

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017032.D
 Acq On : 30 Jun 2020 09:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 01 08:00:25 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	297560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	444379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	413997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222903	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	169426	46.19	ug/l	0.00
Spiked Amount			Recovery	=	92.38%	
35) Dibromofluoromethane	5.46	113	141405	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
50) Toluene-d8	8.70	98	520307	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.12	95	202929	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	149548	51.950	ug/l	96
3) Chloromethane	1.32	50	163578	46.944	ug/l	100
4) Vinyl Chloride	1.39	62	156026	48.261	ug/l	98
5) Bromomethane	1.62	94	88889	52.040	ug/l	100
6) Chloroethane	1.71	64	94128	49.297	ug/l	98
7) Trichlorofluoromethane	1.92	101	247625	51.789	ug/l	98
8) Diethyl Ether	2.17	74	84912	52.759	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	137093	47.838	ug/l	98
10) Methyl Iodide	2.49	142	187252	50.638	ug/l	99
11) Tert butyl alcohol	3.01	59	156664	223.868	ug/l	99
12) 1,1-Dichloroethene	2.36	96	131522	44.675	ug/l	96
13) Acrolein	2.27	56	93688	223.957	ug/l	98
14) Allyl chloride	2.71	41	255875	47.030	ug/l	98
15) Acrylonitrile	3.11	53	394088	234.255	ug/l	100
16) Acetone	2.42	43	282134	205.595	ug/l	97
17) Carbon Disulfide	2.55	76	424445	51.665	ug/l	99
18) Methyl Acetate	2.75	43	166434	46.459	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	488954	49.487	ug/l	99
20) Methylene Chloride	2.83	84	162705	51.724	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	161760	49.513	ug/l	98
22) Diisopropyl ether	3.82	45	508533	50.501	ug/l	93
23) Vinyl Acetate	3.78	43	2215567	256.047	ug/l	100
24) 1,1-Dichloroethane	3.67	63	279576	48.795	ug/l	99
25) 2-Butanone	4.63	43	520976	227.841	ug/l	99
26) 2,2-Dichloropropane	4.55	77	255117	50.147	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	175538	47.420	ug/l	98
28) Bromochloromethane	4.98	49	134201	48.133	ug/l	100
29) Tetrahydrofuran	5.09	42	354451	234.613	ug/l	99
30) Chloroform	5.17	83	289795	49.340	ug/l	99
31) Cyclohexane	5.54	56	254291	51.346	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	262849	48.593	ug/l	99
36) 1,1-Dichloropropene	5.76	75	219902	52.359	ug/l	99
37) Ethyl Acetate	4.79	43	212881	49.957	ug/l	99
38) Carbon Tetrachloride	5.75	117	249740	53.987	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	261654	55.993	ug/l	98
40) Benzene	6.11	78	639261	51.804	ug/l	97
41) Methacrylonitrile	5.00	41	122200	50.952	ug/l	98
42) 1,2-Dichloroethane	6.16	62	228925	51.359	ug/l	100
43) Isopropyl Acetate	6.41	43	351636	49.659	ug/l	99
44) Trichloroethene	7.18	130	186373	54.761	ug/l	96
45) 1,2-Dichloropropane	7.49	63	166478	52.526	ug/l	99
46) Dibromomethane	7.63	93	111989	51.754	ug/l	99
47) Bromodichloromethane	7.87	83	235280	52.762	ug/l	95
48) Methyl methacrylate	7.74	41	175589	52.194	ug/l	99
49) 1,4-Dioxane	7.71	88	75565	991.485	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1082666	256.496	ug/l	100
52) Toluene	8.76	92	408597	53.034	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	257364	52.309	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	279075	52.912	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	166815	52.994	ug/l	98
56) Ethyl methacrylate	9.16	69	241799	53.968	ug/l	99
57) 1,3-Dichloropropane	9.35	76	274759	51.584	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	660041	296.004	ug/l	100
59) 2-Hexanone	9.47	43	822031	266.657	ug/l	99
60) Dibromochloromethane	9.56	129	195264	53.408	ug/l	99
61) 1,2-Dibromoethane	9.65	107	176768	52.243	ug/l	100
64) Tetrachloroethene	9.32	164	178157	53.321	ug/l	94
65) Chlorobenzene	10.12	112	449155	52.566	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	173508	52.690	ug/l	99
67) Ethyl Benzene	10.23	91	781821	54.789	ug/l	98
68) m/p-Xylenes	10.34	106	613274	111.930	ug/l	99
69) o-Xylene	10.68	106	289263	55.497	ug/l	99
70) Styrene	10.70	104	507871	57.219	ug/l	100
71) Bromoform	10.84	173	144175	55.211	ug/l #	99
73) Isopropylbenzene	11.00	105	789445	54.070	ug/l	100
74) N-amyl acetate	10.88	43	324528	52.092	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	230013	50.083	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	287382	65.564	ug/l	87
77) Bromobenzene	11.24	156	204255	50.902	ug/l	99
78) n-propylbenzene	11.34	91	911934	55.233	ug/l	100
79) 2-Chlorotoluene	11.40	91	536797	53.720	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	674370	55.684	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	87951	51.962	ug/l #	92
82) 4-Chlorotoluene	11.49	91	639877	53.567	ug/l	100
83) tert-Butylbenzene	11.76	119	646835	54.409	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	681271	55.450	ug/l	99
85) sec-Butylbenzene	11.93	105	775797	55.515	ug/l	98
86) p-Isopropyltoluene	12.05	119	721991	55.498	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	370368	50.819	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	375096	54.594	ug/l	99
89) n-Butylbenzene	12.37	91	629694	54.209	ug/l	100
90) Hexachloroethane	12.58	117	136688	53.280	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	344558	50.579	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51541	47.044	ug/l	99

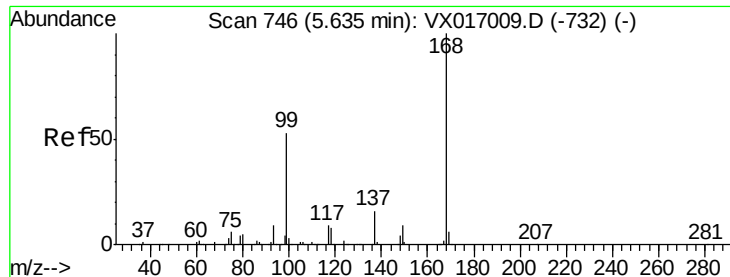
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	238107	51.209	ug/l	99
94) Hexachlorobutadiene	13.76	225	97730	55.291	ug/l	97
95) Naphthalene	13.82	128	749753	53.039	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	233955	51.992	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: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

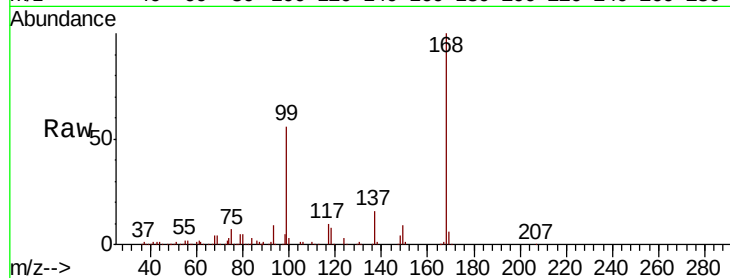
VSTDCCC050

Tot Ion:168 Resp: 297560

Ion Ratio Lower Upper

168 100

99 55.6 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

120000

100000

80000

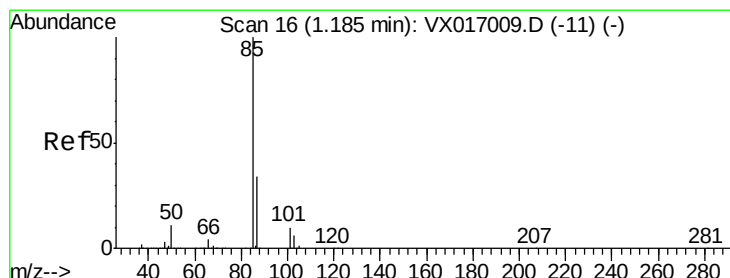
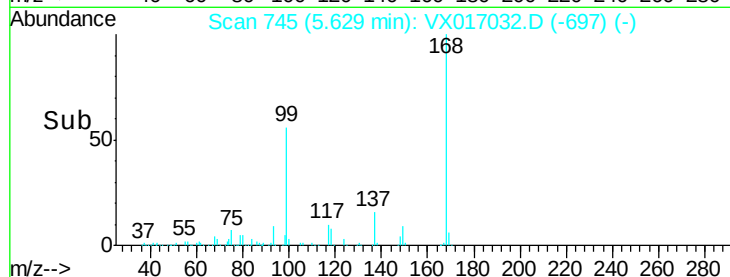
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.950 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017032.D

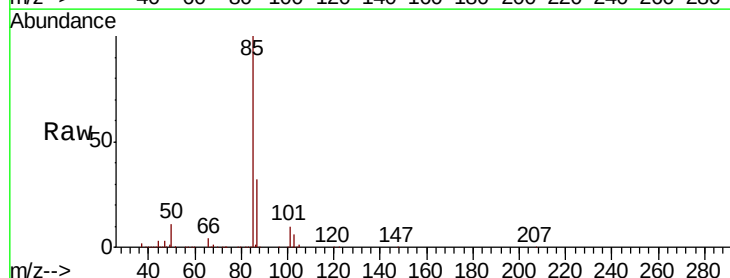
Acq: 30 Jun 2020 09:49

Tgt Ion: 85 Resp: 149548

Ion Ratio Lower Upper

85 100

87 31.5 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

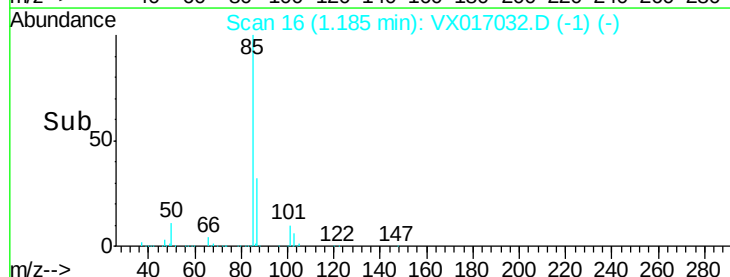
150000

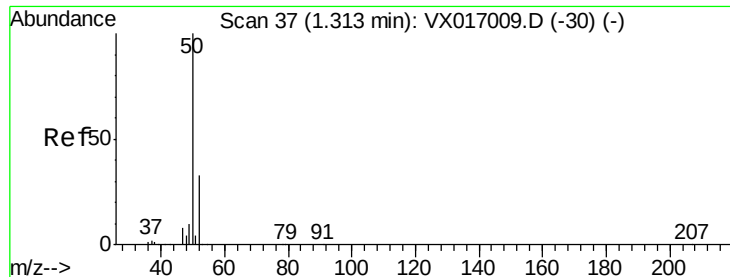
100000

50000

0

Time-->





#3

Chloromethane

Concen: 46.944 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

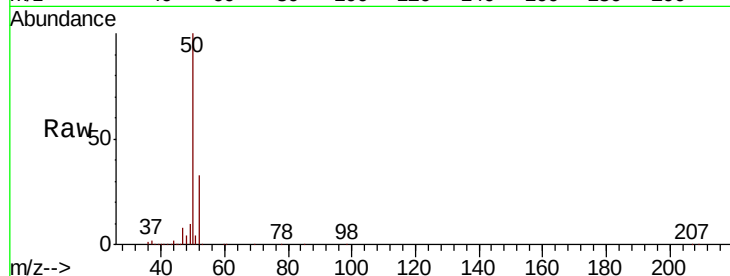
VSTDCCC050

Tot Ion: 50 Resp: 163578

Ion Ratio Lower Upper

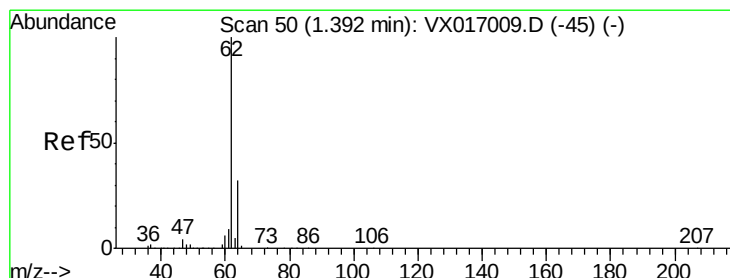
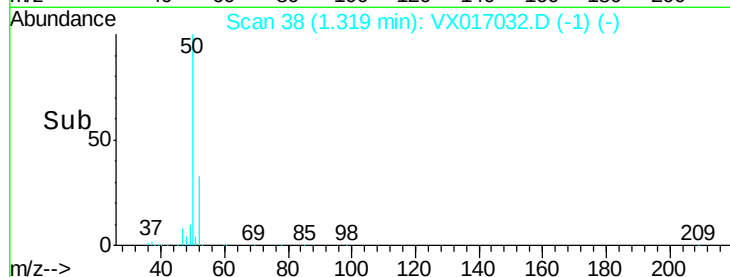
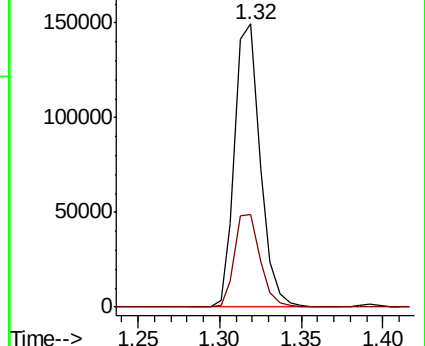
50 100

52 32.9 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.261 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017032.D

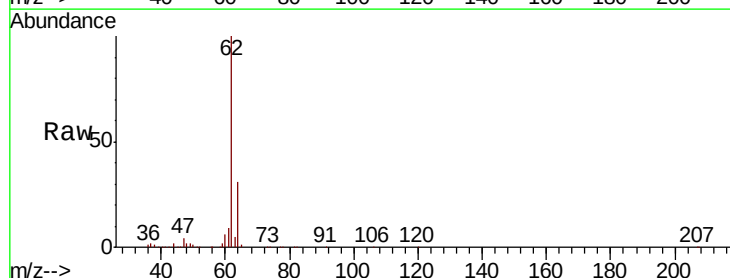
Acq: 30 Jun 2020 09:49

Tgt Ion: 62 Resp: 156026

Ion Ratio Lower Upper

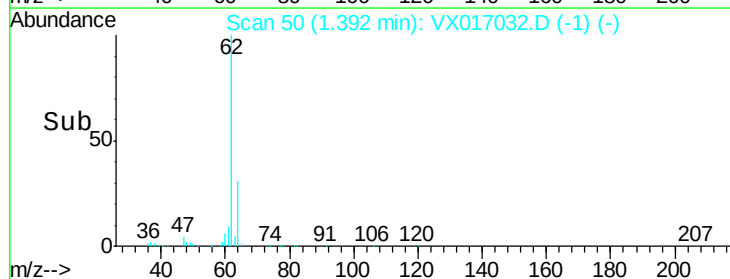
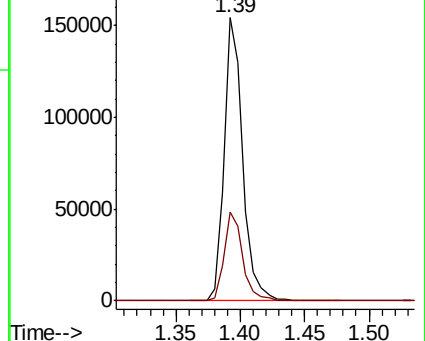
62 100

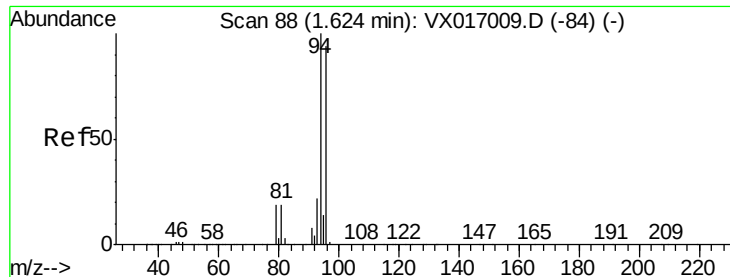
64 31.4 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 52.040 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

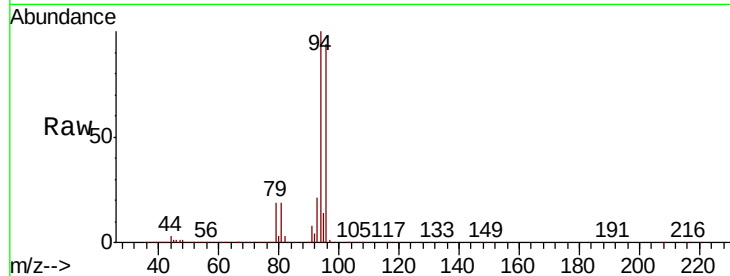
VSTDCCC050

Tot Ion: 94 Resp: 88889

Ion Ratio Lower Upper

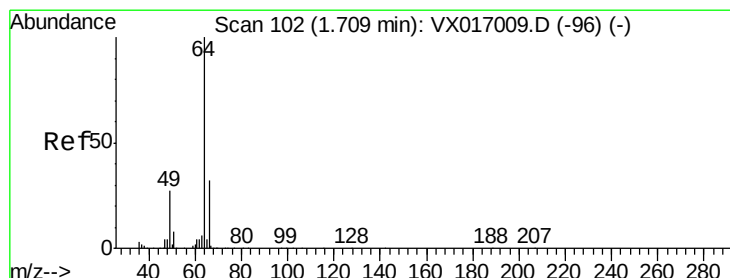
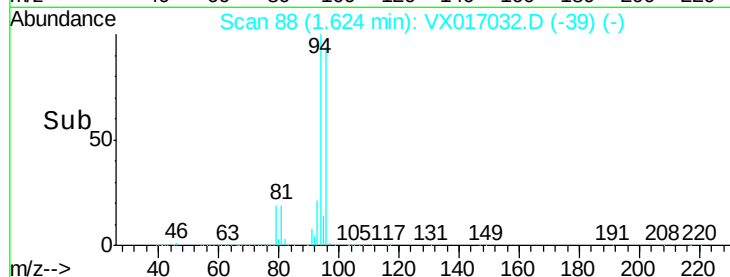
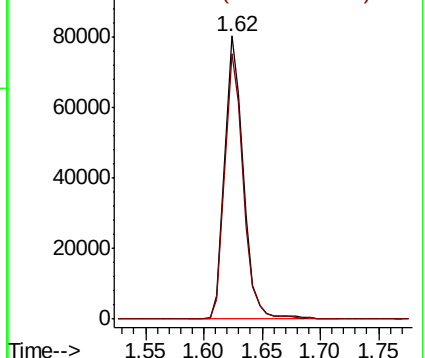
94 100

96 93.7 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: 49.297 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017032.D

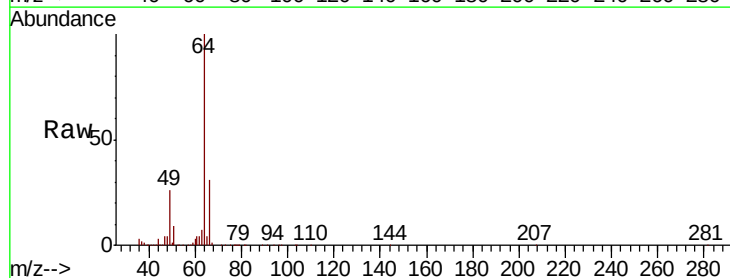
Acq: 30 Jun 2020 09:49

Tgt Ion: 64 Resp: 94128

Ion Ratio Lower Upper

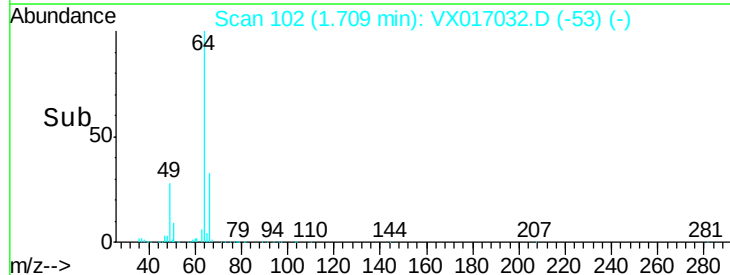
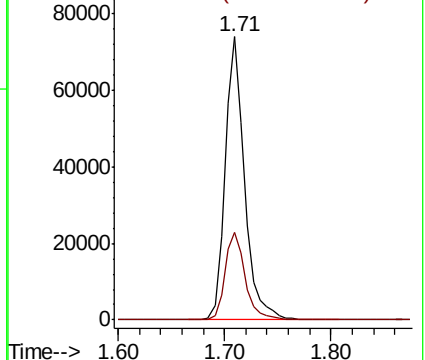
64 100

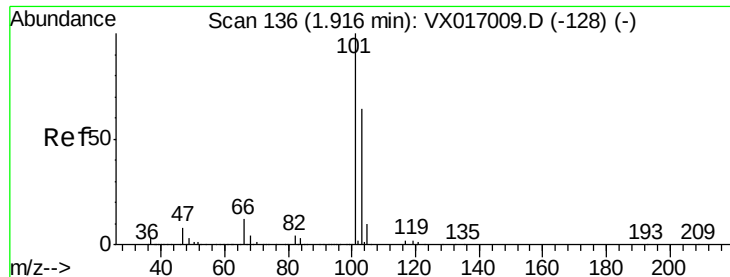
66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



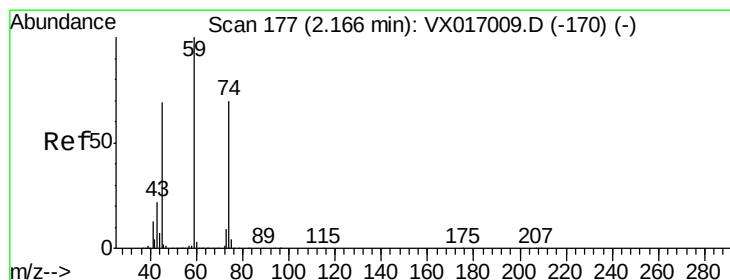
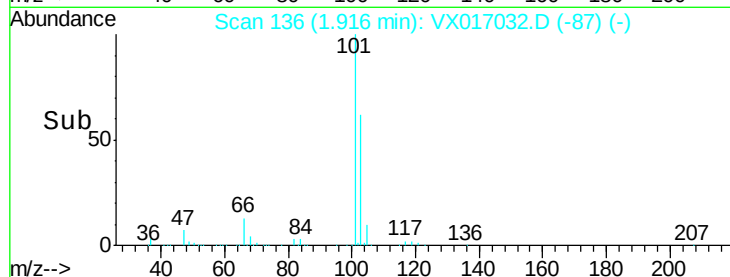
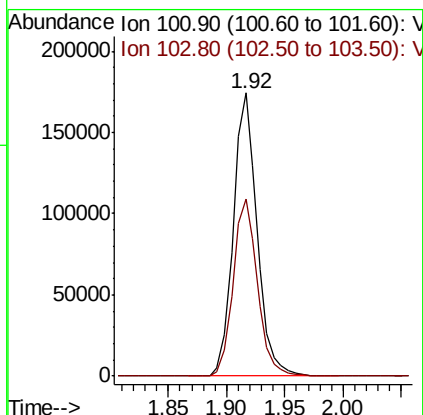
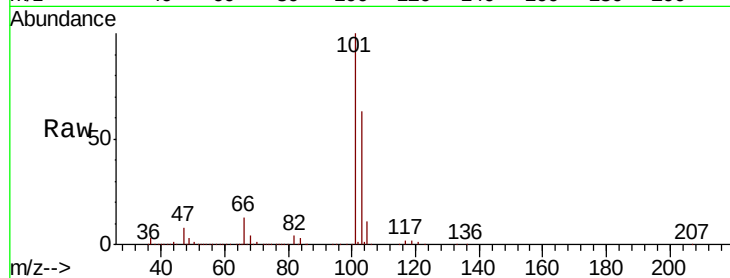


#7

Trichlorofluoromethane
 Concen: 51.789 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

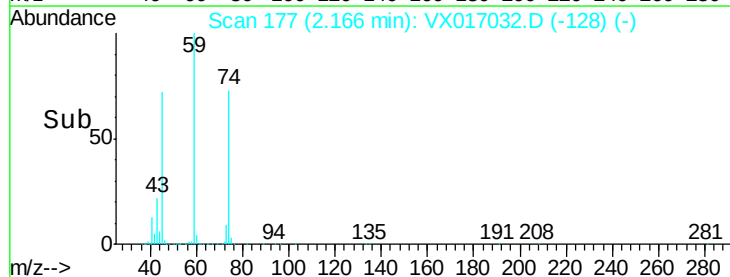
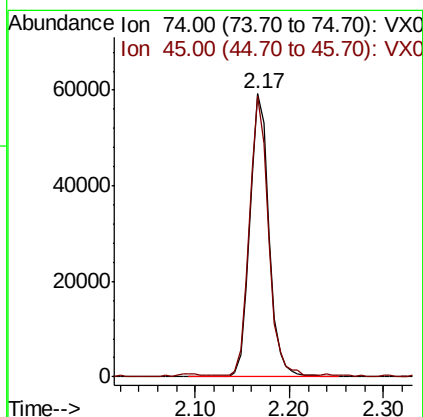
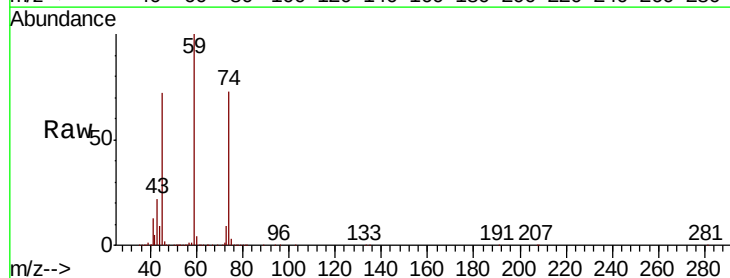
Tot Ion:101 Resp: 247625
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.5 77.3

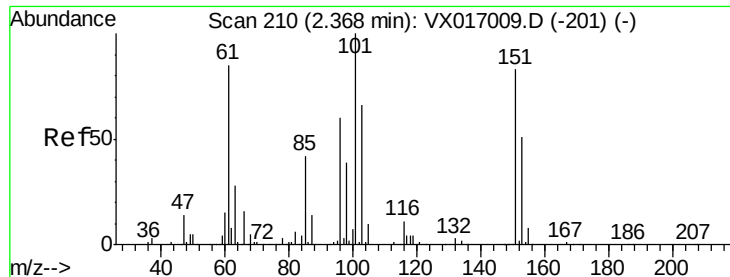


#8

Diethyl Ether
 Concen: 52.759 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Tgt Ion: 74 Resp: 84912
 Ion Ratio Lower Upper
 74 100
 45 97.2 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.838 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

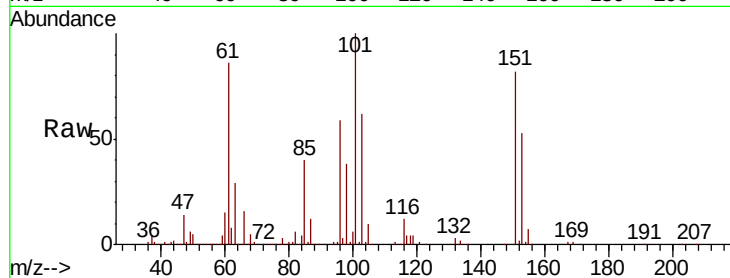
Tot Ion:101 Resp: 137093

Ion Ratio Lower Upper

101 100

85 42.5 33.5 50.3

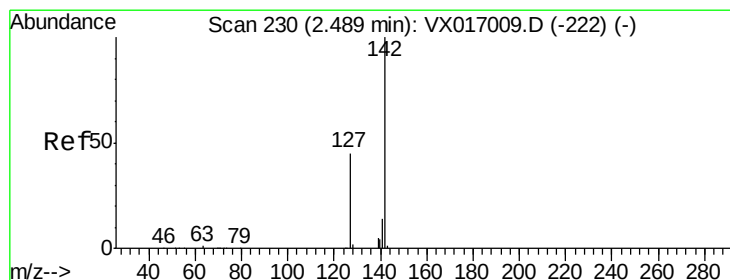
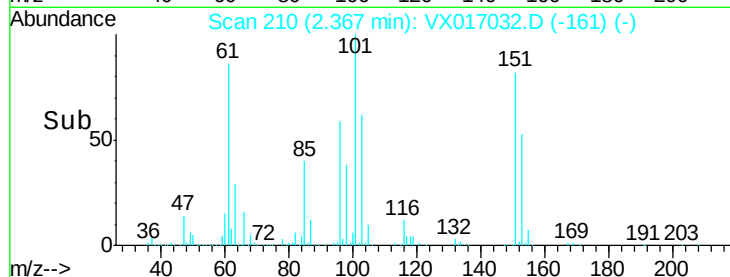
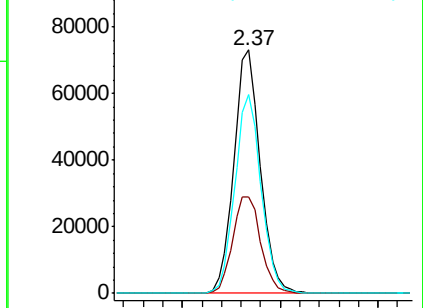
151 81.4 63.8 95.6



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: 50.638 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

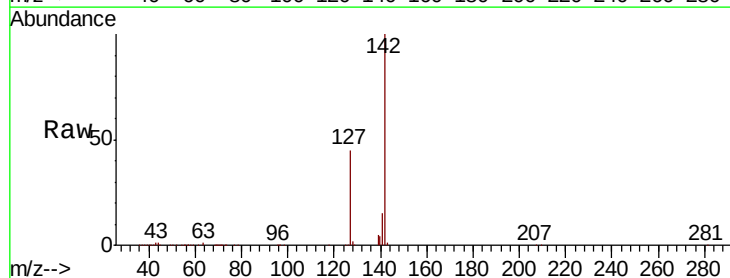
Tgt Ion:142 Resp: 187252

Ion Ratio Lower Upper

142 100

127 44.8 36.6 54.8

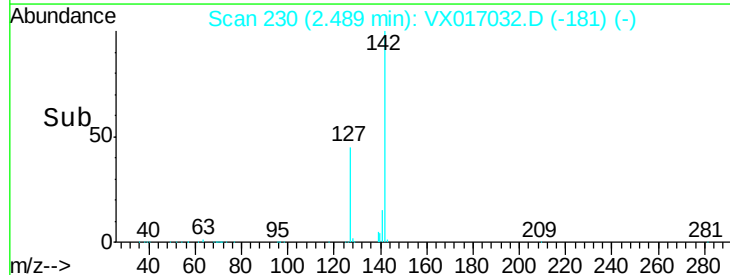
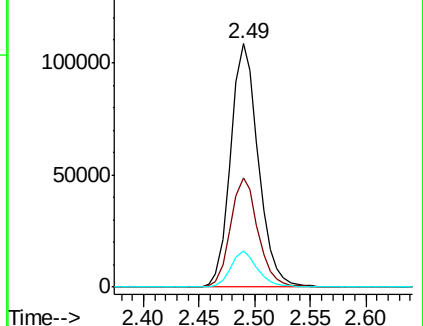
141 14.4 11.6 17.4

