

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017084.D
 Acq On : 01 Jul 2020 07:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 01 08:27:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	249323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	398476	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	386521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206750	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	155869	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	5.46	113	128046	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
50) Toluene-d8	8.70	98	467351	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.12	95	188074	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	119150	49.398	ug/l	96
3) Chloromethane	1.31	50	127787	43.768	ug/l	99
4) Vinyl Chloride	1.39	62	124449	45.941	ug/l	99
5) Bromomethane	1.62	94	68774	48.054	ug/l	99
6) Chloroethane	1.71	64	73933	46.211	ug/l	97
7) Trichlorofluoromethane	1.92	101	198685	49.593	ug/l	100
8) Diethyl Ether	2.17	74	68947	51.139	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	115434	48.073	ug/l	98
10) Methyl Iodide	2.49	142	133863	43.204	ug/l	100
11) Tert butyl alcohol	3.01	59	143720	245.105	ug/l	99
12) 1,1-Dichloroethene	2.36	96	116693	47.307	ug/l	99
13) Acrolein	2.27	56	69486	198.239	ug/l	97
14) Allyl chloride	2.71	41	199505	43.764	ug/l	98
15) Acrylonitrile	3.12	53	347002	246.172	ug/l	99
16) Acetone	2.42	43	293374	255.147	ug/l	99
17) Carbon Disulfide	2.55	76	337151	48.981	ug/l	99
18) Methyl Acetate	2.75	43	156057	51.991	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	409926	49.516	ug/l	99
20) Methylene Chloride	2.84	84	136339	51.728	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	133670	48.831	ug/l	98
22) Diisopropyl ether	3.82	45	414701	49.151	ug/l	97
23) Vinyl Acetate	3.79	43	1809059	249.516	ug/l	99
24) 1,1-Dichloroethane	3.67	63	232767	48.485	ug/l	99
25) 2-Butanone	4.64	43	467439	243.978	ug/l	99
26) 2,2-Dichloropropane	4.56	77	130723	30.667	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	144061	46.447	ug/l	96
28) Bromochloromethane	4.98	49	106767	45.702	ug/l	97
29) Tetrahydrofuran	5.09	42	310833	245.547	ug/l	100
30) Chloroform	5.18	83	240252	48.819	ug/l	97
31) Cyclohexane	5.55	56	196741	47.411	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	222285	49.045	ug/l	99
36) 1,1-Dichloropropene	5.78	75	175231	46.529	ug/l	99
37) Ethyl Acetate	4.79	43	183287	47.967	ug/l	98
38) Carbon Tetrachloride	5.76	117	202304	48.771	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	194482	46.413	ug/l	96
40) Benzene	6.12	78	521366	47.117	ug/l	99
41) Methacrylonitrile	5.01	41	104603	48.639	ug/l	98
42) 1,2-Dichloroethane	6.16	62	196686	49.210	ug/l	100
43) Isopropyl Acetate	6.42	43	300353	47.303	ug/l	100
44) Trichloroethene	7.19	130	150382	49.245	ug/l	99
45) 1,2-Dichloropropane	7.49	63	136049	47.870	ug/l	99
46) Dibromomethane	7.64	93	94195	48.546	ug/l	98
47) Bromodichloromethane	7.88	83	196853	49.230	ug/l	99
48) Methyl methacrylate	7.74	41	152265	50.475	ug/l	98
49) 1,4-Dioxane	7.71	88	65573	959.493	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	946984	250.196	ug/l	100
52) Toluene	8.77	92	337197	48.808	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	199704	45.265	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	212974	45.031	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	140806	49.884	ug/l	97
56) Ethyl methacrylate	9.16	69	204529	50.909	ug/l	99
57) 1,3-Dichloropropane	9.35	76	228807	47.906	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	528881	264.506	ug/l	100
59) 2-Hexanone	9.48	43	721143	260.878	ug/l	99
60) Dibromochloromethane	9.57	129	166045	50.648	ug/l	100
61) 1,2-Dibromoethane	9.65	107	149546	49.289	ug/l	99
64) Tetrachloroethene	9.32	164	142652	45.730	ug/l	99
65) Chlorobenzene	10.12	112	372744	46.724	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	146580	47.677	ug/l	98
67) Ethyl Benzene	10.24	91	648902	48.707	ug/l	100
68) m/p-Xylenes	10.34	106	496861	97.130	ug/l	98
69) o-Xylene	10.68	106	237441	48.793	ug/l	99
70) Styrene	10.70	104	423034	51.049	ug/l	100
71) Bromoform	10.84	173	126848	52.029	ug/l #	99
73) Isopropylbenzene	11.00	105	649694	47.975	ug/l	100
74) N-amyl acetate	10.88	43	279114	48.303	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	197895	46.456	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	233664	57.473	ug/l	86
77) Bromobenzene	11.24	156	177390	47.661	ug/l	97
78) n-propylbenzene	11.34	91	733955	47.927	ug/l	100
79) 2-Chlorotoluene	11.40	91	445666	48.085	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	550110	48.973	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	64343	40.984	ug/l	99
82) 4-Chlorotoluene	11.49	91	525498	47.429	ug/l	100
83) tert-Butylbenzene	11.76	119	536895	48.689	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	555358	48.733	ug/l	100
85) sec-Butylbenzene	11.93	105	623346	48.091	ug/l	99
86) p-Isopropyltoluene	12.05	119	580485	48.107	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	303782	44.940	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	306929	48.140	ug/l	99
89) n-Butylbenzene	12.37	91	481269	44.669	ug/l	99
90) Hexachloroethane	12.58	117	111419	46.824	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	294716	46.642	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44861	44.146	ug/l	98

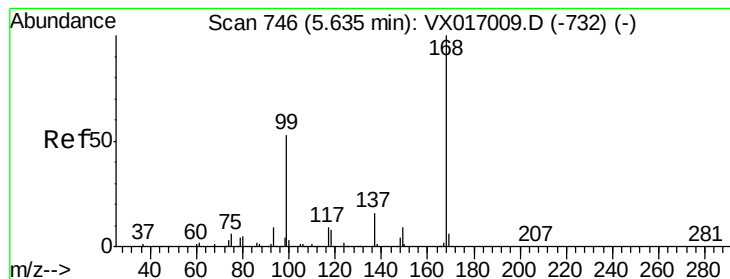
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QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	193632	44.897	ug/l	99
94) Hexachlorobutadiene	13.76	225	74826	45.788	ug/l	94
95) Naphthalene	13.82	128	627975	47.895	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	191534	45.890	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

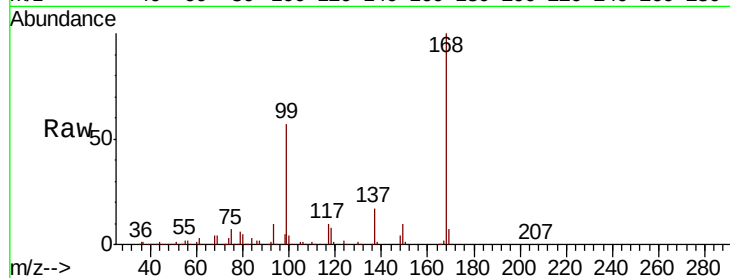
VSTDCCC050EC

Tot Ion:168 Resp: 249323

Ion Ratio Lower Upper

168 100

99 56.4 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

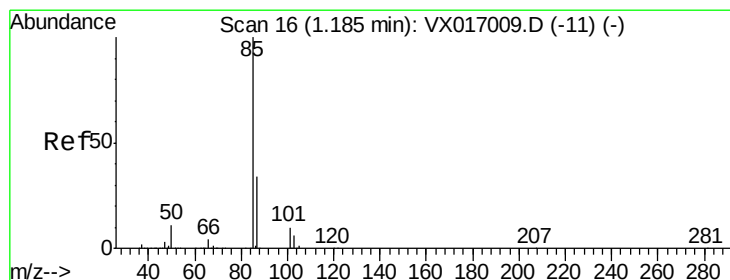
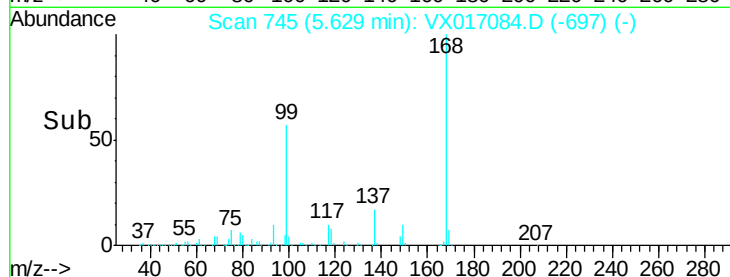
40000

20000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 49.398 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017084.D

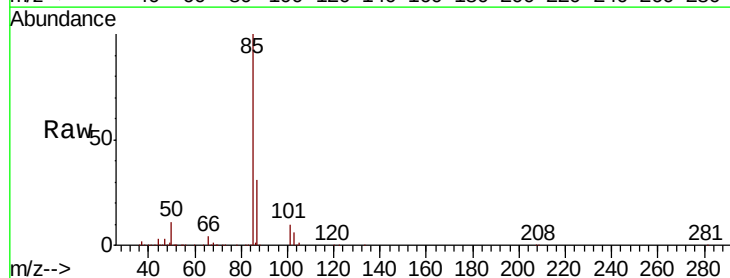
Acq: 01 Jul 2020 07:11

Tgt Ion: 85 Resp: 119150

Ion Ratio Lower Upper

85 100

87 31.3 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

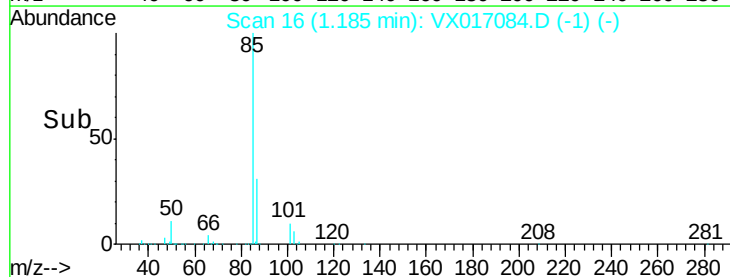
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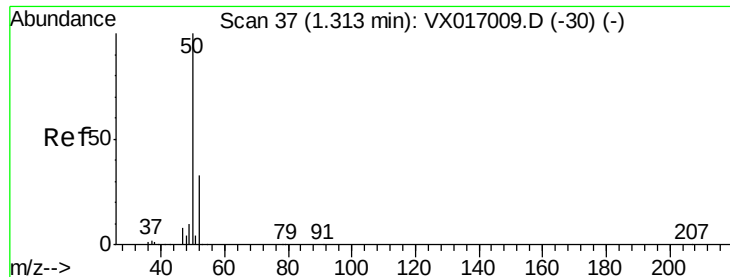
50000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 43.768 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

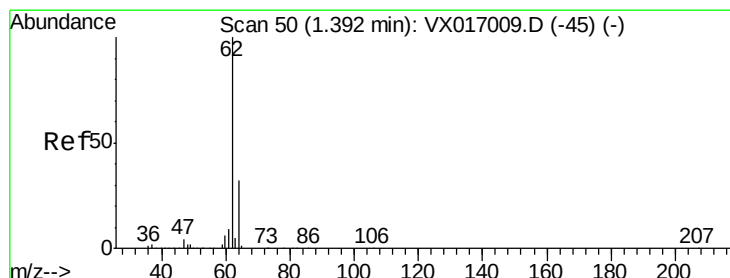
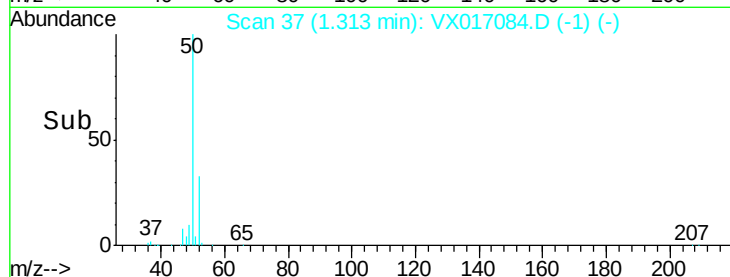
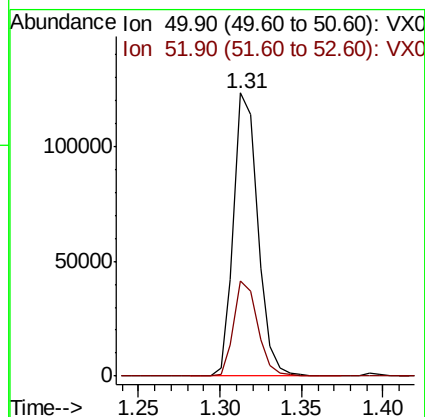
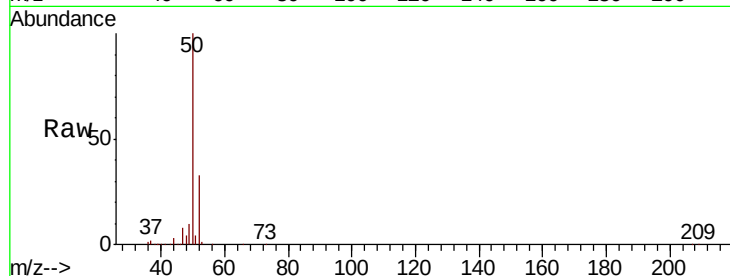
VSTDCCC050EC

Tot Ion: 50 Resp: 127787

Ion Ratio Lower Upper

50 100

52 33.4 26.1 39.1



#4

Vinyl Chloride

Concen: 45.941 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017084.D

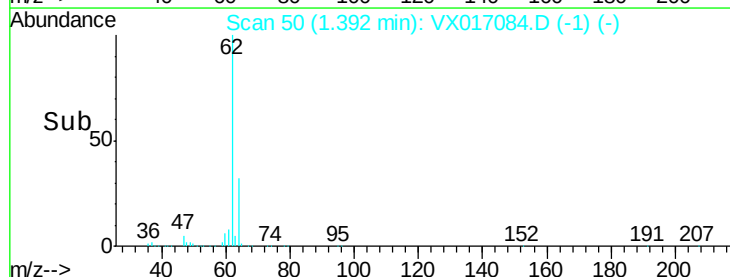
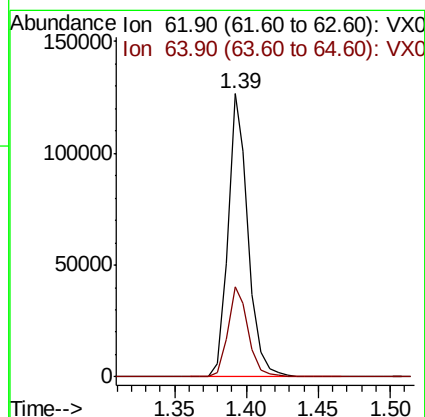
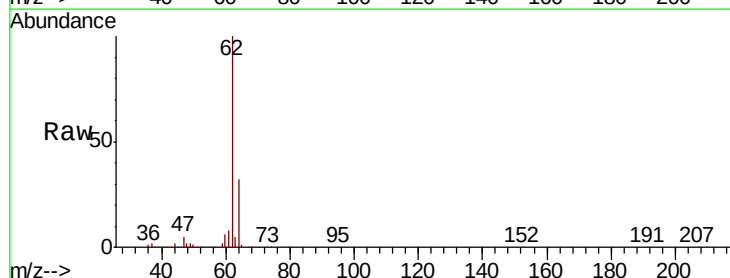
Acq: 01 Jul 2020 07:11

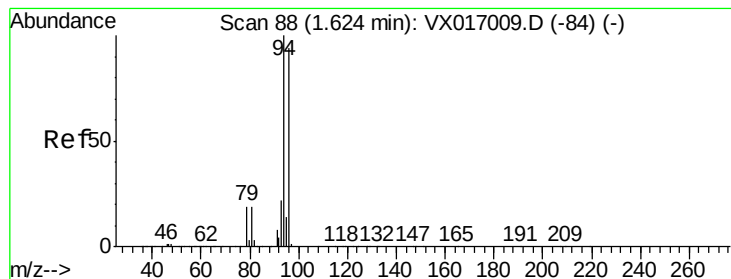
Tgt Ion: 62 Resp: 124449

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9





#5

Bromomethane

Concen: 48.054 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

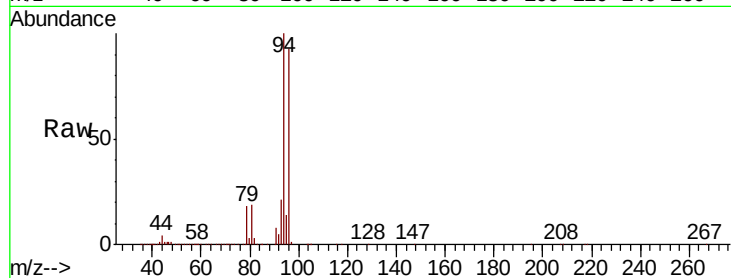
VSTDCCC050EC

Tot Ion: 94 Resp: 68774

Ion Ratio Lower Upper

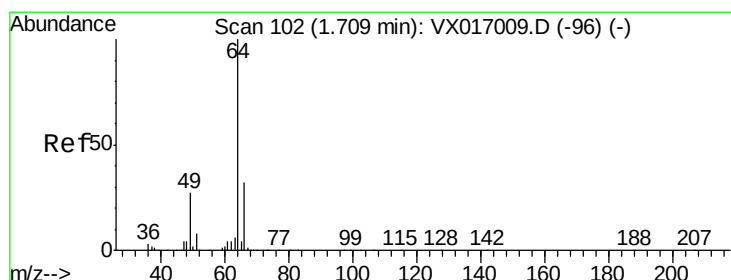
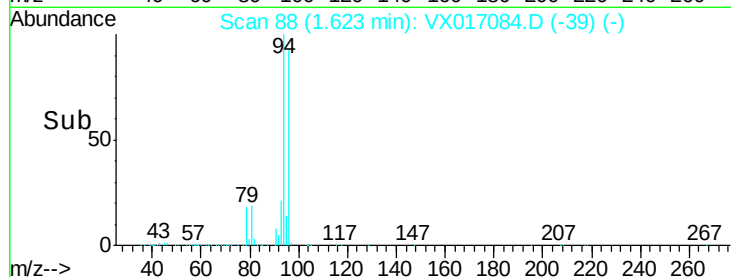
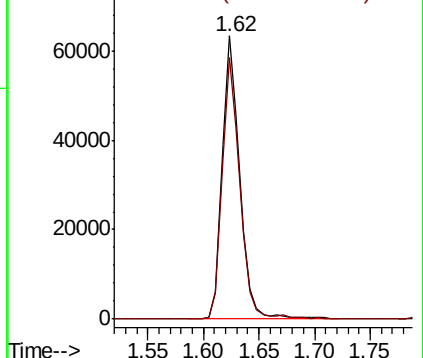
94 100

96 92.6 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.211 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017084.D

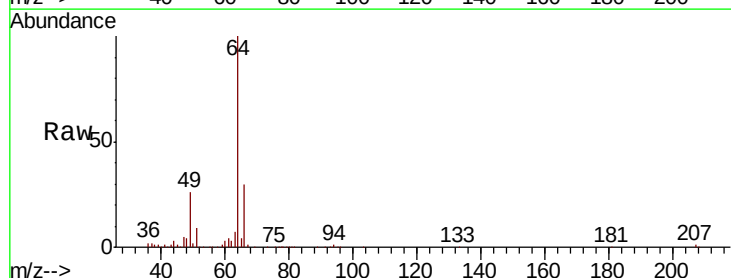
Acq: 01 Jul 2020 07:11

Tgt Ion: 64 Resp: 73933

Ion Ratio Lower Upper

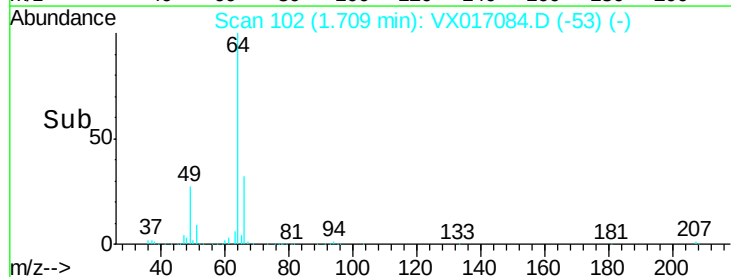
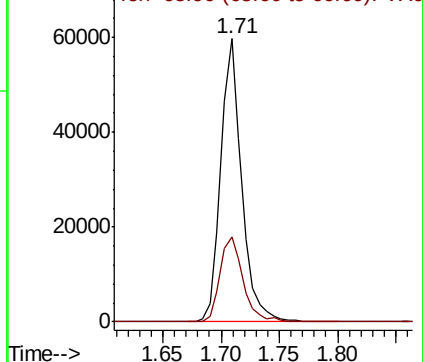
64 100

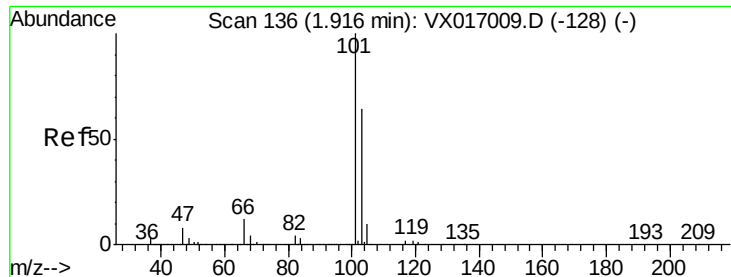
66 30.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



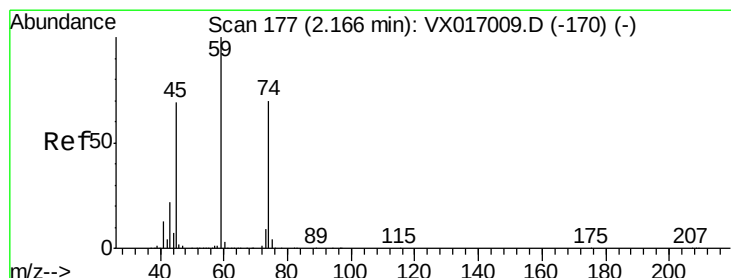
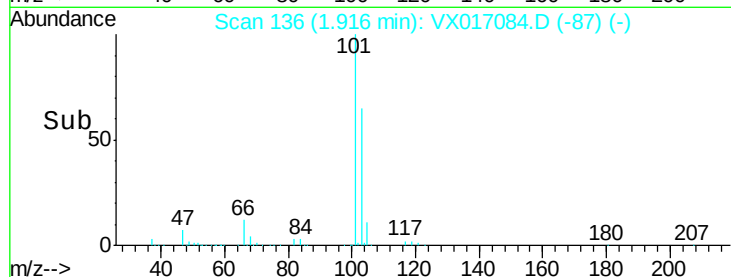
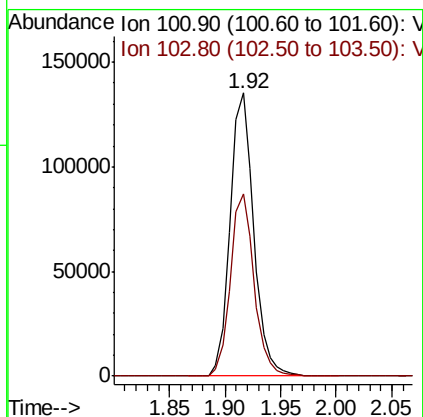
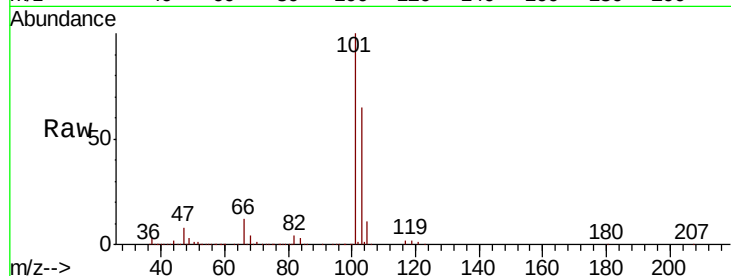


#7

Trichlorofluoromethane
Concen: 49.593 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

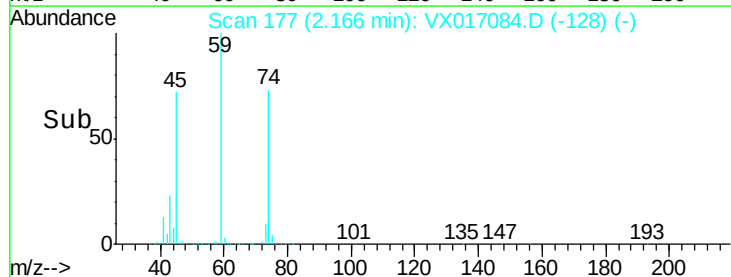
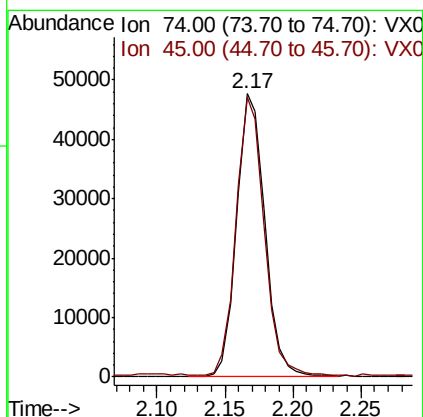
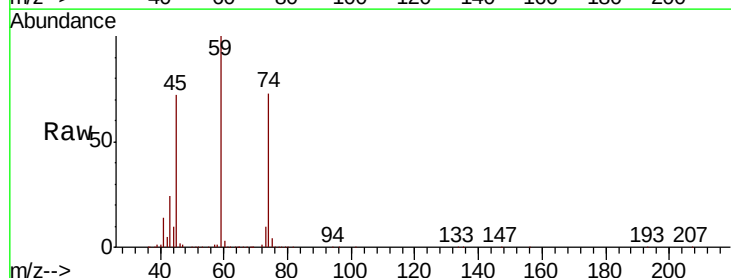
Tot Ion:101 Resp: 198685
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

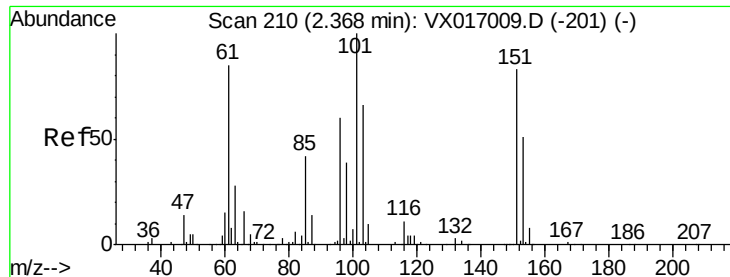


#8

Diethyl Ether
Concen: 51.139 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion: 74 Resp: 68947
Ion Ratio Lower Upper
74 100
45 98.2 49.8 149.3

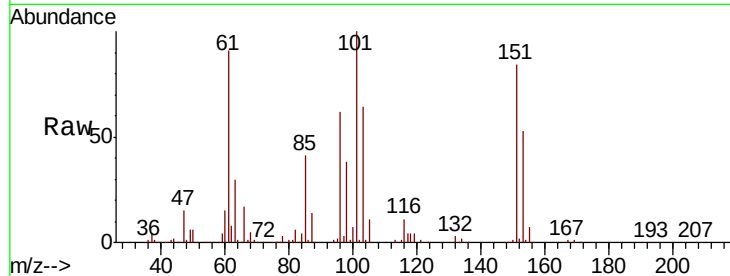




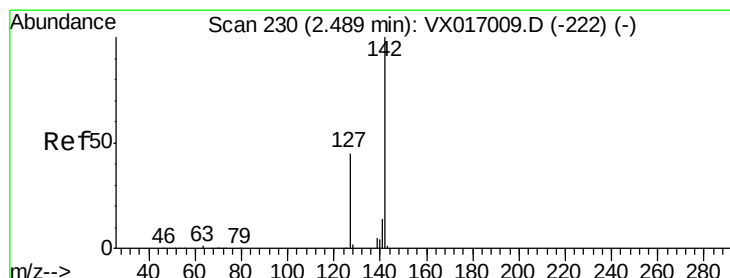
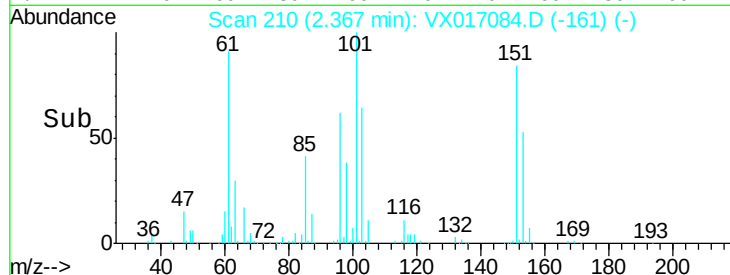
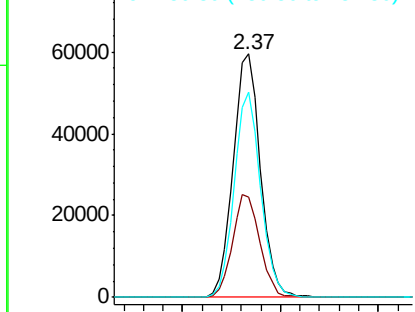
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.073 ug/l
RT: 2.37 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
85	42.2	33.5	50.3
151	81.9	63.8	95.6

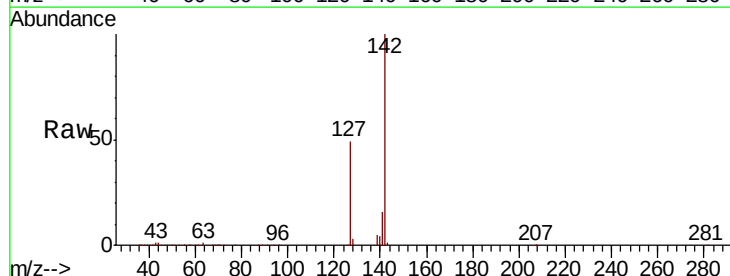


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V

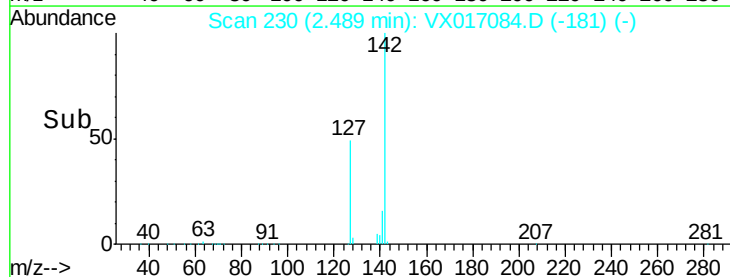
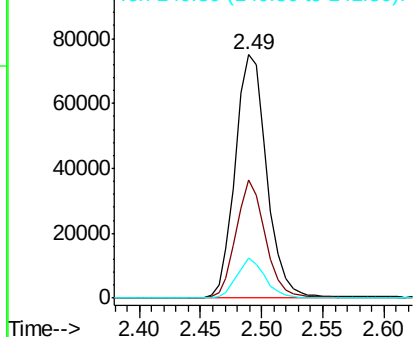


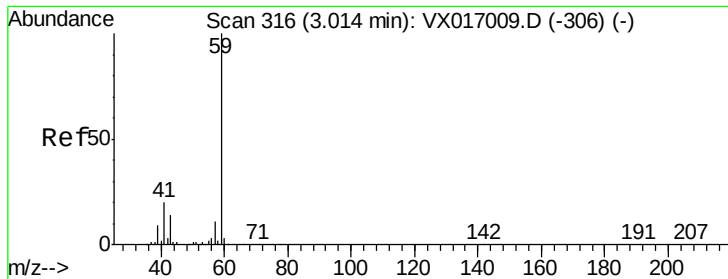
#10
Methyl Iodide
Concen: 43.204 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.6	36.6	54.8
141	15.0	11.6	17.4



