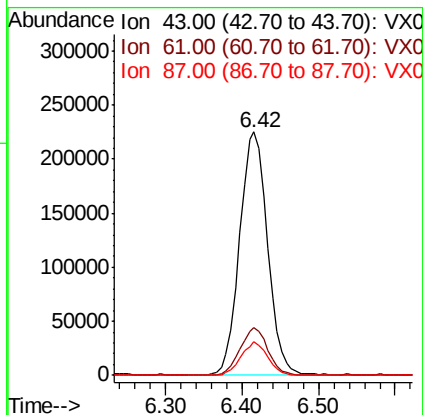
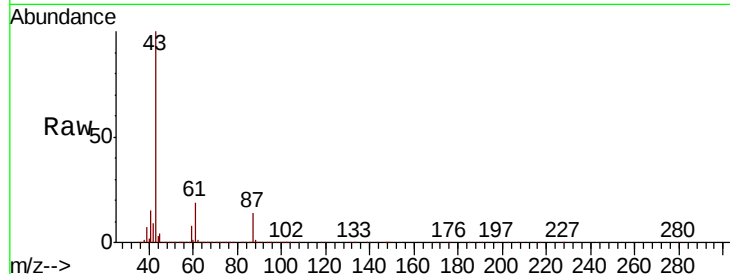


#43

Isopropyl Acetate
 Concen: 50.755 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

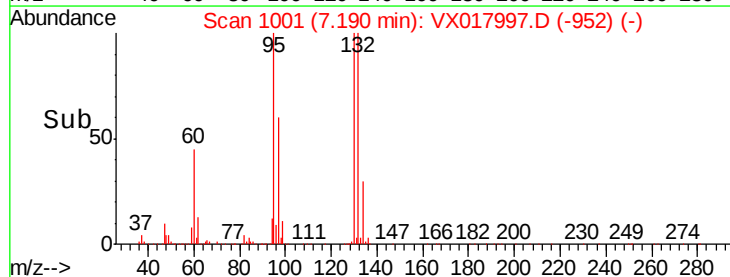
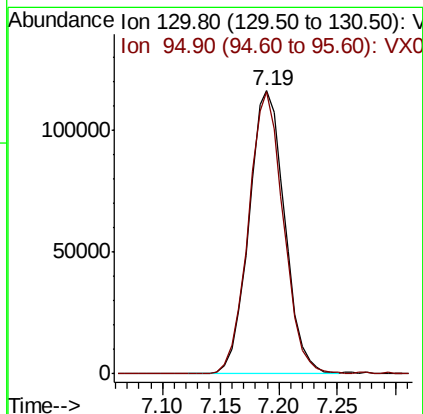
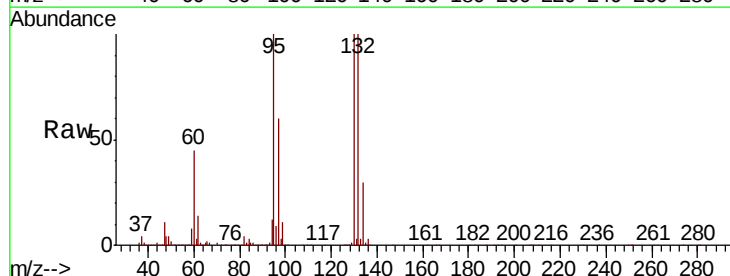
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	16.2	24.4
87	13.2	10.8	16.2

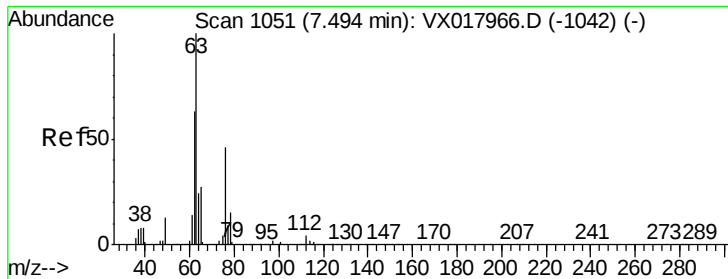


#44

Trichloroethene
 Concen: 48.260 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	200.6





#45

1,2-Dichloropropane

Concen: 51.158 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

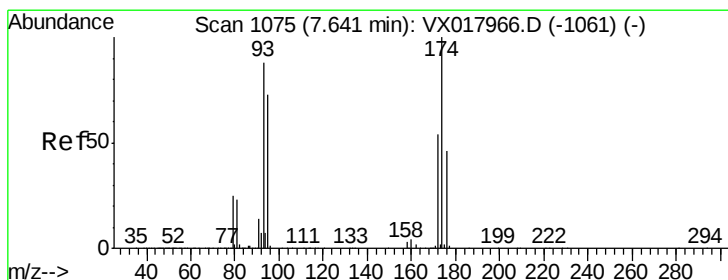
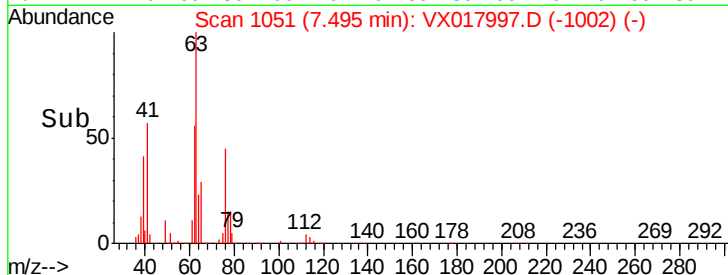
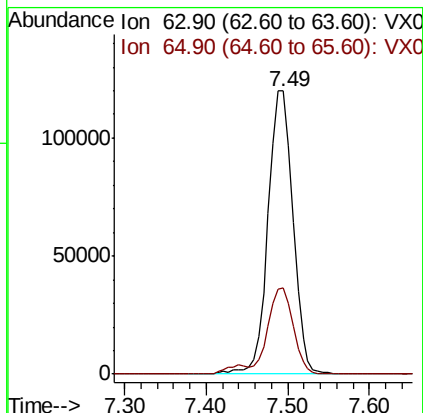
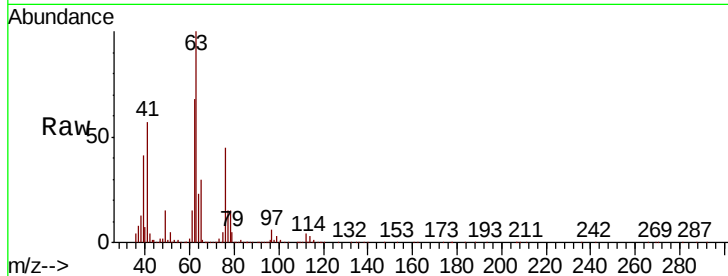
VSTDCCC050

Tot Ion: 63 Resp: 254475

Ion Ratio Lower Upper

63 100

65 30.3 23.8 35.8



#46

Dibromomethane

Concen: 51.085 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

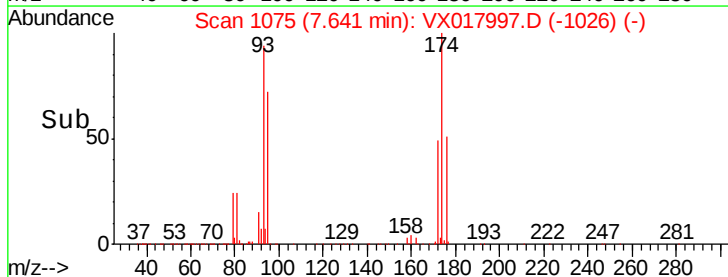
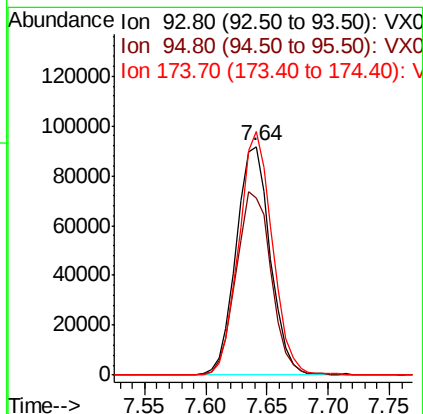
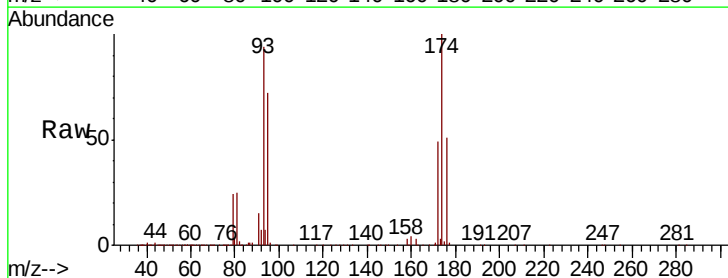
Tgt Ion: 93 Resp: 177350

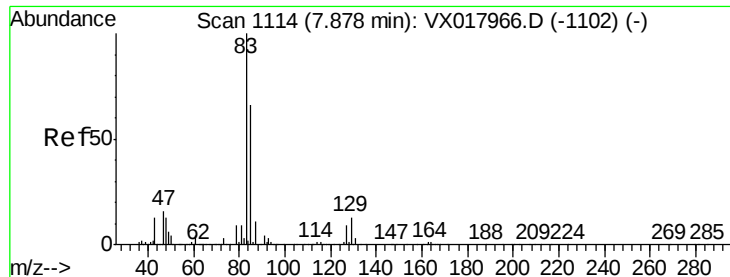
Ion Ratio Lower Upper

93 100

95 83.0 66.8 100.2

174 105.1 88.3 132.5





#47

Bromodichloromethane

Concen: 50.183 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

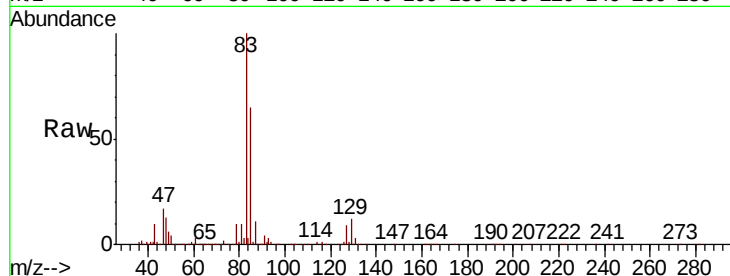
Tot Ion: 83 Resp: 378214

Ion Ratio Lower Upper

83 100

85 64.6 52.4 78.6

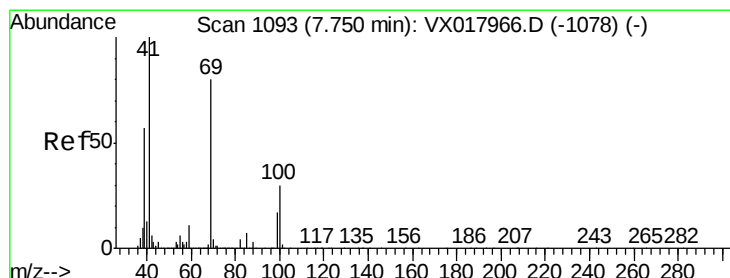
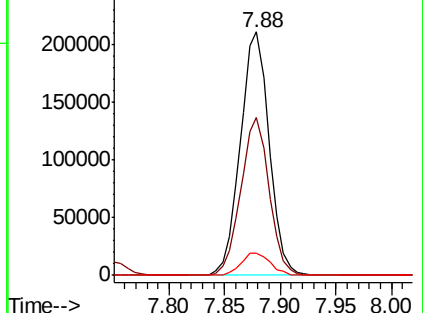
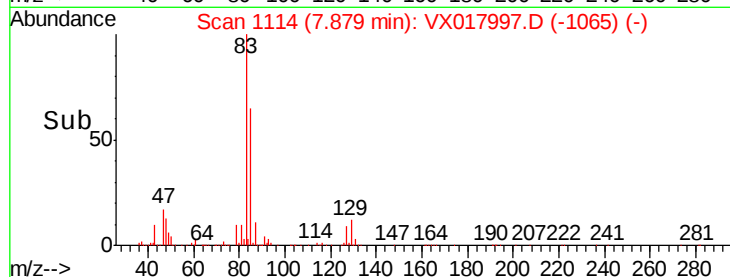
127 9.0 7.0 10.6



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: 52.089 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

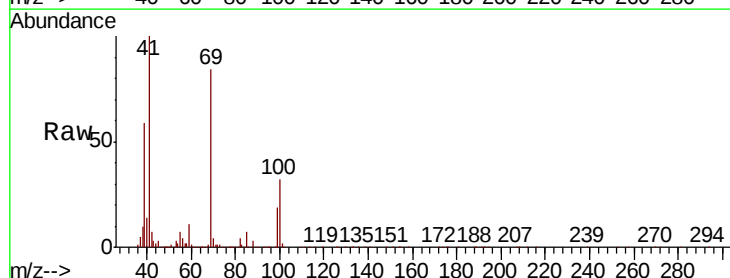
Tgt Ion: 41 Resp: 287493

Ion Ratio Lower Upper

41 100

69 82.2 64.3 96.5

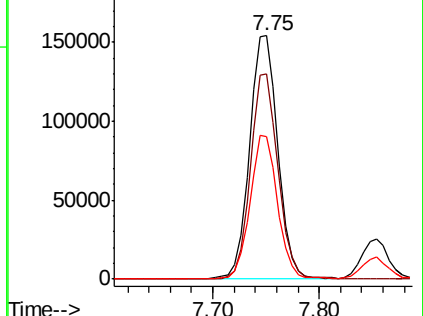
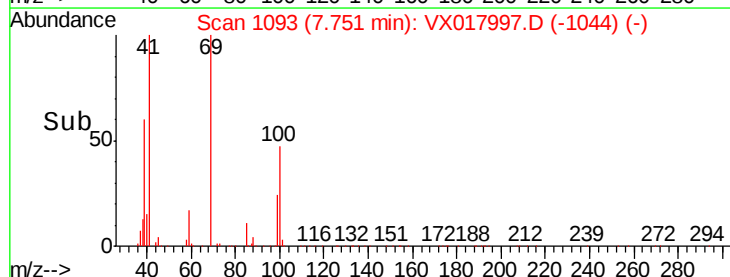
39 57.3 45.3 67.9

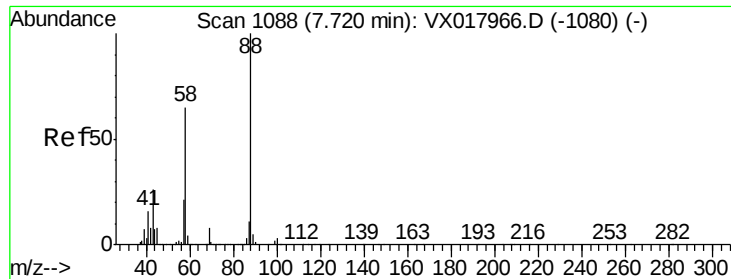


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

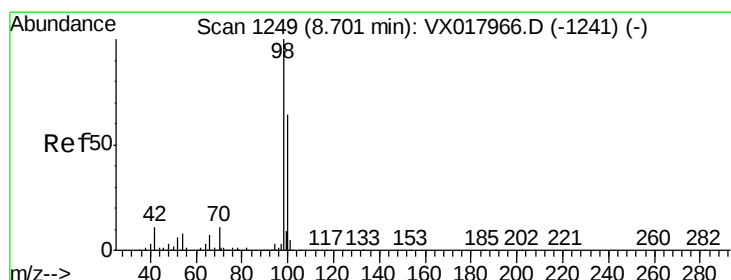
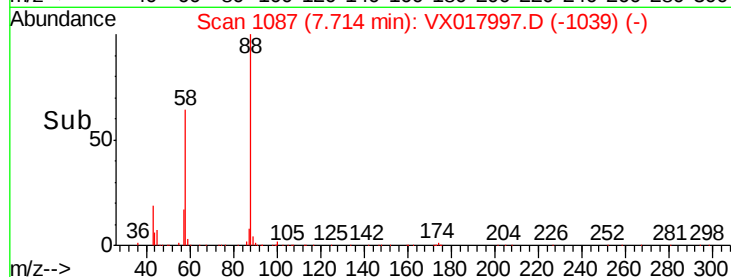
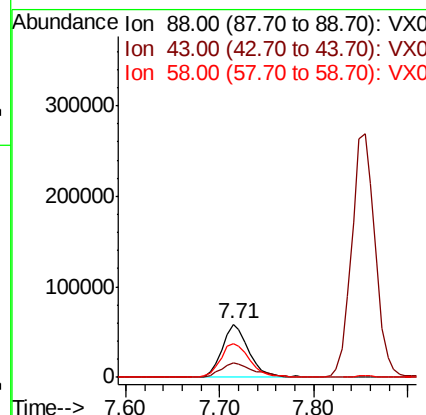
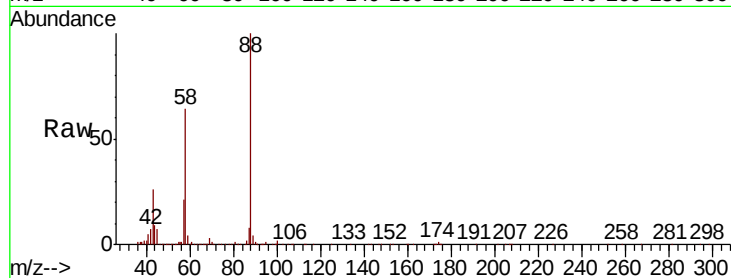




#49
1,4-Dioxane
Concen: 997.108 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