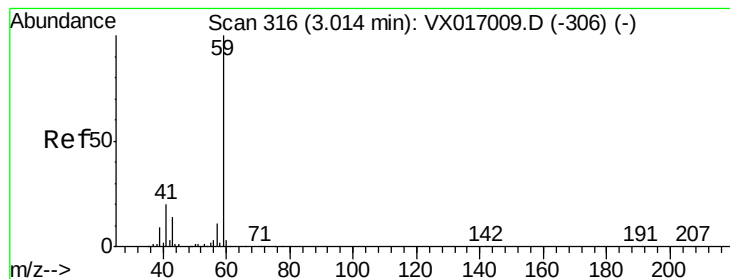


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



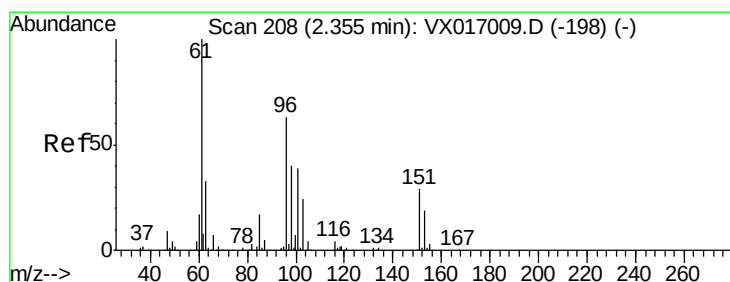
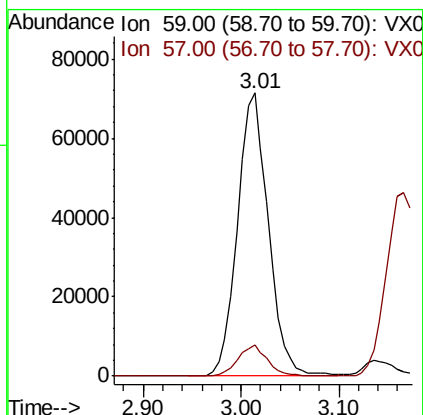
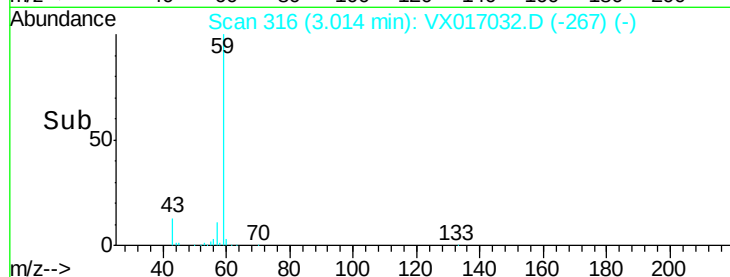
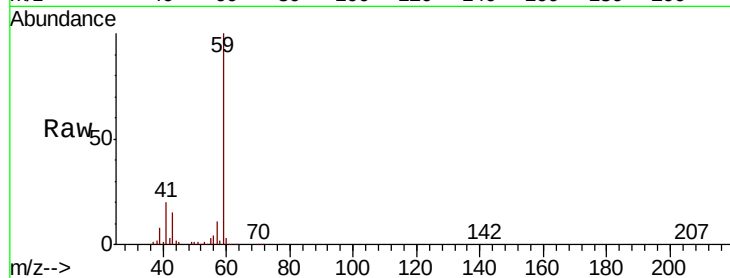


#11

Tert butyl alcohol
Concen: 223.868 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

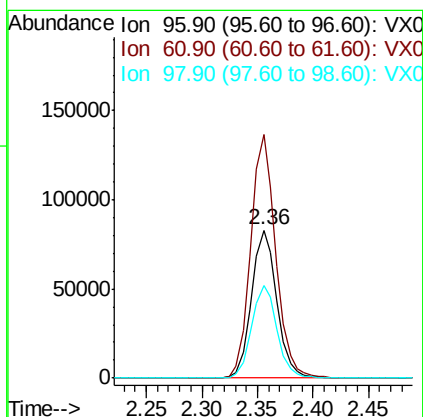
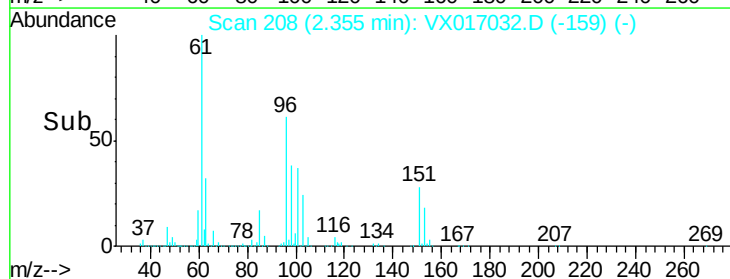
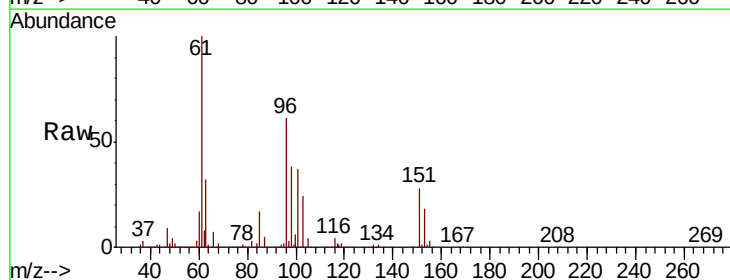
Tot Ion: 59 Resp: 156664
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2

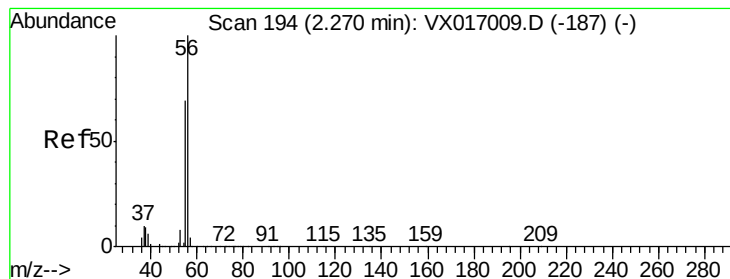


#12

1,1-Dichloroethene
Concen: 44.675 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion: 96 Resp: 131522
Ion Ratio Lower Upper
96 100
61 164.9 126.3 189.5
98 62.6 51.0 76.6





#13

Acrolein

Concen: 223.957 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

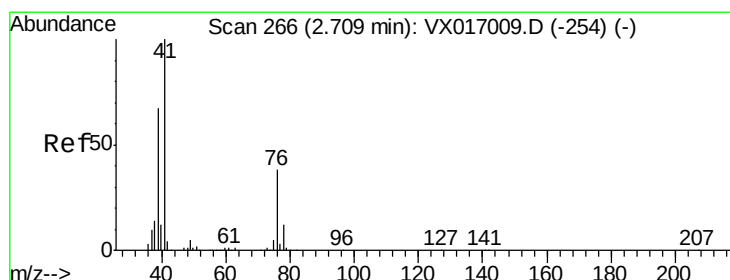
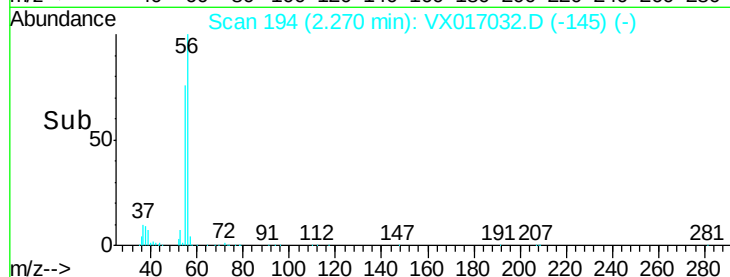
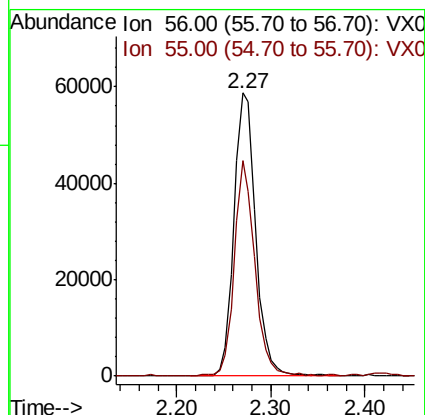
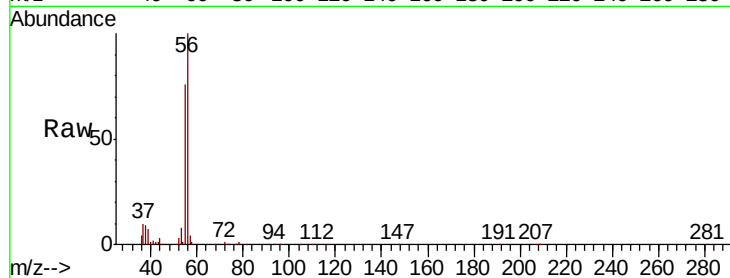
VSTDCCC050

Tot Ion: 56 Resp: 93688

Ion Ratio Lower Upper

56 100

55 71.5 55.7 83.5



#14

Allyl chloride

Concen: 47.030 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

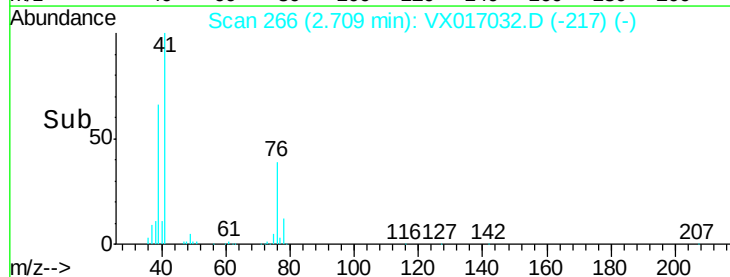
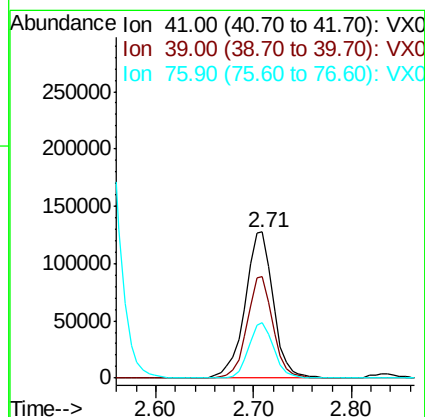
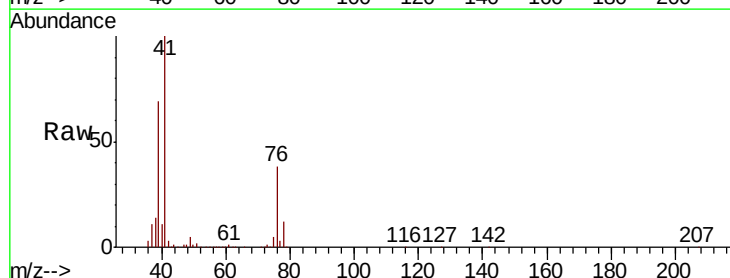
Tgt Ion: 41 Resp: 255875

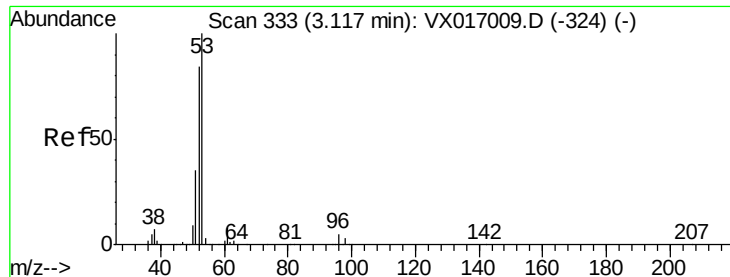
Ion Ratio Lower Upper

41 100

39 63.6 49.4 74.2

76 33.6 26.8 40.2





#15

Acrylonitrile

Concen: 234.255 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

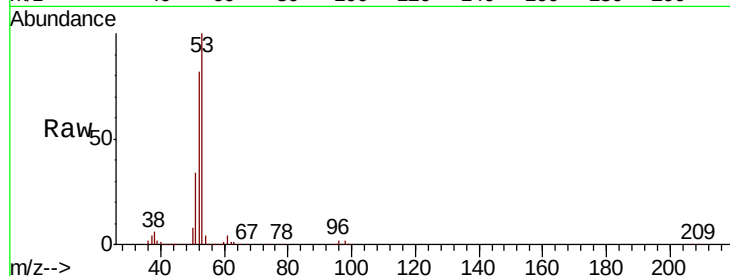
Tot Ion: 53 Resp: 394088

Ion Ratio Lower Upper

53 100

52 81.8 65.6 98.4

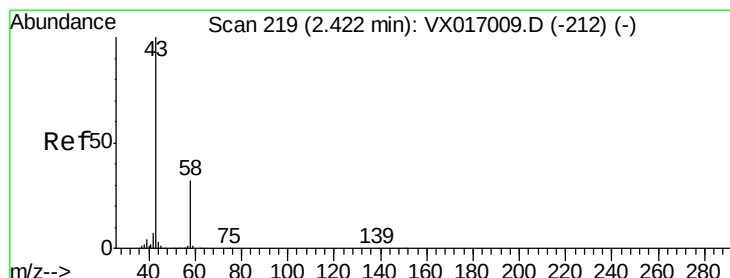
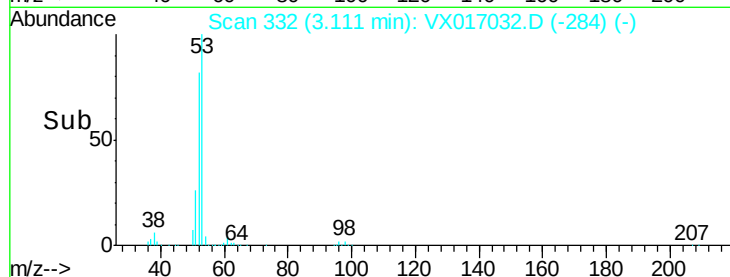
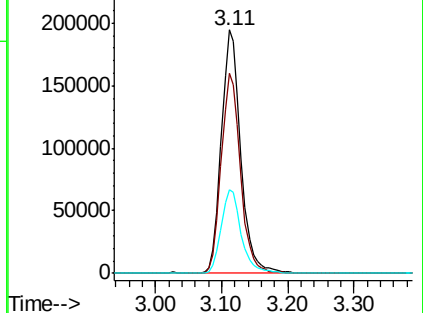
51 35.6 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 205.595 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017032.D

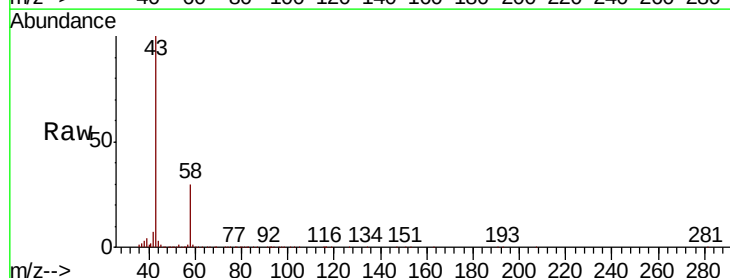
Acq: 30 Jun 2020 09:49

Tgt Ion: 43 Resp: 282134

Ion Ratio Lower Upper

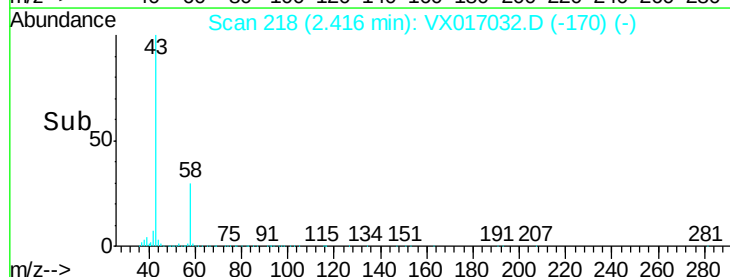
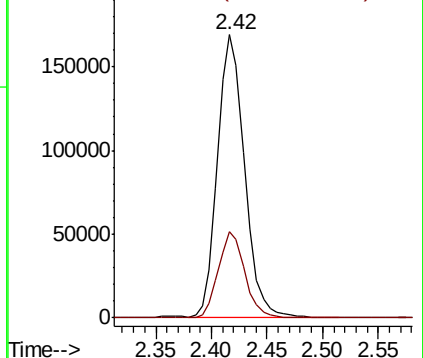
43 100

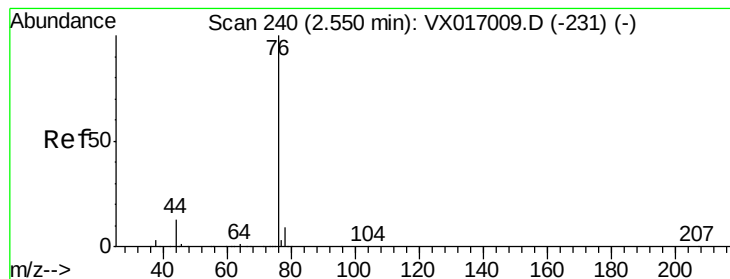
58 30.3 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 51.665 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

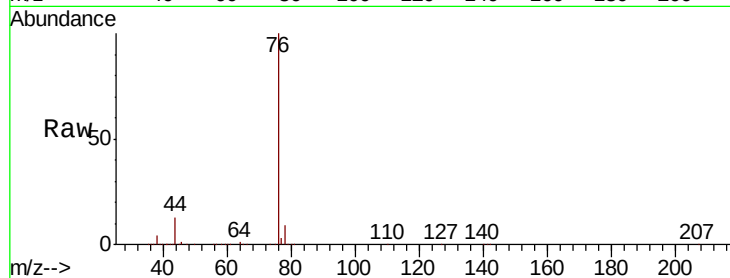
VSTDCCC050

Tot Ion: 76 Resp: 424445

Ion Ratio Lower Upper

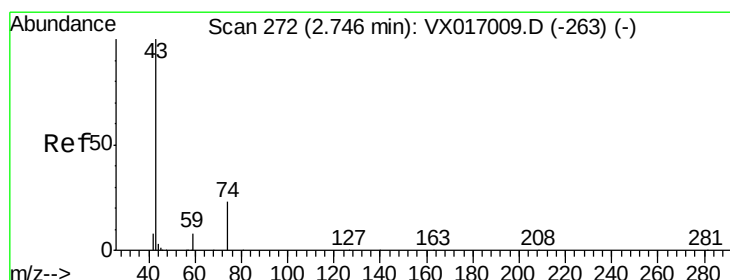
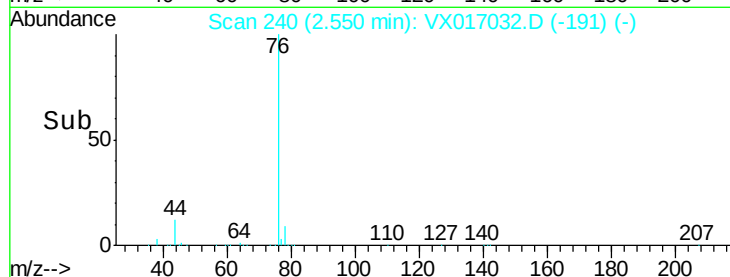
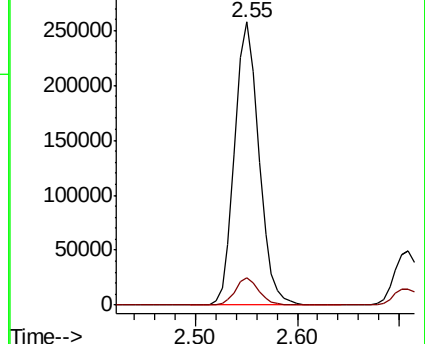
76 100

78 9.4 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: 46.459 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX017032.D

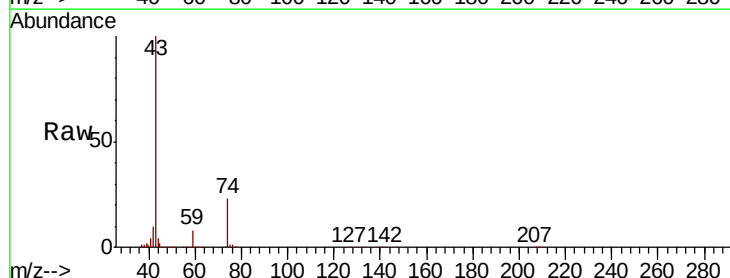
Acq: 30 Jun 2020 09:49

Tgt Ion: 43 Resp: 166434

Ion Ratio Lower Upper

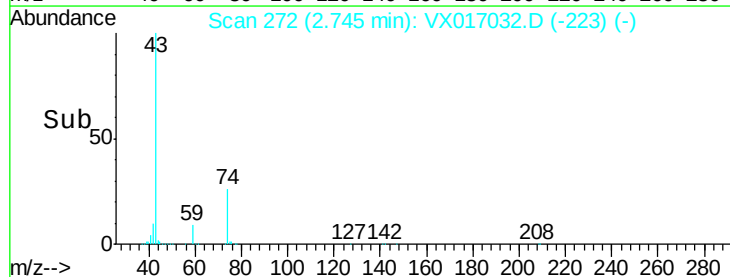
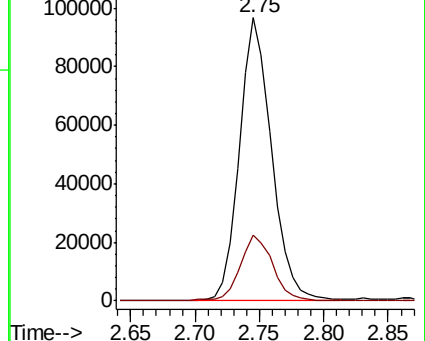
43 100

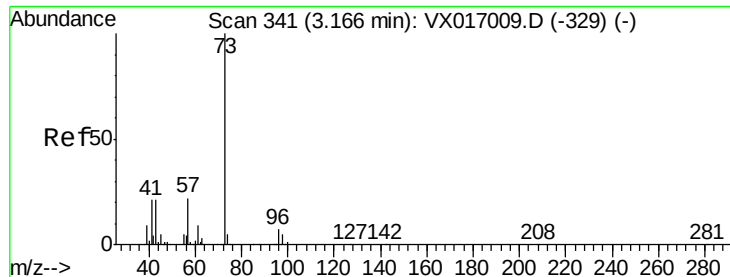
74 23.9 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



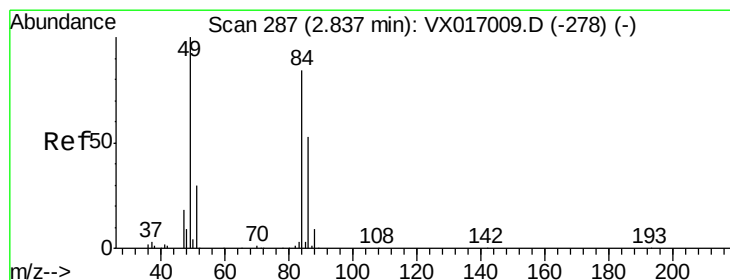
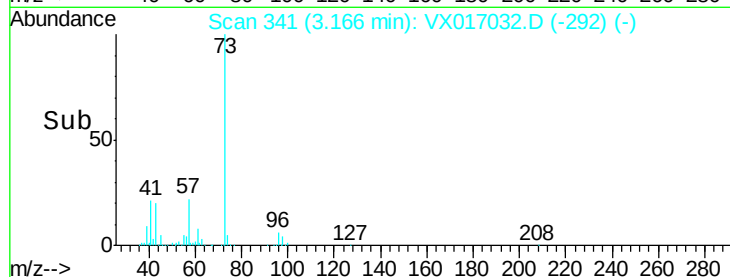
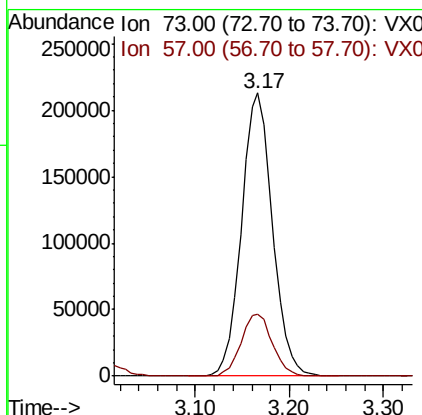
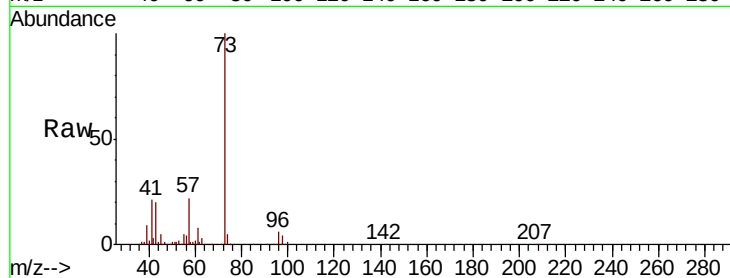


#19

Methyl tert-butyl Ether
 Concen: 49.487 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

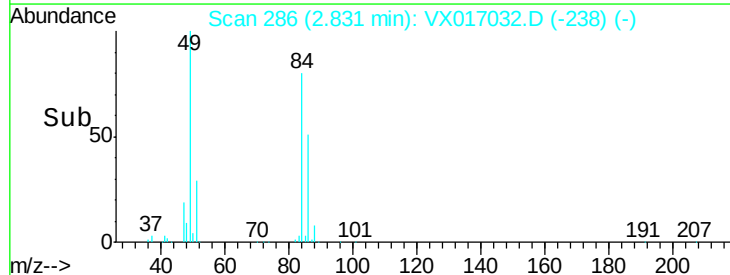
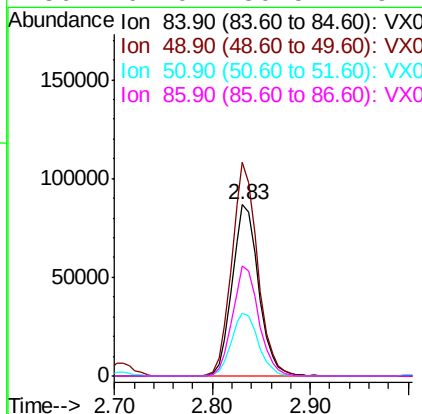
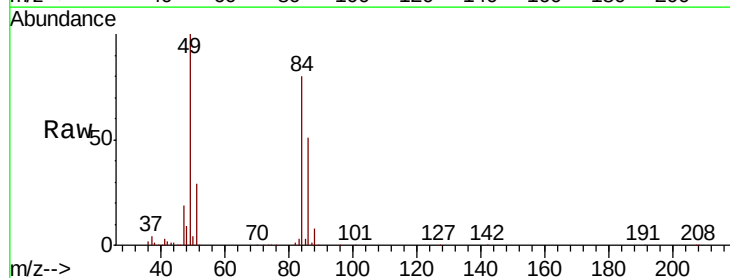
Tot Ion: 73 Resp: 488954
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.6 26.4

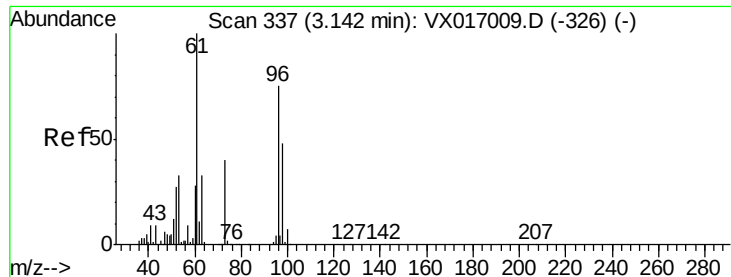


#20

Methylene Chloride
 Concen: 51.724 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Tgt Ion: 84 Resp: 162705
 Ion Ratio Lower Upper
 84 100
 49 124.6 94.7 142.1
 51 36.5 28.6 42.8
 86 64.0 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 49.513 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

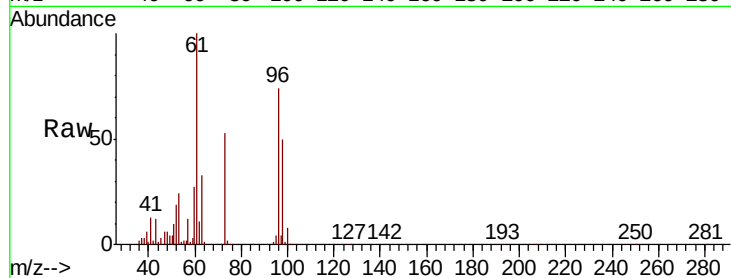
Tot Ion: 96 Resp: 161760

Ion Ratio Lower Upper

96 100

61 135.2 107.0 160.6

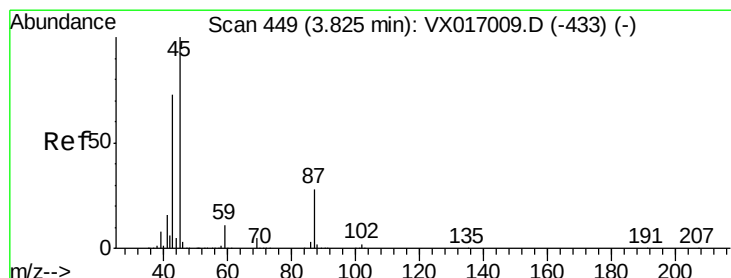
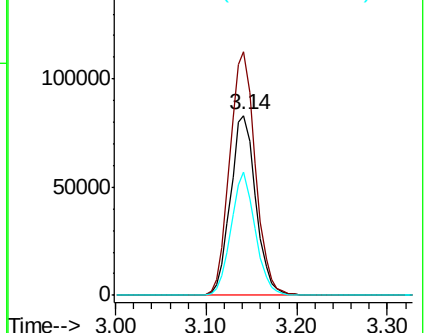
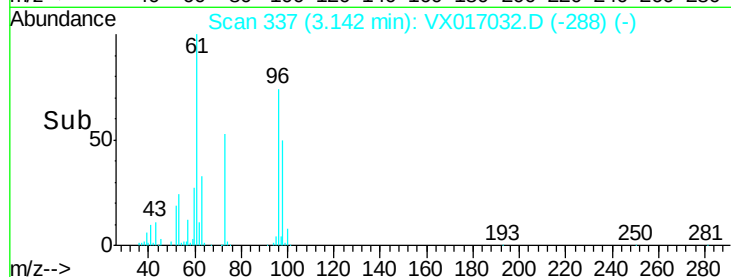
98 68.2 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.501 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Tgt Ion: 45 Resp: 508533