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

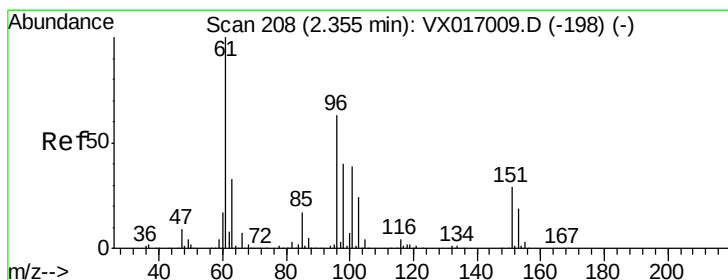
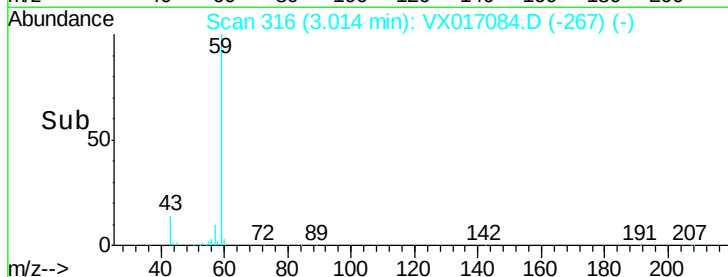
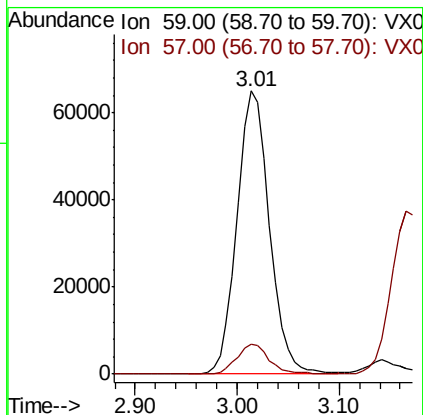
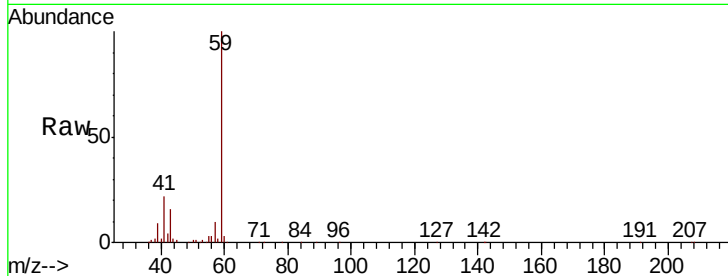




#11
Tert butyl alcohol
Concen: 245.105 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

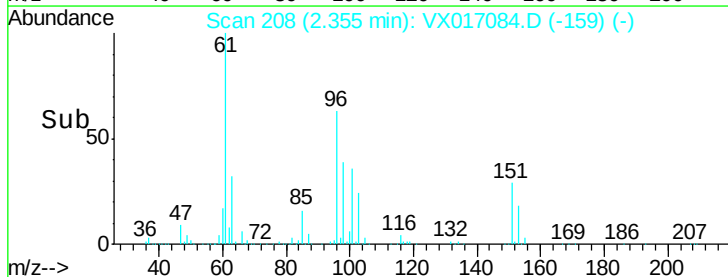
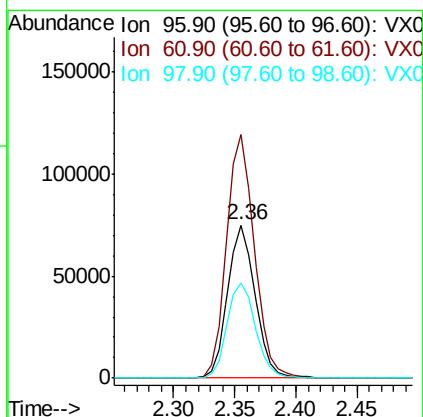
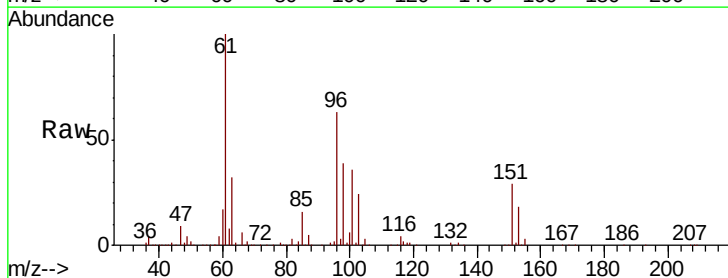
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

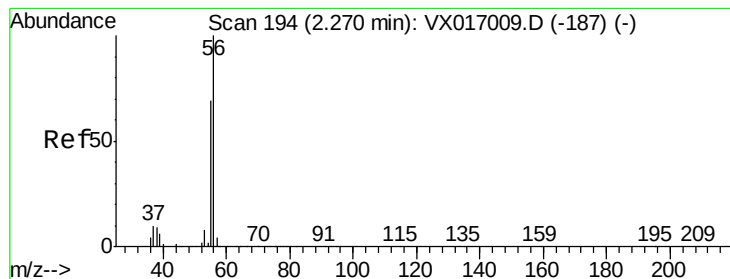
Tot Ion: 59 Resp: 143720
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 47.307 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion: 96 Resp: 116693
Ion Ratio Lower Upper
96 100
61 159.0 126.3 189.5
98 62.1 51.0 76.6





#13

Acrolein

Concen: 198.239 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

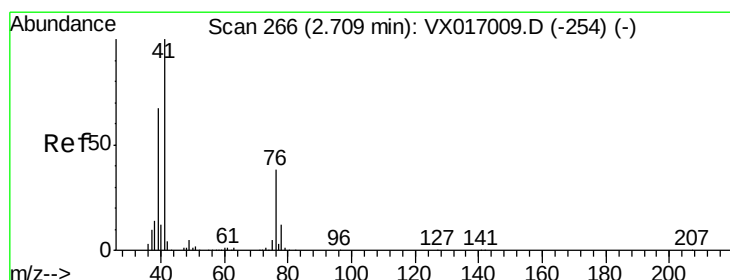
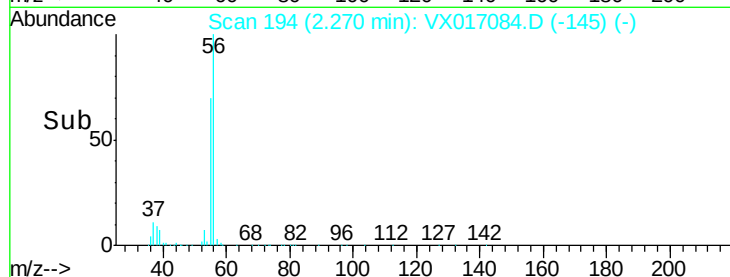
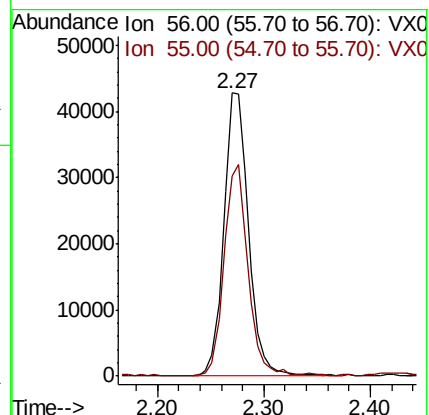
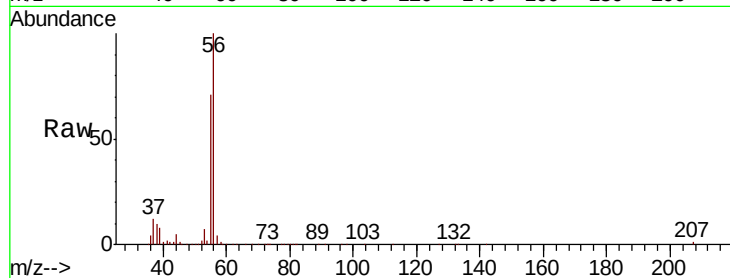
VSTDCCC050EC

Tot Ion: 56 Resp: 69486

Ion Ratio Lower Upper

56 100

55 71.7 55.7 83.5



#14

Allyl chloride

Concen: 43.764 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

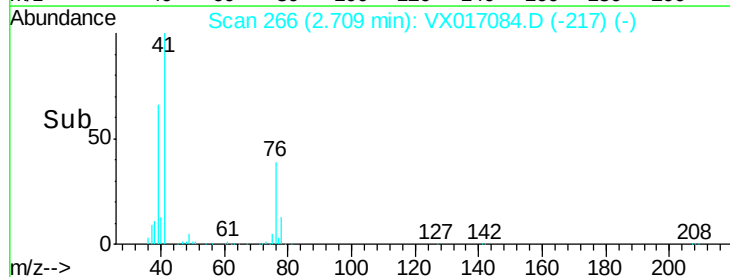
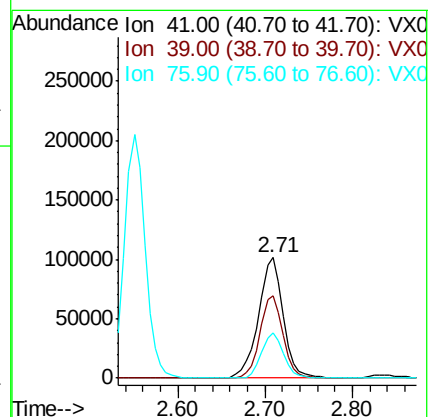
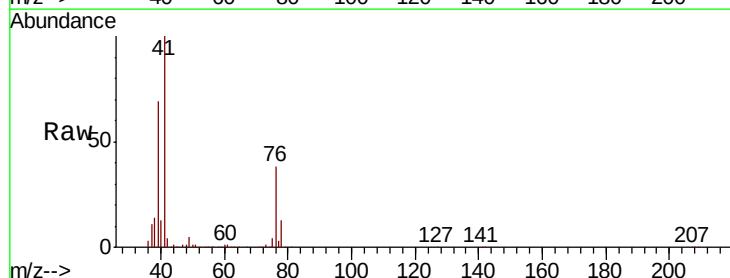
Tgt Ion: 41 Resp: 199505

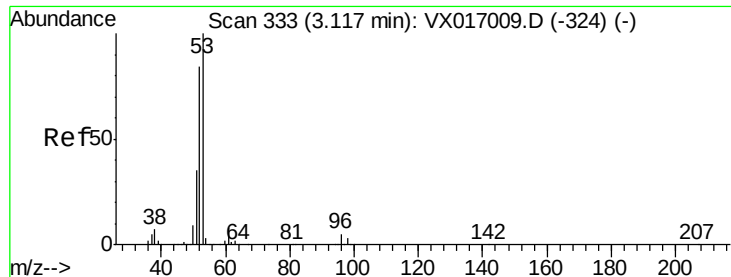
Ion Ratio Lower Upper

41 100

39 63.7 49.4 74.2

76 33.6 26.8 40.2





#15

Acrylonitrile

Concen: 246.172 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

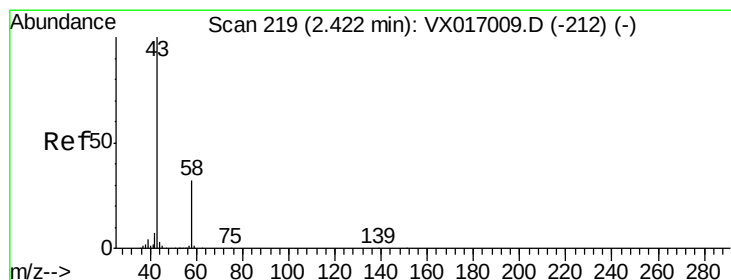
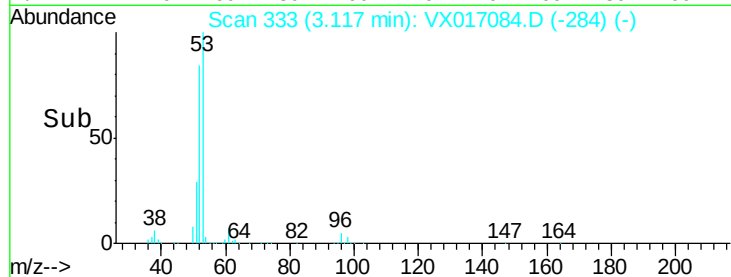
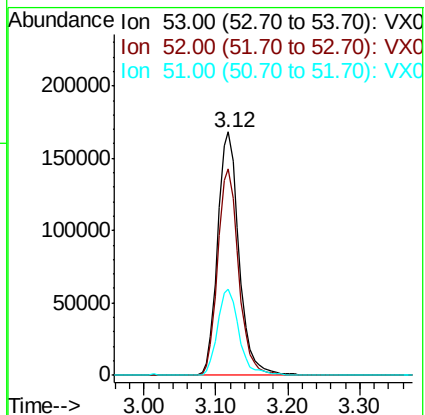
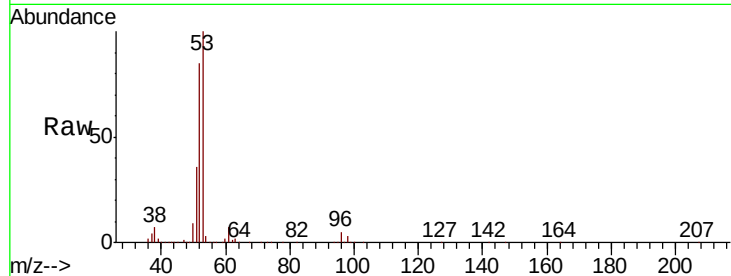
Tot Ion: 53 Resp: 347002

Ion Ratio Lower Upper

53 100

52 83.0 65.6 98.4

51 35.6 28.3 42.5



#16

Acetone

Concen: 255.147 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017084.D

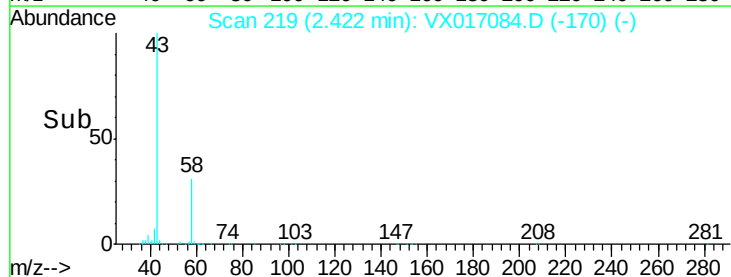
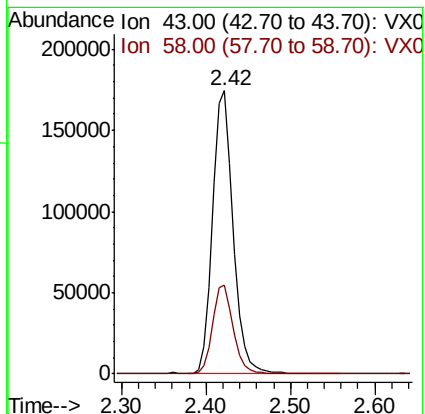
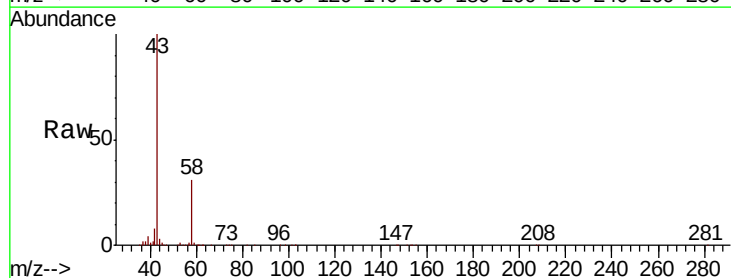
Acq: 01 Jul 2020 07:11

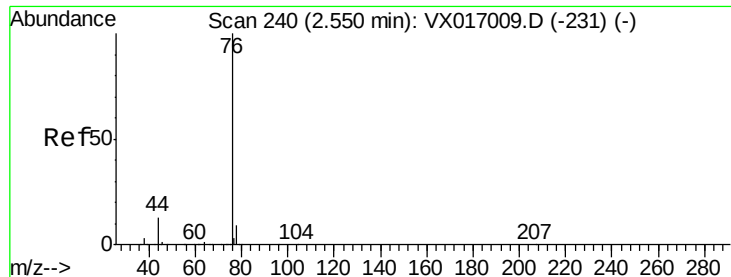
Tgt Ion: 43 Resp: 293374

Ion Ratio Lower Upper

43 100

58 31.4 25.7 38.5





#17

Carbon Disulfide

Concen: 48.981 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

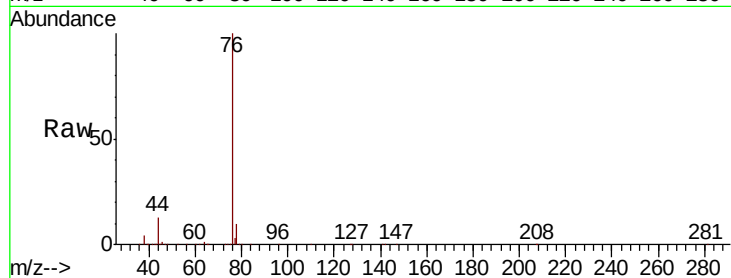
VSTDCCC050EC

Tot Ion: 76 Resp: 337151

Ion Ratio Lower Upper

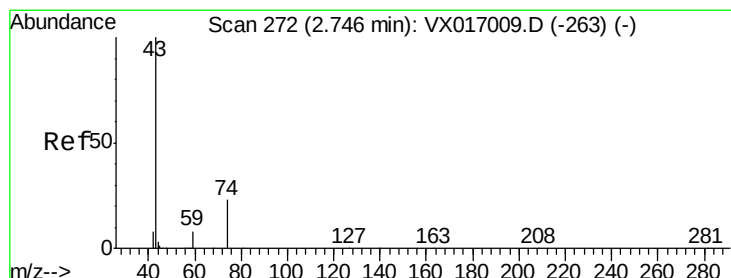
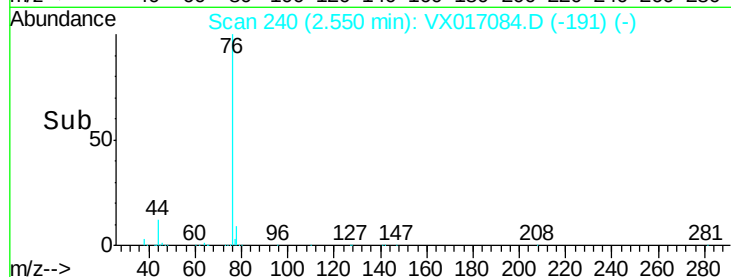
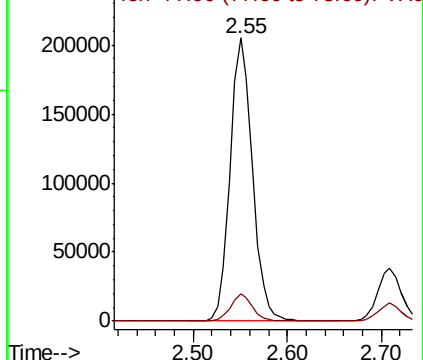
76 100

78 9.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.991 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017084.D

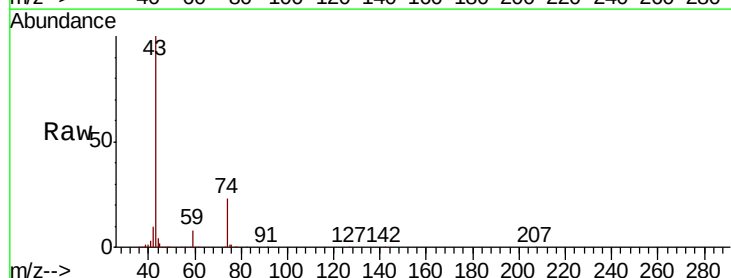
Acq: 01 Jul 2020 07:11

Tgt Ion: 43 Resp: 156057

Ion Ratio Lower Upper

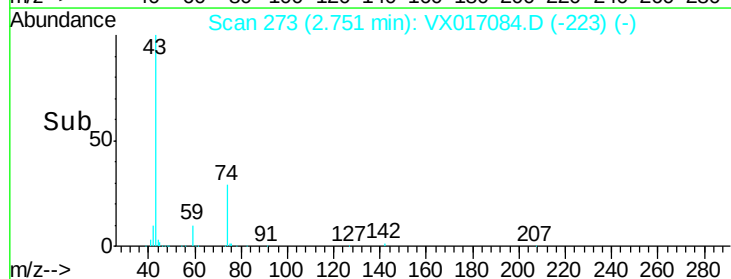
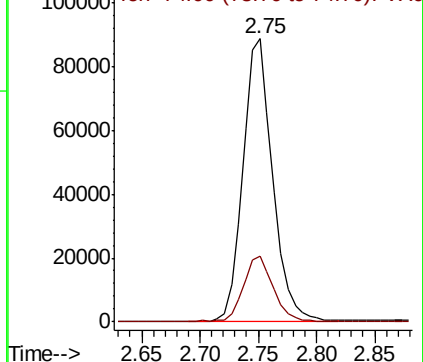
43 100

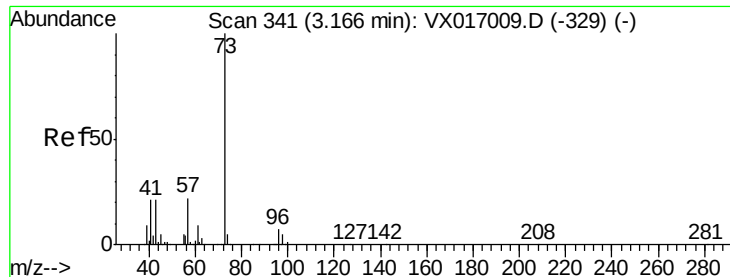
74 23.9 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



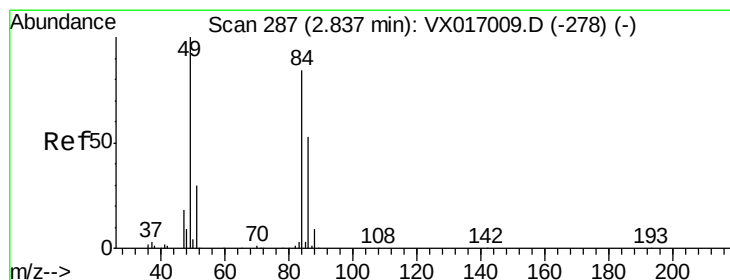
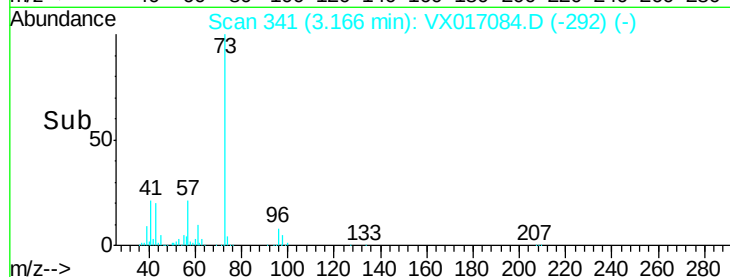
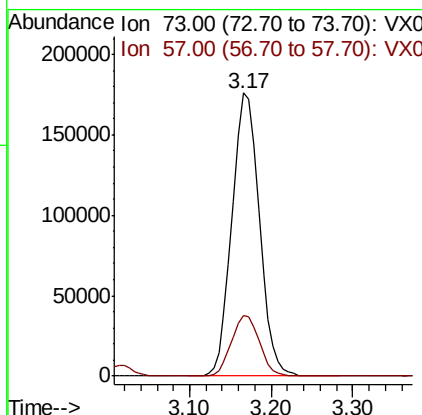
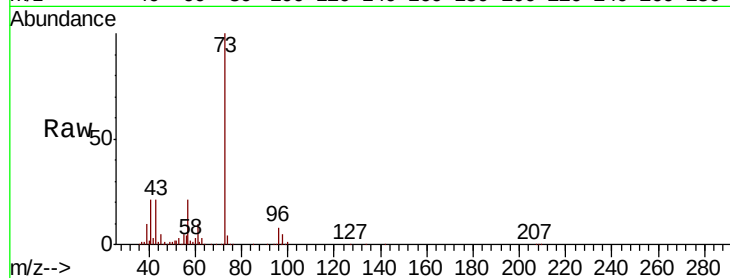


#19

Methyl tert-butyl Ether
 Concen: 49.516 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

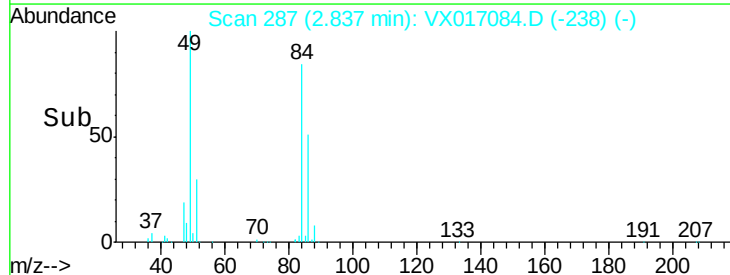
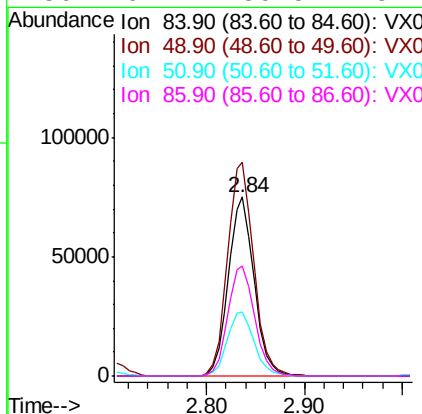
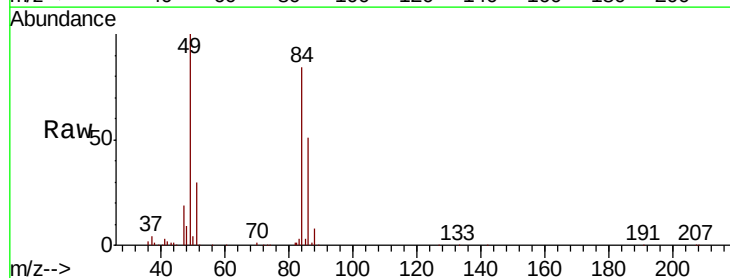
Tot Ion: 73 Resp: 409926
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.6 26.4

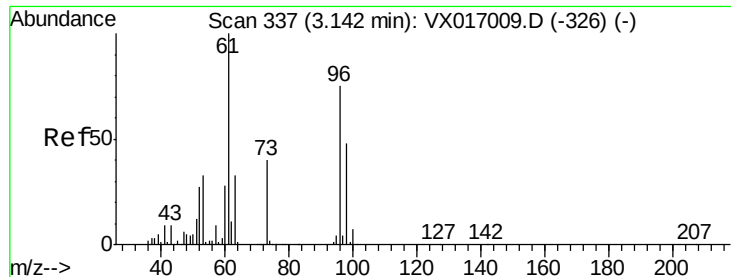


#20

Methylene Chloride
 Concen: 51.728 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion: 84 Resp: 136339
 Ion Ratio Lower Upper
 84 100
 49 119.3 94.7 142.1
 51 35.9 28.6 42.8
 86 61.2 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 48.831 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

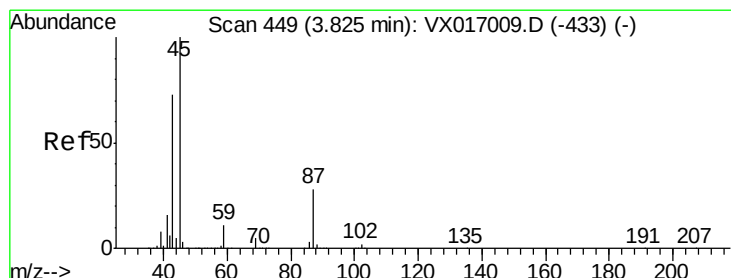
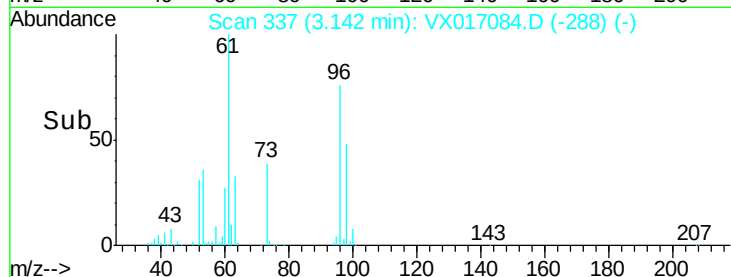
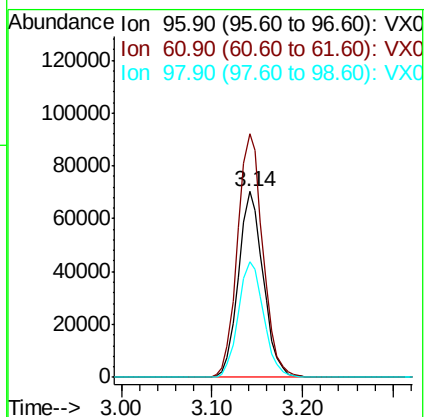
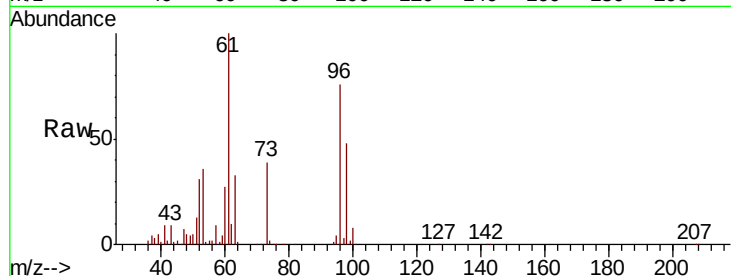
Tot Ion: 96 Resp: 133670

Ion Ratio Lower Upper

96 100

61 131.1 107.0 160.6

98 62.3 51.6 77.4



#22

Diisopropyl ether

Concen: 49.151 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Tgt Ion: 45 Resp: 414701

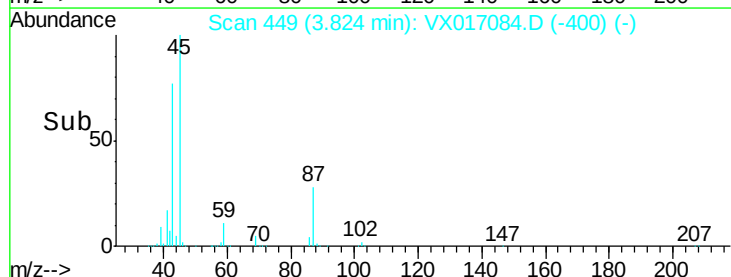
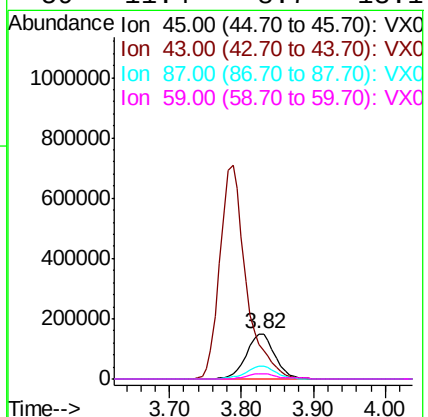
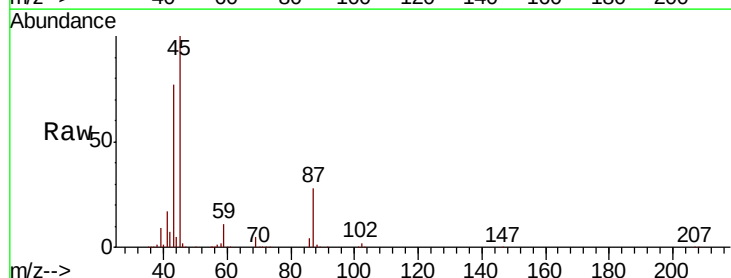
Ion Ratio Lower Upper