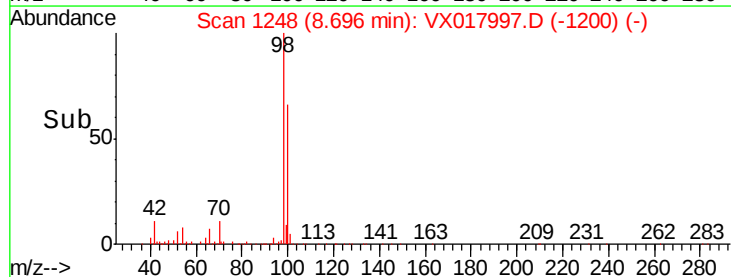
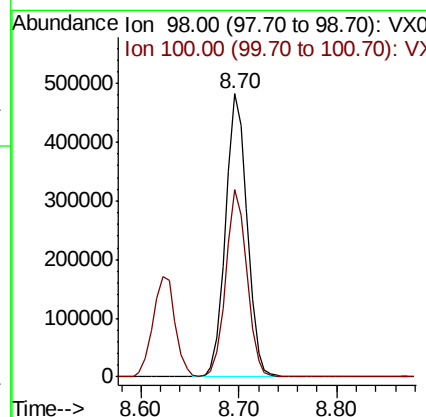
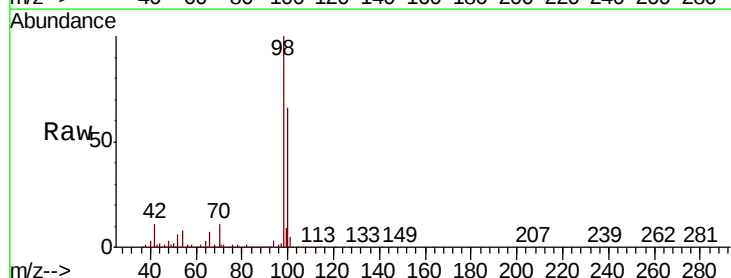
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

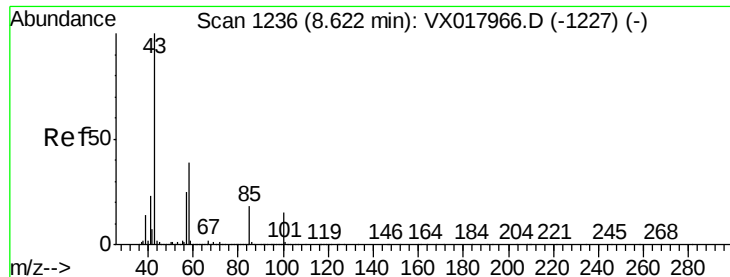
Tot Ion	88	Resp	112667
Ion	Ratio	Lower	Upper
88	100		
43	32.7	27.3	40.9
58	71.5	57.7	86.5



#50
Toluene-d8
Concen: 40.845 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion	98	Resp	740427
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 230.850 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

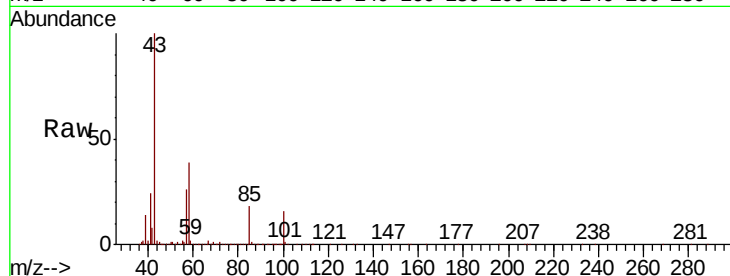
VSTDCCC050

Tot Ion: 43 Resp: 1730449

Ion Ratio Lower Upper

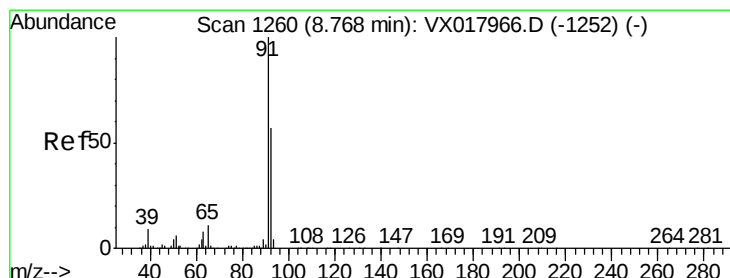
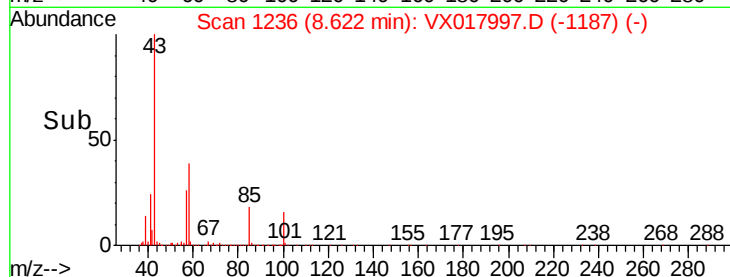
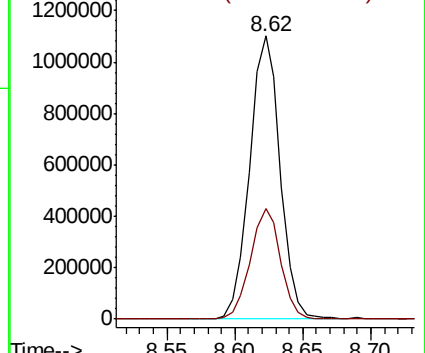
43 100

58 38.6 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 46.144 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX017997.D

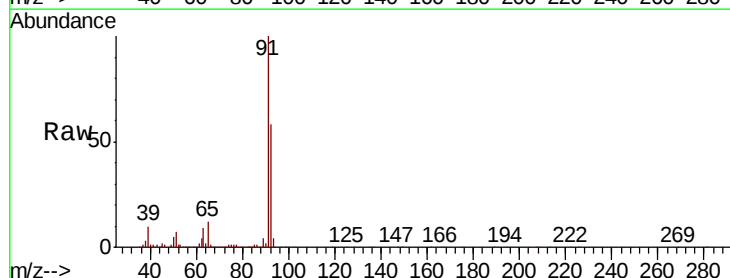
Acq: 19 Aug 2020 20:39

Tgt Ion: 92 Resp: 524128

Ion Ratio Lower Upper

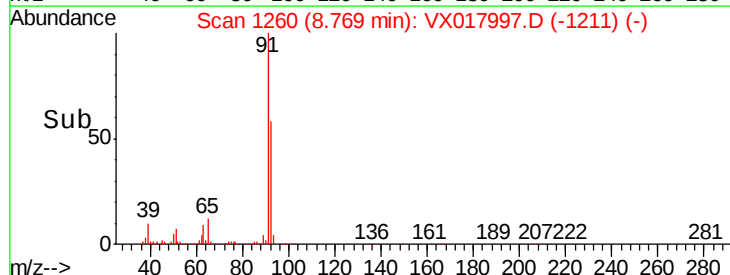
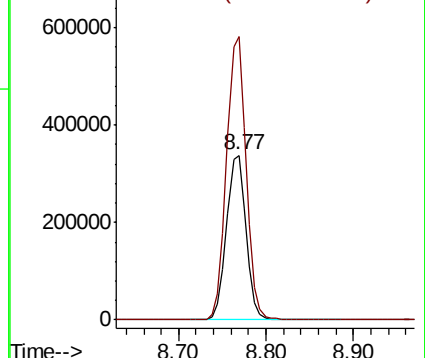
92 100

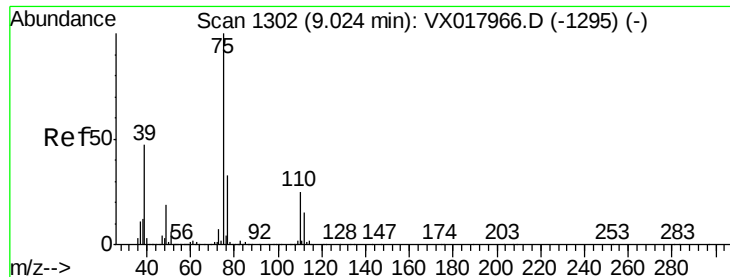
91 171.7 138.4 207.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 46.292 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

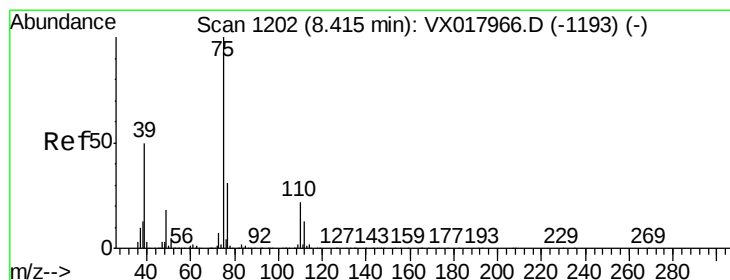
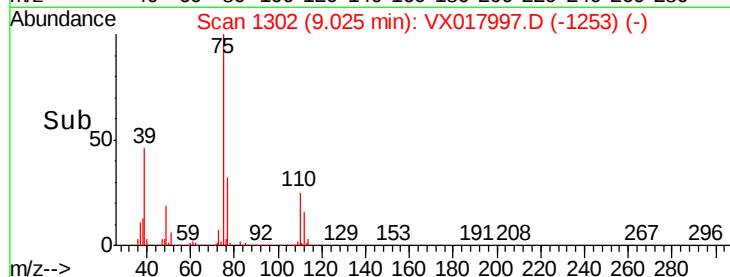
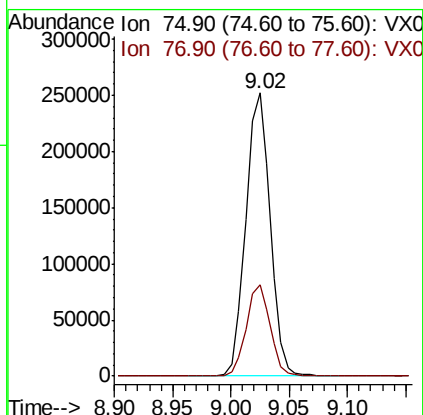
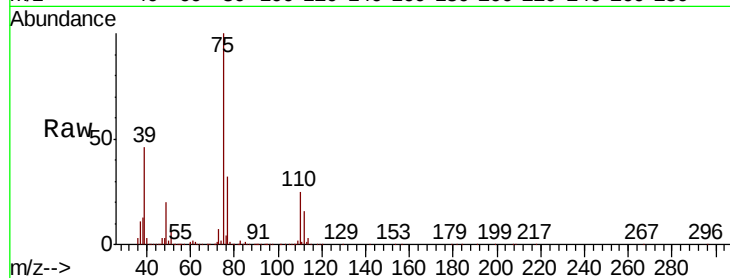
VSTDCCC050

Tot Ion: 75 Resp: 369004

Ion Ratio Lower Upper

75 100

77 32.1 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 47.707 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

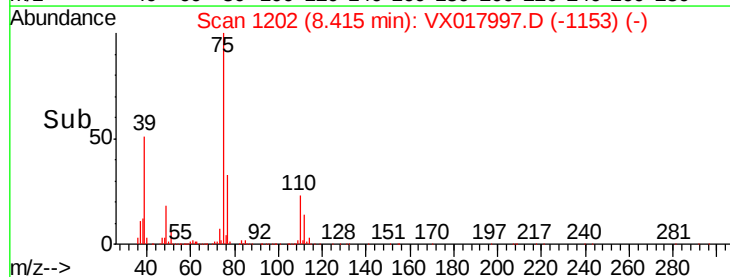
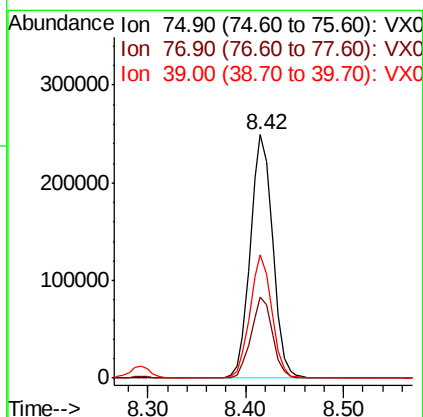
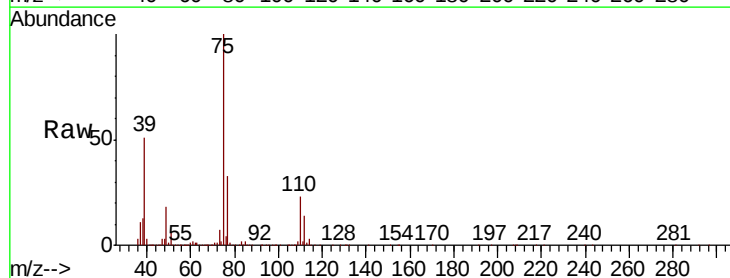
Tgt Ion: 75 Resp: 396506

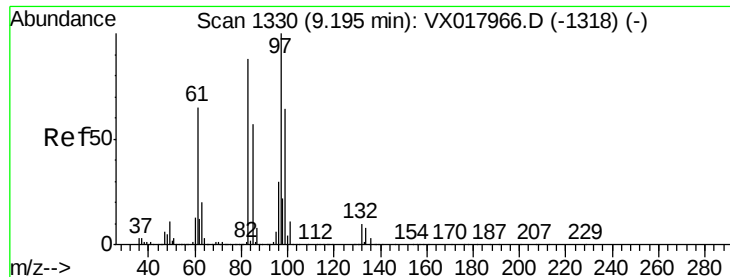
Ion Ratio Lower Upper

75 100

77 33.2 24.6 36.8

39 50.6 39.7 59.5

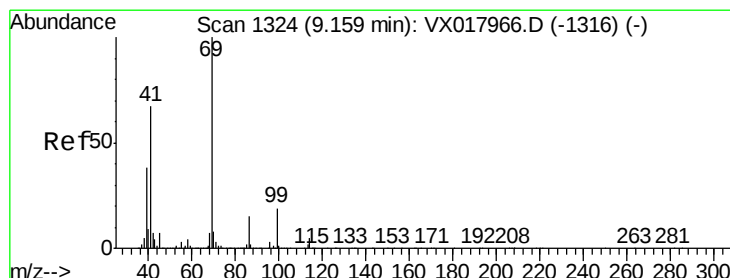
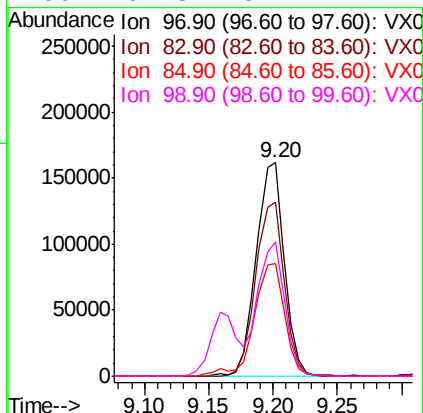
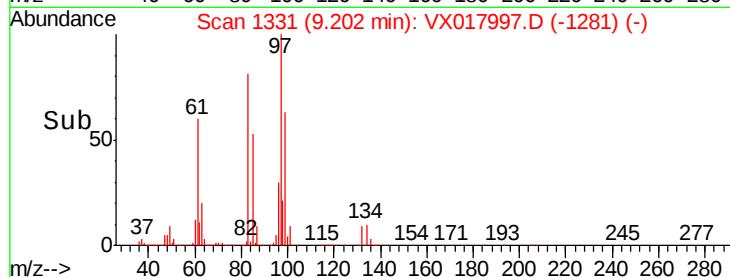
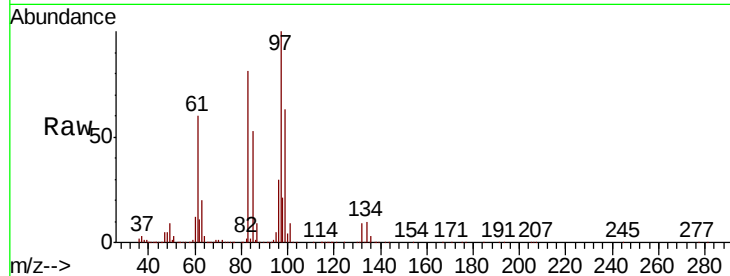




#55
 1,1,2-Trichloroethane
 Concen: 46.621 ug/l
 RT: 9.20 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

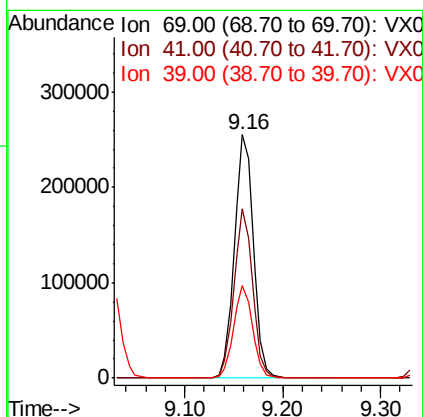
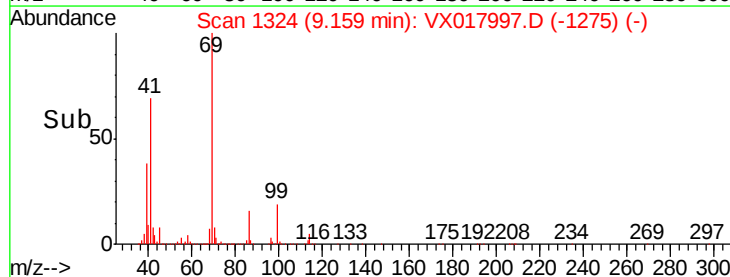
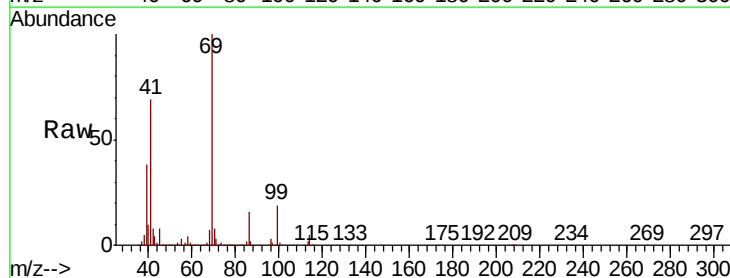
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