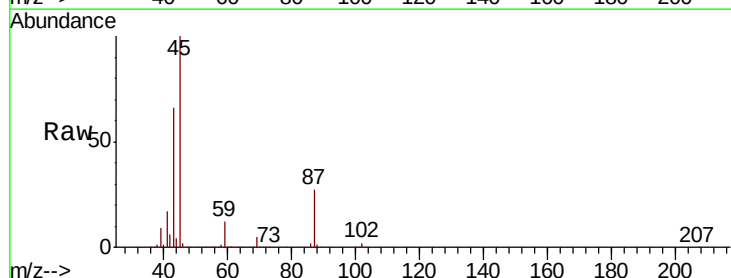
Ion Ratio Lower Upper

45 100

43 65.6 58.6 88.0

87 27.1 22.6 34.0

59 11.8 8.7 13.1

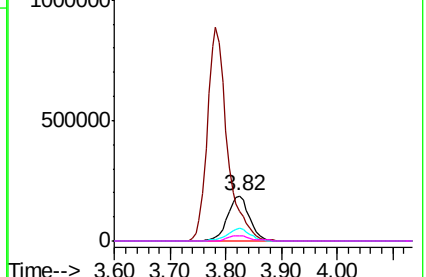
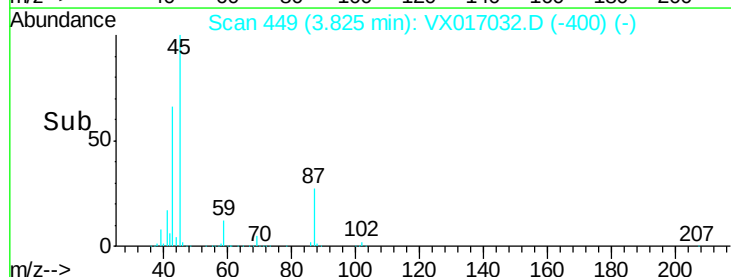


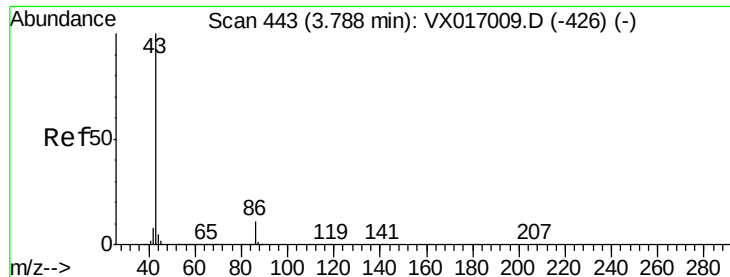
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 256.047 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

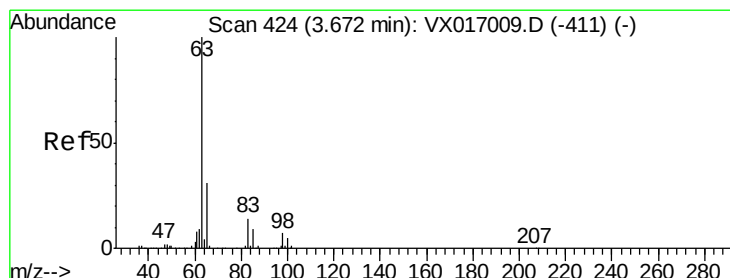
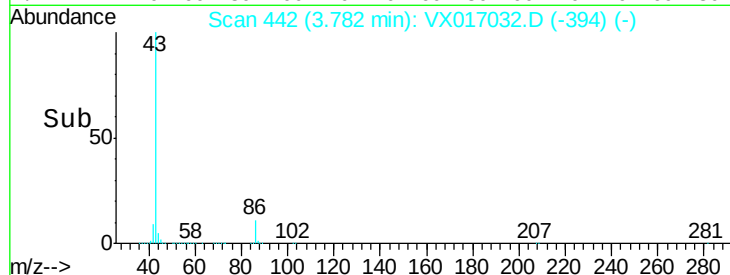
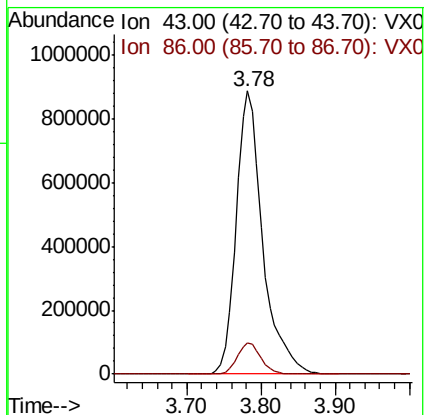
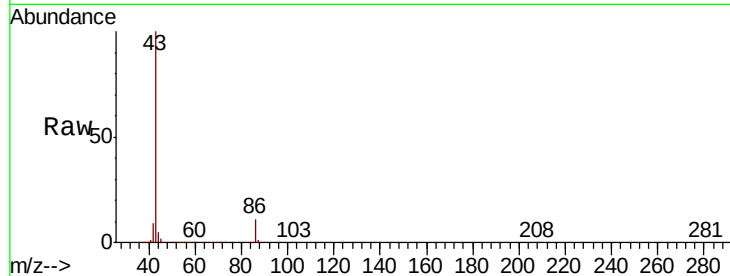
VSTDCCC050

Tot Ion: 43 Resp: 2215567

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



#24

1,1-Dichloroethane

Concen: 48.795 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

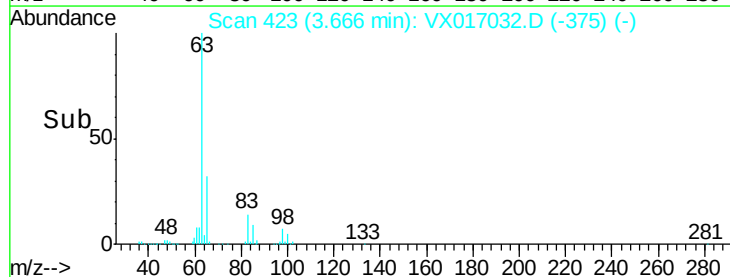
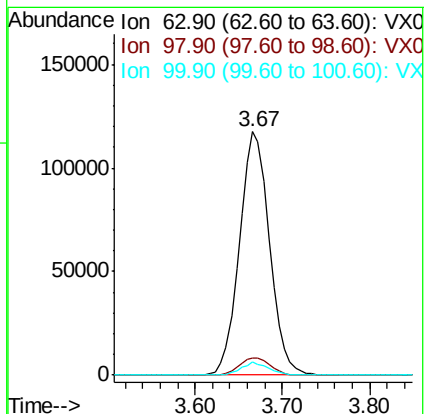
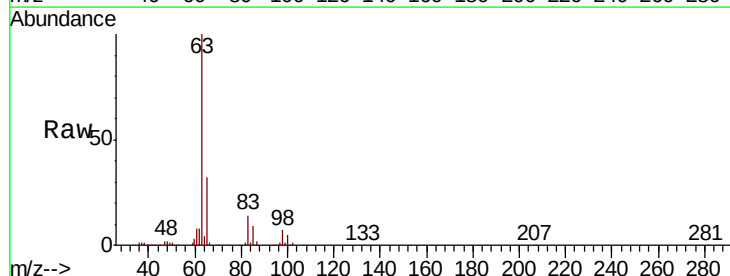
Tgt Ion: 63 Resp: 279576

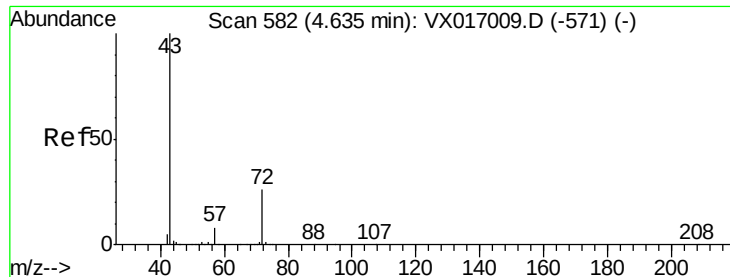
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 5.2 2.4 7.1





#25

2-Butanone

Concen: 227.841 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

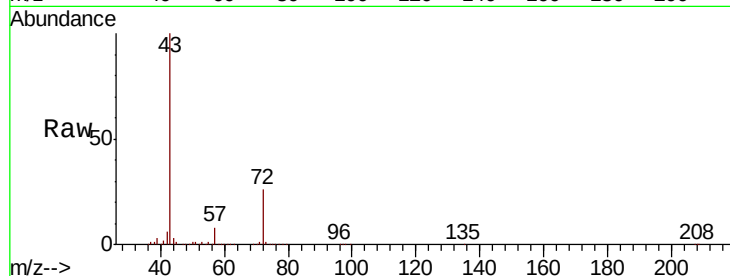
VSTDCCC050

Tot Ion: 43 Resp: 520976

Ion Ratio Lower Upper

43 100

72 26.3 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.63

200000

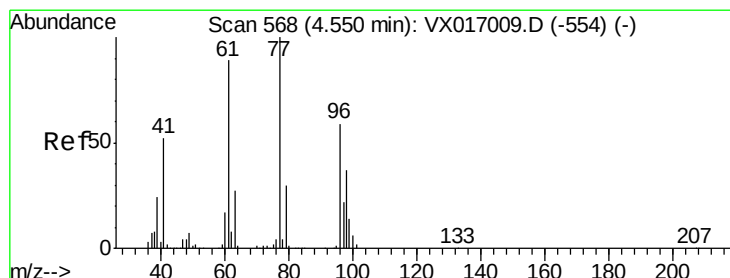
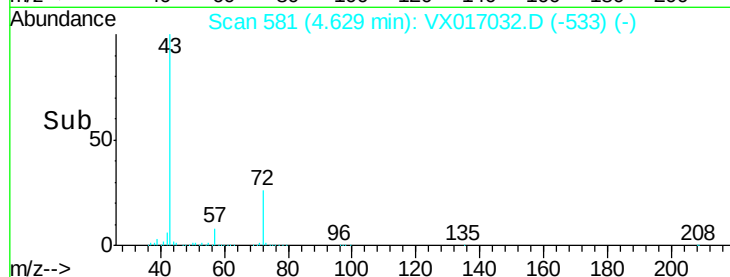
150000

100000

50000

0

Time--> 4.50 4.60 4.70



#26

2,2-Dichloropropane

Concen: 50.147 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017032.D

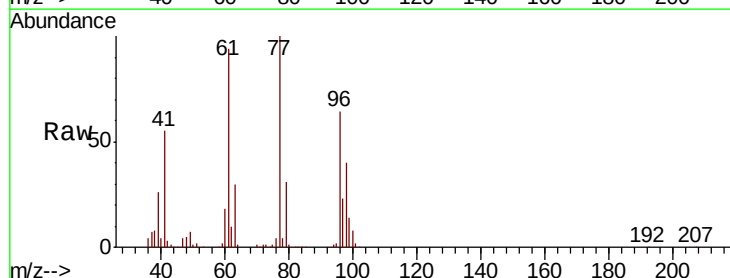
Acq: 30 Jun 2020 09:49

Tgt Ion: 77 Resp: 255117

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.55

80000

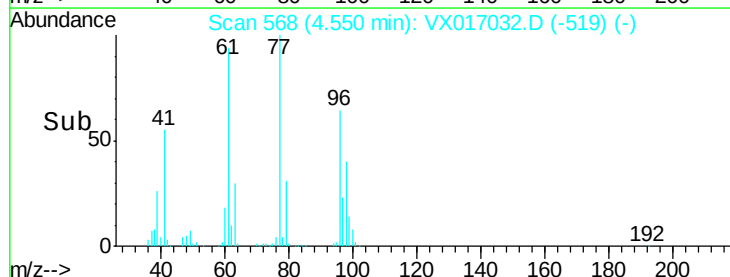
60000

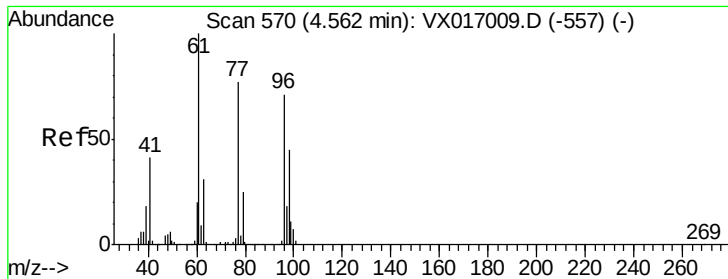
40000

20000

0

Time--> 4.40 4.50 4.60 4.70



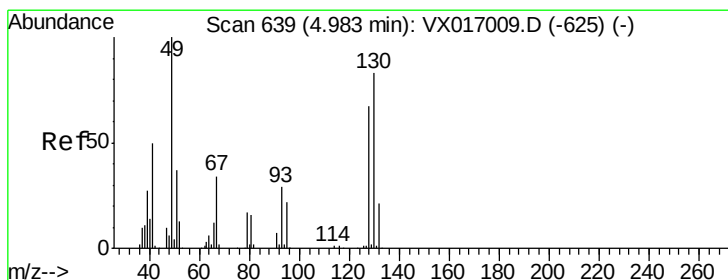
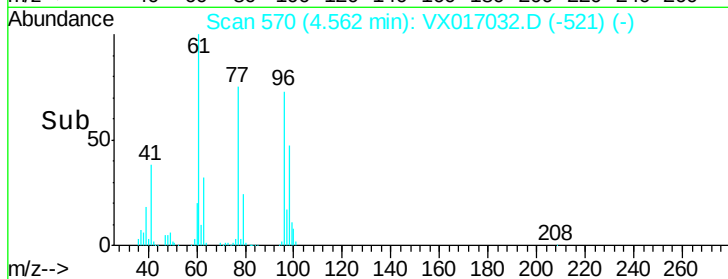
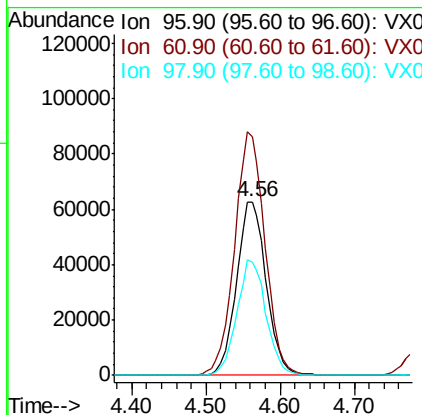
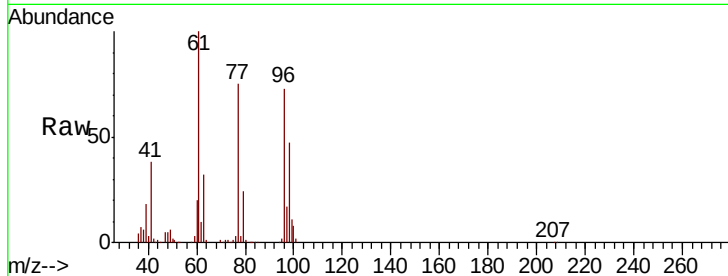


#27

cis-1,2-Dichloroethene
 Concen: 47.420 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

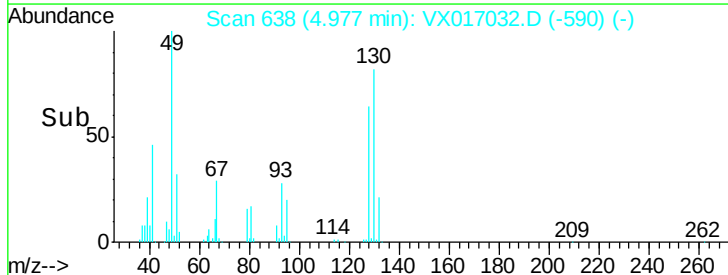
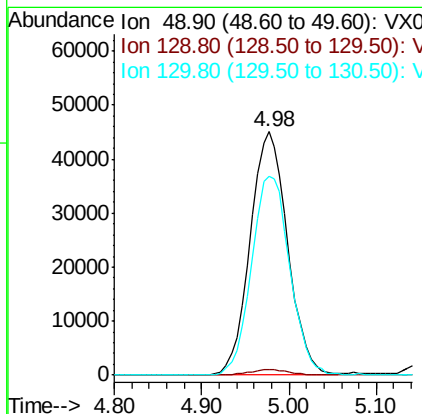
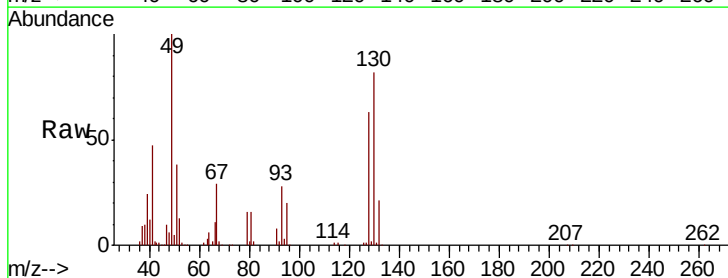
Tot Ion	96	Resp	17538
Ion Ratio	Lower	Upper	
96	100		
61	143.8	0.0	282.8
98	65.2	0.0	127.6

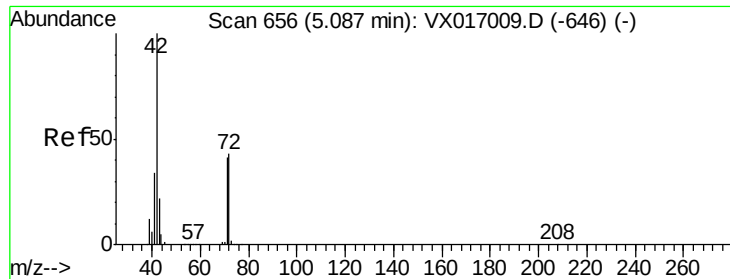


#28

Bromochloromethane
 Concen: 48.133 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Tgt Ion	49	Resp	134201
Ion Ratio	Lower	Upper	
49	100		
129	2.3	0.0	4.2
130	83.7	66.6	100.0





#29

Tetrahydrofuran

Concen: 234.613 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

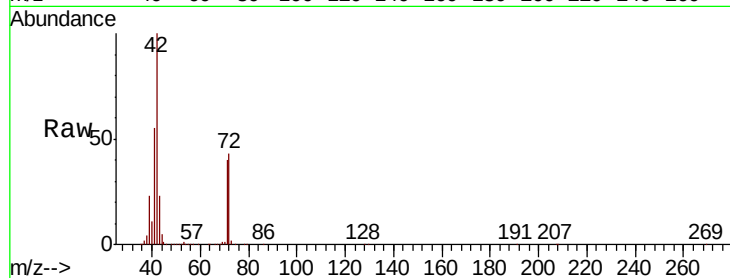
Tot Ion: 42 Resp: 354451

Ion Ratio Lower Upper

42 100

72 44.5 35.3 52.9

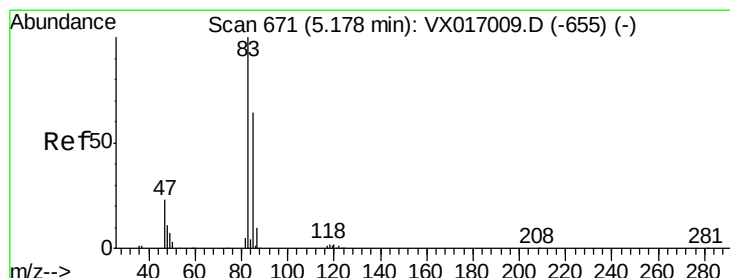
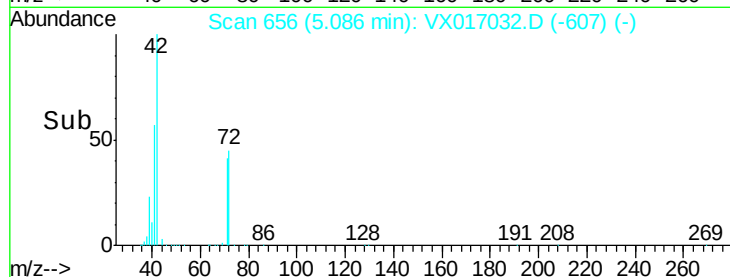
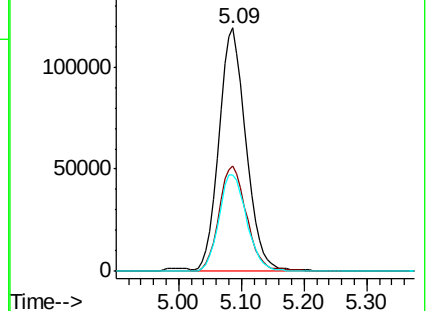
71 40.7 33.1 49.7



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: 49.340 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX017032.D

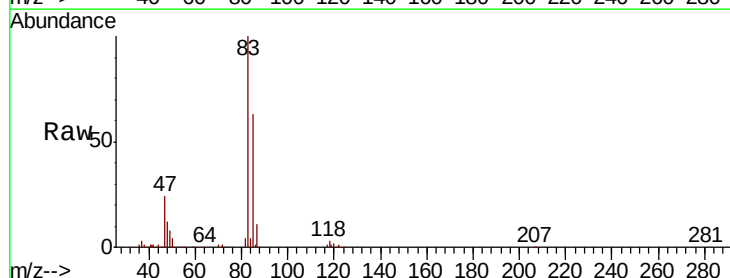
Acq: 30 Jun 2020 09:49

Tgt Ion: 83 Resp: 289795

Ion Ratio Lower Upper

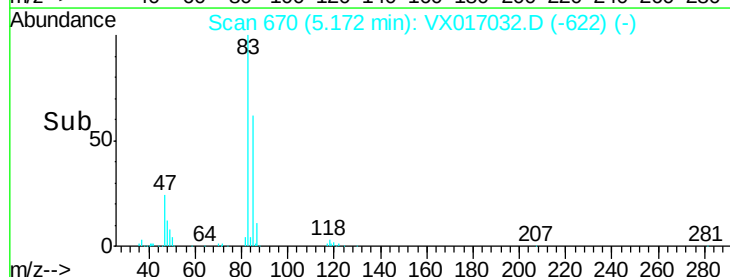
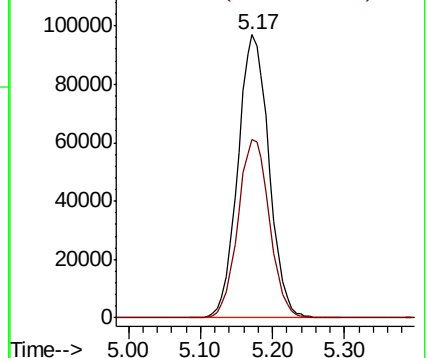
83 100

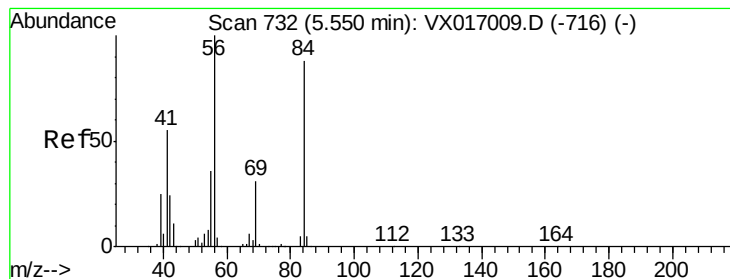
85 63.2 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 51.346 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

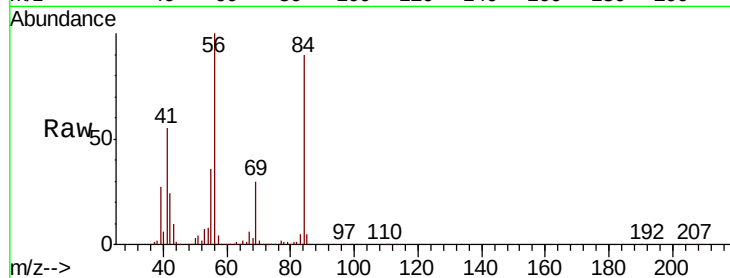
Tot Ion: 56 Resp: 254291

Ion Ratio Lower Upper

56 100

69 29.9 25.0 37.4

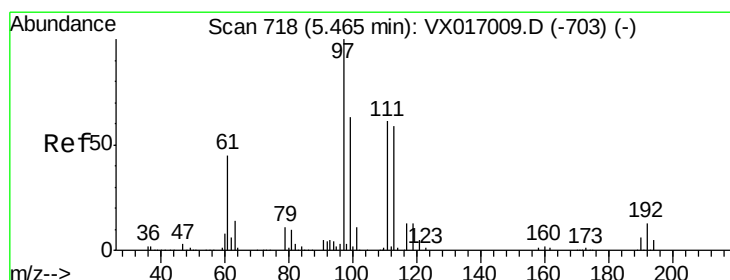
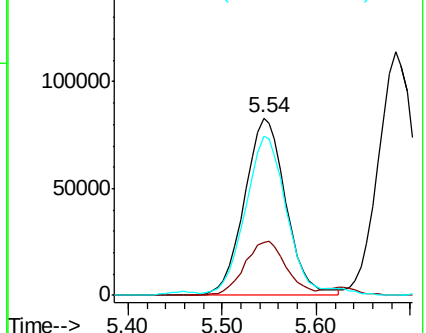
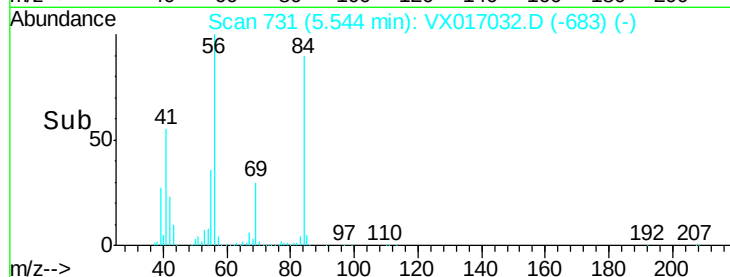
84 88.1 69.1 103.7



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: 48.593 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

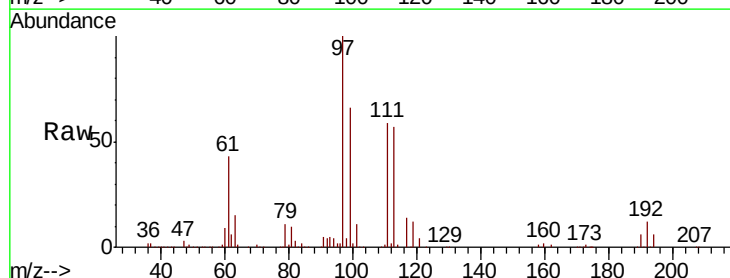
Tgt Ion: 97 Resp: 262849

Ion Ratio Lower Upper

97 100

99 65.1 50.8 76.2

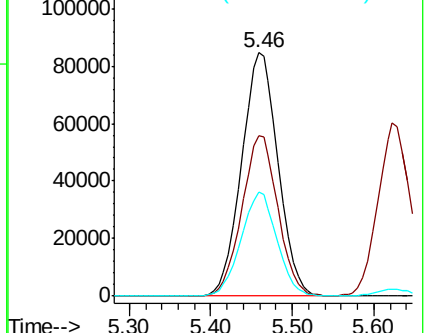
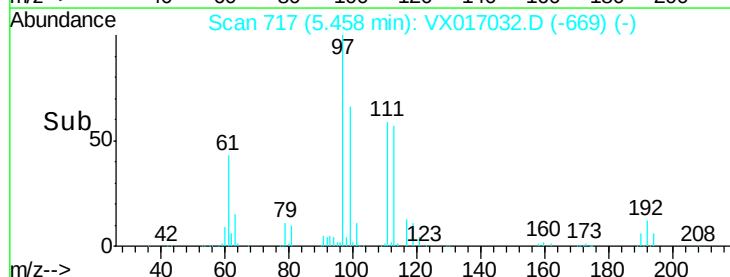
61 42.3 33.7 50.5

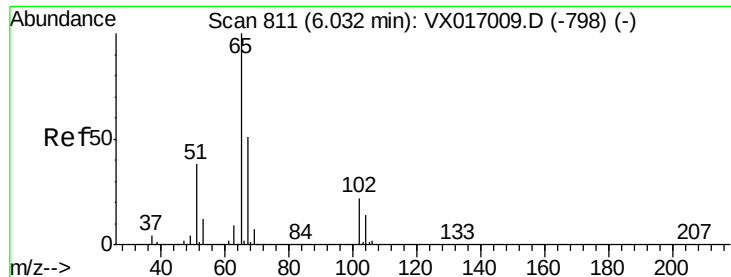


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.186 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

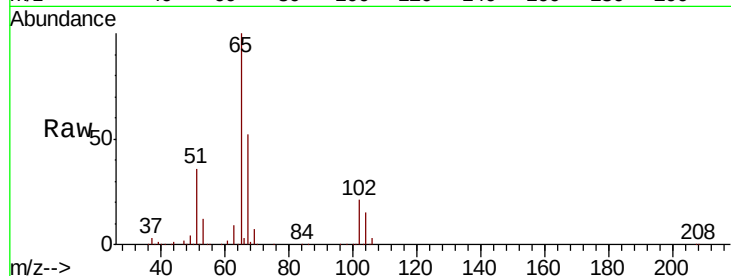
VSTDCCC050

Tot Ion: 65 Resp: 169426

Ion Ratio Lower Upper

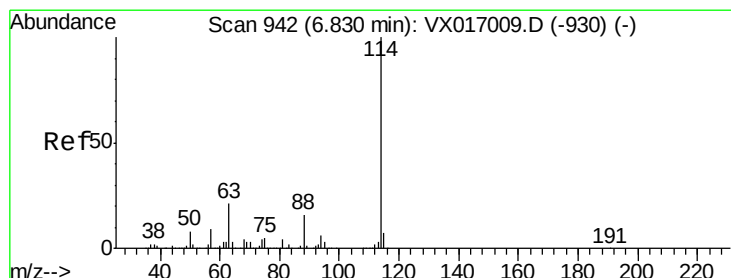
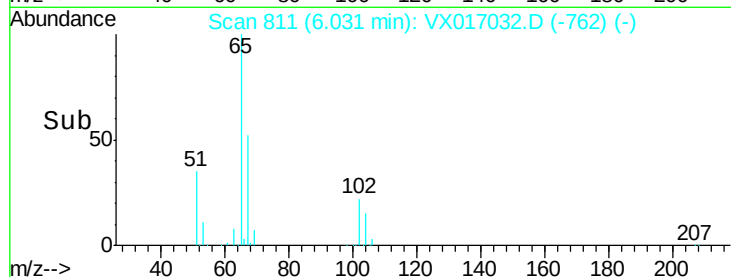
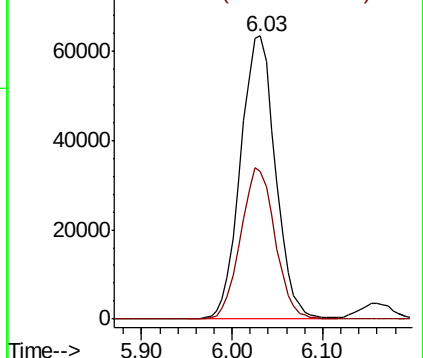
65 100

