

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073020\
 Data File : VX017687.D
 Acq On : 30 Jul 2020 17:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 31 05:40:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	525281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	778326	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	743073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	380079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	371583	55.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.14%	
35) Dibromofluoromethane	5.47	113	290393	55.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.58%	
50) Toluene-d8	8.70	98	1036475	55.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.38%	
62) 4-Bromofluorobenzene	11.12	95	405629	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	240102	49.253	ug/l	98
3) Chloromethane	1.31	50	299232	46.114	ug/l	99
4) Vinyl Chloride	1.39	62	297085	44.945	ug/l	98
5) Bromomethane	1.62	94	175840	49.460	ug/l	100
6) Chloroethane	1.71	64	187684	51.515	ug/l	98
7) Trichlorofluoromethane	1.92	101	492341	47.355	ug/l	98
8) Diethyl Ether	2.17	74	169295	50.232	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	257981	45.217	ug/l	96
10) Methyl Iodide	2.50	142	333932	45.749	ug/l	97
11) Tert butyl alcohol	3.02	59	330490	232.398	ug/l	99
12) 1,1-Dichloroethene	2.36	96	251170	46.294	ug/l	99
13) Acrolein	2.27	56	290848	267.582	ug/l	98
14) Allyl chloride	2.71	41	484255	48.880	ug/l	99
15) Acrylonitrile	3.12	53	743645	242.108	ug/l	99
16) Acetone	2.42	43	716833	241.374	ug/l	95
17) Carbon Disulfide	2.55	76	690657	41.881	ug/l	99
18) Methyl Acetate	2.75	43	356031	50.903	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	890913	47.442	ug/l	97
20) Methylene Chloride	2.84	84	292783	52.408	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	271353	46.686	ug/l	96
22) Diisopropyl ether	3.82	45	873200	48.204	ug/l #	86
23) Vinyl Acetate	3.79	43	3935207	243.645	ug/l	100
24) 1,1-Dichloroethane	3.67	63	497589	47.685	ug/l	99
25) 2-Butanone	4.64	43	1023078	242.498	ug/l	99
26) 2,2-Dichloropropane	4.56	77	447986	47.960	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	298405	47.267	ug/l	100
28) Bromochloromethane	4.99	49	219091	46.332	ug/l	95
29) Tetrahydrofuran	5.09	42	644696	246.698	ug/l	100
30) Chloroform	5.18	83	519617	48.734	ug/l	99
31) Cyclohexane	5.56	56	388242	46.656	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	493739	49.107	ug/l	98
36) 1,1-Dichloropropene	5.77	75	371086	49.711	ug/l	100
37) Ethyl Acetate	4.80	43	391843	47.975	ug/l	99
38) Carbon Tetrachloride	5.76	117	455623	50.262	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	410365	47.091	ug/l	99
40) Benzene	6.12	78	1066227	49.820	ug/l	100
41) Methacrylonitrile	5.01	41	223249	47.686	ug/l	98
42) 1,2-Dichloroethane	6.17	62	449808	51.375	ug/l	100
43) Isopropyl Acetate	6.42	43	651124	48.317	ug/l	99
44) Trichloroethene	7.19	130	320512	51.246	ug/l	97
45) 1,2-Dichloropropane	7.49	63	281666	47.476	ug/l	100
46) Dibromomethane	7.64	93	201640	48.092	ug/l	99
47) Bromodichloromethane	7.88	83	426069	50.504	ug/l	99
48) Methyl methacrylate	7.75	41	332934	49.840	ug/l	97
49) 1,4-Dioxane	7.72	88	127216	993.315	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2096477	260.732	ug/l	99
52) Toluene	8.77	92	695317	50.660	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	478063	50.621	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	485111	50.361	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	289213	50.583	ug/l	98
56) Ethyl methacrylate	9.16	69	446083	51.786	ug/l	99
57) 1,3-Dichloropropane	9.35	76	470799	50.007	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1142580	251.769	ug/l	98
59) 2-Hexanone	9.48	43	1527988	252.403	ug/l	100
60) Dibromochloromethane	9.57	129	361857	49.794	ug/l	99
61) 1,2-Dibromoethane	9.65	107	308163	50.625	ug/l	97
64) Tetrachloroethene	9.32	164	315677	47.333	ug/l	96
65) Chlorobenzene	10.12	112	775061	48.188	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	315608	48.620	ug/l	99
67) Ethyl Benzene	10.24	91	1298099	48.349	ug/l	100
68) m/p-Xylenes	10.34	106	985955	94.794	ug/l	97
69) o-Xylene	10.68	106	494146	49.398	ug/l	100
70) Styrene	10.70	104	857624	50.389	ug/l	99
71) Bromoform	10.84	173	268002	47.654	ug/l #	98
73) Isopropylbenzene	11.00	105	1331573	51.069	ug/l	100
74) N-amyl acetate	10.88	43	534955	46.177	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	367336	45.135	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	478963	61.261	ug/l	82
77) Bromobenzene	11.24	156	348193	47.701	ug/l	99
78) n-propylbenzene	11.34	91	1500085	51.010	ug/l	99
79) 2-Chlorotoluene	11.41	91	898407	49.318	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1149888	51.652	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	152624	49.189	ug/l	98
82) 4-Chlorotoluene	11.49	91	1083609	50.427	ug/l	100
83) tert-Butylbenzene	11.76	119	1054033	49.481	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1087451	49.111	ug/l	100
85) sec-Butylbenzene	11.93	105	1227667	49.473	ug/l	100
86) p-Isopropyltoluene	12.05	119	1164822	49.291	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	597623	47.676	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	611918	47.129	ug/l	100
89) n-Butylbenzene	12.37	91	1098049	52.146	ug/l	100
90) Hexachloroethane	12.58	117	235512	50.550	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	628625	51.025	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	109292	47.615	ug/l	98

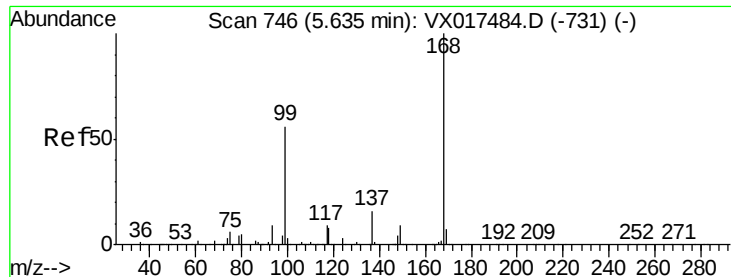
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	418539	49.778	ug/l	99
94) Hexachlorobutadiene	13.77	225	183192	47.332	ug/l	98
95) Naphthalene	13.82	128	1300432	51.810	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	437664	52.718	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: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

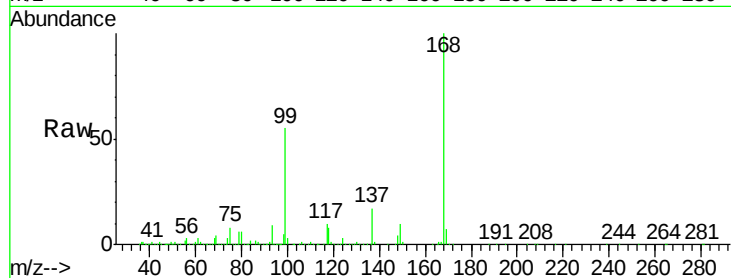
VSTDCCC050EC

Tot Ion:168 Resp: 525281

Ion Ratio Lower Upper

168 100

99 55.2 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

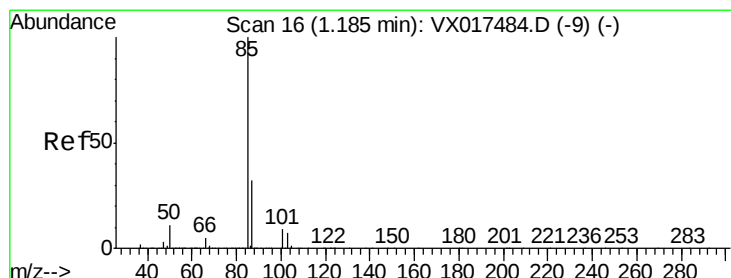
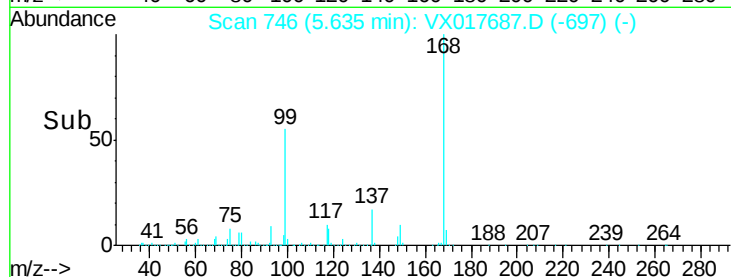
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.253 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017687.D

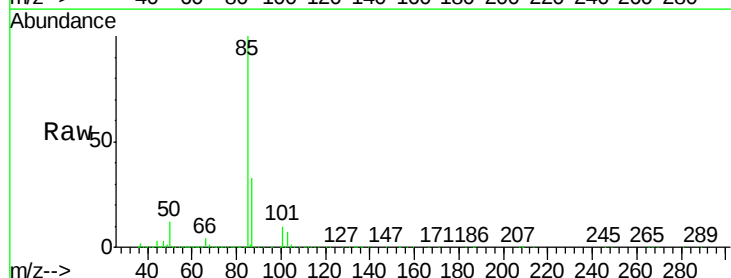
Acq: 30 Jul 2020 17:28

Tgt Ion: 85 Resp: 240102

Ion Ratio Lower Upper

85 100

87 33.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

250000

200000

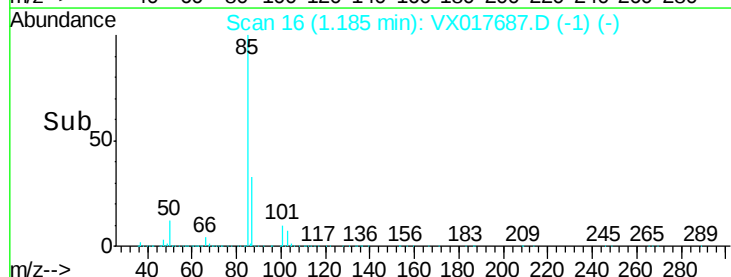
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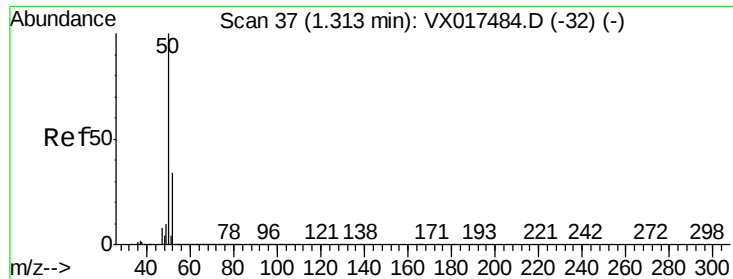
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Time-->

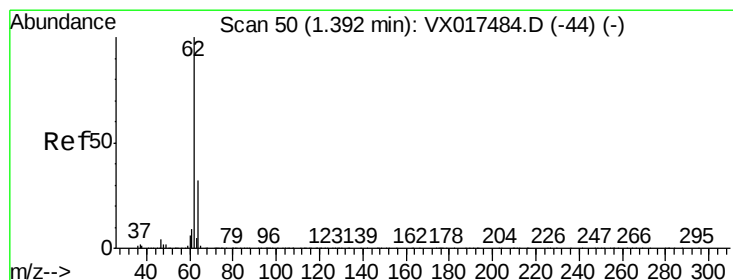
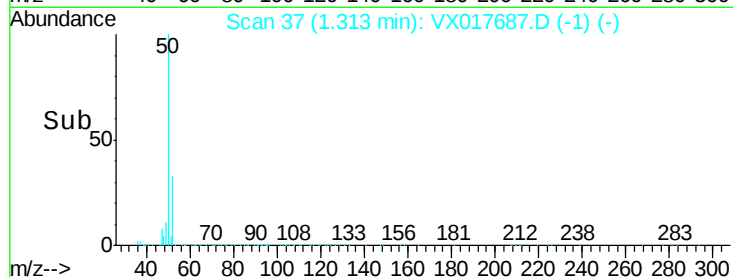
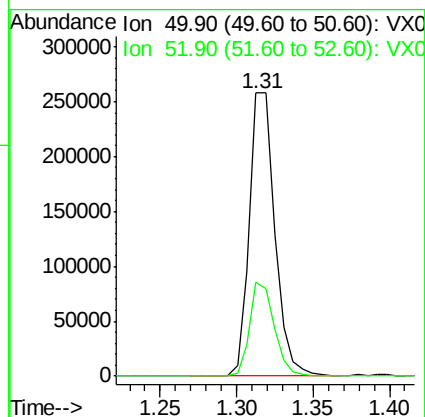
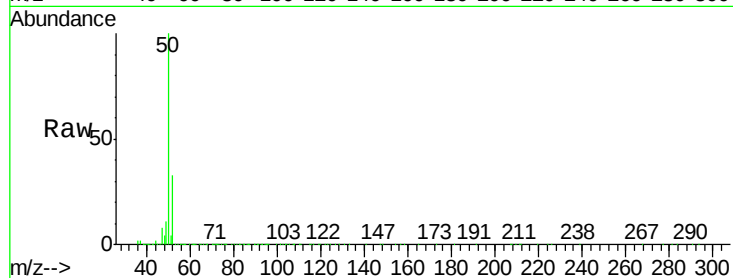




#3
Chloromethane
Concen: 46.114 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

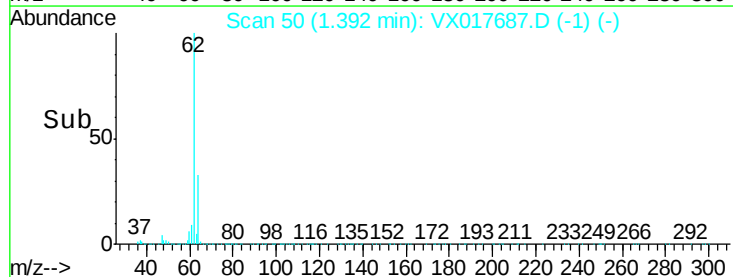
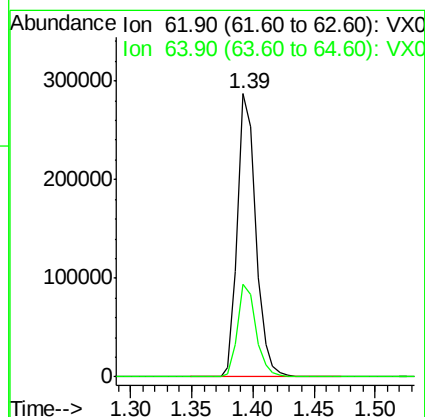
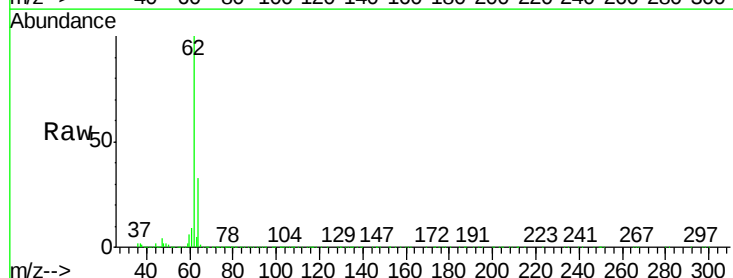
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

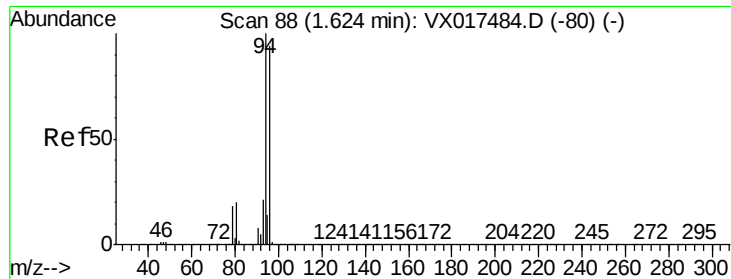
Tot Ion: 50 Resp: 299232
Ion Ratio Lower Upper
50 100
52 33.2 25.9 38.9



#4
Vinyl Chloride
Concen: 44.945 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

Tgt Ion: 62 Resp: 297085
Ion Ratio Lower Upper
62 100
64 32.7 25.2 37.8





#5

Bromomethane

Concen: 49.460 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

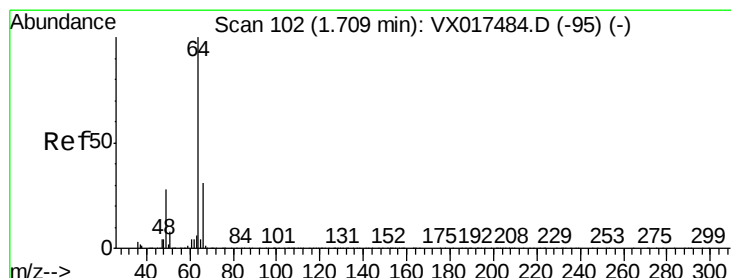
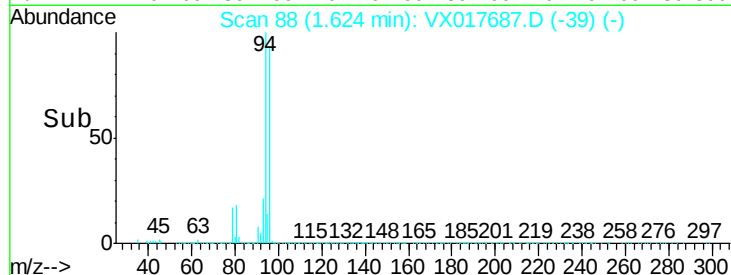
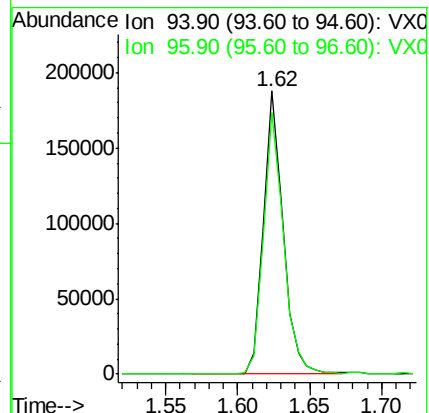
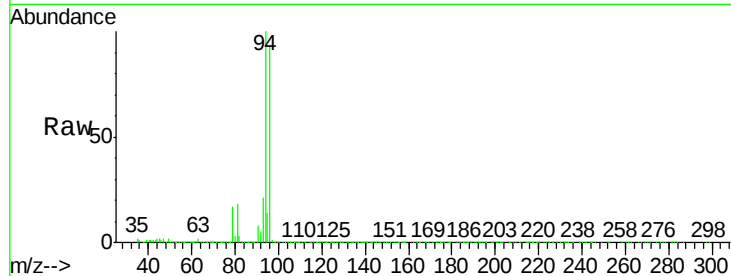
VSTDCCC050EC

Tot Ion: 94 Resp: 175840

Ion Ratio Lower Upper

94 100

96 92.4 74.1 111.1



#6

Chloroethane

Concen: 51.515 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017687.D

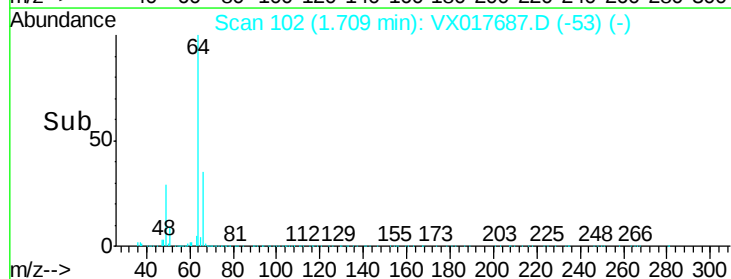
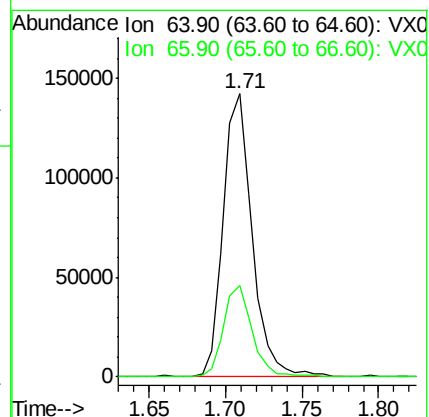
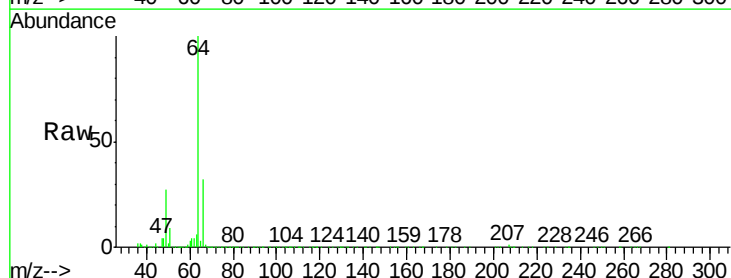
Acq: 30 Jul 2020 17:28

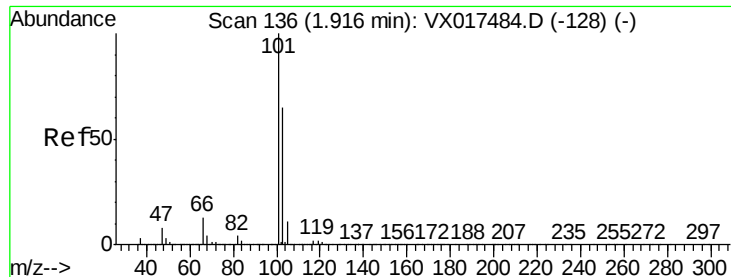
Tgt Ion: 64 Resp: 187684

Ion Ratio Lower Upper

64 100

66 31.9 24.9 37.3



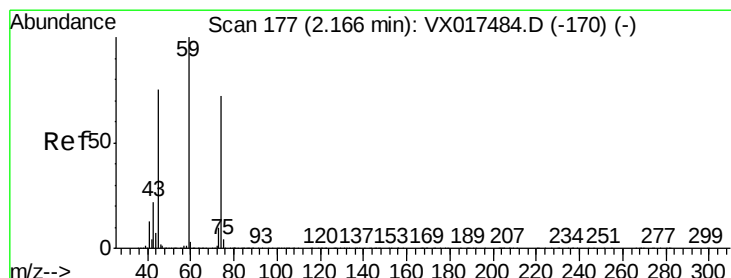
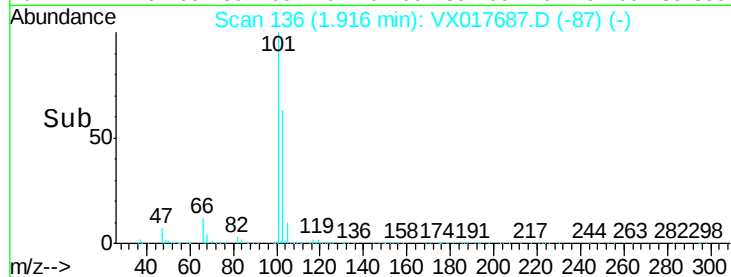
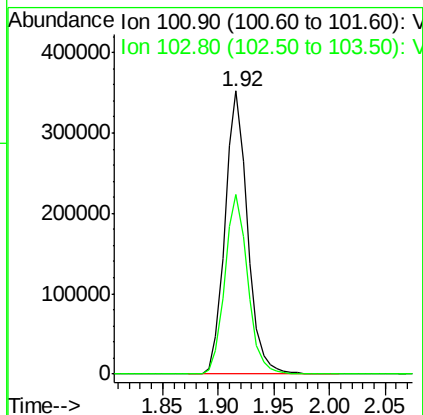
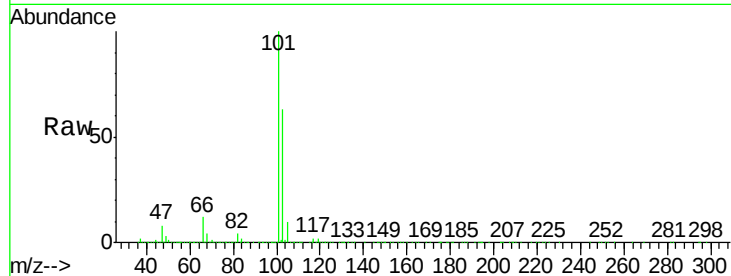


#7

Trichlorofluoromethane
Concen: 47.355 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017687.D
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Instrument :
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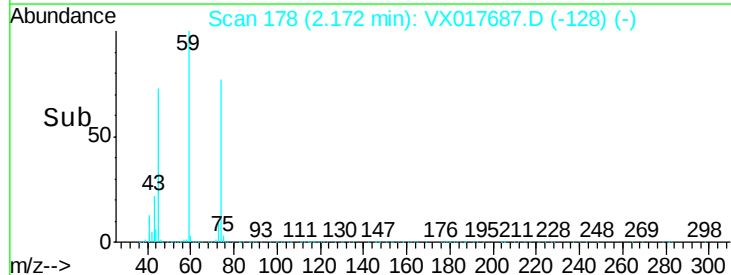
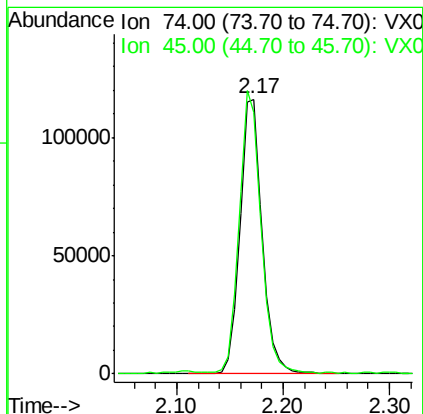
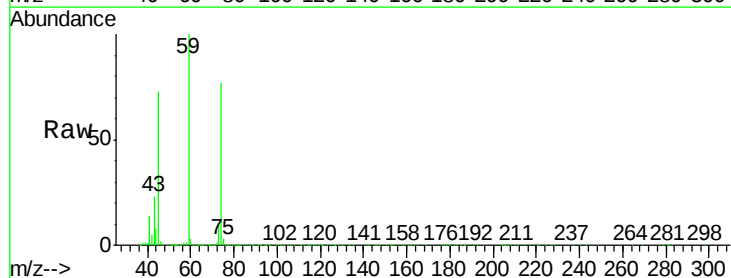
Tot Ion:101 Resp: 492341
Ion Ratio Lower Upper
101 100
103 63.5 51.8 77.8

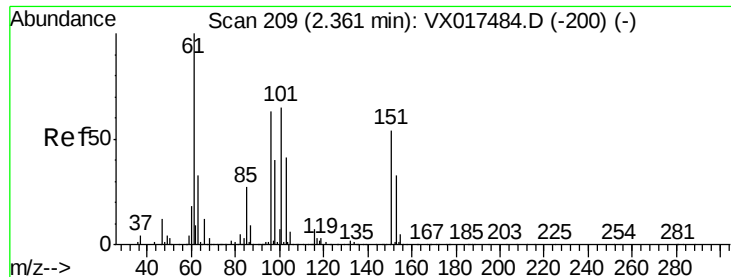


#8

Diethyl Ether
Concen: 50.232 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

Tgt Ion: 74 Resp: 169295
Ion Ratio Lower Upper
74 100
45 100.8 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.217 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

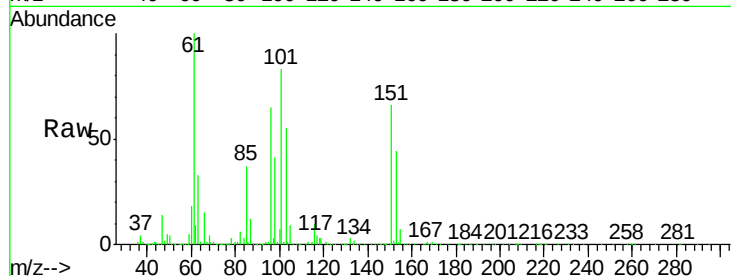
Tot Ion:101 Resp: 257981

Ion Ratio Lower Upper

101 100

85 45.0 34.8 52.2

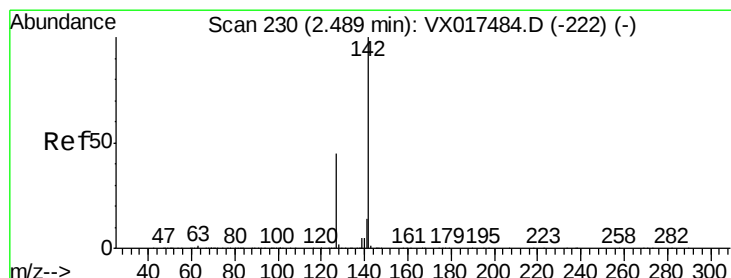
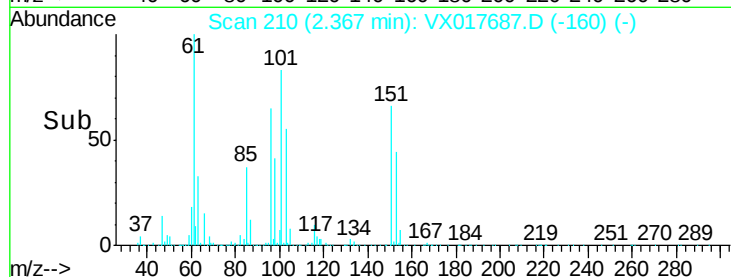
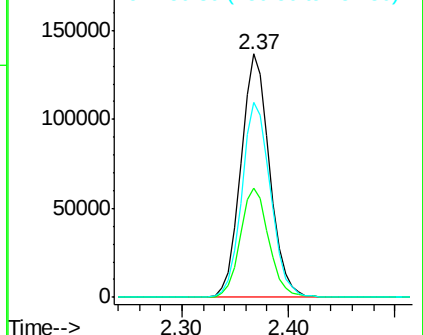
151 81.0 68.0 102.0



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: 45.749 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

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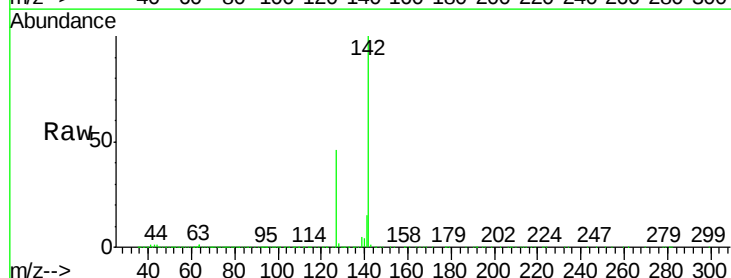
Tgt Ion:142 Resp: 333932

Ion Ratio Lower Upper

142 100

127 47.2 35.9 53.9

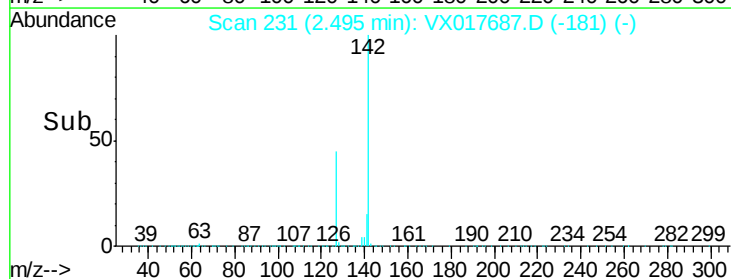
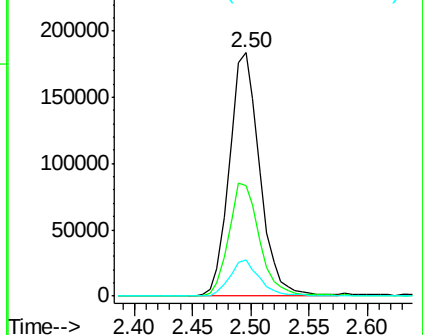
141 14.5 11.4 17.0