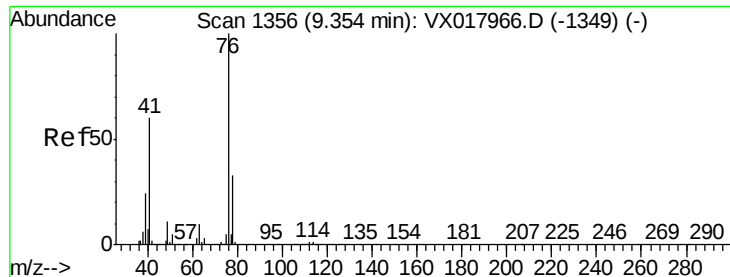
Tot Ion:	97	Resp:	243275
Ion	Ratio	Lower	Upper
97	100		
83	81.6	70.1	105.1
85	52.7	45.8	68.8
99	62.8	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 46.766 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Tgt Ion:	69	Resp:	345032
Ion	Ratio	Lower	Upper
69	100		
41	68.0	52.3	78.5
39	37.7	29.2	43.8





#57

1,3-Dichloropropane

Concen: 49.175 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

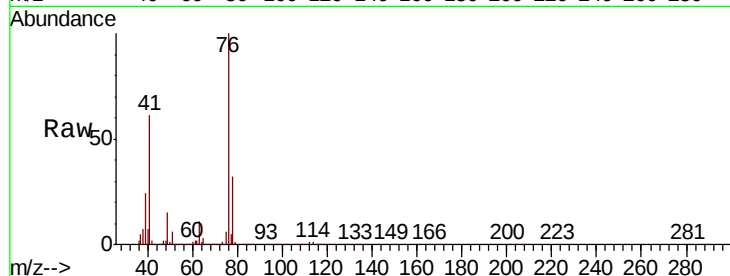
VSTDCCC050

Tot Ion: 76 Resp: 407529

Ion Ratio Lower Upper

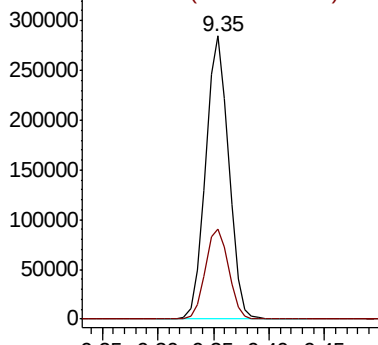
76 100

78 32.4 26.4 39.6

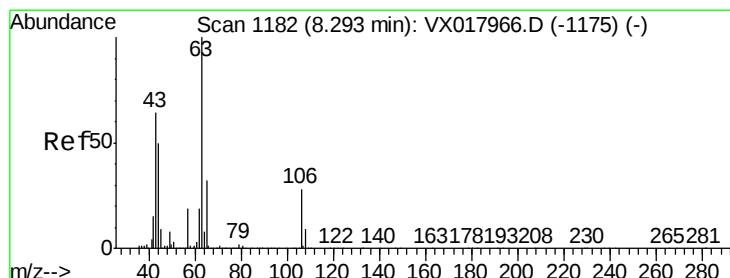
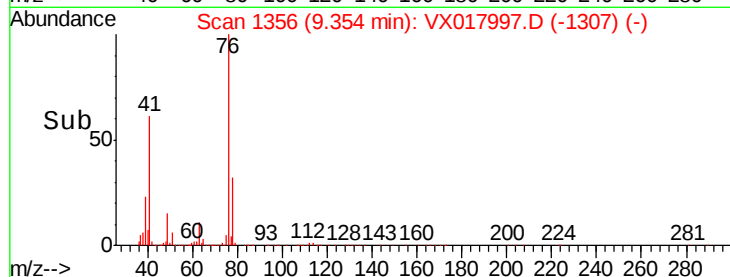


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time--> 9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 232.389 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017997.D

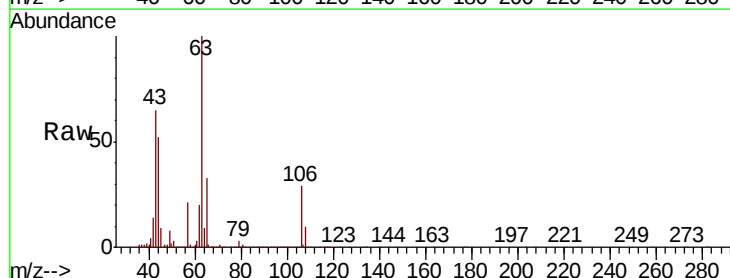
Acq: 19 Aug 2020 20:39

Tgt Ion: 63 Resp: 830267

Ion Ratio Lower Upper

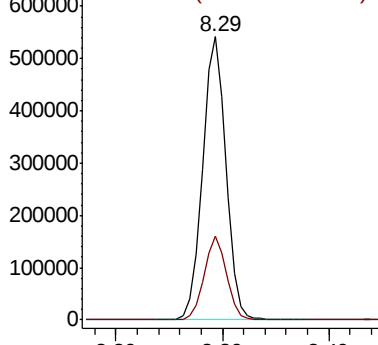
63 100

106 28.5 23.0 34.4

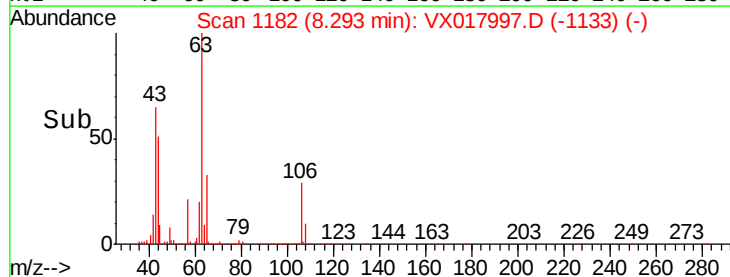


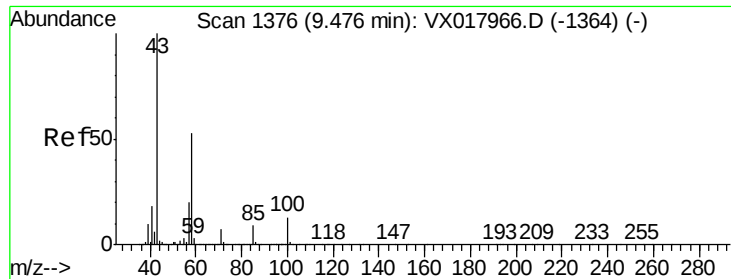
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time--> 8.20 8.30 8.40

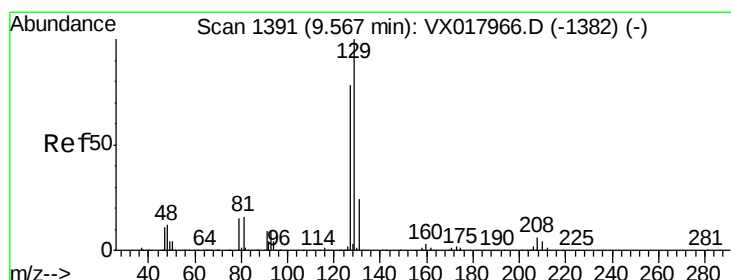
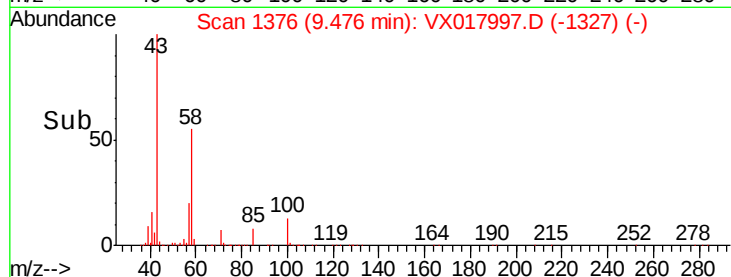
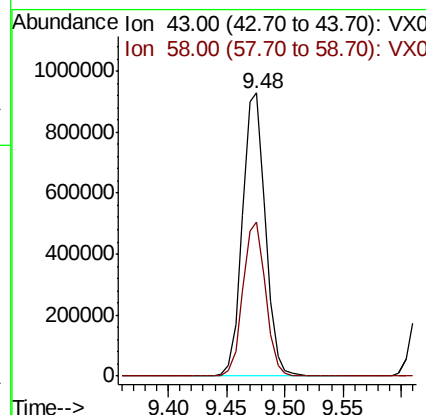
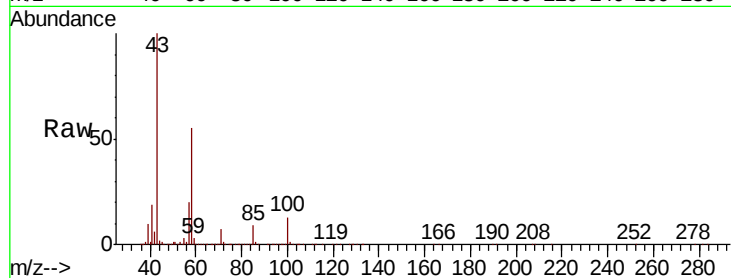




#59
2-Hexanone
Concen: 224.397 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

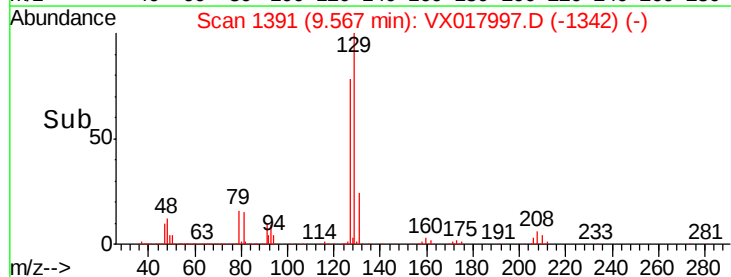
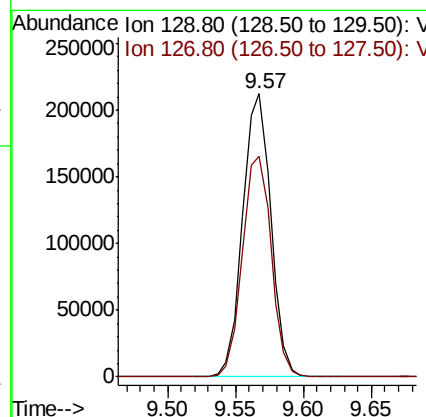
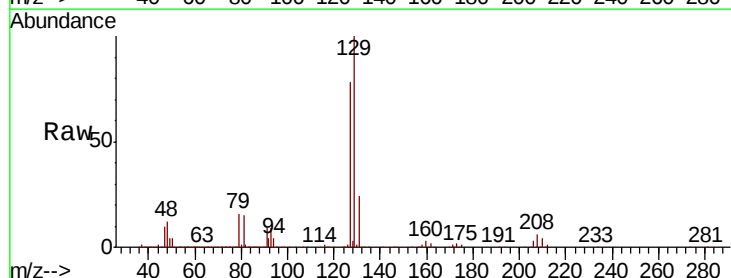
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

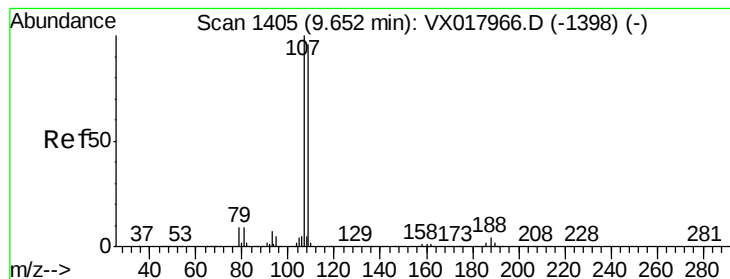
Tot Ion: 43 Resp: 1274577
Ion Ratio Lower Upper
43 100
58 54.1 26.4 79.0



#60
Dibromochloromethane
Concen: 47.227 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion: 129 Resp: 307780
Ion Ratio Lower Upper
129 100
127 79.9 39.5 118.3





#61

1,2-Dibromoethane

Concen: 43.032 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

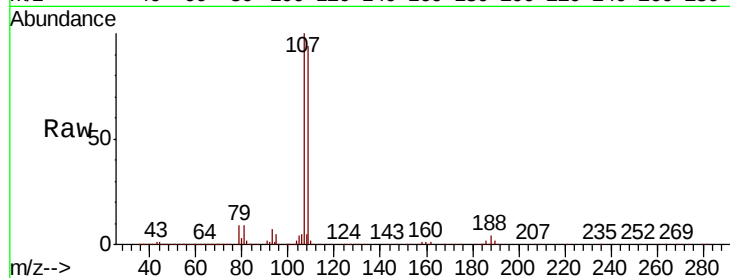
VSTDCCC050

Tot Ion: 107 Resp: 248722

Ion Ratio Lower Upper

107 100

109 96.7 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

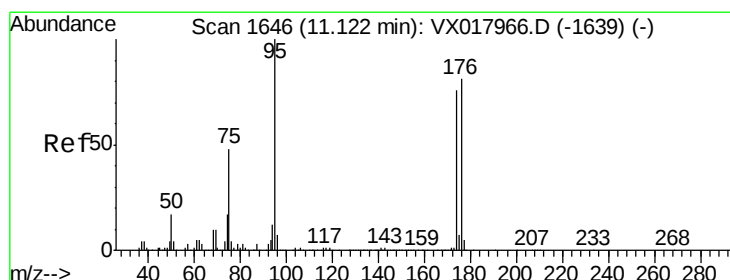
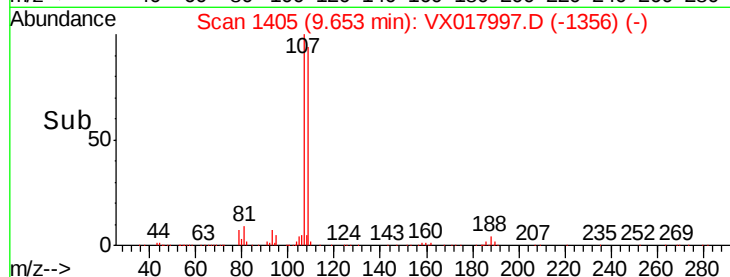
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70



#62

4-Bromofluorobenzene

Concen: 45.118 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

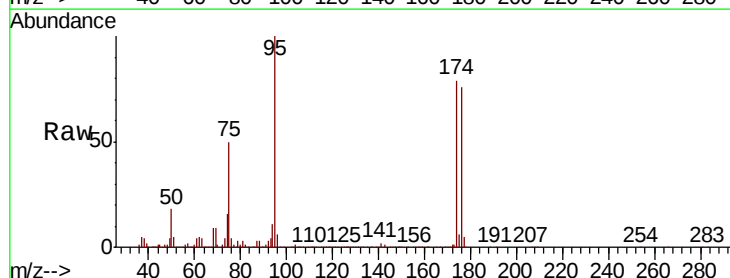
Tgt Ion: 95 Resp: 302079

Ion Ratio Lower Upper

95 100

174 84.6 0.0 166.0

176 81.4 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

11.12

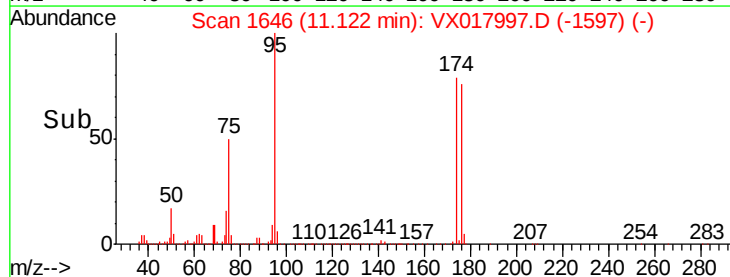
300000

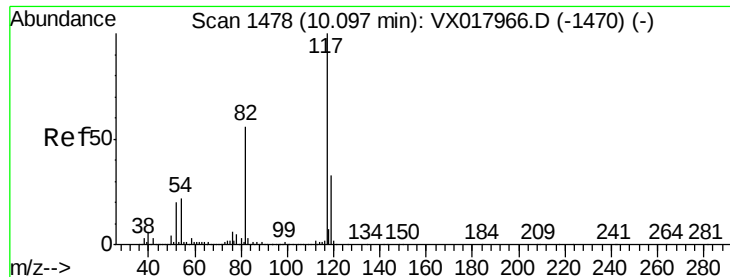
200000

100000

0

Time--> 11.10 11.20

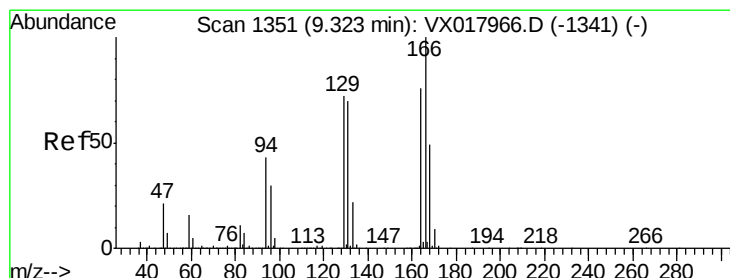
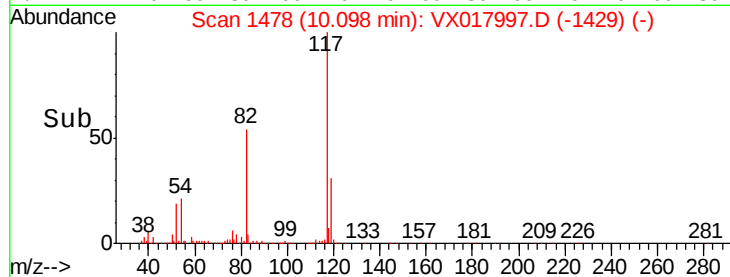
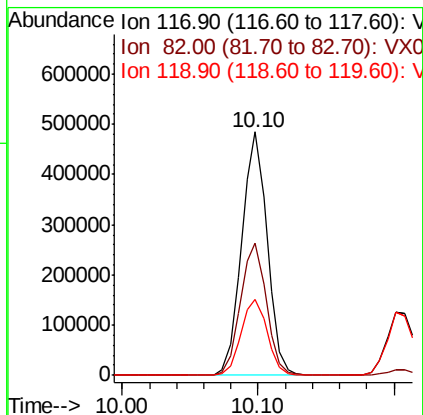
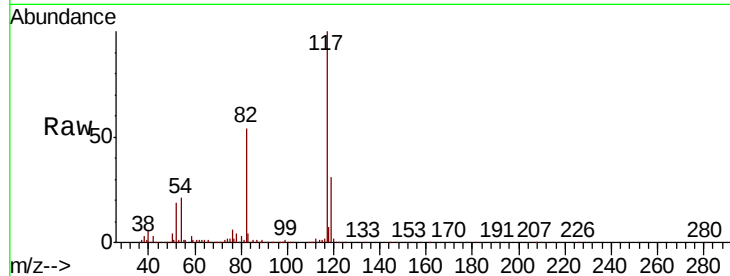