67 52.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

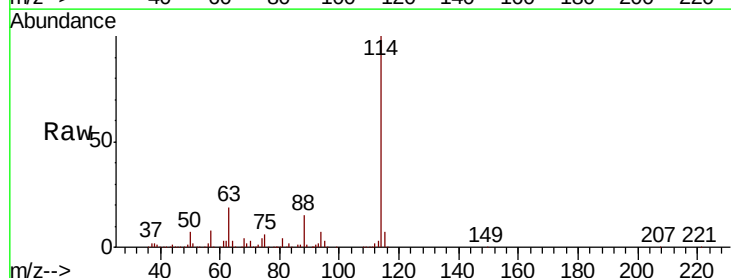
Tgt Ion: 114 Resp: 444379

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

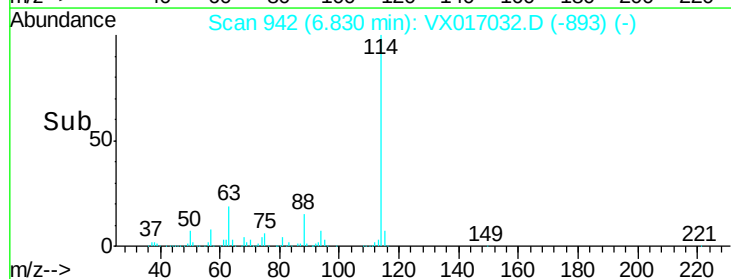
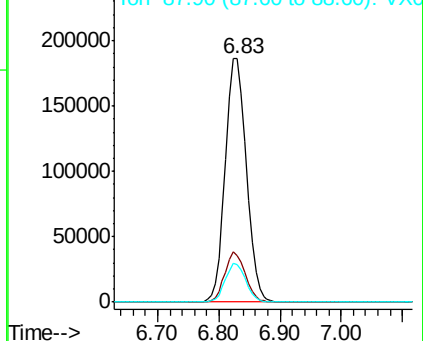
88 15.2 0.0 32.4

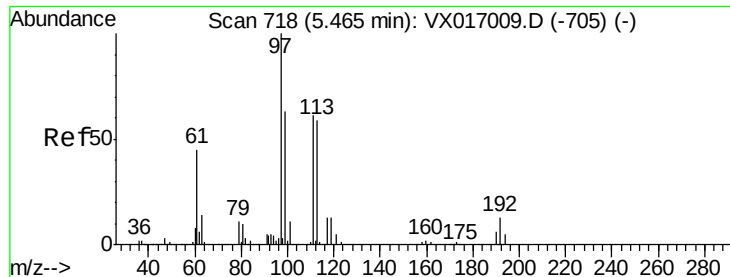


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.304 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

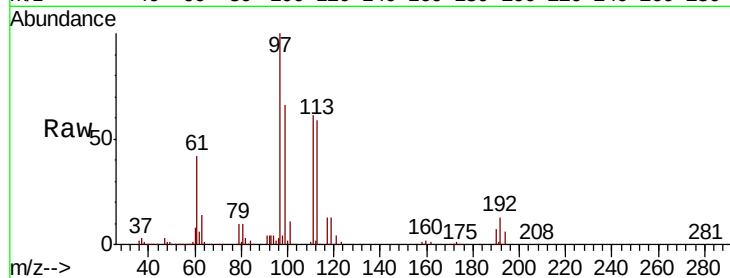
Tot Ion:113 Resp: 141405

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

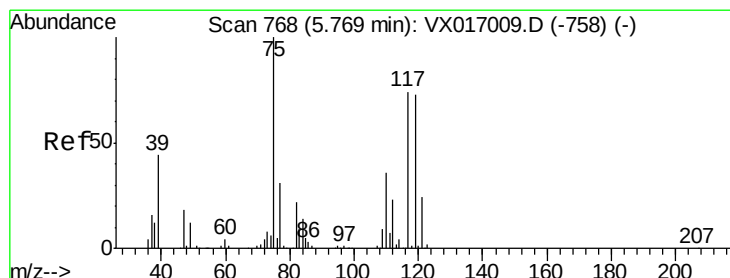
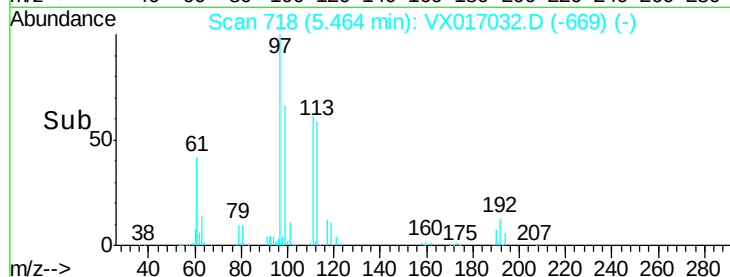
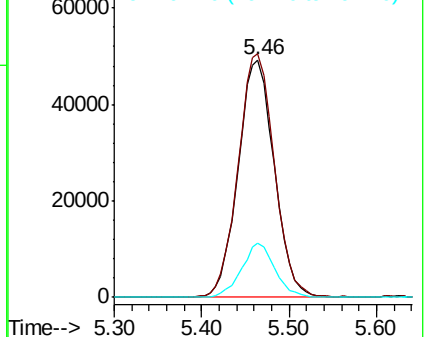
192 21.0 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.359 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

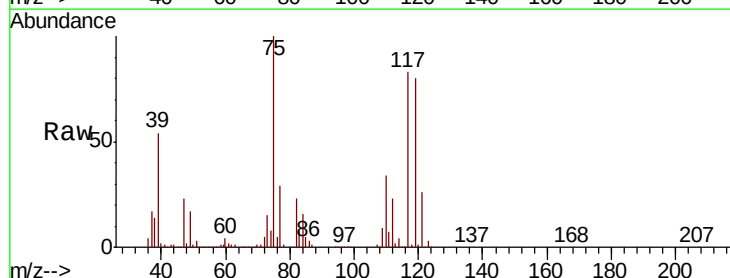
Tgt Ion: 75 Resp: 219902

Ion Ratio Lower Upper

75 100

110 36.7 18.1 54.1

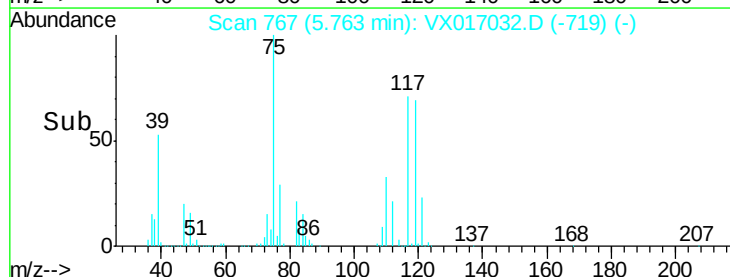
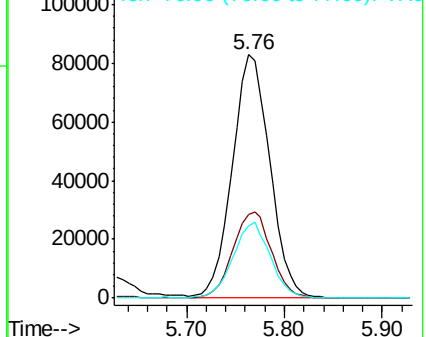
77 30.9 24.6 37.0

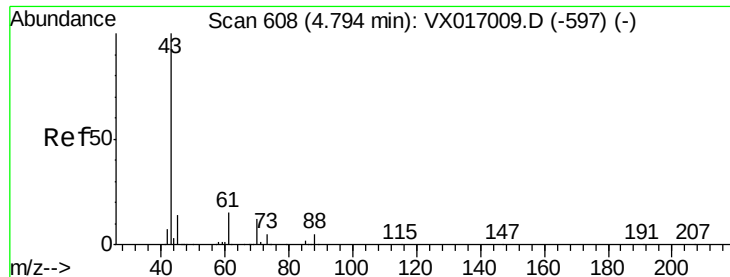


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

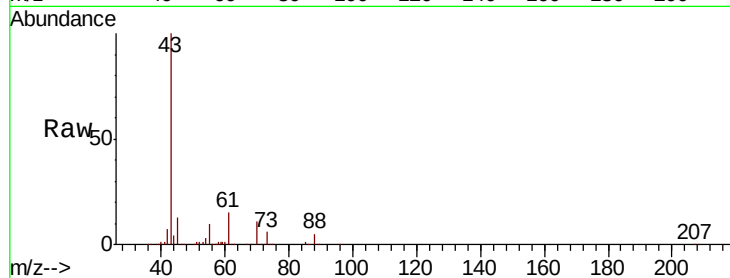




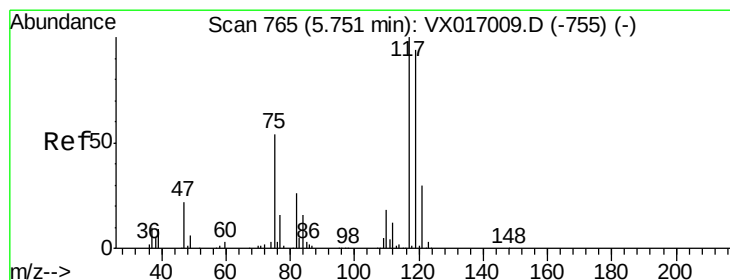
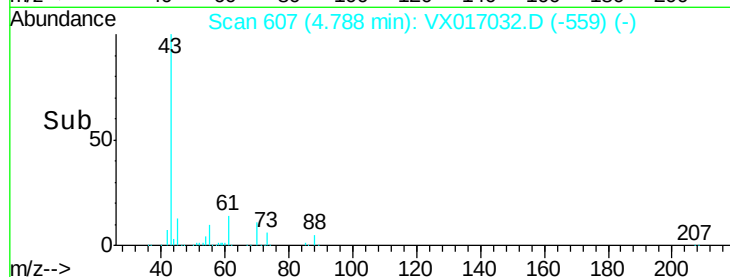
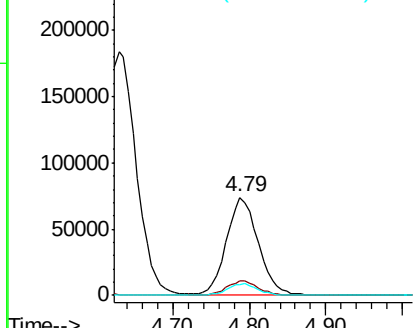
#37
Ethyl Acetate
Concen: 49.957 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 212881
Ion Ratio Lower Upper
43 100
61 14.3 11.0 16.4
70 11.5 8.9 13.3

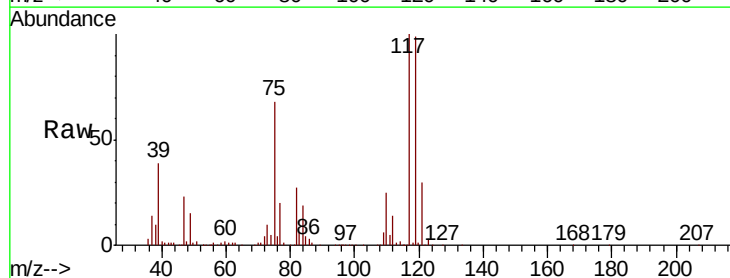


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

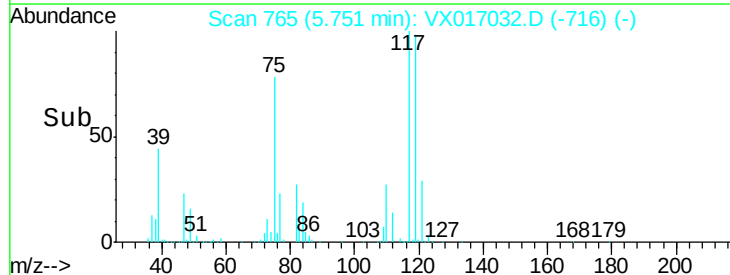
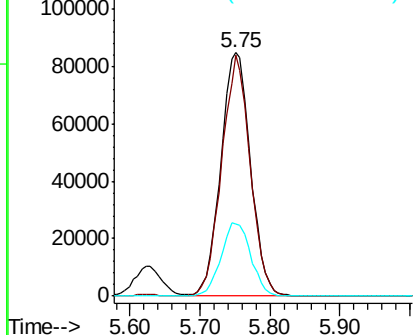


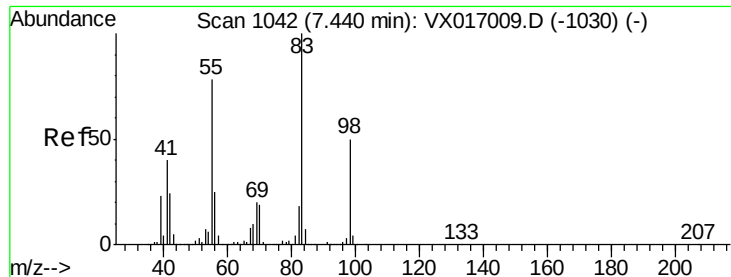
#38
Carbon Tetrachloride
Concen: 53.987 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion: 117 Resp: 249740
Ion Ratio Lower Upper
117 100
119 99.0 75.4 113.0
121 29.7 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

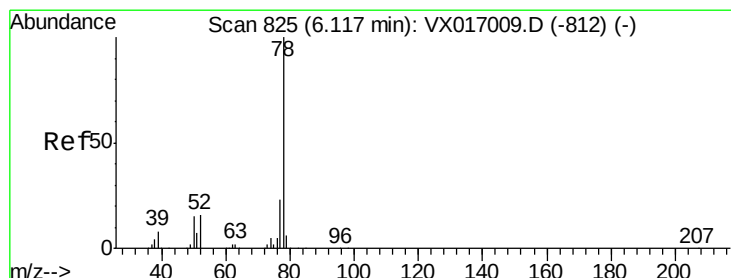
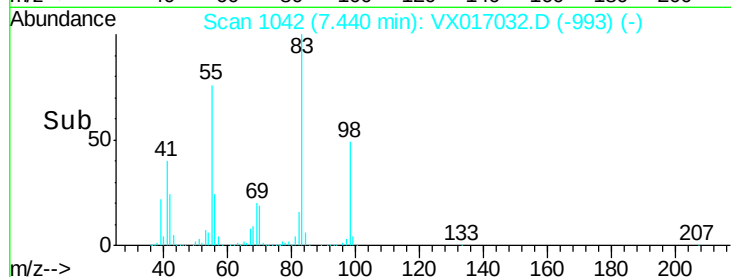
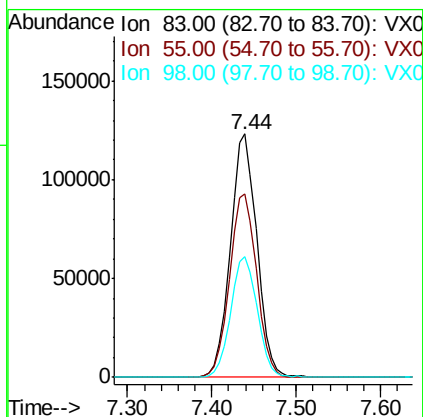
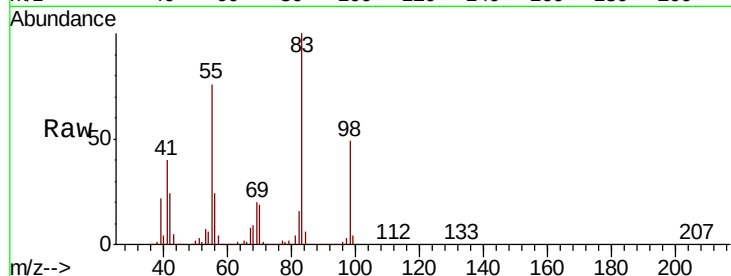




#39
Methylvlcyclohexane
Concen: 55.993 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

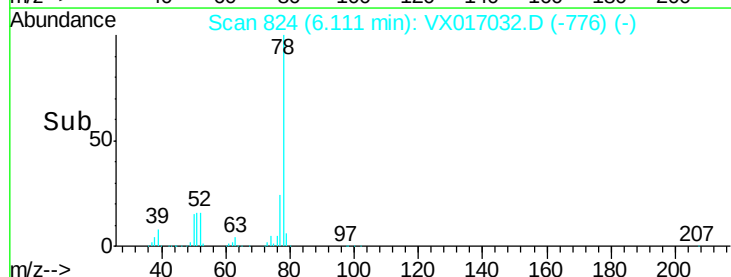
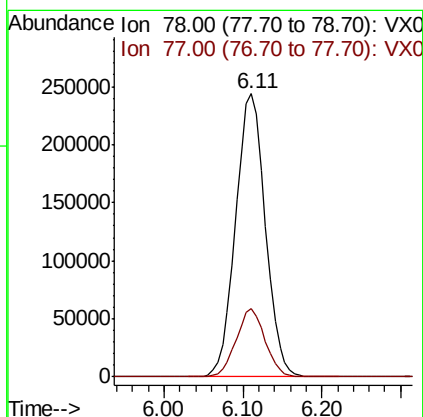
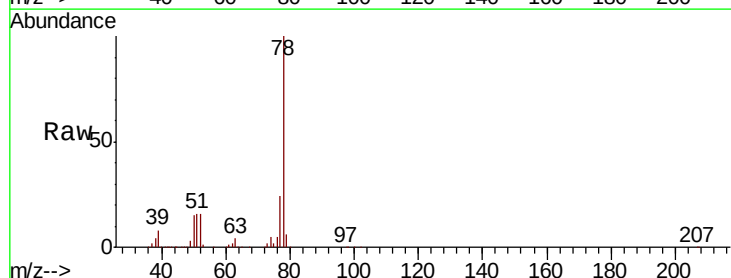
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

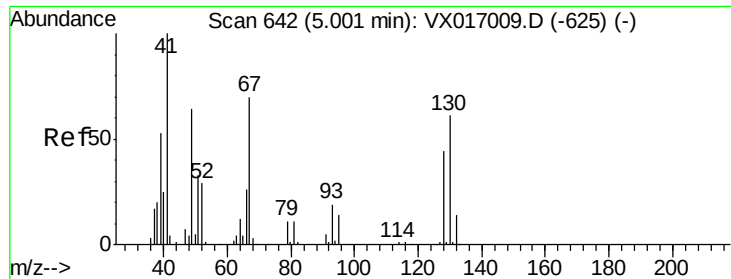
Tot Ion: 83 Resp: 261654
Ion Ratio Lower Upper
83 100
55 75.5 62.5 93.7
98 49.5 40.1 60.1



#40
Benzene
Concen: 51.804 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion: 78 Resp: 639261
Ion Ratio Lower Upper
78 100
77 24.3 18.3 27.5





#41

Methacrylonitrile

Concen: 50.952 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 122200

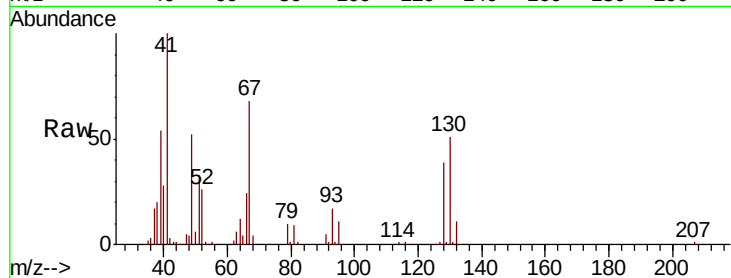
Ion Ratio Lower Upper

41 100

39 53.0 44.4 66.6

67 69.8 57.1 85.7

52 28.4 23.2 34.8

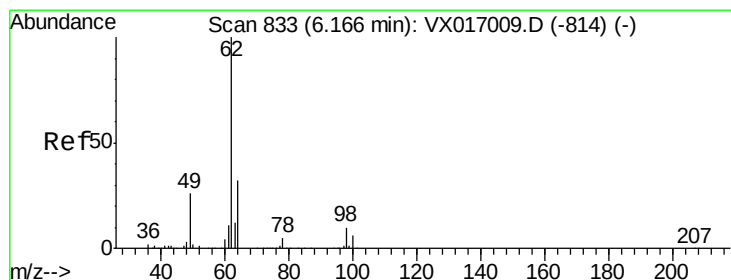
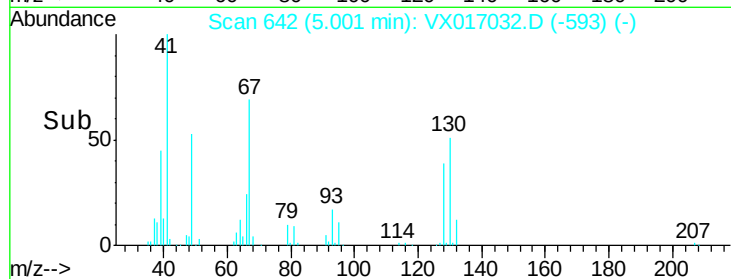
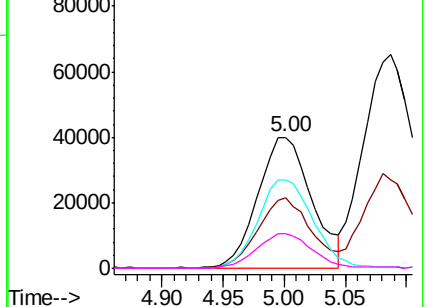


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.359 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017032.D

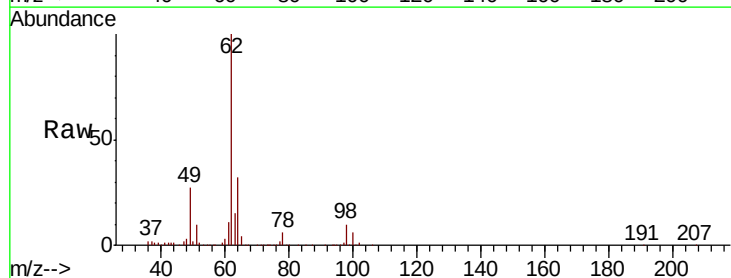
Acq: 30 Jun 2020 09:49

Tgt Ion: 62 Resp: 228925

Ion Ratio Lower Upper

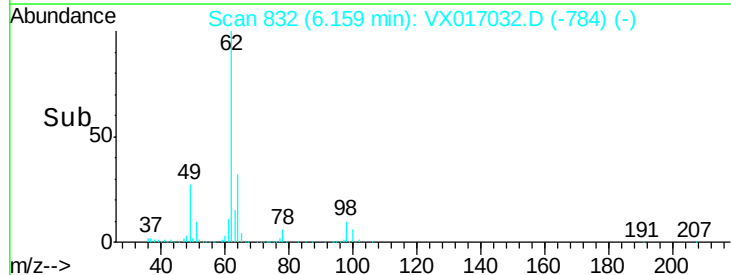
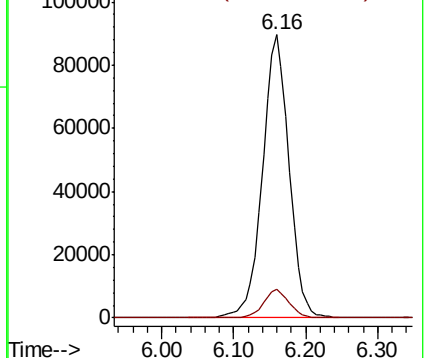
62 100

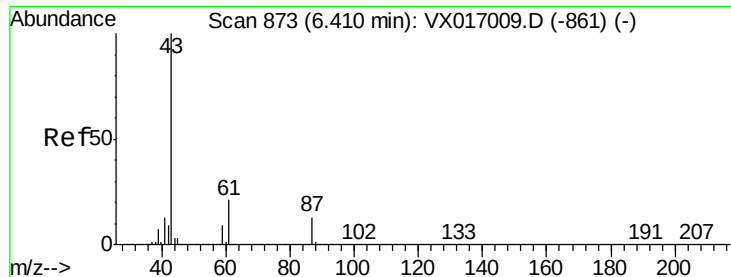
98 9.7 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.659 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

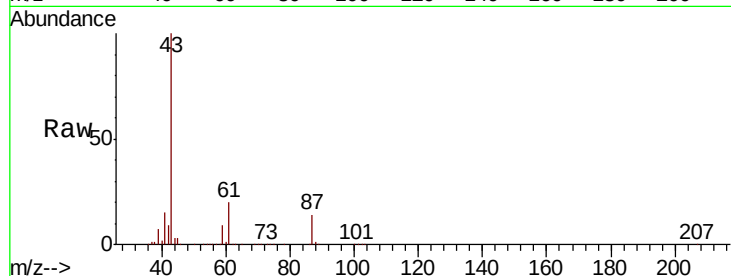
Tot Ion: 43 Resp: 351636

Ion Ratio Lower Upper

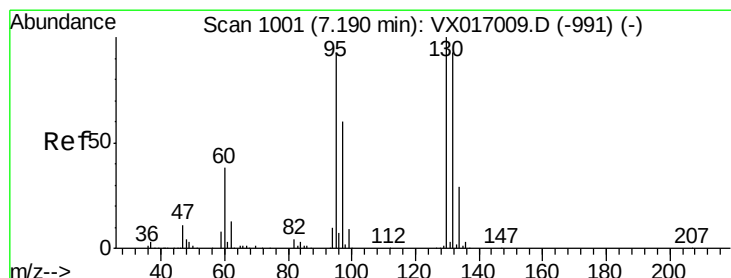
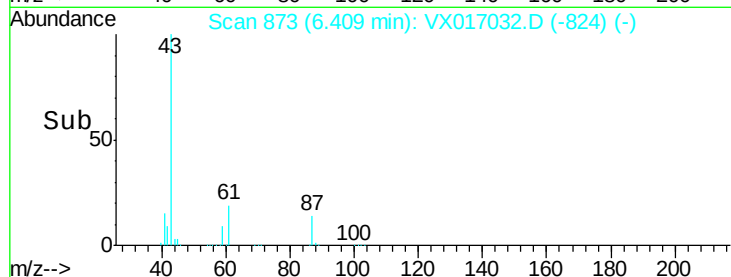
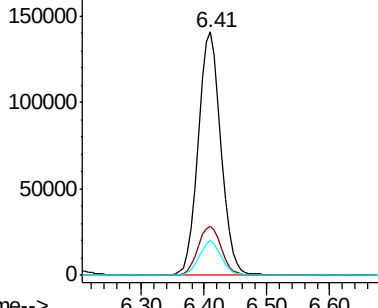
43 100

61 20.8 16.2 24.2

87 13.7 10.7 16.1



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



#44

Trichloroethene

Concen: 54.761 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017032.D

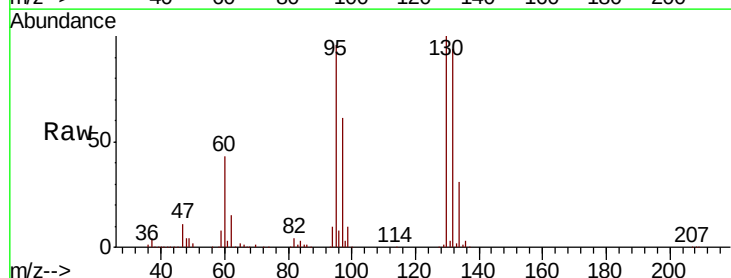
Acq: 30 Jun 2020 09:49

Tgt Ion:130 Resp: 186373

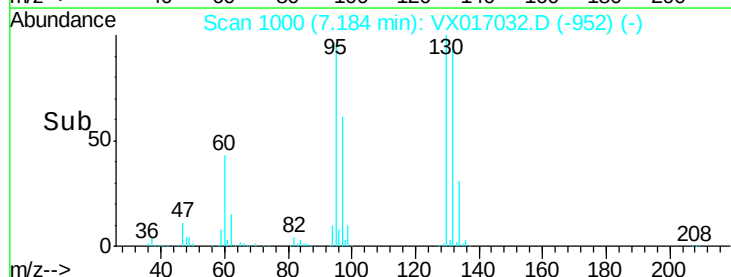
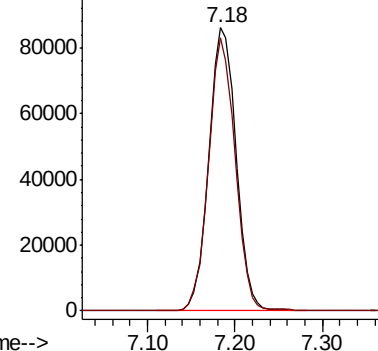
Ion Ratio Lower Upper

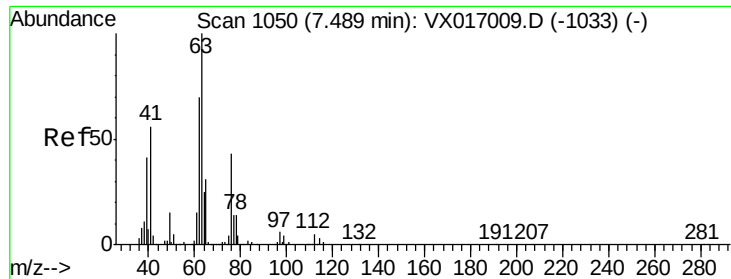
130 100

95 96.3 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

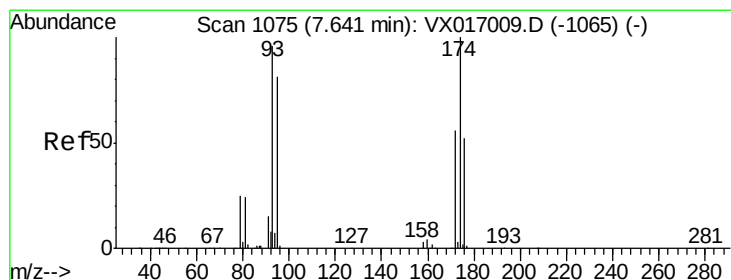
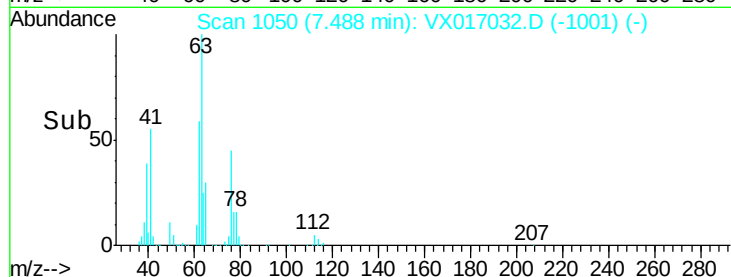
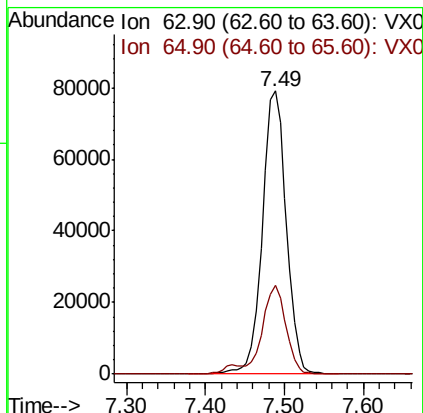
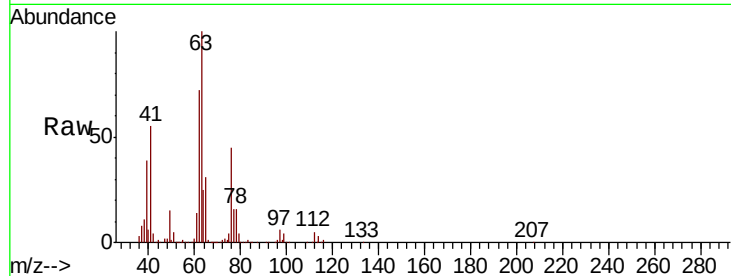