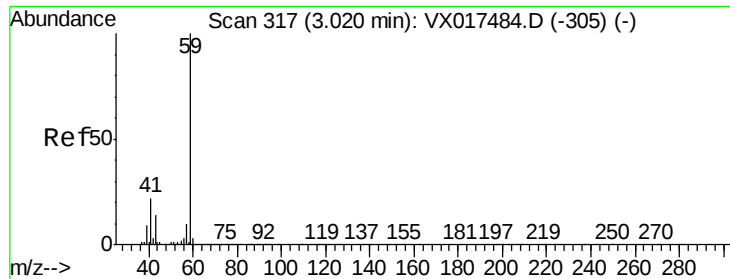


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



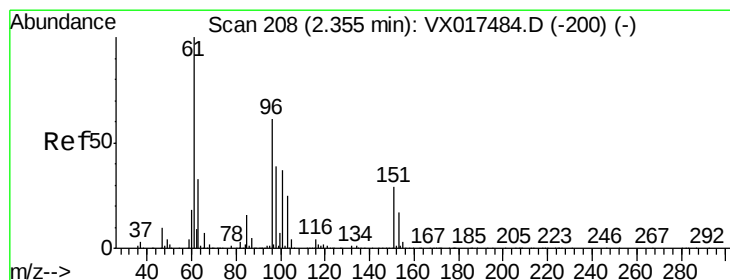
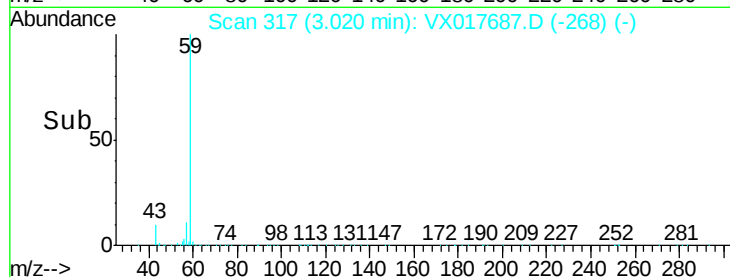
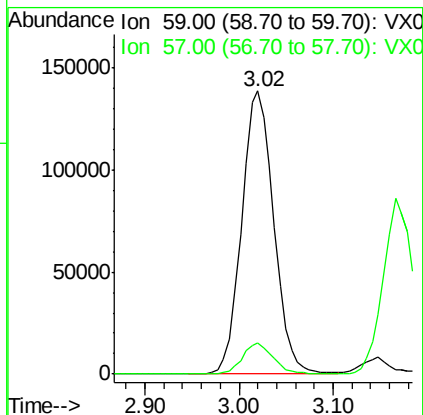
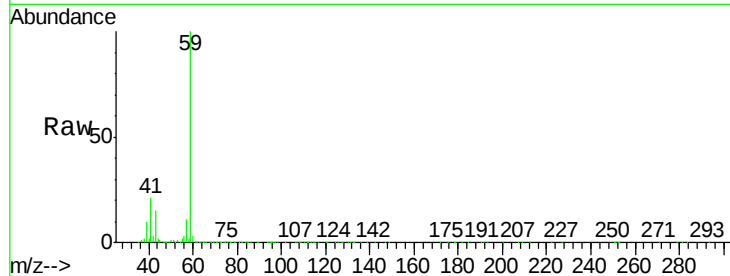


#11

Tert butyl alcohol
 Concen: 232.398 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX017687.D
 Acq: 30 Jul 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

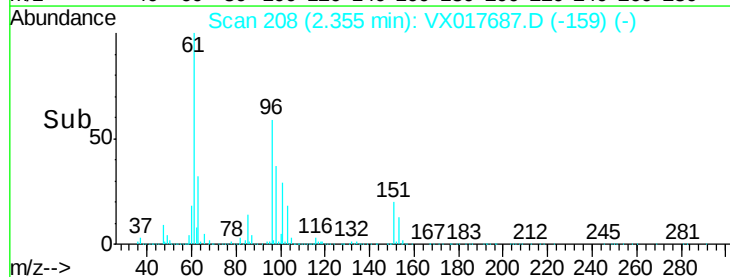
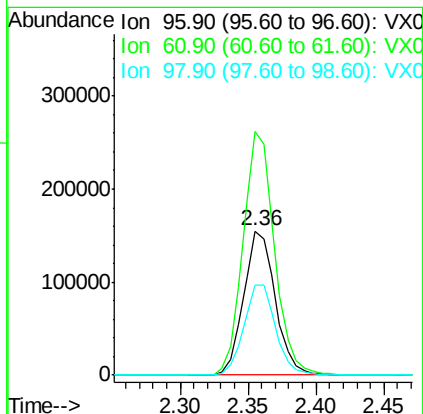
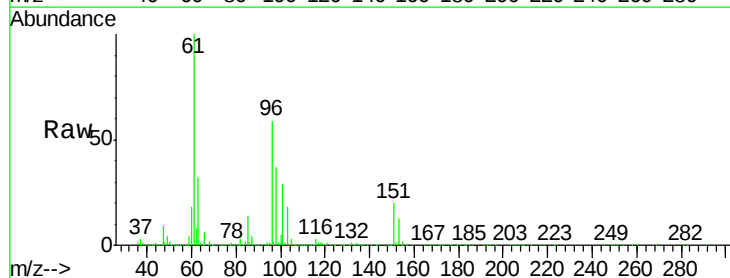
Tot Ion: 59 Resp: 330490
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.6 12.8

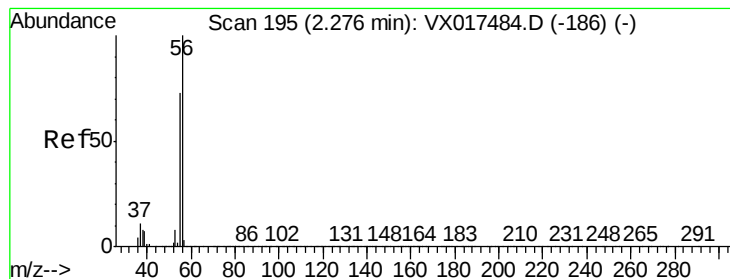


#12

1,1-Dichloroethene
 Concen: 46.294 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017687.D
 Acq: 30 Jul 2020 17:28

Tgt Ion: 96 Resp: 251170
 Ion Ratio Lower Upper
 96 100
 61 169.0 134.0 201.0
 98 62.1 51.0 76.4





#13

Acrolein

Concen: 267.582 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

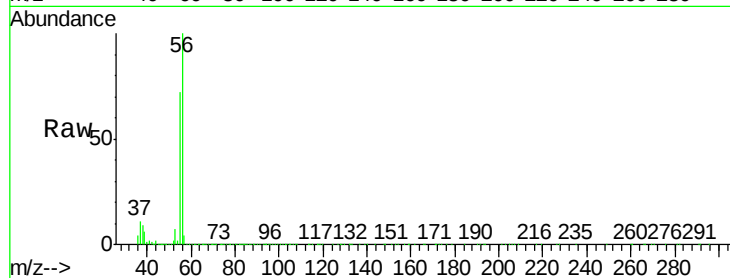
VSTDCCC050EC

Tot Ion: 56 Resp: 290848

Ion Ratio Lower Upper

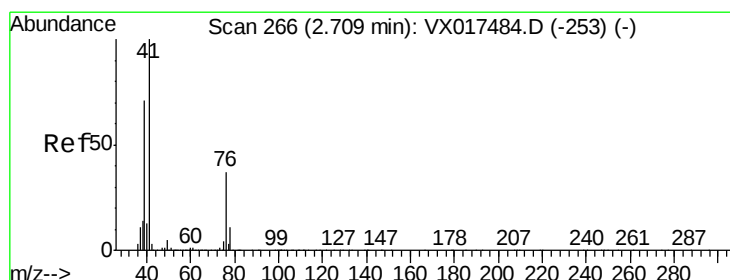
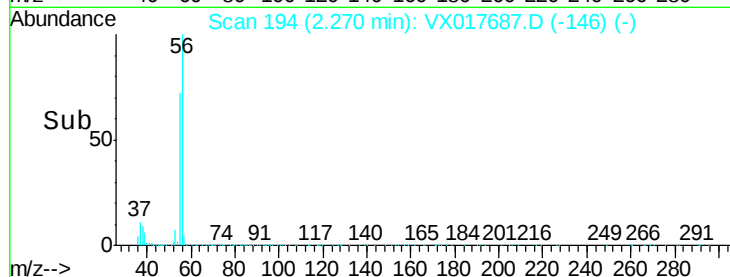
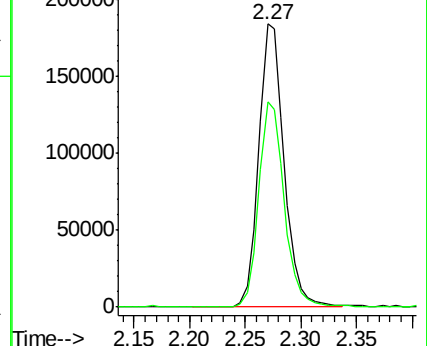
56 100

55 73.3 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.880 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

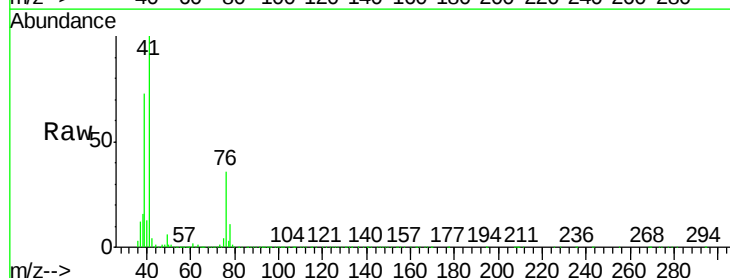
Tgt Ion: 41 Resp: 484255

Ion Ratio Lower Upper

41 100

39 66.2 51.9 77.9

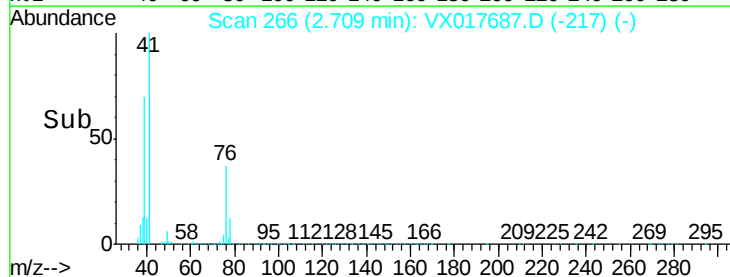
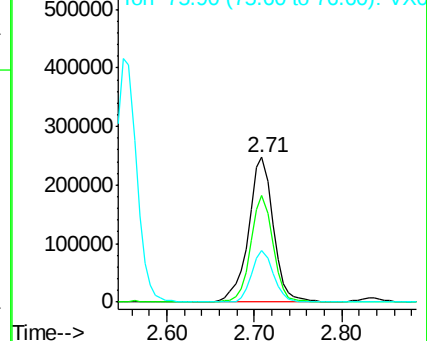
76 31.5 25.5 38.3

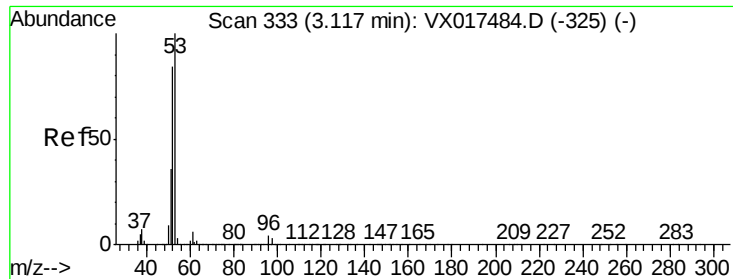


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 242.108 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

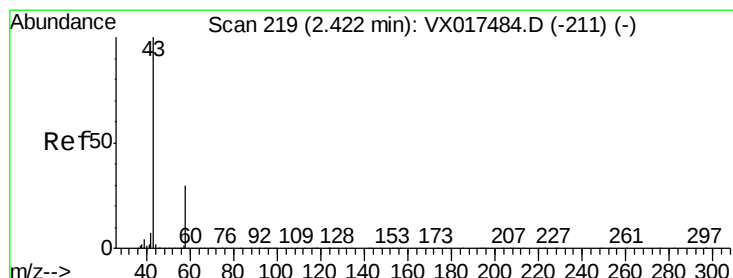
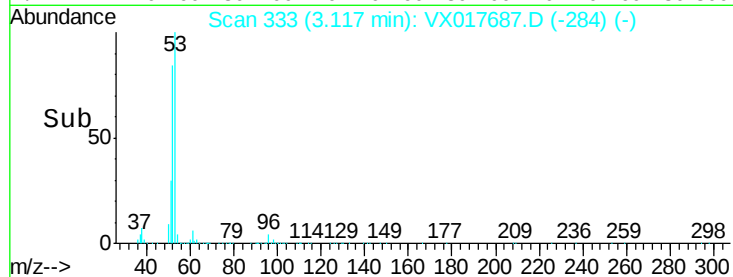
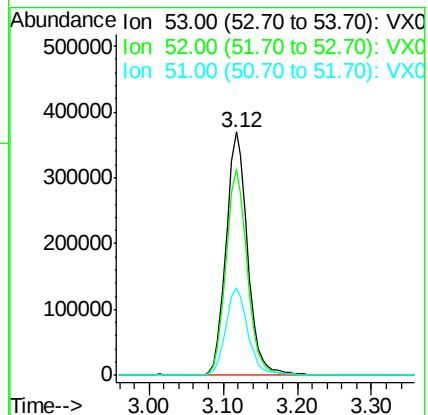
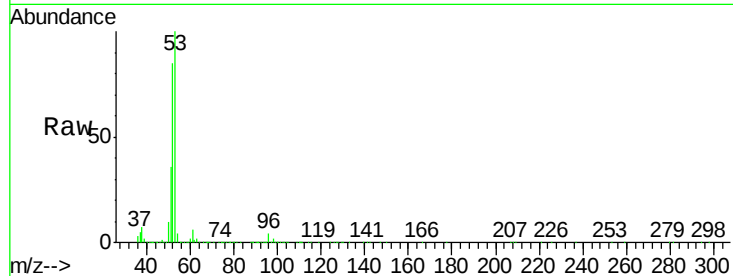
Tot Ion: 53 Resp: 743645

Ion Ratio Lower Upper

53 100

52 83.8 66.6 99.8

51 37.1 29.4 44.2



#16

Acetone

Concen: 241.374 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017687.D

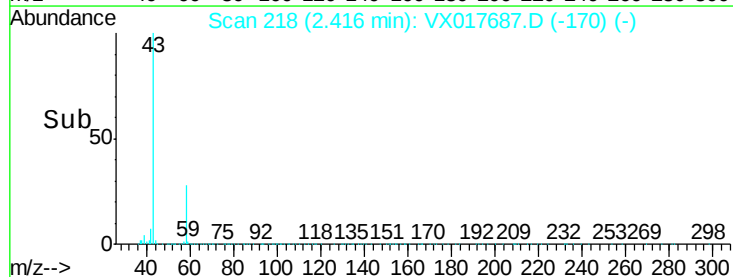
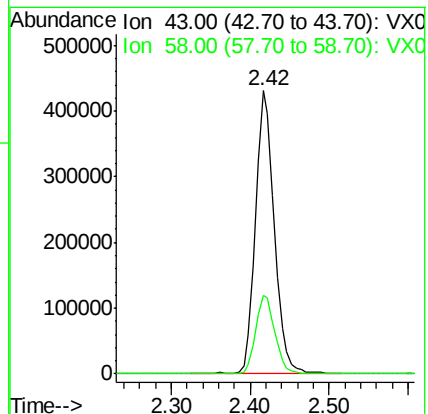
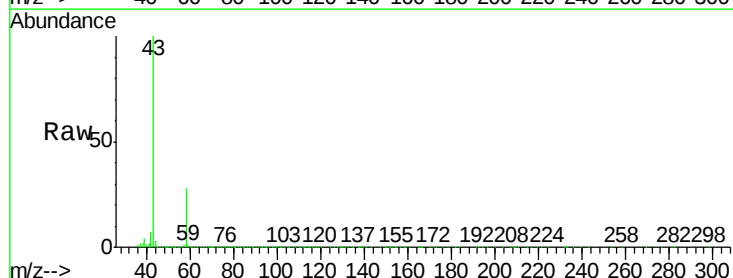
Acq: 30 Jul 2020 17:28

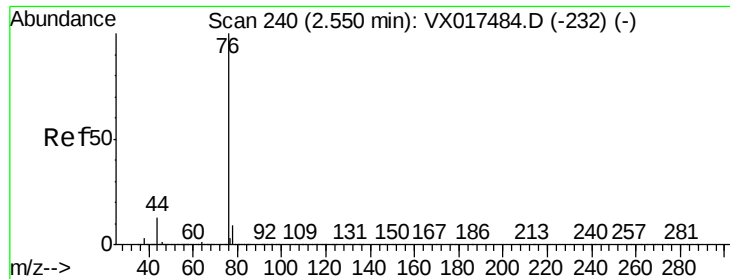
Tgt Ion: 43 Resp: 716833

Ion Ratio Lower Upper

43 100

58 27.6 24.2 36.4

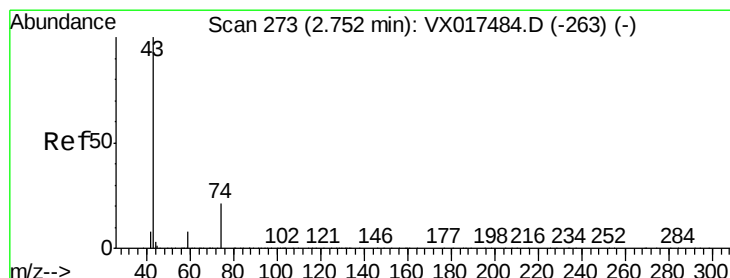
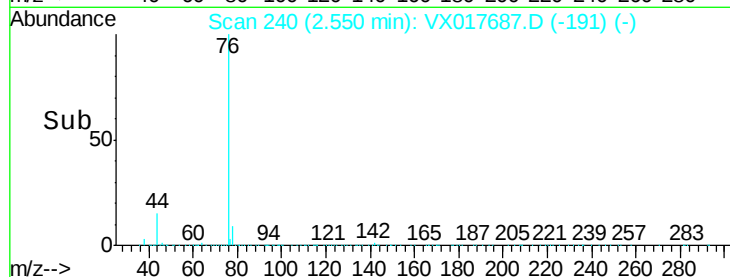
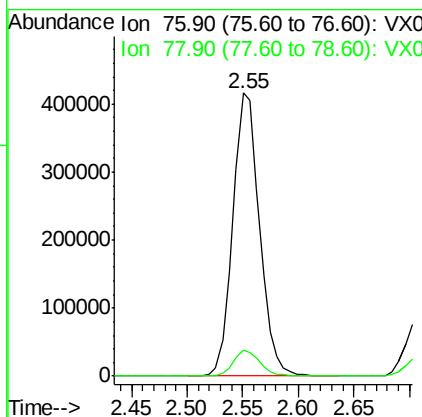
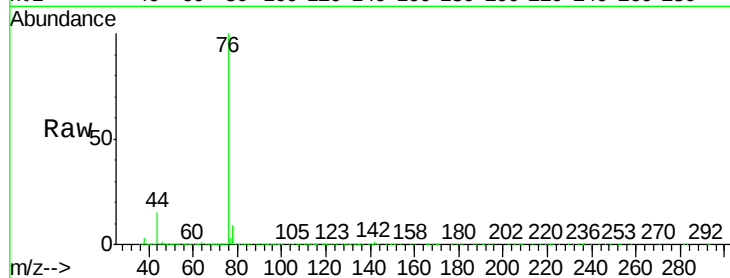




#17
Carbon Disulfide
Concen: 41.881 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

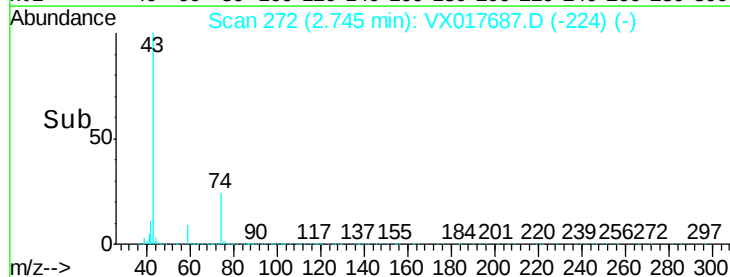
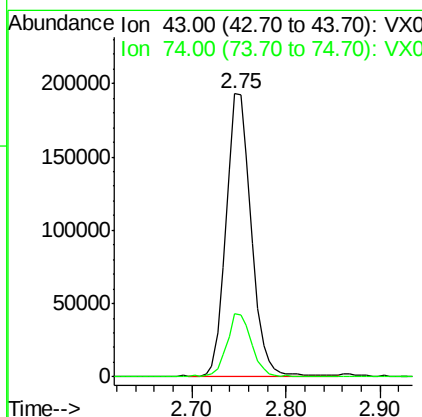
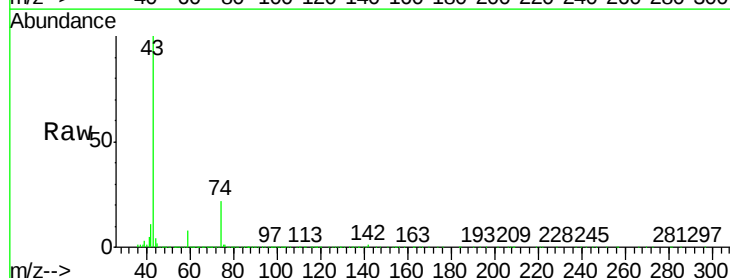
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

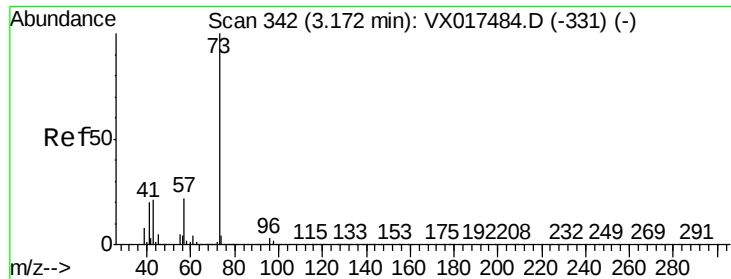
Tot Ion: 76 Resp: 690657
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 50.903 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

Tgt Ion: 43 Resp: 356031
Ion Ratio Lower Upper
43 100
74 22.0 17.5 26.3



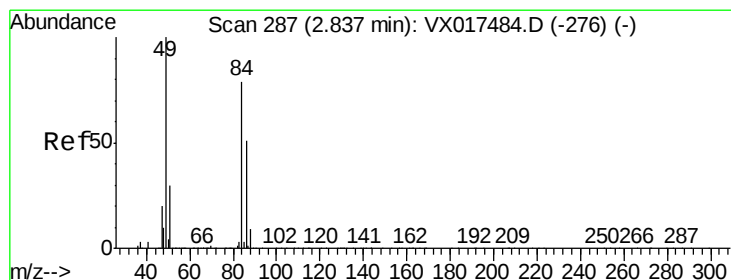
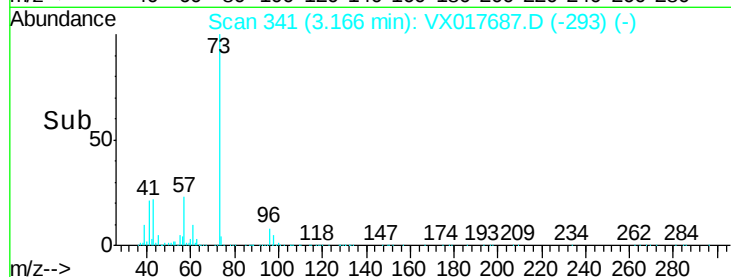
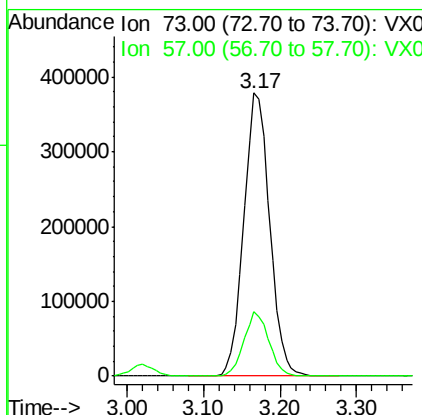
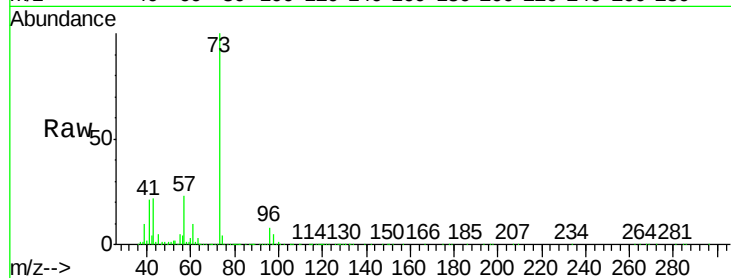


#19

Methyl tert-butyl Ether
 Concen: 47.442 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX017687.D
 Acq: 30 Jul 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

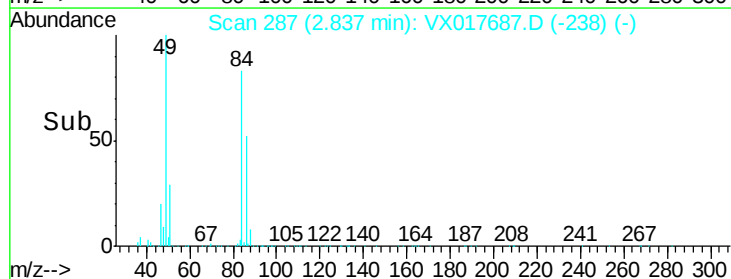
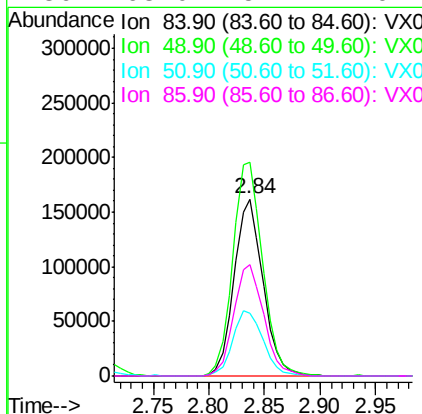
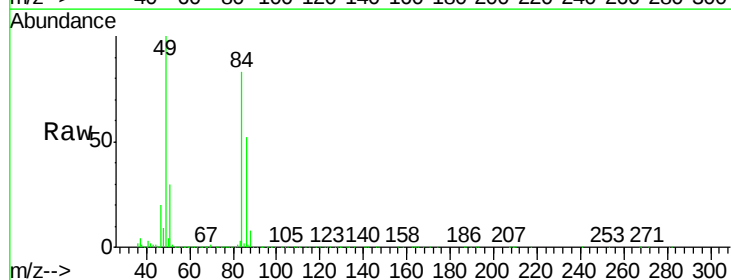
Tot Ion: 73 Resp: 890913
 Ion Ratio Lower Upper
 73 100
 57 22.7 17.0 25.4

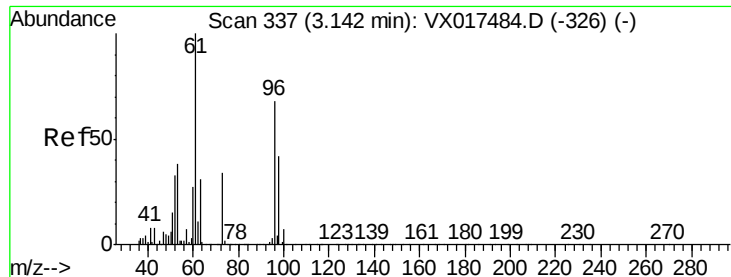


#20

Methylene Chloride
 Concen: 52.408 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017687.D
 Acq: 30 Jul 2020 17:28

Tgt Ion: 84 Resp: 292783
 Ion Ratio Lower Upper
 84 100
 49 120.4 100.3 150.5
 51 35.6 30.5 45.7
 86 63.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 46.686 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

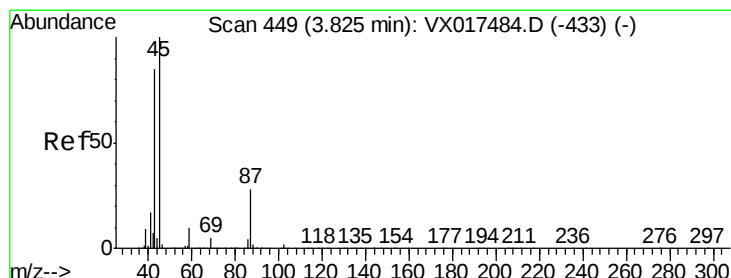
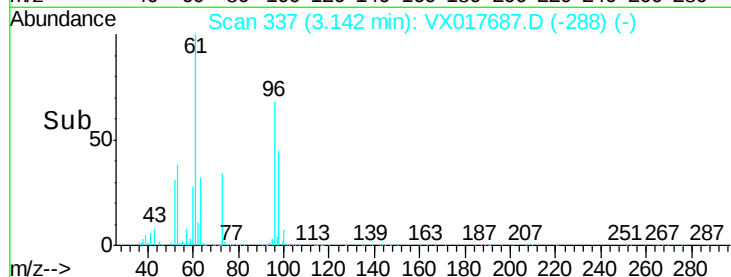
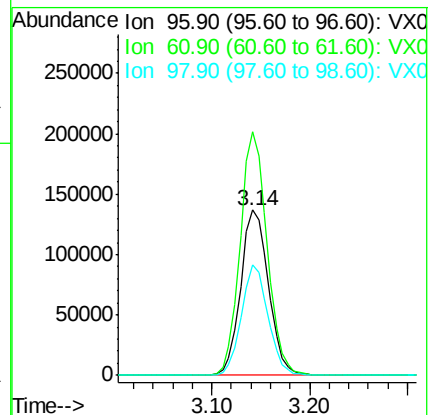
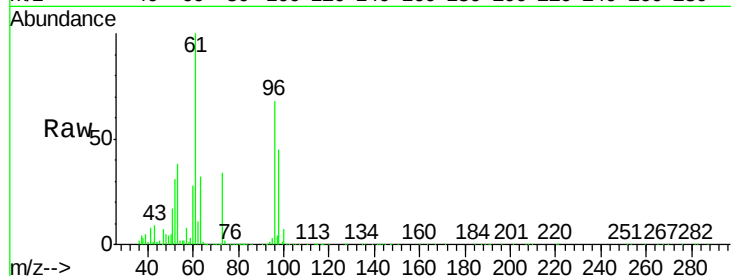
Tot Ion: 96 Resp: 271353

Ion Ratio Lower Upper

96 100

61 147.5 113.0 169.4

98 66.8 51.8 77.8



#22

Diisopropyl ether

Concen: 48.204 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Tgt Ion: 45 Resp: 873200

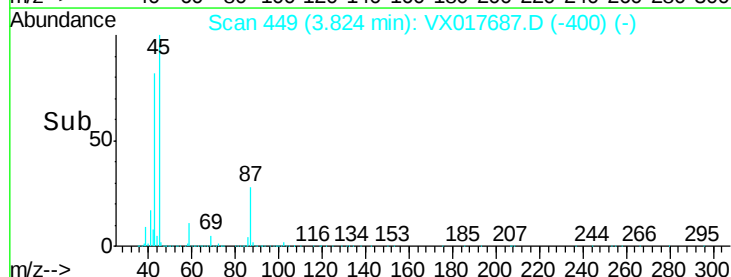
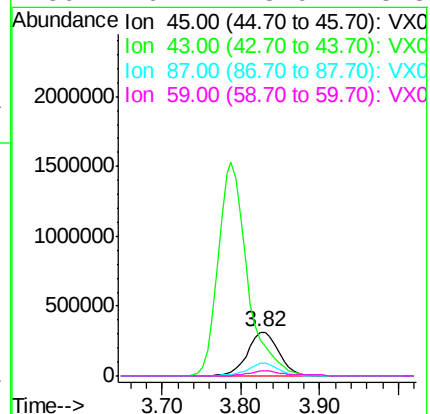
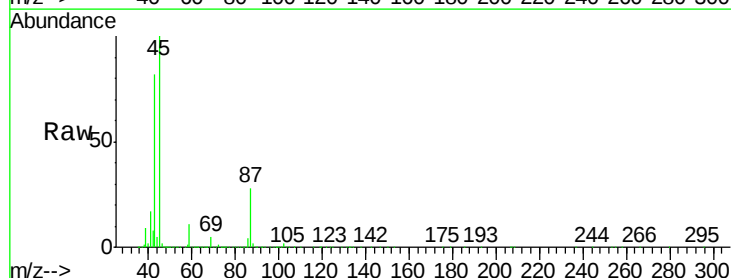
Ion Ratio Lower Upper