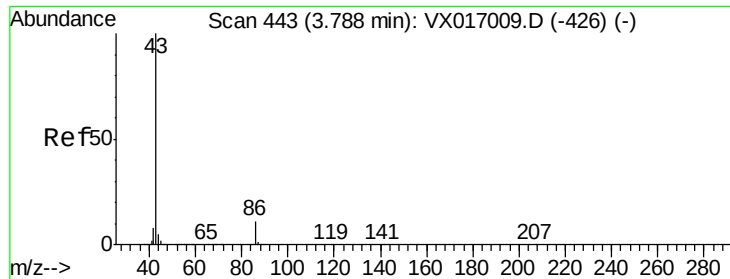
45 100

43 77.2 58.6 88.0

87 28.1 22.6 34.0

59 11.4 8.7 13.1





#23

Vinyl Acetate

Concen: 249.516 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

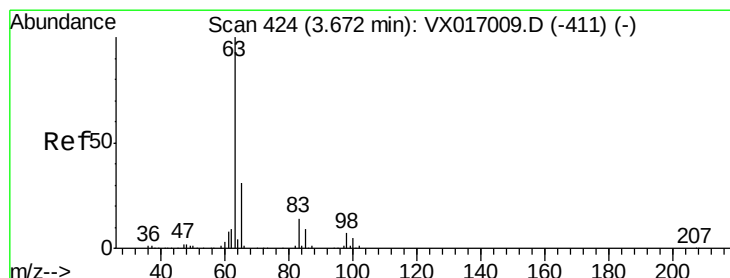
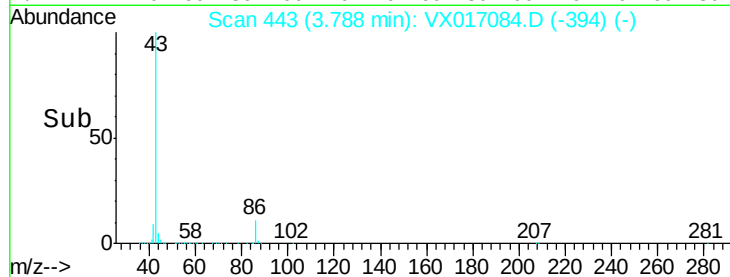
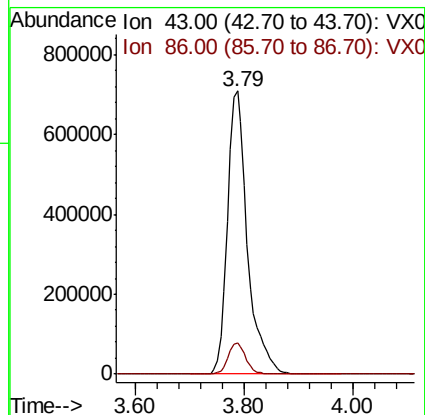
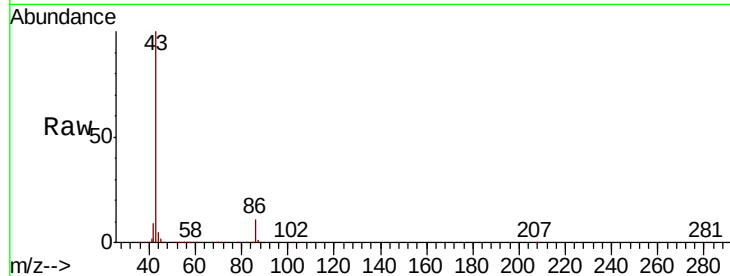
VSTDCCC050EC

Tot Ion: 43 Resp: 1809059

Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0



#24

1,1-Dichloroethane

Concen: 48.485 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

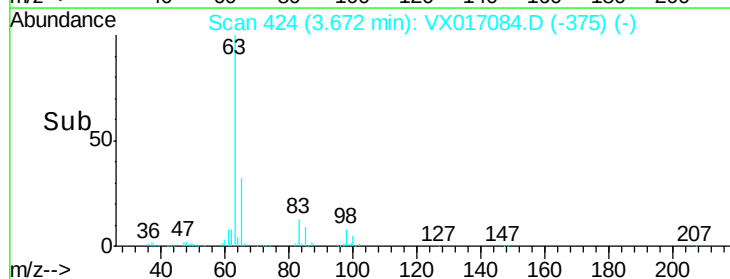
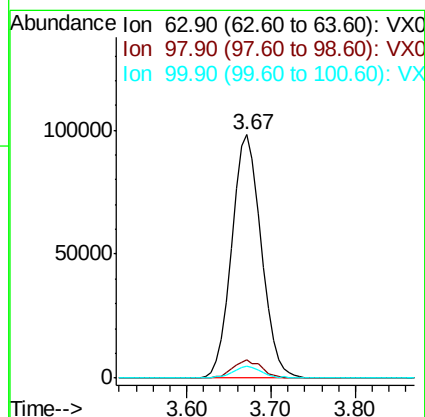
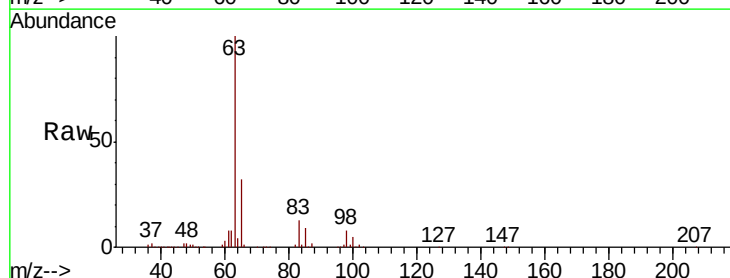
Tgt Ion: 63 Resp: 232767

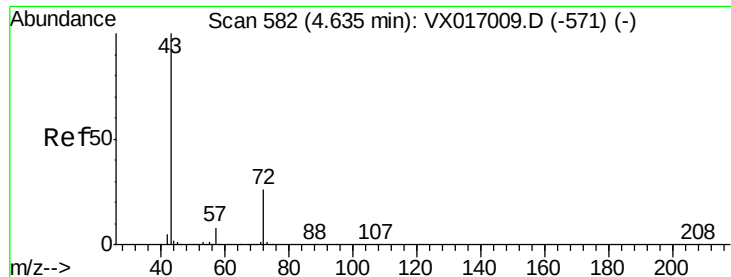
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 5.1 2.4 7.1

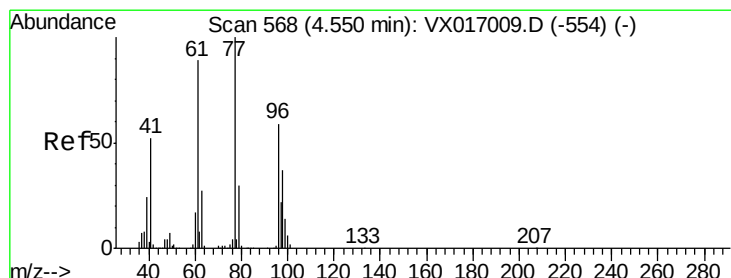
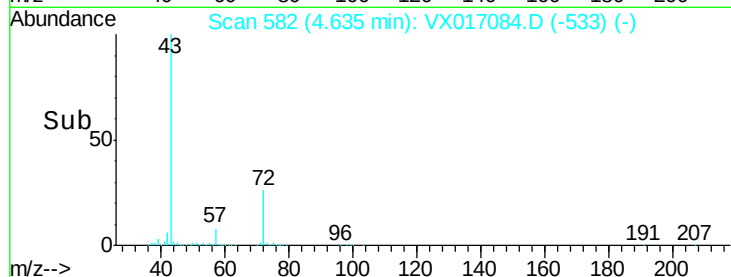
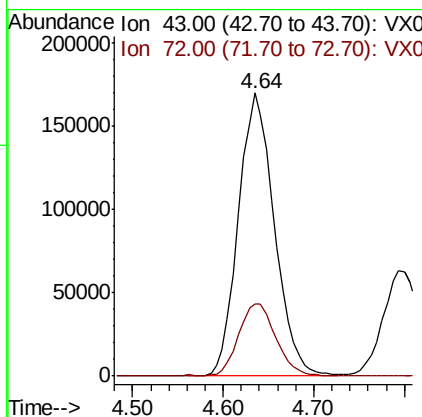
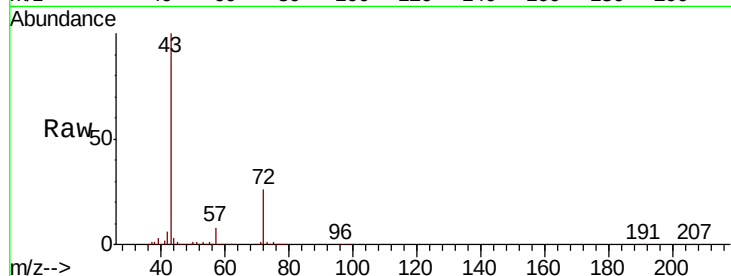




#25
 2-Butanone
 Concen: 243.978 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

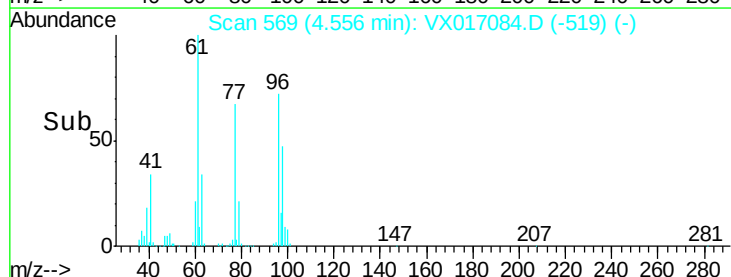
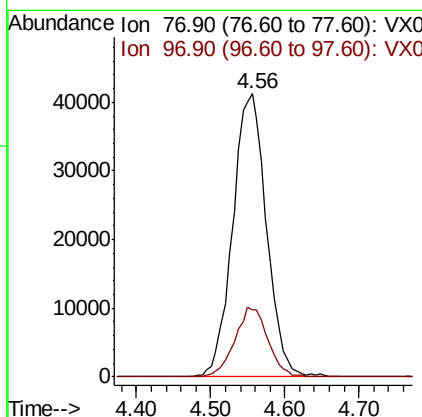
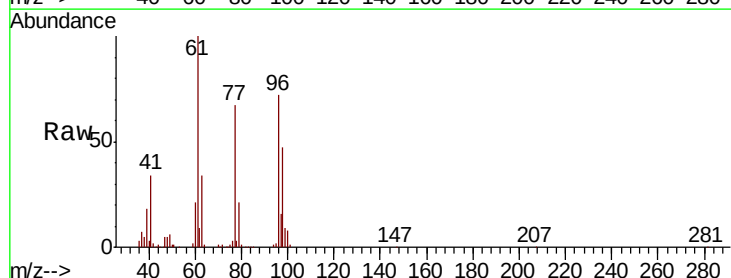
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

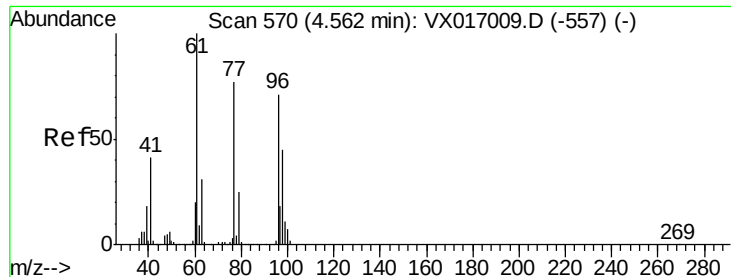
Tot Ion: 43 Resp: 467439
 Ion Ratio Lower Upper
 43 100
 72 25.6 20.8 31.2



#26
 2,2-Dichloropropane
 Concen: 30.667 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion: 77 Resp: 130723
 Ion Ratio Lower Upper
 77 100
 97 24.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 46.447 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

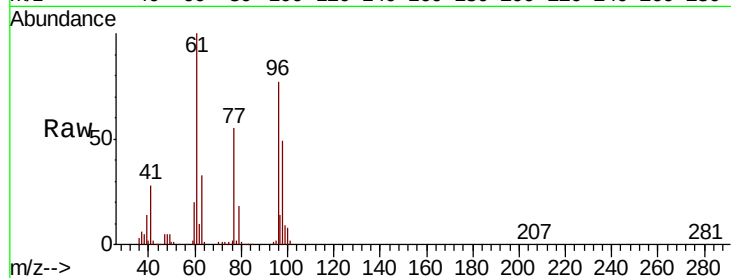
Tot Ion: 96 Resp: 144061

Ion Ratio Lower Upper

96 100

61 135.4 0.0 282.8

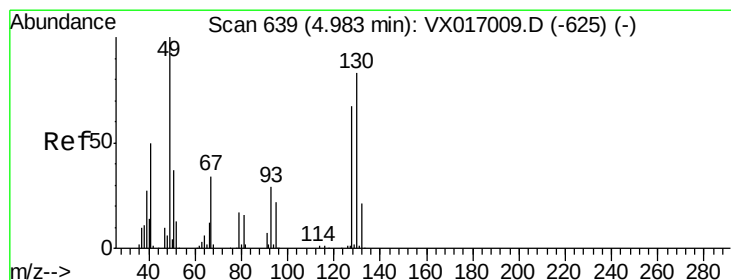
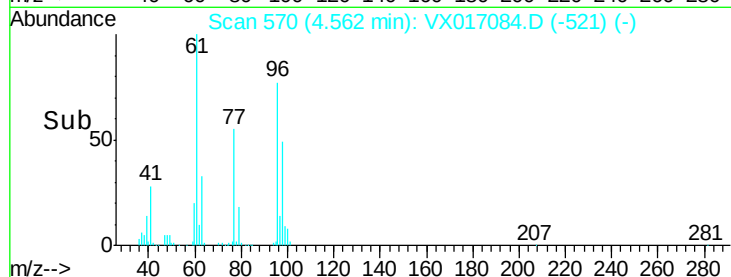
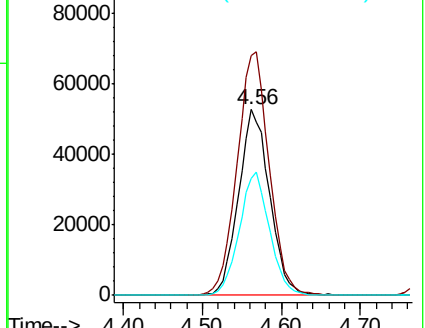
98 64.5 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 45.702 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

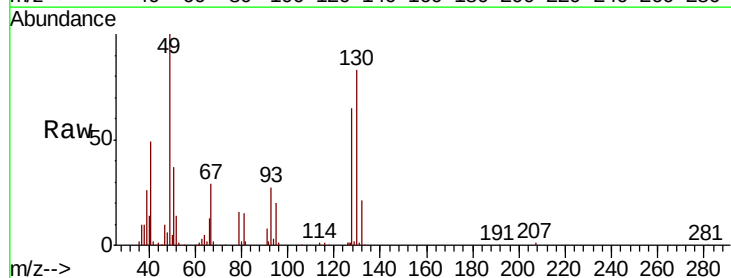
Tgt Ion: 49 Resp: 106767

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

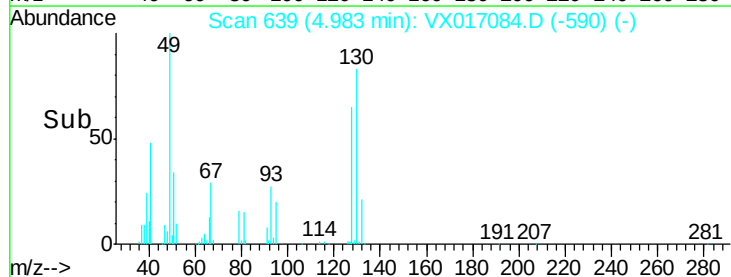
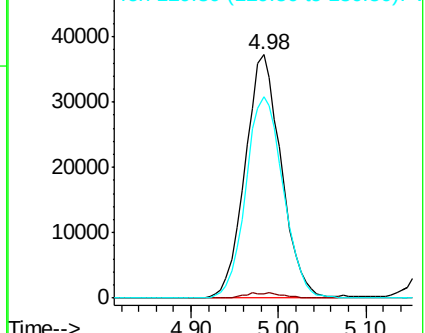
130 85.8 66.6 100.0

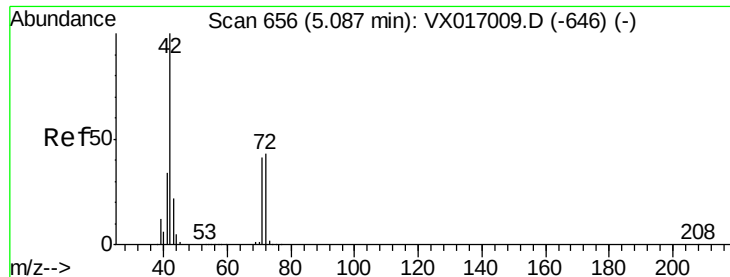


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 245.547 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

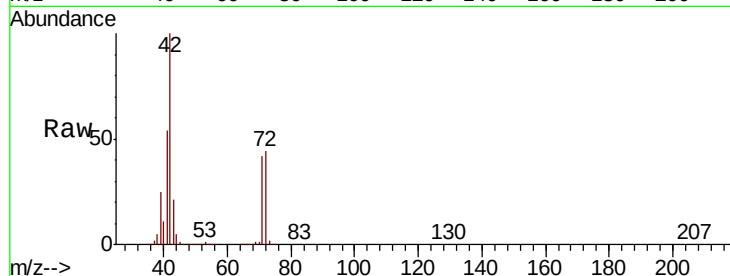
Tot Ion: 42 Resp: 310833

Ion Ratio Lower Upper

42 100

72 44.4 35.3 52.9

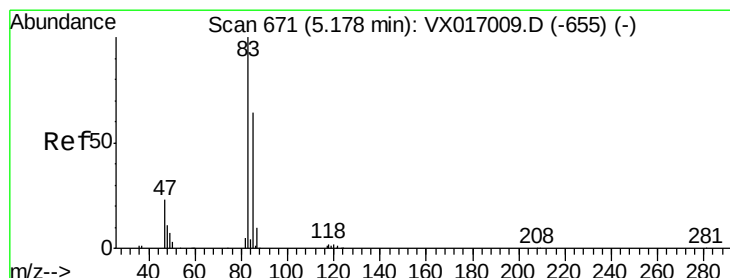
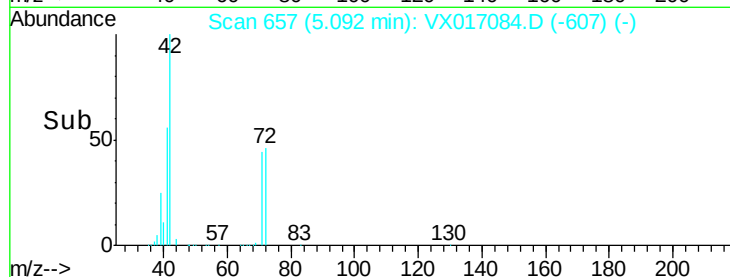
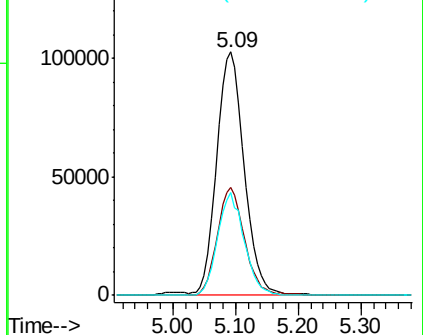
71 41.1 33.1 49.7



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: 48.819 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017084.D

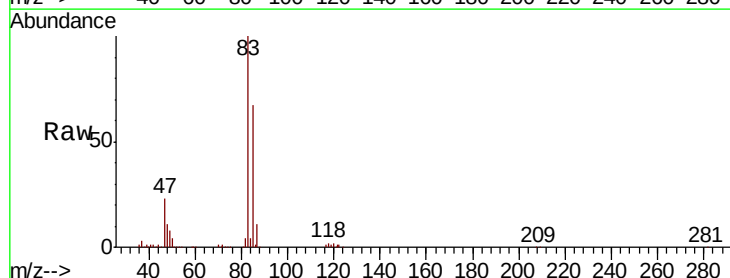
Acq: 01 Jul 2020 07:11

Tgt Ion: 83 Resp: 240252

Ion Ratio Lower Upper

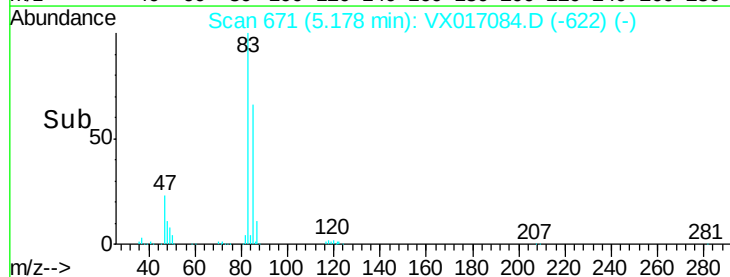
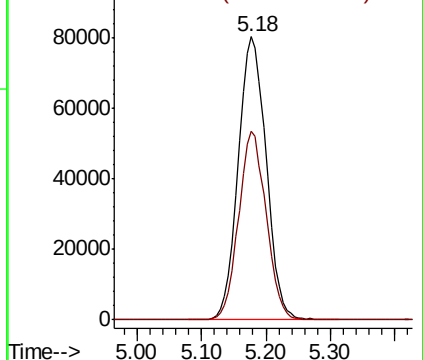
83 100

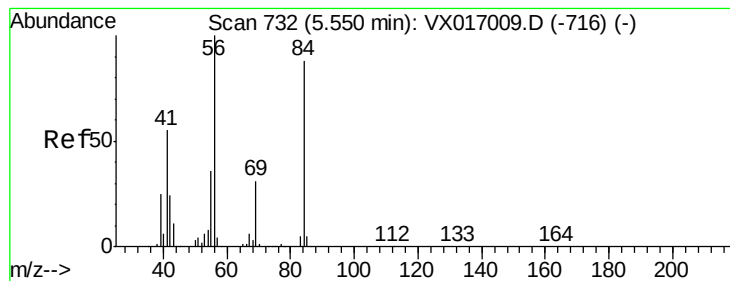
85 66.6 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.411 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

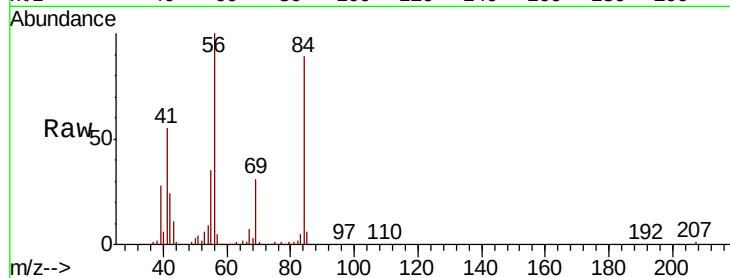
Tot Ion: 56 Resp: 196741

Ion Ratio Lower Upper

56 100

69 30.7 25.0 37.4

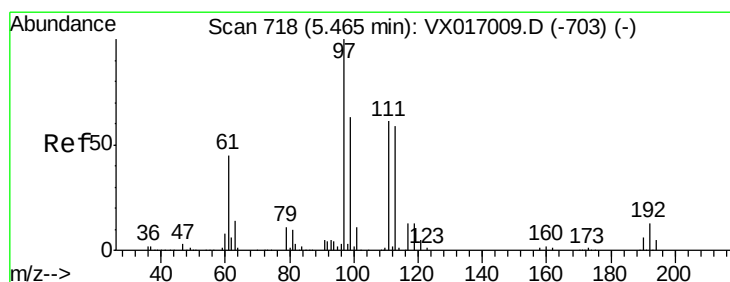
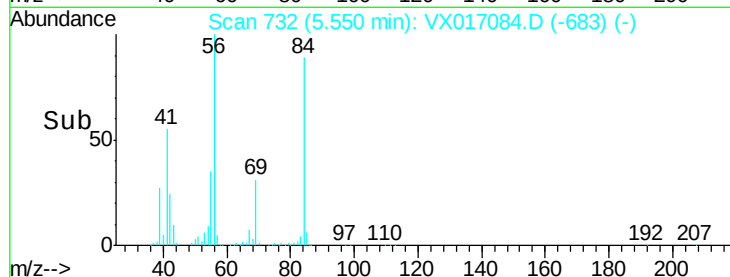
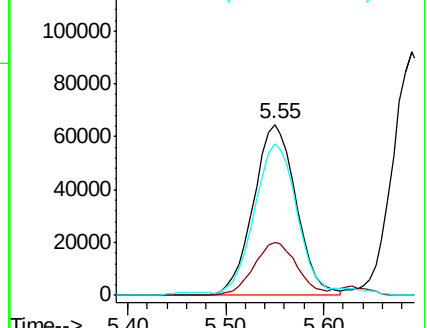
84 86.8 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.045 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

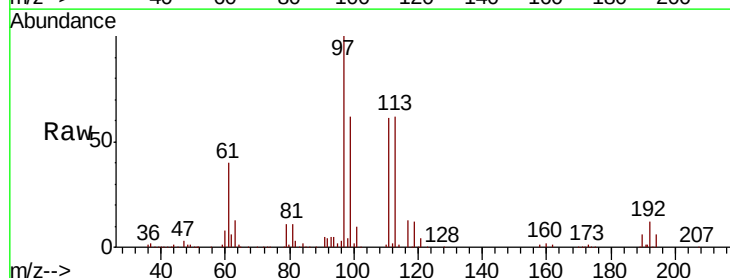
Tgt Ion: 97 Resp: 222285

Ion Ratio Lower Upper

97 100

99 64.0 50.8 76.2

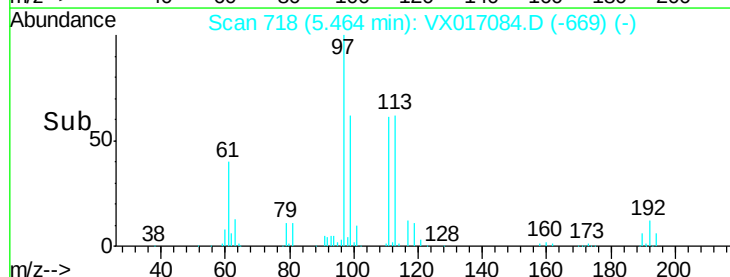
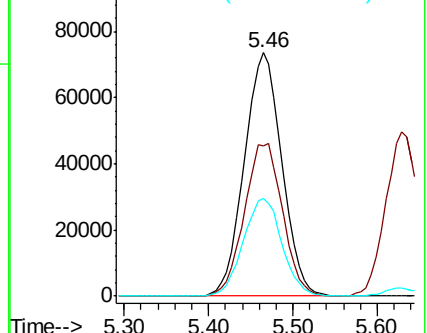
61 41.5 33.7 50.5

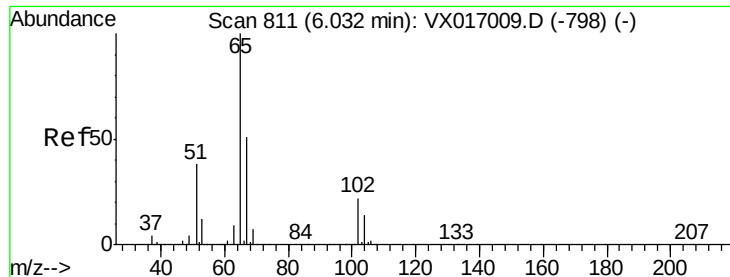


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

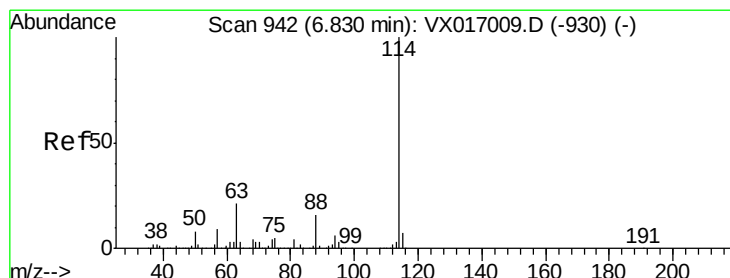
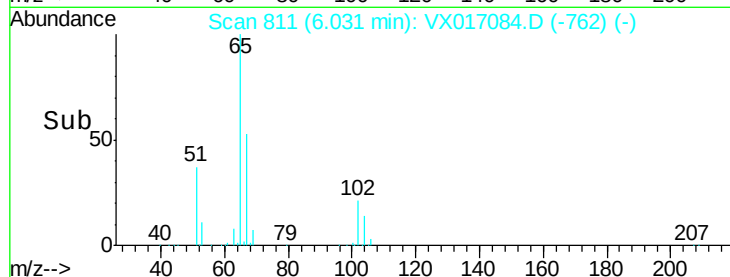
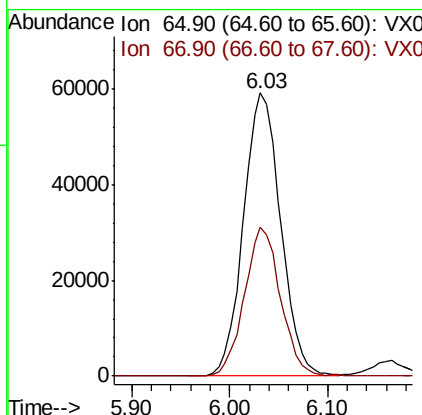
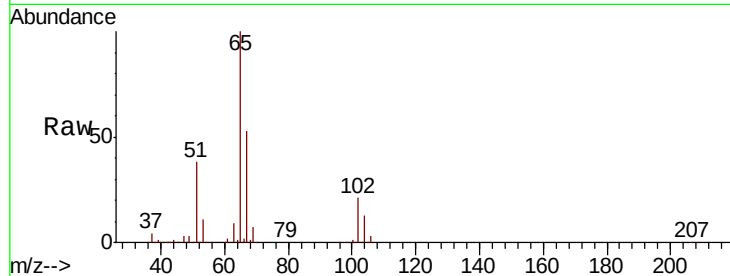




#33
 1,2-Dichloroethane-d4
 Concen: 50.711 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

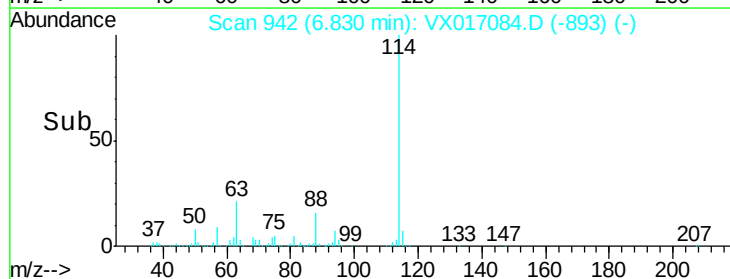
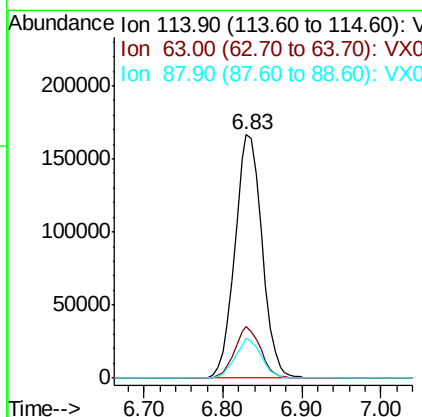
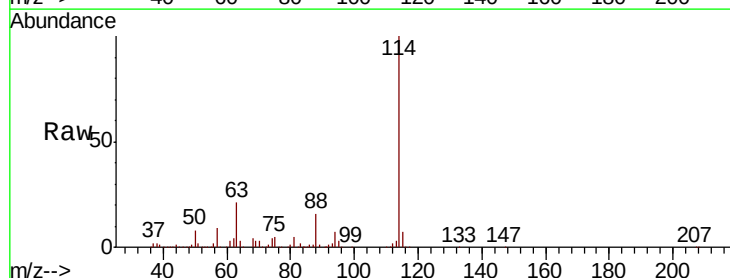
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