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

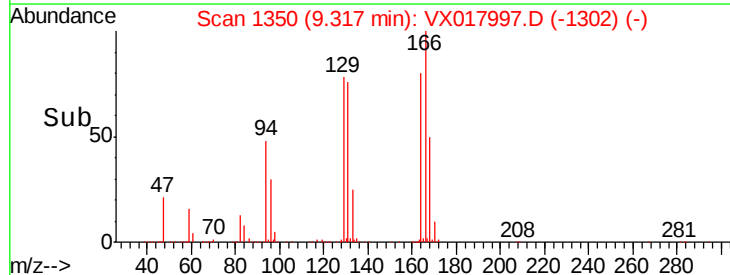
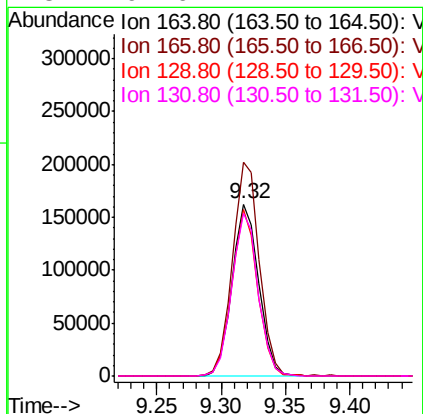
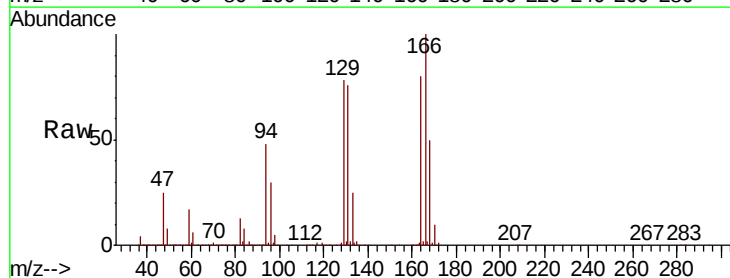
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

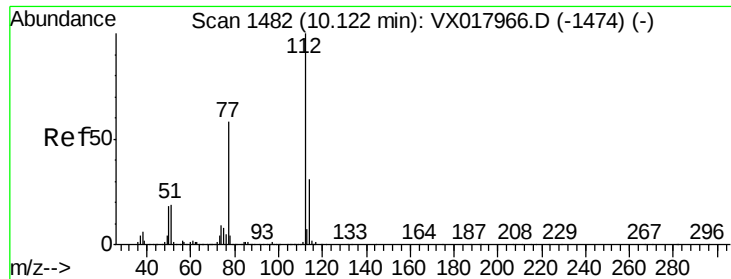
Tot Ion:117 Resp: 635132
Ion Ratio Lower Upper
117 100
82 54.2 44.6 66.8
119 31.3 26.2 39.4



#64
Tetrachloroethene
Concen: 48.387 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion:164 Resp: 234697
Ion Ratio Lower Upper
164 100
166 124.5 105.7 158.5
129 96.8 75.8 113.8
131 94.6 74.2 111.4

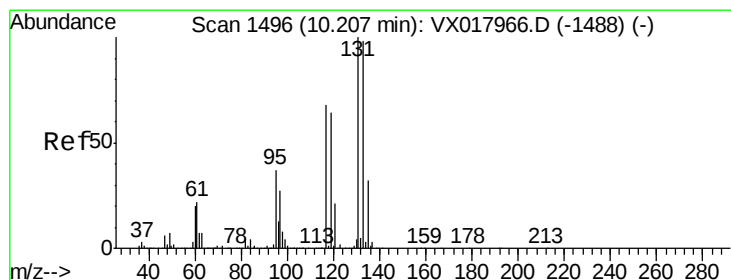
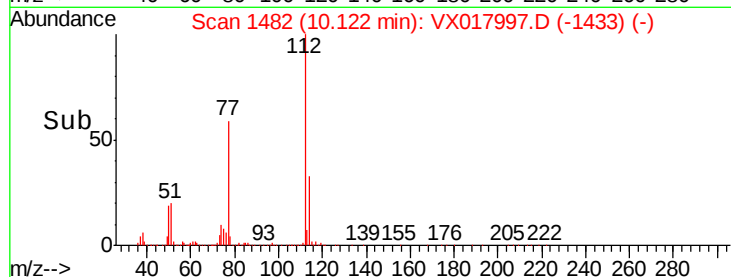
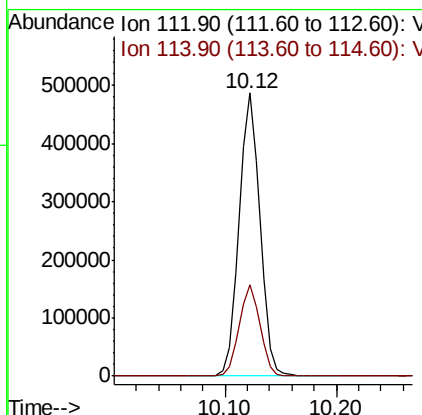
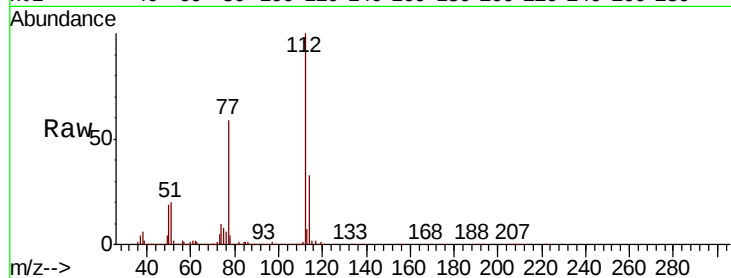




#65
Chlorobenzene
Concen: 50.081 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

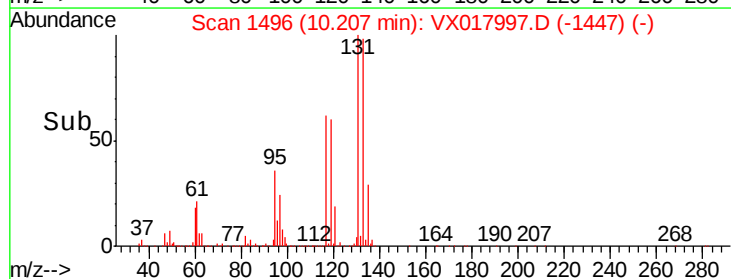
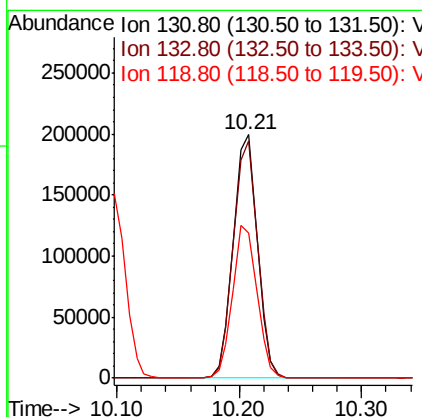
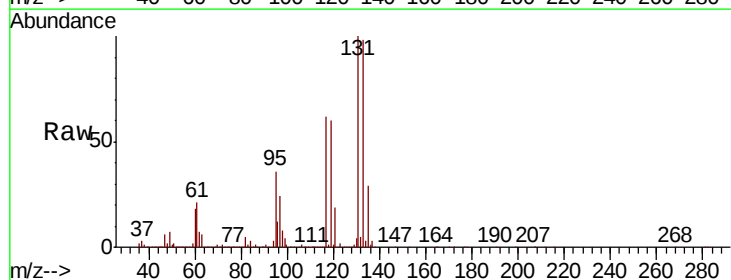
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

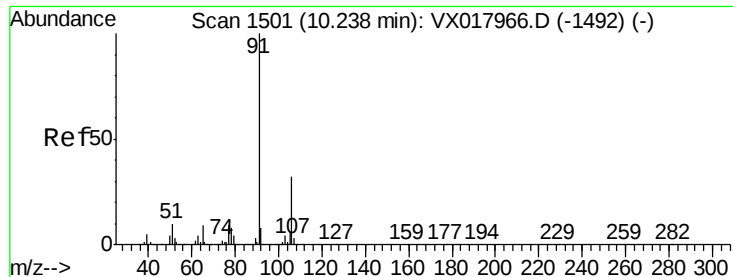
Tot Ion:112 Resp: 631388
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.812 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion:131 Resp: 270980
Ion Ratio Lower Upper
131 100
133 98.7 48.4 145.3
119 63.4 31.6 94.8

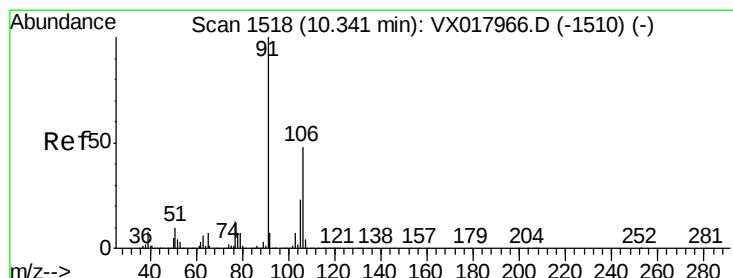
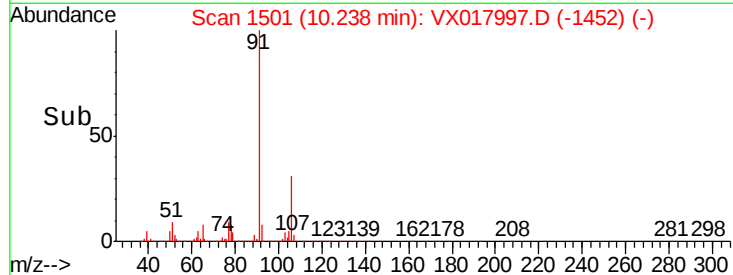
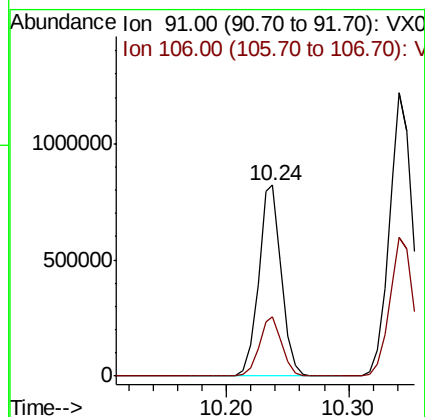
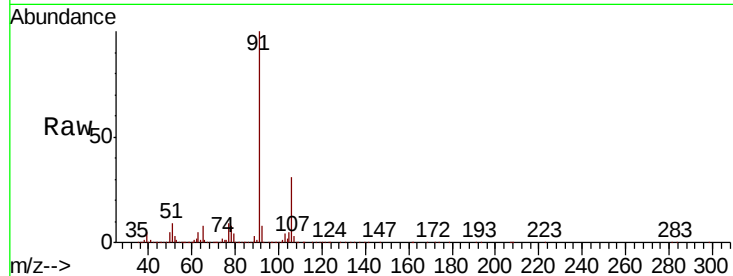




#67
Ethyl Benzene
Concen: 51.100 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

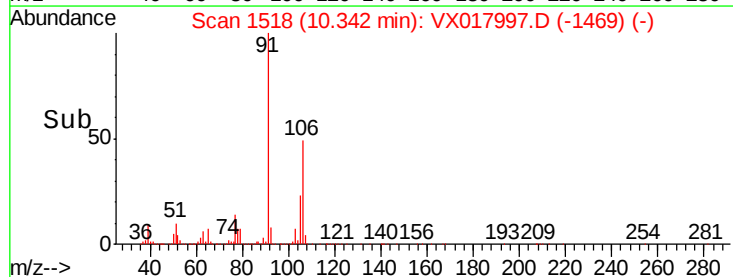
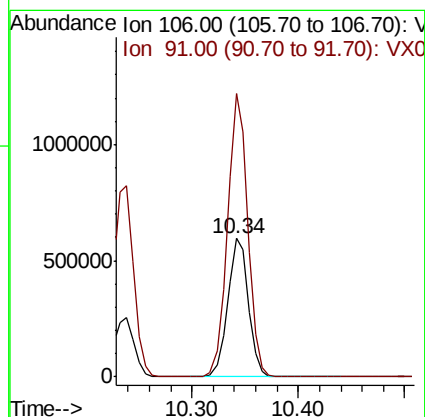
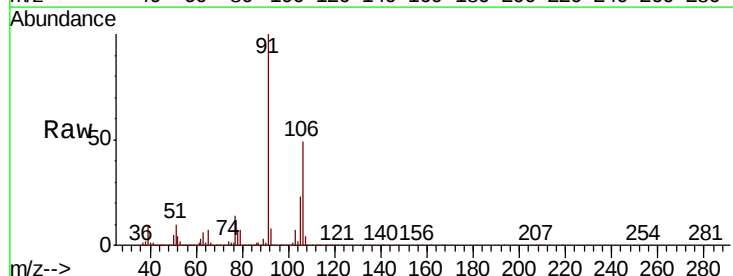
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

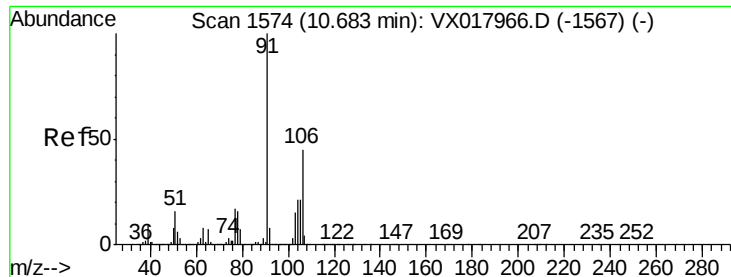
Tot Ion: 91 Resp: 1062045
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0



#68
m/p-Xylenes
Concen: 100.553 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion: 106 Resp: 804555
Ion Ratio Lower Upper
106 100
91 201.1 167.4 251.2

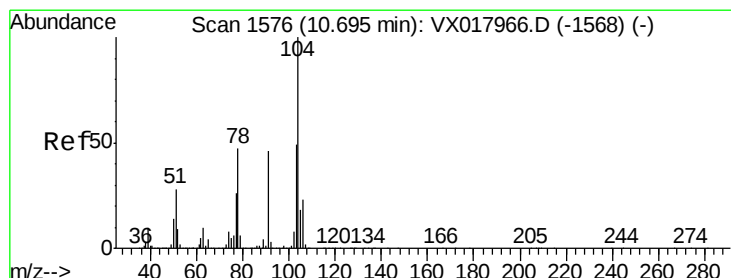
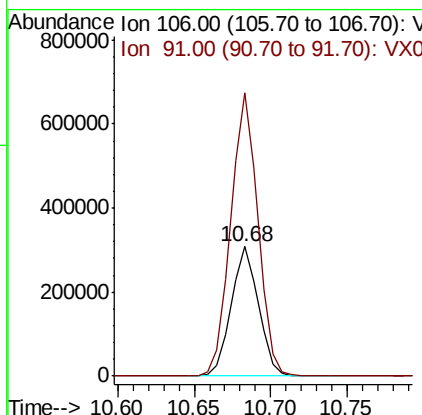
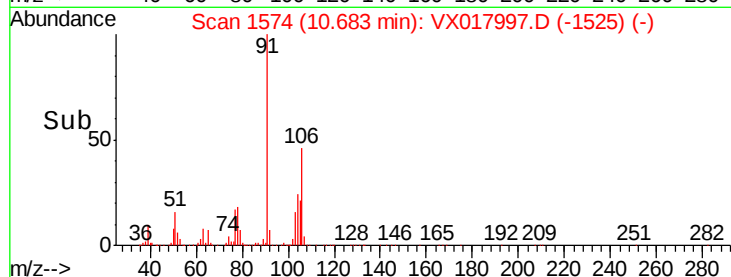
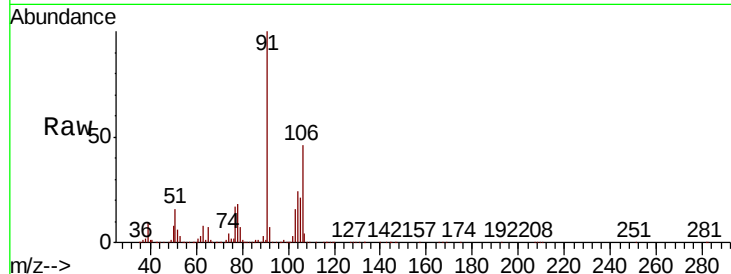