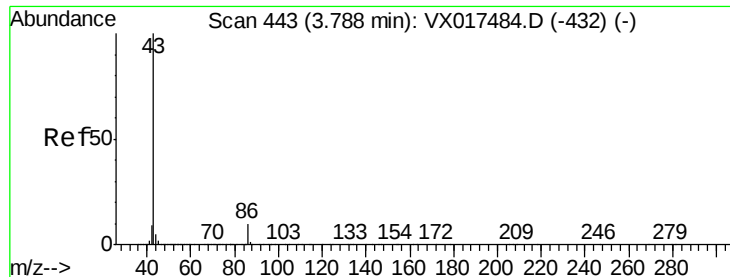
45 100

43 81.9 52.0 78.0#

87 28.3 22.2 33.4

59 10.7 8.9 13.3





#23

Vinyl Acetate

Concen: 243.645 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

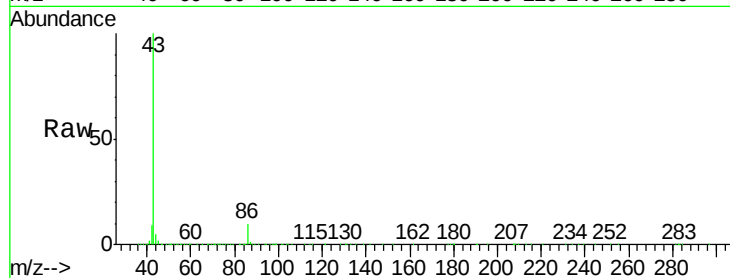
VSTDCCC050EC

Tot Ion: 43 Resp: 3935207

Ion Ratio Lower Upper

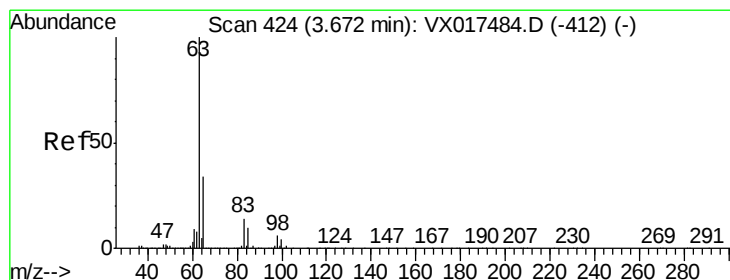
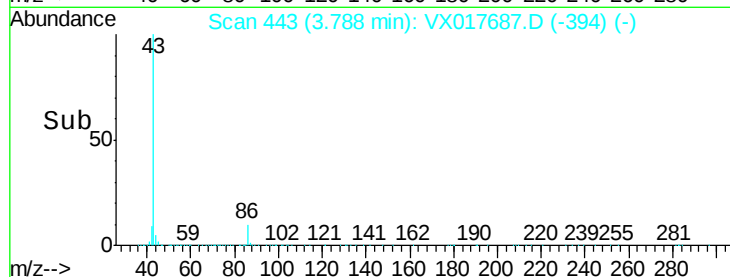
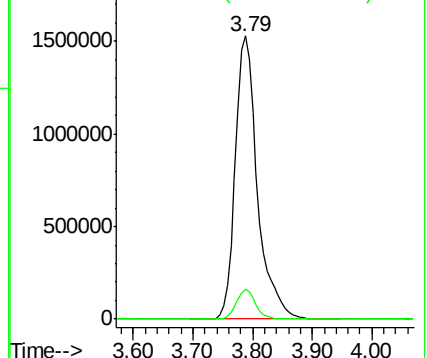
43 100

86 10.5 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.685 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

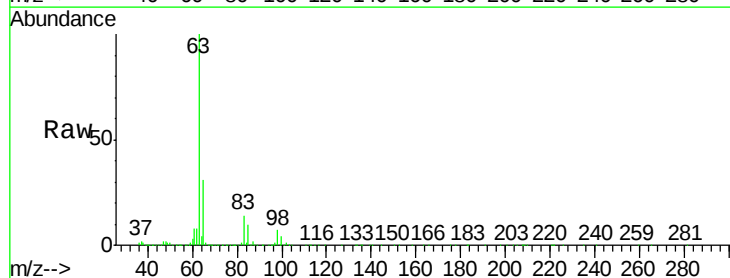
Tgt Ion: 63 Resp: 497589

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

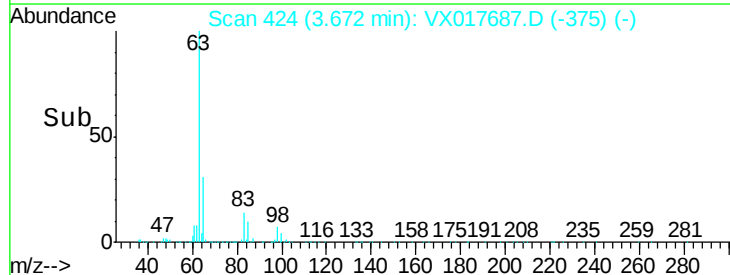
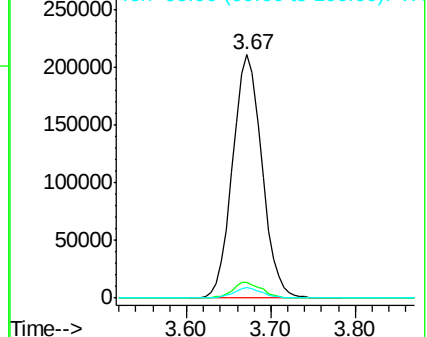
100 4.3 1.9 5.7

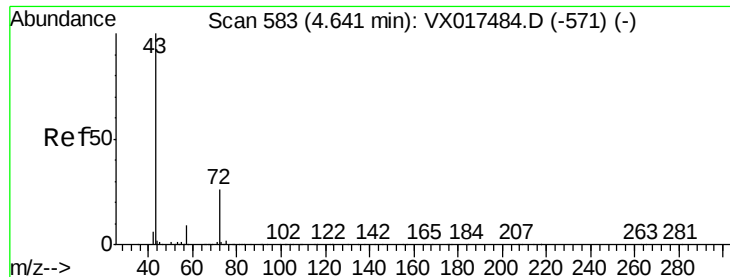


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 242.498 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

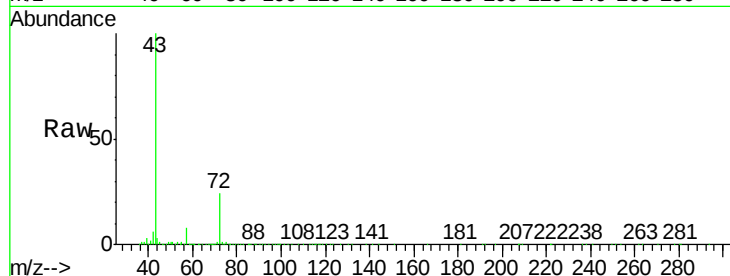
VSTDCCC050EC

Tot Ion: 43 Resp: 1023078

Ion Ratio Lower Upper

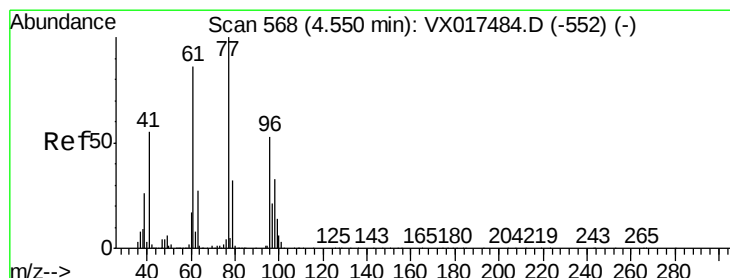
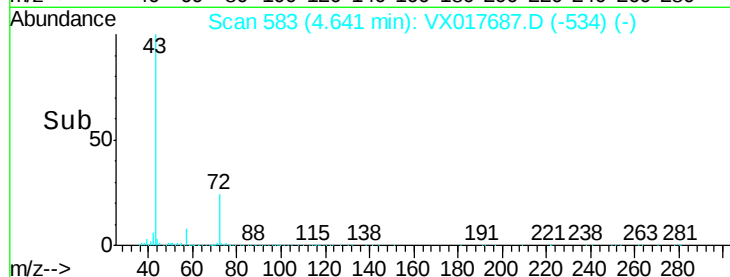
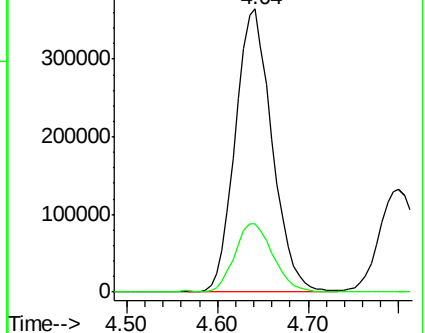
43 100

72 24.0 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.960 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017687.D

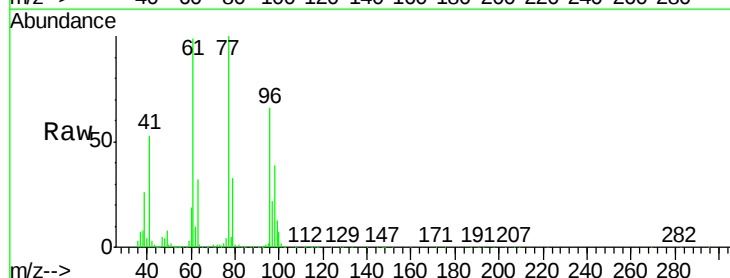
Acq: 30 Jul 2020 17:28

Tgt Ion: 77 Resp: 447986

Ion Ratio Lower Upper

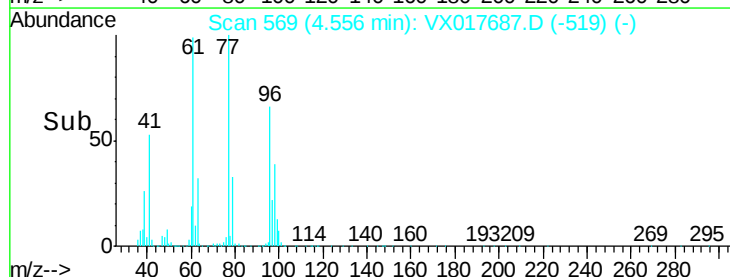
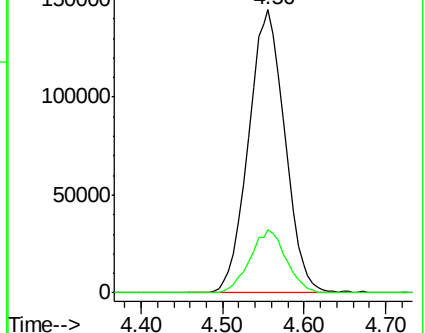
77 100

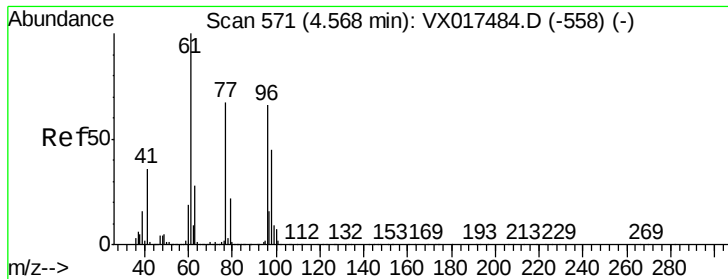
97 22.3 10.9 32.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



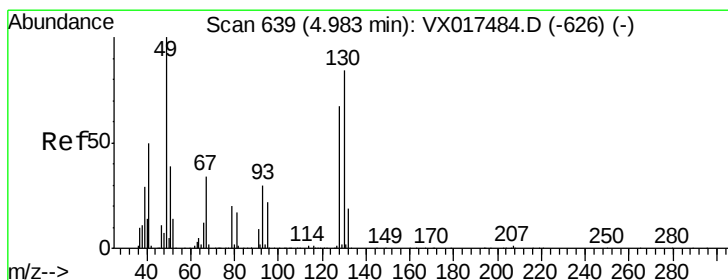
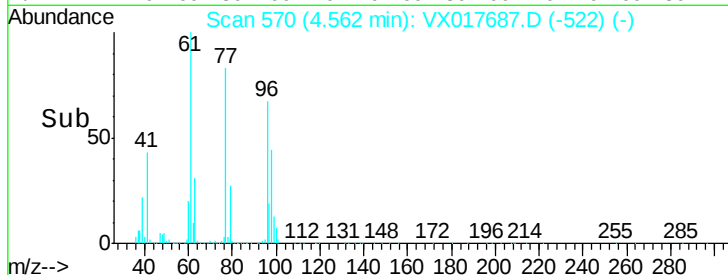
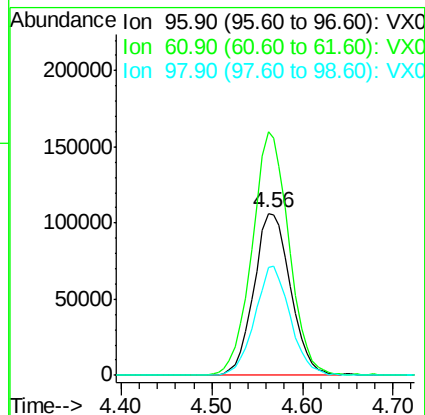
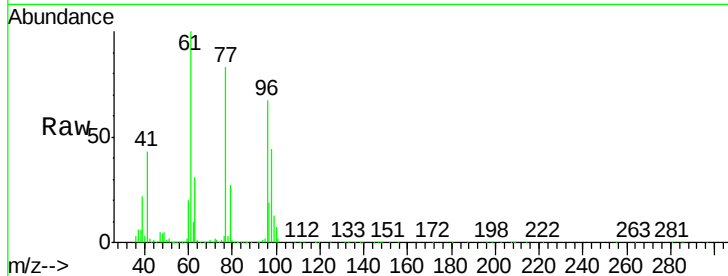


#27

cis-1,2-Dichloroethene
Concen: 47.267 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

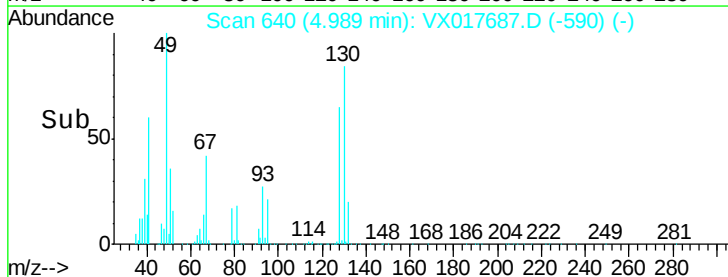
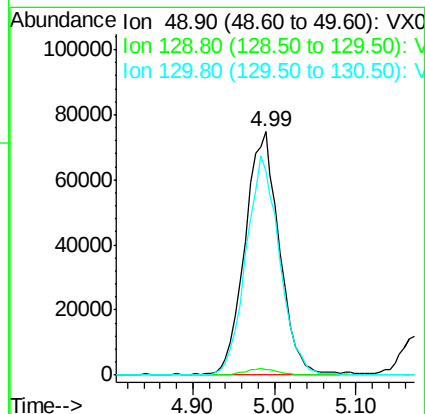
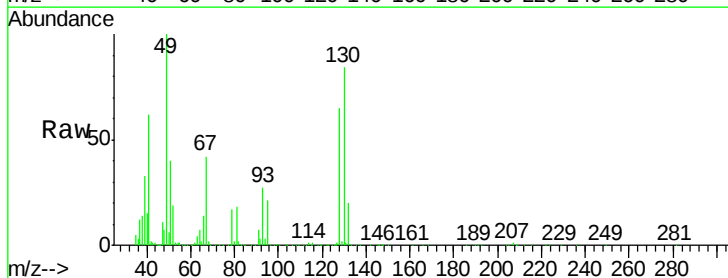
Tot Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	301.2
98	65.0	0.0	130.0

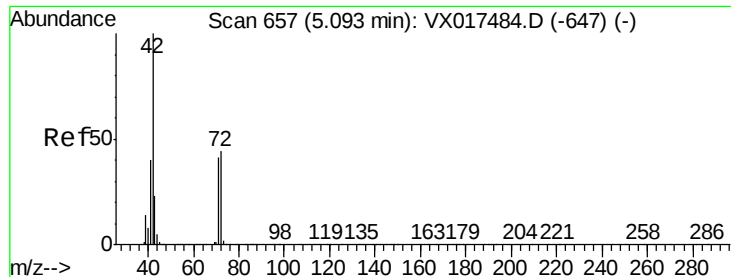


#28

Bromochloromethane
Concen: 46.332 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	88.0	66.7	100.1





#29

Tetrahydrofuran

Concen: 246.698 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

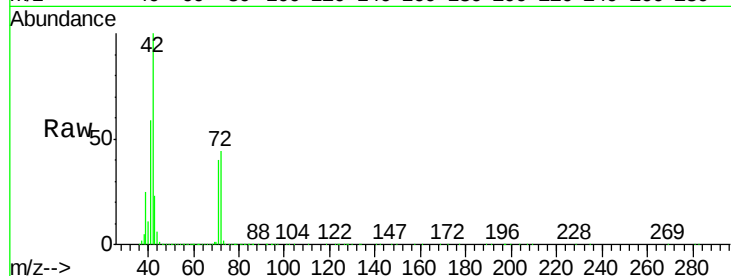
Tot Ion: 42 Resp: 644696

Ion Ratio Lower Upper

42 100

72 44.5 35.5 53.3

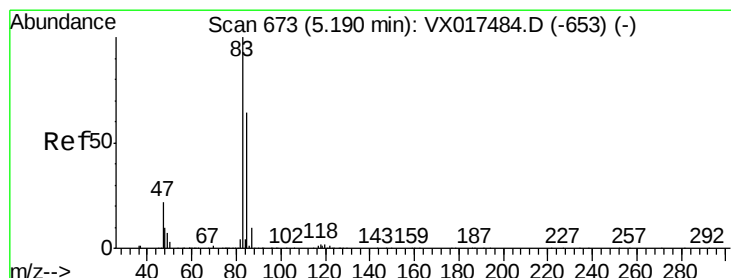
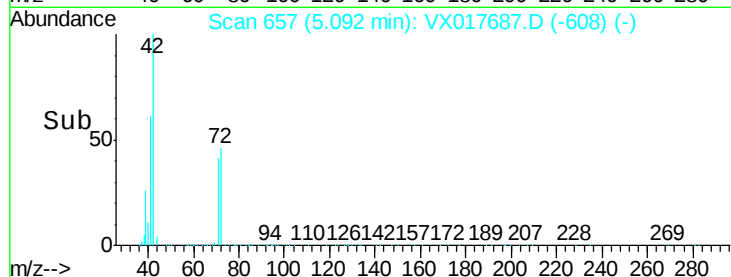
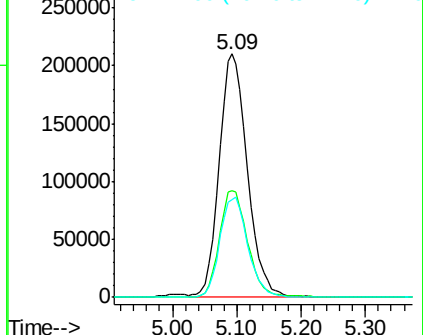
71 41.0 33.0 49.4



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: 48.734 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017687.D

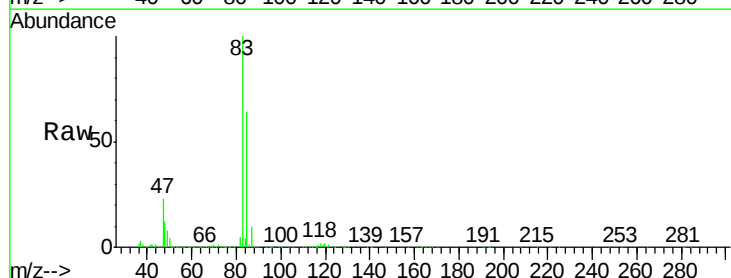
Acq: 30 Jul 2020 17:28

Tgt Ion: 83 Resp: 519617

Ion Ratio Lower Upper

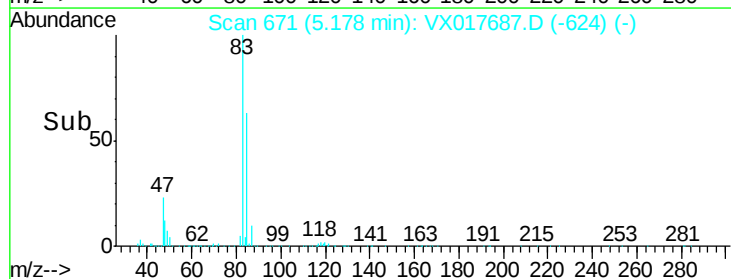
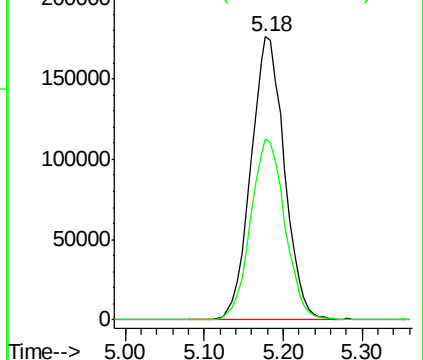
83 100

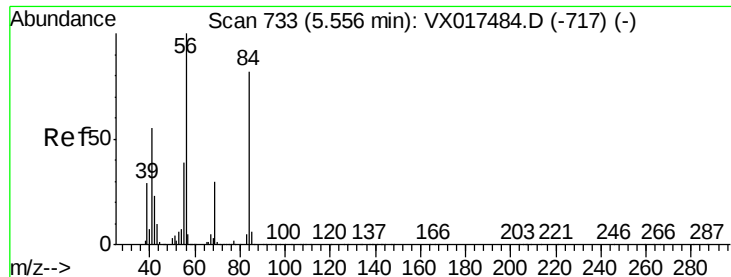
85 63.6 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 46.656 ug/l

RT: 5.56 min Scan# 733

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

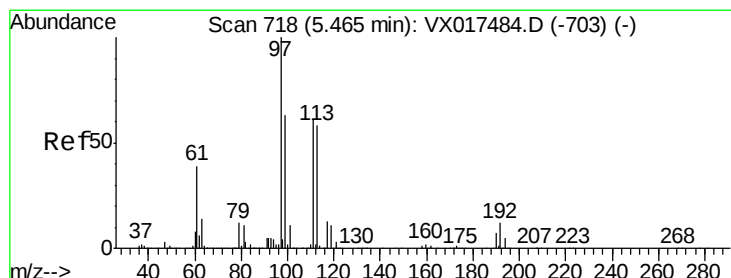
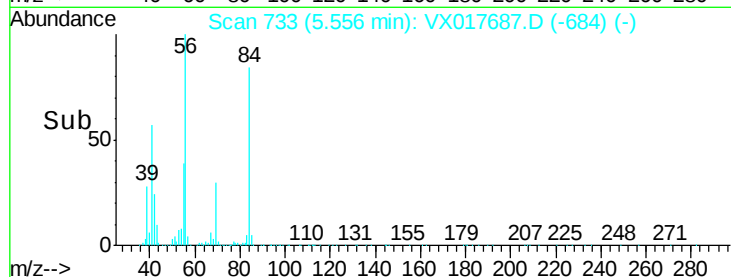
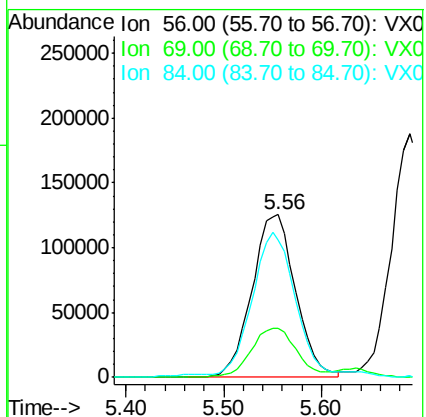
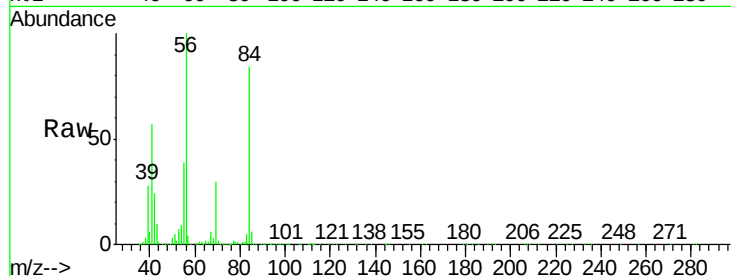
Tot Ion: 56 Resp: 388242

Ion Ratio Lower Upper

56 100

69 30.0 24.2 36.4

84 82.1 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 49.107 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

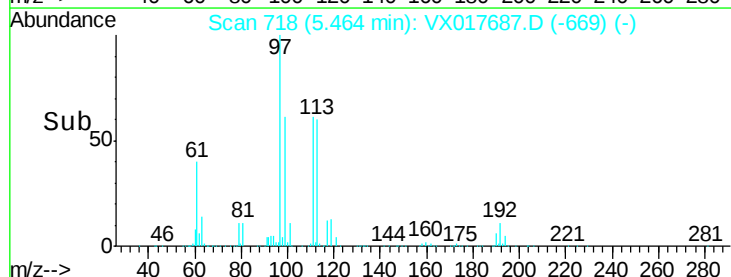
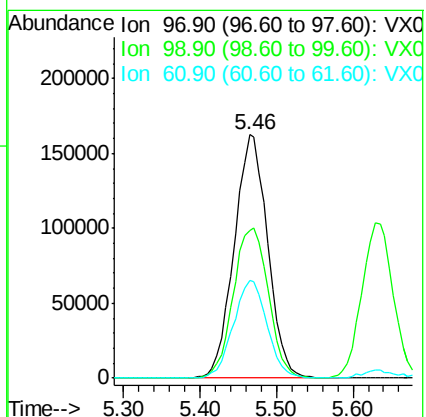
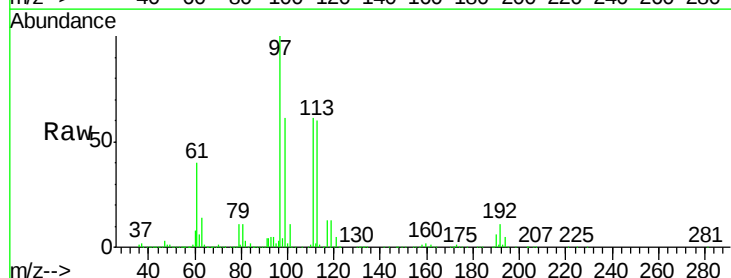
Tgt Ion: 97 Resp: 493739

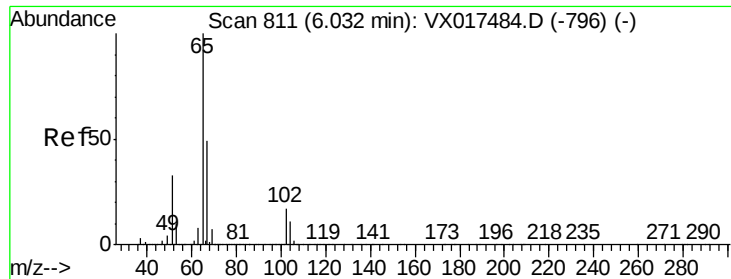
Ion Ratio Lower Upper

97 100

99 64.7 51.9 77.9

61 40.4 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 55.070 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

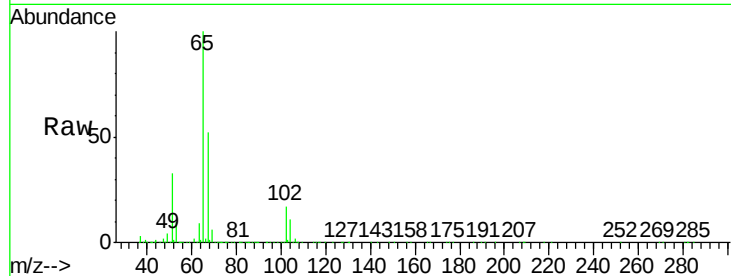
VSTDCCC050EC

Tot Ion: 65 Resp: 371583

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

150000

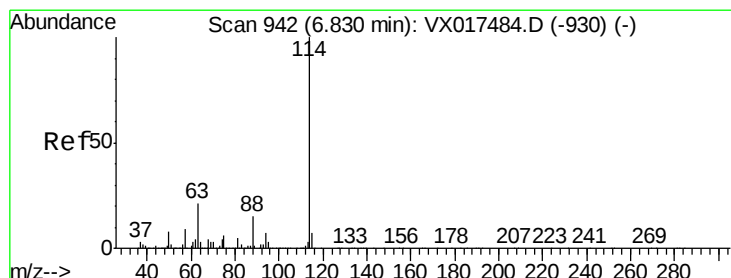
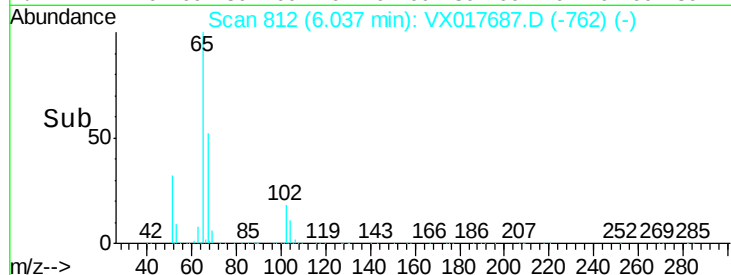
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