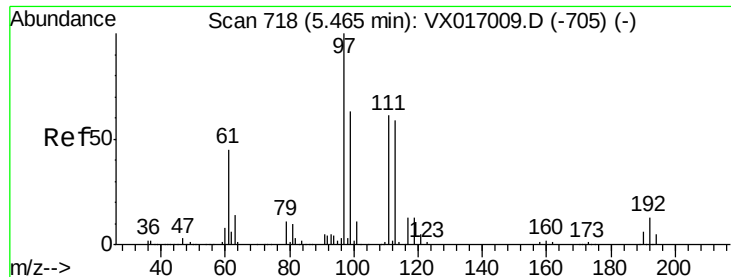
Tot Ion: 65 Resp: 155869
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion: 114 Resp: 398476
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.4
 88 16.2 0.0 32.4

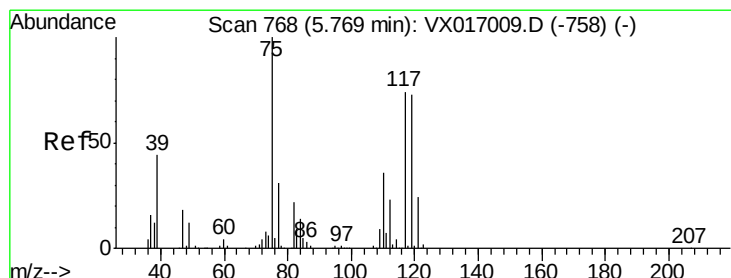
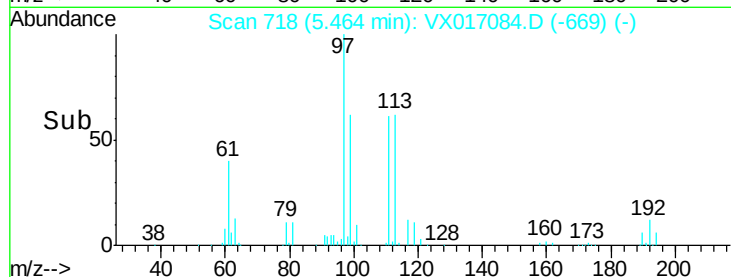
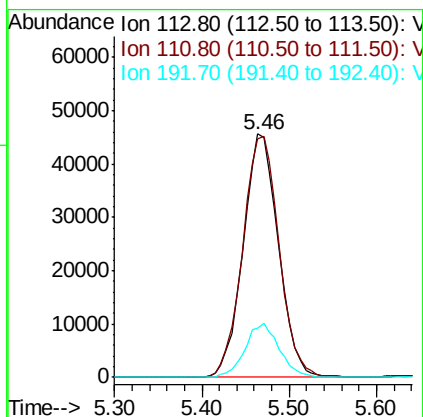
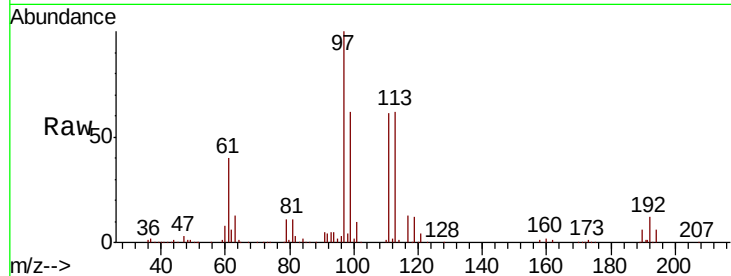




#35
 Dibromofluoromethane
 Concen: 50.799 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

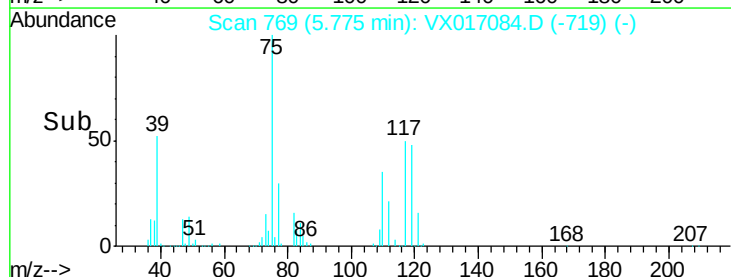
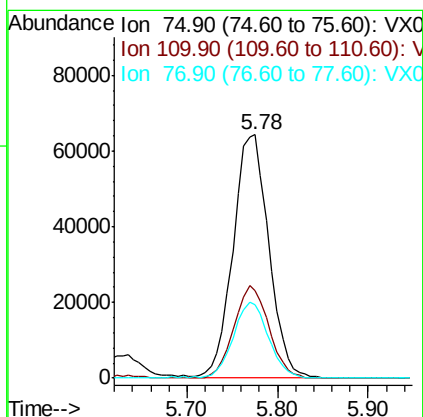
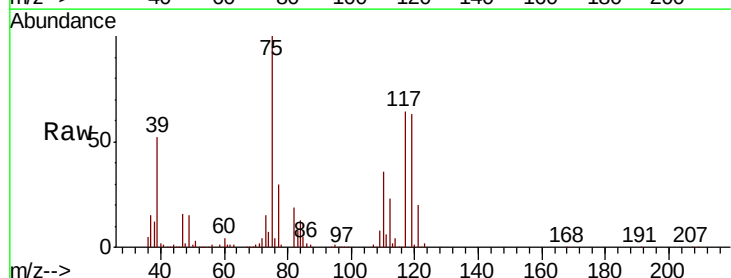
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

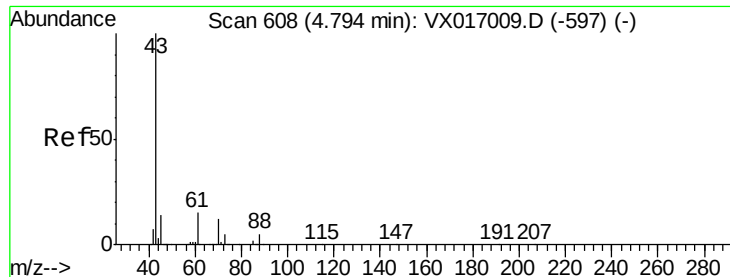
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	21.5	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 46.529 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.1	54.1
77	31.0	24.6	37.0

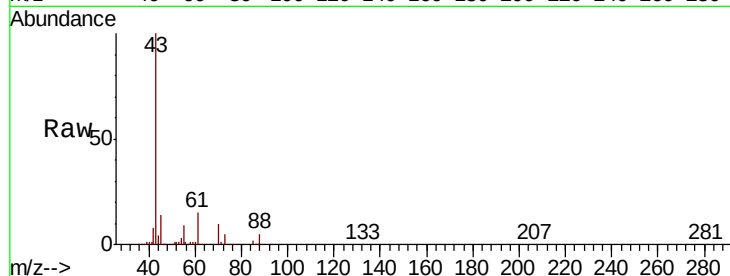




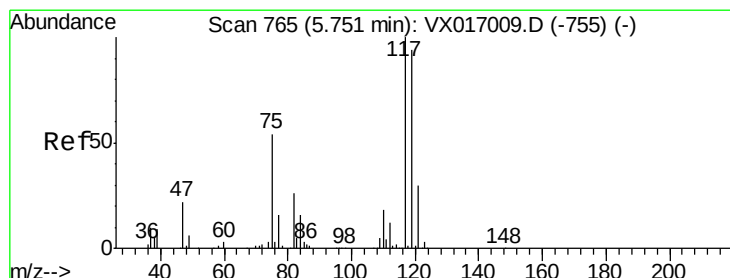
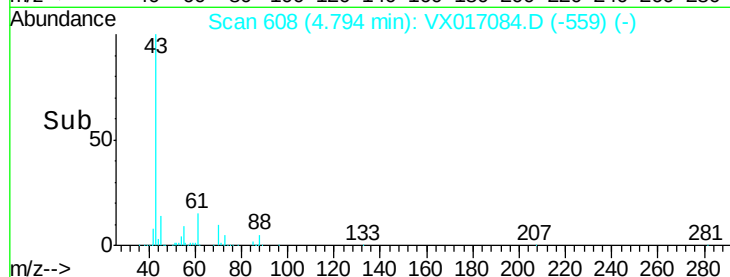
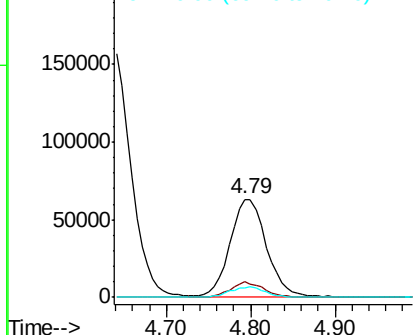
#37
Ethyl Acetate
Concen: 47.967 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 183287
Ion Ratio Lower Upper
43 100
61 14.6 11.0 16.4
70 10.7 8.9 13.3

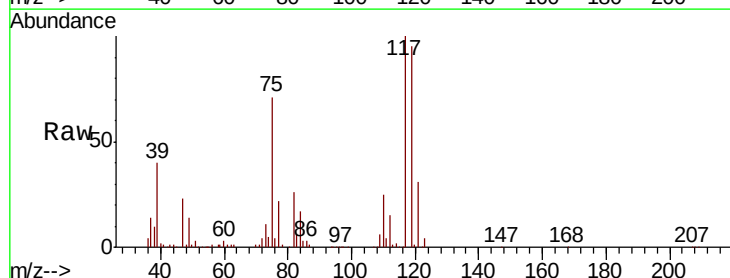


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

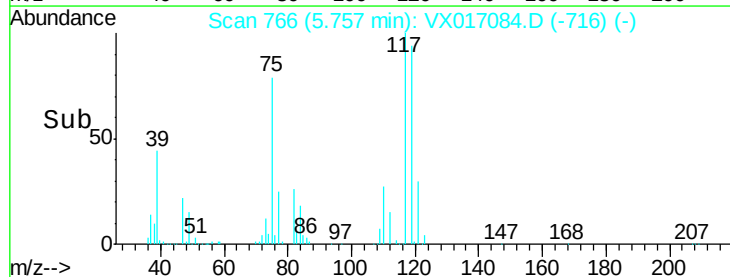
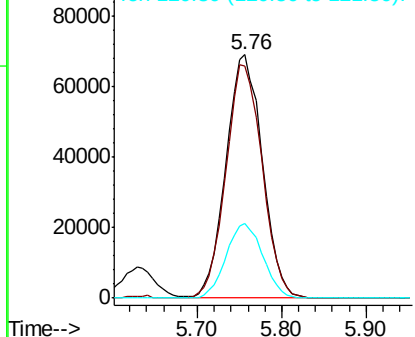


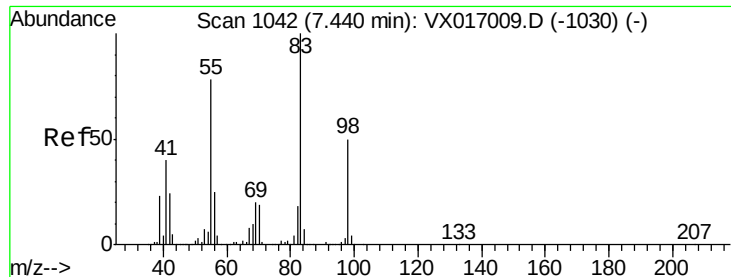
#38
Carbon Tetrachloride
Concen: 48.771 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion: 117 Resp: 202304
Ion Ratio Lower Upper
117 100
119 95.4 75.4 113.0
121 30.5 23.8 35.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

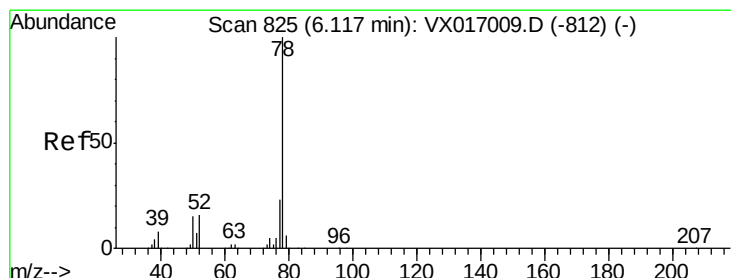
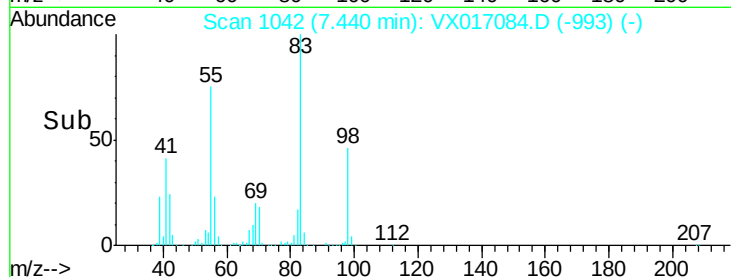
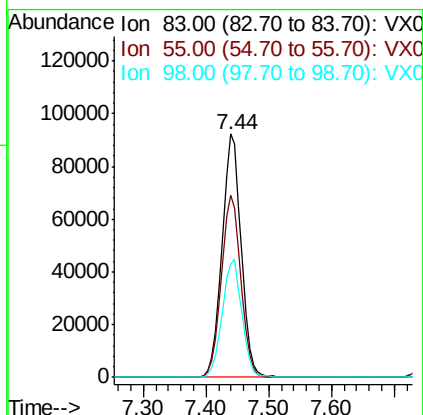
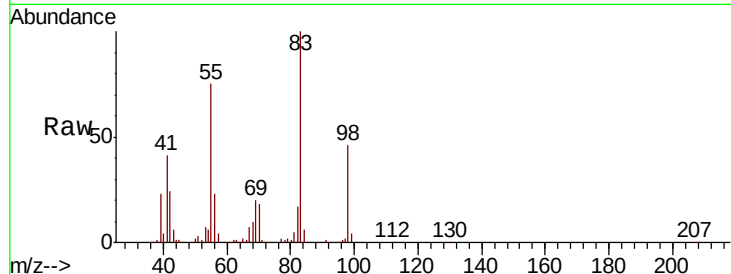




#39
Methylvlcyclohexane
Concen: 46.413 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

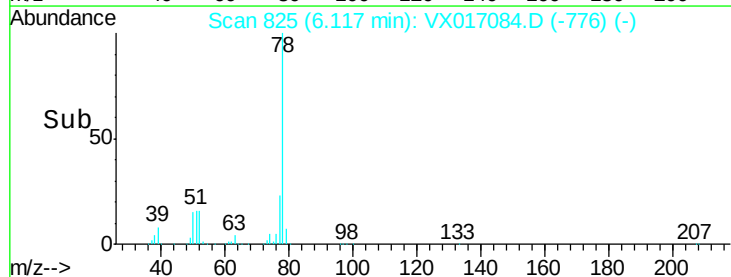
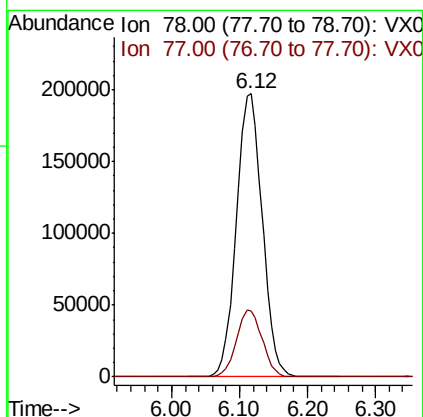
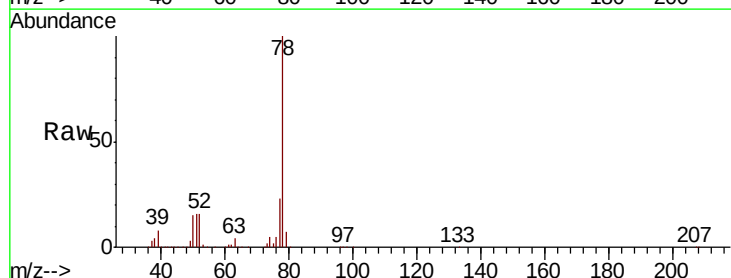
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

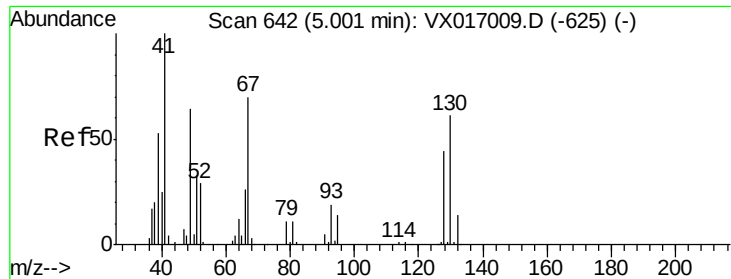
Tot Ion: 83 Resp: 194482
Ion Ratio Lower Upper
83 100
55 75.1 62.5 93.7
98 46.4 40.1 60.1



#40
Benzene
Concen: 47.117 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion: 78 Resp: 521366
Ion Ratio Lower Upper
78 100
77 23.3 18.3 27.5

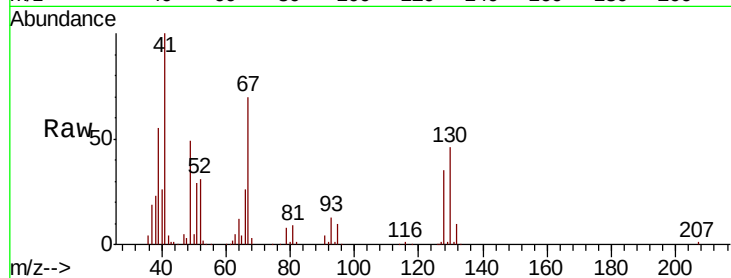




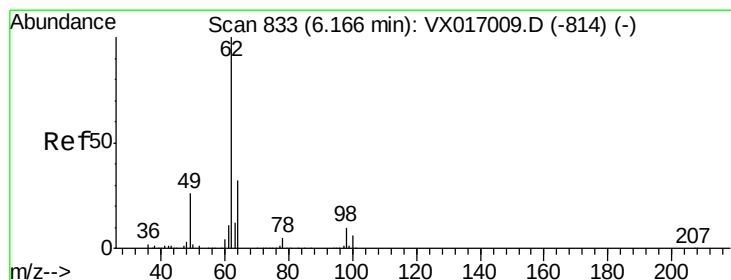
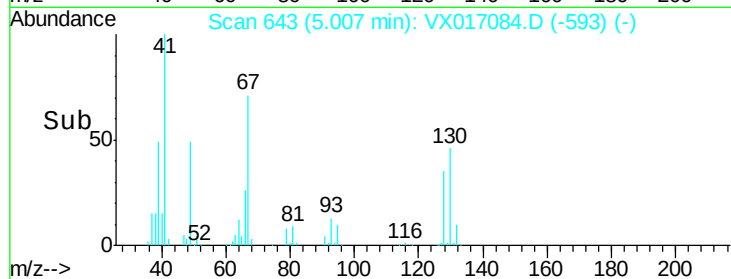
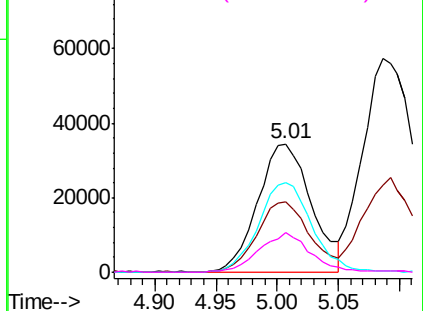
#41
Methacrylonitrile
Concen: 48.639 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 104603
Ion Ratio Lower Upper
41 100
39 54.1 44.4 66.6
67 70.1 57.1 85.7
52 30.0 23.2 34.8

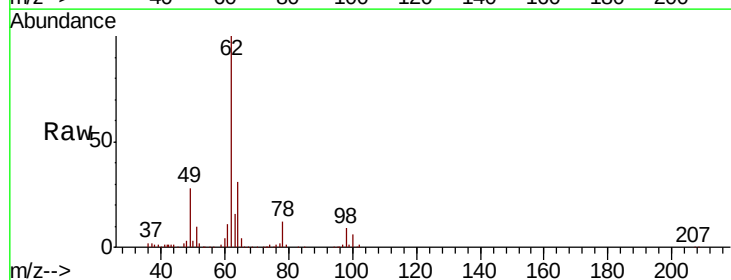


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

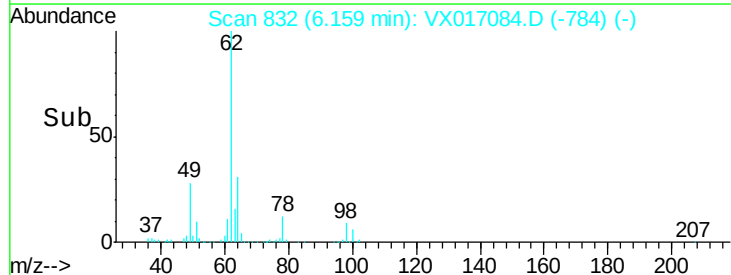
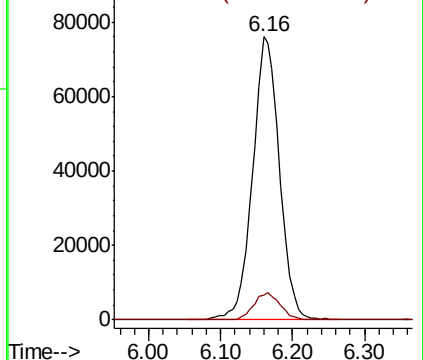


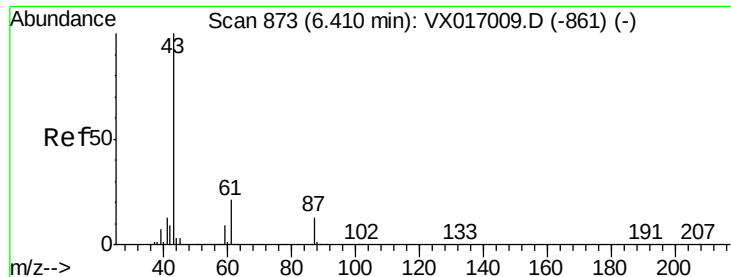
#42
1,2-Dichloroethane
Concen: 49.210 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion: 62 Resp: 196686
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.2



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





#43

Isopropyl Acetate

Concen: 47.303 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

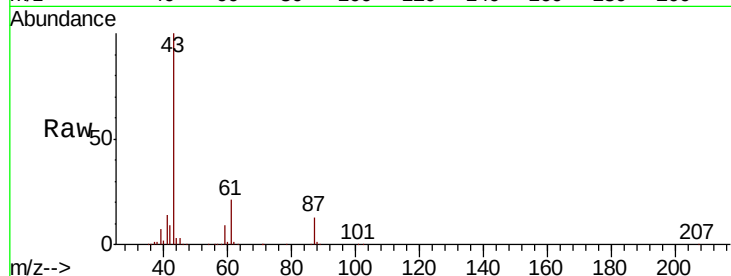
Tot Ion: 43 Resp: 300353

Ion Ratio Lower Upper

43 100

61 20.3 16.2 24.2

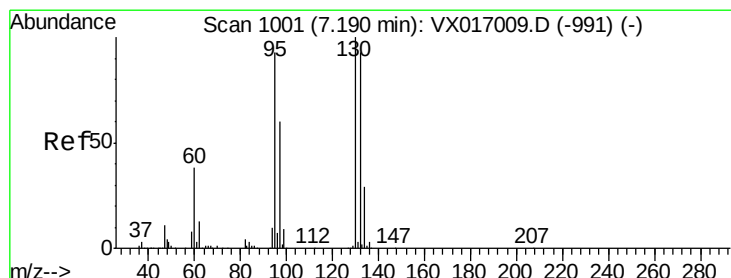
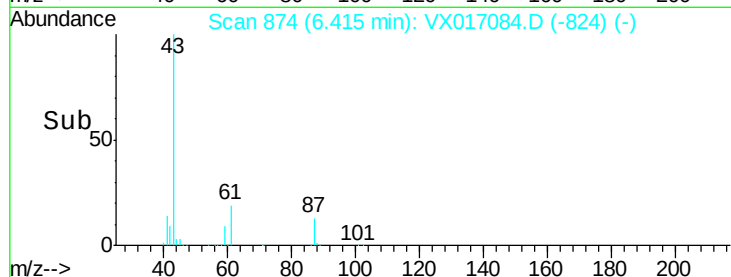
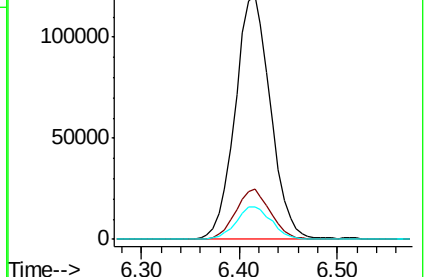
87 13.7 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX017009.D (-861) (-)

Ion 61.00 (60.70 to 61.70): VX017009.D (-861) (-)

Ion 87.00 (86.70 to 87.70): VX017009.D (-861) (-)



#44

Trichloroethene

Concen: 49.245 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017084.D

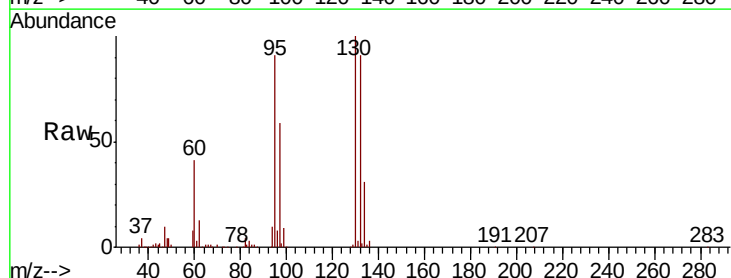
Acq: 01 Jul 2020 07:11

Tgt Ion:130 Resp: 150382

Ion Ratio Lower Upper

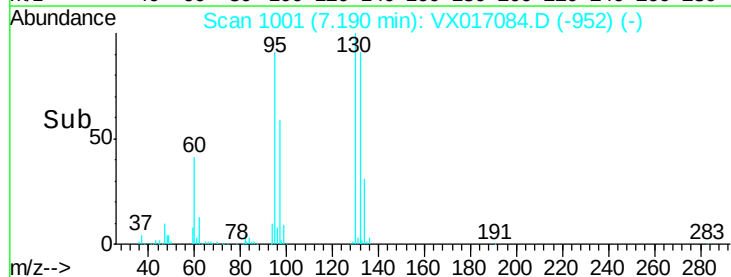
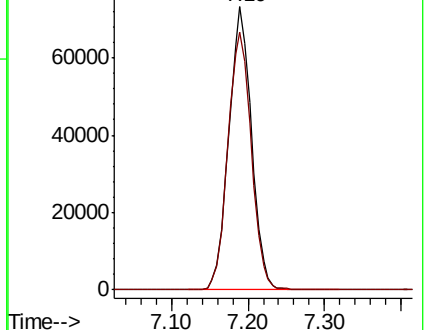
130 100

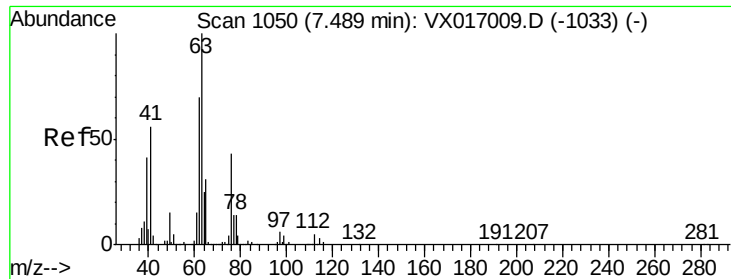
95 91.3 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): VX017009.D (-991) (-)

Ion 94.90 (94.60 to 95.60): VX017009.D (-991) (-)





#45

1,2-Dichloropropane

Concen: 47.870 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

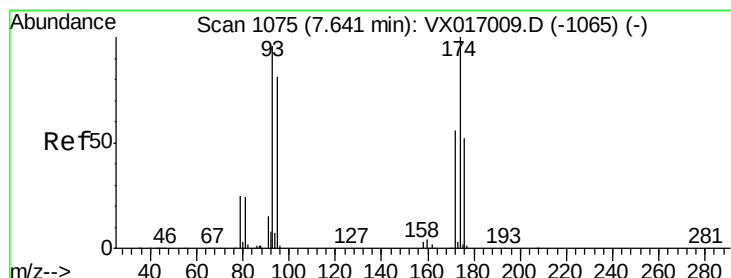
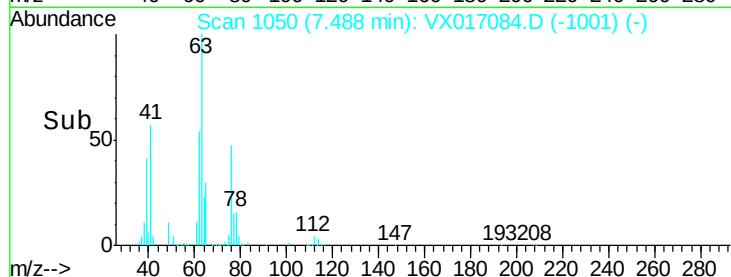
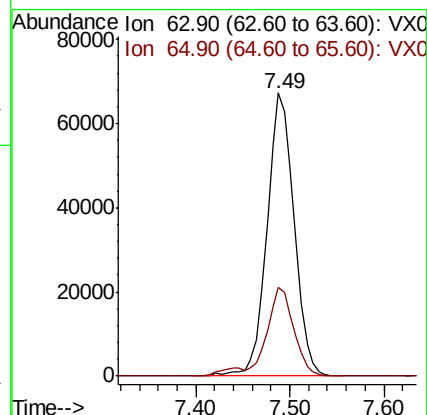
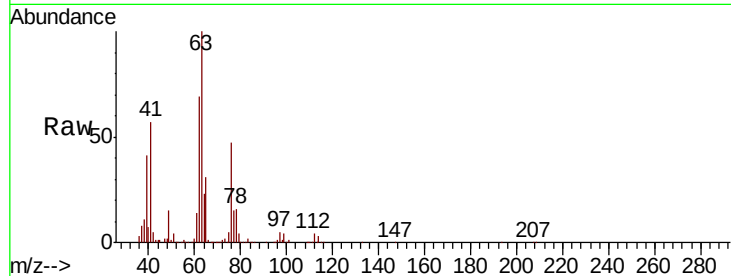
VSTDCCC050EC

Tot Ion: 63 Resp: 136049

Ion Ratio Lower Upper

63 100

65 31.3 24.6 36.8



#46

Dibromomethane

Concen: 48.546 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

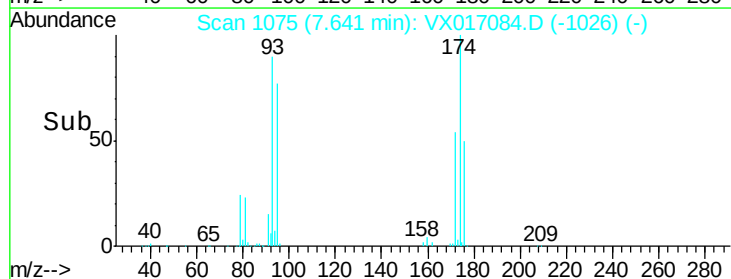
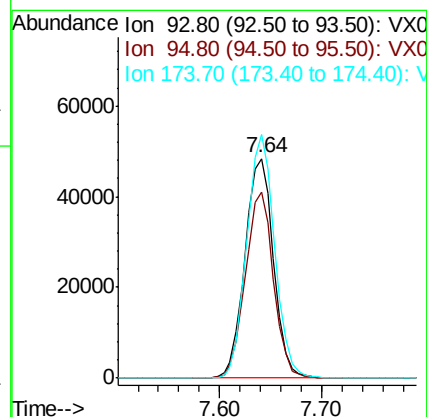
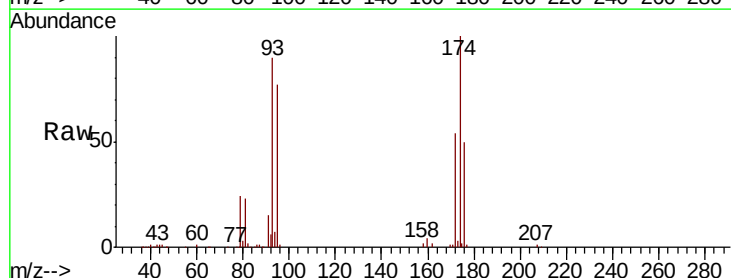
Tgt Ion: 93 Resp: 94195