#45
 1,2-Dichloropropane
 Concen: 52.526 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

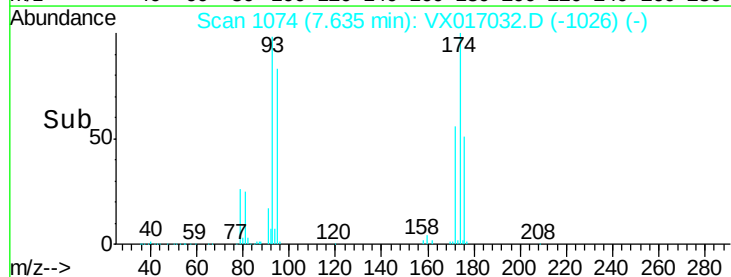
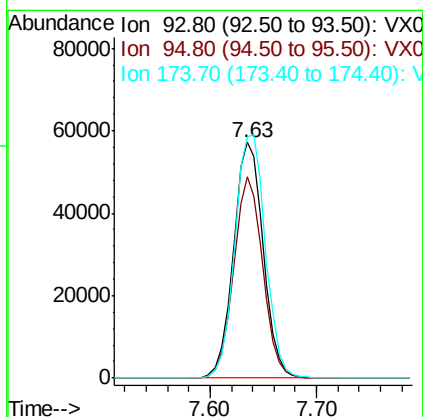
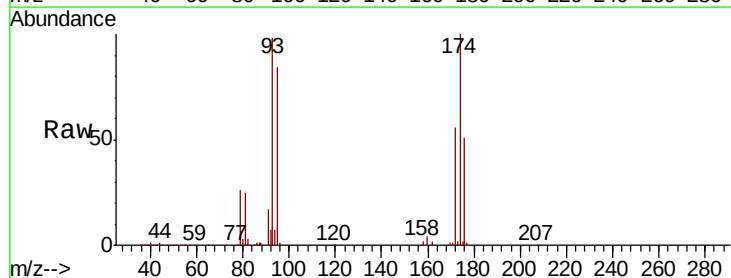
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

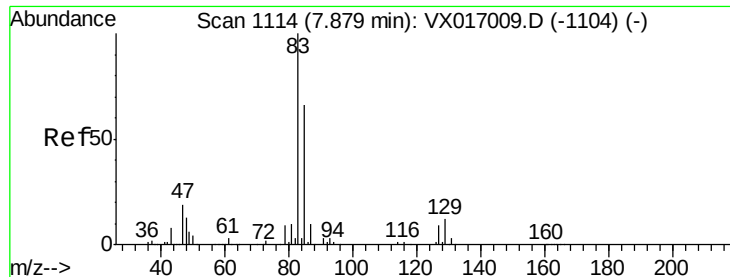
Tot Ion: 63 Resp: 166478
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.6 36.8



#46
 Dibromomethane
 Concen: 51.754 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Tgt Ion: 93 Resp: 111989
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.4 101.0
 174 106.6 84.3 126.5





#47

Bromodichloromethane

Concen: 52.762 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

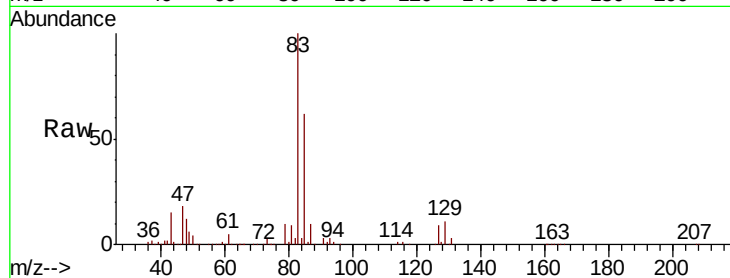
Tot Ion: 83 Resp: 235280

Ion Ratio Lower Upper

83 100

85 62.1 53.0 79.4

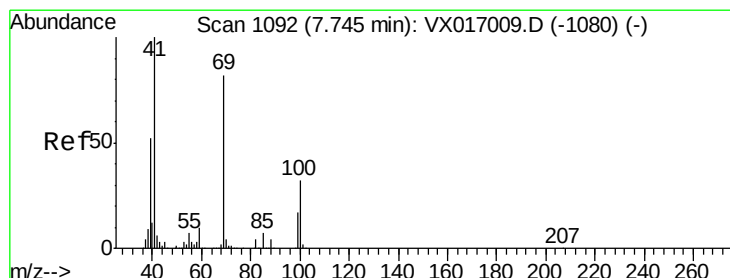
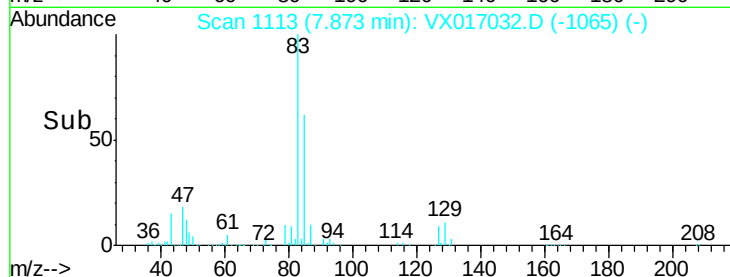
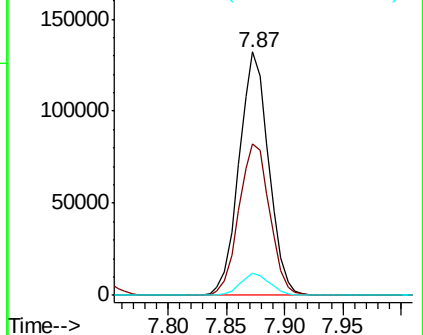
127 9.1 7.5 11.3



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: 52.194 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

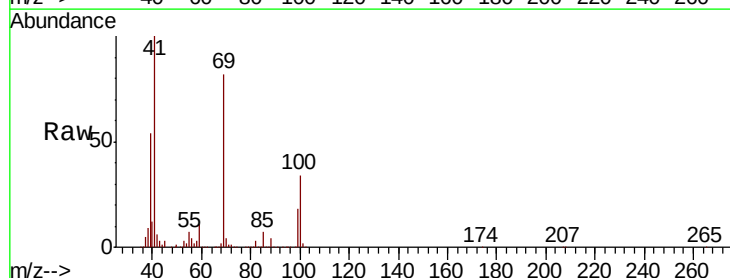
Tgt Ion: 41 Resp: 175589

Ion Ratio Lower Upper

41 100

69 82.6 65.8 98.8

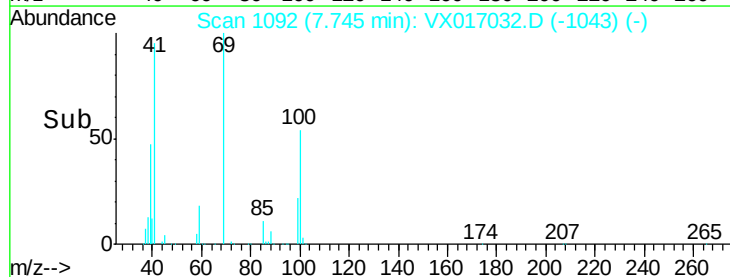
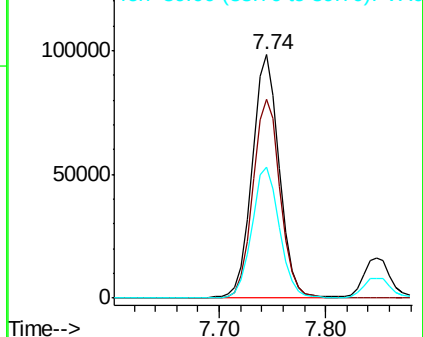
39 54.6 42.5 63.7

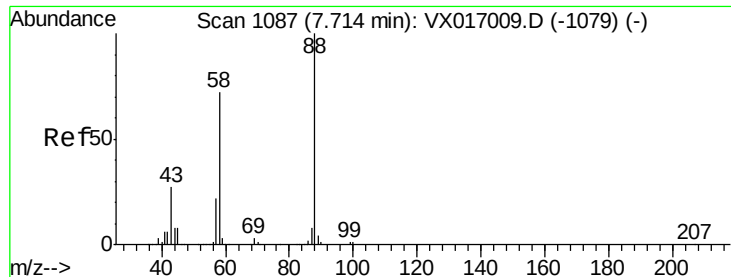


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 991.485 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

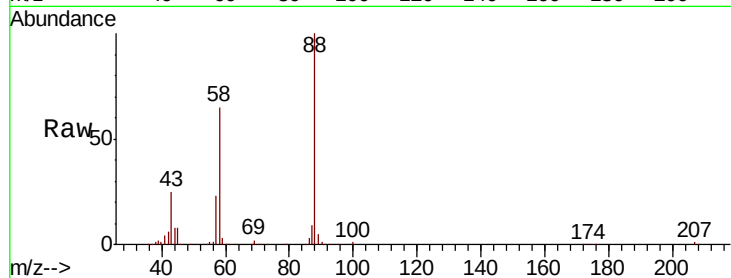
Tot Ion: 88 Resp: 75565

Ion Ratio Lower Upper

88 100

43 31.8 25.8 38.8

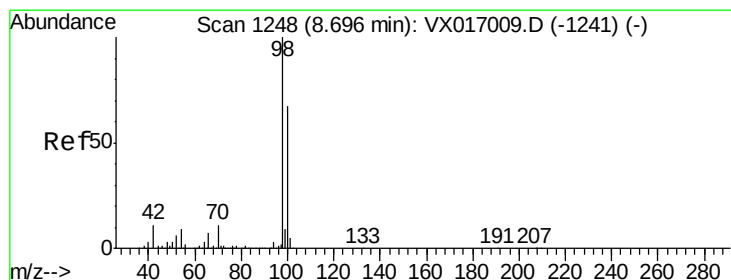
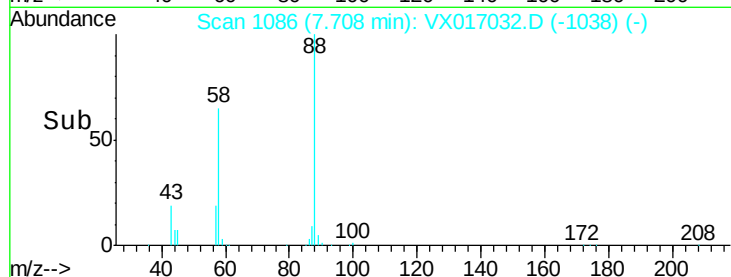
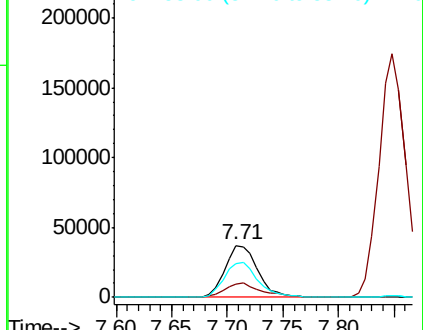
58 69.5 54.8 82.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.056 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017032.D

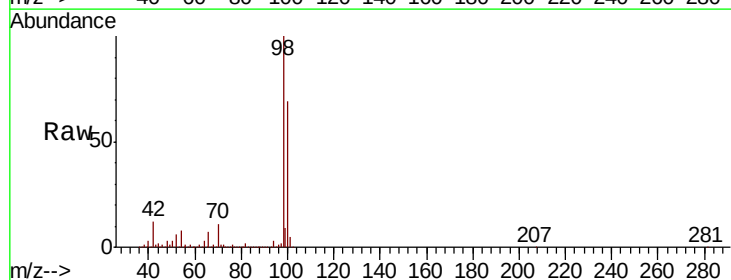
Acq: 30 Jun 2020 09:49

Tgt Ion: 98 Resp: 520307

Ion Ratio Lower Upper

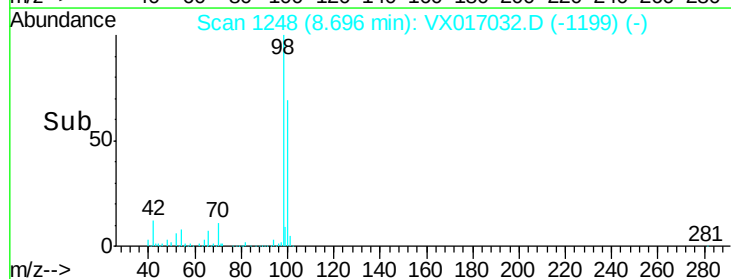
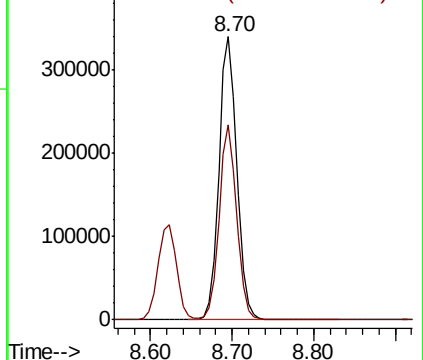
98 100

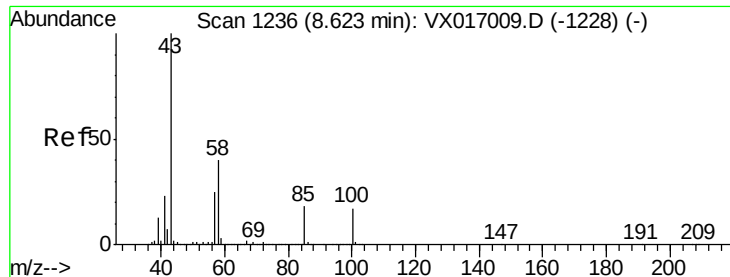
100 67.4 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 256.496 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

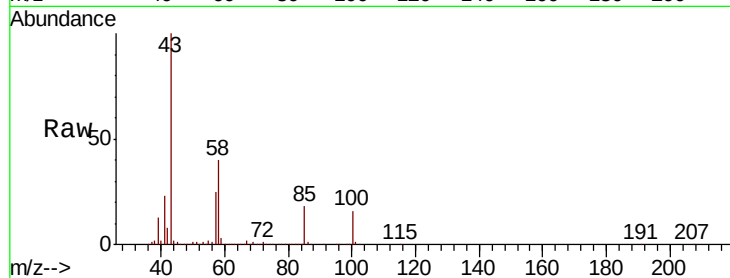
VSTDCCC050

Tot Ion: 43 Resp: 1082666

Ion Ratio Lower Upper

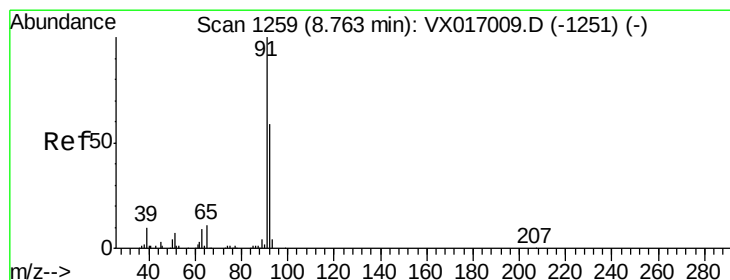
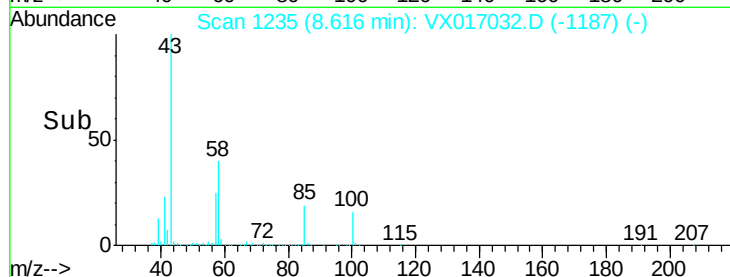
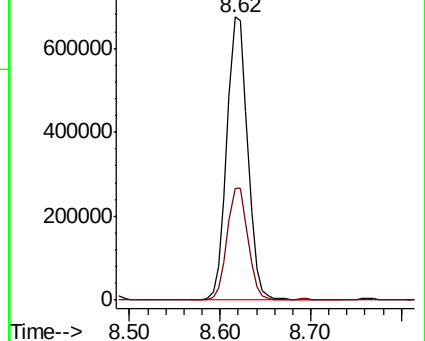
43 100

58 39.6 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: 53.034 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017032.D

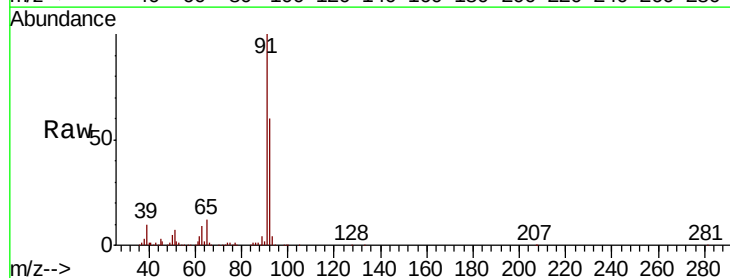
Acq: 30 Jun 2020 09:49

Tgt Ion: 92 Resp: 408597

Ion Ratio Lower Upper

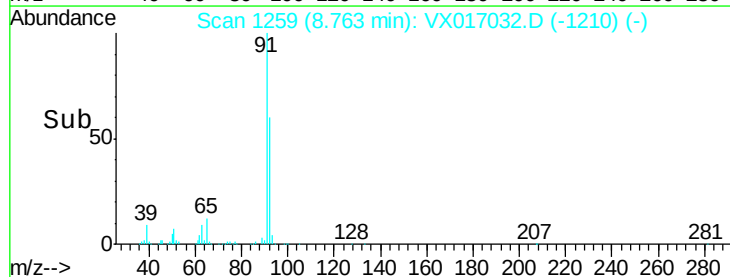
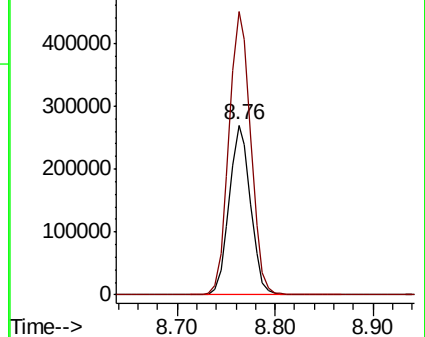
92 100

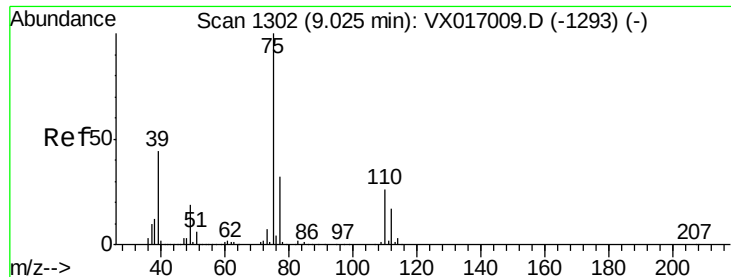
91 170.7 136.9 205.3



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: 52.309 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

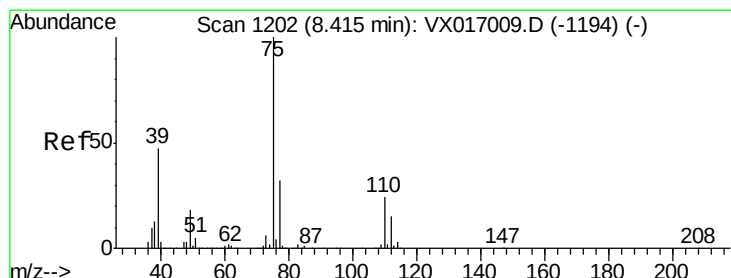
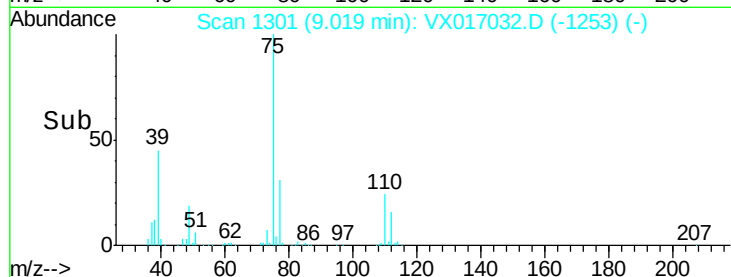
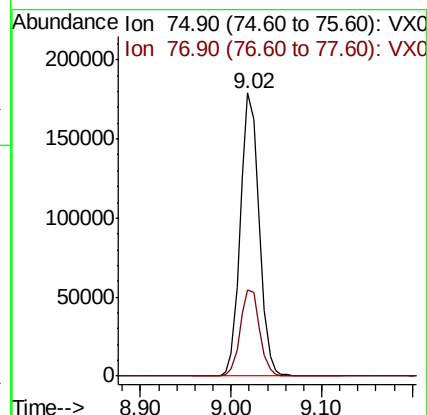
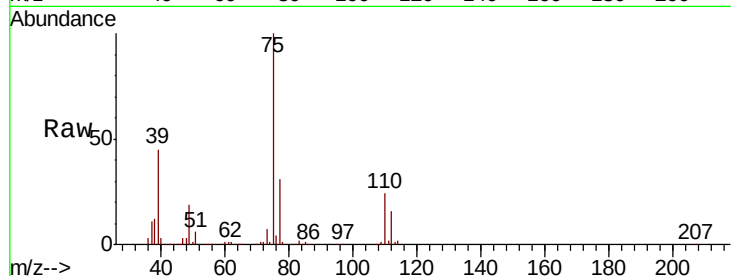
VSTDCCC050

Tot Ion: 75 Resp: 257364

Ion Ratio Lower Upper

75 100

77 30.6 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 52.912 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

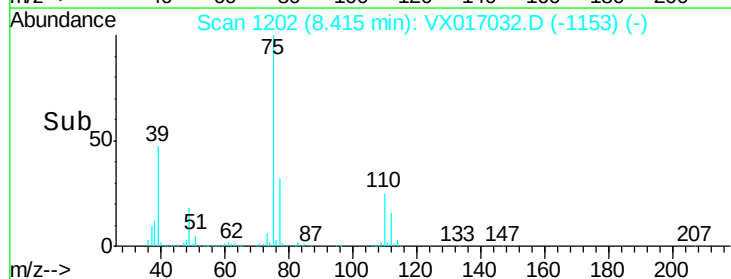
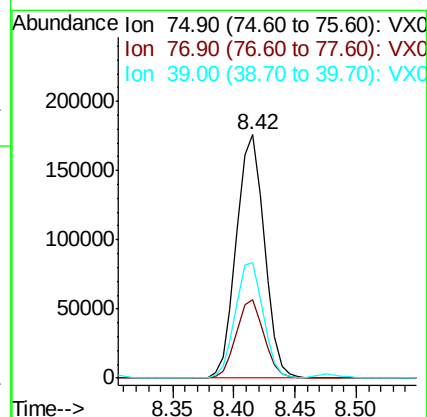
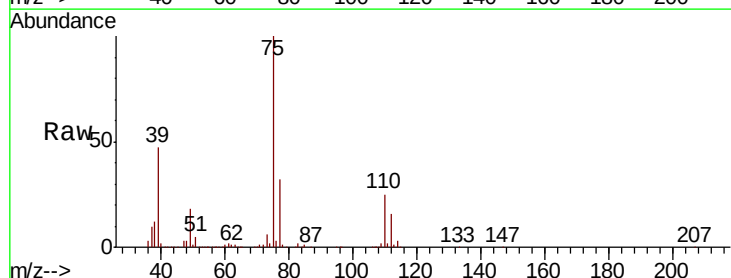
Tgt Ion: 75 Resp: 279075

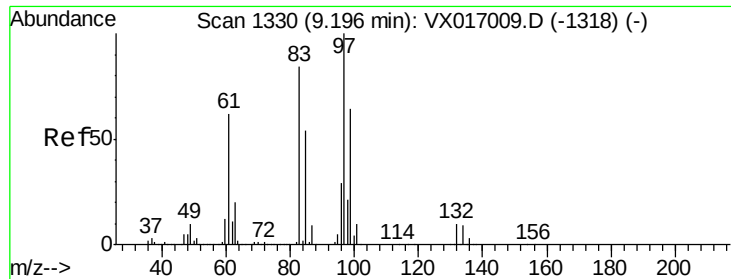
Ion Ratio Lower Upper

75 100

77 32.2 25.2 37.8

39 47.1 37.4 56.2

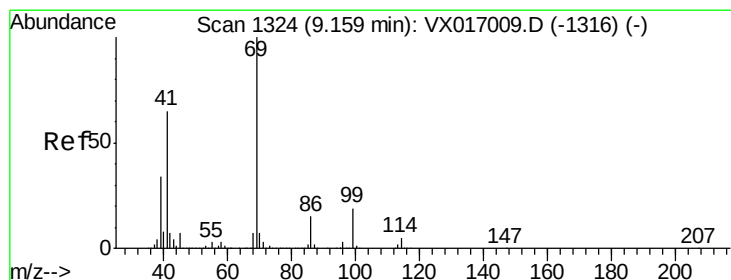
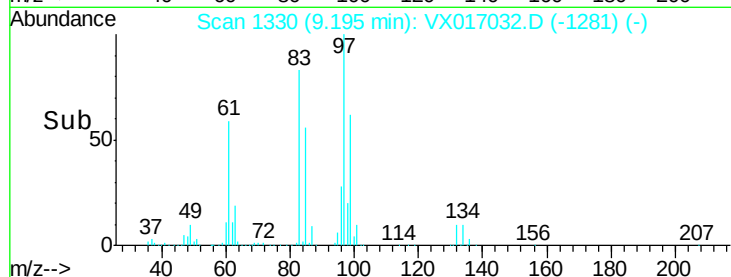
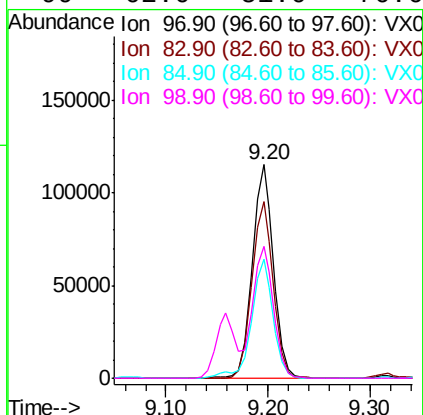
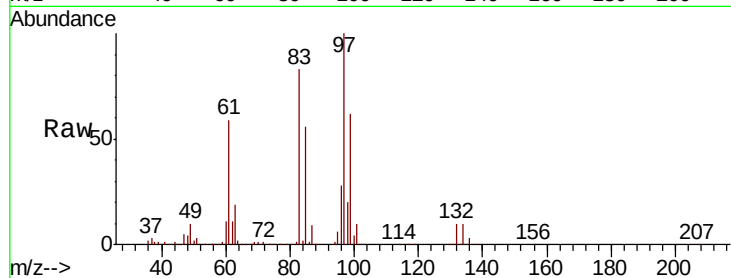




#55
 1,1,2-Trichloroethane
 Concen: 52.994 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

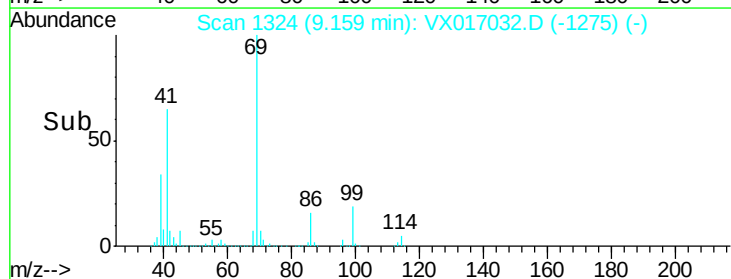
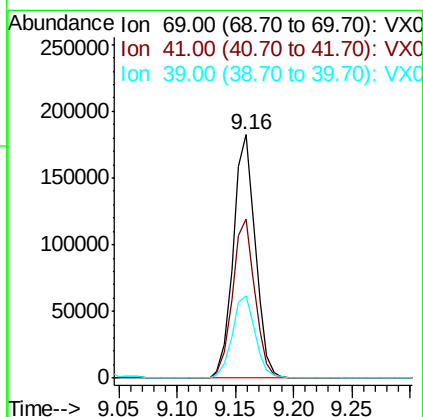
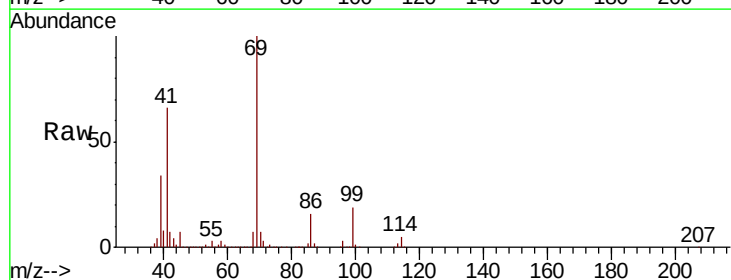
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

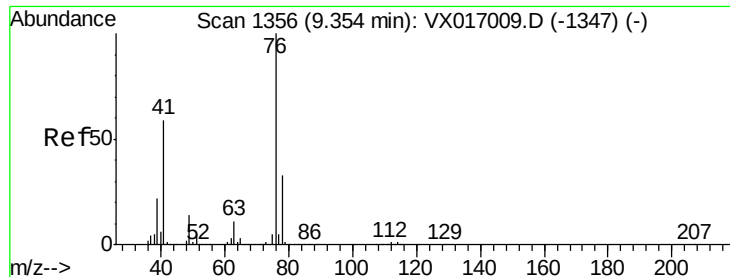
Tot Ion:	97	Resp:	166815
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.0	100.6
85	55.7	43.5	65.3
99	62.0	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 53.968 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Tgt Ion:	69	Resp:	241799
Ion	Ratio	Lower	Upper
69	100		
41	66.3	53.6	80.4
39	34.9	28.2	42.2





#57

1,3-Dichloropropane

Concen: 51.584 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

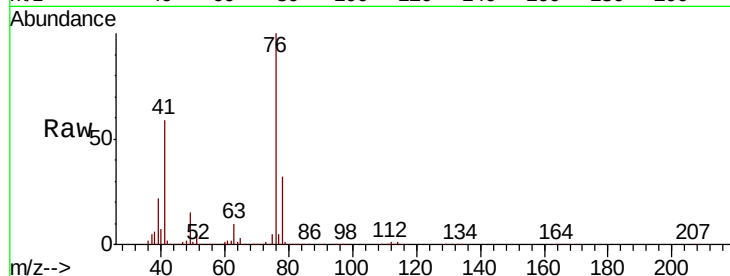
VSTDCCC050

Tot Ion: 76 Resp: 274759

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

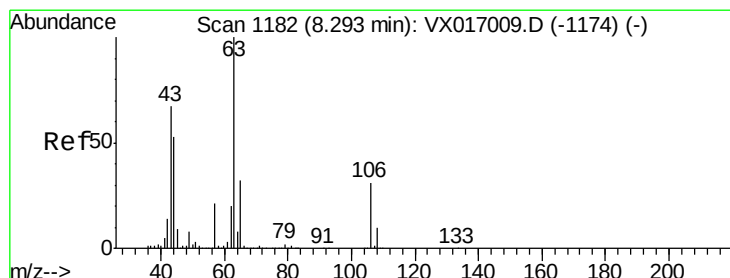
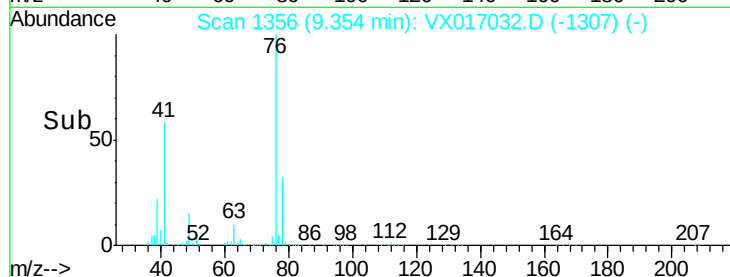
150000