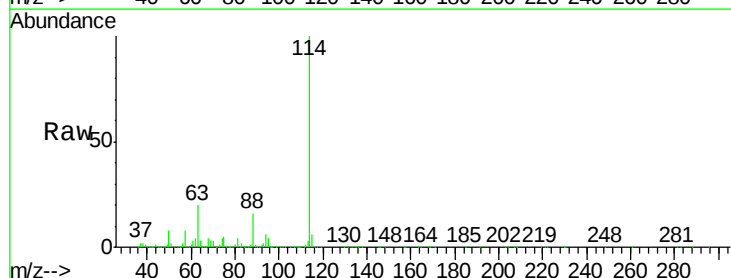
Tgt Ion: 114 Resp: 778326

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

88 15.6 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

300000

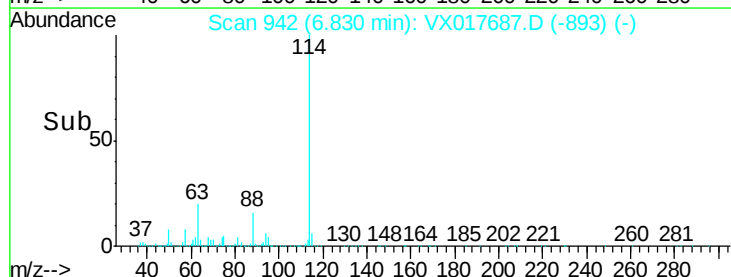
200000

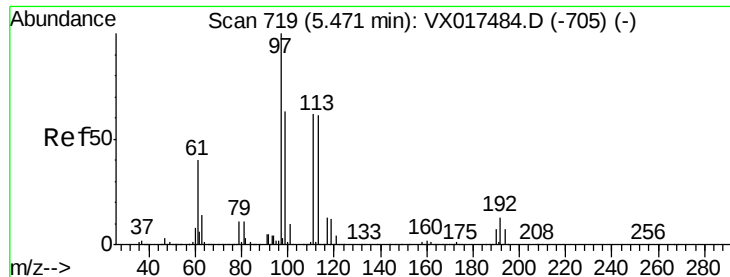
100000

0

Time-->

6.70 6.80 6.90 7.00

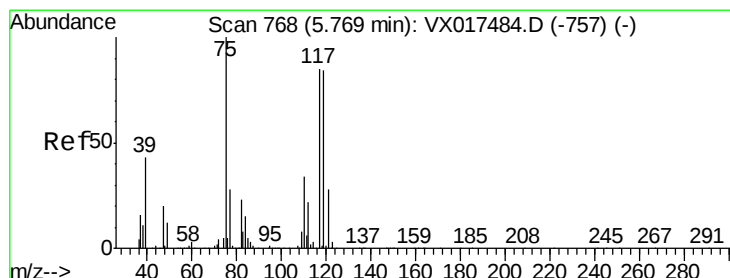
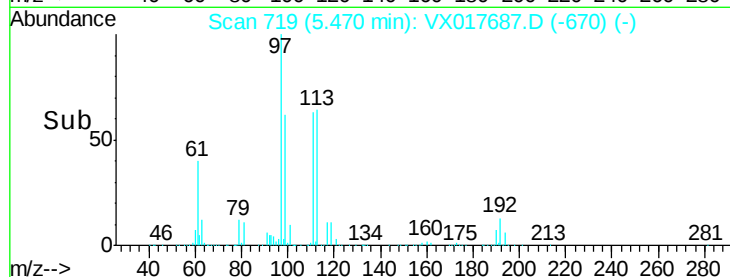
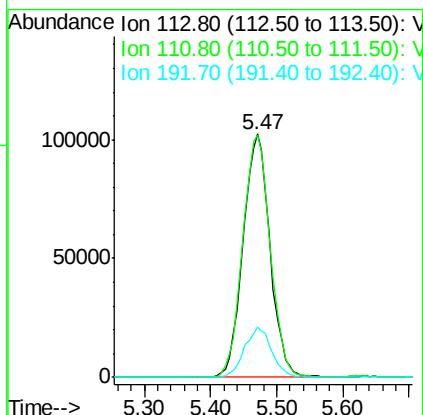
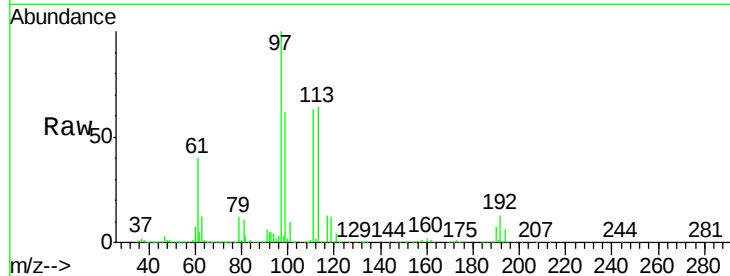




#35
Dibromofluoromethane
Concen: 55.786 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

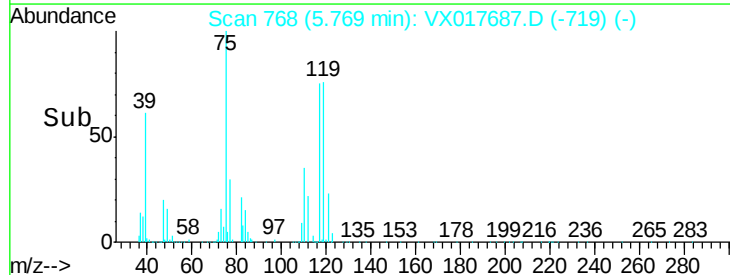
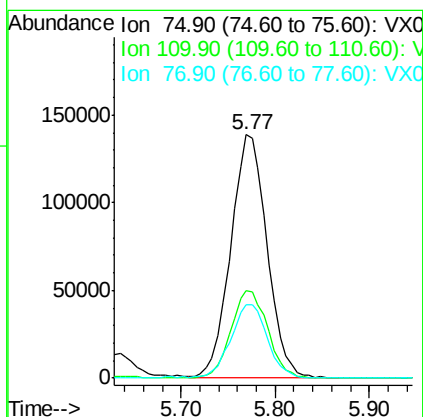
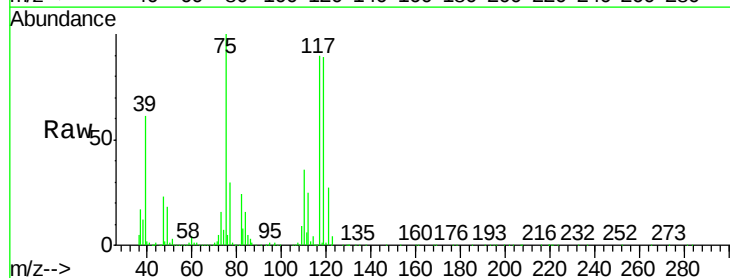
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

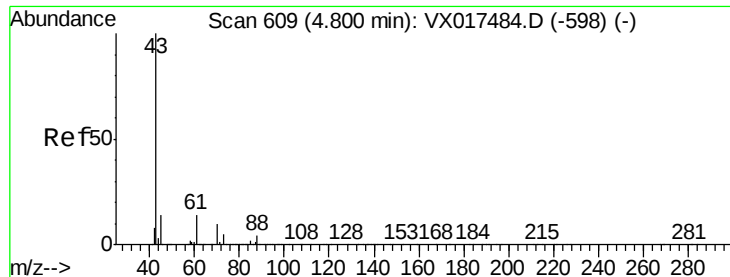
Tot Ion:113 Resp: 290393
Ion Ratio Lower Upper
113 100
111 101.8 80.7 121.1
192 20.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 49.711 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

Tgt Ion: 75 Resp: 371086
Ion Ratio Lower Upper
75 100
110 36.4 18.1 54.3
77 30.9 24.6 37.0

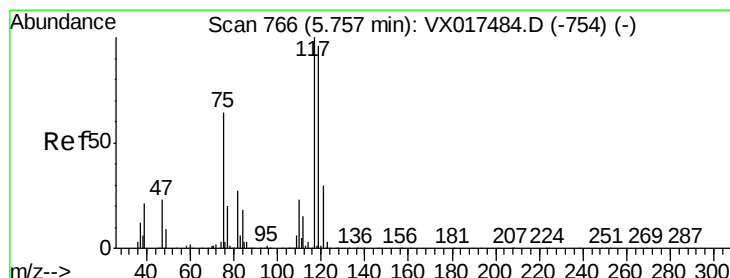
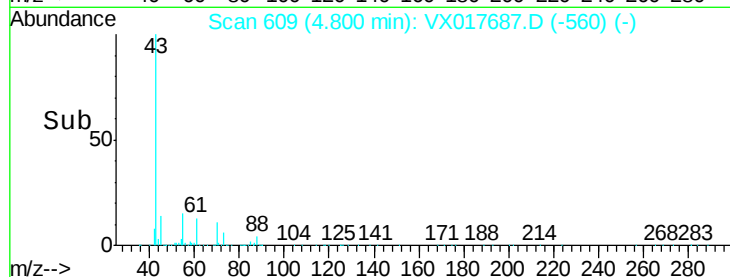
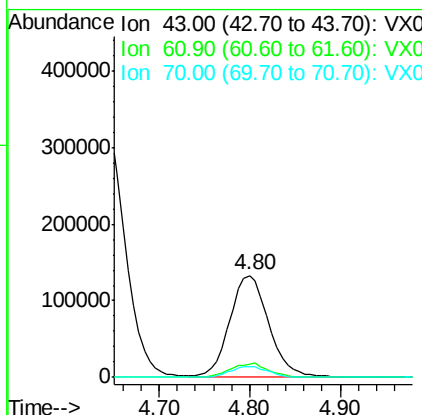
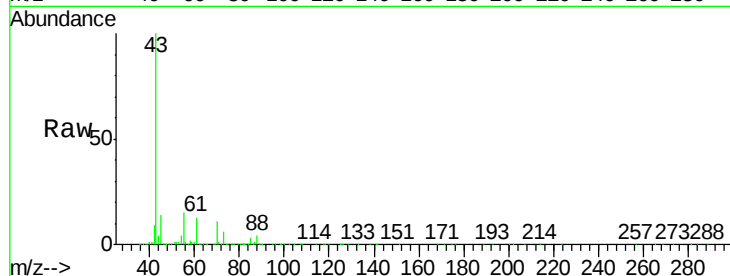




#37
Ethyl Acetate
Concen: 47.975 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

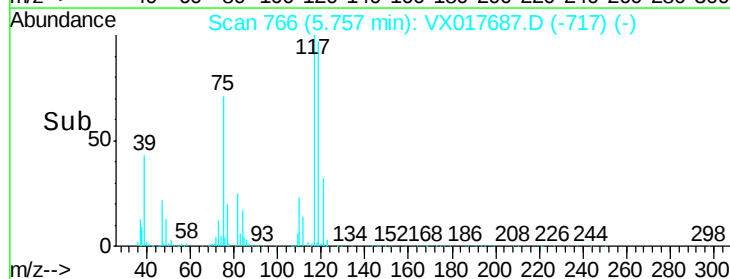
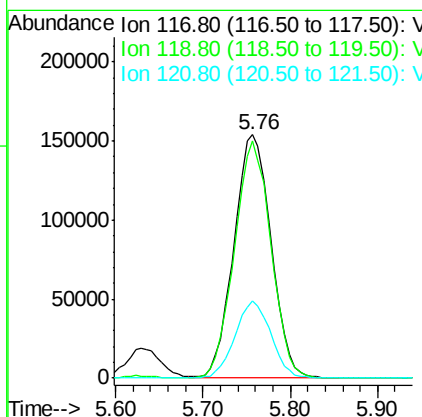
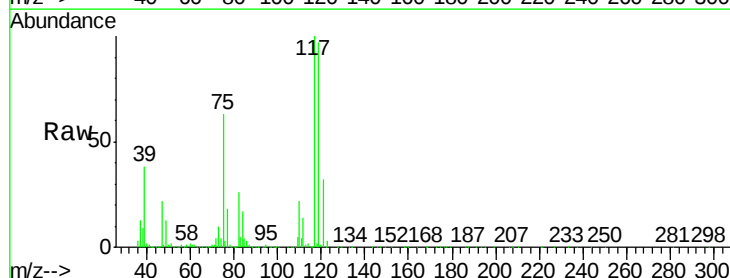
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

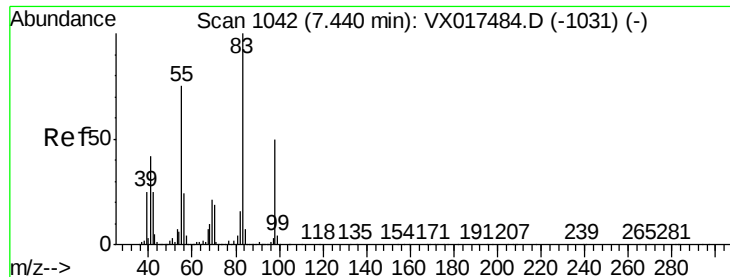
Tot Ion	43	Resp	391843
Ion Ratio	Lower	Upper	
43	100		
61	13.6	10.7	16.1
70	10.9	8.5	12.7



#38
Carbon Tetrachloride
Concen: 50.262 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

Tgt Ion	117	Resp	455623
Ion Ratio	Lower	Upper	
117	100		
119	97.3	75.4	113.0
121	31.6	24.3	36.5

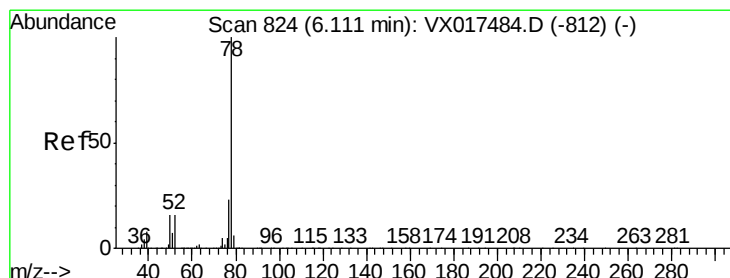
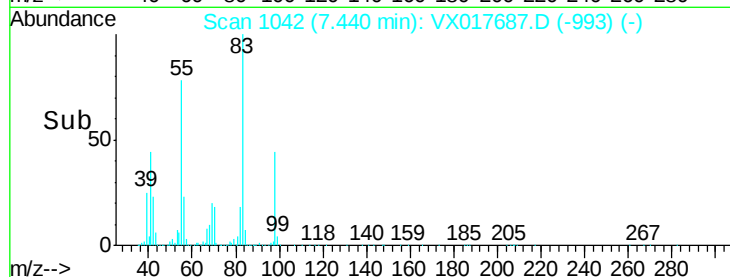
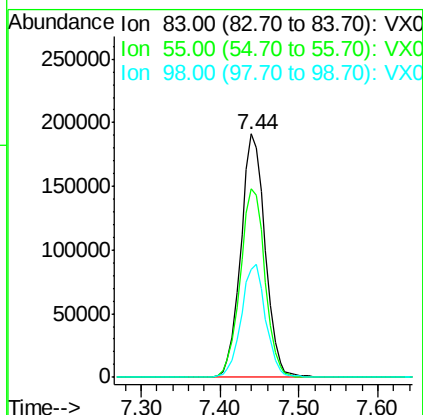
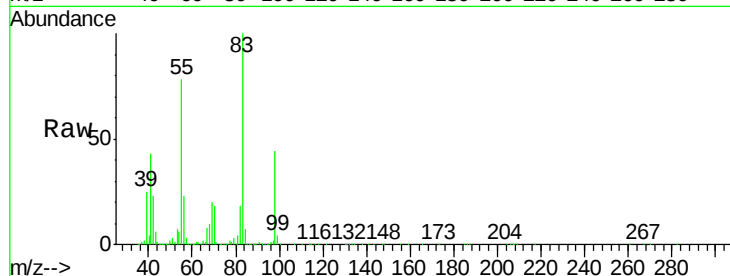




#39
Methvlcvclohexane
Concen: 47.091 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

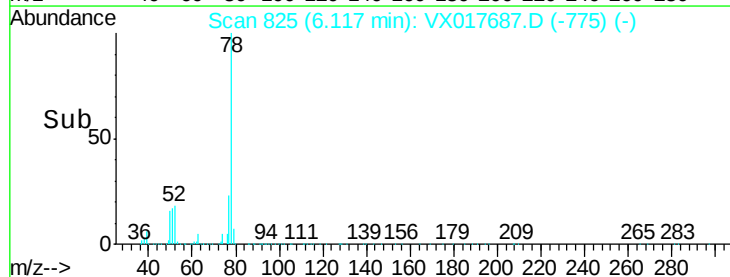
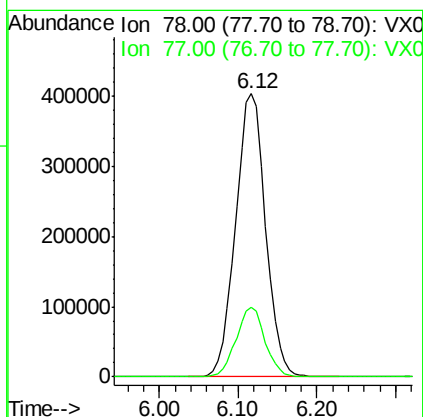
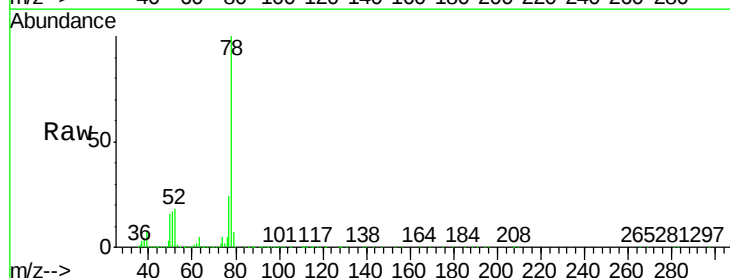
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

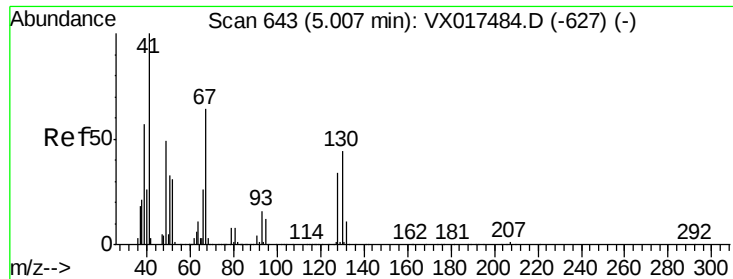
Tot Ion: 83 Resp: 410365
Ion Ratio Lower Upper
83 100
55 77.4 61.8 92.8
98 44.2 36.9 55.3



#40
Benzene
Concen: 49.820 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

Tgt Ion: 78 Resp: 1066227
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.2

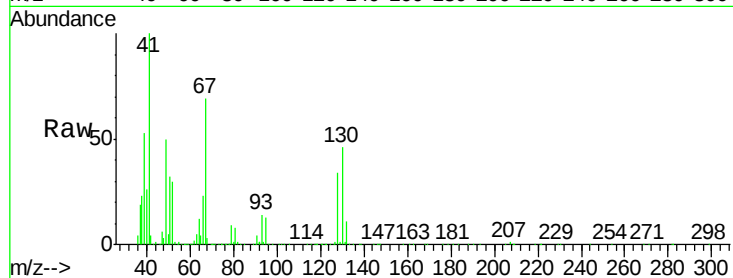




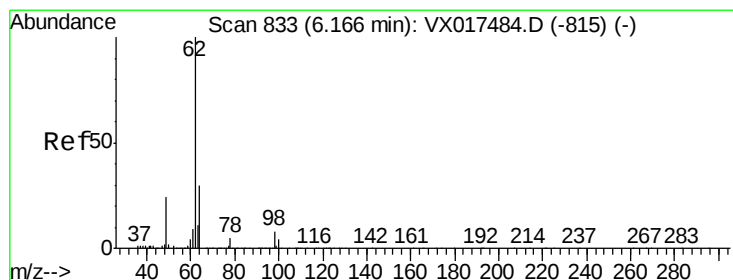
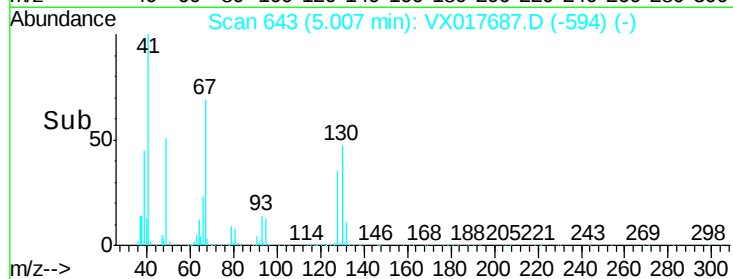
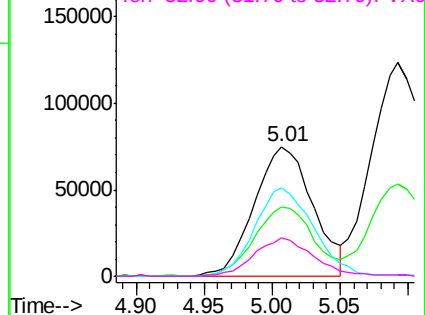
#41
Methacrylonitrile
Concen: 47.686 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	223249
Ion	Ratio	Lower	Upper
41	100		
39	54.3	43.9	65.9
67	69.7	54.0	81.0
52	29.3	23.0	34.6

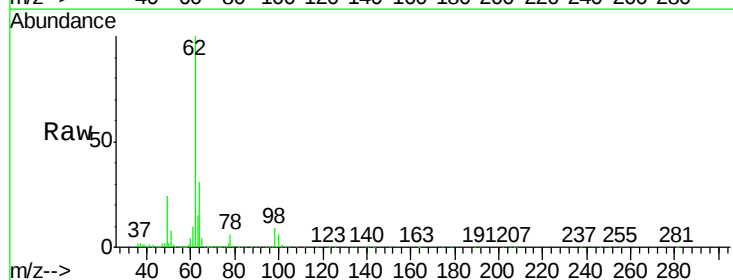


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

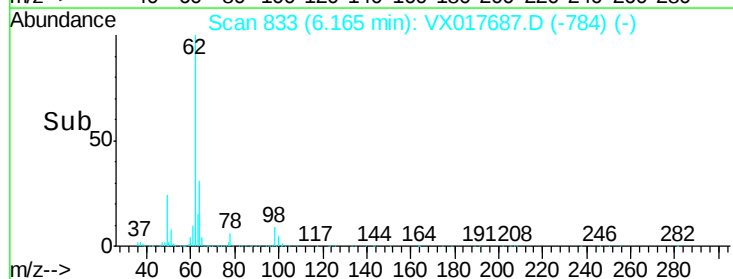
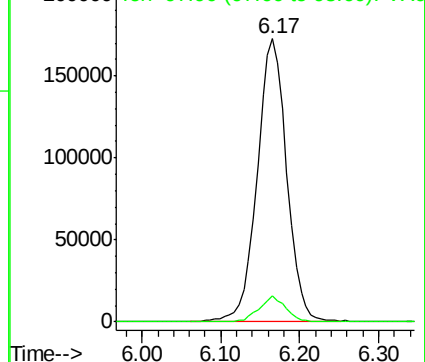


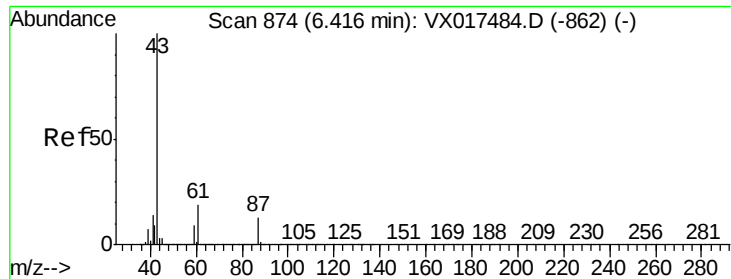
#42
1,2-Dichloroethane
Concen: 51.375 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

Tgt Ion:	62	Resp:	449808
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.0



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



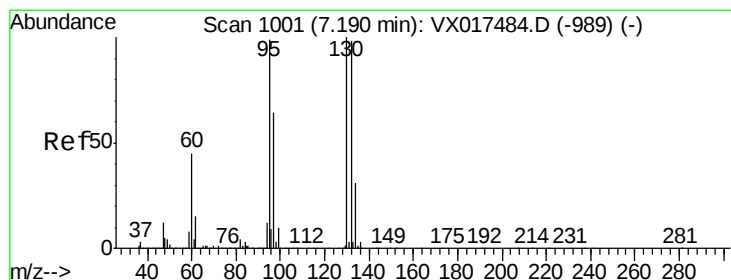
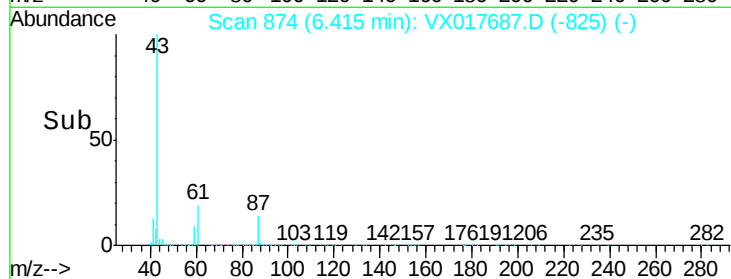
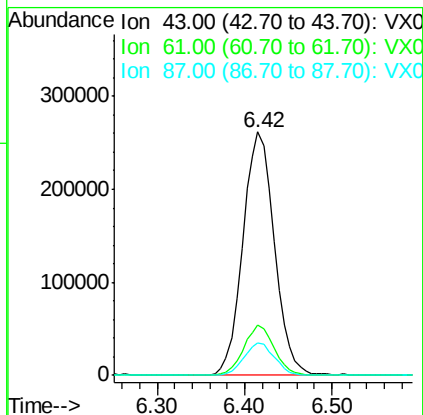
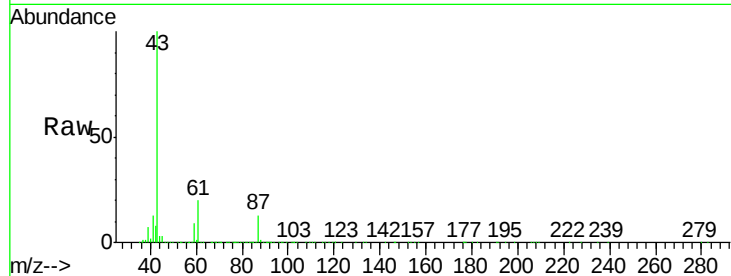


#43

Isopropyl Acetate
 Concen: 48.317 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017687.D
 Acq: 30 Jul 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

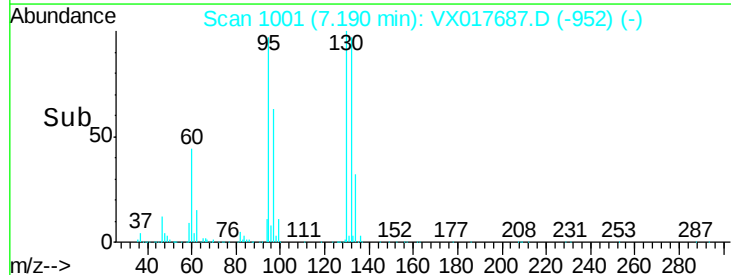
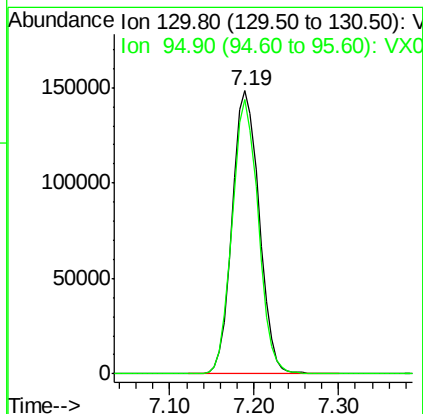
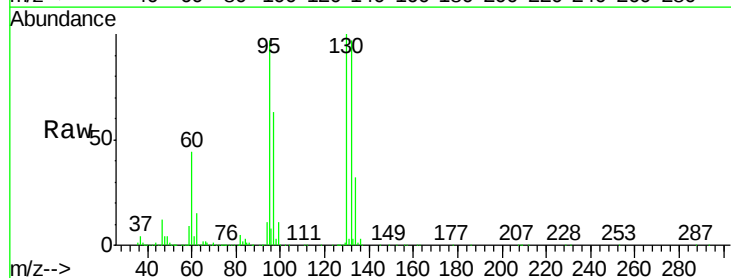
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.5	23.3
87	13.3	10.5	15.7

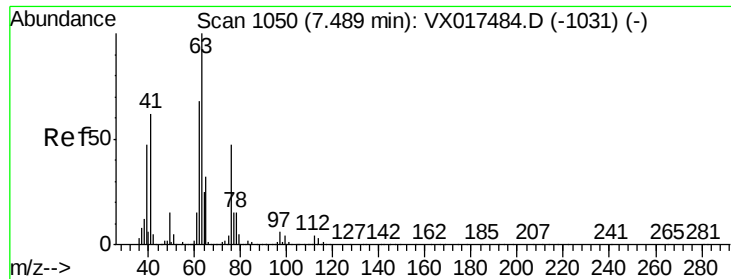


#44

Trichloroethene
 Concen: 51.246 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017687.D
 Acq: 30 Jul 2020 17:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	189.0

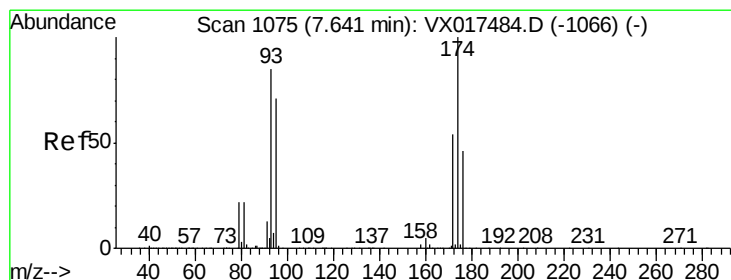
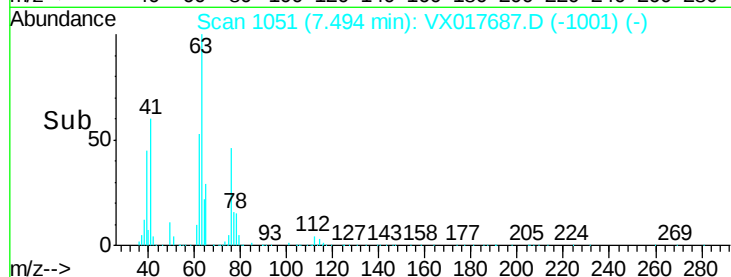
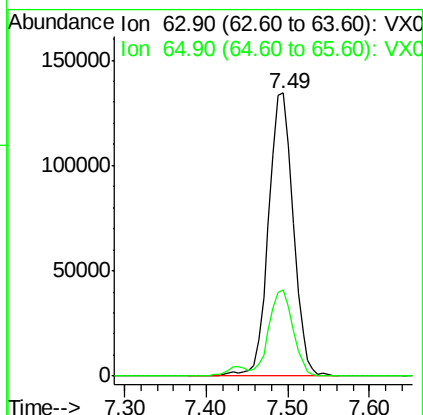
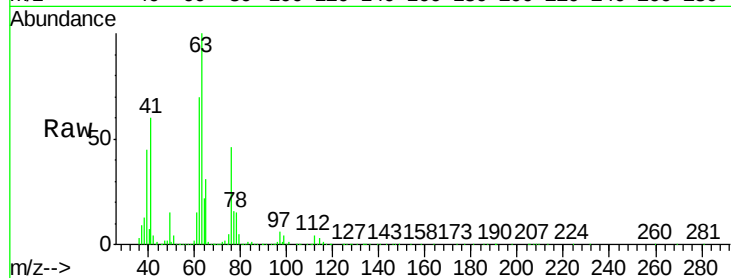




#45
 1,2-Dichloropropane
 Concen: 47.476 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017687.D
 Acq: 30 Jul 2020 17:28

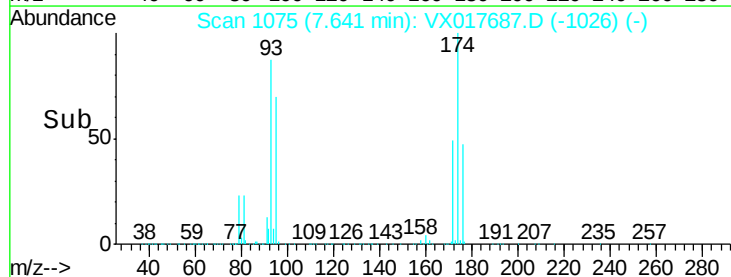
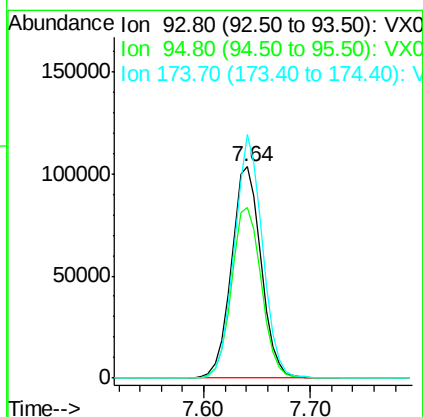
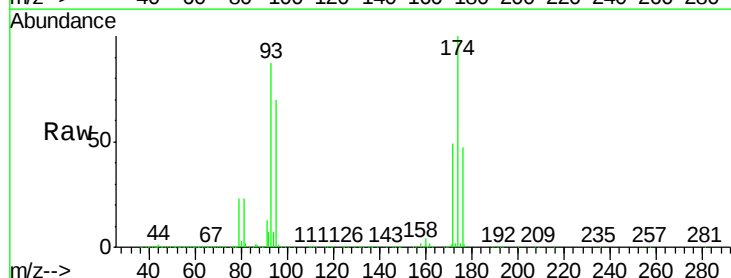
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