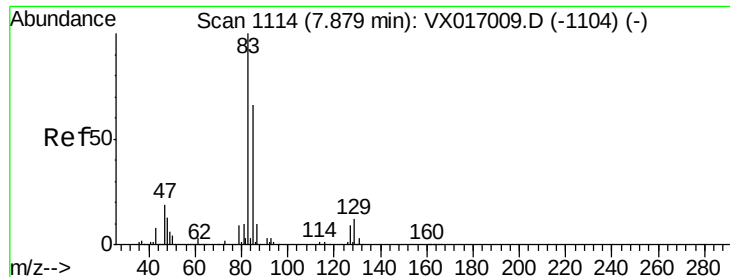
Ion Ratio Lower Upper

93 100

95 83.5 67.4 101.0

174 108.7 84.3 126.5





#47

Bromodichloromethane

Concen: 49.230 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

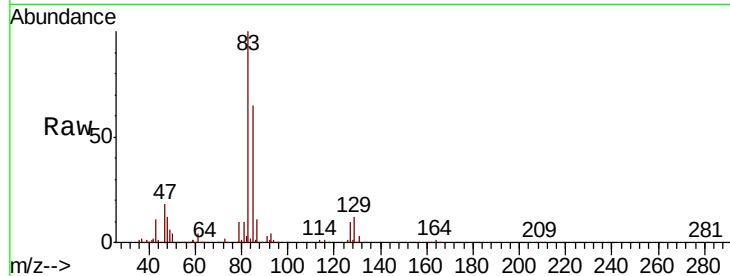
Tot Ion: 83 Resp: 196853

Ion Ratio Lower Upper

83 100

85 65.5 53.0 79.4

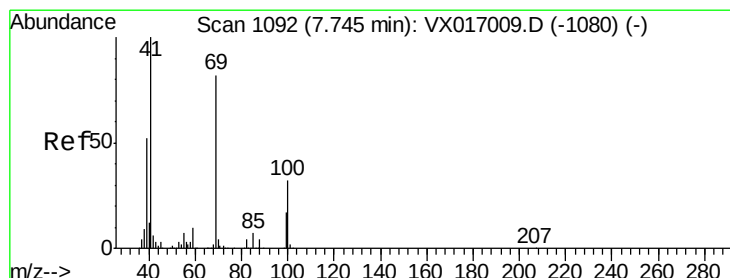
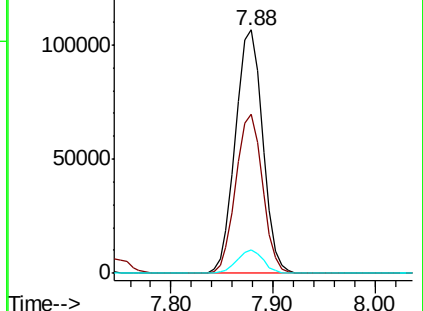
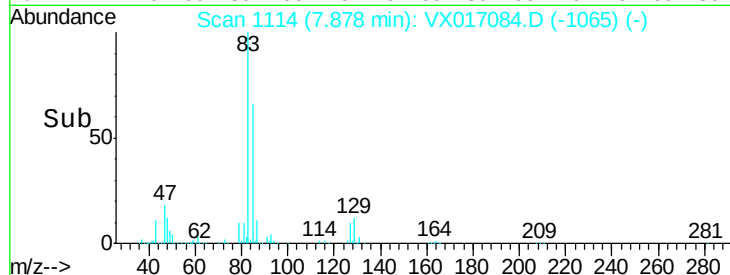
127 9.6 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.475 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

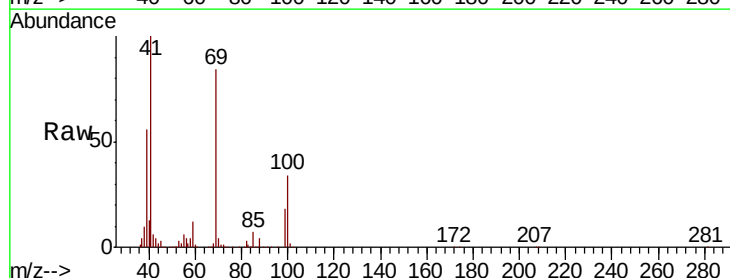
Tgt Ion: 41 Resp: 152265

Ion Ratio Lower Upper

41 100

69 84.1 65.8 98.8

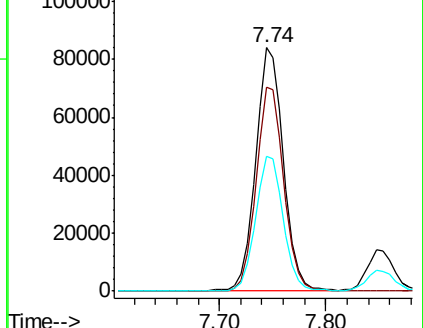
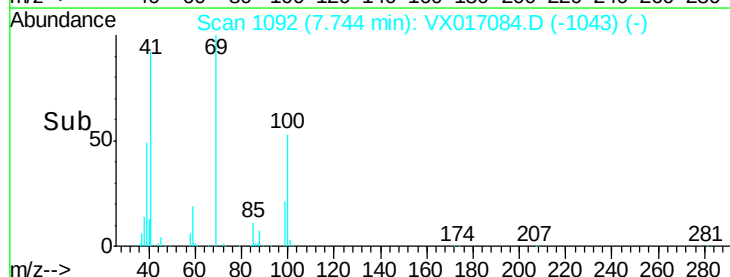
39 55.2 42.5 63.7

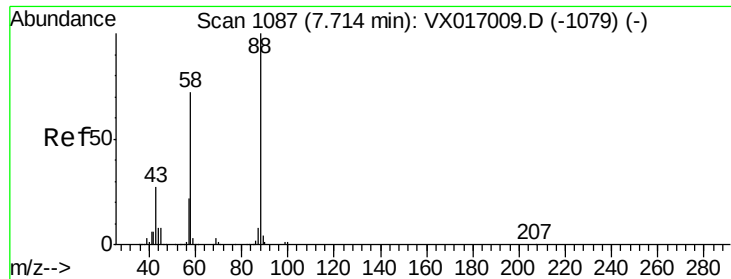


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

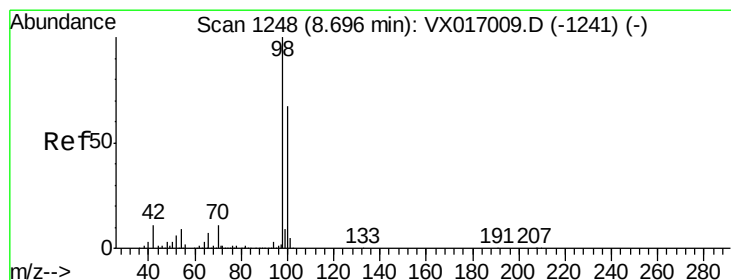
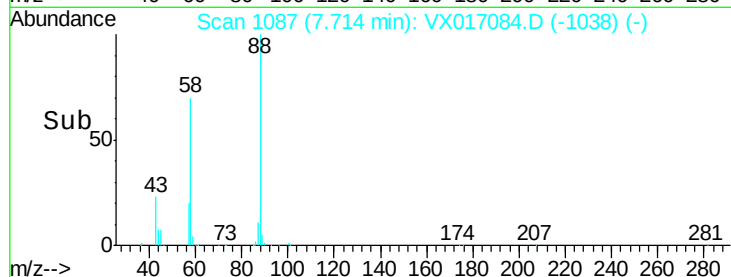
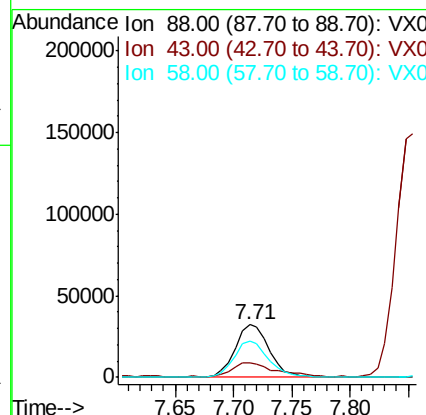
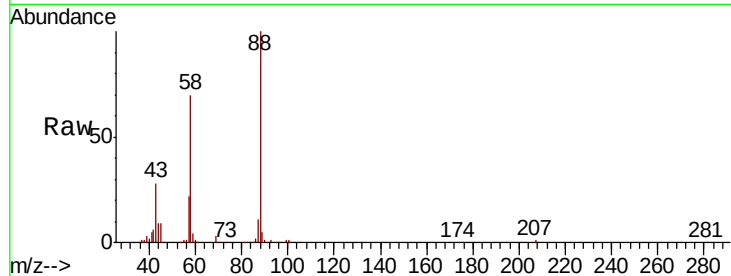




#49
1,4-Dioxane
Concen: 959.493 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

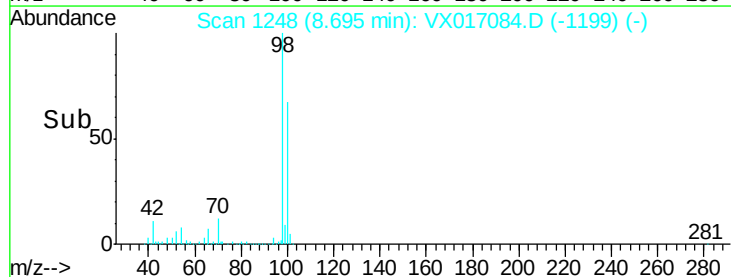
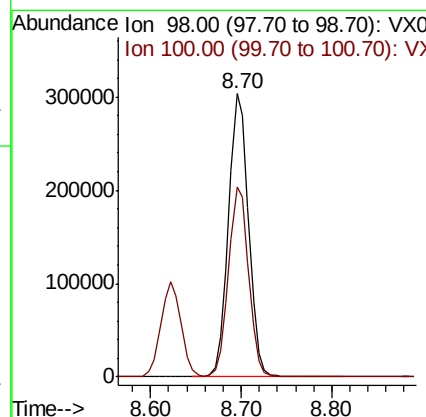
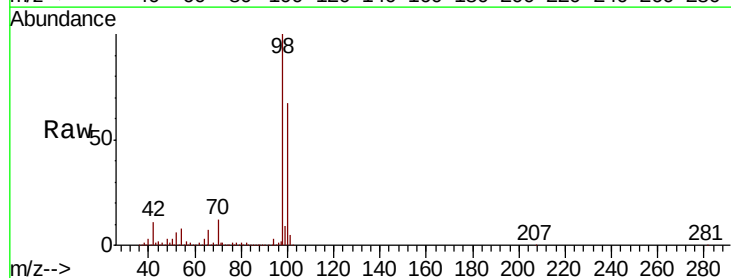
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

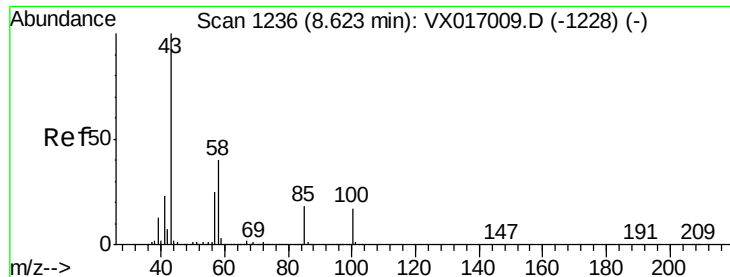
Tot Ion: 88 Resp: 65573
Ion Ratio Lower Upper
88 100
43 33.2 25.8 38.8
58 70.3 54.8 82.2



#50
Toluene-d8
Concen: 50.141 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion: 98 Resp: 467351
Ion Ratio Lower Upper
98 100
100 67.4 53.8 80.6





#51

4-Methyl-2-Pentanone

Concen: 250.196 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

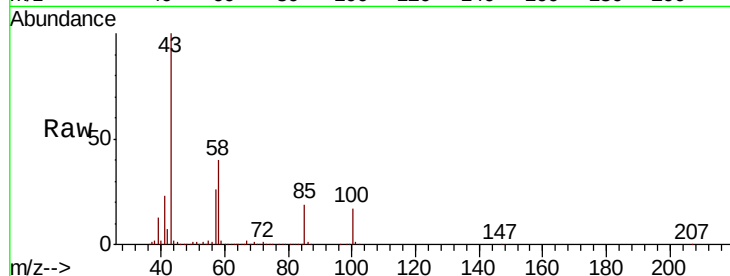
VSTDCCC050EC

Tot Ion: 43 Resp: 946984

Ion Ratio Lower Upper

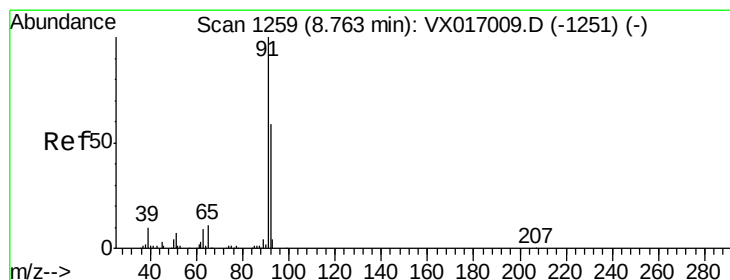
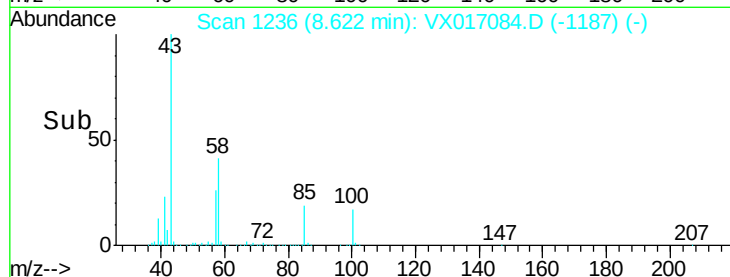
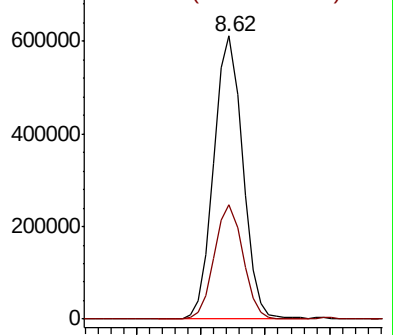
43 100

58 40.1 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.808 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017084.D

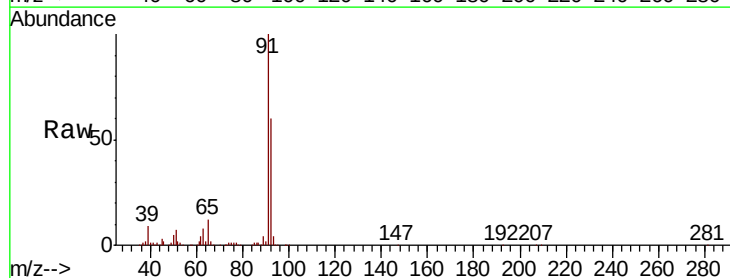
Acq: 01 Jul 2020 07:11

Tgt Ion: 92 Resp: 337197

Ion Ratio Lower Upper

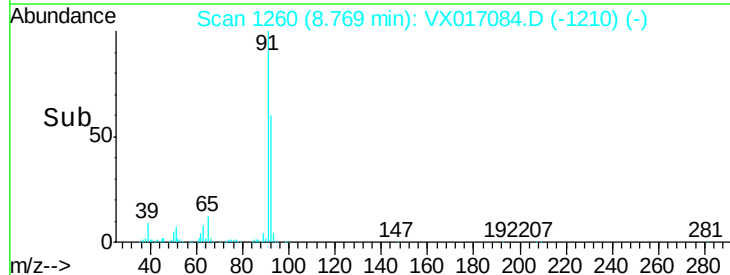
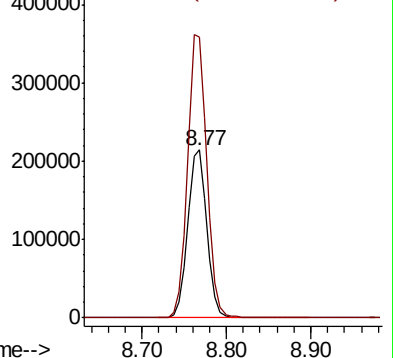
92 100

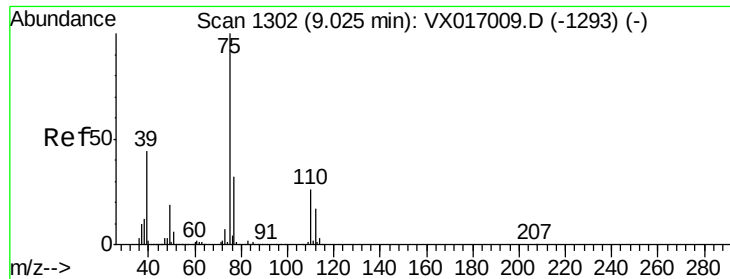
91 169.3 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 45.265 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

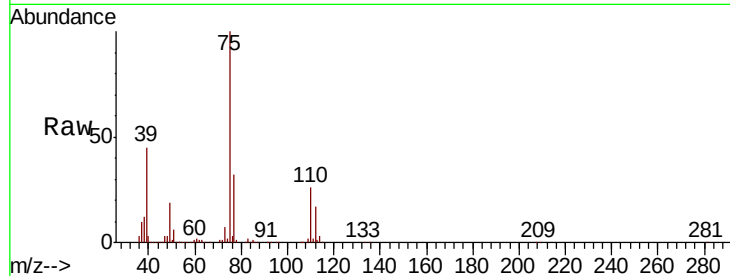
VSTDCCC050EC

Tot Ion: 75 Resp: 199704

Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

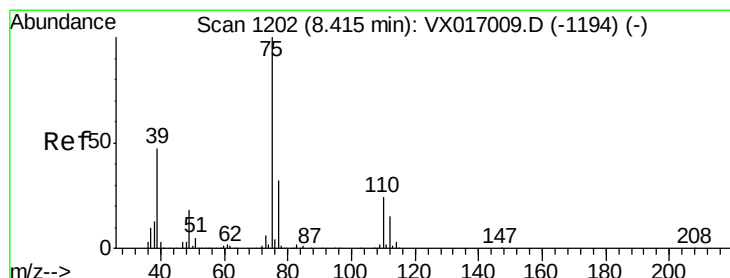
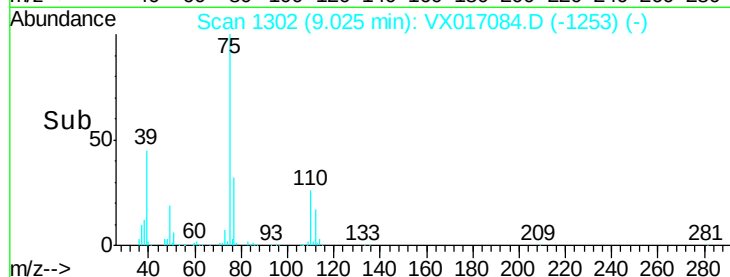
150000

100000

50000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 45.031 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

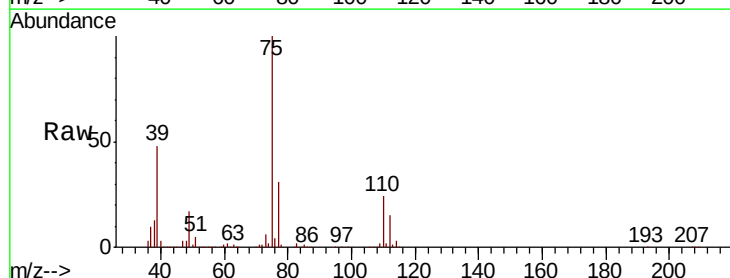
Tgt Ion: 75 Resp: 212974

Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8

39 48.2 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.41

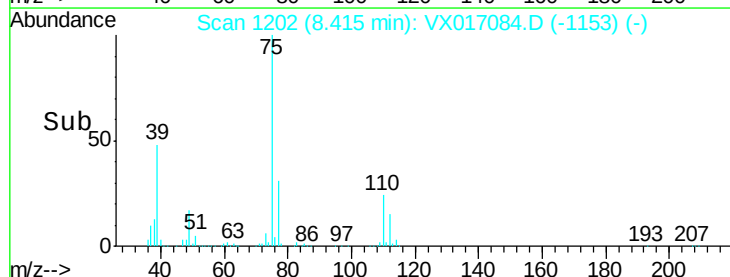
150000

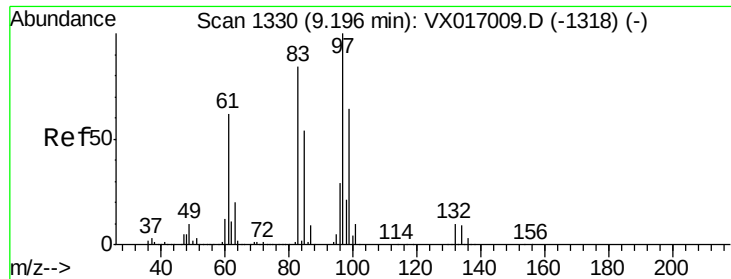
100000

50000

0

Time--> 8.30 8.40 8.50

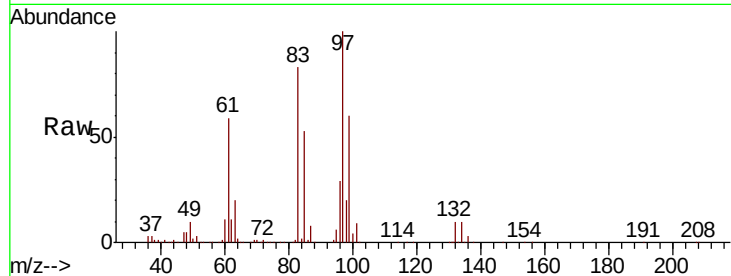




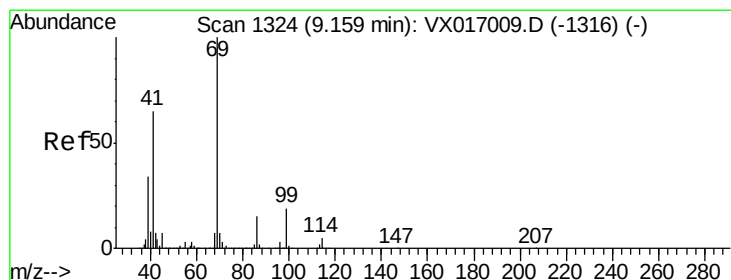
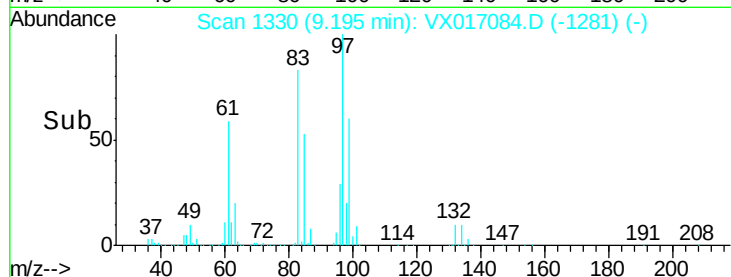
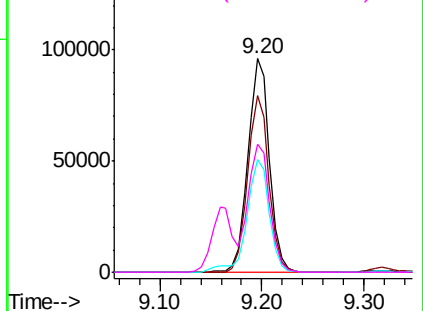
#55
 1,1,2-Trichloroethane
 Concen: 49.884 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	140806
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.0	100.6
85	53.0	43.5	65.3
99	59.9	51.0	76.6

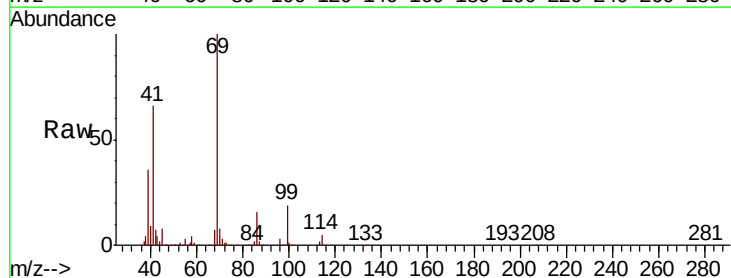


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

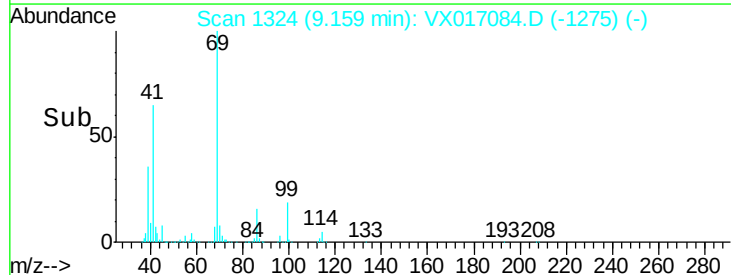
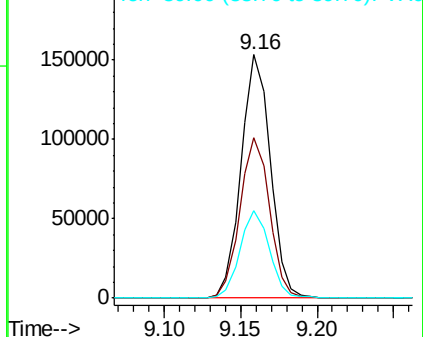


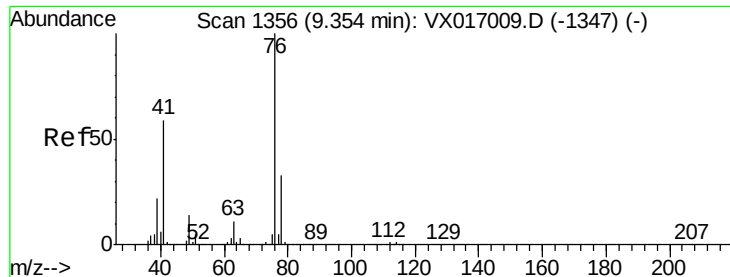
#56
 Ethyl methacrylate
 Concen: 50.909 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion:	69	Resp:	204529
Ion	Ratio	Lower	Upper
69	100		
41	66.9	53.6	80.4
39	35.9	28.2	42.2



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

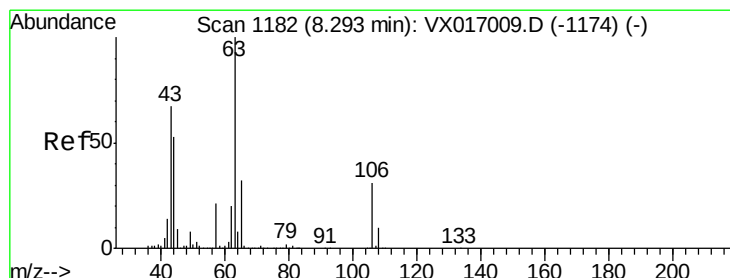
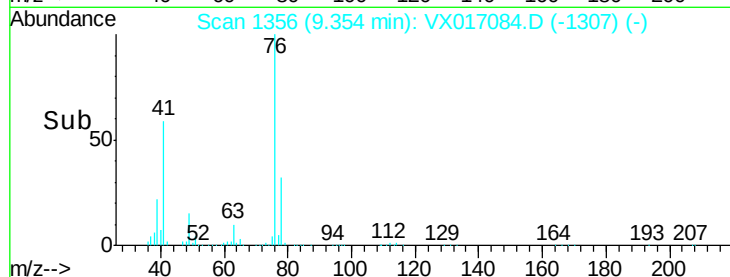
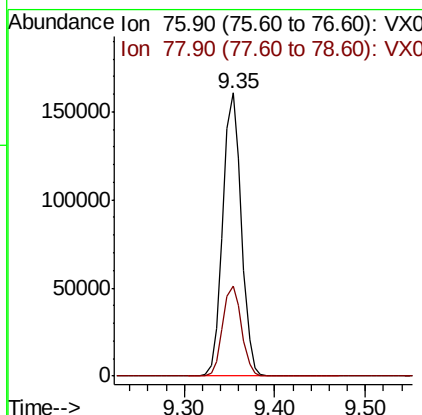
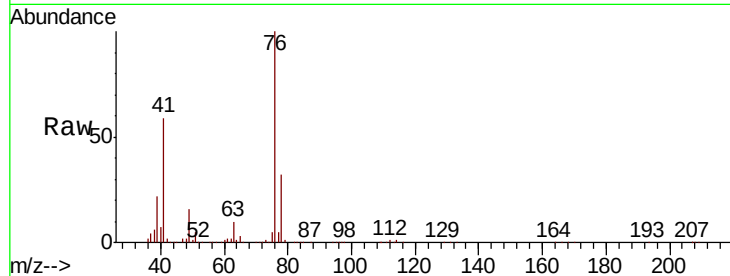




#57
 1,3-Dichloropropane
 Concen: 47.906 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

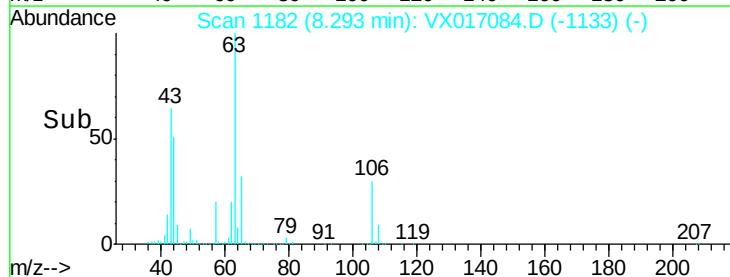
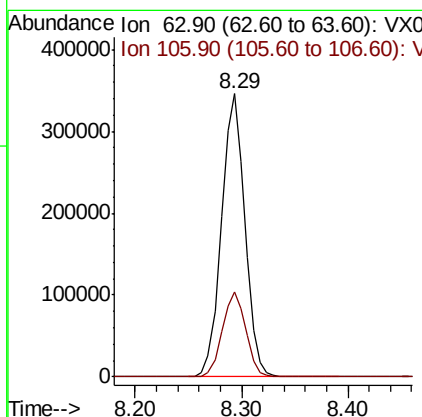
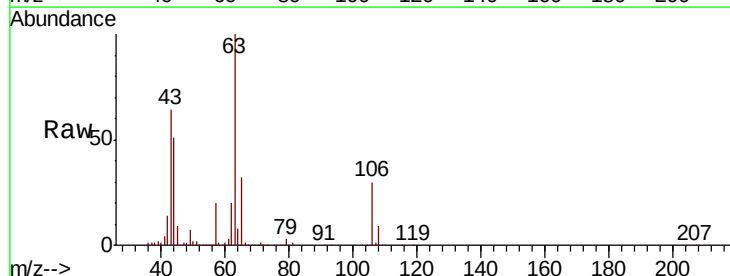
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

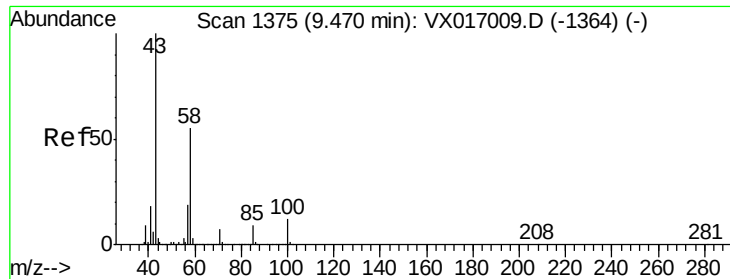
Tot Ion: 76 Resp: 228807
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.506 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion: 63 Resp: 528881
 Ion Ratio Lower Upper
 63 100
 106 30.2 24.0 36.0