#69
o-Xylene
Concen: 49.563 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

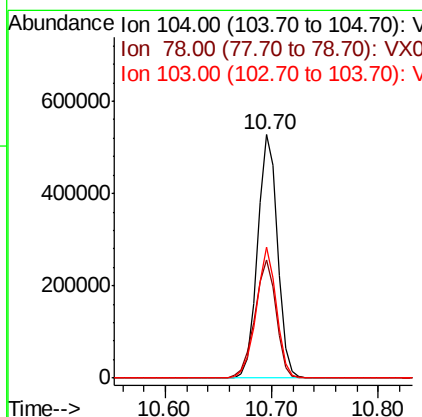
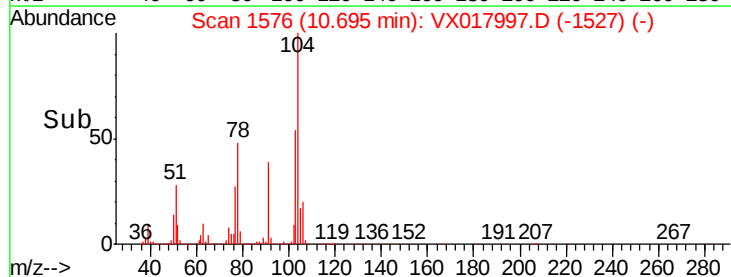
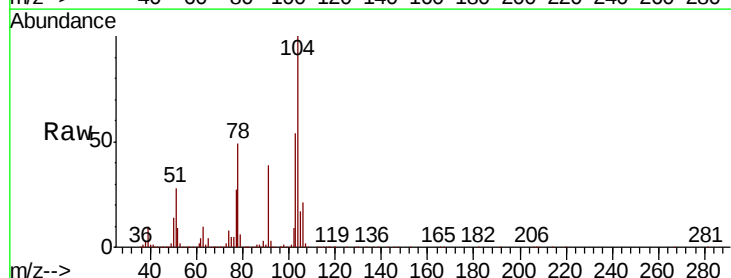
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

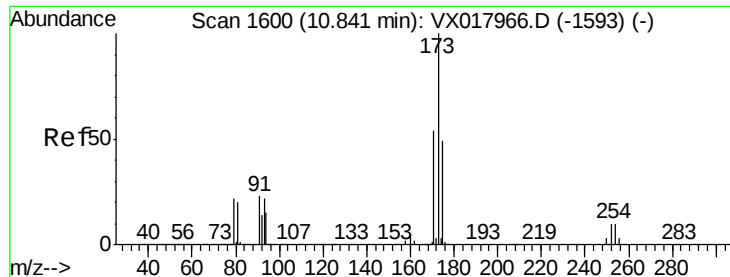
Tot Ion:106 Resp: 382416
Ion Ratio Lower Upper
106 100
91 216.8 108.1 324.2



#70
Styrene
Concen: 52.191 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion:104 Resp: 694734
Ion Ratio Lower Upper
104 100
78 52.2 41.3 61.9
103 54.5 42.9 64.3





#71

Bromoform

Concen: 51.337 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

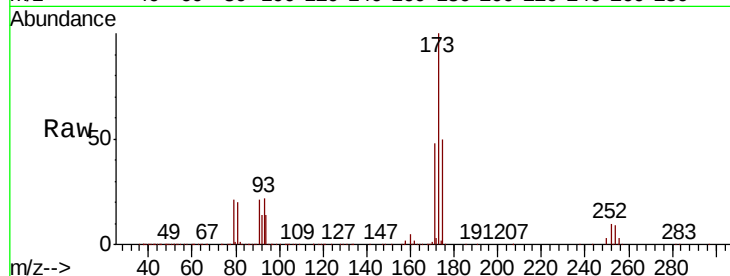
Tot Ion:173 Resp: 245734

Ion Ratio Lower Upper

173 100

175 49.3 24.4 73.2

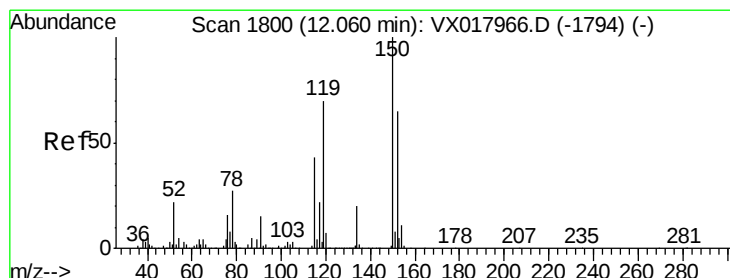
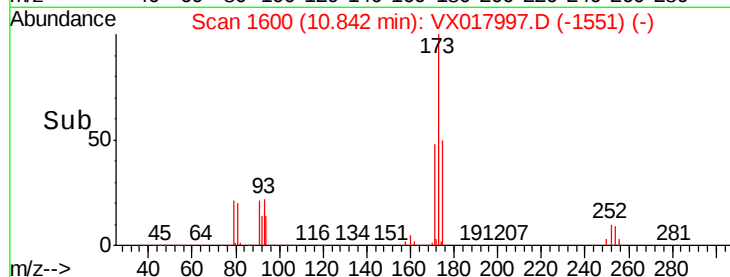
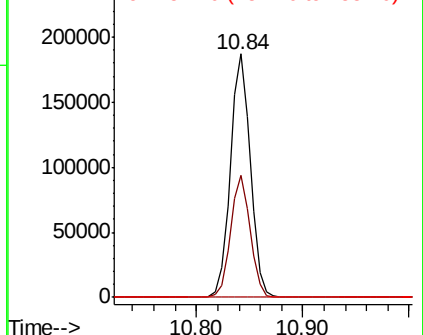
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

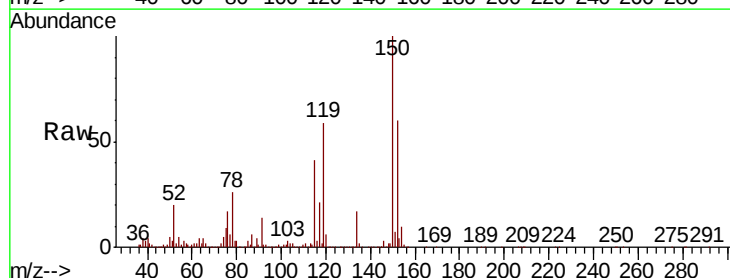
Tgt Ion:152 Resp: 326868

Ion Ratio Lower Upper

152 100

115 82.8 40.6 121.7

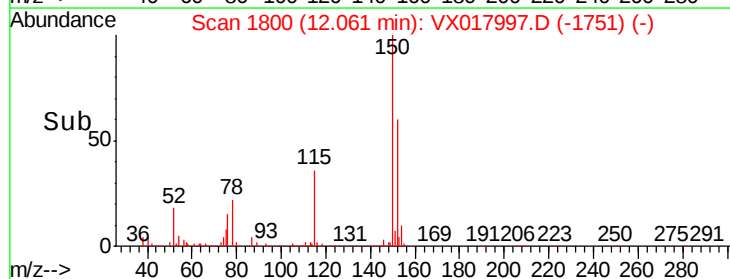
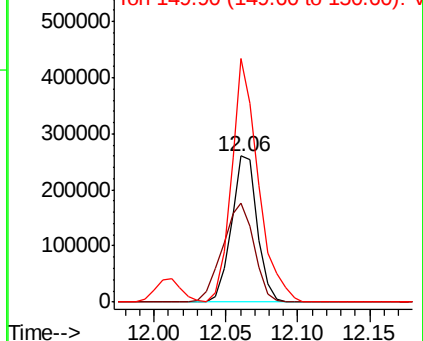
150 171.5 0.0 346.4

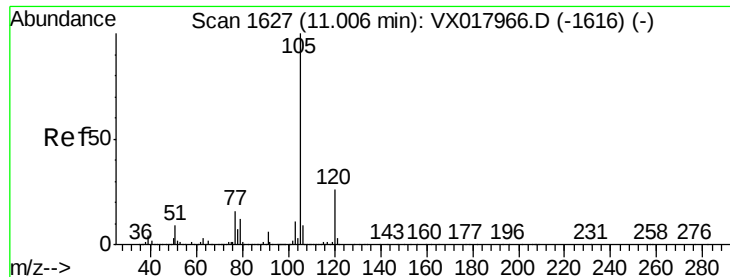


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.732 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

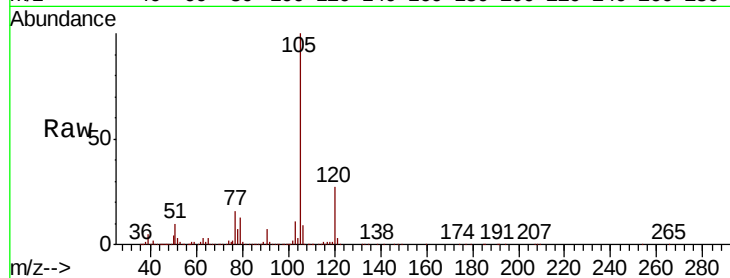
VSTDCCC050

Tot Ion:105 Resp: 1088384

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

800000

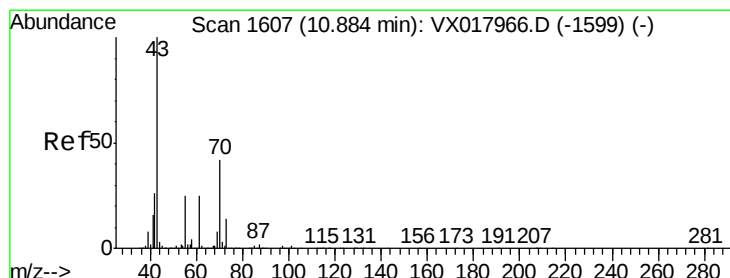
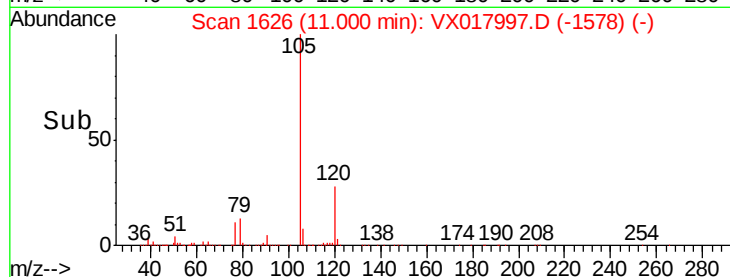
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 51.276 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Tgt Ion: 43 Resp: 479838

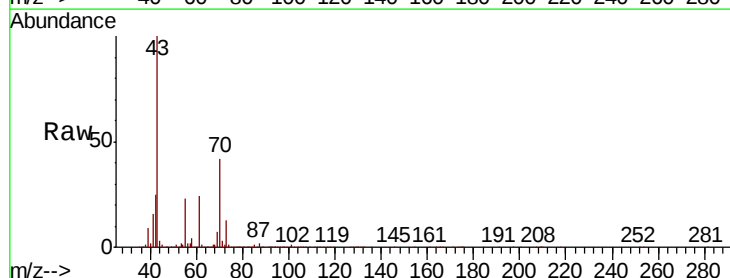
Ion Ratio Lower Upper

43 100

70 42.3 32.9 49.3

55 24.6 19.3 28.9

61 24.0 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

600000

500000

400000

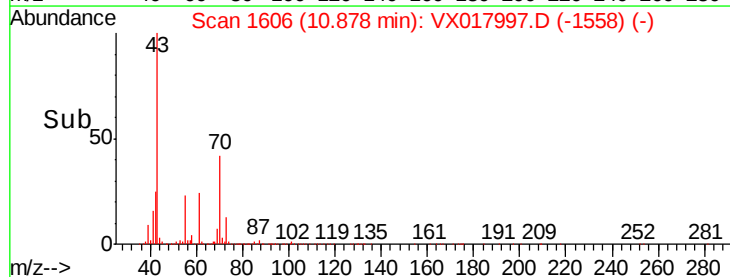
300000

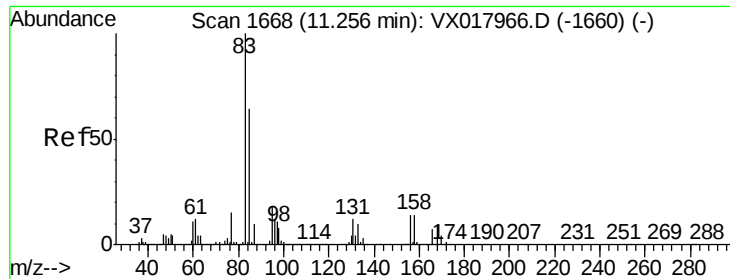
200000

100000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 48.886 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

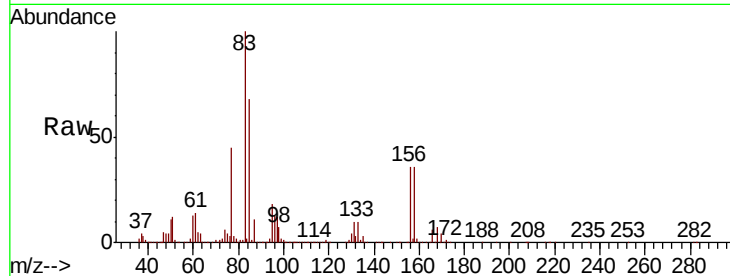
Tot Ion: 83 Resp: 358794

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.0

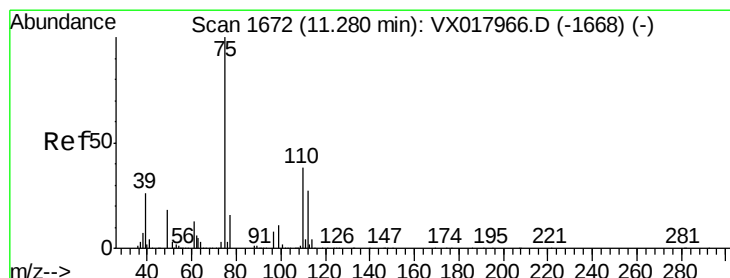
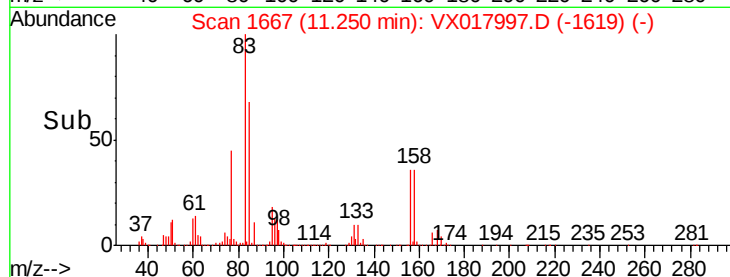
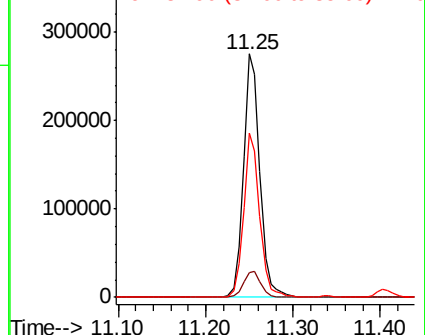
85 66.1 32.2 96.6



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: 68.140 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017997.D

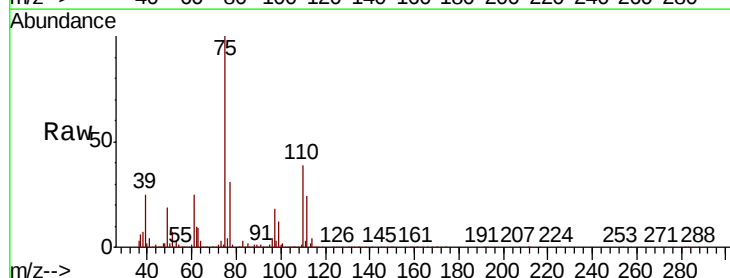
Acq: 19 Aug 2020 20:39

Tgt Ion: 75 Resp: 473658

Ion Ratio Lower Upper

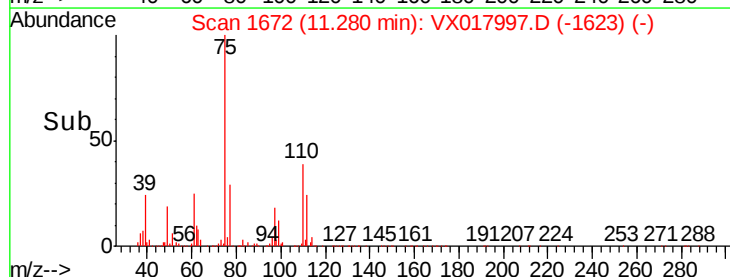
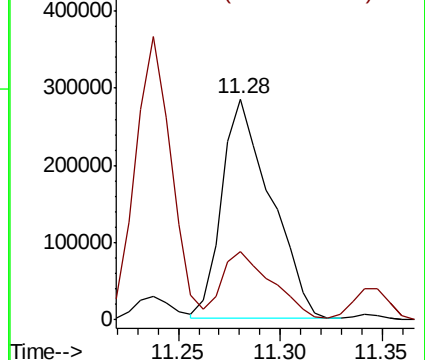
75 100