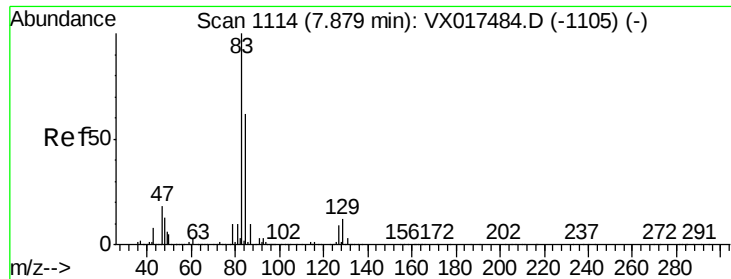
Tot Ion: 63 Resp: 281666
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.5 36.7



#46
 Dibromomethane
 Concen: 48.092 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017687.D
 Acq: 30 Jul 2020 17:28

Tgt Ion: 93 Resp: 201640
 Ion Ratio Lower Upper
 93 100
 95 81.3 66.6 99.8
 174 109.4 87.0 130.6





#47

Bromodichloromethane

Concen: 50.504 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

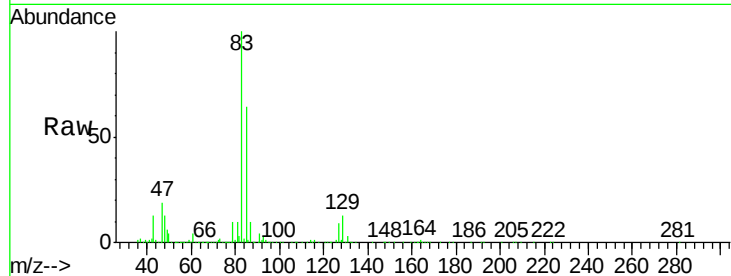
Tot Ion: 83 Resp: 426069

Ion Ratio Lower Upper

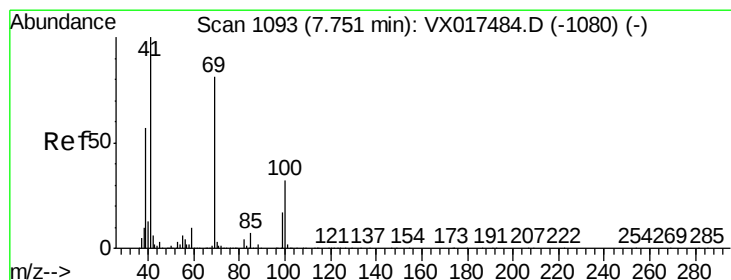
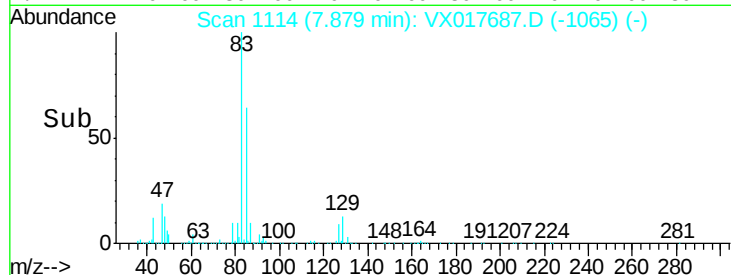
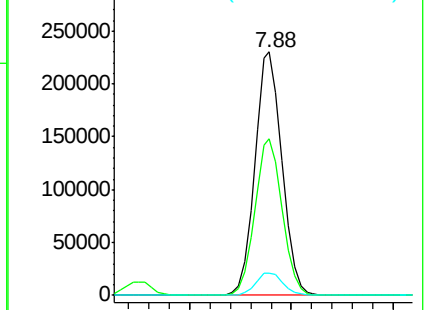
83 100

85 64.3 51.8 77.8

127 9.2 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.840 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

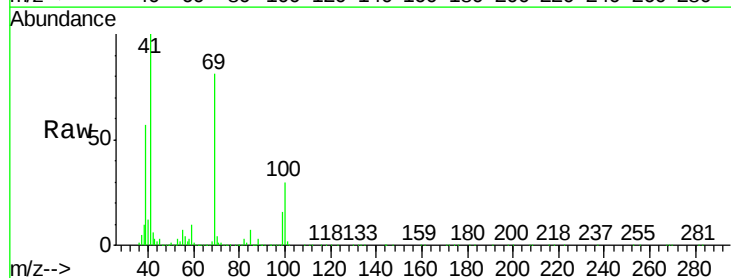
Tgt Ion: 41 Resp: 332934

Ion Ratio Lower Upper

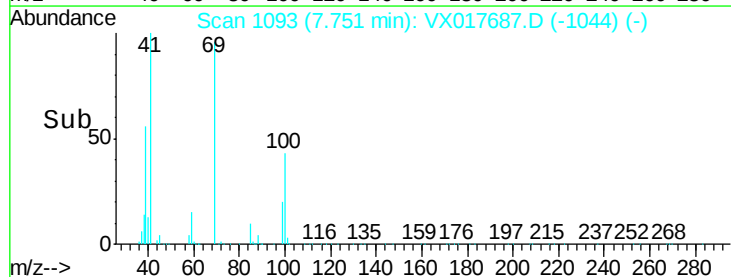
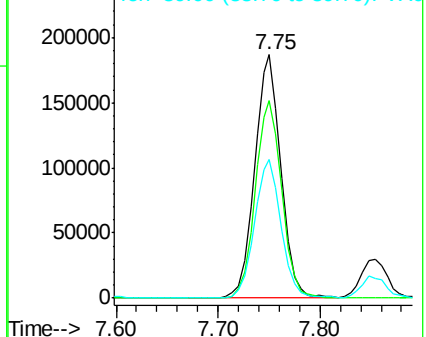
41 100

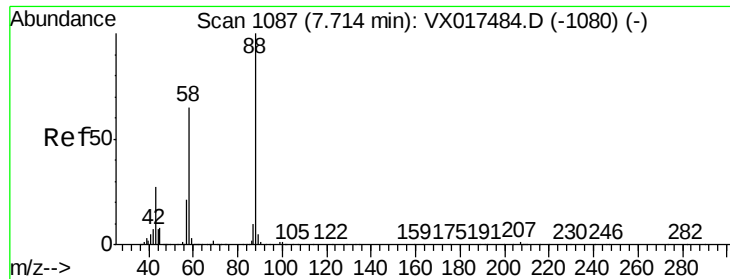
69 82.6 63.1 94.7

39 57.9 45.1 67.7



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: 993.315 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

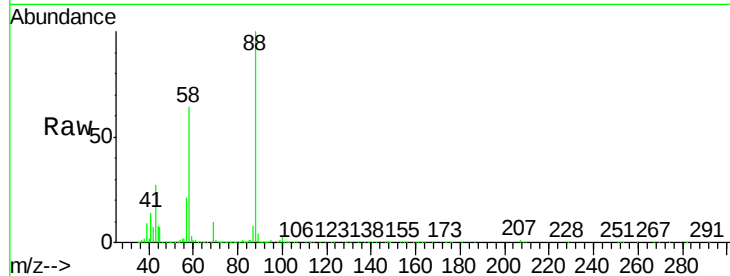
Tot Ion: 88 Resp: 127216

Ion Ratio Lower Upper

88 100

43 33.6 27.8 41.6

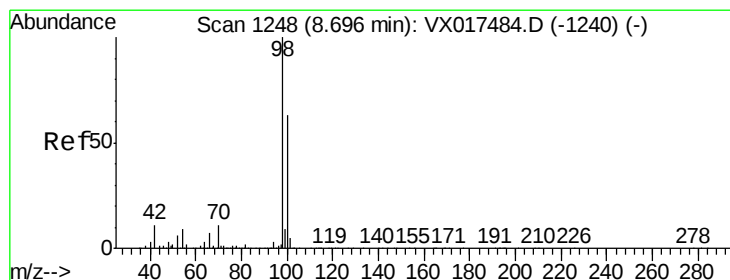
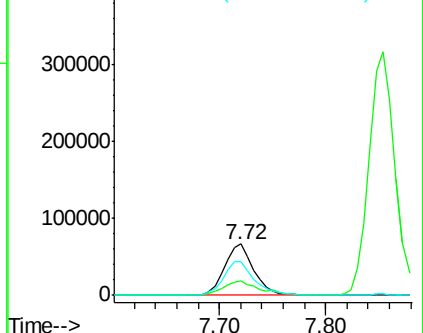
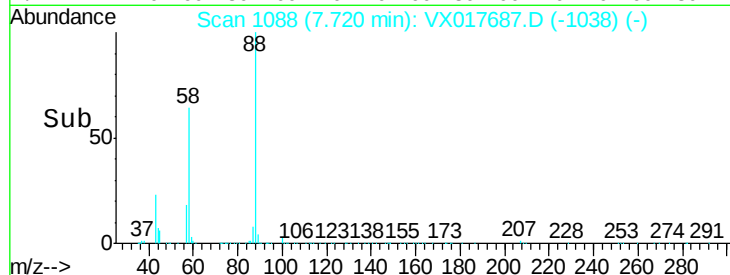
58 71.2 58.3 87.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 55.194 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017687.D

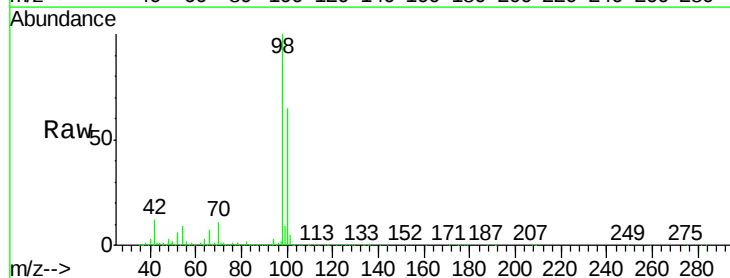
Acq: 30 Jul 2020 17:28

Tgt Ion: 98 Resp: 1036475

Ion Ratio Lower Upper

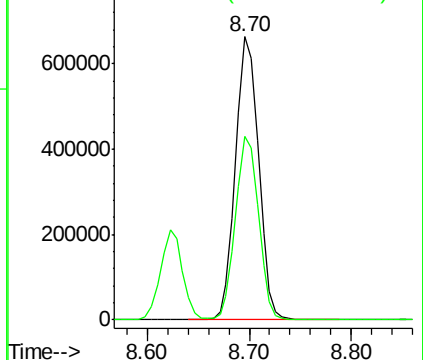
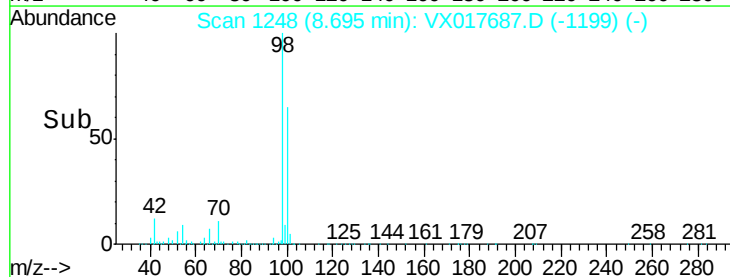
98 100

100 65.1 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 260.732 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

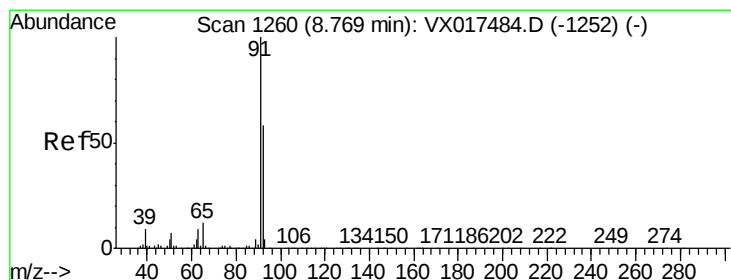
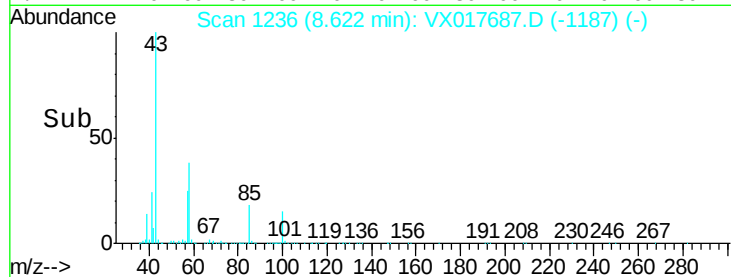
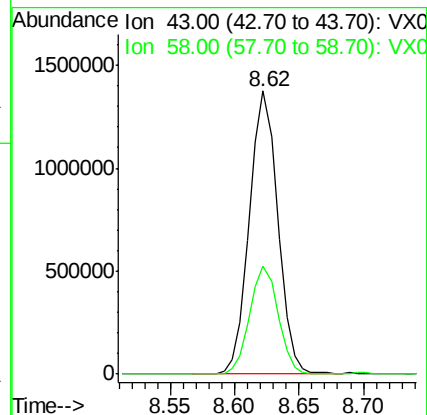
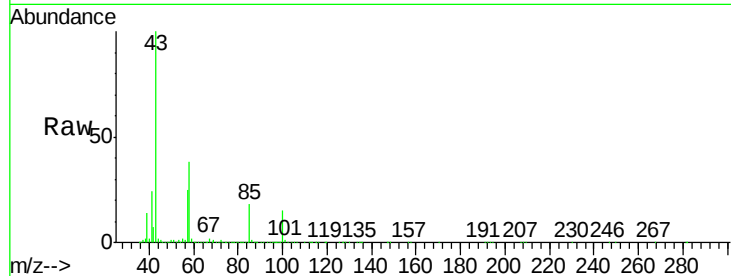
VSTDCCC050EC

Tot Ion: 43 Resp: 2096477

Ion Ratio Lower Upper

43 100

58 38.2 31.0 46.4



#52

Toluene

Concen: 50.660 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017687.D

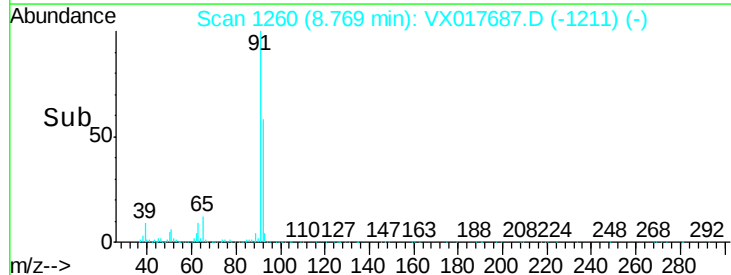
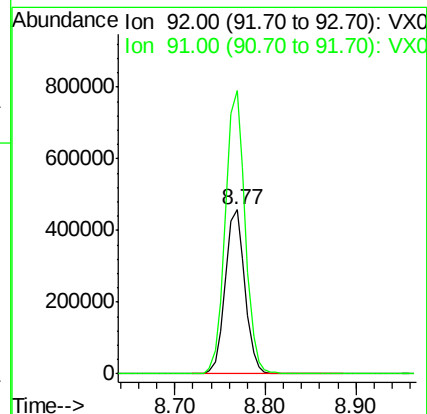
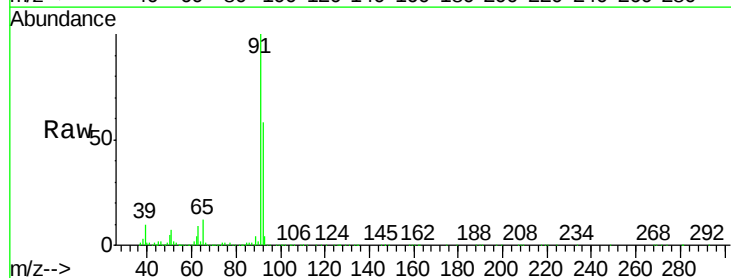
Acq: 30 Jul 2020 17:28

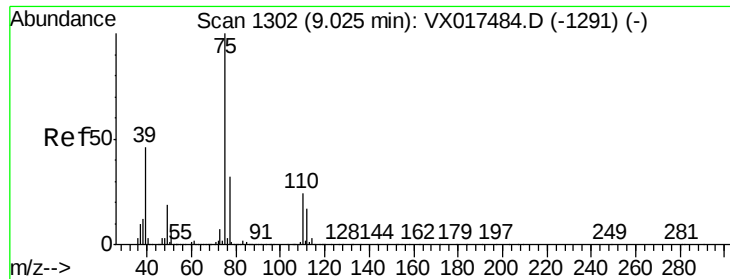
Tgt Ion: 92 Resp: 695317

Ion Ratio Lower Upper

92 100

91 173.1 137.6 206.4

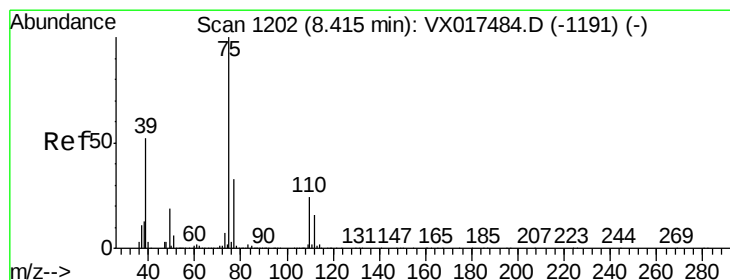
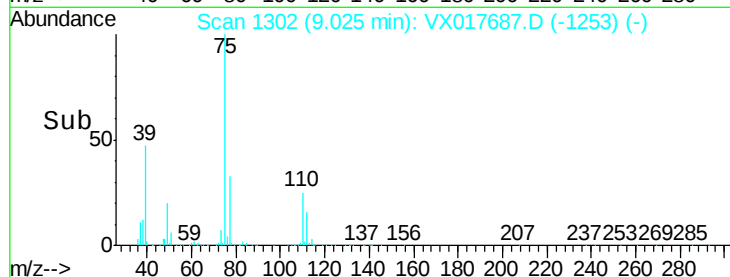
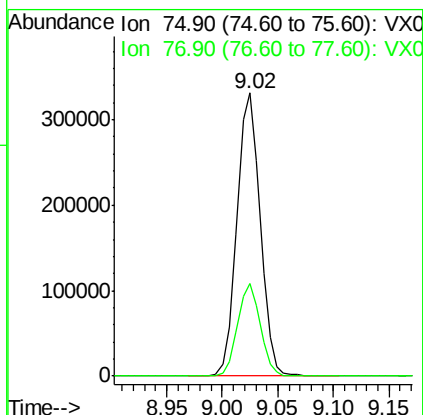
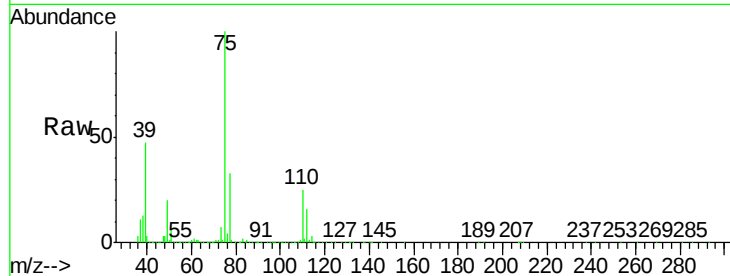




#53
t-1,3-Dichloropropene
Concen: 50.621 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

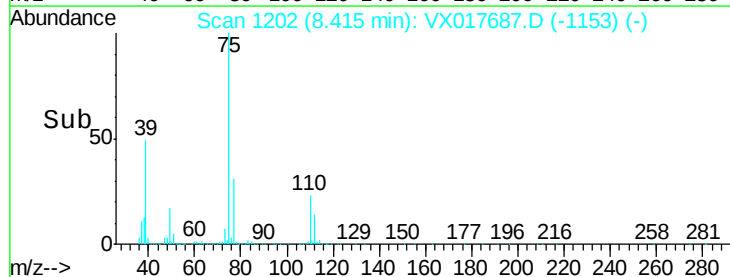
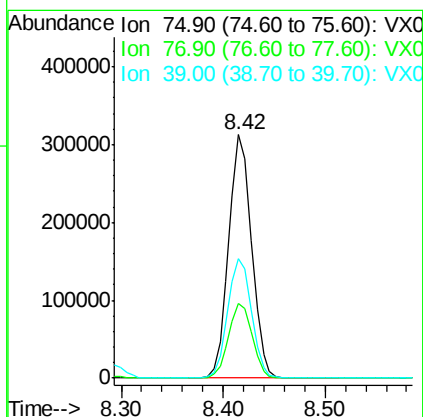
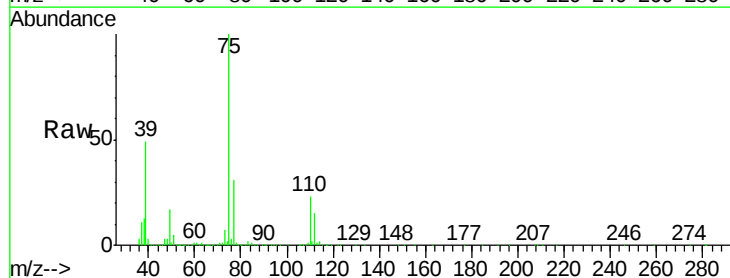
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

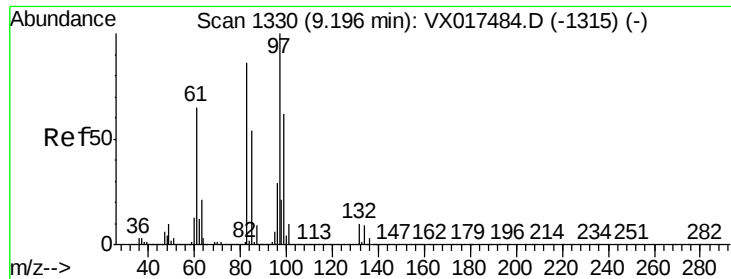
Tot Ion: 75 Resp: 478063
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 50.361 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

Tgt Ion: 75 Resp: 485111
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3
39 49.1 41.8 62.8

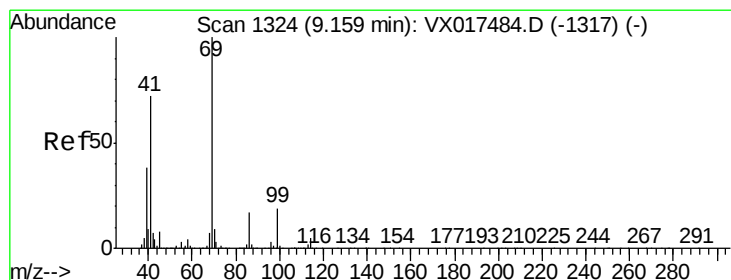
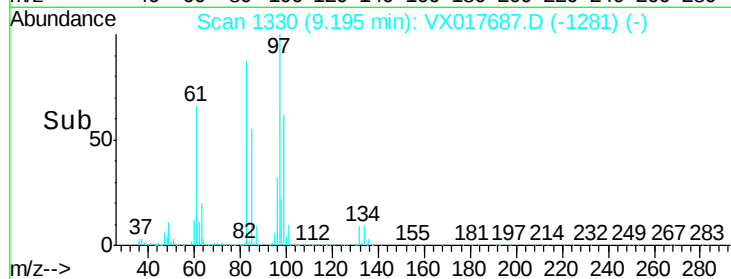
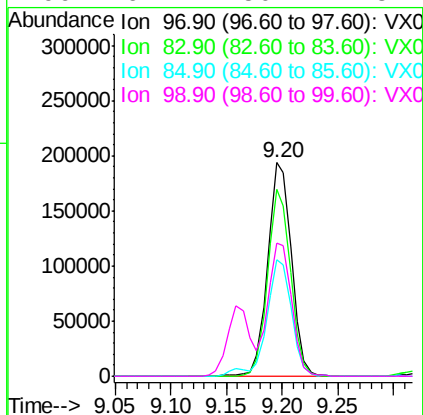
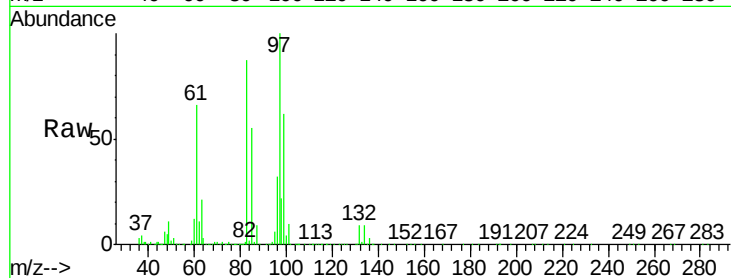




#55
 1,1,2-Trichloroethane
 Concen: 50.583 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017687.D
 Acq: 30 Jul 2020 17:28

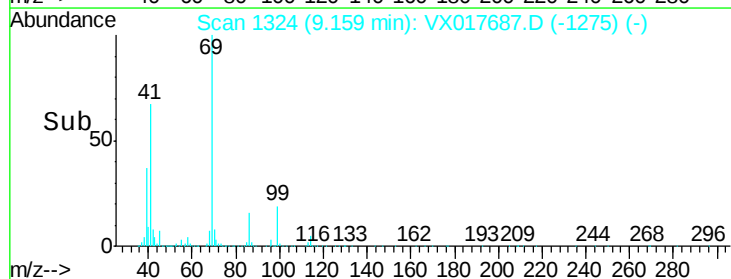
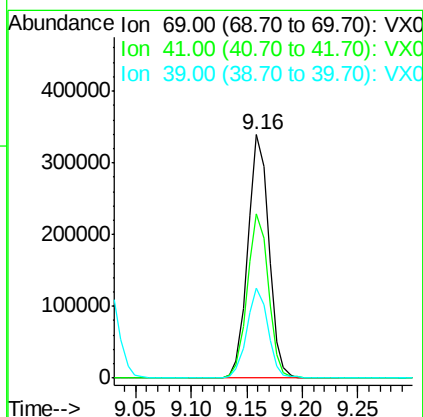
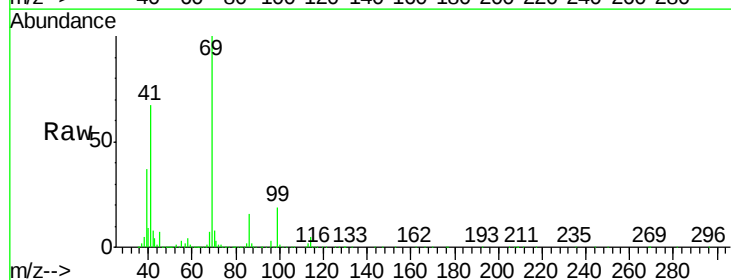
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

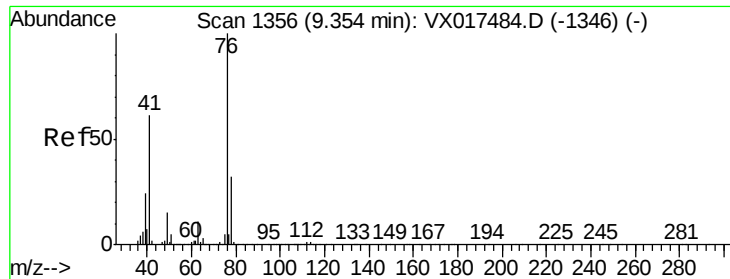
Tot Ion:	97	Resp:	289213
Ion	Ratio	Lower	Upper
97	100		
83	87.3	67.6	101.4
85	54.7	44.6	67.0
99	62.2	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 51.786 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017687.D
 Acq: 30 Jul 2020 17:28

Tgt Ion:	69	Resp:	446083
Ion	Ratio	Lower	Upper
69	100		
41	67.7	55.0	82.6
39	37.2	30.0	45.0





#57

1,3-Dichloropropane

Concen: 50.007 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

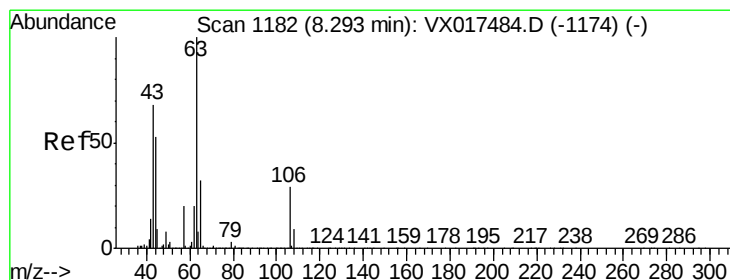
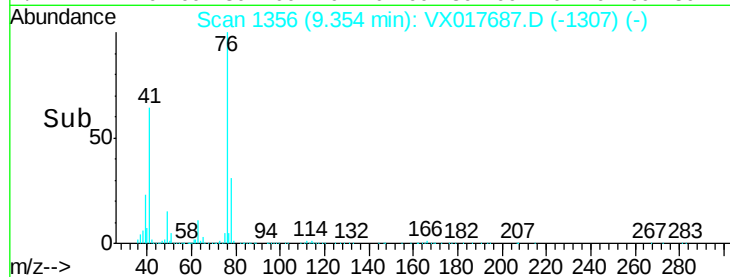
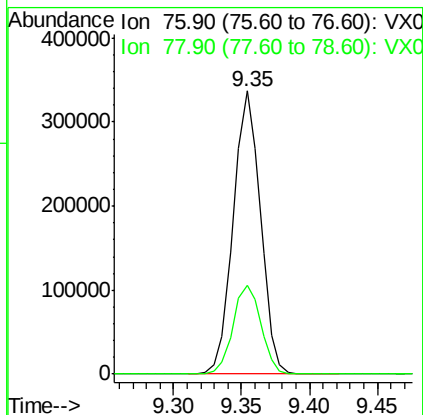
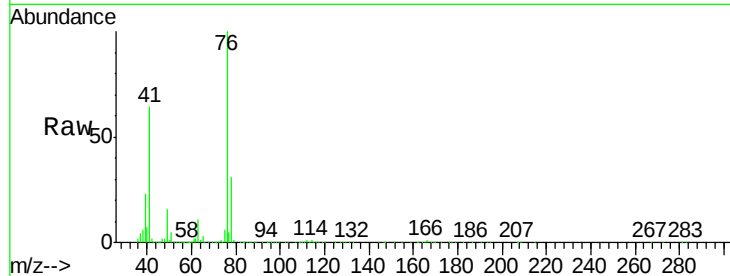
VSTDCCC050EC

Tot Ion: 76 Resp: 470799

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 251.769 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017687.D

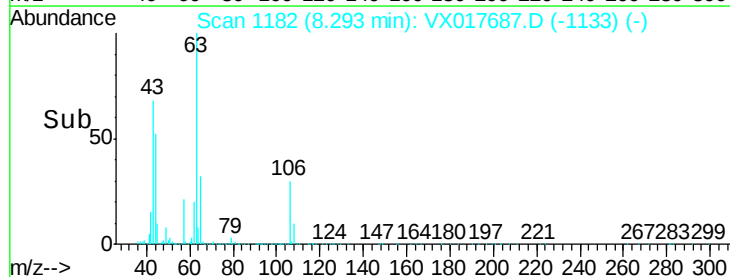
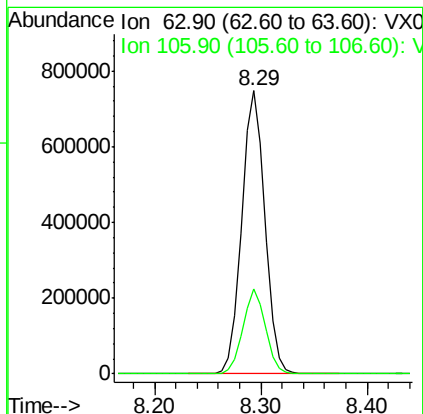
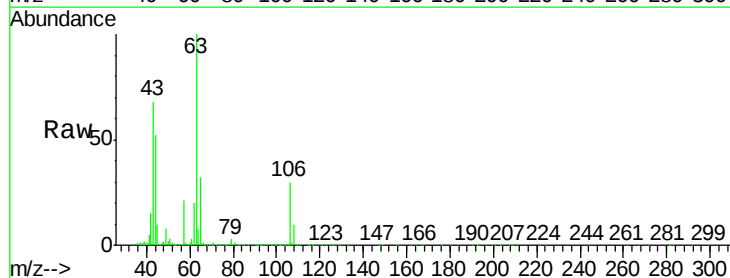
Acq: 30 Jul 2020 17:28