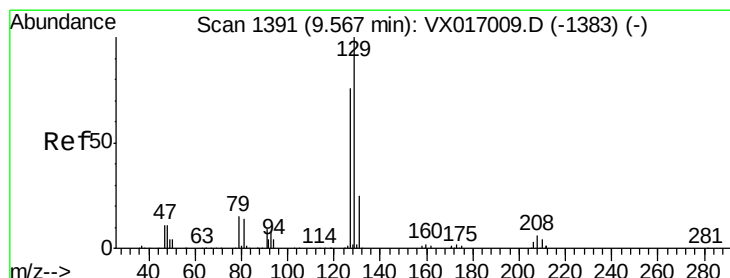
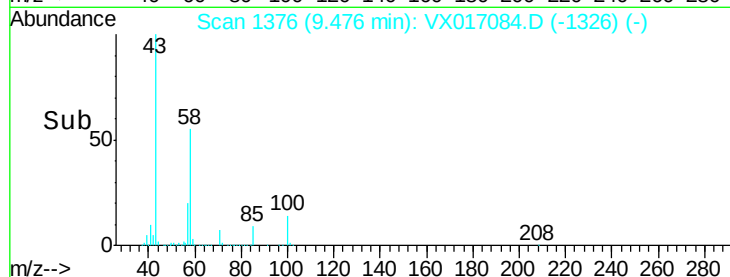
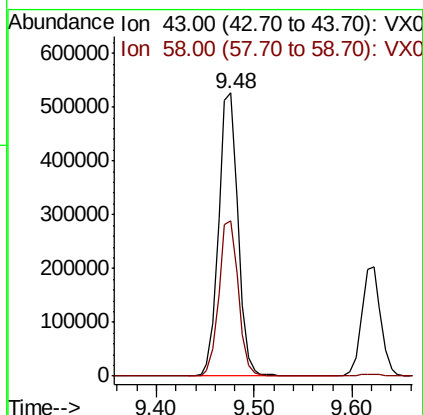
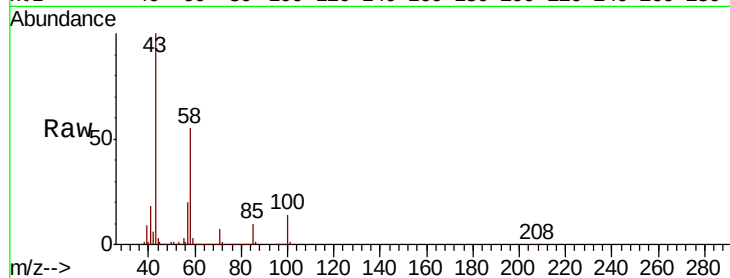




#59
2-Hexanone
Concen: 260.878 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

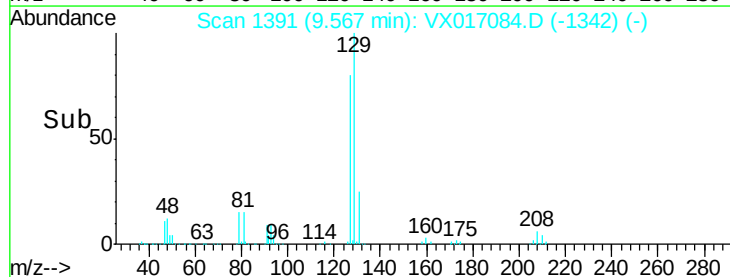
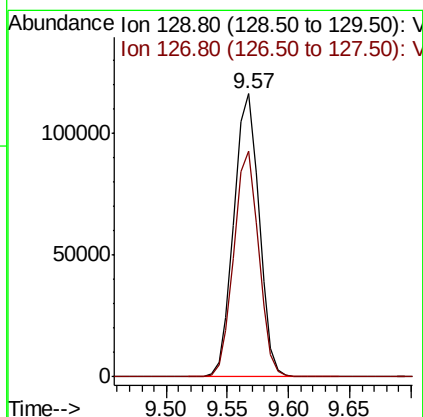
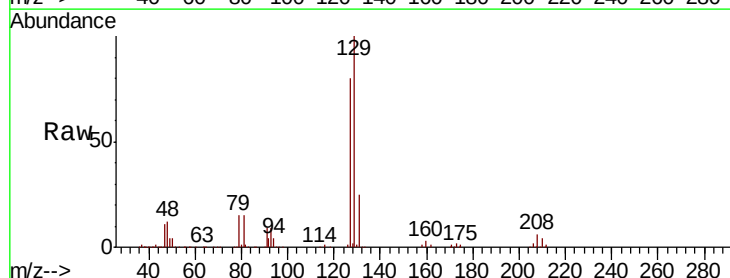
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

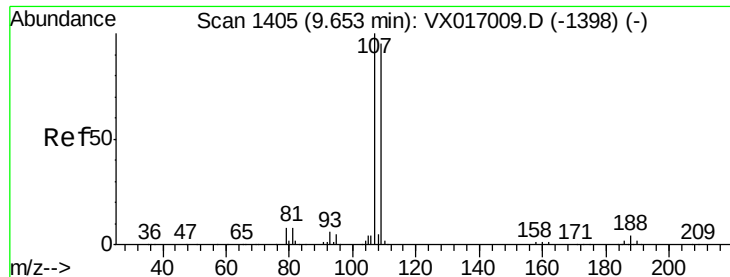
Tot Ion: 43 Resp: 721143
Ion Ratio Lower Upper
43 100
58 55.2 27.9 83.6



#60
Dibromochloromethane
Concen: 50.648 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion: 129 Resp: 166045
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 49.289 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

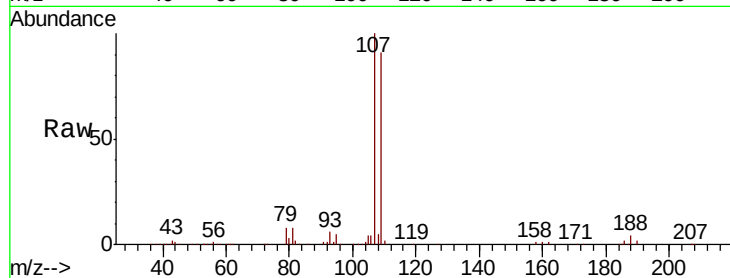
VSTDCCC050EC

Tot Ion:107 Resp: 149546

Ion Ratio Lower Upper

107 100

109 93.6 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

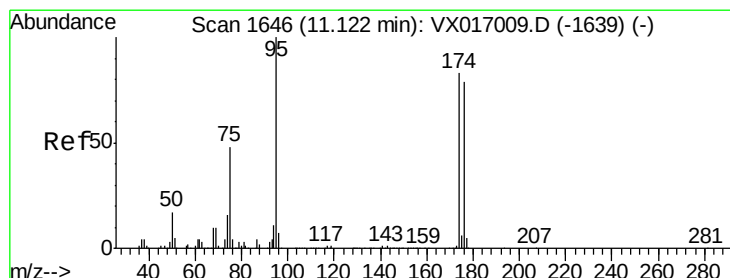
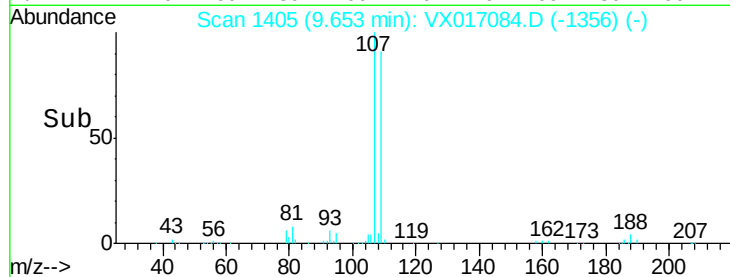
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.617 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

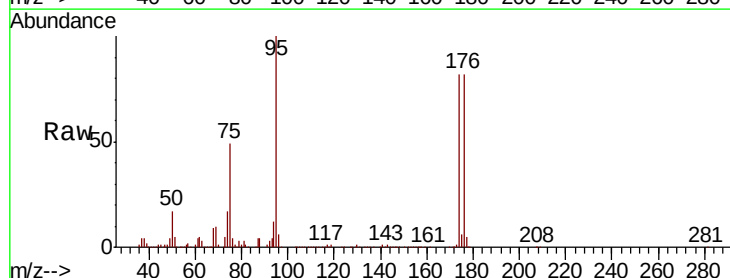
Tgt Ion: 95 Resp: 188074

Ion Ratio Lower Upper

95 100

174 83.1 0.0 164.0

176 79.1 0.0 157.6



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

200000

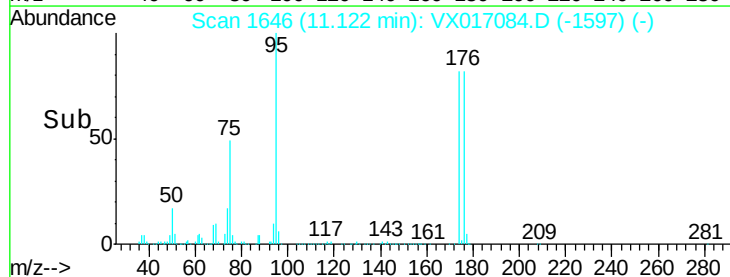
150000

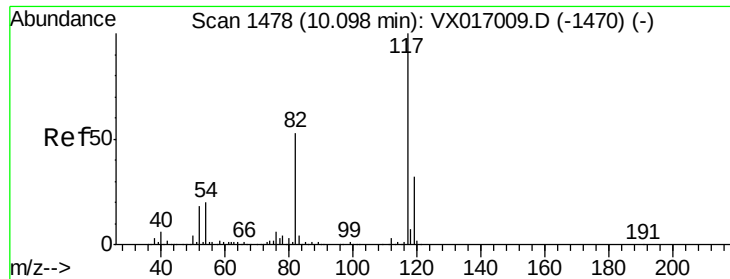
100000

50000

0

Time-->

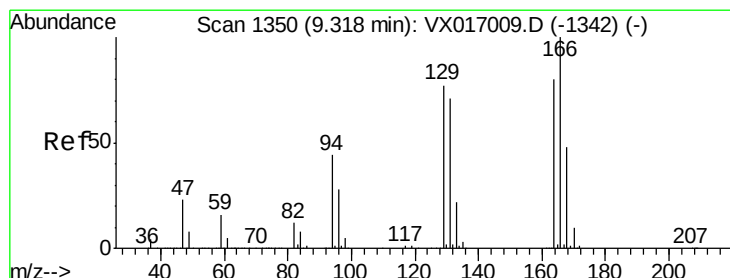
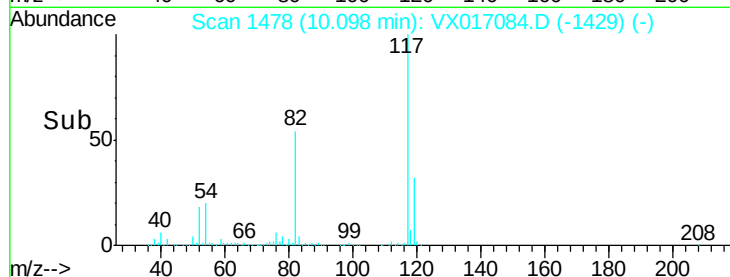
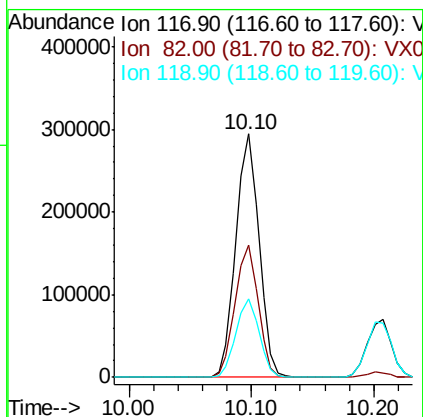
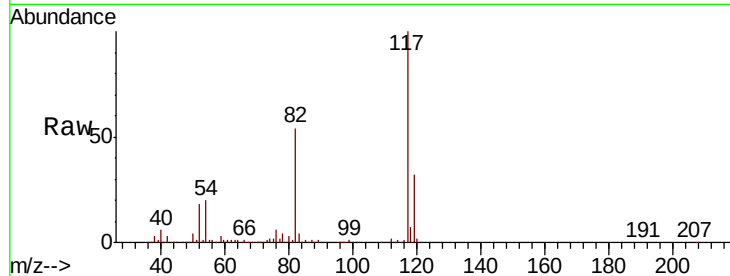




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

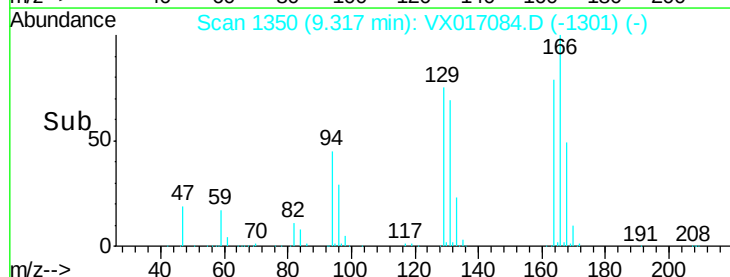
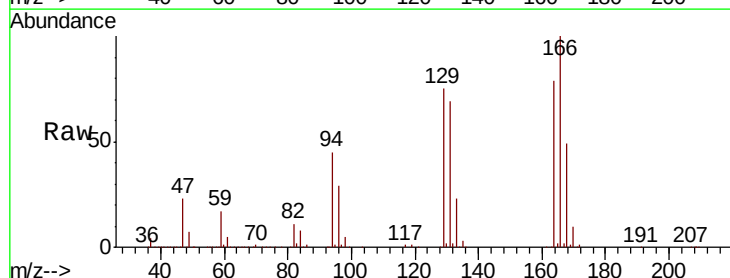
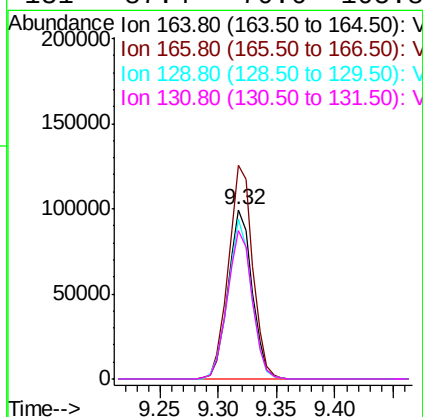
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

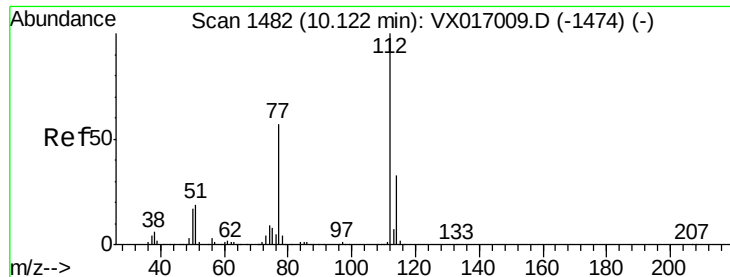
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.6	63.8
119	32.4	25.4	38.2



#64
Tetrachloroethene
Concen: 45.730 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	99.4	149.0
129	94.5	76.3	114.5
131	87.4	70.6	105.8





#65

Chlorobenzene

Concen: 46.724 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

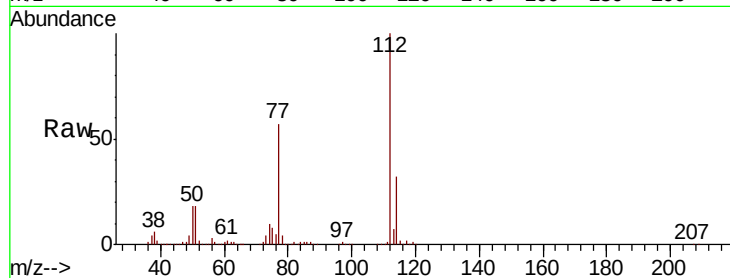
VSTDCCC050EC

Tot Ion:112 Resp: 372744

Ion Ratio Lower Upper

112 100

114 32.3 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

300000

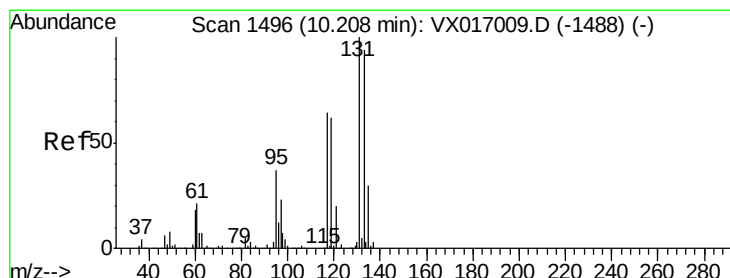
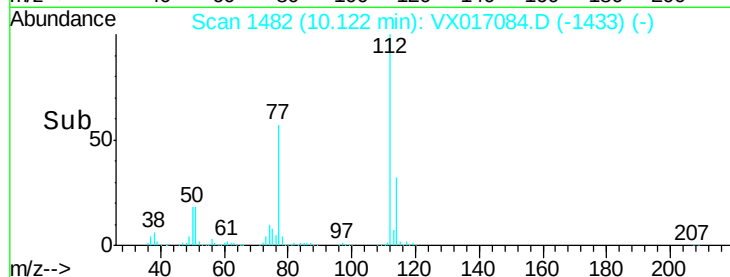
200000

100000

0

Time-->

10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 47.677 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

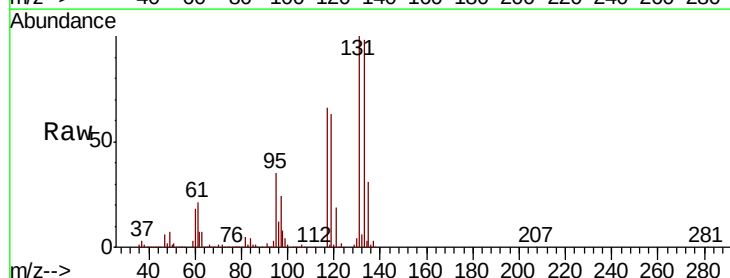
Tgt Ion:131 Resp: 146580

Ion Ratio Lower Upper

131 100

133 96.6 47.3 141.9

119 65.0 31.9 95.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

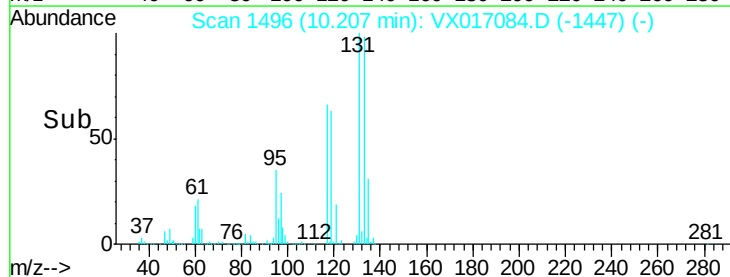
100000

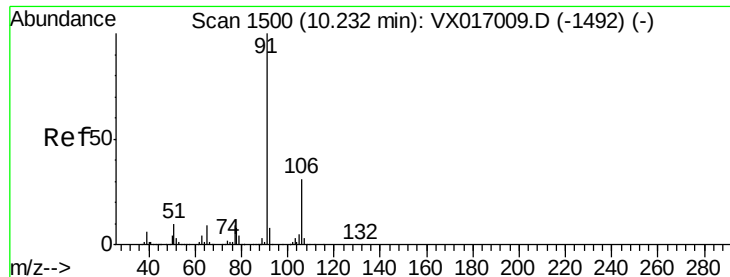
50000

0

Time-->

10.10 10.20 10.30

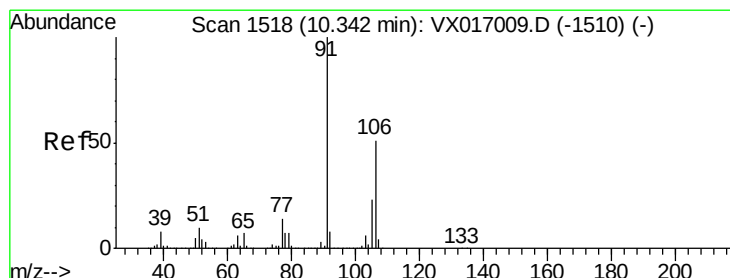
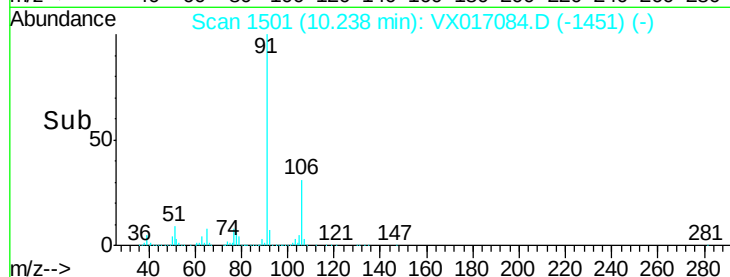
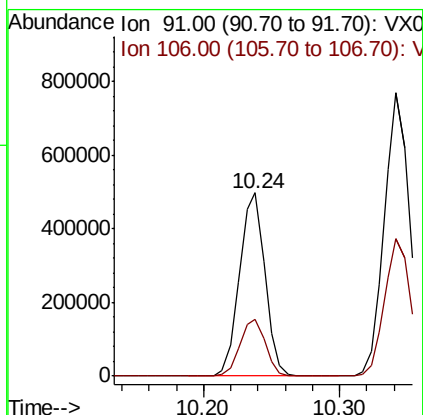
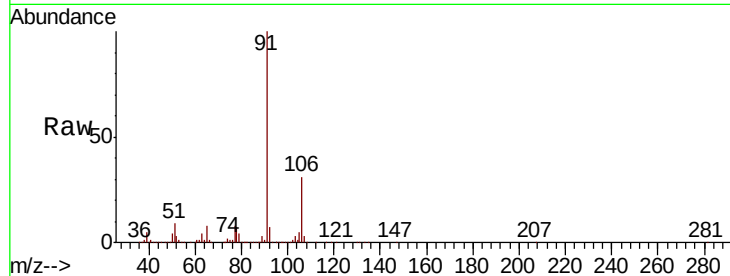




#67
Ethyl Benzene
Concen: 48.707 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

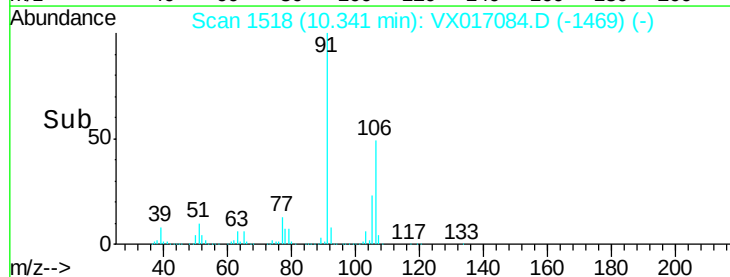
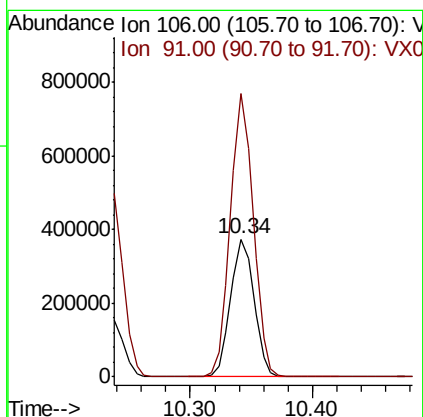
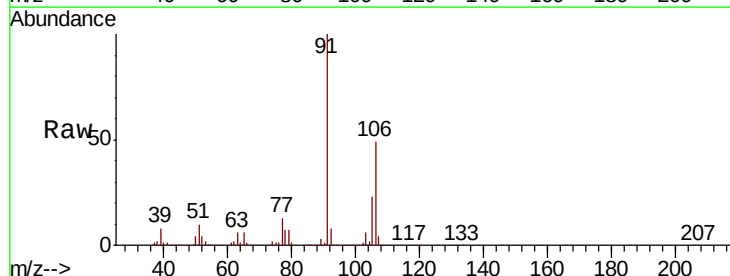
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

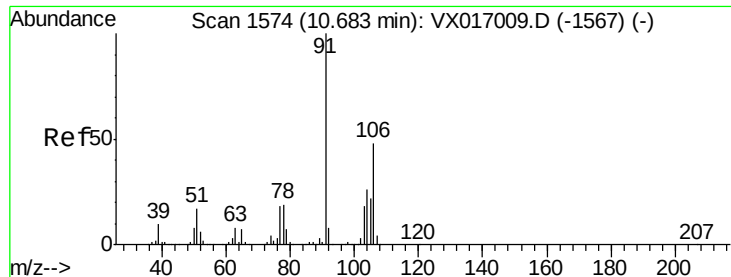
Tot Ion: 91 Resp: 648902
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1



#68
m/p-Xylenes
Concen: 97.130 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion: 106 Resp: 496861
Ion Ratio Lower Upper
106 100
91 201.9 158.6 238.0

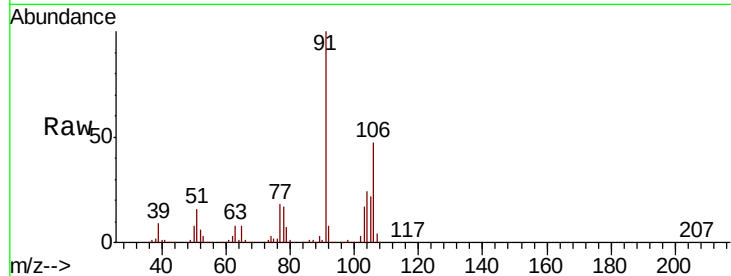




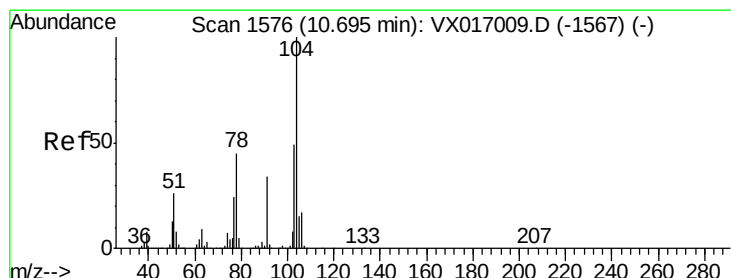
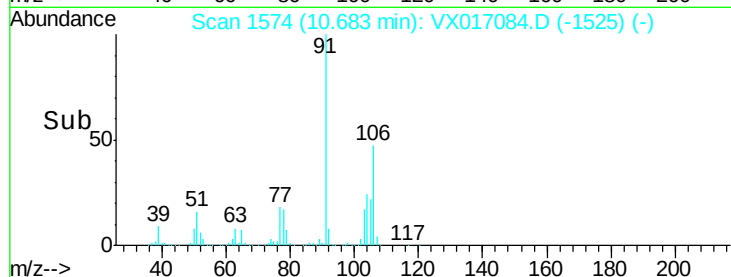
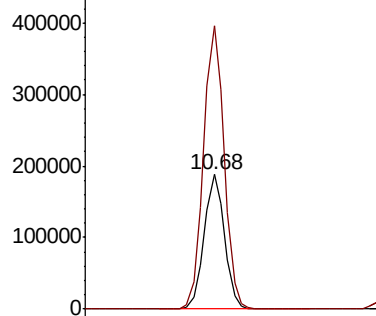
#69
o-Xylene
Concen: 48.793 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 237441
Ion Ratio Lower Upper
106 100
91 213.3 105.6 316.7

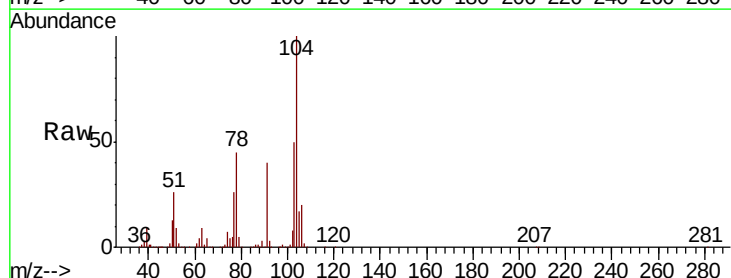


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

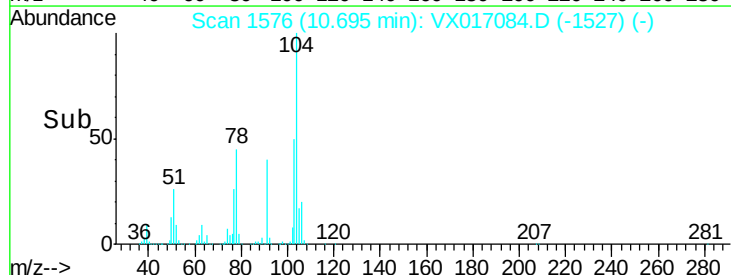
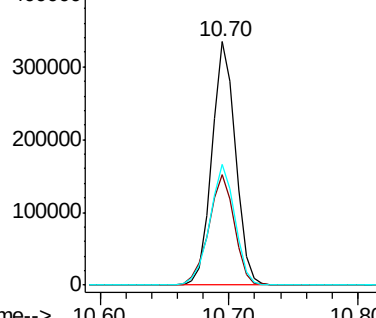


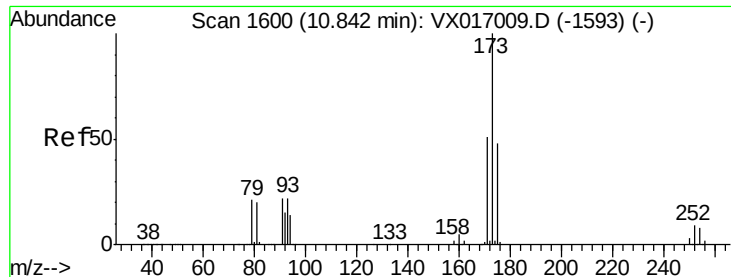
#70
Styrene
Concen: 51.049 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion:104 Resp: 423034
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 53.4 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.029 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

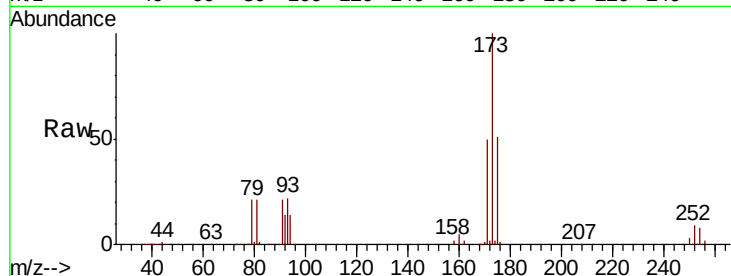
Tot Ion:173 Resp: 126848

Ion Ratio Lower Upper

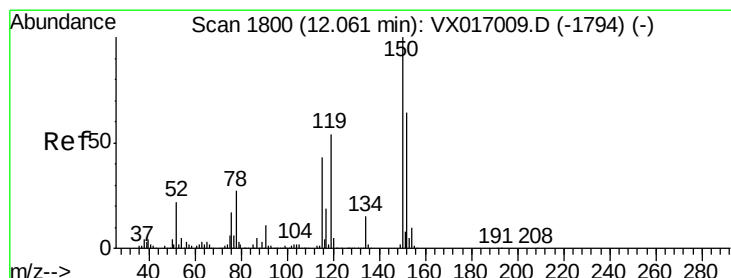
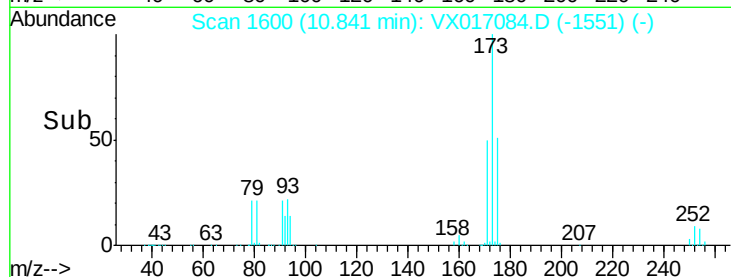
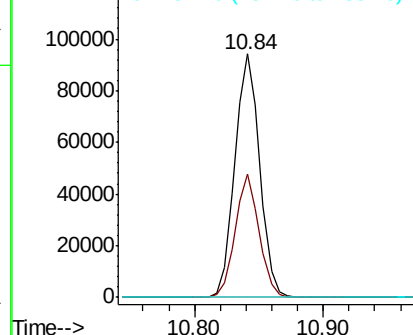
173 100