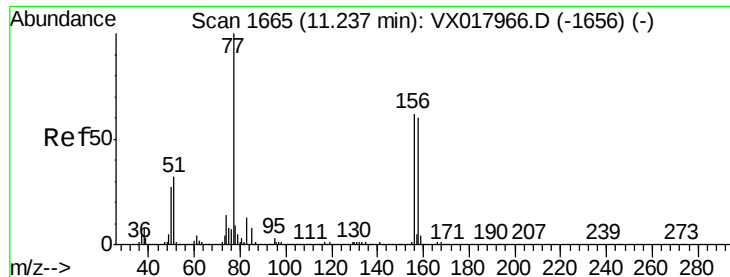
77 31.6 21.1 63.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.327 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

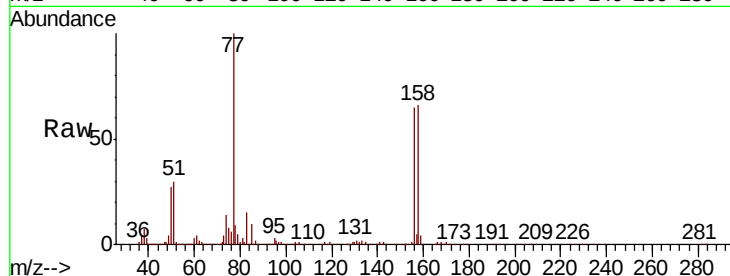
Tot Ion:156 Resp: 293765

Ion Ratio Lower Upper

156 100

77 153.2 78.0 234.0

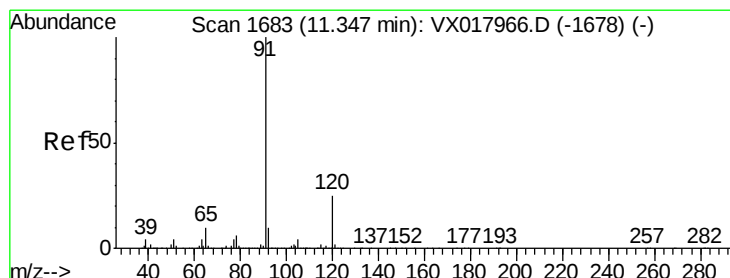
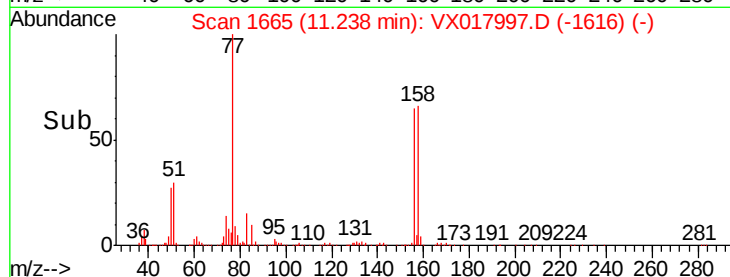
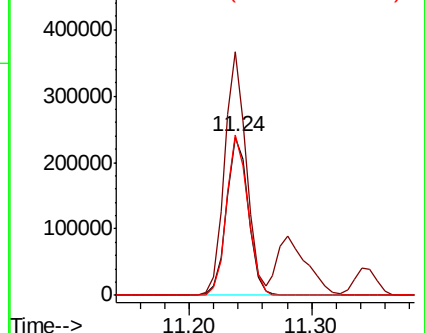
158 99.6 49.2 147.6



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: 50.591 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX017997.D

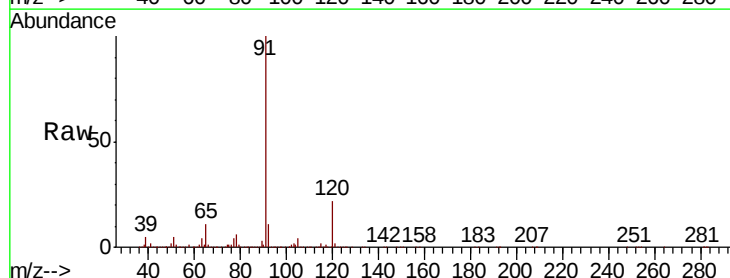
Acq: 19 Aug 2020 20:39

Tgt Ion: 91 Resp: 1244903

Ion Ratio Lower Upper

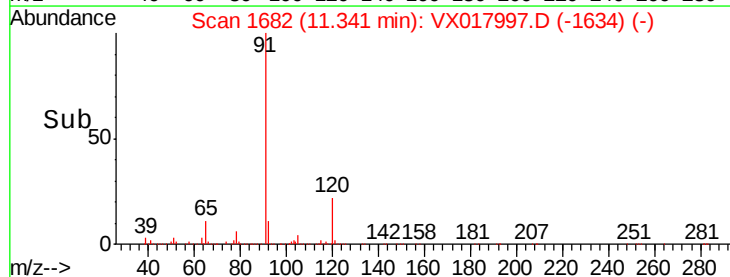
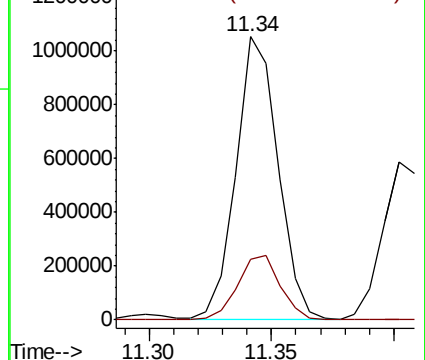
91 100

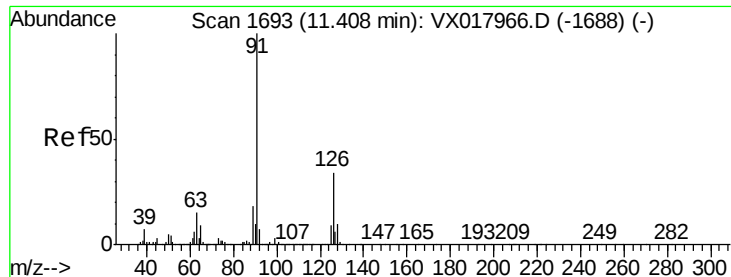
120 23.4 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

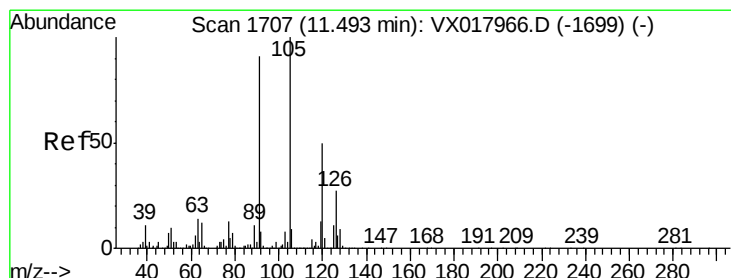
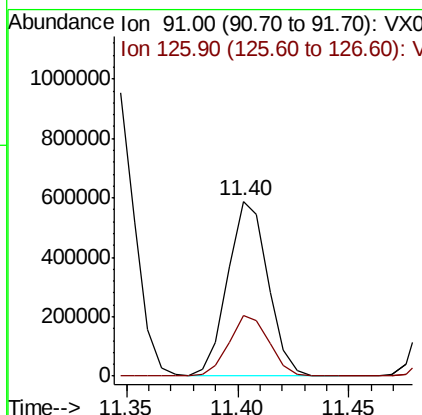
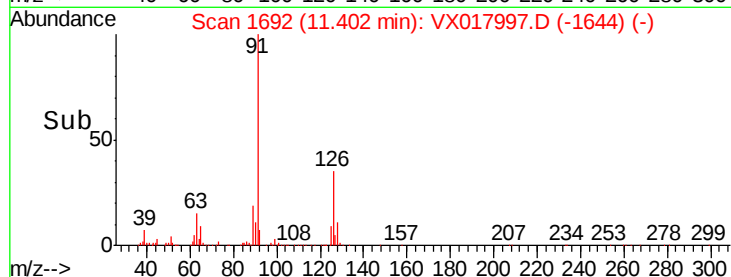
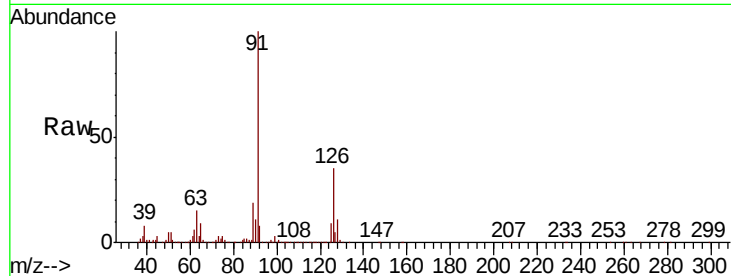




#79
 2-Chlorotoluene
 Concen: 49.205 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

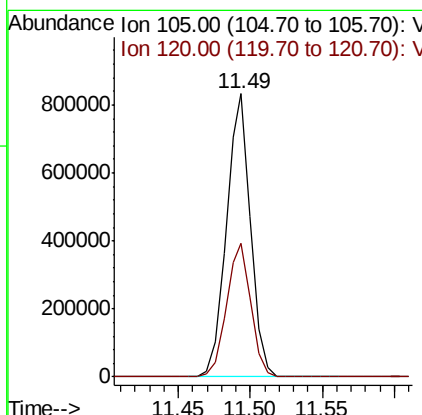
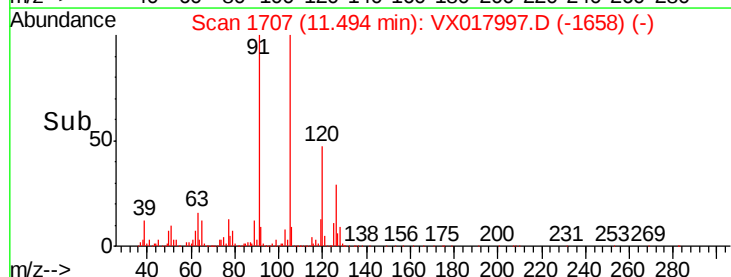
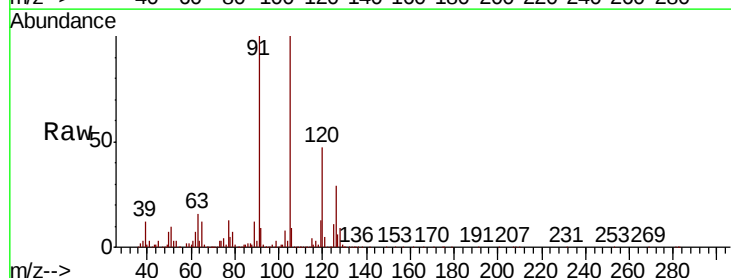
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

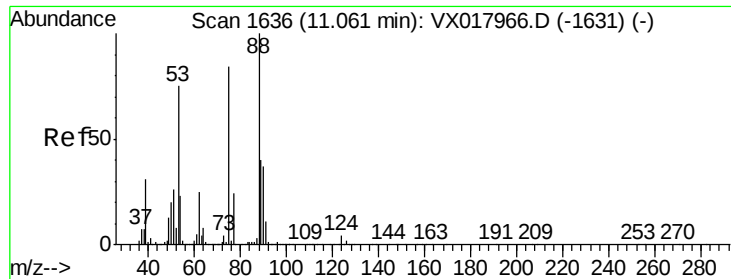
Tot Ion: 91 Resp: 737891
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 52.786 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Tgt Ion: 105 Resp: 974829
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 49.492 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

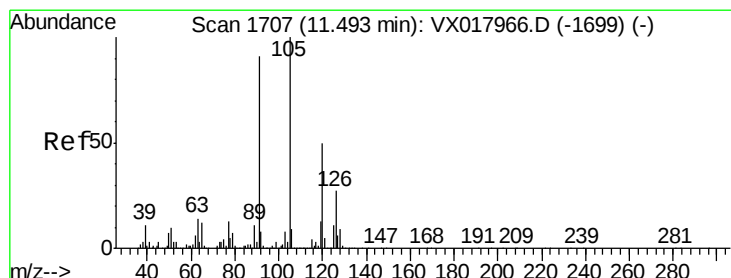
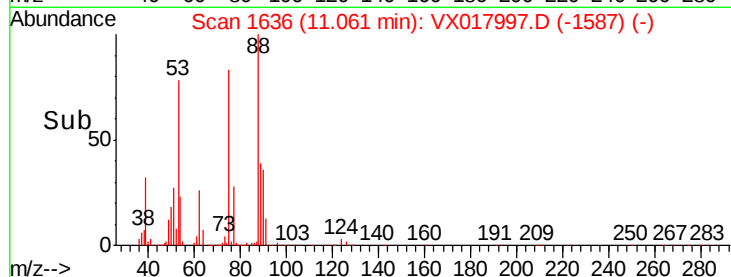
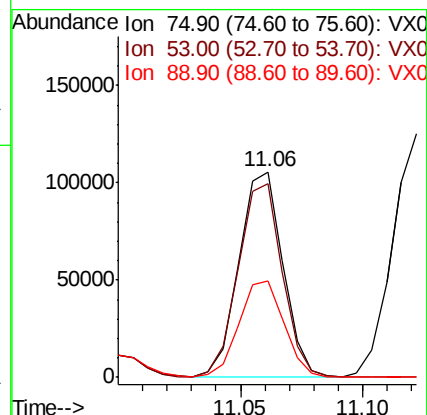
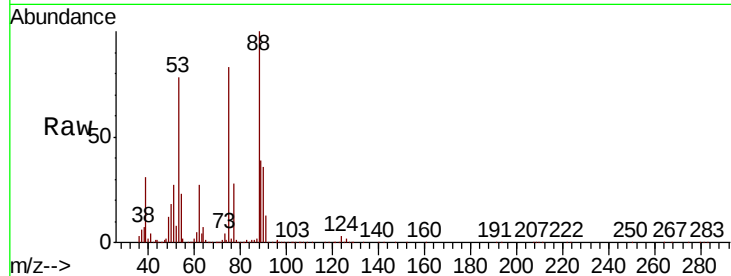
Tot Ion: 75 Resp: 130956

Ion Ratio Lower Upper

75 100

53 95.4 75.2 112.8

89 48.7 38.4 57.6



#82

4-Chlorotoluene

Concen: 54.637 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017997.D

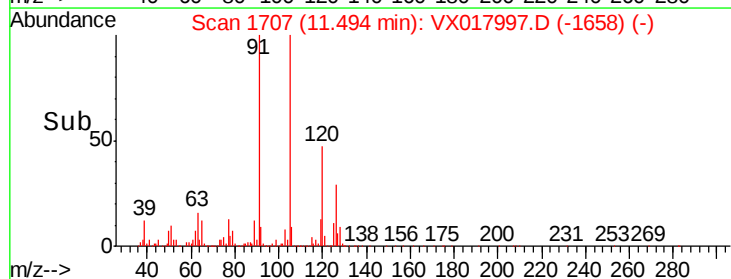
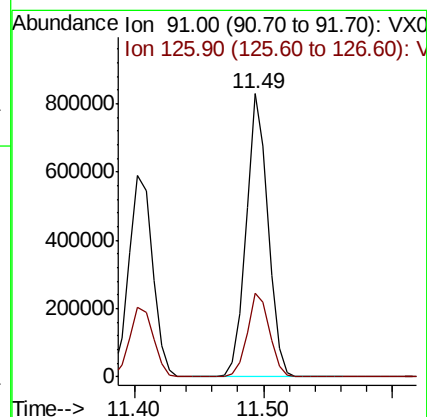
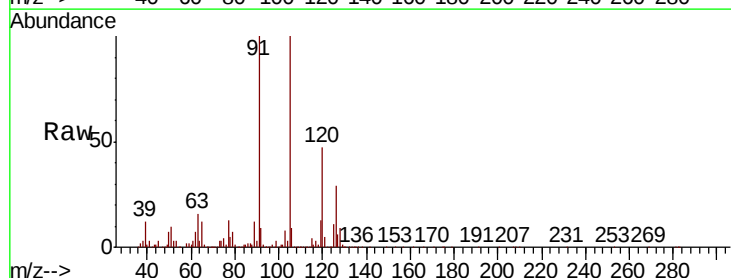
Acq: 19 Aug 2020 20:39