100000

50000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 296.004 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017032.D

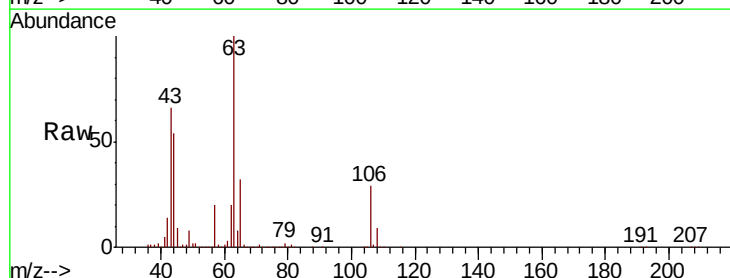
Acq: 30 Jun 2020 09:49

Tgt Ion: 63 Resp: 660041

Ion Ratio Lower Upper

63 100

106 29.8 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

500000

400000

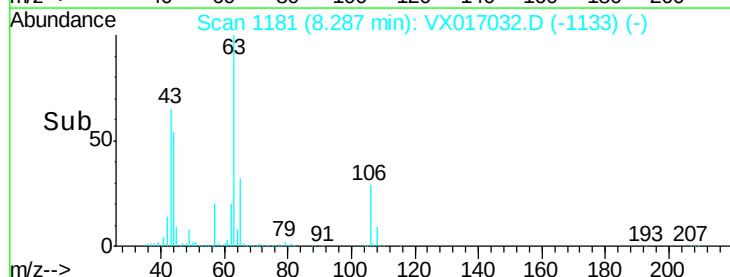
300000

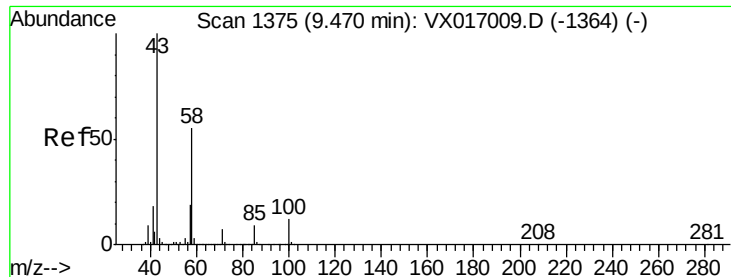
200000

100000

0

Time--> 8.20 8.25 8.30 8.35 8.40

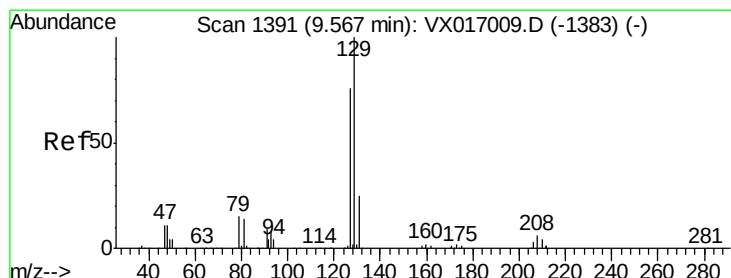
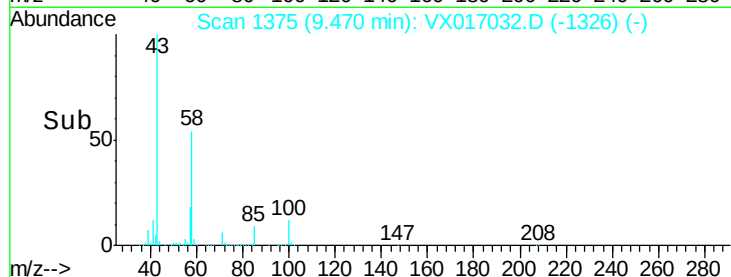
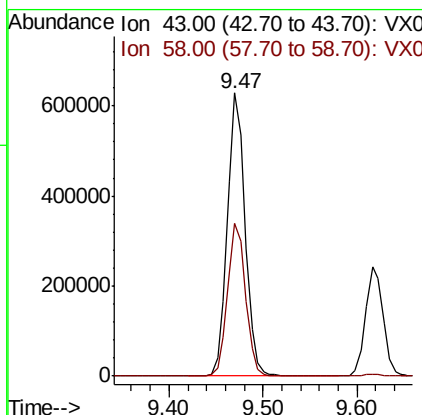
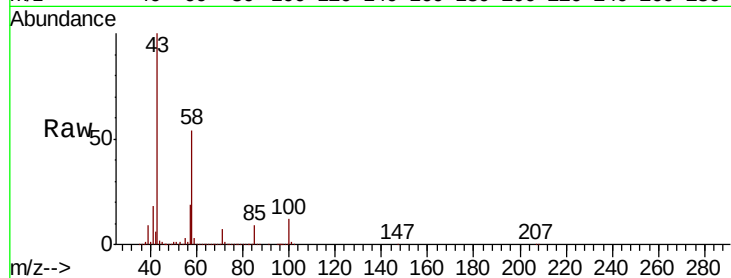




#59
2-Hexanone
Concen: 266.657 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

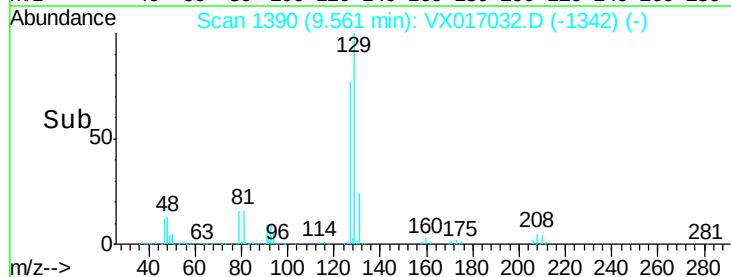
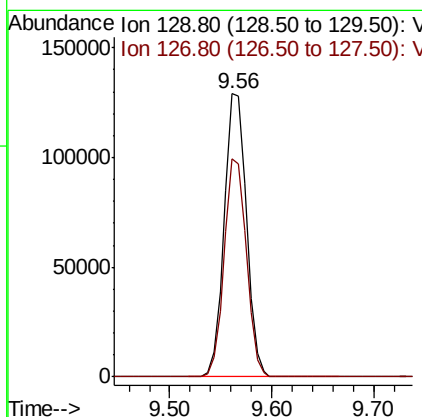
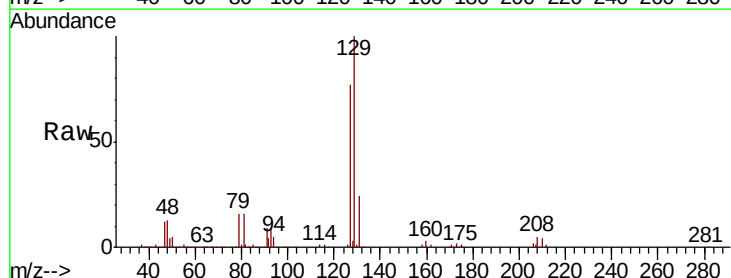
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

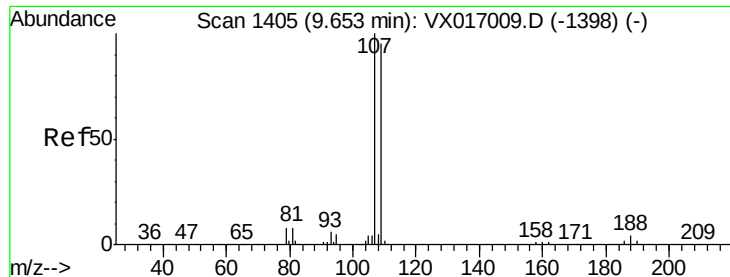
Tot Ion: 43 Resp: 822031
Ion Ratio Lower Upper
43 100
58 54.7 27.9 83.6



#60
Dibromochloromethane
Concen: 53.408 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion: 129 Resp: 195264
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 52.243 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

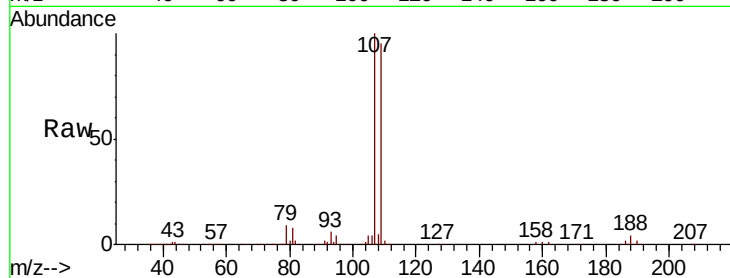
VSTDCCC050

Tot Ion:107 Resp: 176768

Ion Ratio Lower Upper

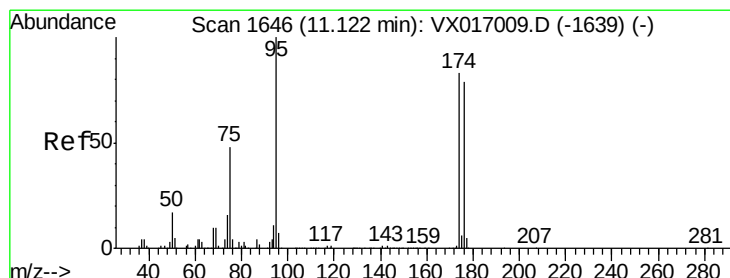
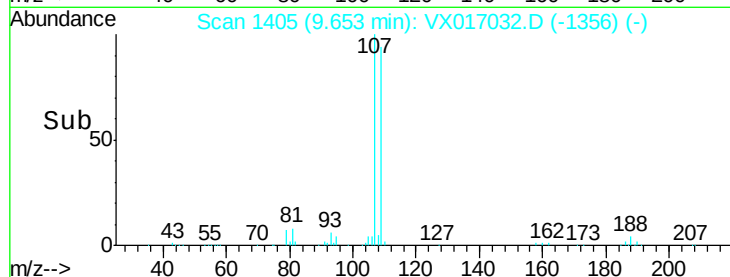
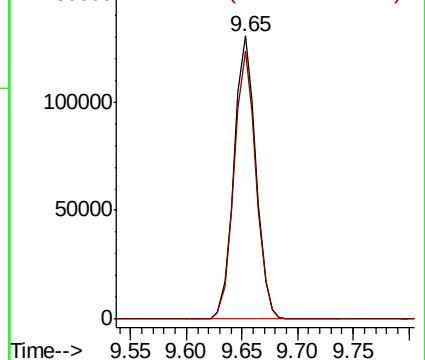
107 100

109 94.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.941 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

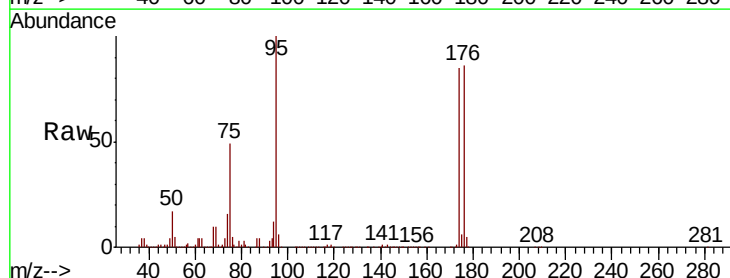
Tgt Ion: 95 Resp: 202929

Ion Ratio Lower Upper

95 100

174 80.8 0.0 164.0

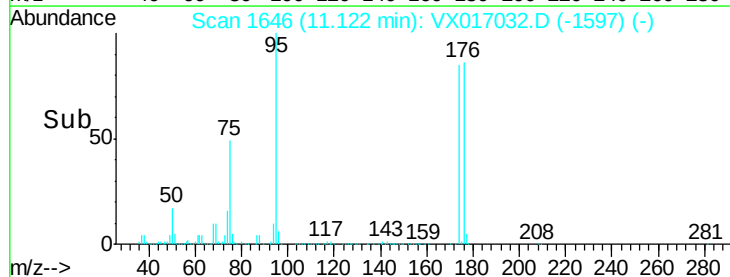
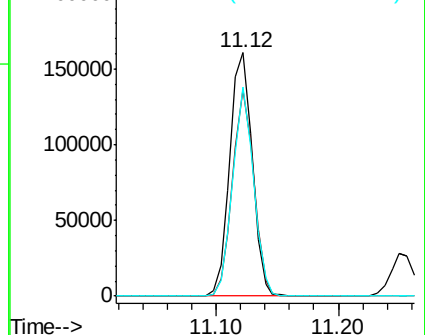
176 80.0 0.0 157.6

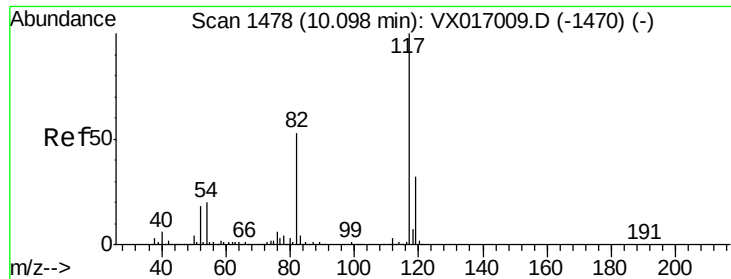


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

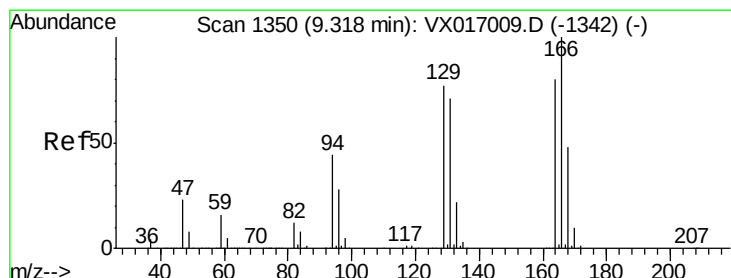
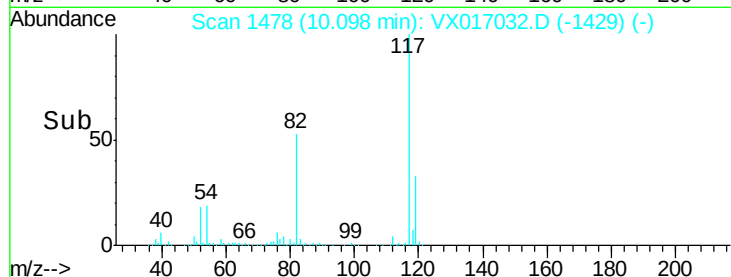
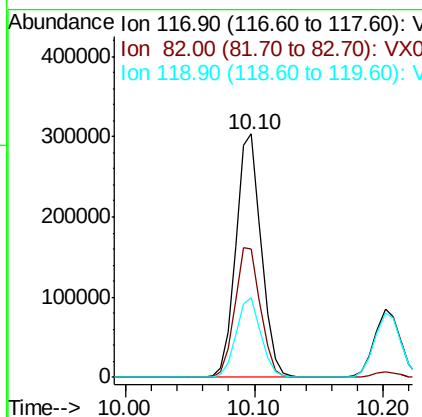
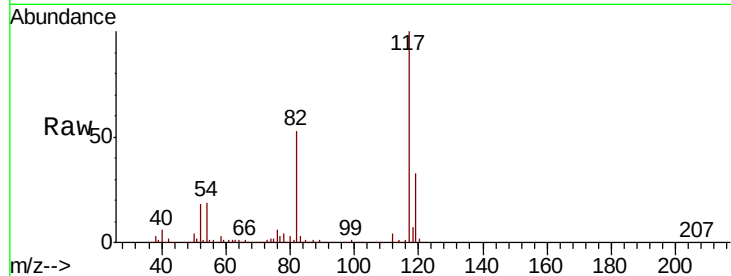




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

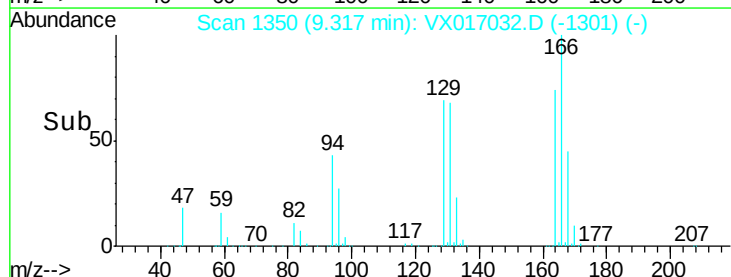
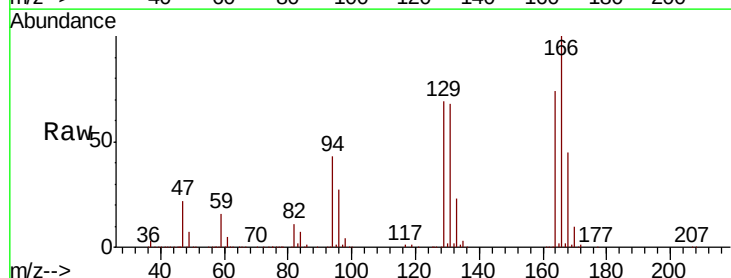
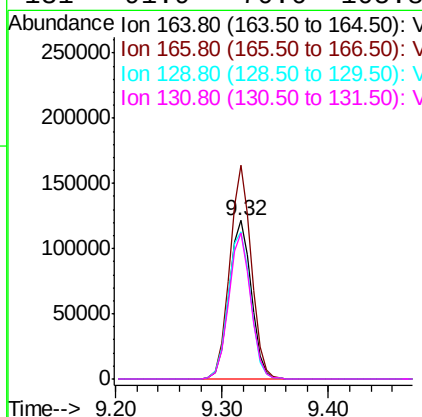
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

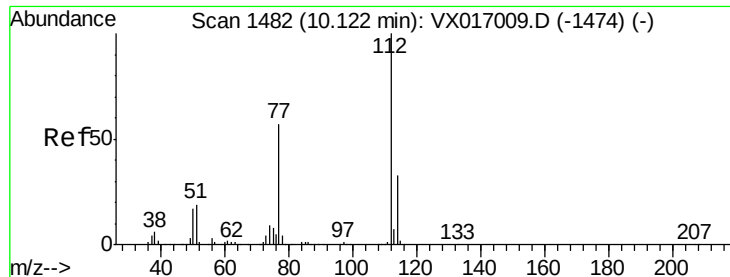
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.6	63.8
119	33.0	25.4	38.2



#64
Tetrachloroethene
Concen: 53.321 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.7	99.4	149.0
129	93.2	76.3	114.5
131	91.9	70.6	105.8

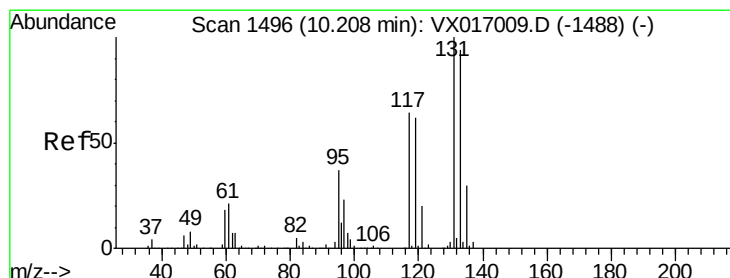
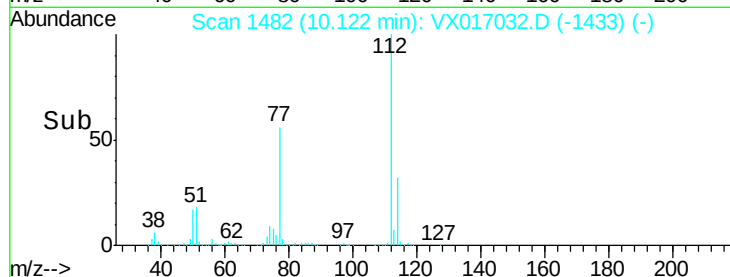
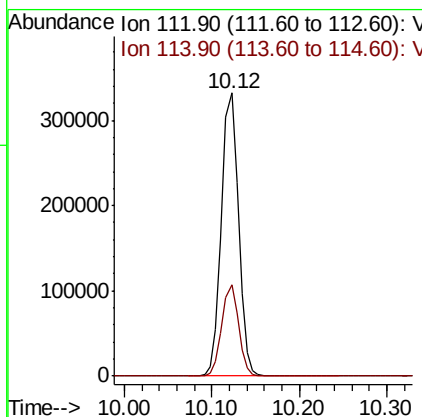
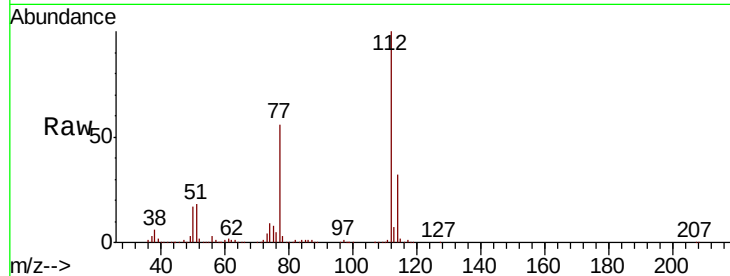




#65
Chlorobenzene
Concen: 52.566 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

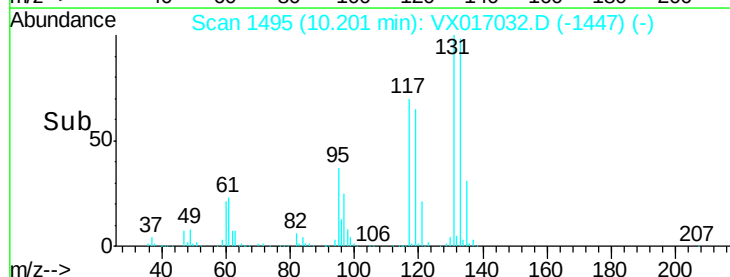
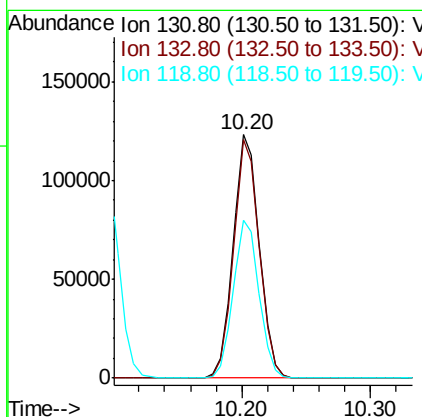
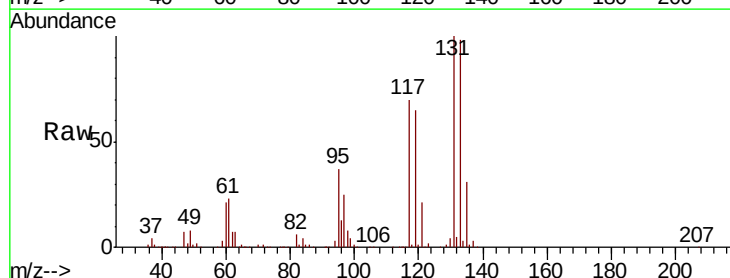
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

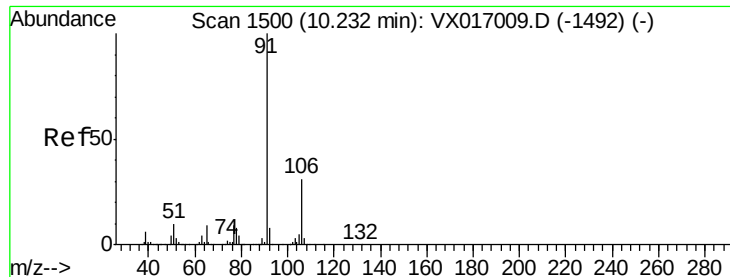
Tot Ion:112 Resp: 449155
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.690 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion:131 Resp: 173508
Ion Ratio Lower Upper
131 100
133 96.3 47.3 141.9
119 64.4 31.9 95.5





#67

Ethyl Benzene

Concen: 54.789 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

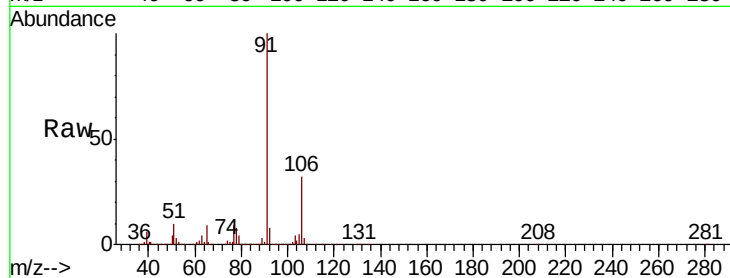
VSTDCCC050

Tot Ion: 91 Resp: 781821

Ion Ratio Lower Upper

91 100

106 32.0 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX017009.D

Ion 106.00 (105.70 to 106.70): VX017009.D

1000000

800000

600000

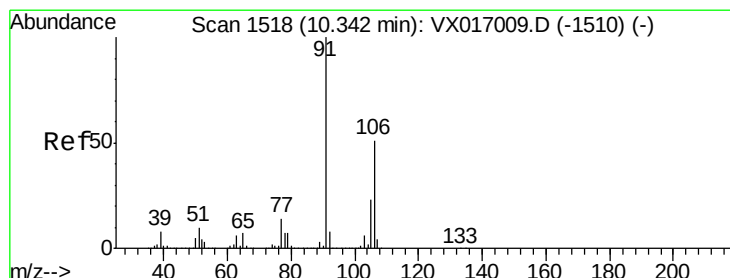
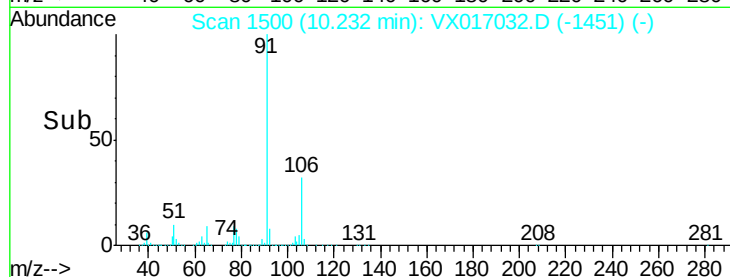
400000

200000

0

10.20 10.23 10.30

Time-->



#68

m/p-Xylenes

Concen: 111.930 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017032.D

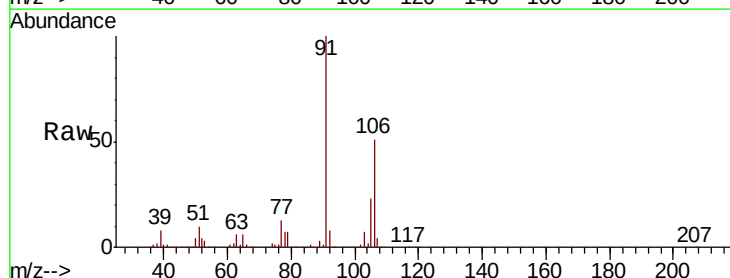
Acq: 30 Jun 2020 09:49

Tgt Ion: 106 Resp: 613274

Ion Ratio Lower Upper

106 100

91 199.7 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): VX017009.D

Ion 91.00 (90.70 to 91.70): VX017009.D

1000000

800000

600000

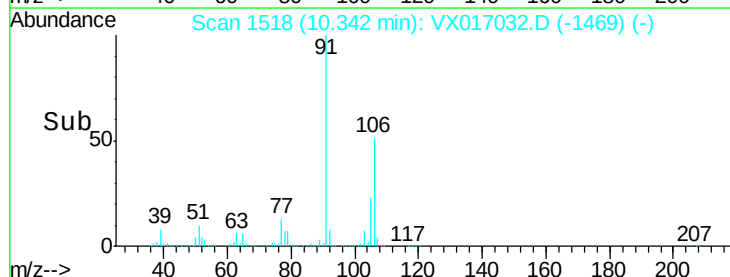
400000

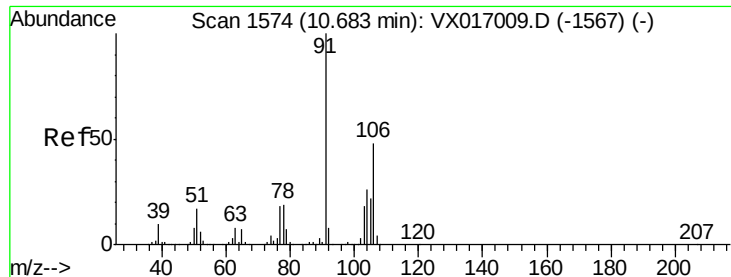
200000

0

10.30 10.34 10.40

Time-->

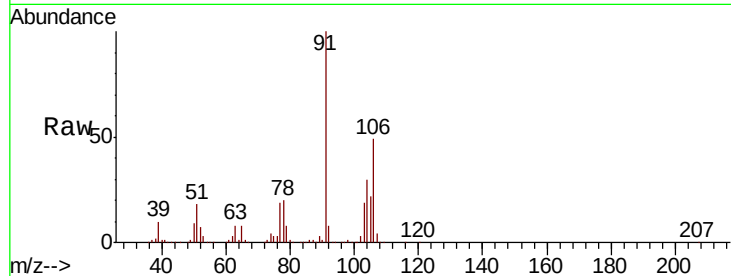




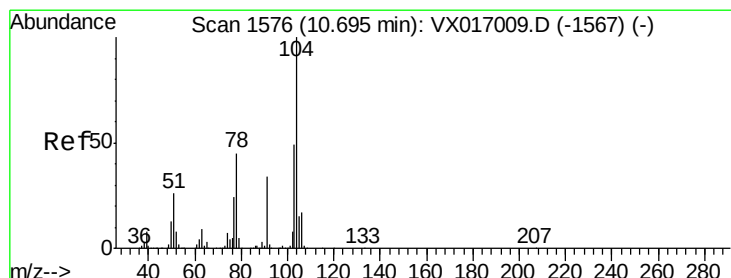
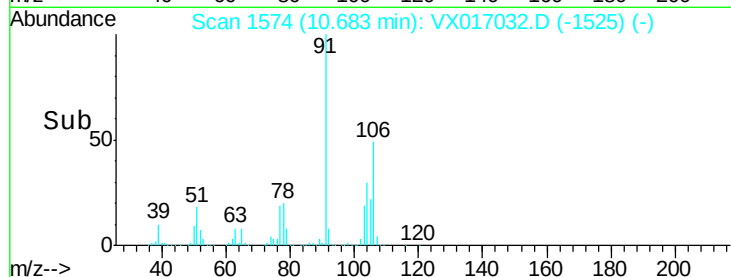
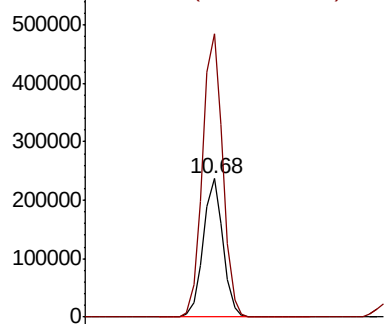
#69
o-Xylene
Concen: 55.497 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 289263
Ion Ratio Lower Upper
106 100
91 210.3 105.6 316.7