175 48.5 24.5 73.5

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: VX017084.D

Acq: 01 Jul 2020 07:11

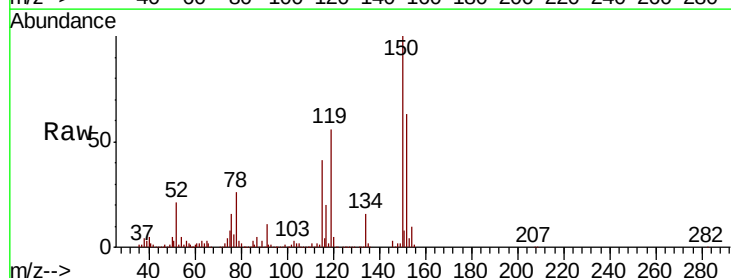
Tgt Ion:152 Resp: 206750

Ion Ratio Lower Upper

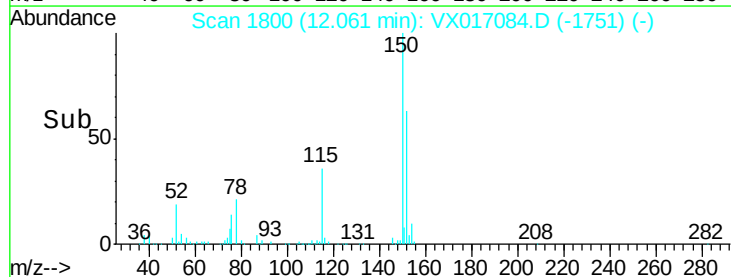
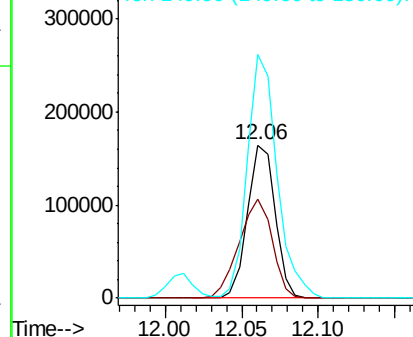
152 100

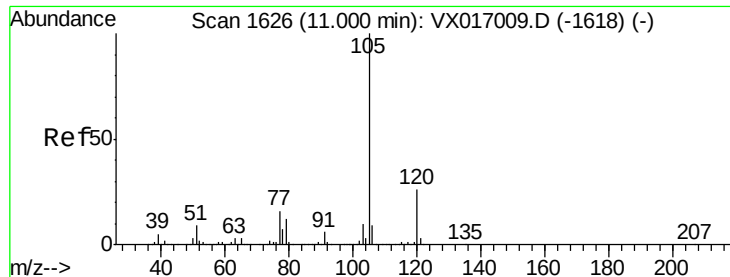
115 77.2 40.9 122.7

150 171.4 0.0 351.6



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: 47.975 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

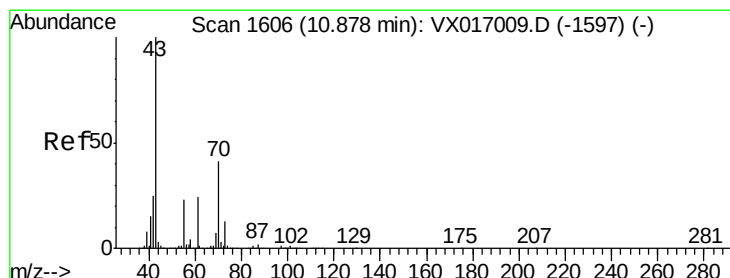
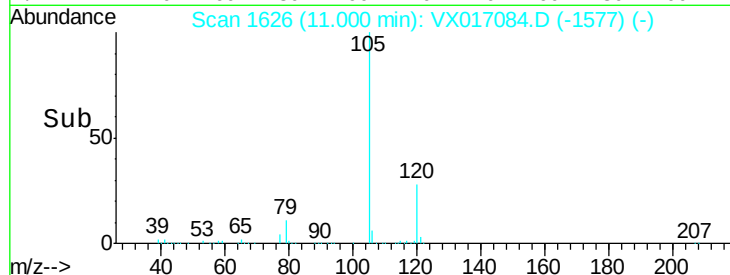
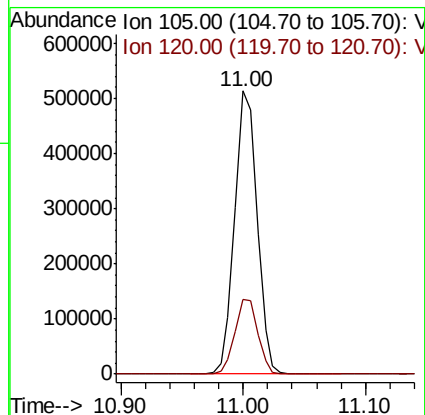
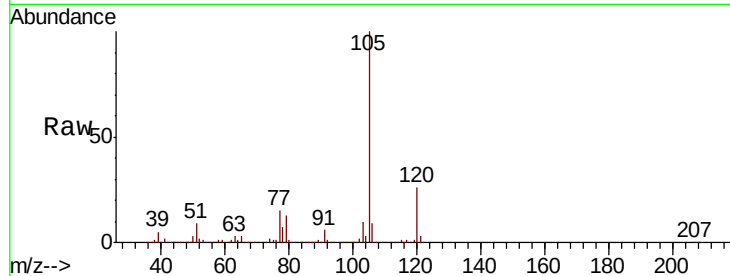
VSTDCCC050EC

Tot Ion:105 Resp: 649694

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 48.303 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Tgt Ion: 43 Resp: 279114

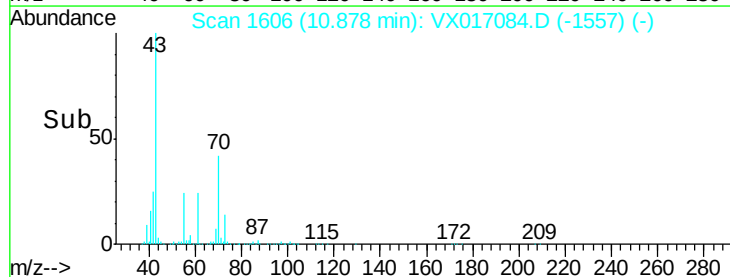
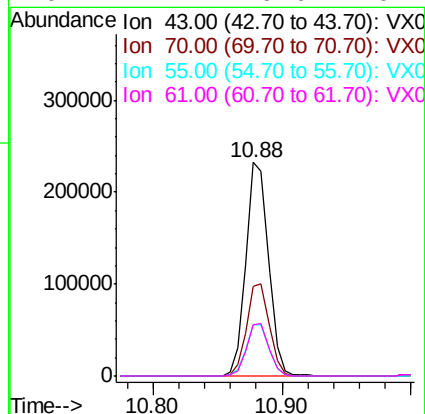
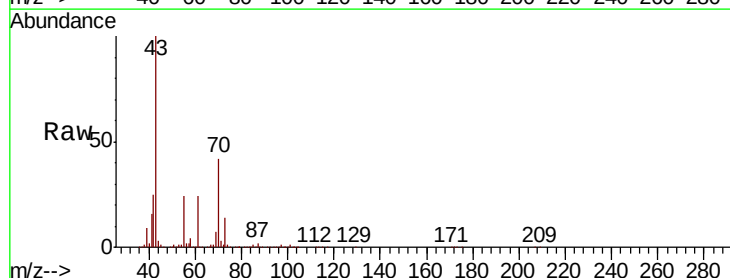
Ion Ratio Lower Upper

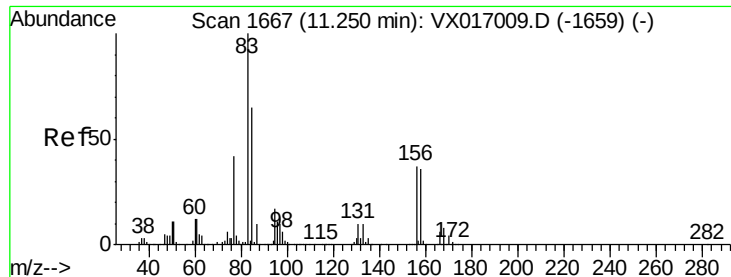
43 100

70 43.4 34.2 51.2

55 24.6 19.2 28.8

61 24.4 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 46.456 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

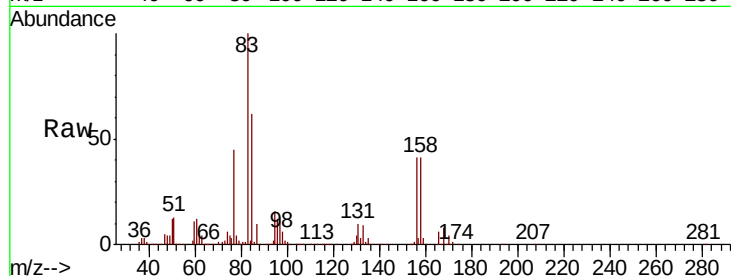
Tot Ion: 83 Resp: 197895

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

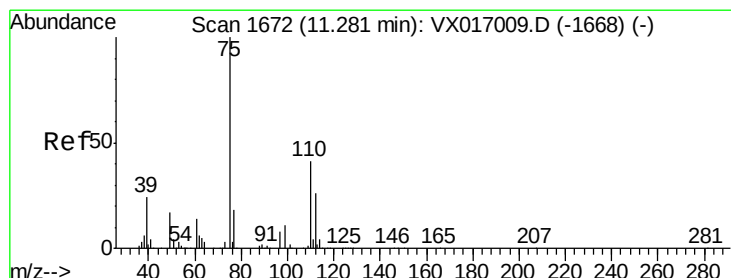
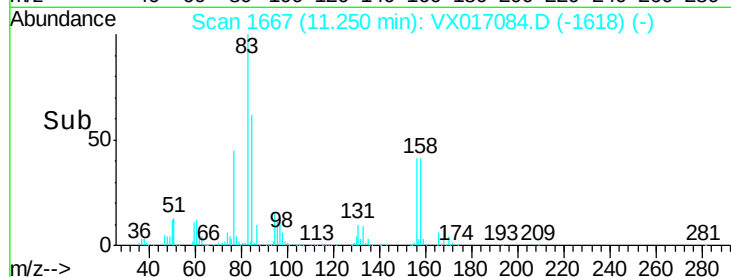
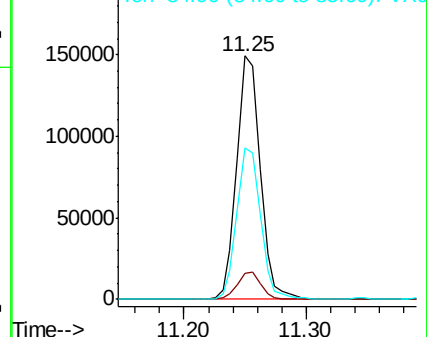
85 63.3 31.9 95.9



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: 57.473 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017084.D

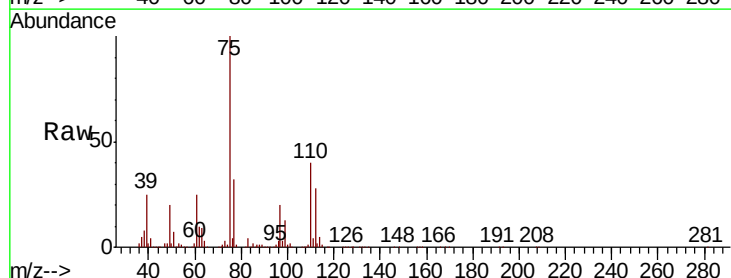
Acq: 01 Jul 2020 07:11

Tgt Ion: 75 Resp: 233664

Ion Ratio Lower Upper

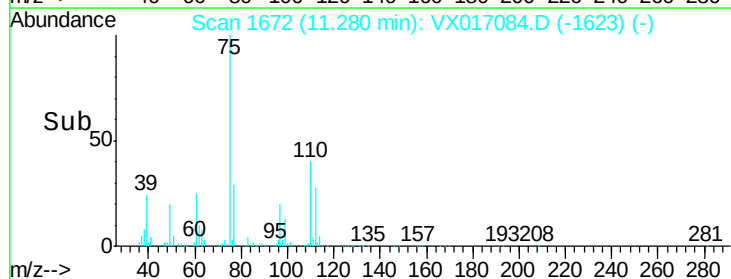
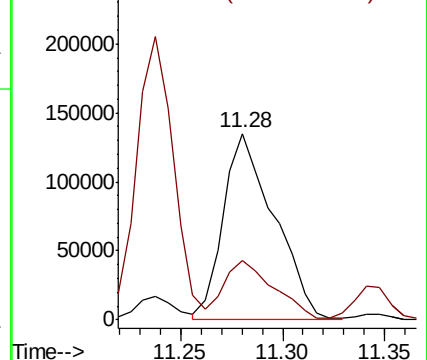
75 100

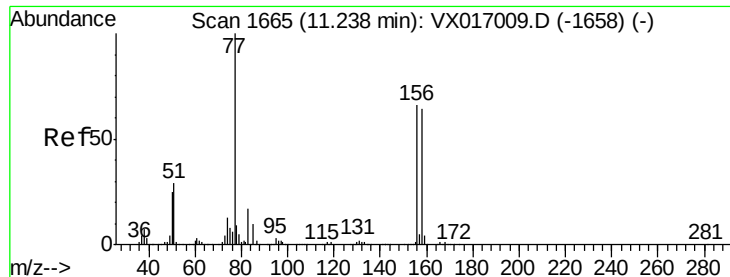
77 31.5 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.661 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

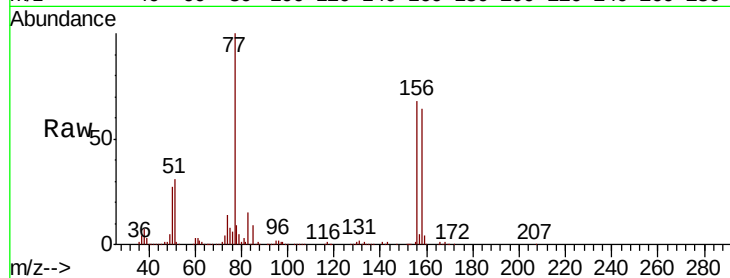
Tot Ion:156 Resp: 177390

Ion Ratio Lower Upper

156 100

77 146.5 76.9 230.7

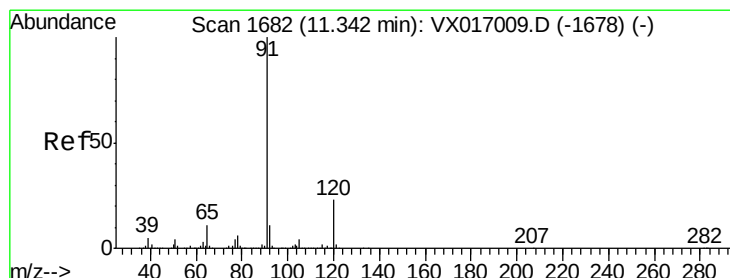
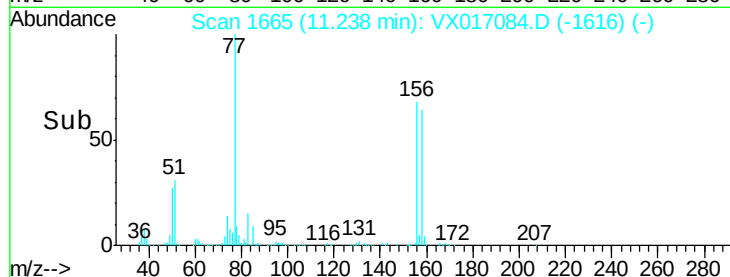
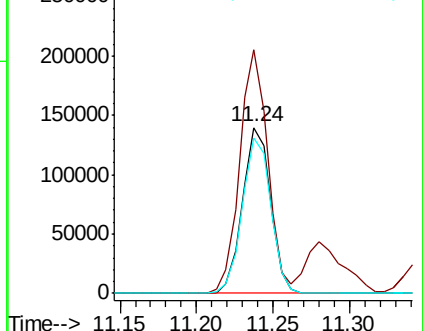
158 95.7 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.927 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017084.D

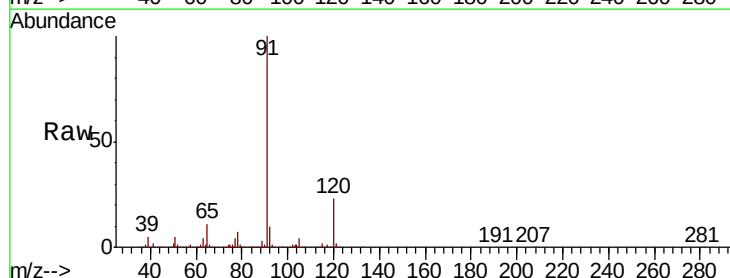
Acq: 01 Jul 2020 07:11

Tgt Ion: 91 Resp: 733955

Ion Ratio Lower Upper

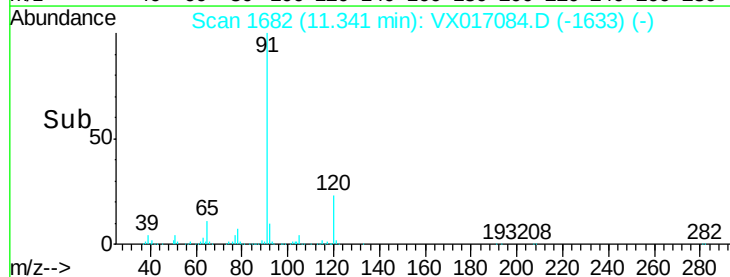
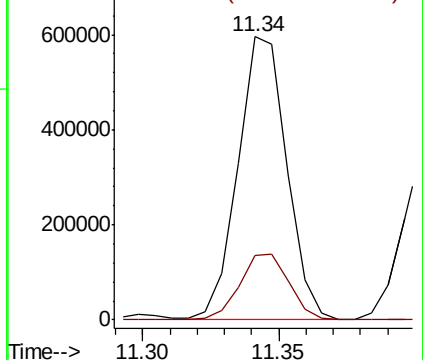
91 100

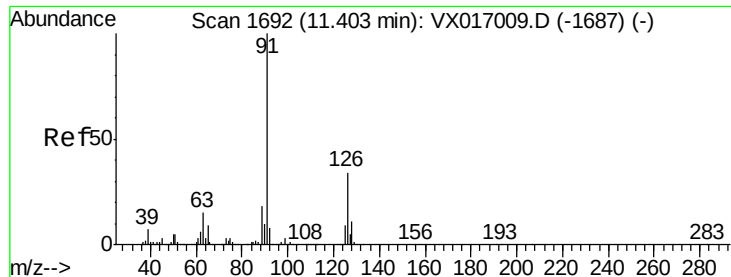
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

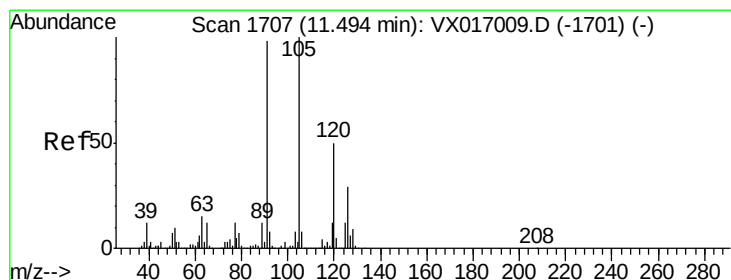
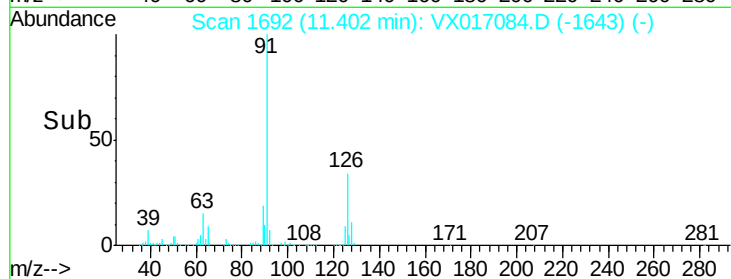
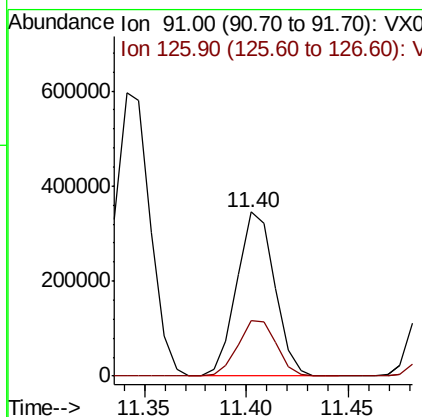
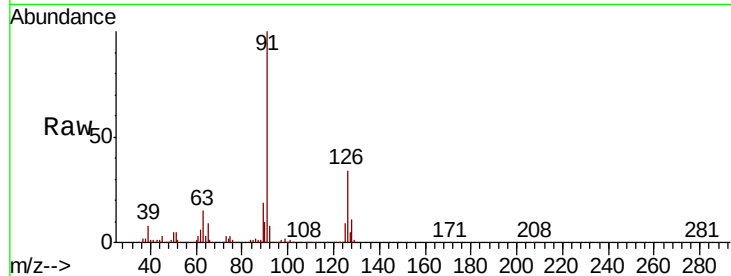




#79
 2-Chlorotoluene
 Concen: 48.085 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

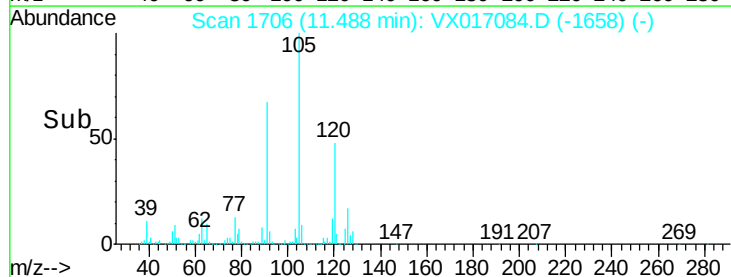
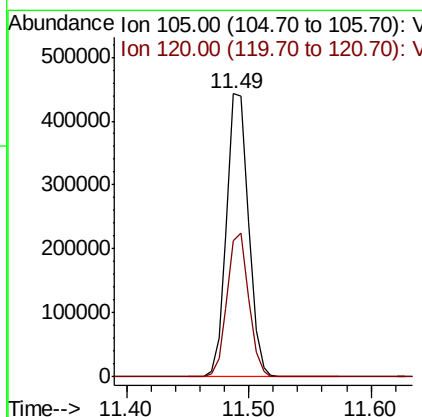
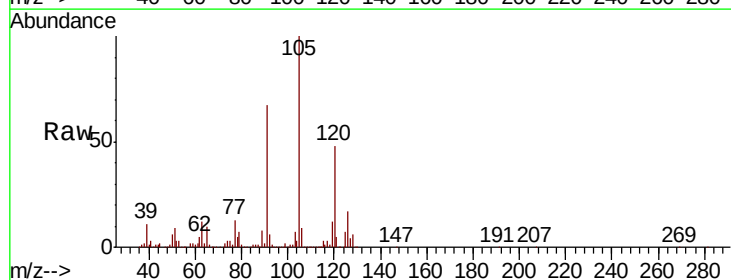
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

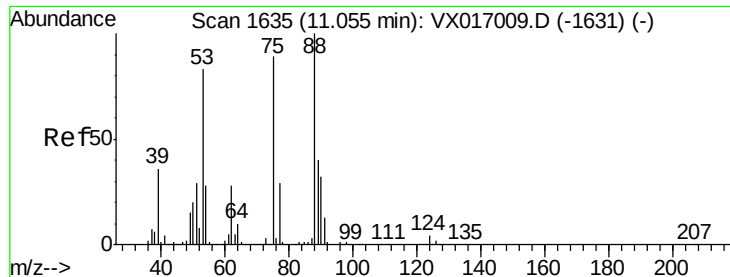
Tot Ion: 91 Resp: 445666
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 48.973 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion: 105 Resp: 550110
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.9 74.6

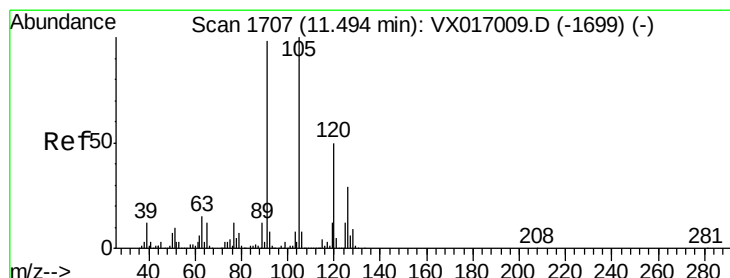
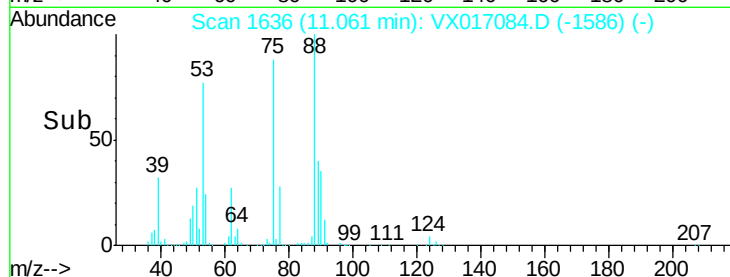
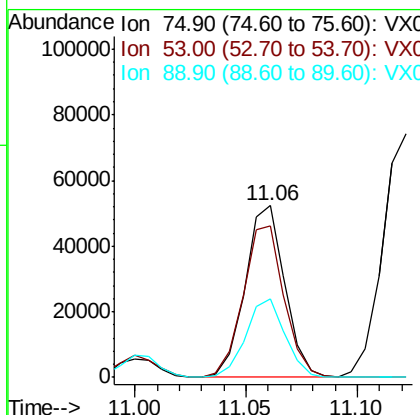
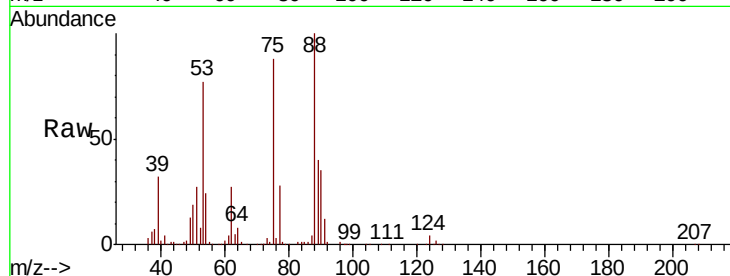




#81
trans-1,4-Dichloro-2-butene
Concen: 40.984 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

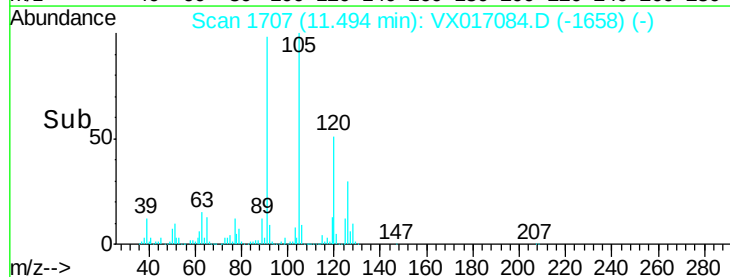
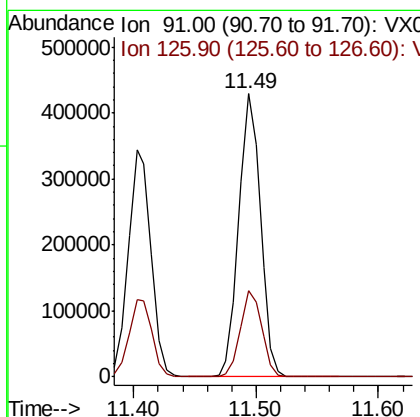
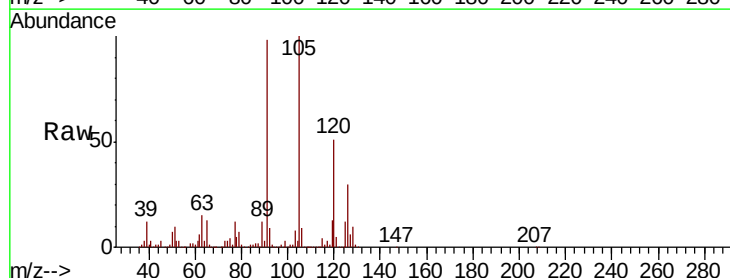
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

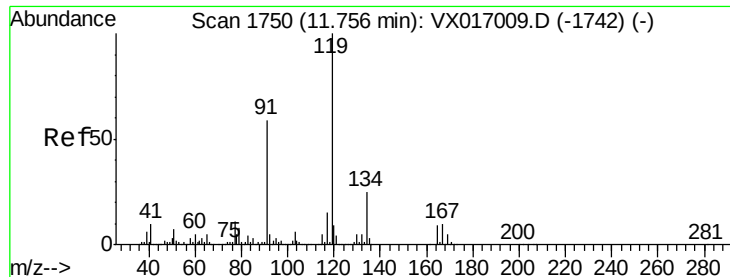
Tot Ion: 75 Resp: 64343
Ion Ratio Lower Upper
75 100
53 92.1 72.4 108.6
89 45.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 47.429 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion: 91 Resp: 525498
Ion Ratio Lower Upper
91 100
126 30.1 15.2 45.5

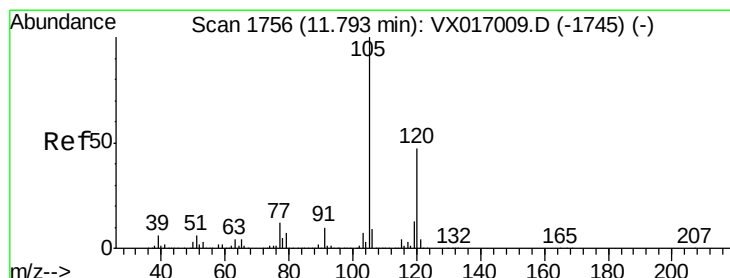
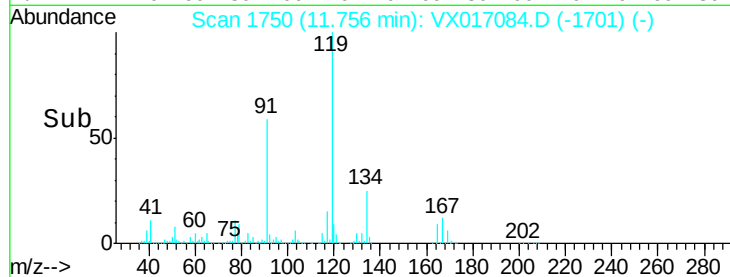
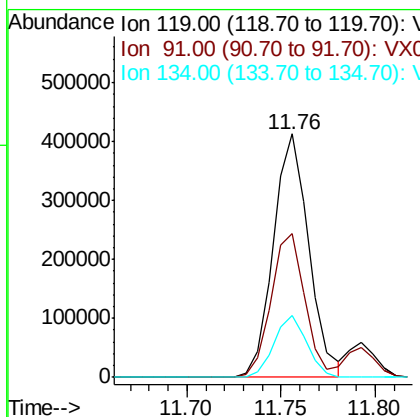
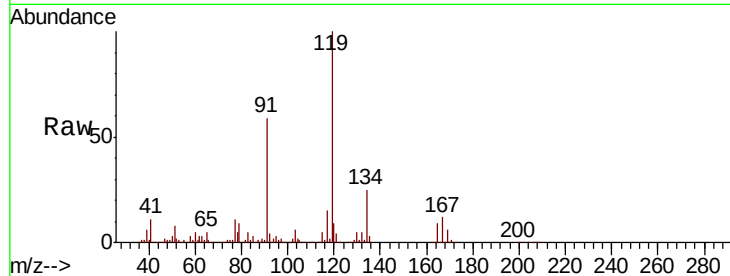