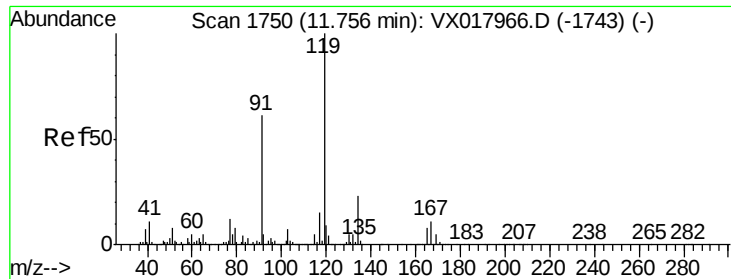
Tgt Ion: 91 Resp: 963543

Ion Ratio Lower Upper

91 100

126 30.1 15.0 45.0





#83

tert-Butylbenzene

Concen: 54.415 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

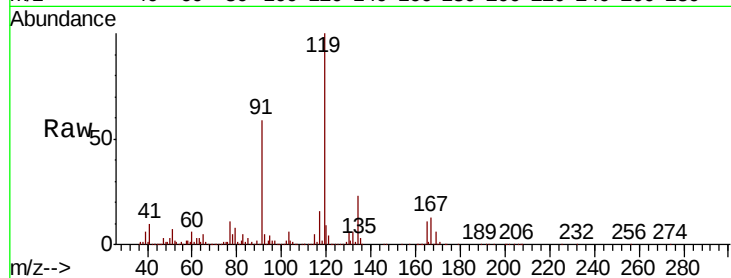
Tot Ion:119 Resp: 949010

Ion Ratio Lower Upper

119 100

91 56.5 30.1 90.5

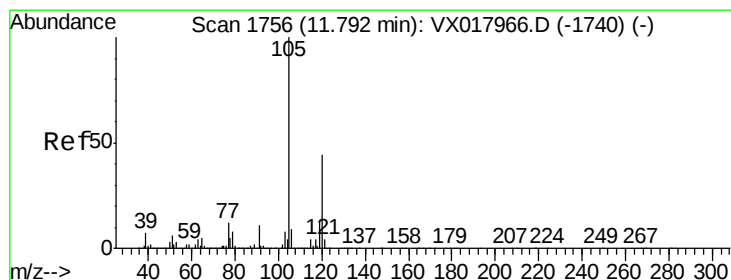
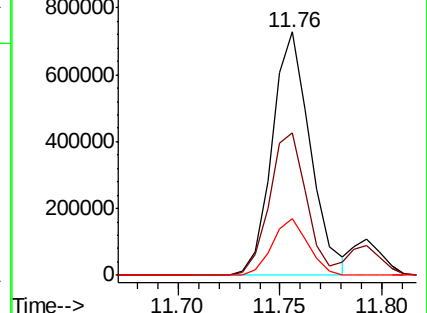
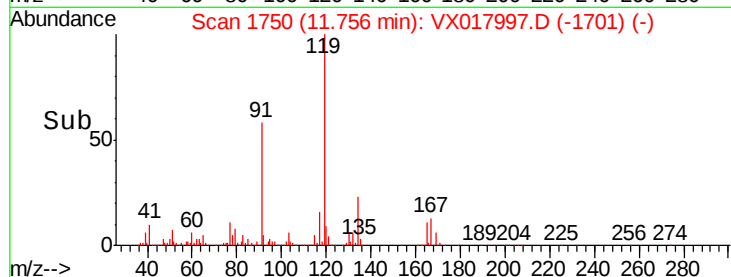
134 22.1 11.1 33.1



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: 52.938 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017997.D

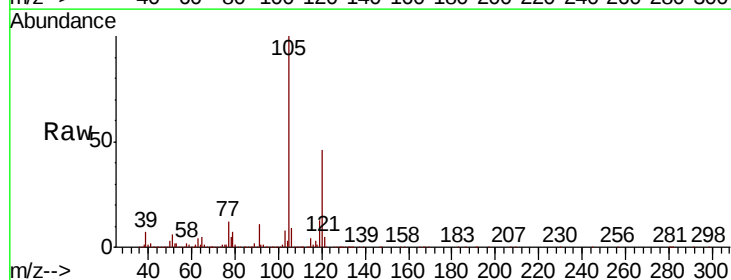
Acq: 19 Aug 2020 20:39

Tgt Ion:105 Resp: 1012107

Ion Ratio Lower Upper

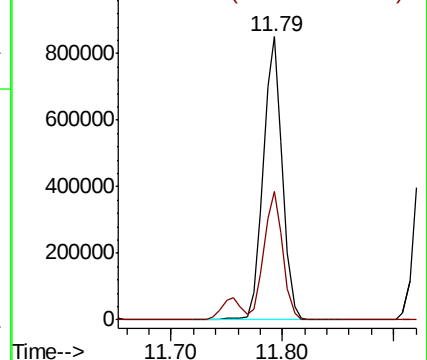
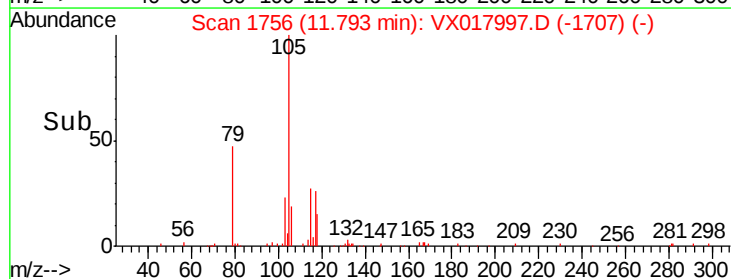
105 100

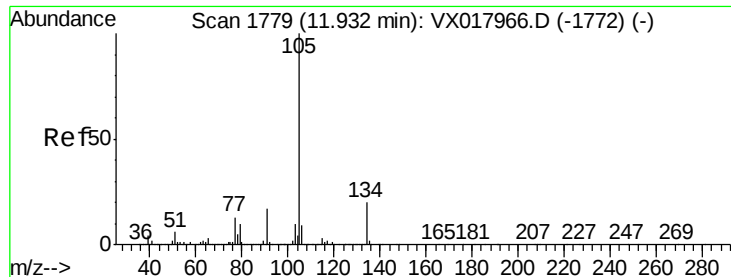
120 45.0 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

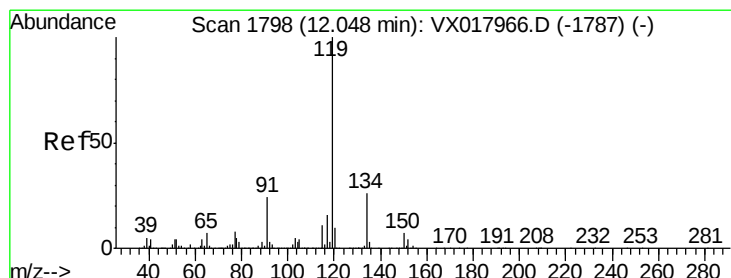
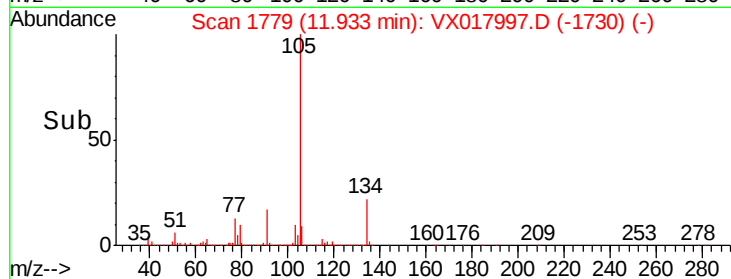
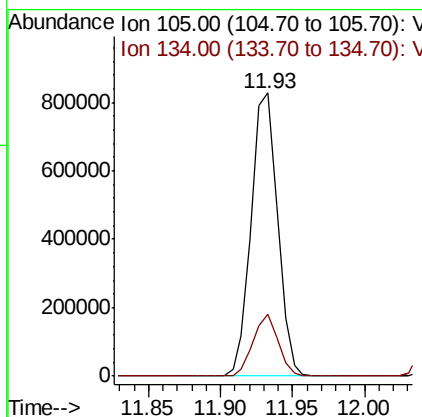
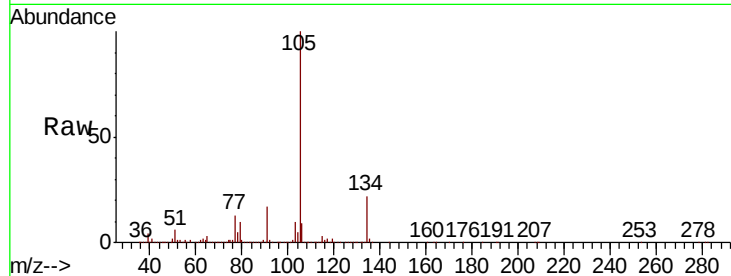




#85
 sec-Butylbenzene
 Concen: 49.776 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

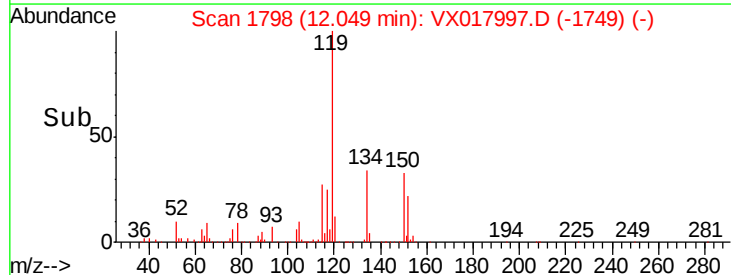
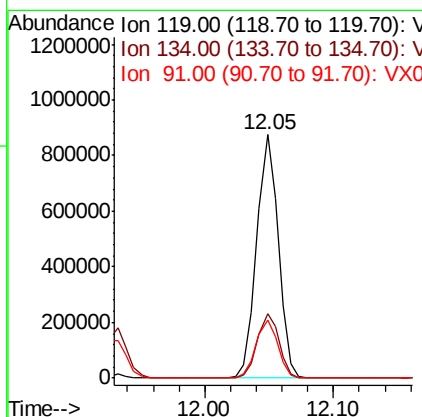
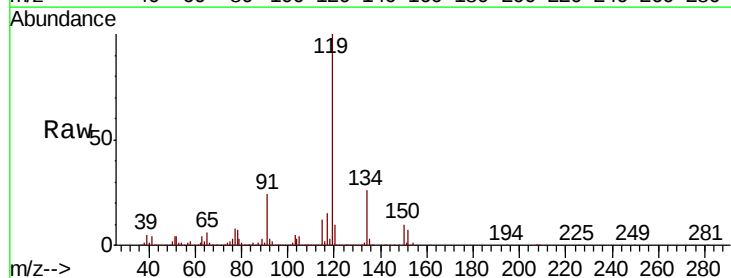
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

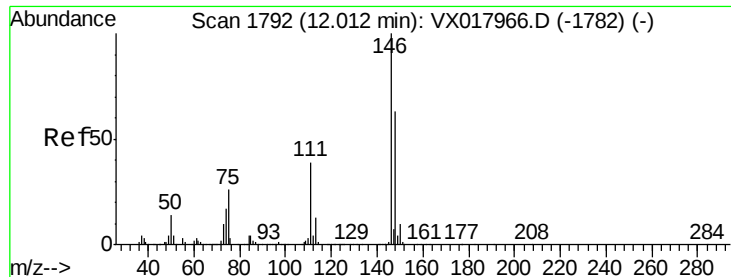
Tot Ion:105 Resp: 1047952
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 51.308 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Tgt Ion:119 Resp: 1004840
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.7 38.0
 91 24.3 12.2 36.4

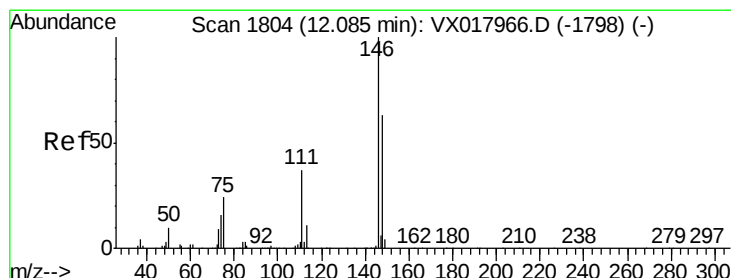
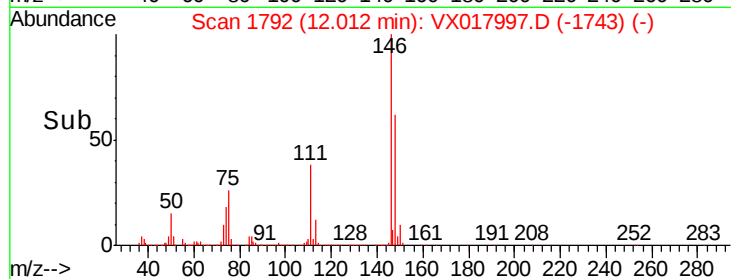
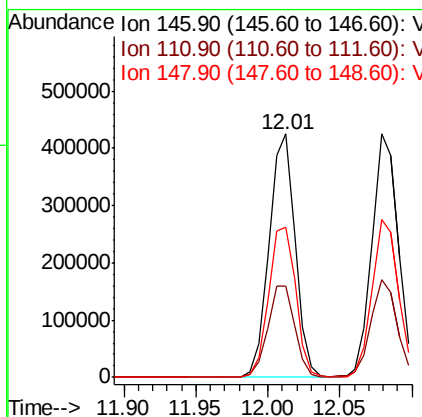
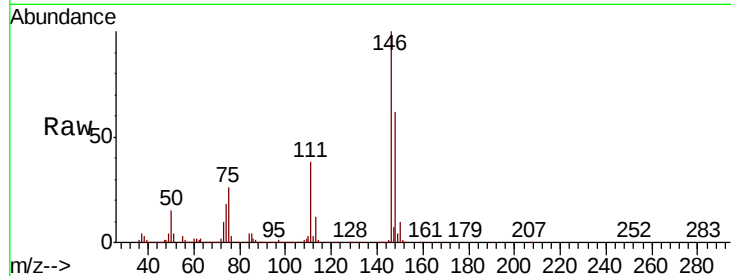




#87
 1,3-Dichlorobenzene
 Concen: 50.153 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

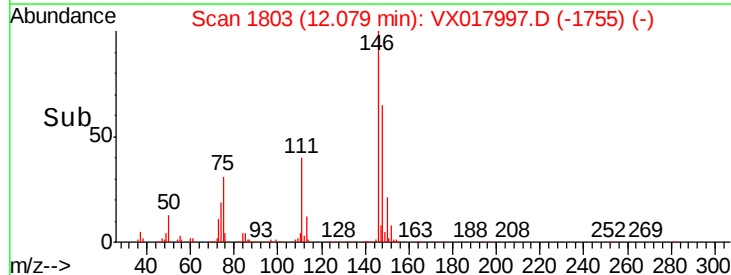
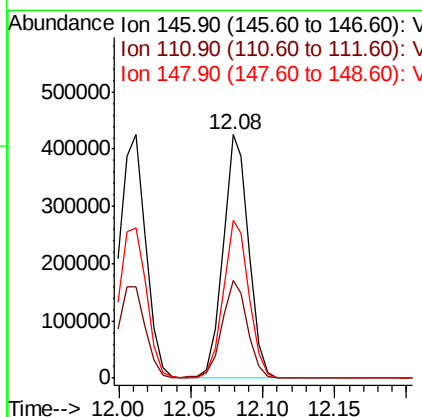
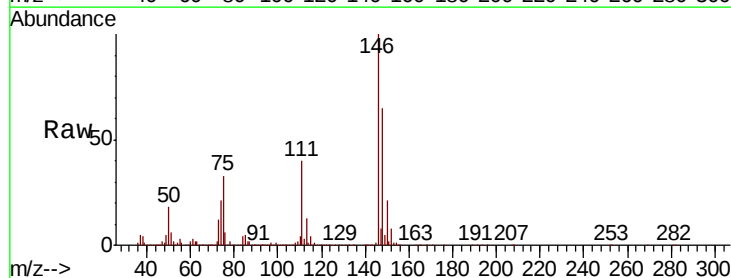
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

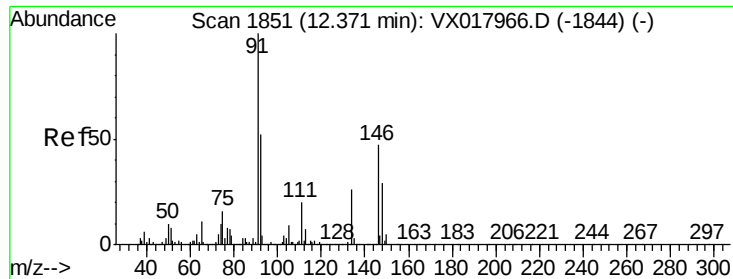
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.1	60.3
148	64.1	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 50.793 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.7	59.1
148	65.3	31.9	95.7

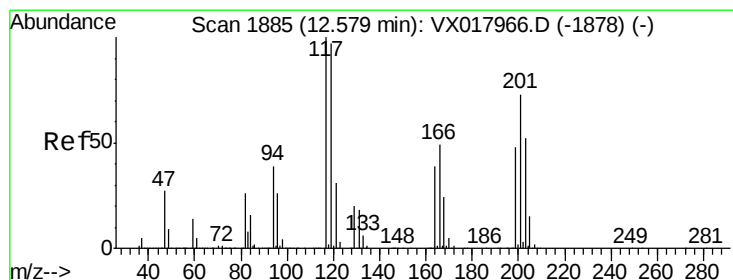
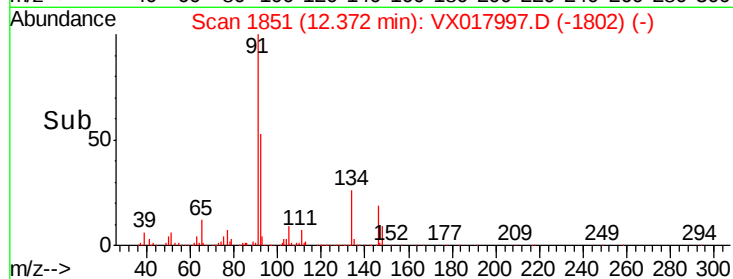
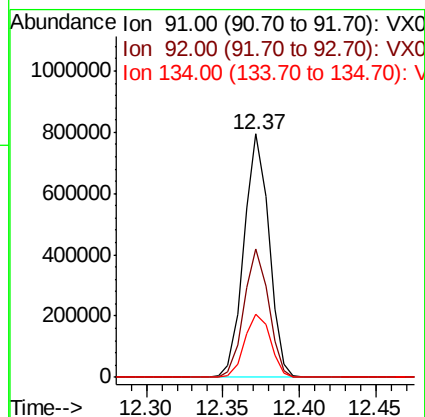
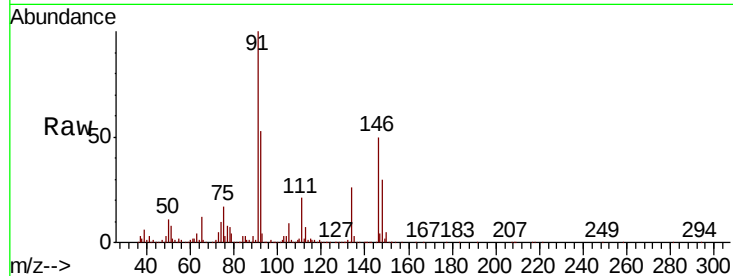