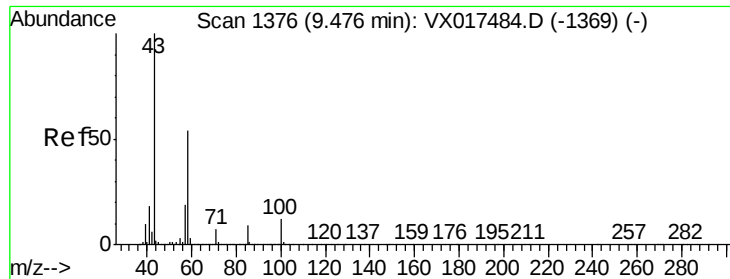
Tgt Ion: 63 Resp: 1142580

Ion Ratio Lower Upper

63 100

106 29.3 22.6 34.0

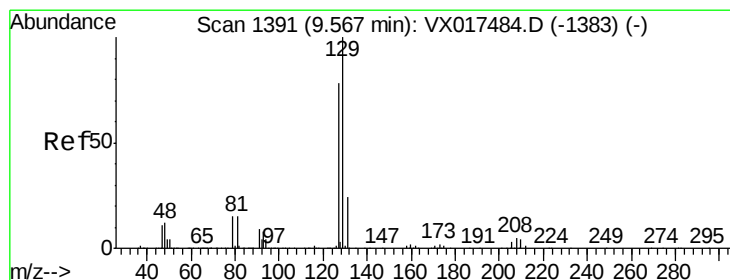
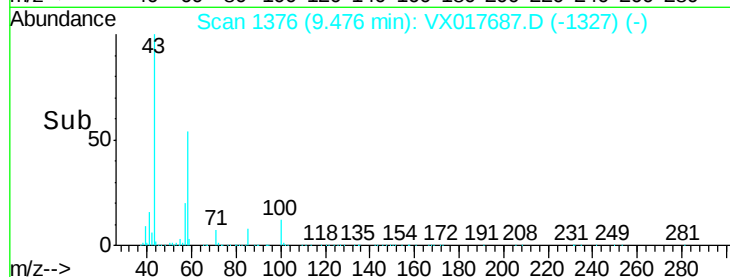
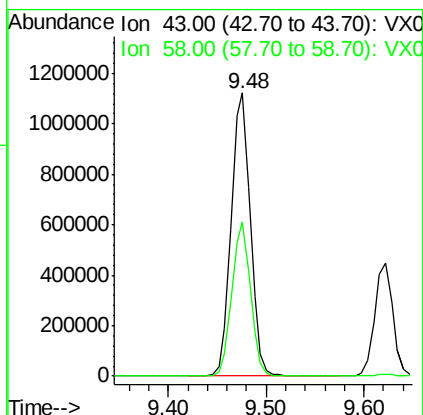
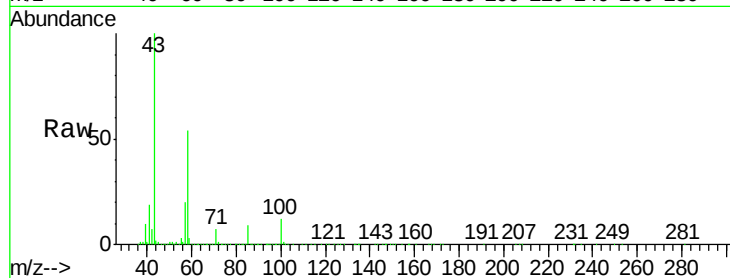




#59
2-Hexanone
Concen: 252.403 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

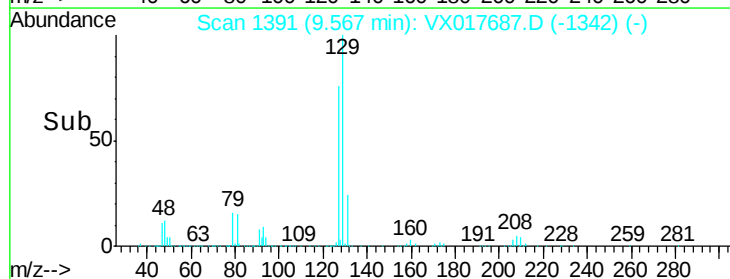
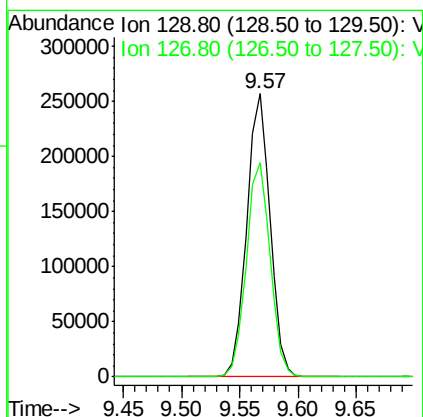
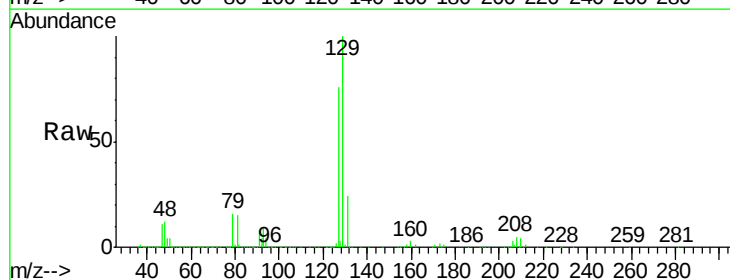
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

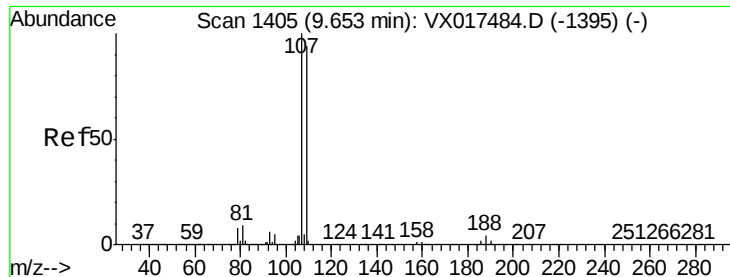
Tot Ion: 43 Resp: 1527988
Ion Ratio Lower Upper
43 100
58 53.0 26.6 79.8



#60
Dibromochloromethane
Concen: 49.794 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

Tgt Ion: 129 Resp: 361857
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.625 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

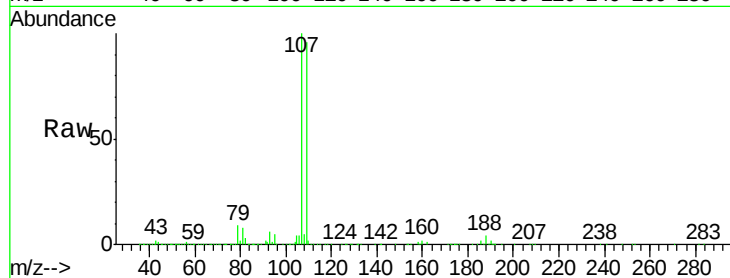
VSTDCCC050EC

Tot Ion: 107 Resp: 308163

Ion Ratio Lower Upper

107 100

109 96.2 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

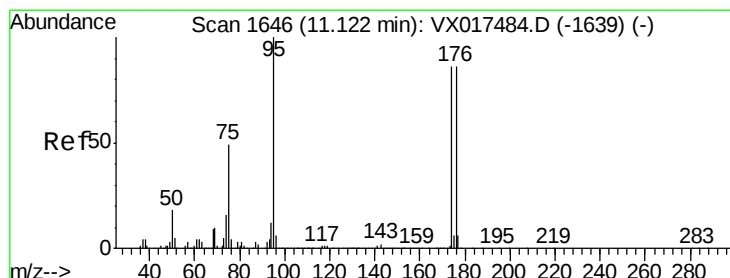
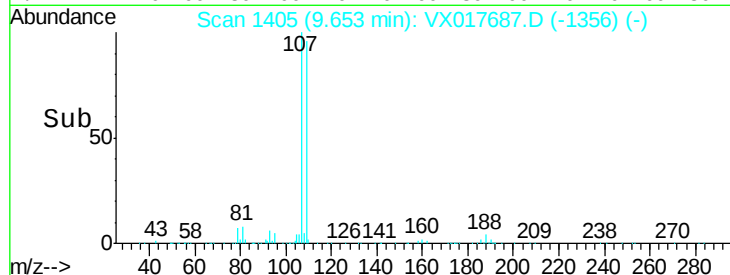
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.974 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

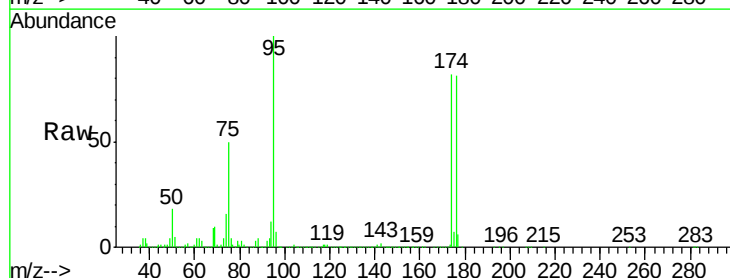
Tgt Ion: 95 Resp: 405629

Ion Ratio Lower Upper

95 100

174 85.7 0.0 169.0

176 81.7 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

400000

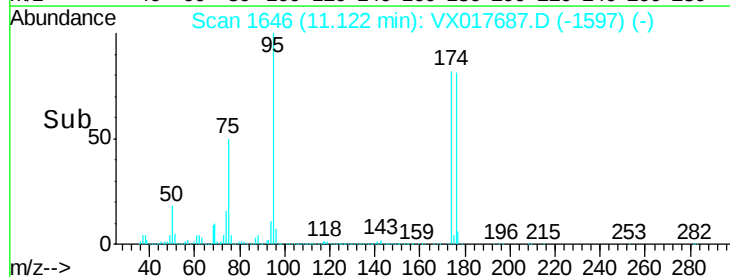
300000

200000

100000

0

Time-->

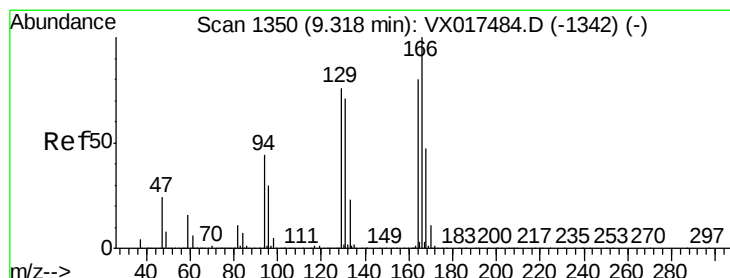
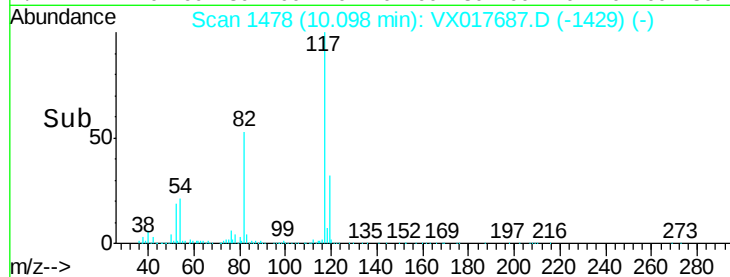
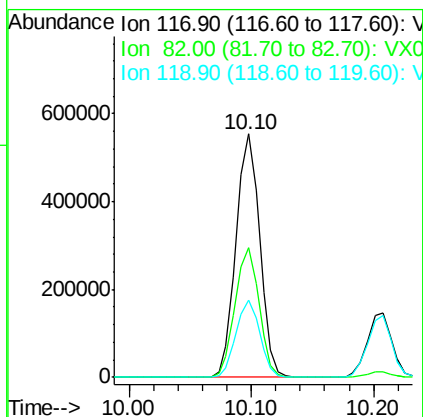
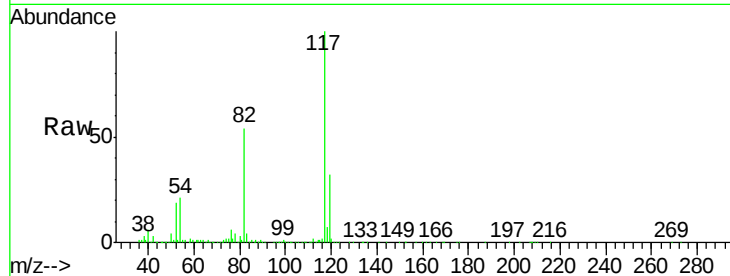




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

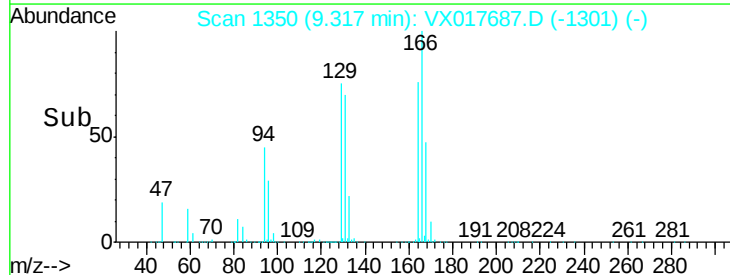
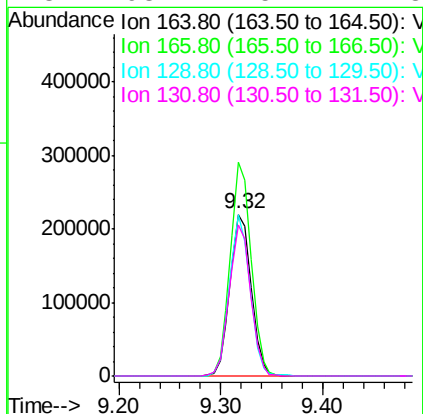
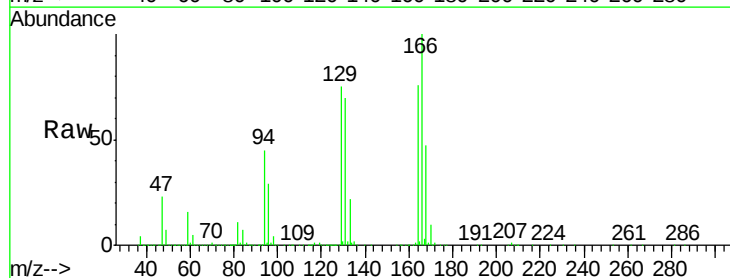
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

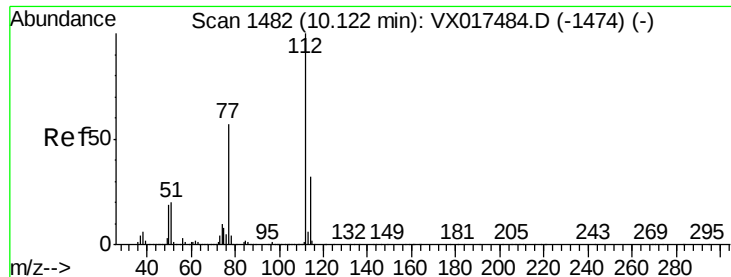
Tot Ion:117 Resp: 743073
Ion Ratio Lower Upper
117 100
82 53.5 44.0 66.0
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 47.333 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

Tgt Ion:164 Resp: 315677
Ion Ratio Lower Upper
164 100
166 132.1 100.6 150.8
129 99.5 75.0 112.6
131 93.1 75.2 112.8

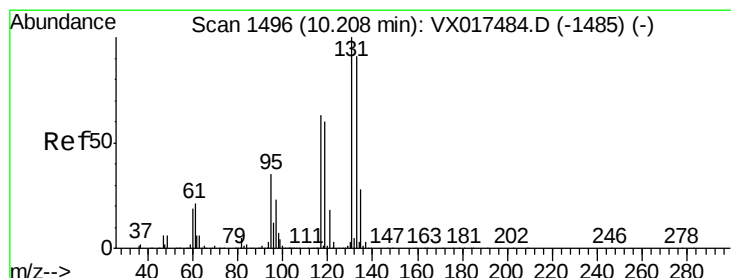
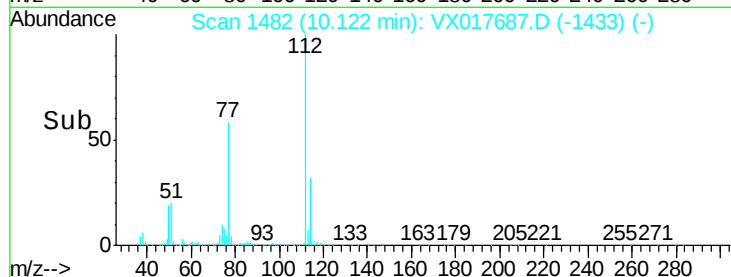
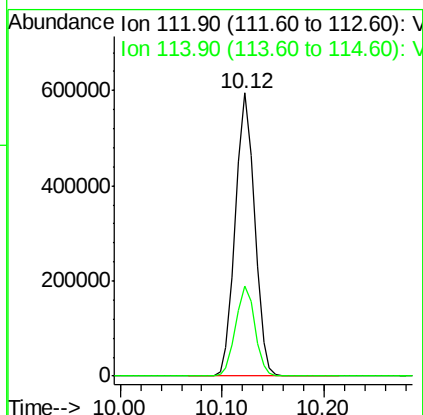
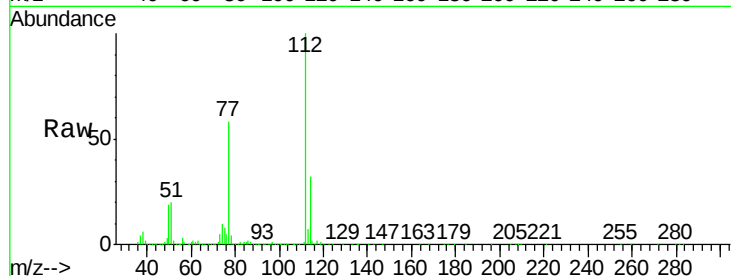




#65
Chlorobenzene
Concen: 48.188 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

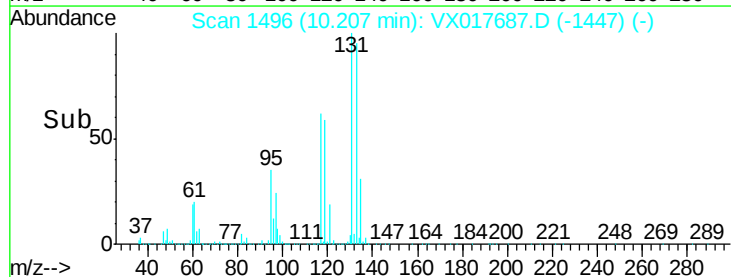
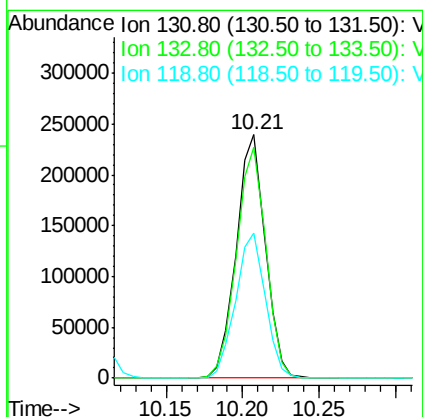
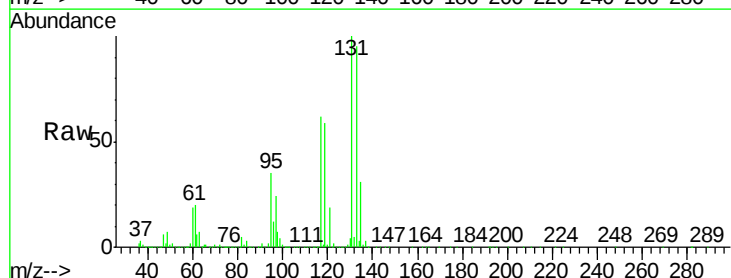
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

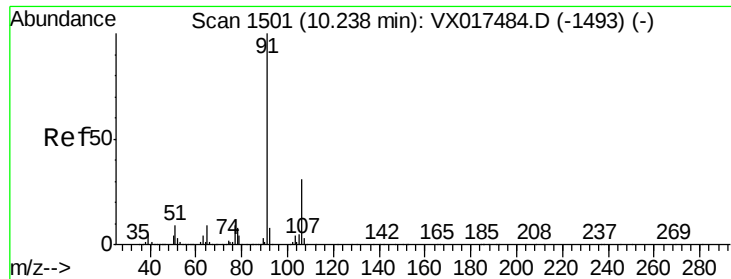
Tot Ion:112 Resp: 775061
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 48.620 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

Tgt Ion:131 Resp: 315608
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.6
119 60.8 31.1 93.3





#67

Ethyl Benzene

Concen: 48.349 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

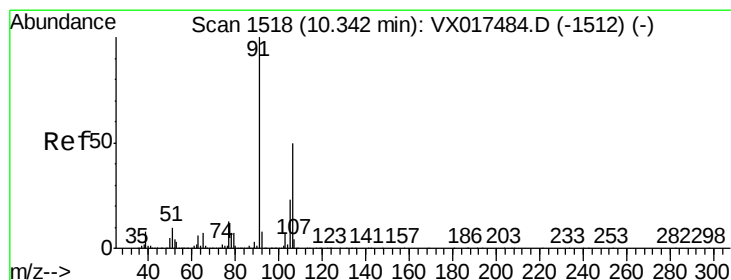
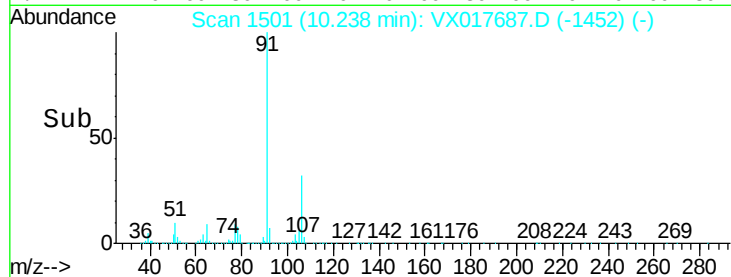
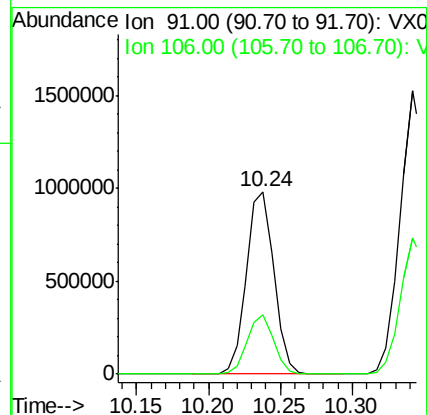
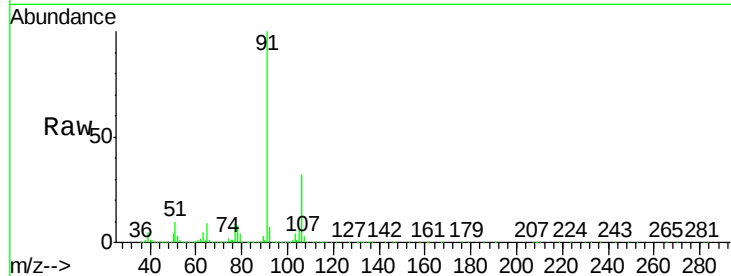
VSTDCCC050EC

Tot Ion: 91 Resp: 1298099

Ion Ratio Lower Upper

91 100

106 32.3 25.8 38.6



#68

m/p-Xylenes

Concen: 94.794 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017687.D

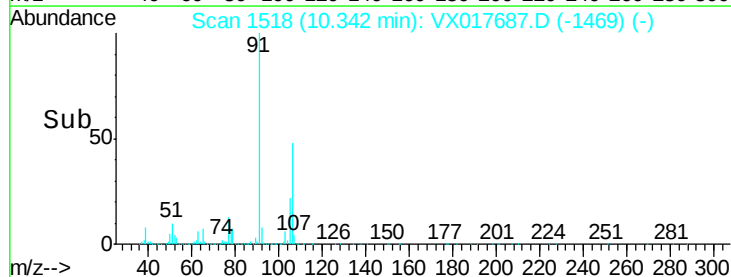
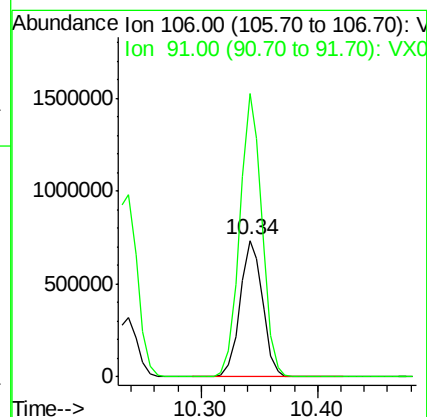
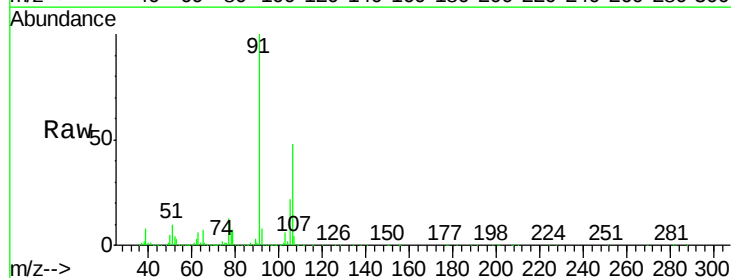
Acq: 30 Jul 2020 17:28

Tgt Ion: 106 Resp: 985955

Ion Ratio Lower Upper

106 100

91 205.1 160.9 241.3

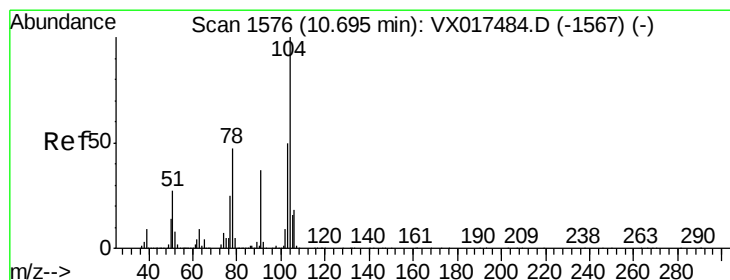
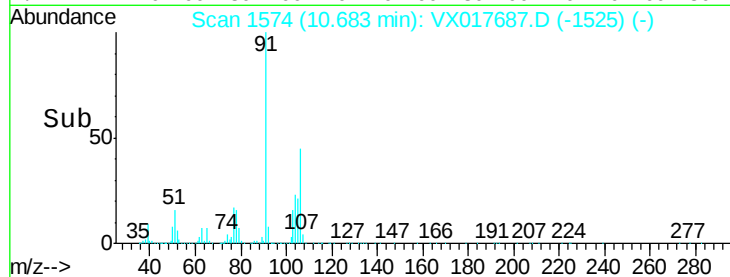
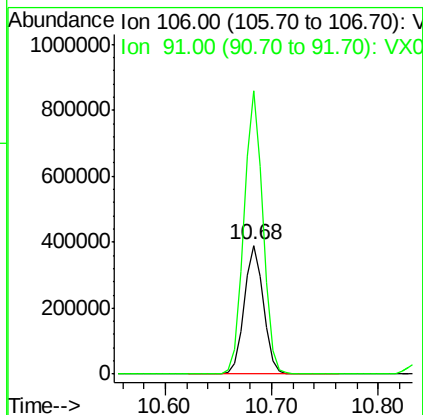
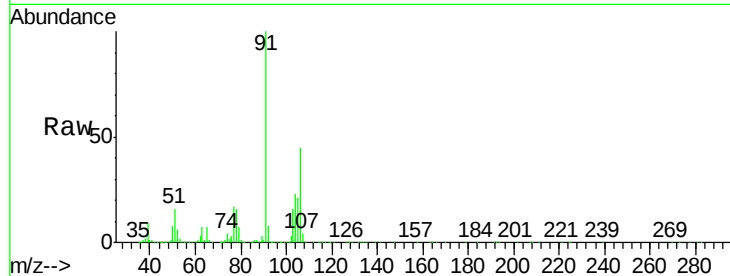




#69
o-Xylene
Concen: 49.398 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

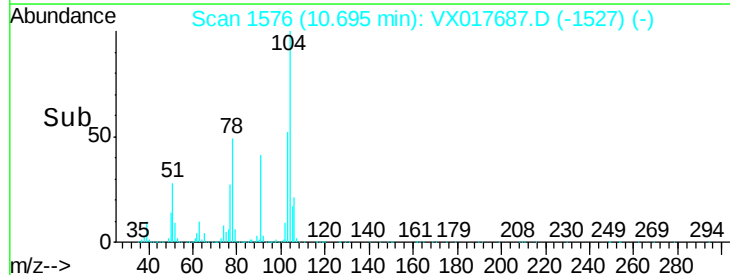
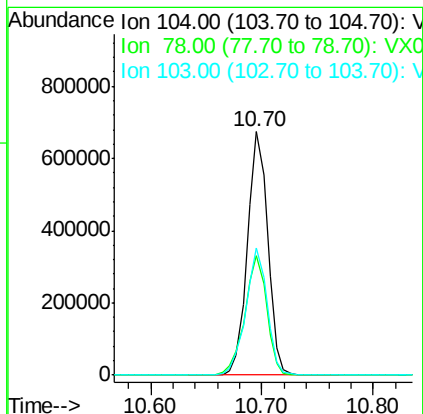
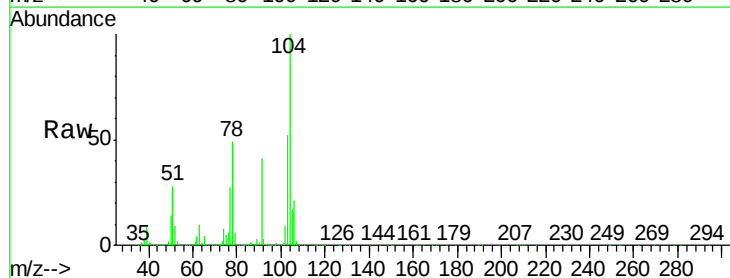
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 494146
Ion Ratio Lower Upper
106 100
91 216.5 108.2 324.6



#70
Styrene
Concen: 50.389 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

Tgt Ion:104 Resp: 857624
Ion Ratio Lower Upper
104 100
78 52.9 42.5 63.7
103 54.8 44.3 66.5





#71

Bromoform

Concen: 47.654 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

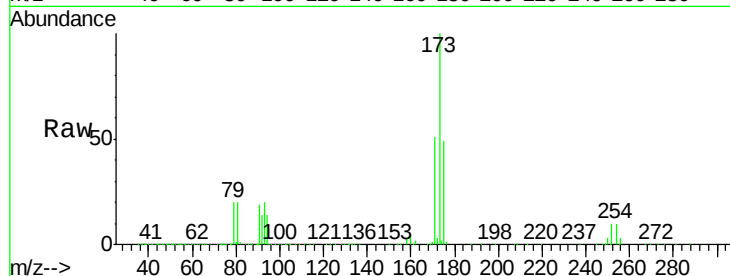
Tot Ion:173 Resp: 268002

Ion Ratio Lower Upper

173 100

175 48.9 23.8 71.5

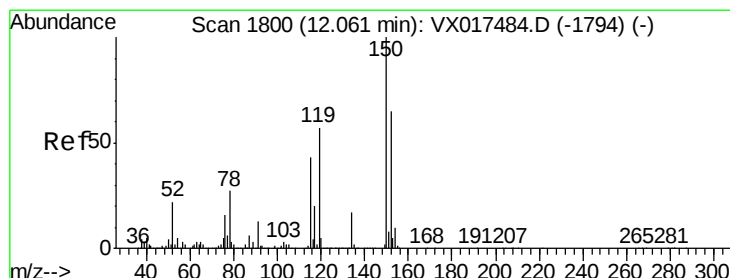
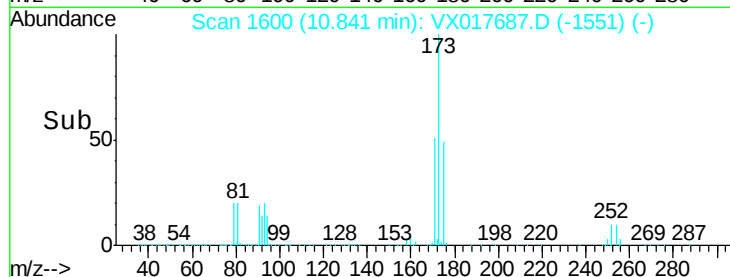
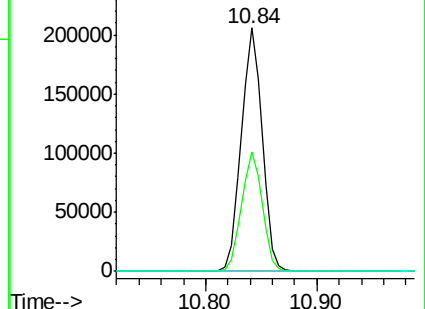
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