#83
 tert-Butylbenzene
 Concen: 48.689 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

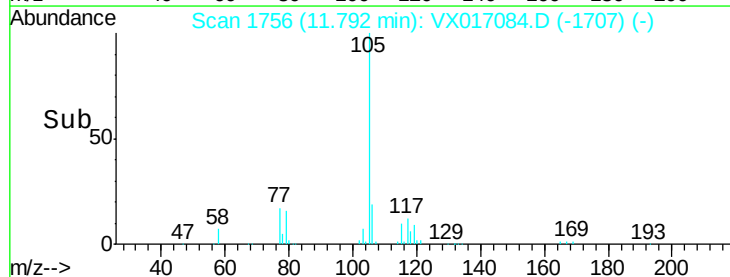
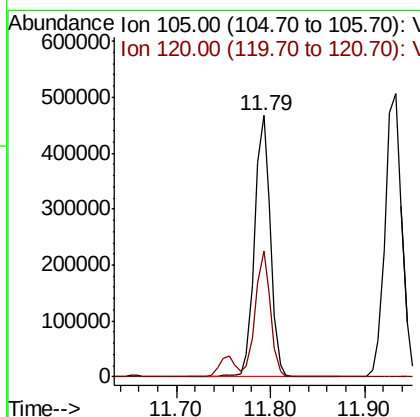
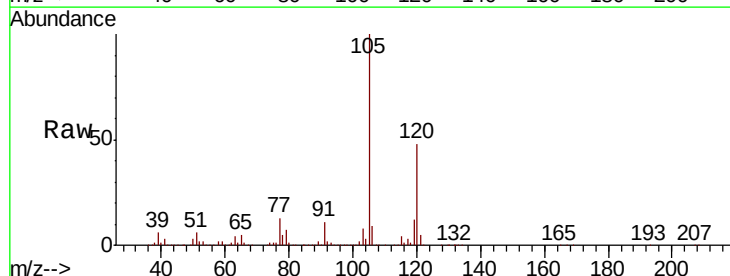
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

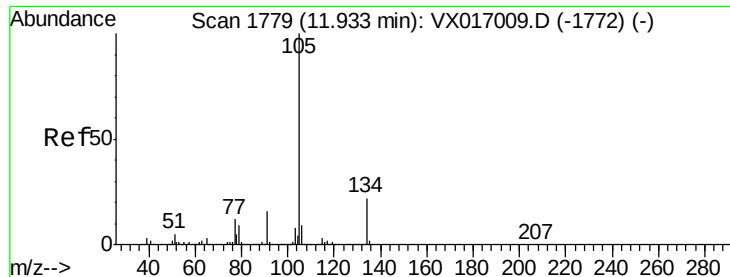
Tot Ion:119 Resp: 536895
 Ion Ratio Lower Upper
 119 100
 91 56.4 28.3 84.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.733 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion:105 Resp: 555358
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.5





#85

sec-Butylbenzene

Concen: 48.091 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

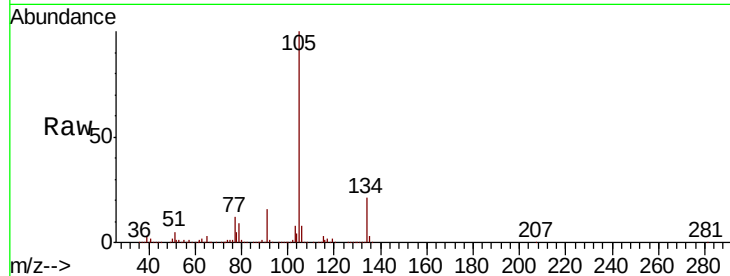
VSTDCCC050EC

Tot Ion:105 Resp: 623346

Ion Ratio Lower Upper

105 100

134 20.6 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

500000

400000

300000

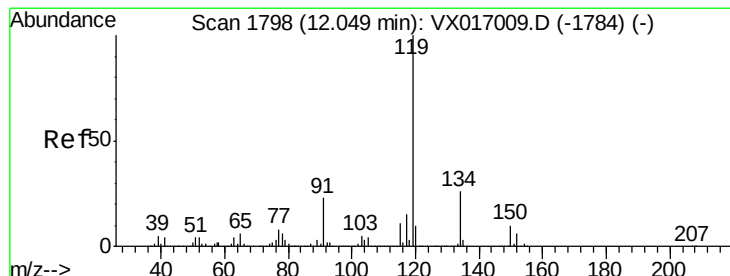
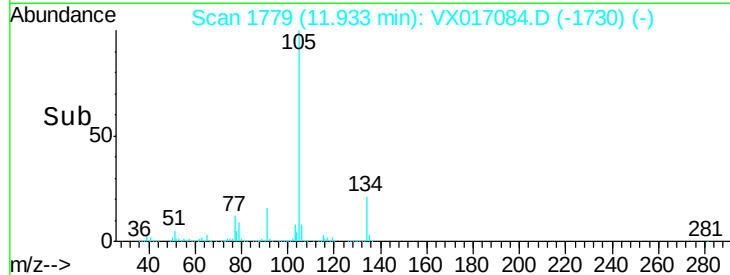
200000

100000

0

Time-->

11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 48.107 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

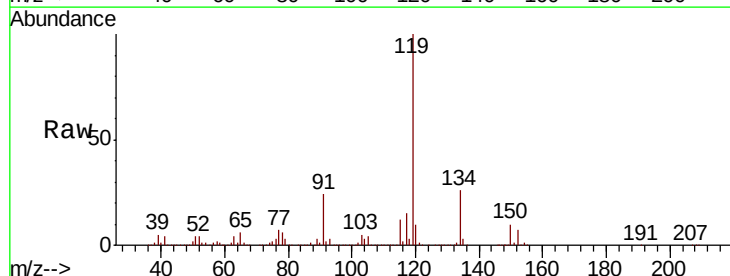
Tgt Ion:119 Resp: 580485

Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 23.6 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

600000

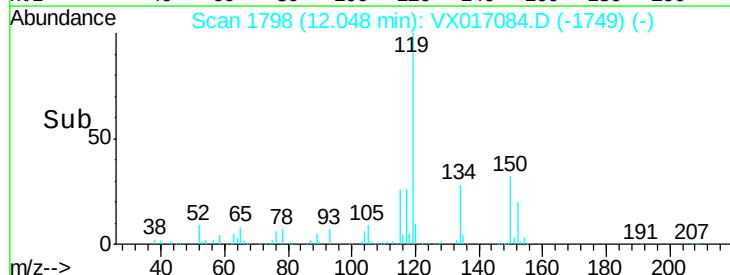
400000

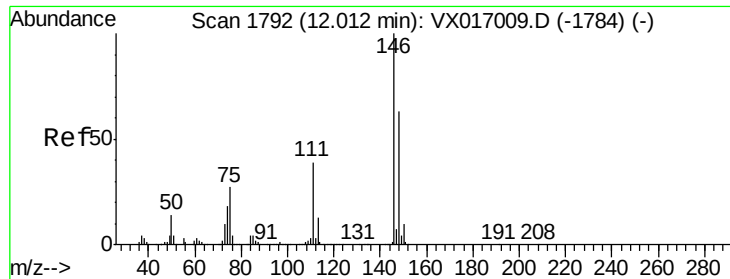
200000

0

Time-->

12.00 12.10

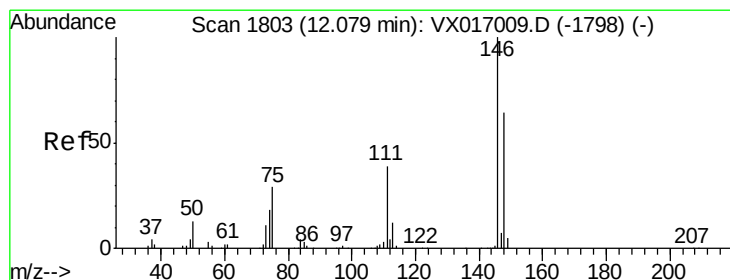
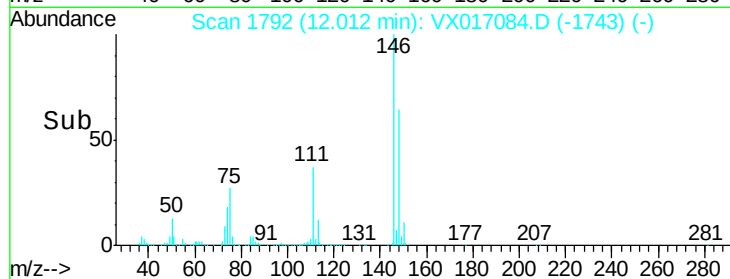
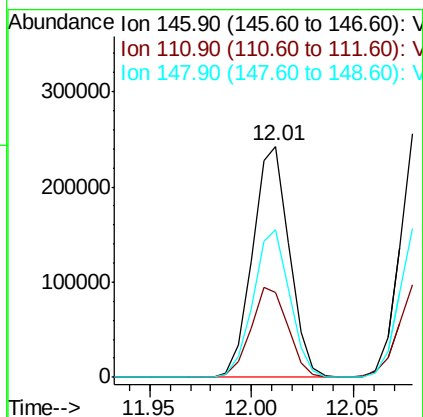
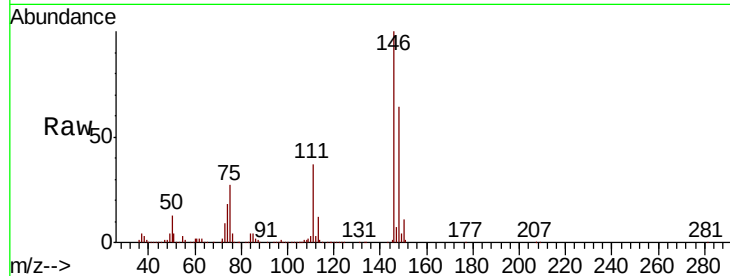




#87
 1,3-Dichlorobenzene
 Concen: 44.940 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

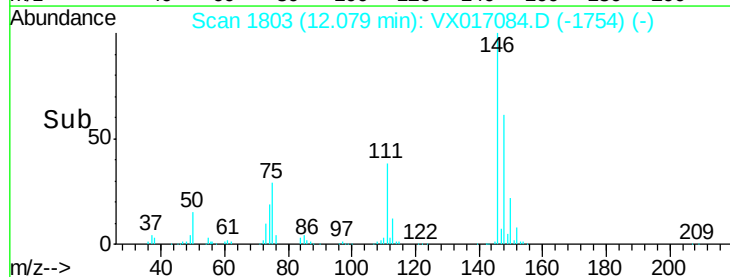
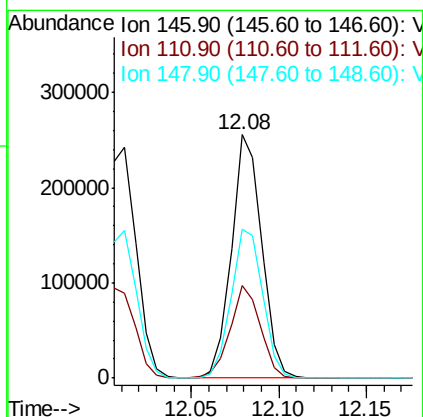
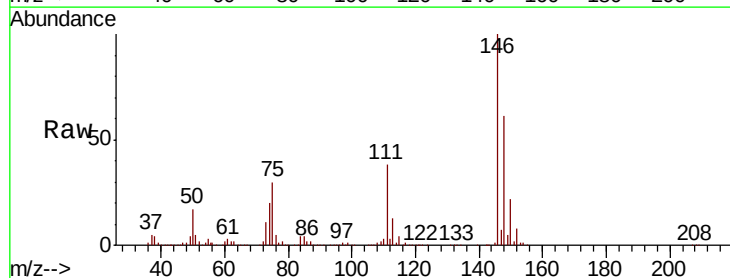
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

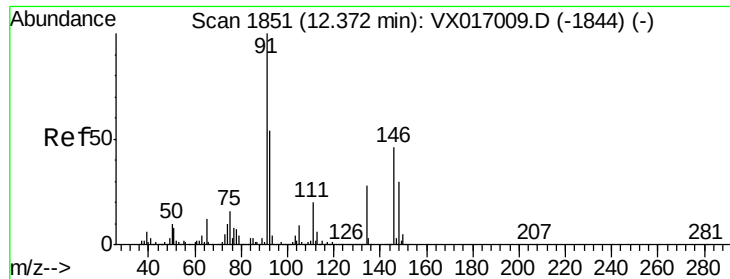
Tot Ion:146 Resp: 303782
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.4 61.2
 148 63.7 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 48.140 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion:146 Resp: 306929
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.5 58.5
 148 64.1 31.9 95.7

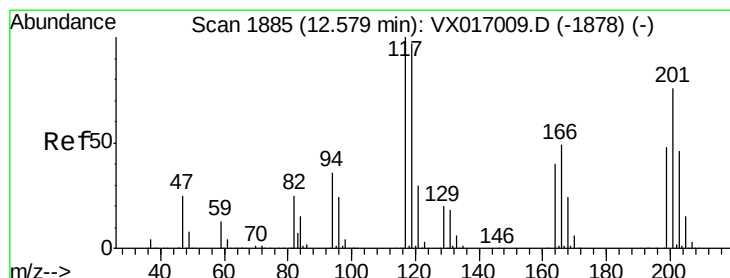
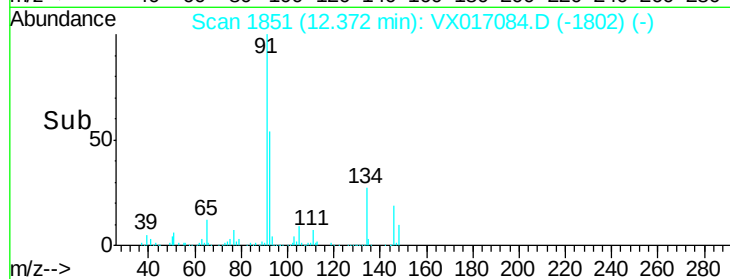
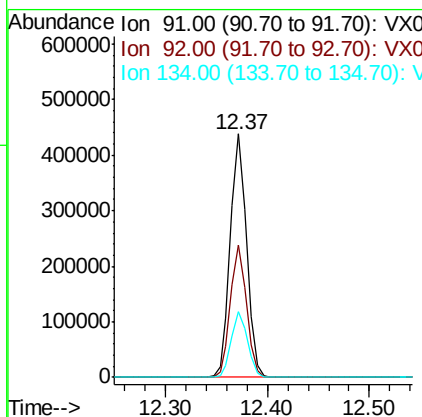
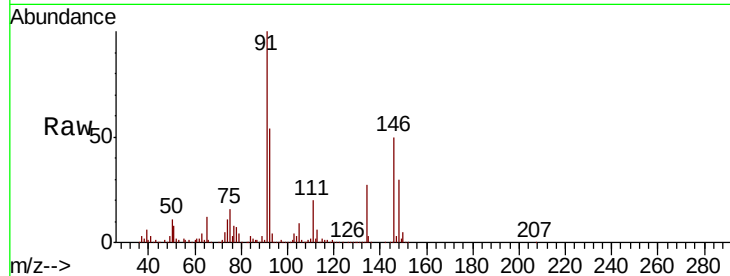




#89
n-Butylbenzene
Concen: 44.669 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

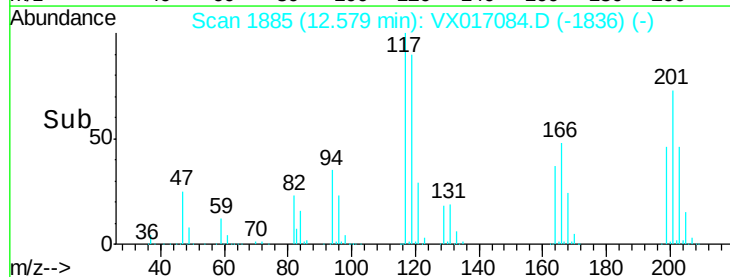
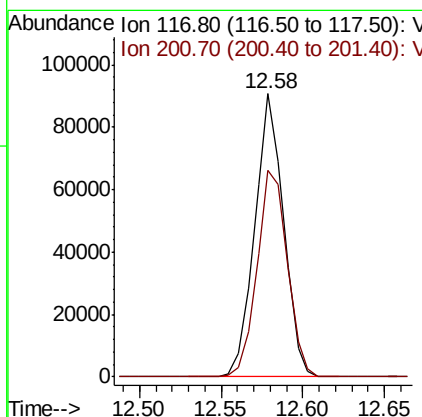
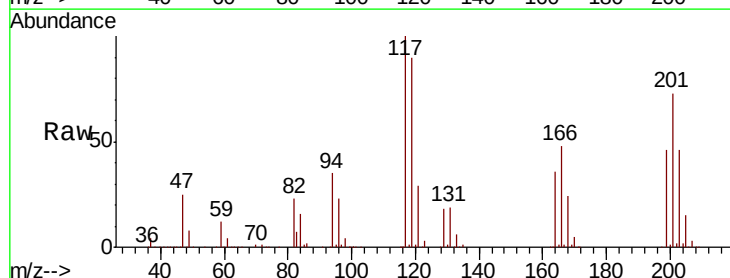
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

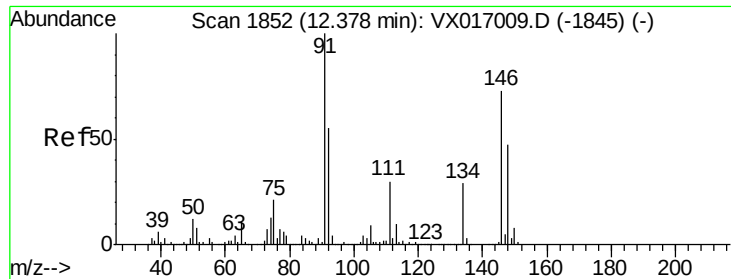
Tot Ion: 91 Resp: 481269
Ion Ratio Lower Upper
91 100
92 53.8 27.2 81.6
134 27.0 13.6 40.7



#90
Hexachloroethane
Concen: 46.824 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion: 117 Resp: 111419
Ion Ratio Lower Upper
117 100
201 76.7 39.4 118.2

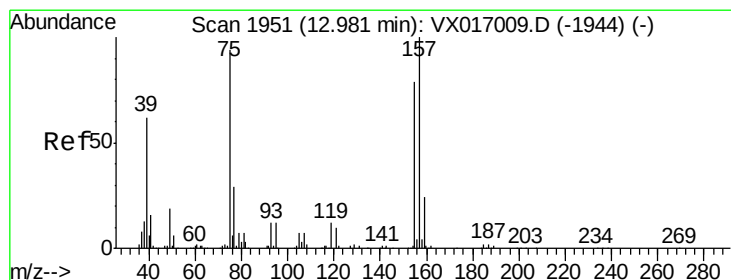
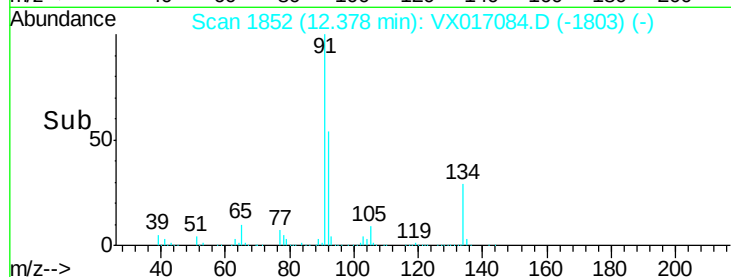
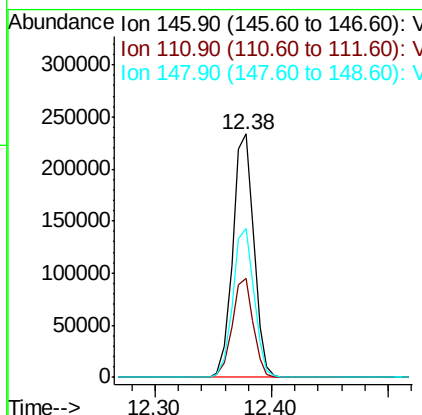
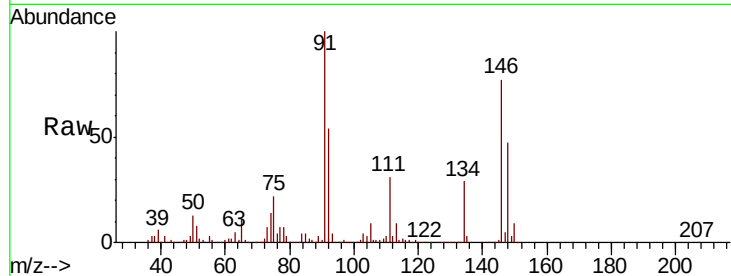




#91
1,2-Dichlorobenzene
Concen: 46.642 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

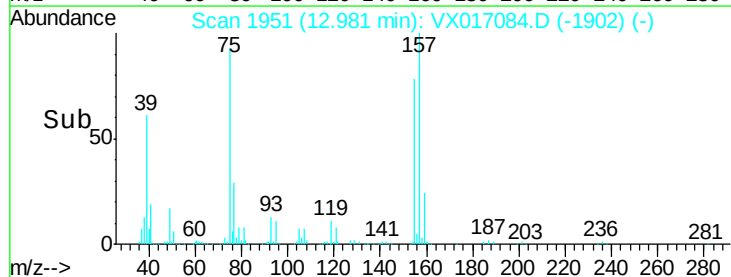
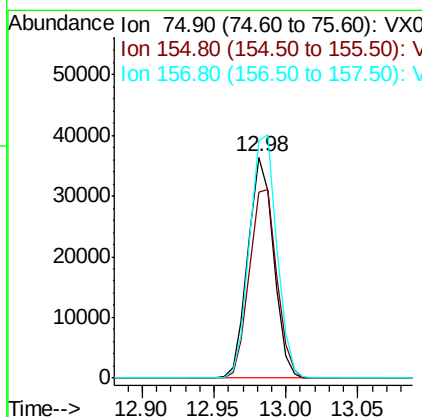
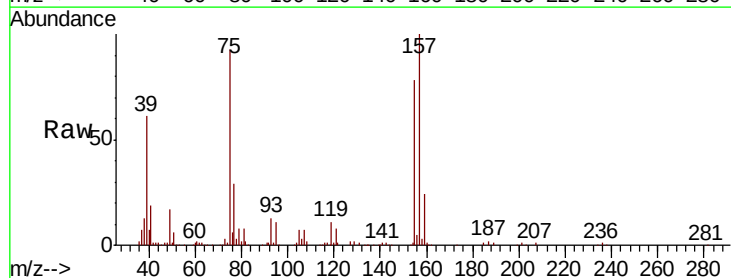
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

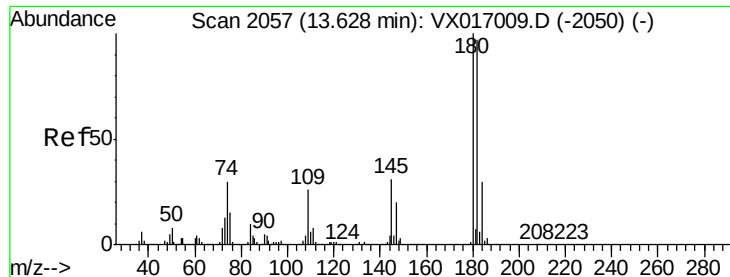
Tot Ion:146 Resp: 294716
Ion Ratio Lower Upper
146 100
111 40.2 20.6 61.9
148 61.8 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.146 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion: 75 Resp: 44861
Ion Ratio Lower Upper
75 100
155 90.9 45.1 135.2
157 115.9 56.5 169.3

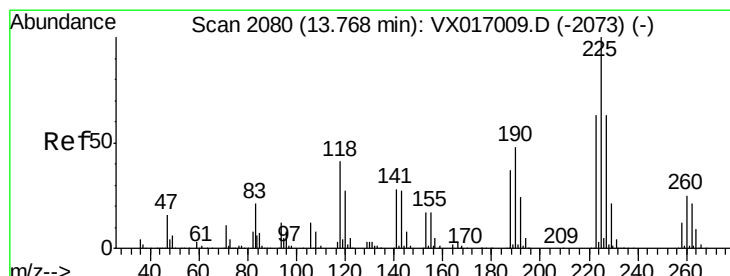
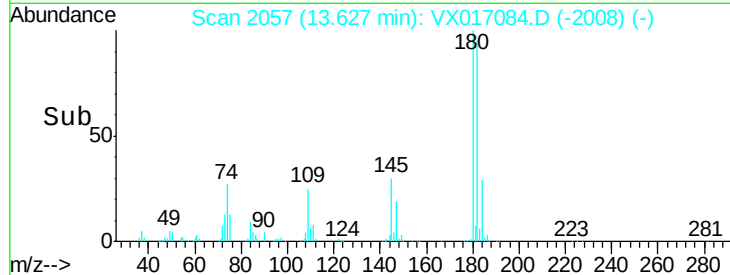
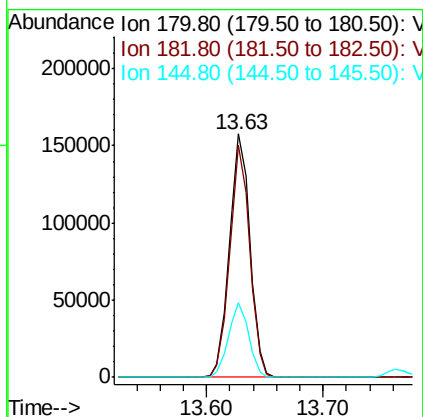
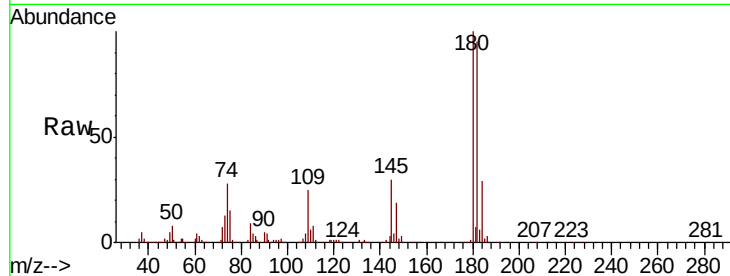




#93
 1,2,4-Trichlorobenzene
 Concen: 44.897 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

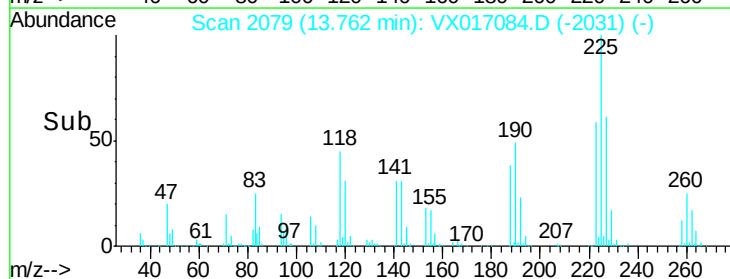
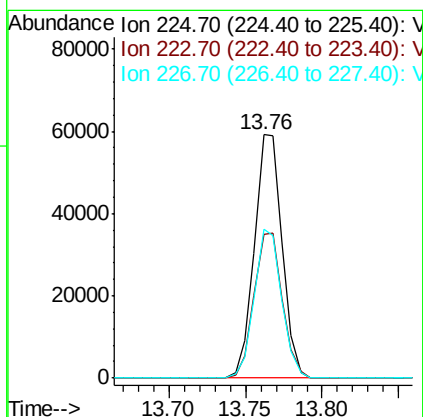
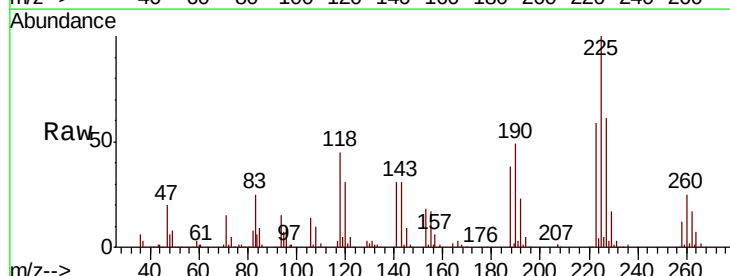
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

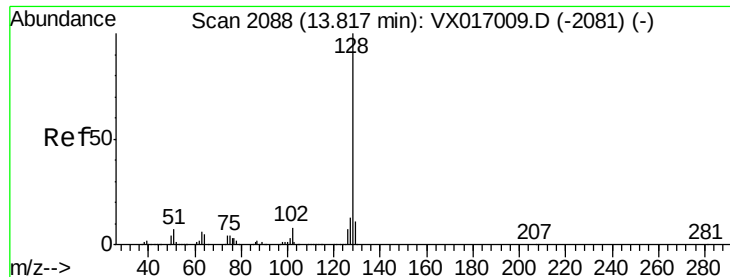
Tot Ion:180 Resp: 193632
 Ion Ratio Lower Upper
 180 100
 182 93.0 47.3 141.9
 145 30.2 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 45.788 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion:225 Resp: 74826
 Ion Ratio Lower Upper
 225 100
 223 60.9 32.5 97.5
 227 60.2 33.1 99.2

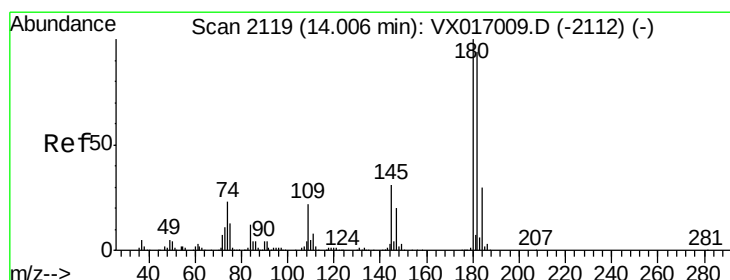
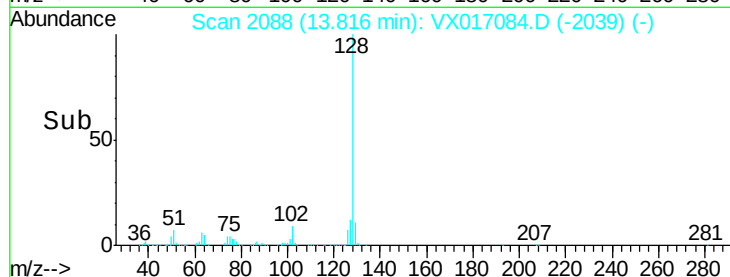
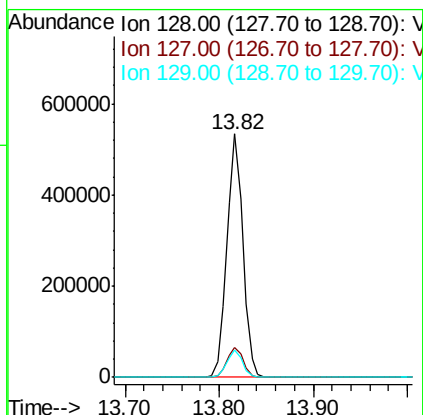
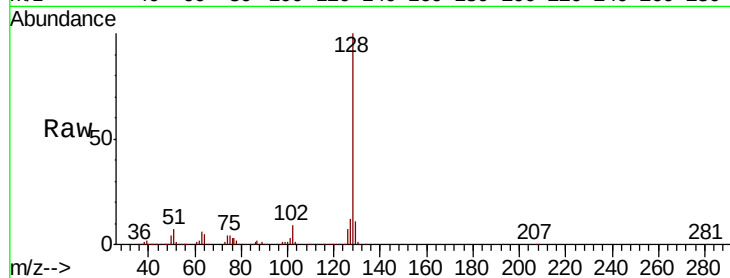




#95
Naphthalene
Concen: 47.895 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 627975
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.890 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion:180 Resp: 191534
Ion Ratio Lower Upper
180 100
182 95.2 47.1 141.4
145 33.0 16.6 49.7