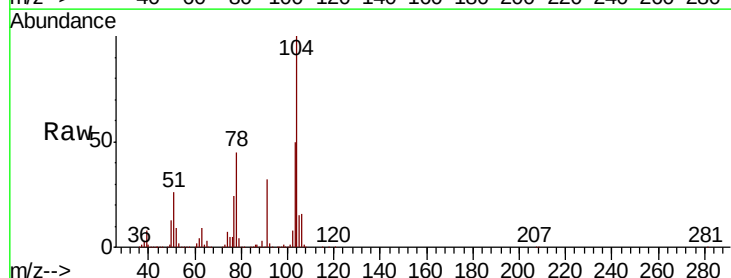


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

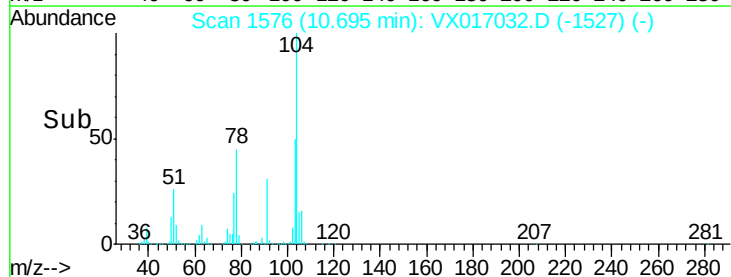
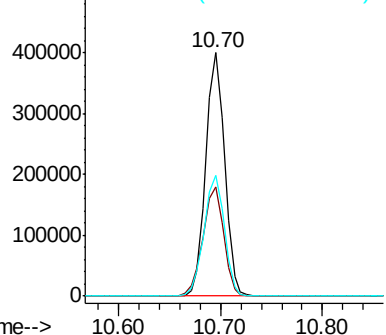


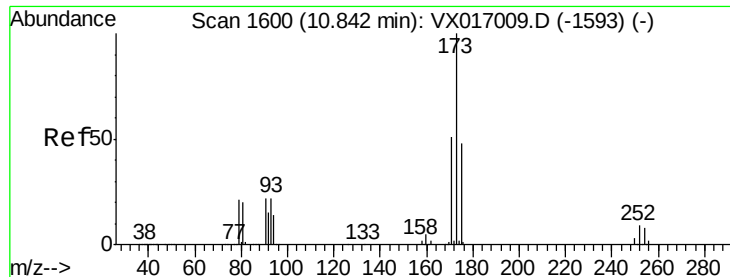
#70
Styrene
Concen: 57.219 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion:104 Resp: 507871
Ion Ratio Lower Upper
104 100
78 49.5 39.5 59.3
103 53.6 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: 55.211 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

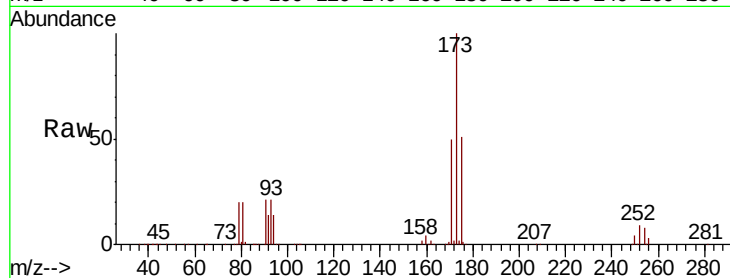
Tot Ion:173 Resp: 144175

Ion Ratio Lower Upper

173 100

175 49.4 24.5 73.5

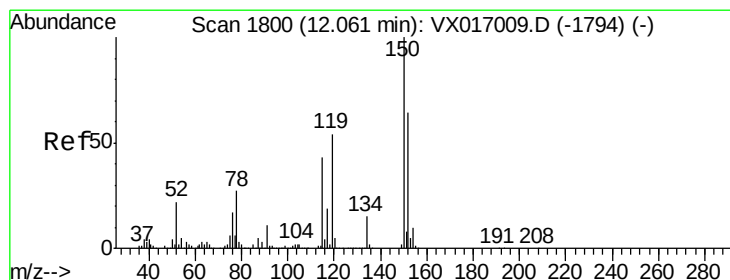
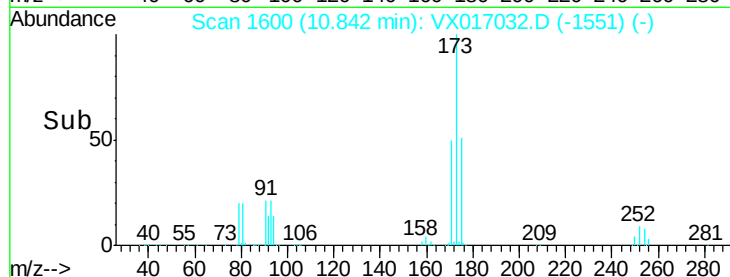
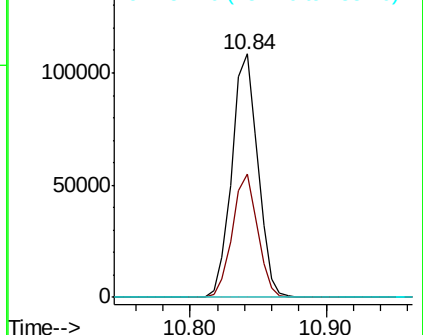
254 0.2 0.1 0.1#



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: VX017032.D

Acq: 30 Jun 2020 09:49

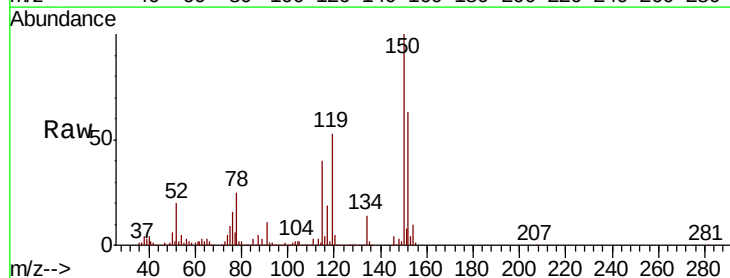
Tgt Ion:152 Resp: 222903

Ion Ratio Lower Upper

152 100

115 81.6 40.9 122.7

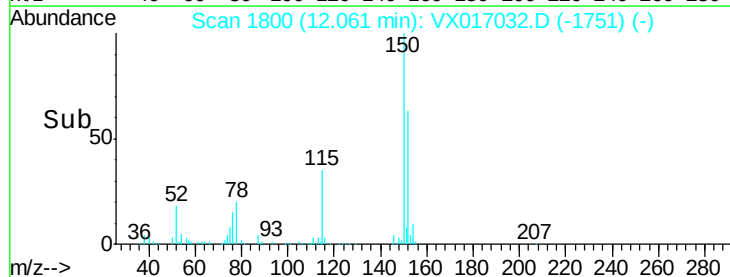
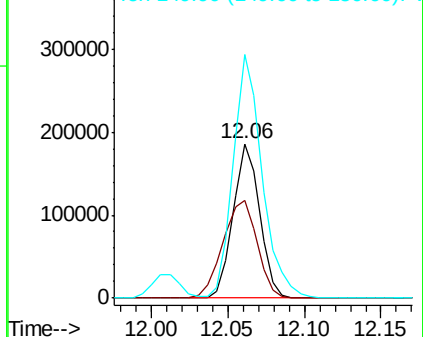
150 173.4 0.0 351.6

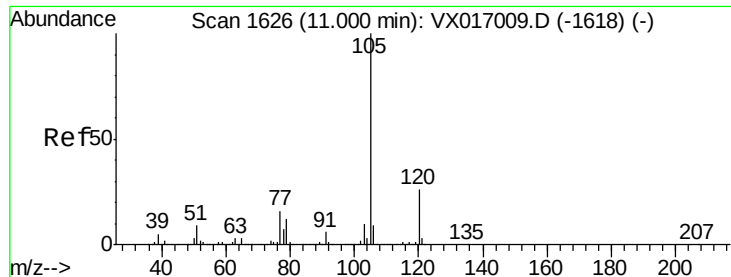


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.070 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

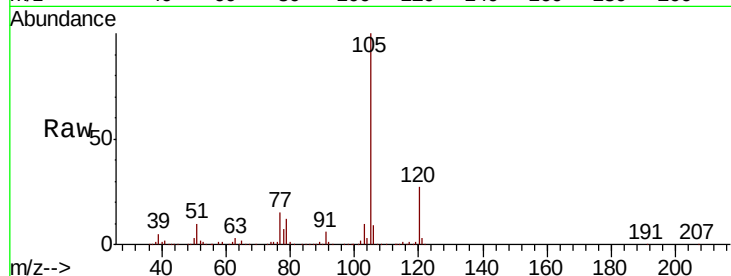
VSTDCCC050

Tot Ion:105 Resp: 789445

Ion Ratio Lower Upper

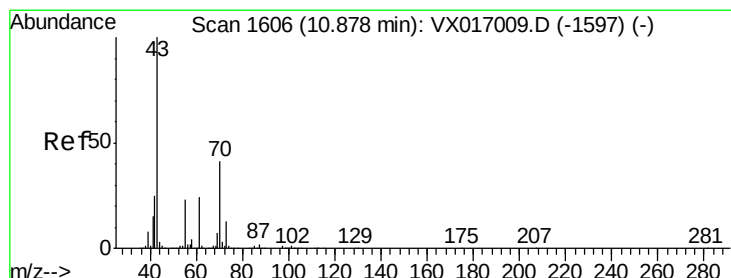
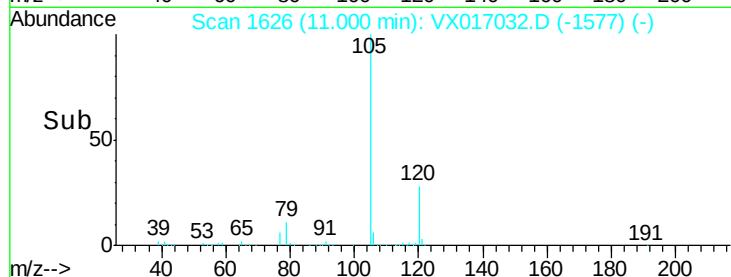
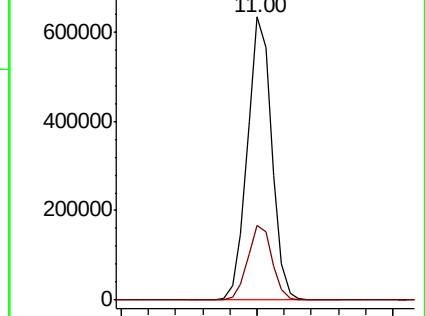
105 100

120 26.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.092 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Tgt Ion: 43 Resp: 324528

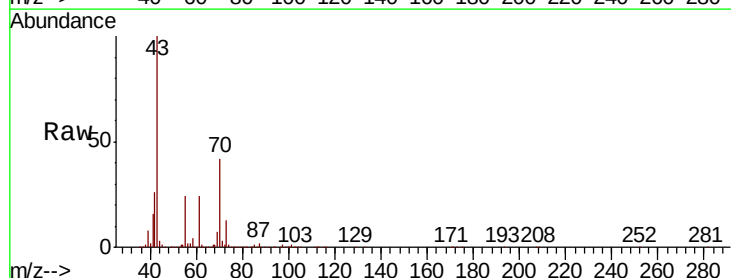
Ion Ratio Lower Upper

43 100

70 43.6 34.2 51.2

55 24.8 19.2 28.8

61 24.8 19.6 29.4

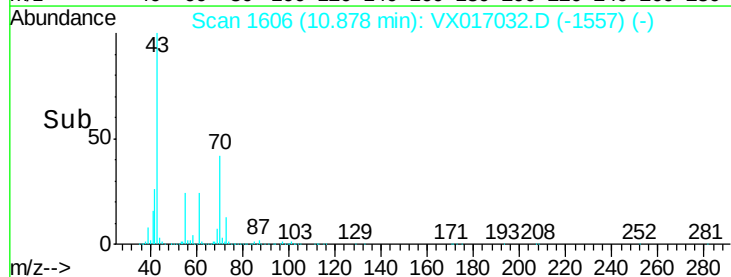
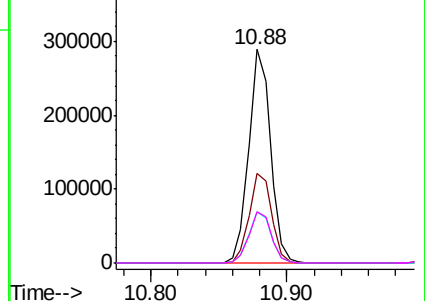


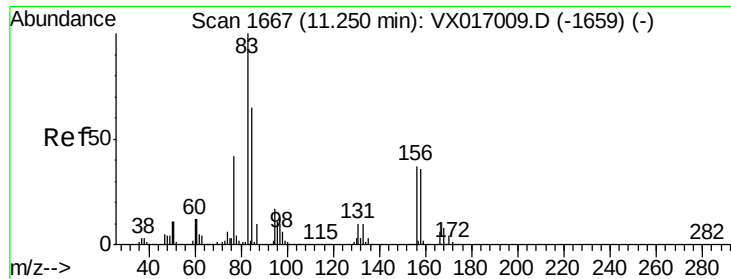
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.083 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

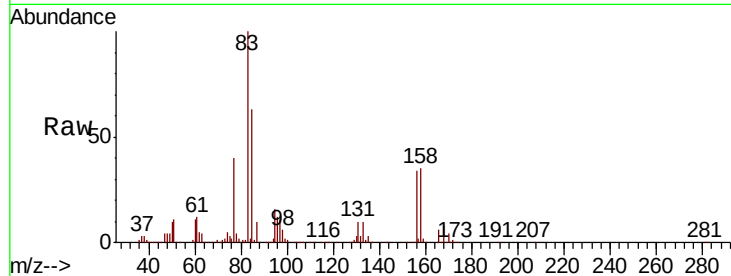
Tot Ion: 83 Resp: 230013

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

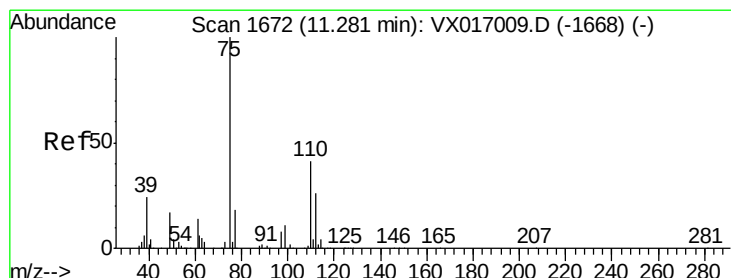
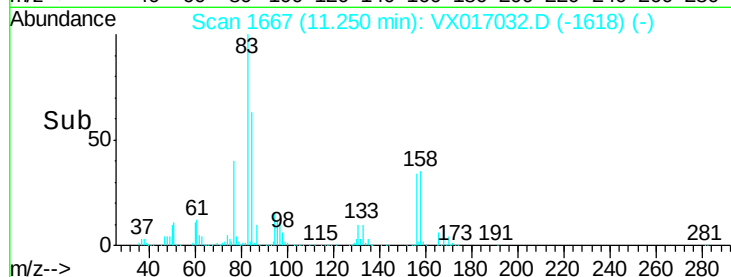
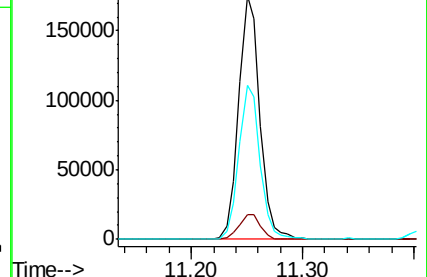
85 63.8 31.9 95.9



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: 65.564 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017032.D

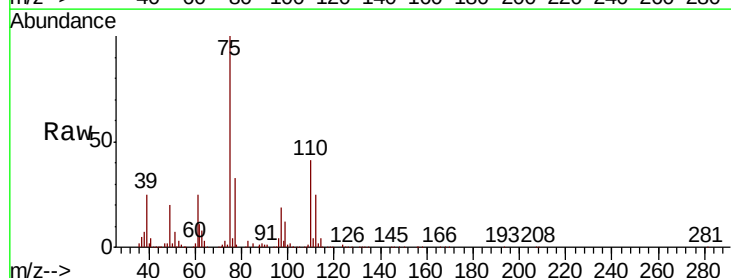
Acq: 30 Jun 2020 09:49

Tgt Ion: 75 Resp: 287382

Ion Ratio Lower Upper

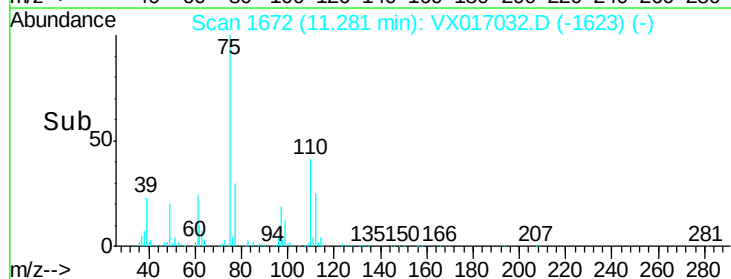
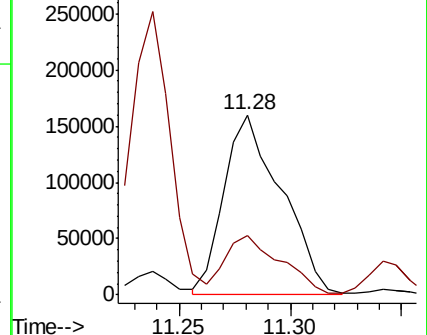
75 100

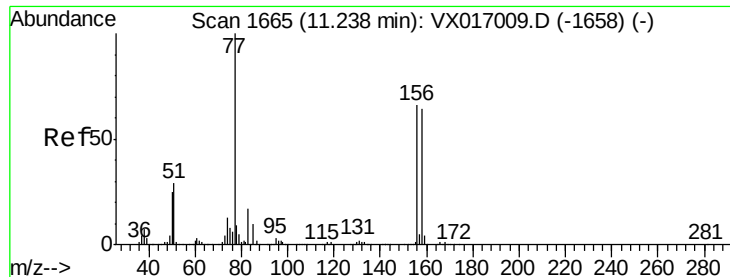
77 32.2 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.902 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

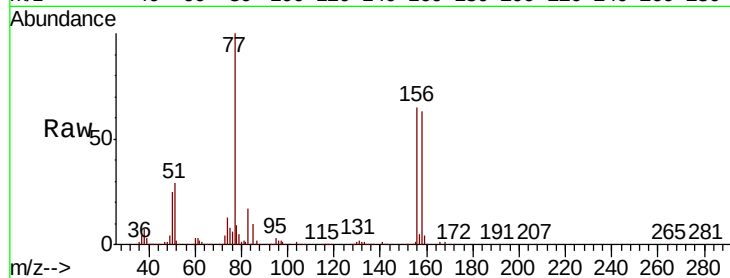
Tot Ion:156 Resp: 204255

Ion Ratio Lower Upper

156 100

77 154.7 76.9 230.7

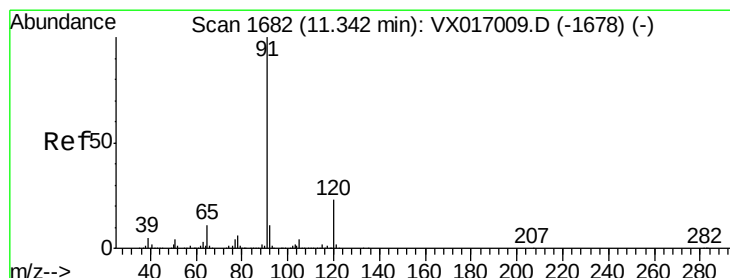
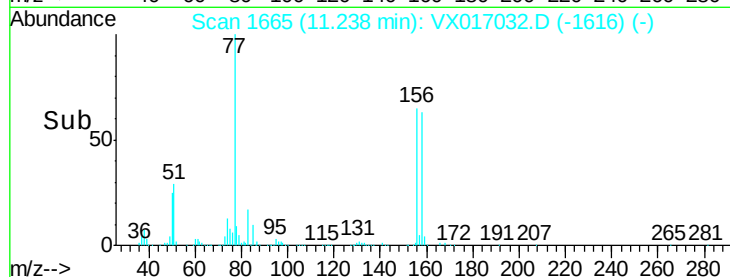
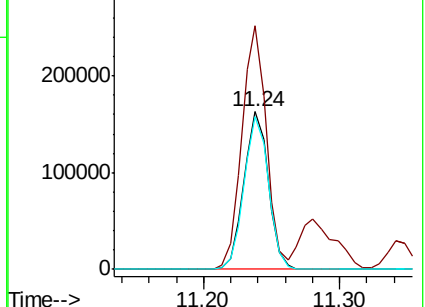
158 97.3 47.9 143.6



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: 55.233 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017032.D

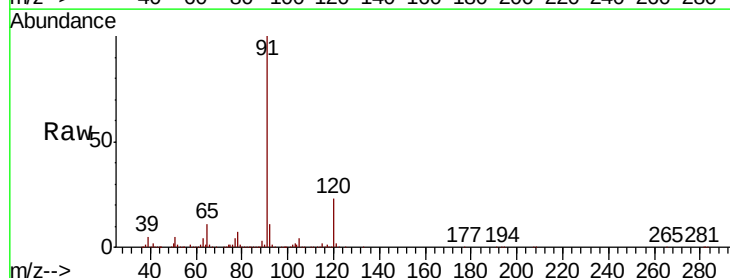
Acq: 30 Jun 2020 09:49

Tgt Ion: 91 Resp: 911934

Ion Ratio Lower Upper

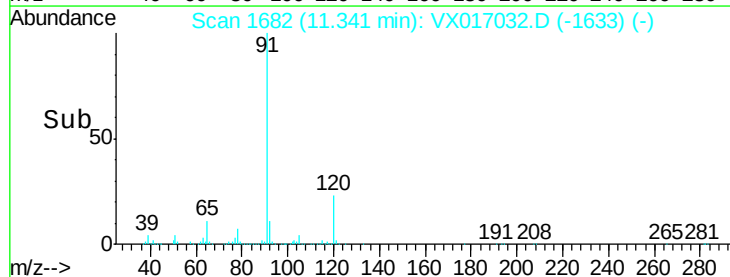
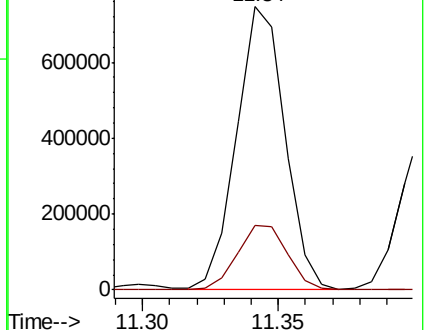
91 100

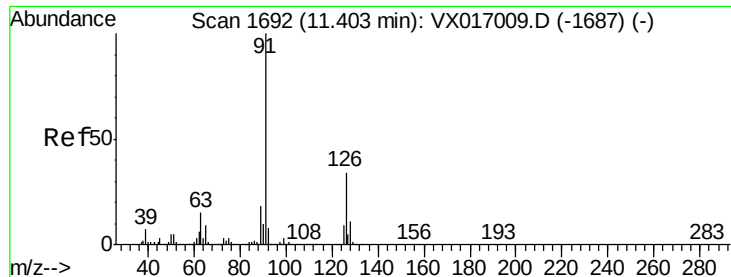
120 24.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

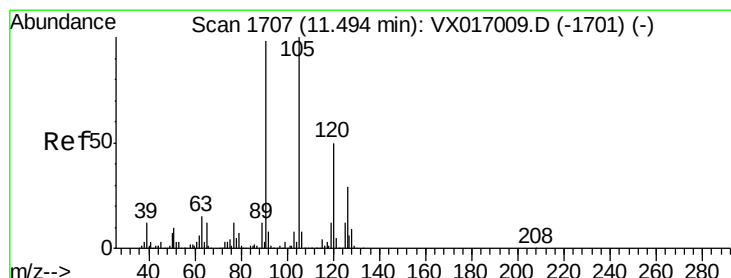
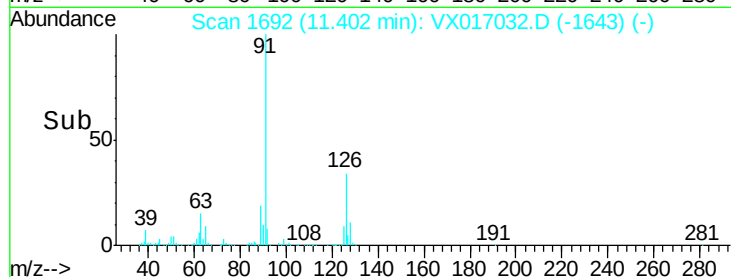
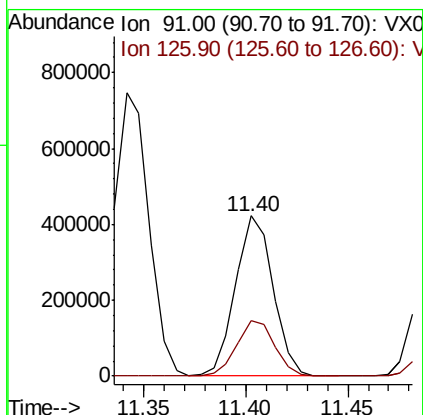
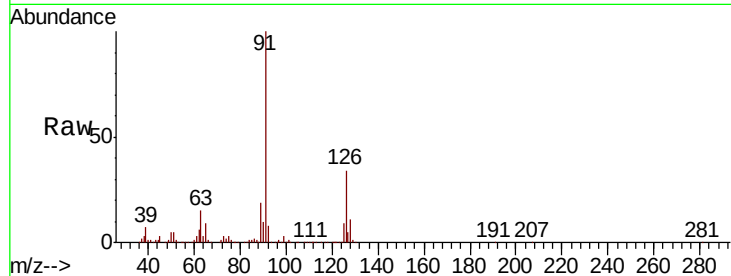




#79
2-Chlorotoluene
Concen: 53.720 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

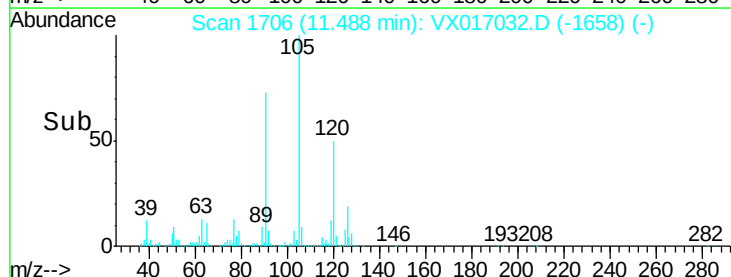
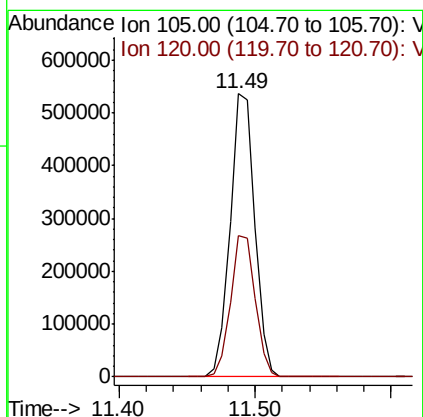
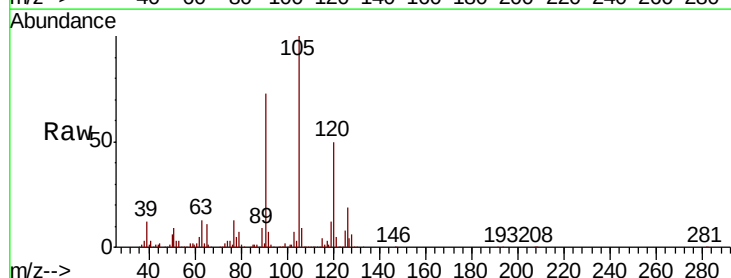
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

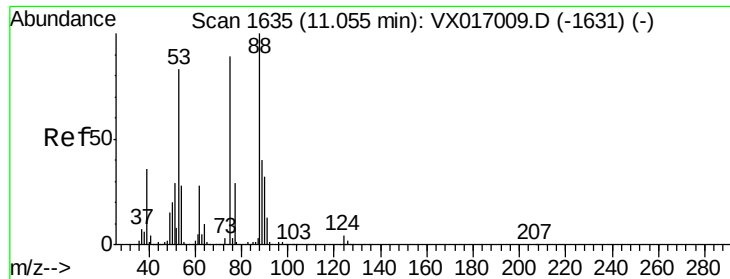
Tot Ion: 91 Resp: 536797
Ion Ratio Lower Upper
91 100
126 35.3 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 55.684 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion: 105 Resp: 674370
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.6

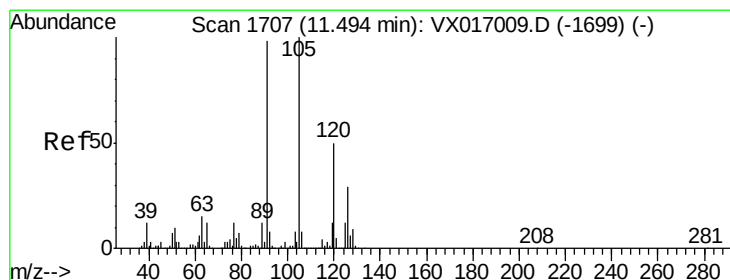
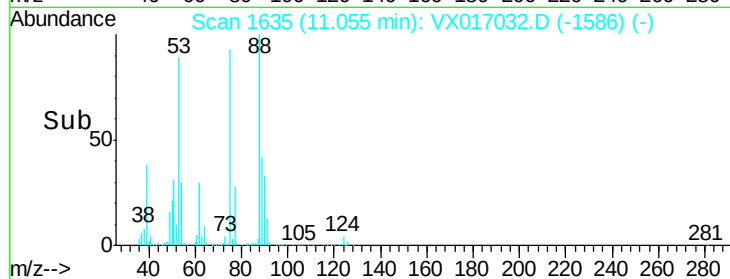
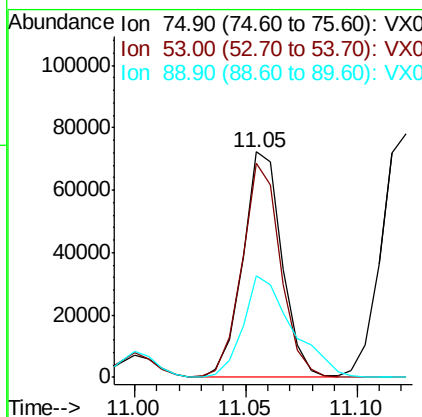
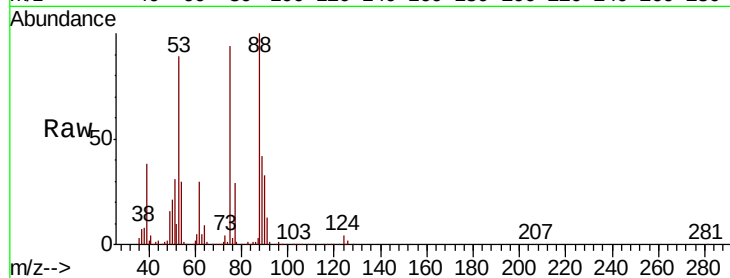