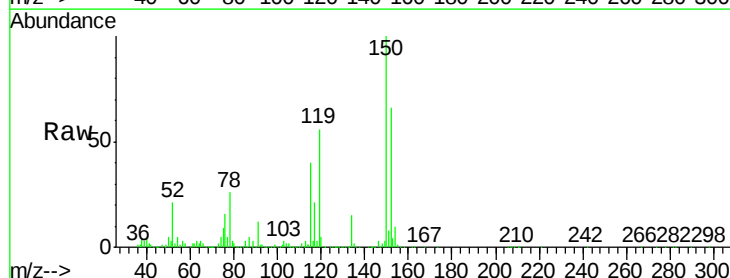
Tgt Ion:152 Resp: 380079

Ion Ratio Lower Upper

152 100

115 80.7 65.5 196.6

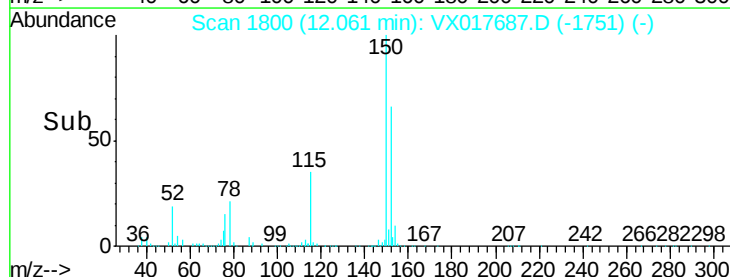
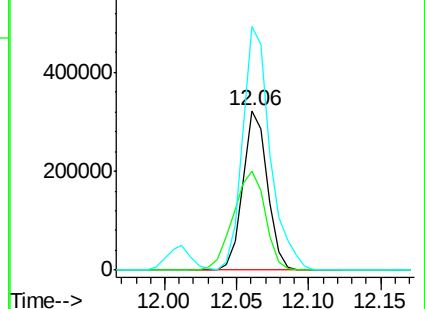
150 171.1 0.0 412.6

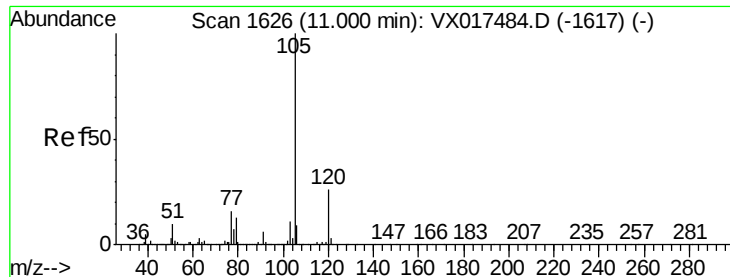


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.069 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

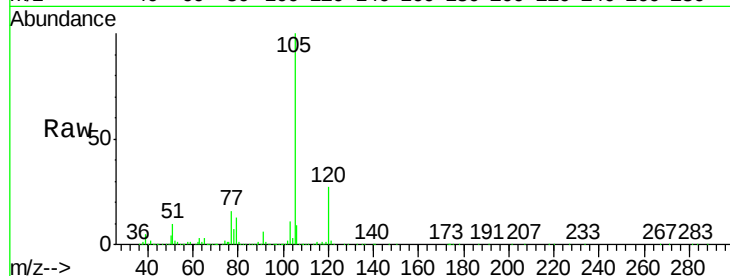
VSTDCCC050EC

Tot Ion:105 Resp: 1331573

Ion Ratio Lower Upper

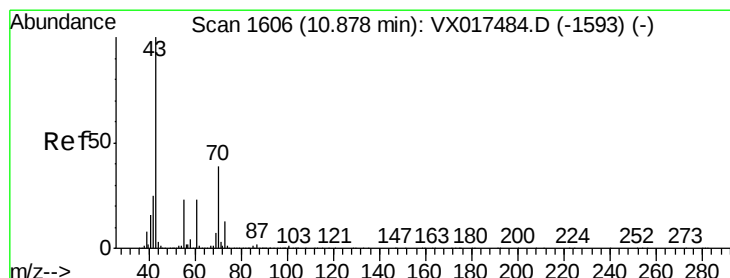
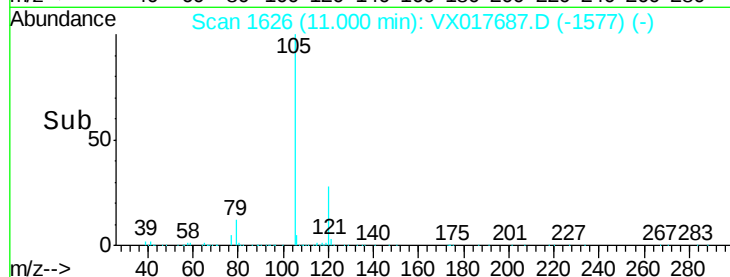
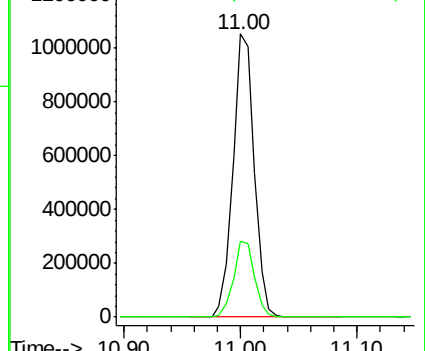
105 100

120 26.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.177 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Tgt Ion: 43 Resp: 534955

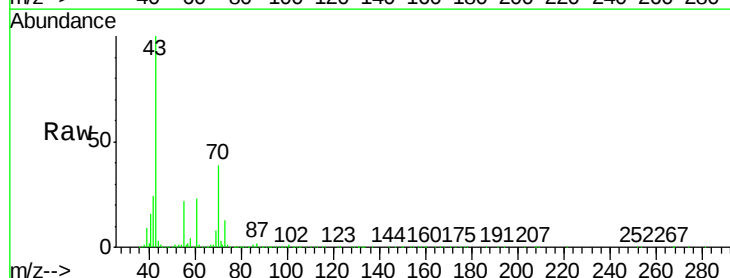
Ion Ratio Lower Upper

43 100

70 41.4 32.3 48.5

55 24.1 18.4 27.6

61 24.0 18.6 28.0

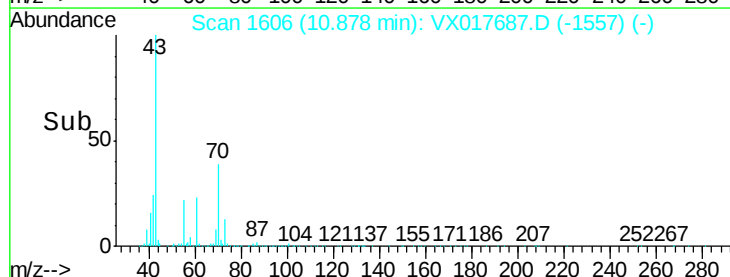
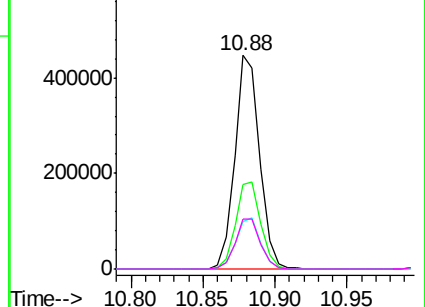


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.135 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

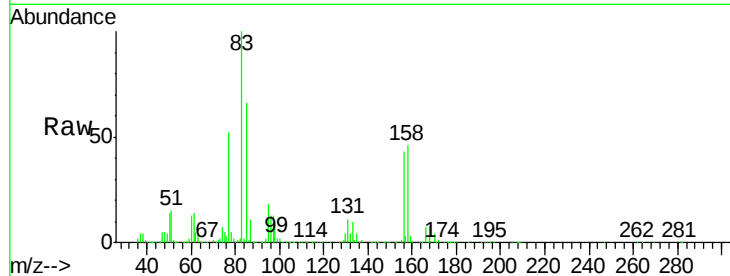
Tot Ion: 83 Resp: 367336

Ion Ratio Lower Upper

83 100

131 12.0 5.5 16.5

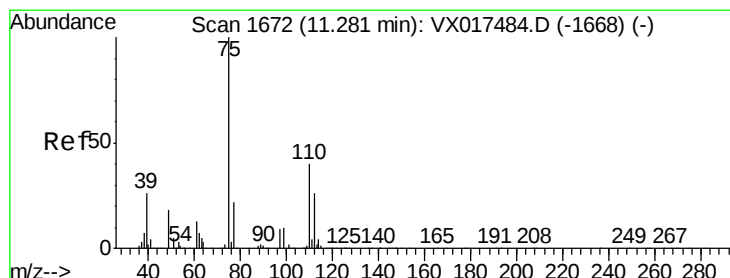
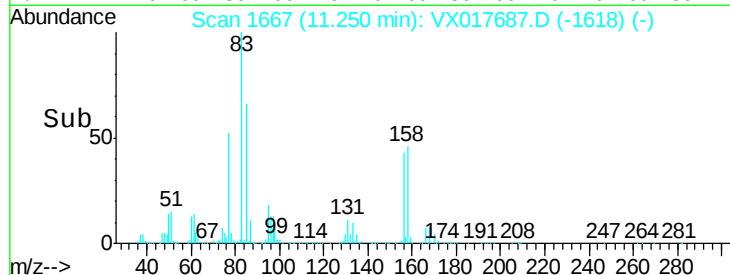
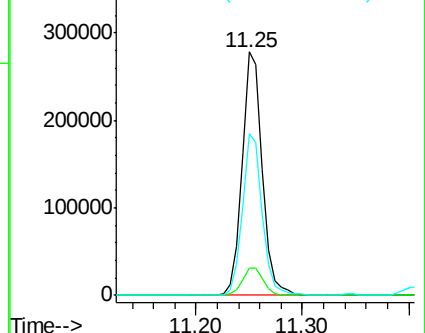
85 65.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.261 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017687.D

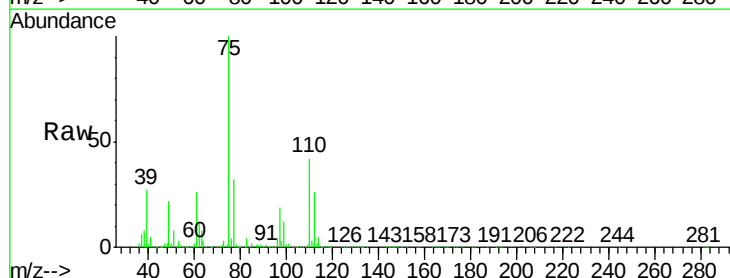
Acq: 30 Jul 2020 17:28

Tgt Ion: 75 Resp: 478963

Ion Ratio Lower Upper

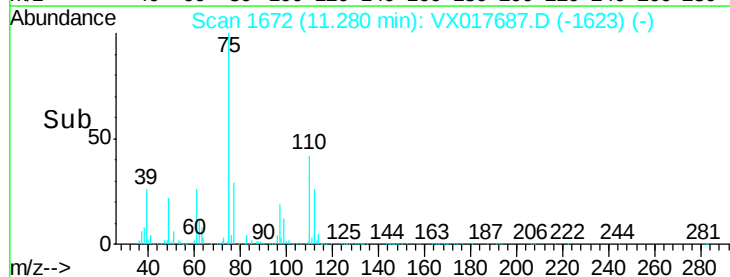
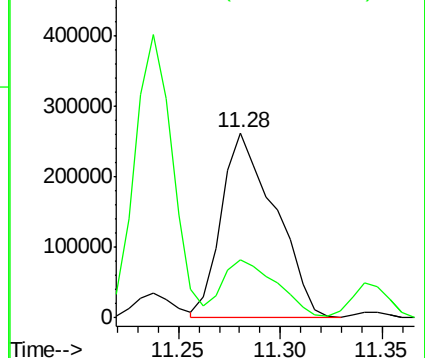
75 100

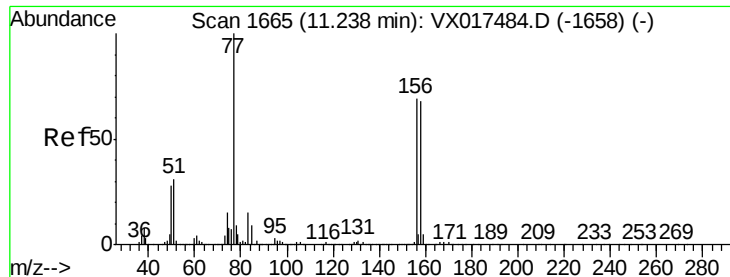
77 32.0 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.701 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

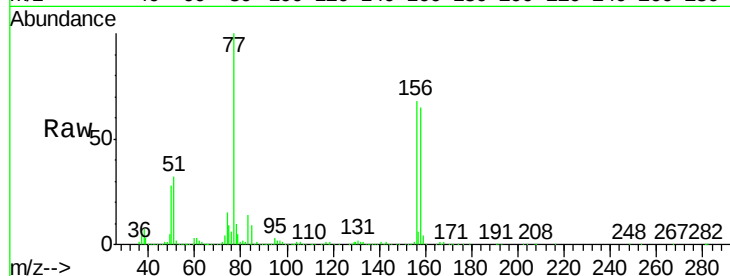
Tot Ion:156 Resp: 348193

Ion Ratio Lower Upper

156 100

77 148.1 75.0 225.0

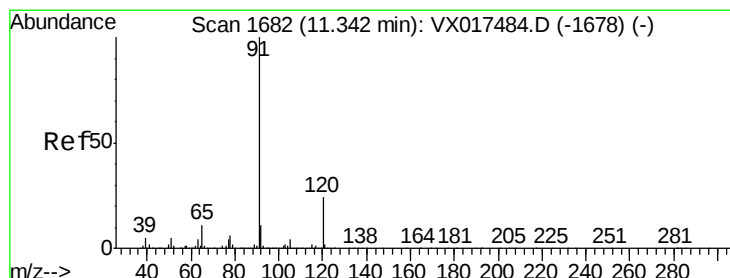
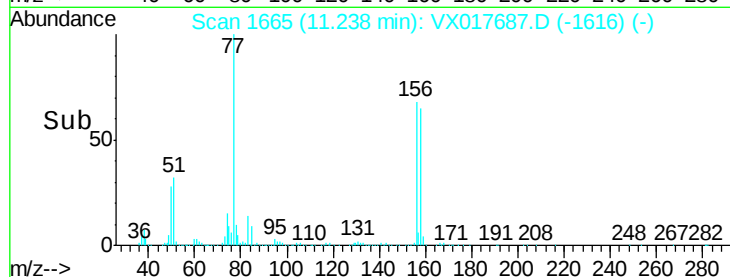
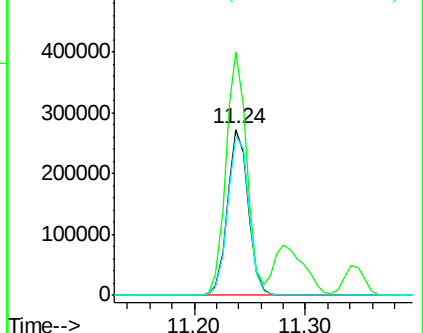
158 98.7 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.010 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017687.D

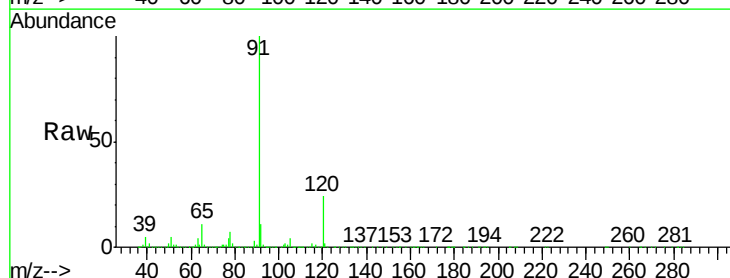
Acq: 30 Jul 2020 17:28

Tgt Ion: 91 Resp: 1500085

Ion Ratio Lower Upper

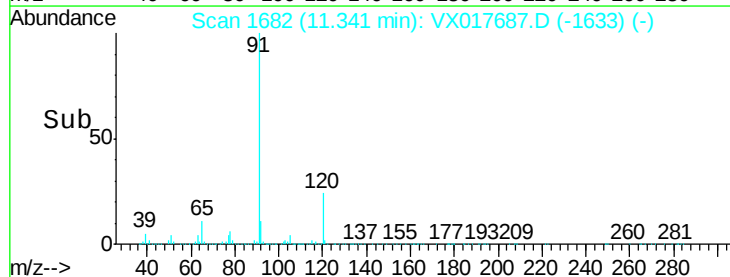
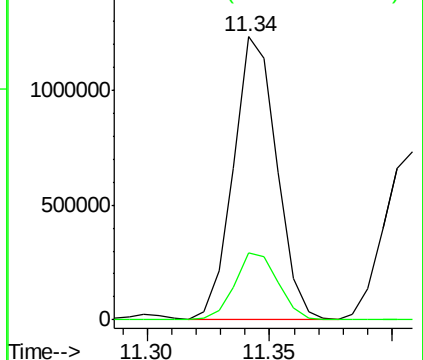
91 100

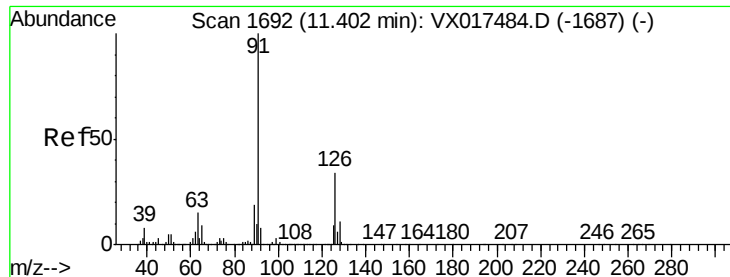
120 23.9 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

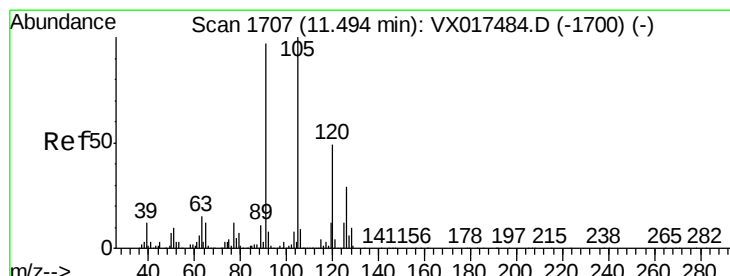
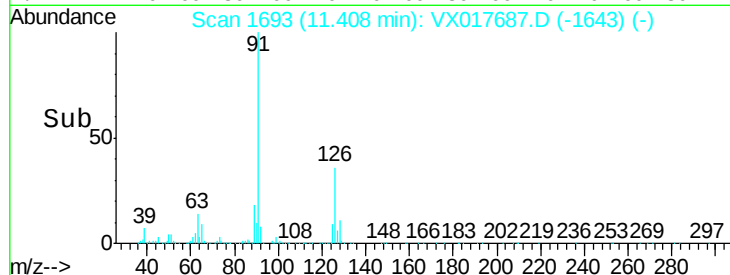
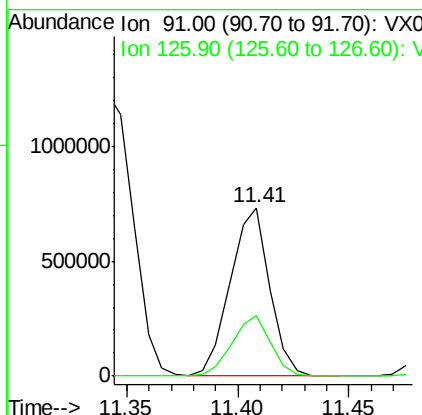
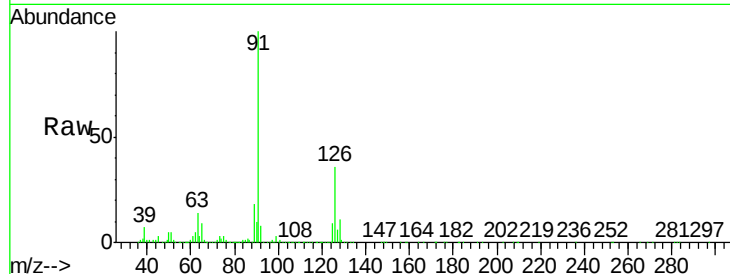




#79
 2-Chlorotoluene
 Concen: 49.318 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. 0.01 min
 Lab File: VX017687.D
 Acq: 30 Jul 2020 17:28

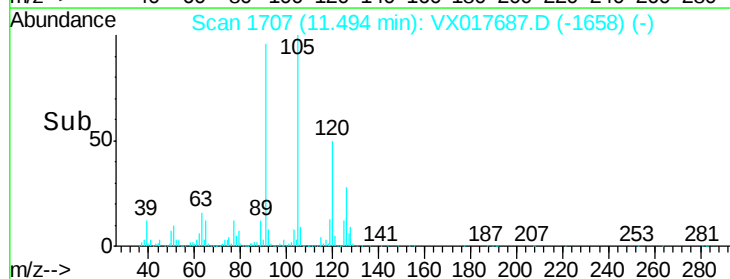
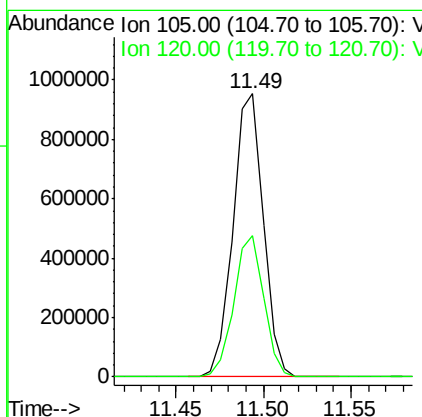
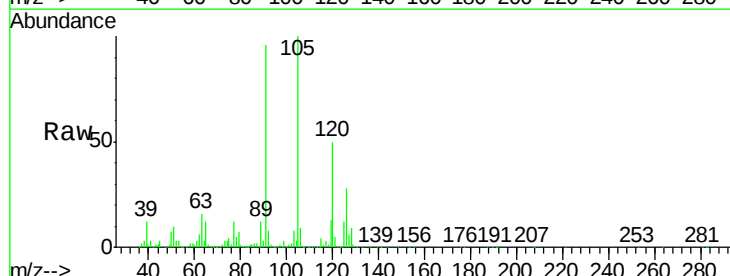
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 898407
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 51.652 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX017687.D
 Acq: 30 Jul 2020 17:28

Tgt Ion: 105 Resp: 1149888
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 49.189 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

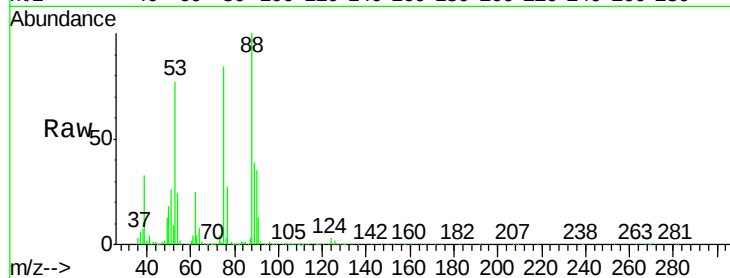
Tot Ion: 75 Resp: 152624

Ion Ratio Lower Upper

75 100

53 97.7 75.9 113.9

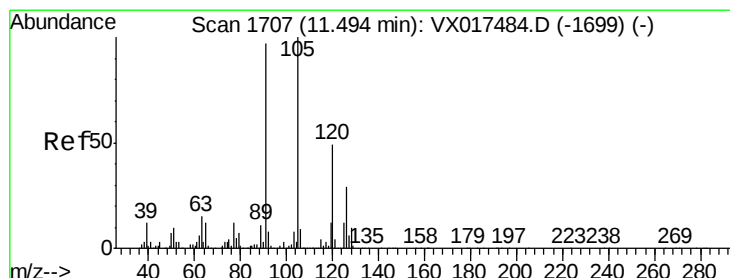
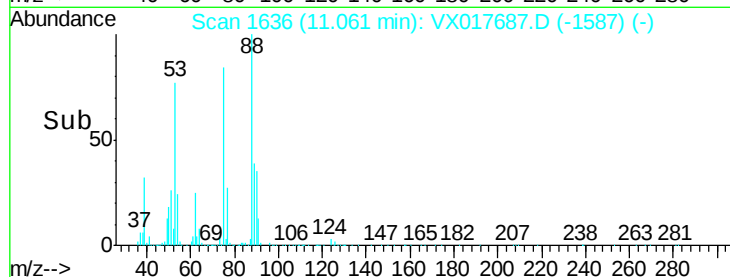
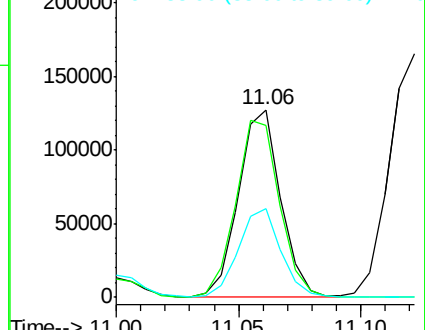
89 47.8 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.427 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017687.D

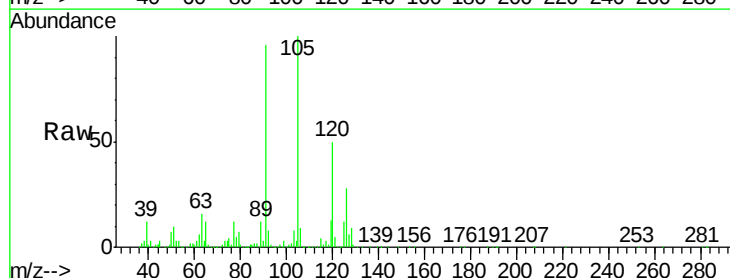
Acq: 30 Jul 2020 17:28

Tgt Ion: 91 Resp: 1083609

Ion Ratio Lower Upper

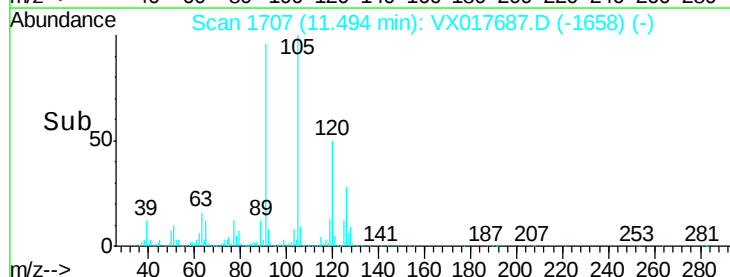
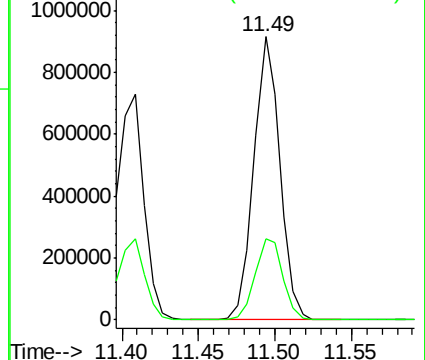
91 100

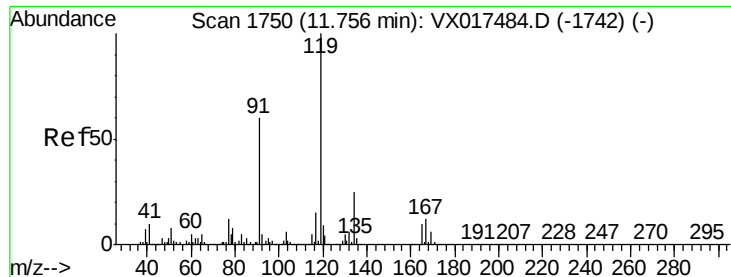
126 30.5 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.481 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

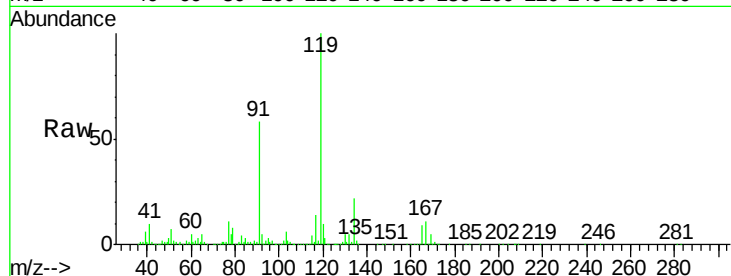
Tot Ion:119 Resp: 1054033

Ion Ratio Lower Upper

119 100

91 58.4 29.3 88.0

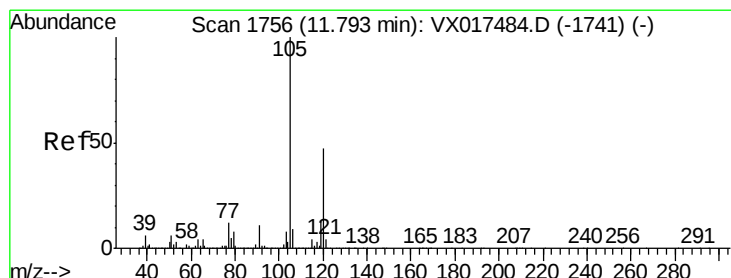
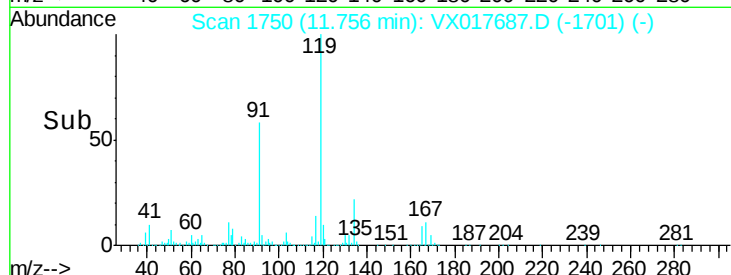
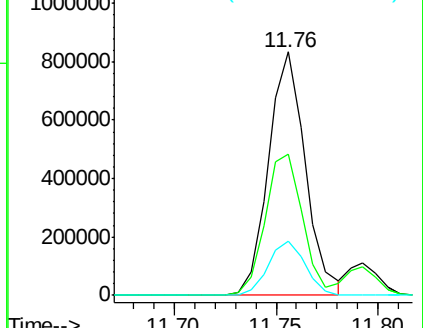
134 22.3 11.2 33.6



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: 49.111 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017687.D