#89
n-Butylbenzene
Concen: 55.532 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

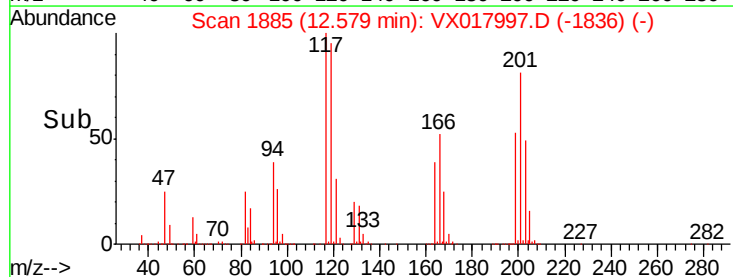
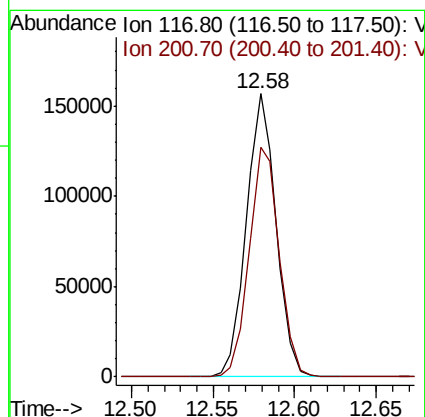
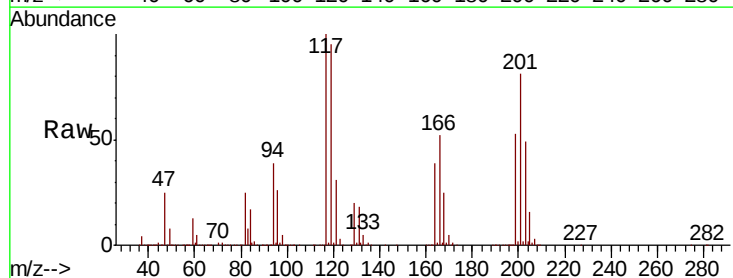
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

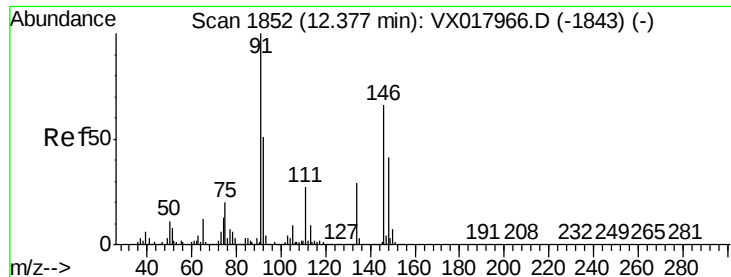
Tot Ion: 91 Resp: 900105
Ion Ratio Lower Upper
91 100
92 52.1 25.7 77.0
134 27.1 13.4 40.2



#90
Hexachloroethane
Concen: 50.901 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017997.D
Acq: 19 Aug 2020 20:39

Tgt Ion: 117 Resp: 198260
Ion Ratio Lower Upper
117 100
201 82.3 40.8 122.2





#91

1,2-Dichlorobenzene

Concen: 54.725 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

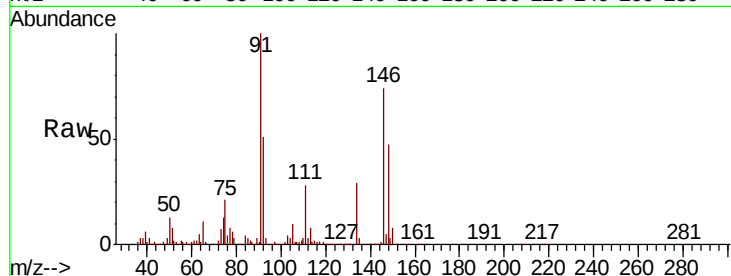
Tot Ion:146 Resp: 536713

Ion Ratio Lower Upper

146 100

111 41.6 20.6 61.9

148 63.1 31.2 93.6

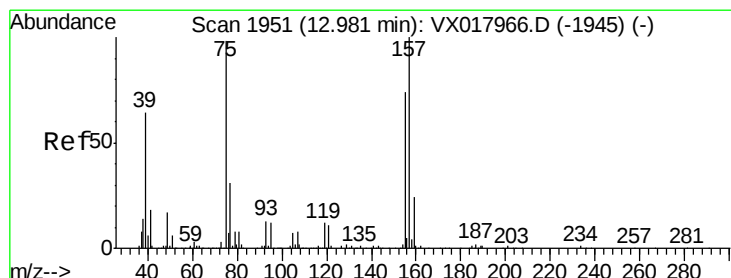
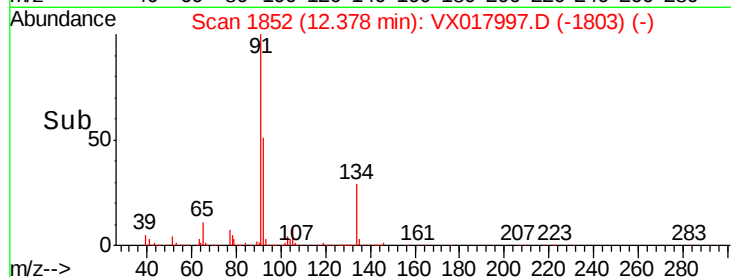
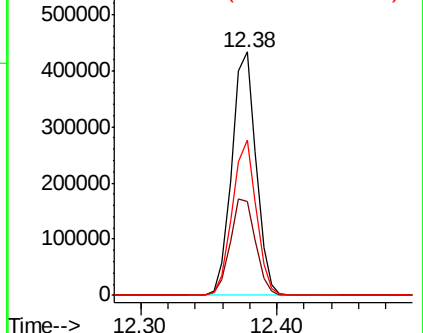


Abundance

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: 53.692 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

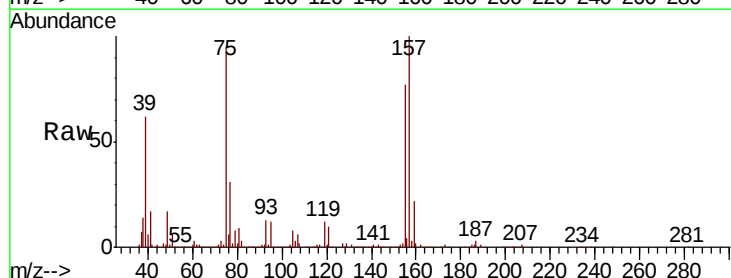
Tgt Ion: 75 Resp: 100380

Ion Ratio Lower Upper

75 100

155 81.9 40.5 121.5

157 109.7 54.4 163.2

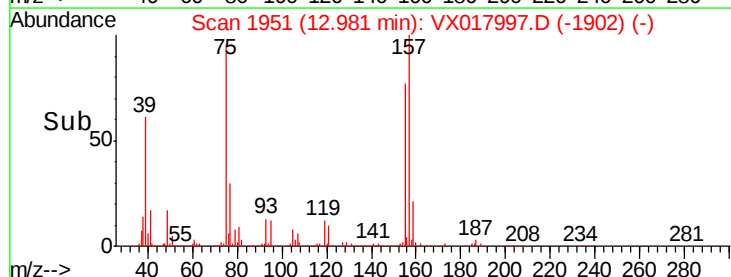
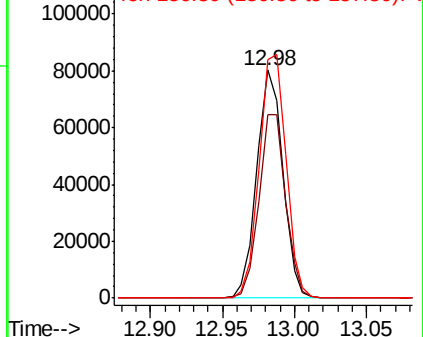


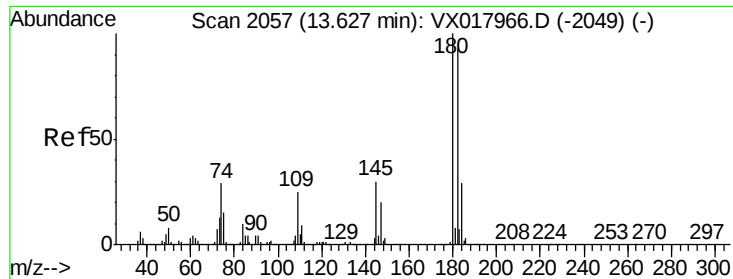
Abundance

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

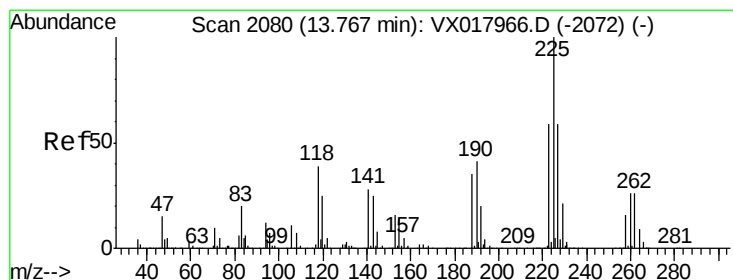
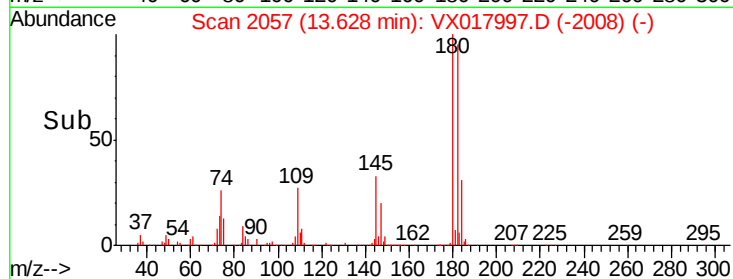
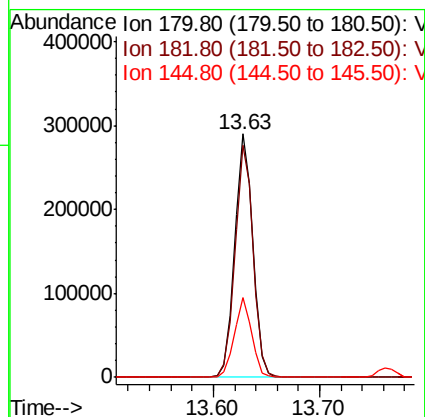
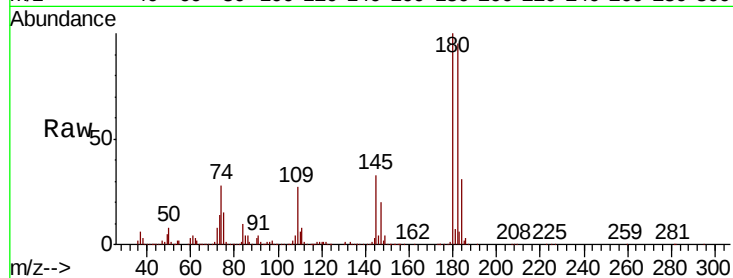




#93
 1,2,4-Trichlorobenzene
 Concen: 53.371 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

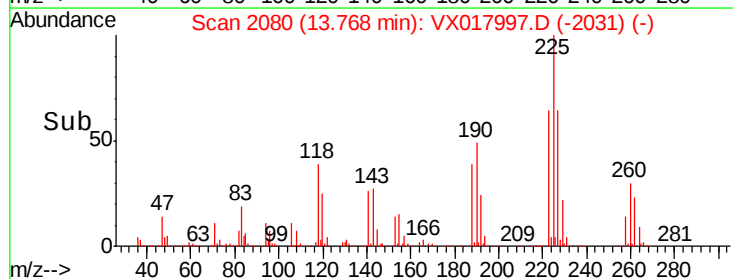
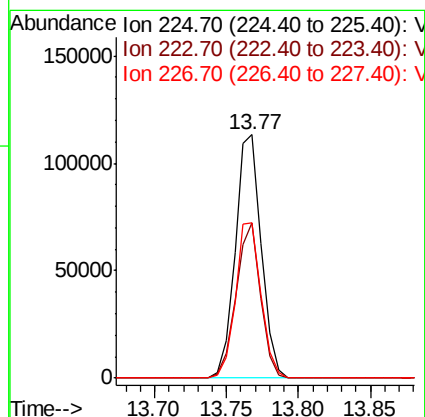
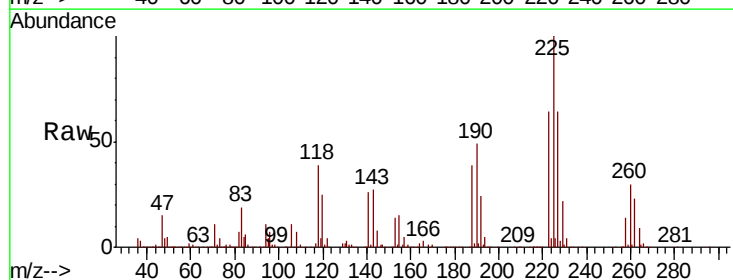
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

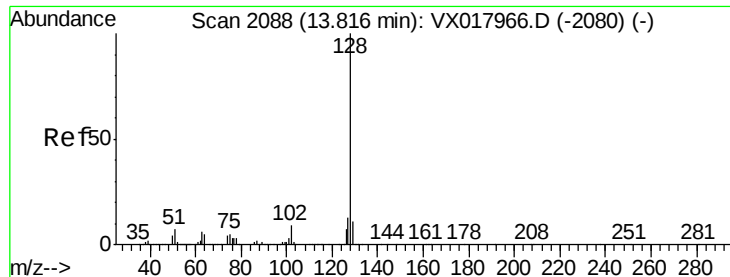
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.8	146.4
145	31.4	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 51.851 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017997.D
 Acq: 19 Aug 2020 20:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	32.1	96.3
227	63.0	29.8	89.5





#95

Naphthalene

Concen: 62.121 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

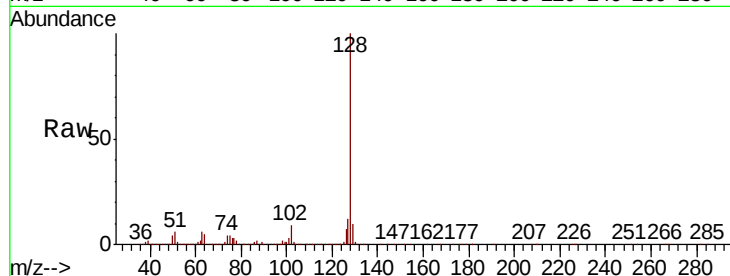
Tot Ion:128 Resp: 1265167

Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

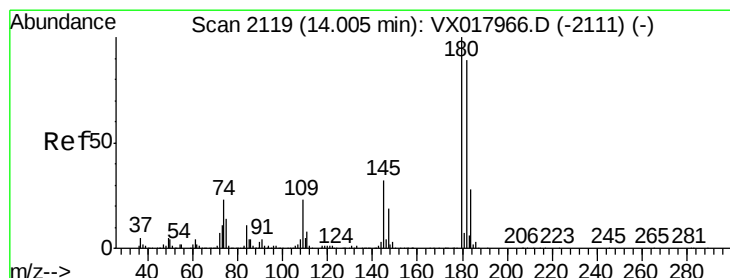
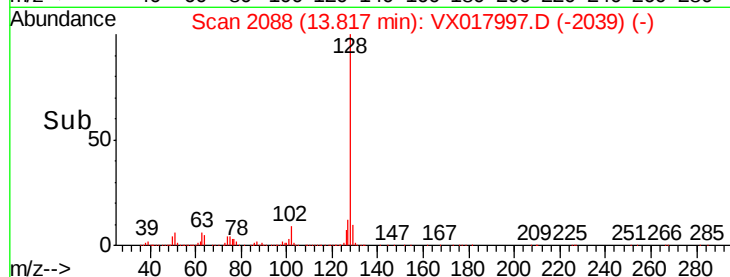
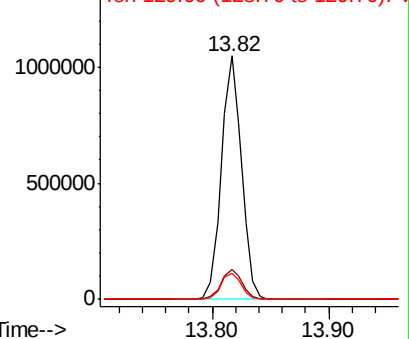
129 10.9 8.6 13.0



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: 57.393 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX017997.D

Acq: 19 Aug 2020 20:39

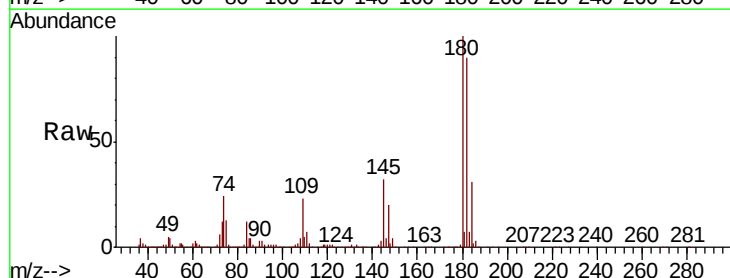
Tgt Ion:180 Resp: 376540

Ion Ratio Lower Upper

180 100

182 94.8 46.6 139.8

145 33.4 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