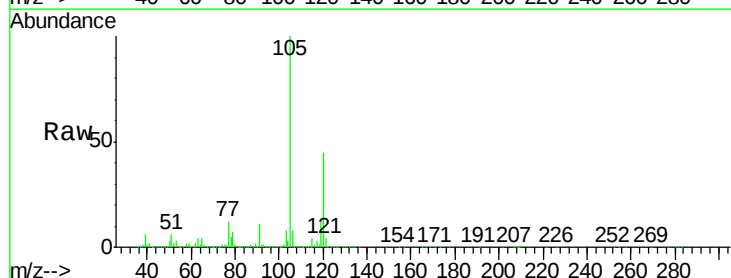
Acq: 30 Jul 2020 17:28

Tgt Ion:105 Resp: 1087451

Ion Ratio Lower Upper

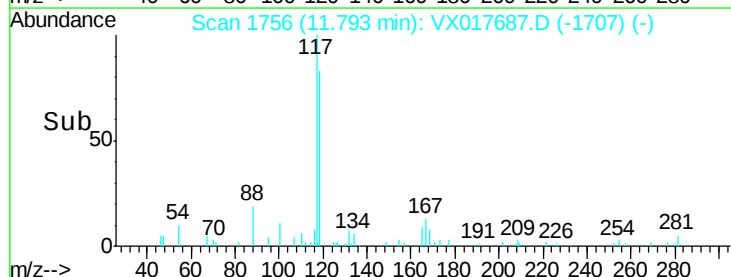
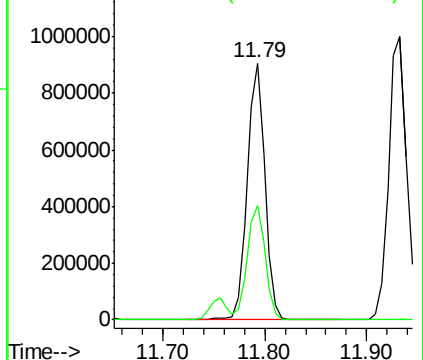
105 100

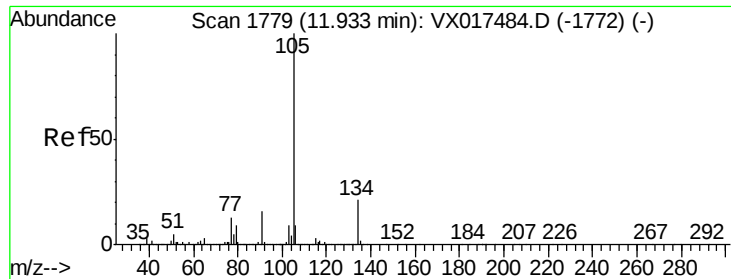
120 45.0 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

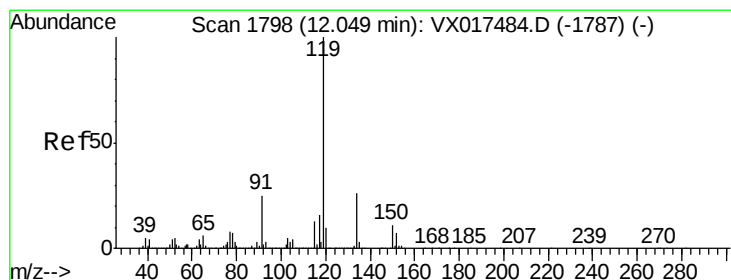
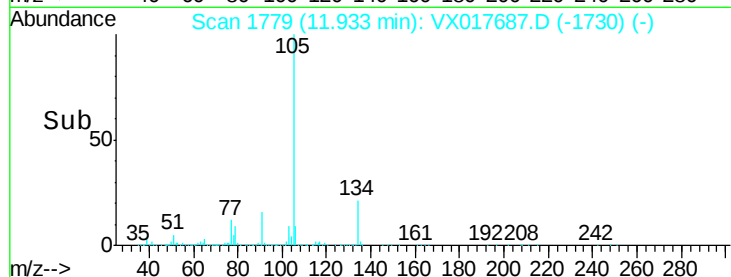
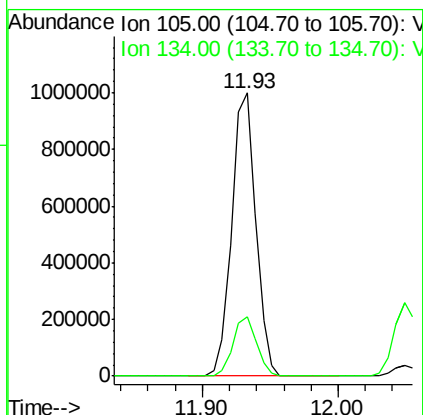
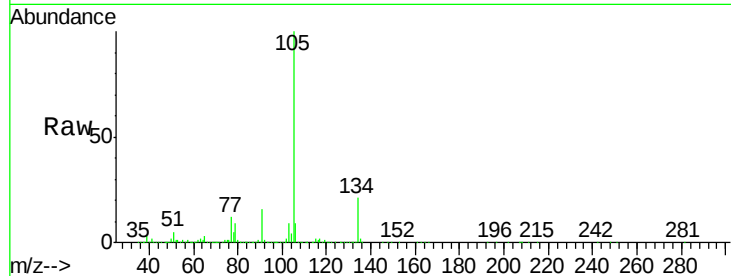




#85
 sec-Butylbenzene
 Concen: 49.473 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017687.D
 Acq: 30 Jul 2020 17:28

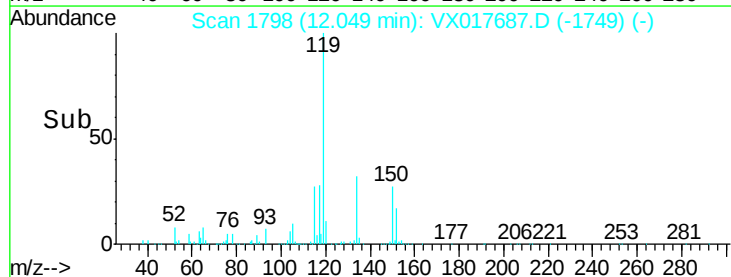
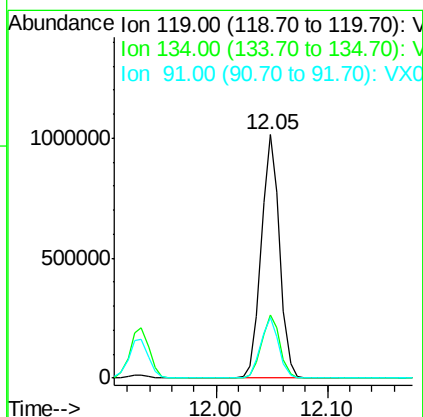
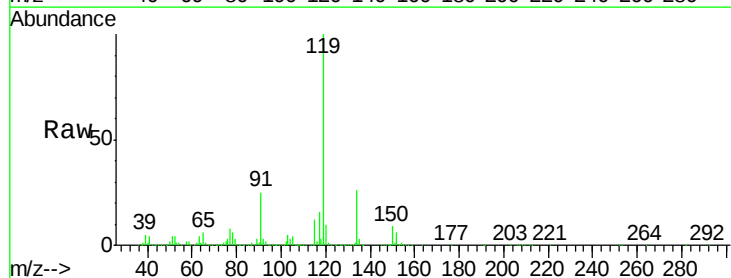
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

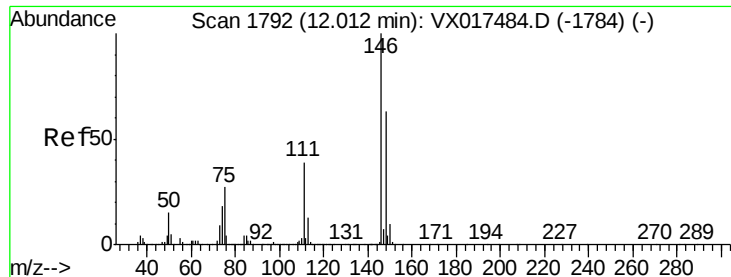
Tot Ion:105 Resp: 1227667
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 49.291 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017687.D
 Acq: 30 Jul 2020 17:28

Tgt Ion:119 Resp: 1164822
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 24.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 47.676 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

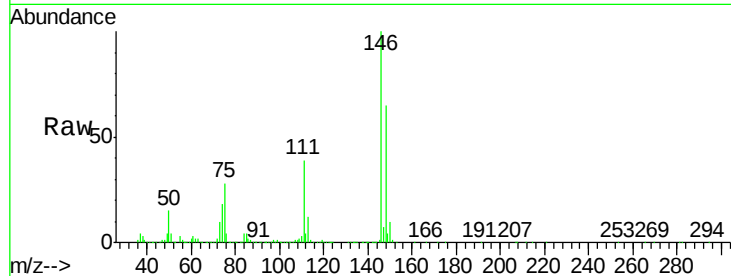
Tot Ion:146 Resp: 597623

Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.7

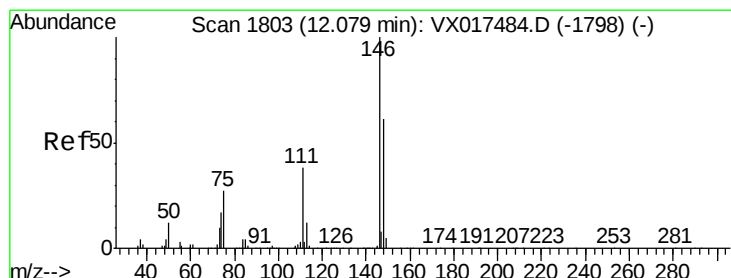
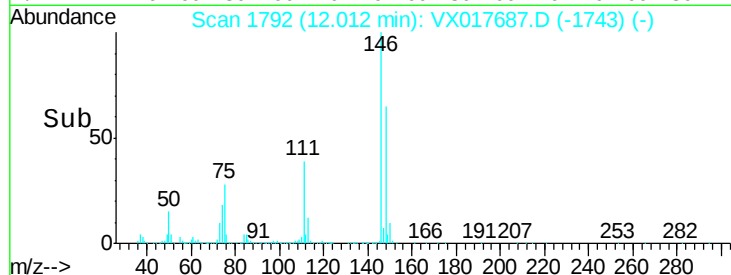
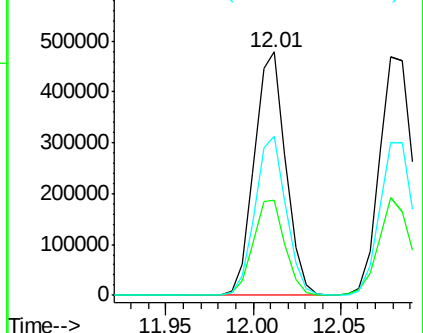
148 64.4 31.6 95.0



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



#88

1,4-Dichlorobenzene

Concen: 47.129 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

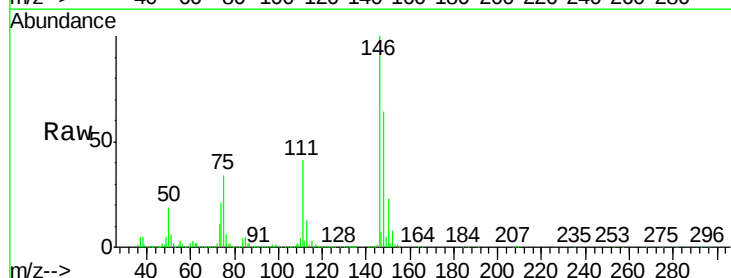
Tgt Ion:146 Resp: 611918

Ion Ratio Lower Upper

146 100

111 38.8 19.3 57.8

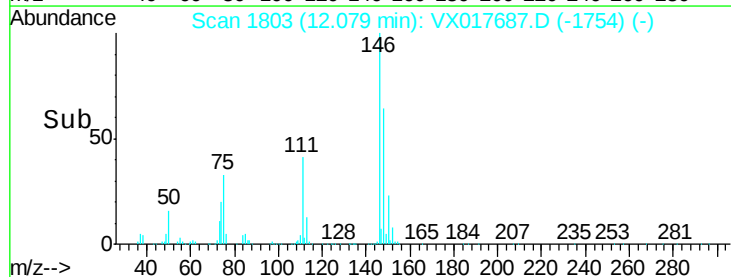
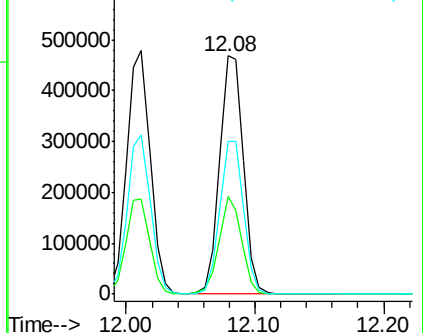
148 64.6 32.2 96.6



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

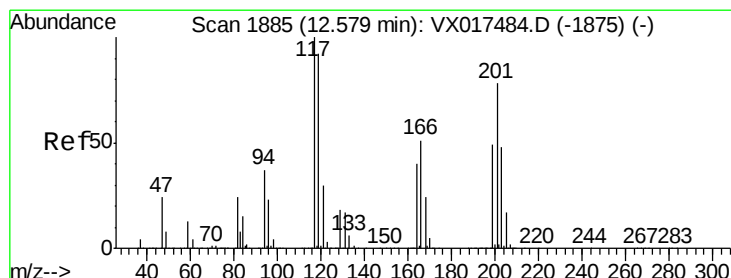
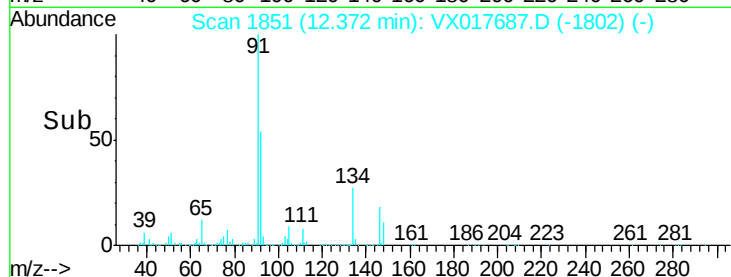
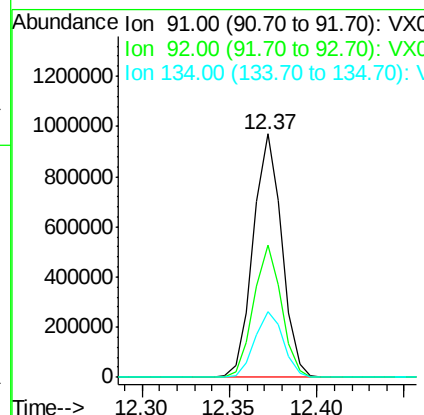
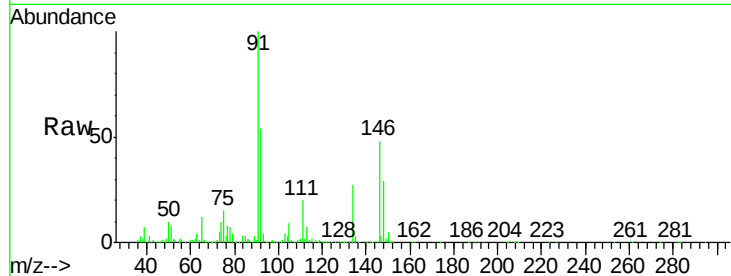




#89
n-Butylbenzene
Concen: 52.146 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

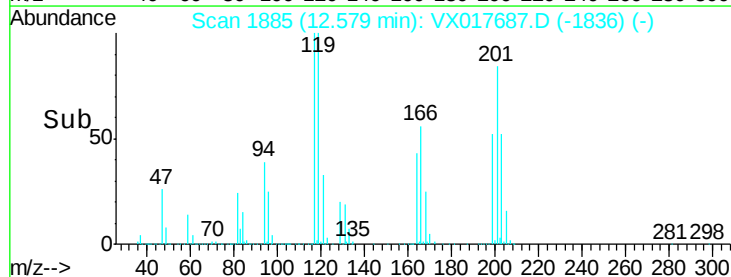
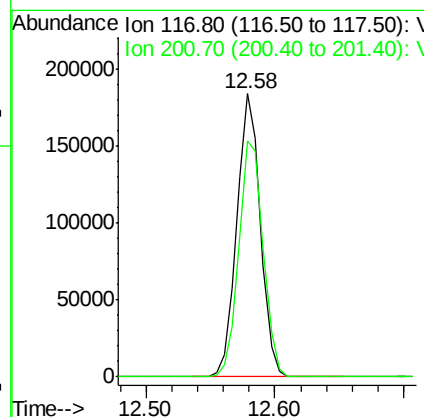
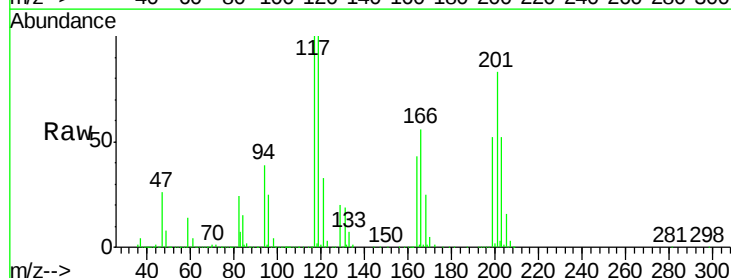
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

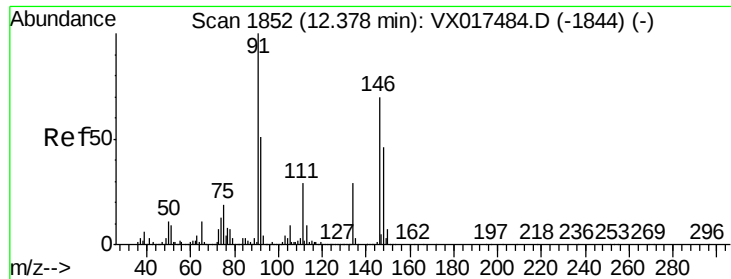
Tot Ion: 91 Resp: 1098049
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.1
134 27.0 13.6 40.7



#90
Hexachloroethane
Concen: 50.550 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017687.D
Acq: 30 Jul 2020 17:28

Tgt Ion: 117 Resp: 235512
Ion Ratio Lower Upper
117 100
201 86.1 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 51.025 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

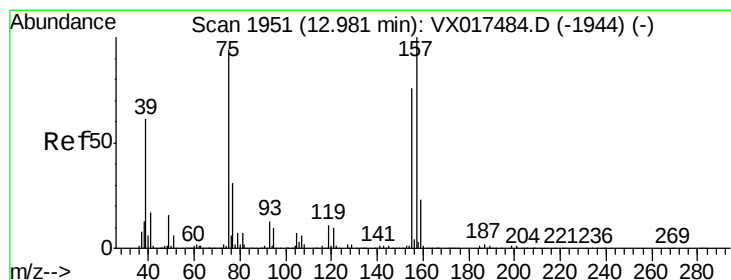
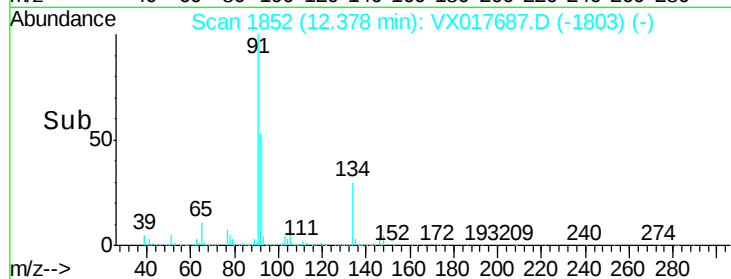
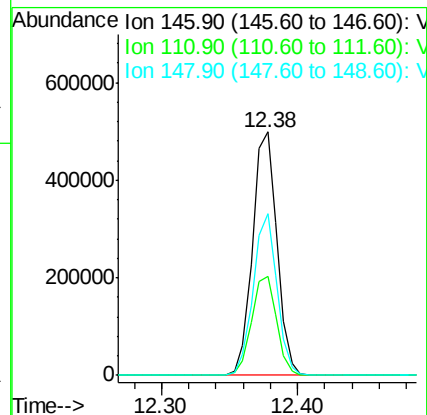
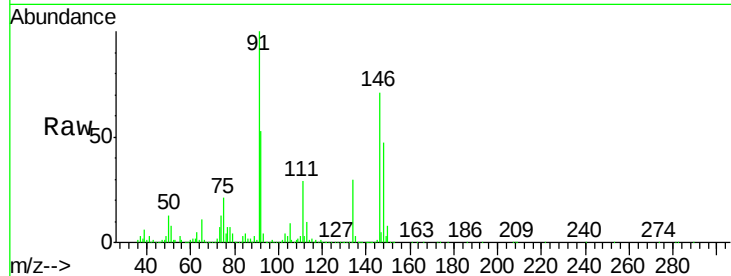
Tot Ion:146 Resp: 628625

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.8

148 64.7 32.8 98.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.615 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

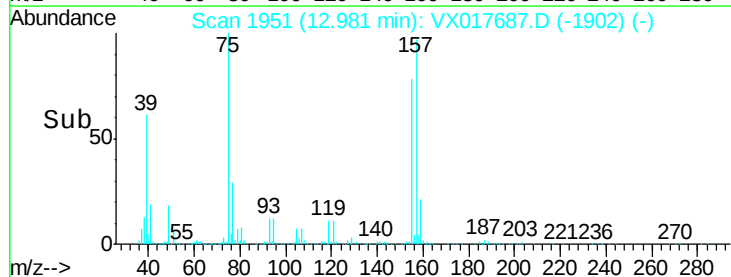
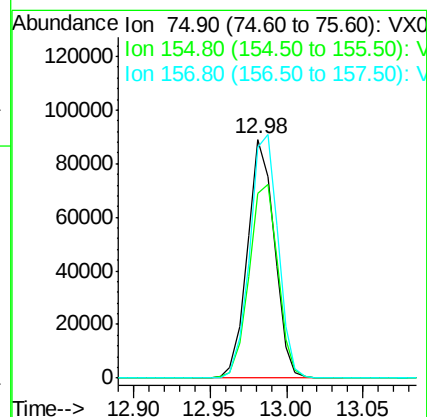
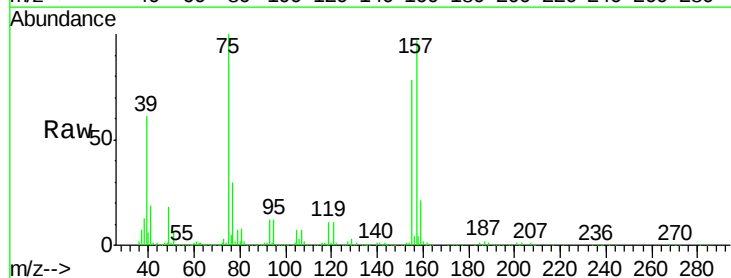
Tgt Ion: 75 Resp: 109292

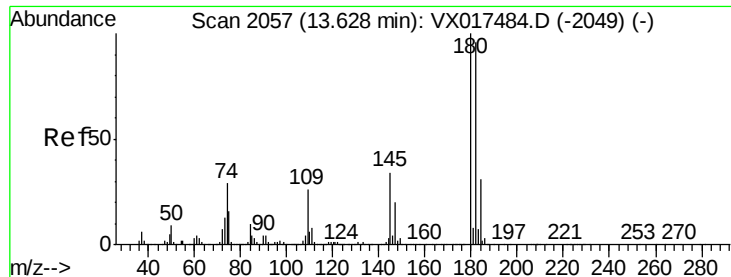
Ion Ratio Lower Upper

75 100

155 86.6 42.3 126.8

157 106.7 54.3 162.9

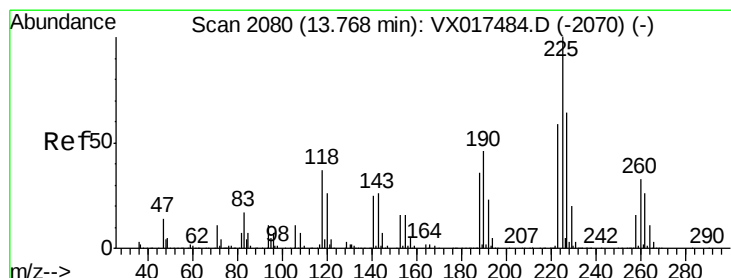
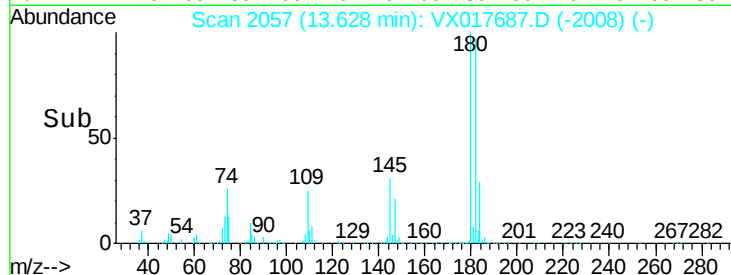
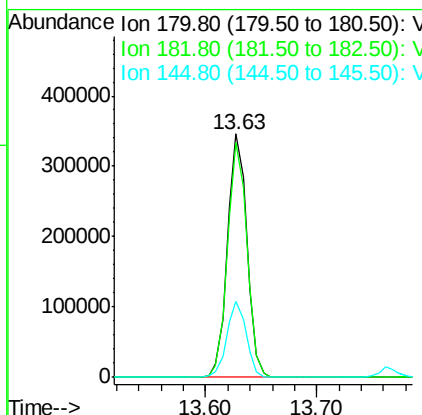
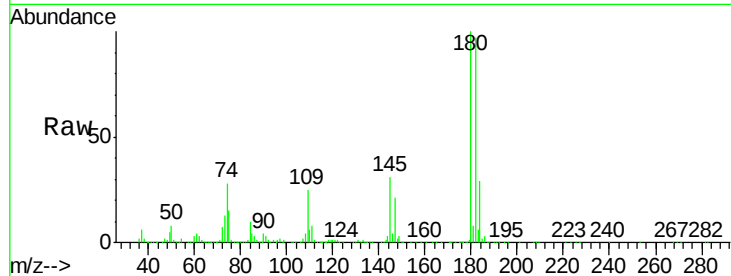




#93
 1,2,4-Trichlorobenzene
 Concen: 49.778 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017687.D
 Acq: 30 Jul 2020 17:28

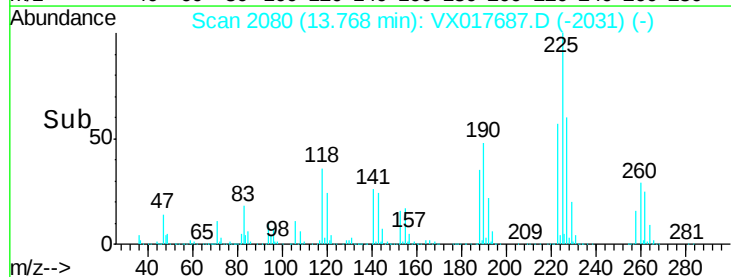
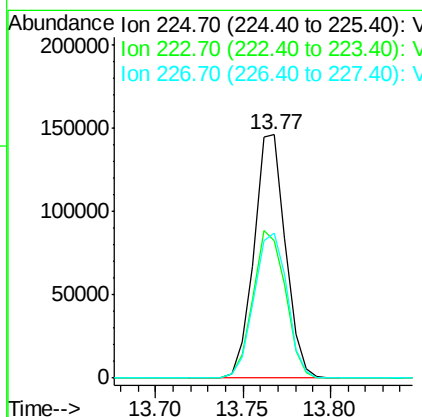
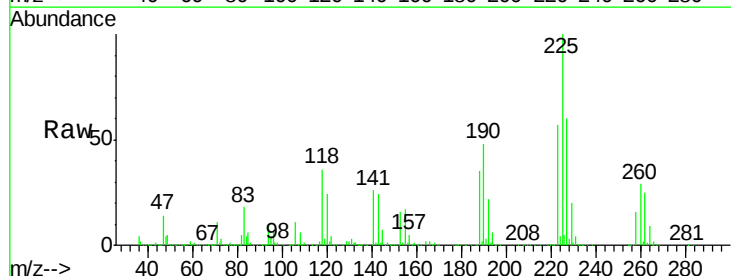
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

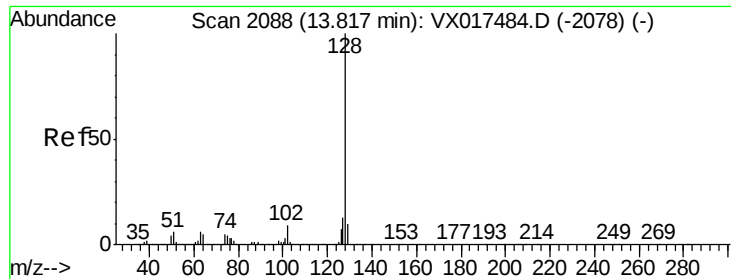
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.5	142.6
145	31.1	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 47.332 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017687.D
 Acq: 30 Jul 2020 17:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	30.3	90.9
227	62.8	31.1	93.2





#95

Naphthalene

Concen: 51.810 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Instrument :

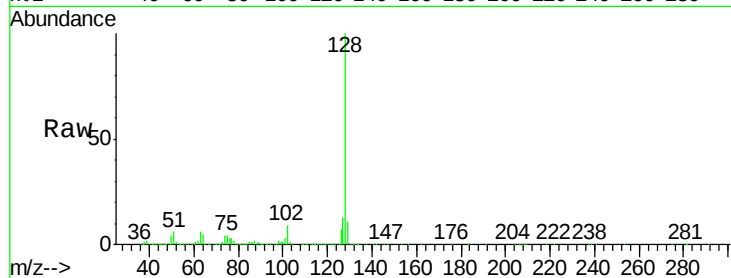
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1300432

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.9	13.3

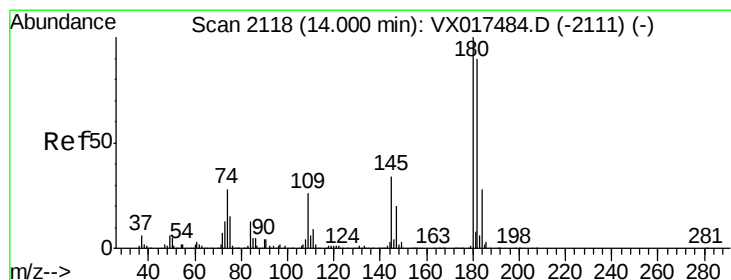
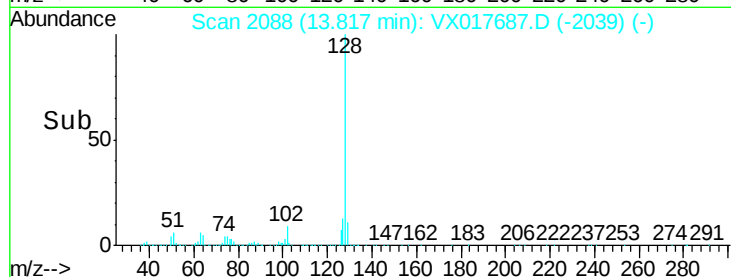
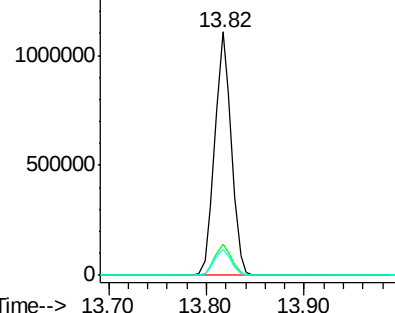


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.718 ug/l

RT: 14.01 min Scan# 2119

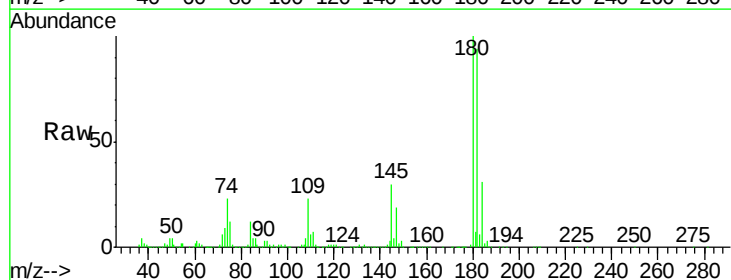
Delta R.T. 0.01 min

Lab File: VX017687.D

Acq: 30 Jul 2020 17:28

Tgt Ion:180 Resp: 437664

Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.4	142.3
145	32.5	16.3	48.9



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