#81
trans-1,4-Dichloro-2-butene
Concen: 51.962 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

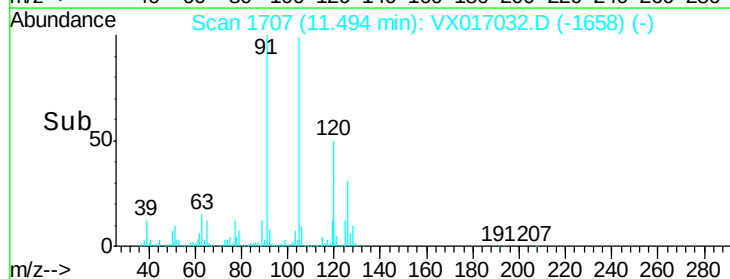
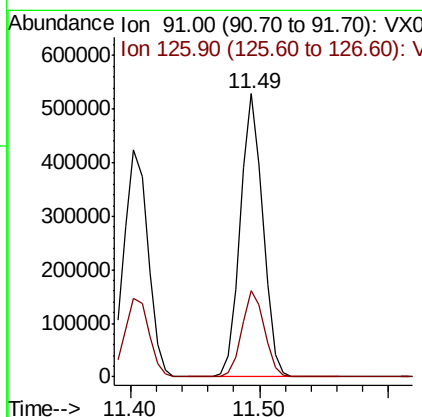
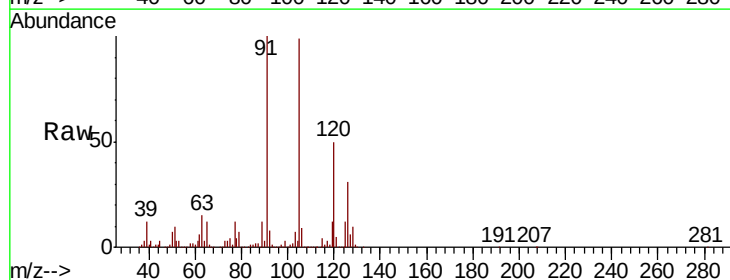
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

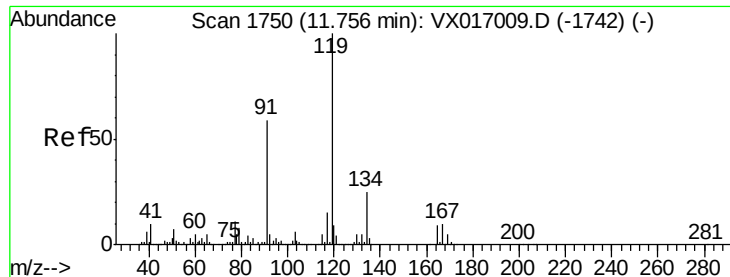
Tot Ion: 75 Resp: 87951
Ion Ratio Lower Upper
75 100
53 94.0 72.4 108.6
89 57.8 37.0 55.4#



#82
4-Chlorotoluene
Concen: 53.567 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion: 91 Resp: 639877
Ion Ratio Lower Upper
91 100
126 30.3 15.2 45.5

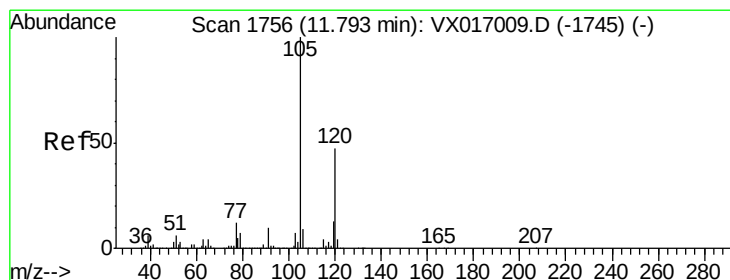
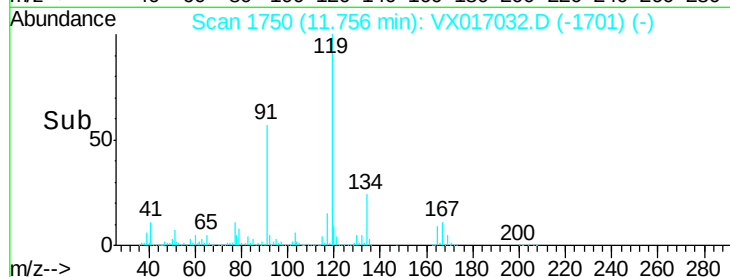
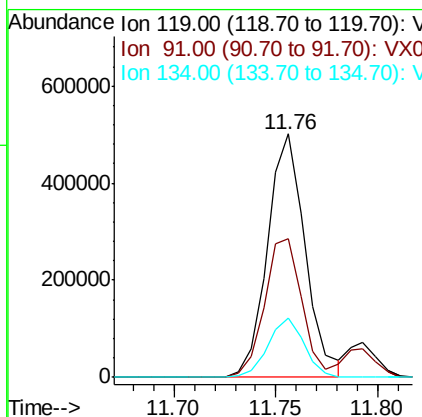
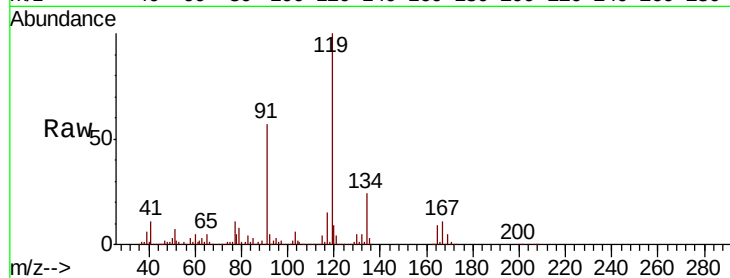




#83
 tert-Butylbenzene
 Concen: 54.409 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

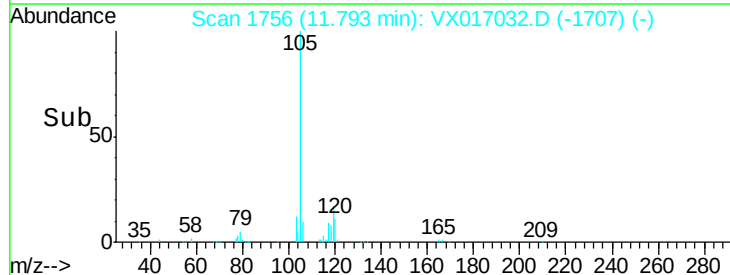
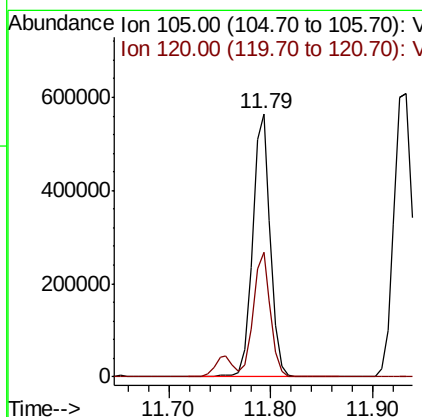
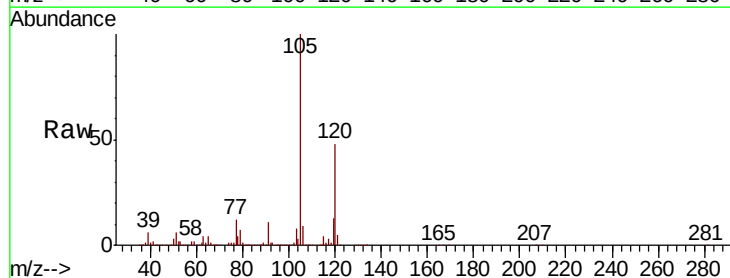
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

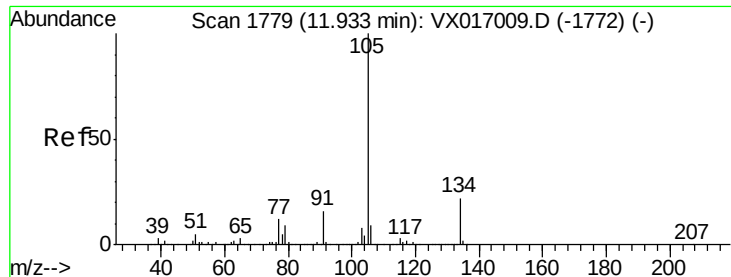
Tot Ion:119 Resp: 646835
 Ion Ratio Lower Upper
 119 100
 91 56.1 28.3 84.9
 134 23.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 55.450 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Tgt Ion:105 Resp: 681271
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.5





#85

sec-Butylbenzene

Concen: 55.515 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

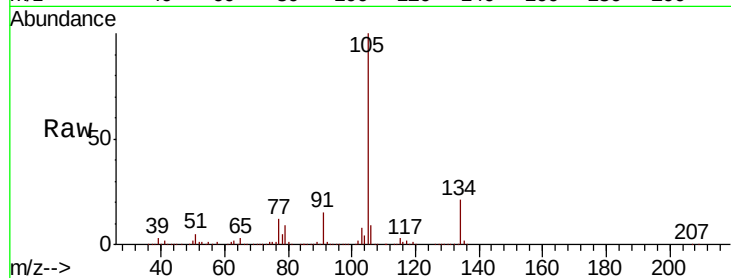
VSTDCCC050

Tot Ion:105 Resp: 775797

Ion Ratio Lower Upper

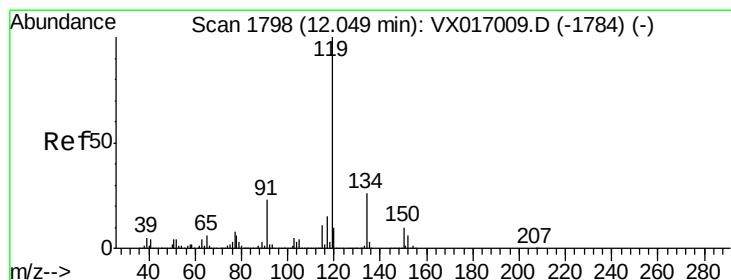
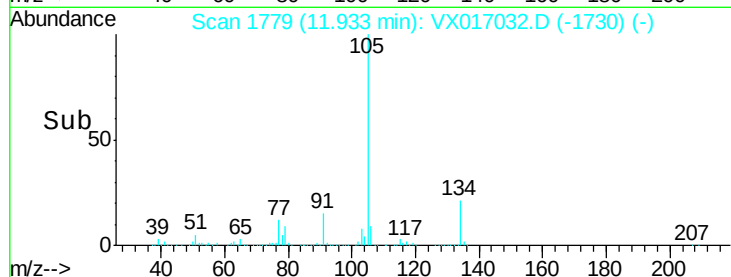
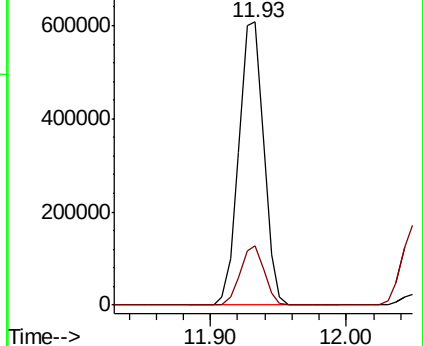
105 100

134 20.4 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.498 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

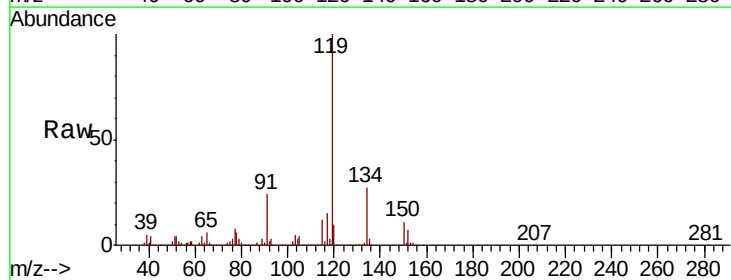
Tgt Ion:119 Resp: 721991

Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

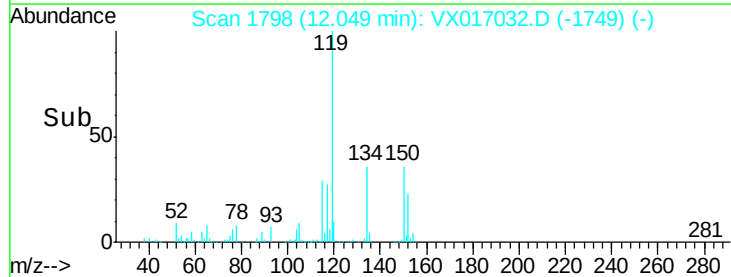
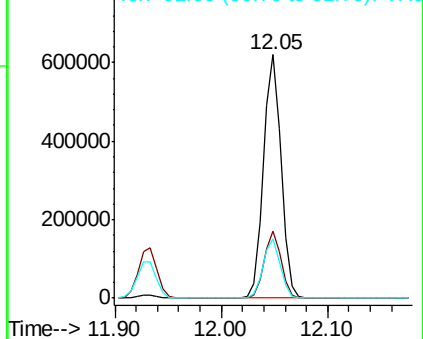
91 23.7 11.8 35.4

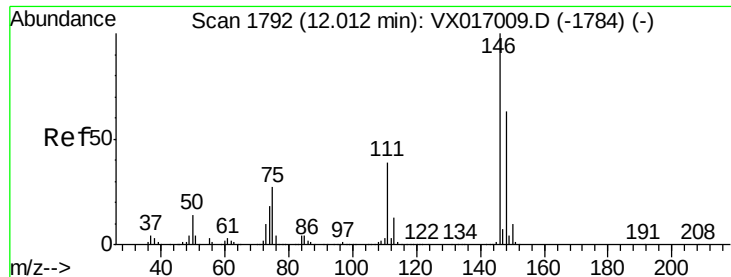


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

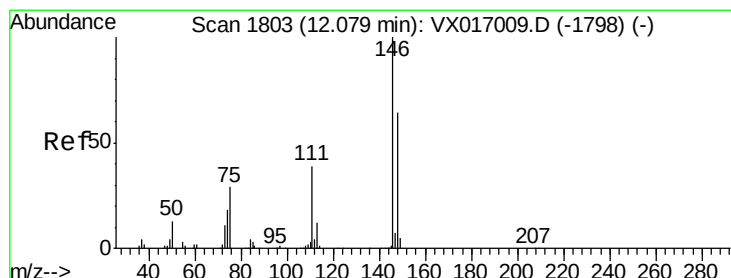
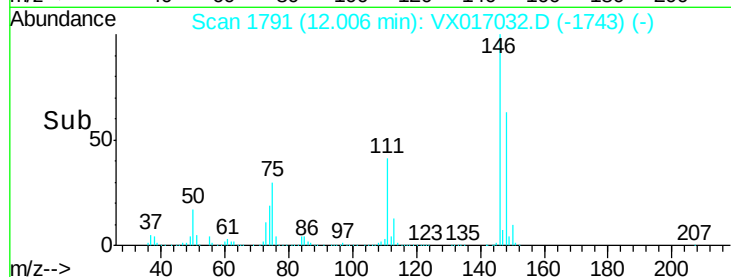
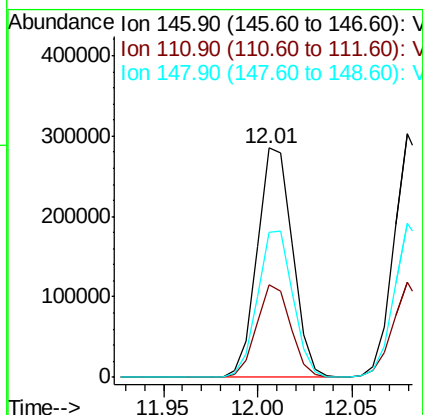
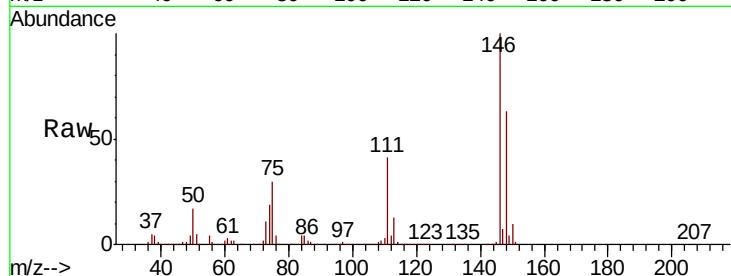




#87
 1,3-Dichlorobenzene
 Concen: 50.819 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

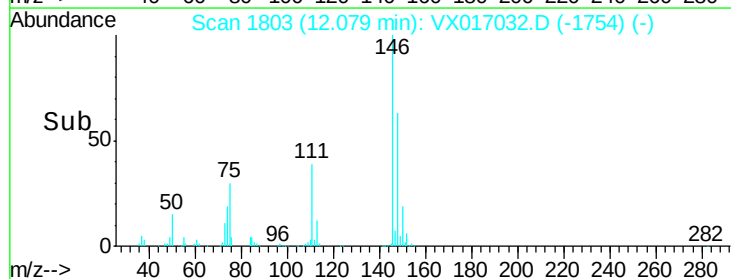
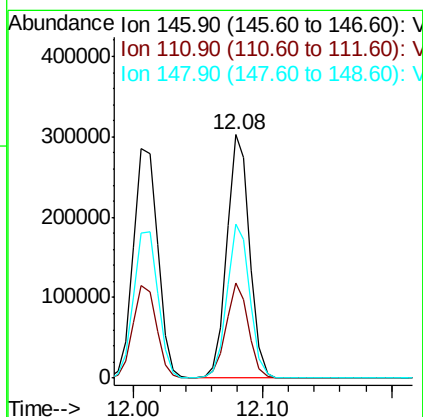
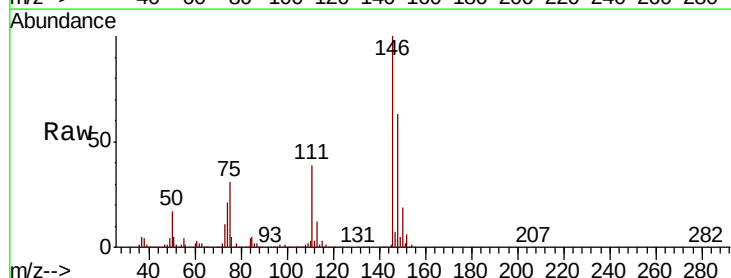
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

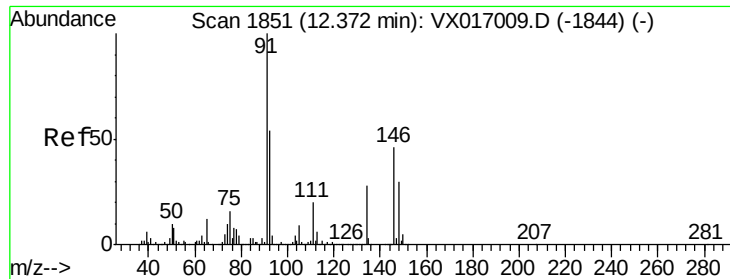
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.4	61.2
148	63.7	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 54.594 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.5	58.5
148	63.1	31.9	95.7

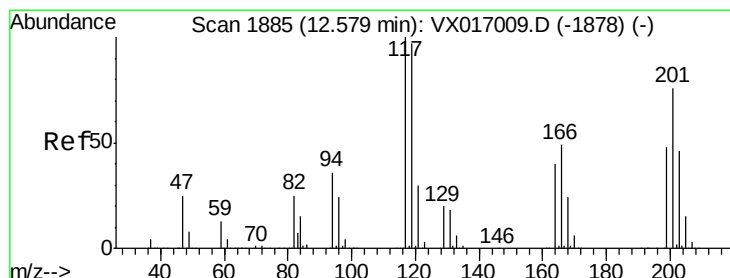
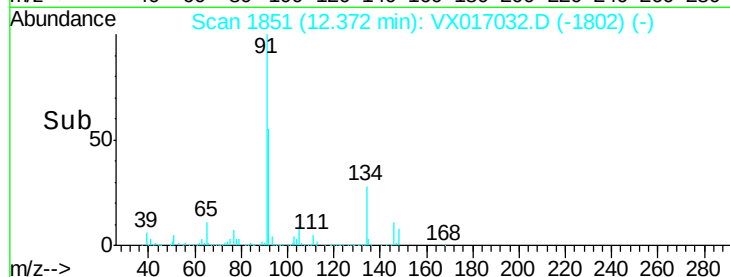
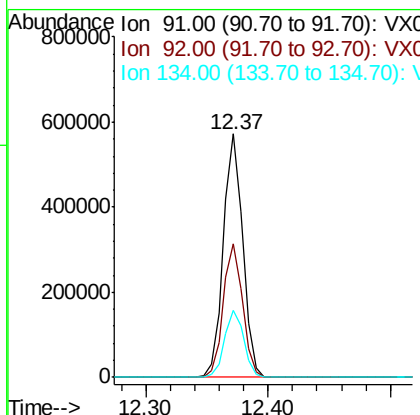
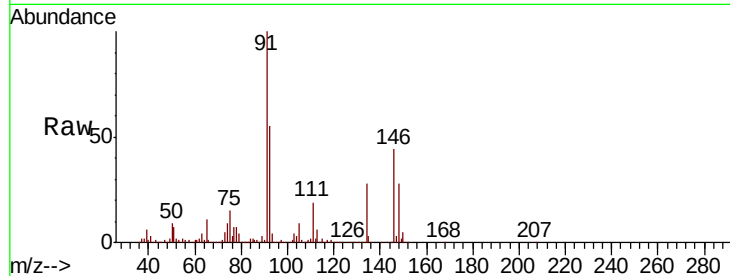




#89
n-Butylbenzene
Concen: 54.209 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

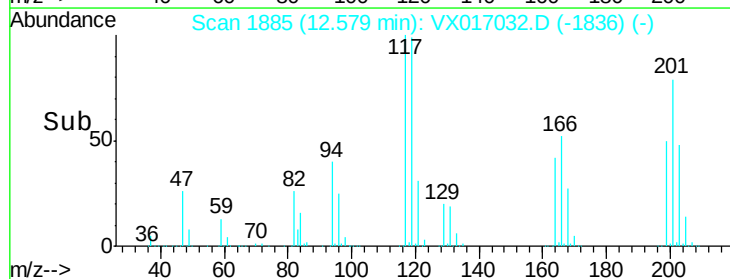
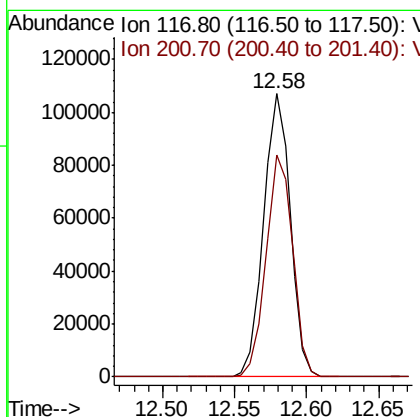
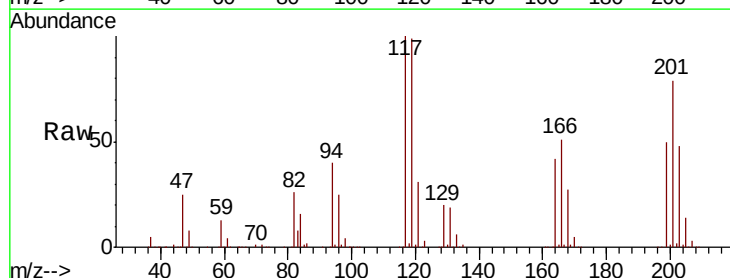
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

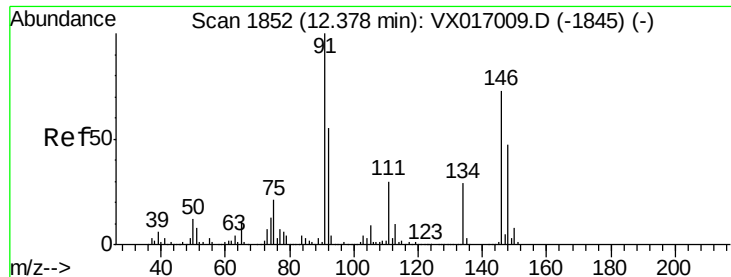
Tot Ion: 91 Resp: 629694
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.6
134 27.5 13.6 40.7



#90
Hexachloroethane
Concen: 53.280 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017032.D
Acq: 30 Jun 2020 09:49

Tgt Ion: 117 Resp: 136688
Ion Ratio Lower Upper
117 100
201 78.3 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 50.579 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

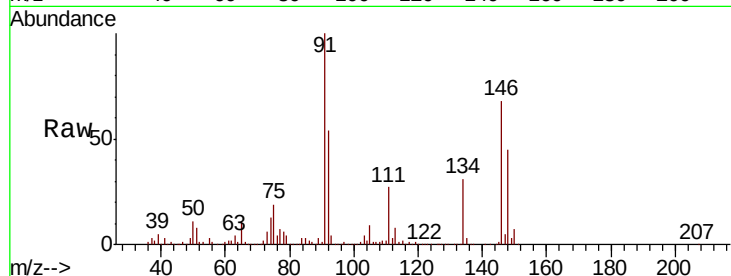
Tot Ion:146 Resp: 344558

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.9

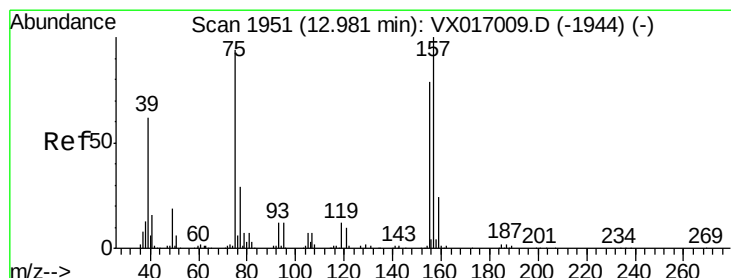
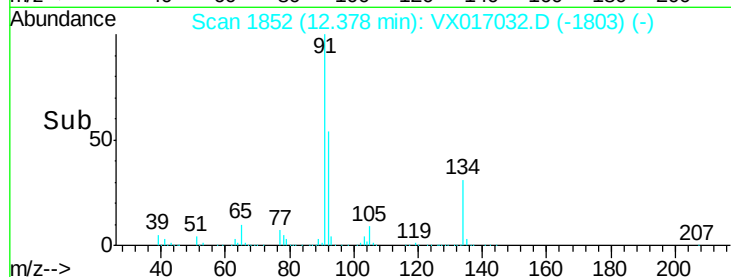
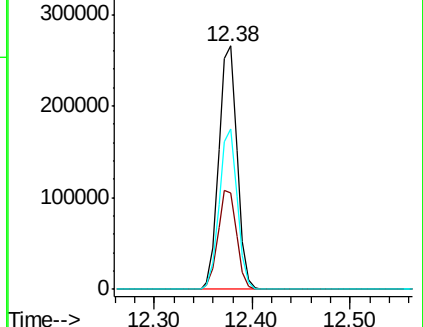
148 64.7 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.044 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

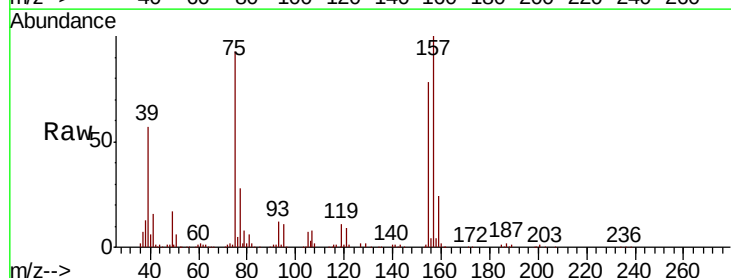
Tgt Ion: 75 Resp: 51541

Ion Ratio Lower Upper

75 100

155 88.9 45.1 135.2

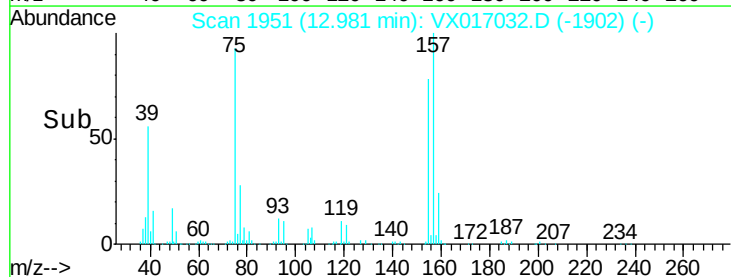
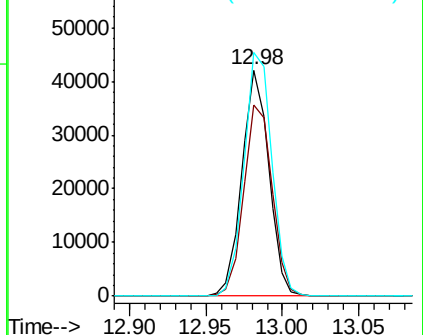
157 111.5 56.5 169.3

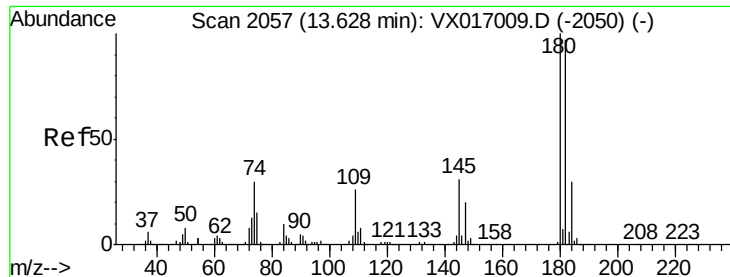


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

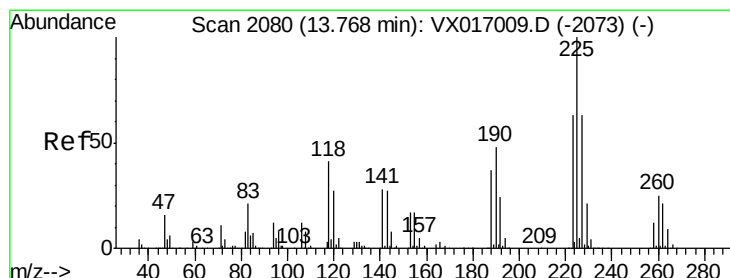
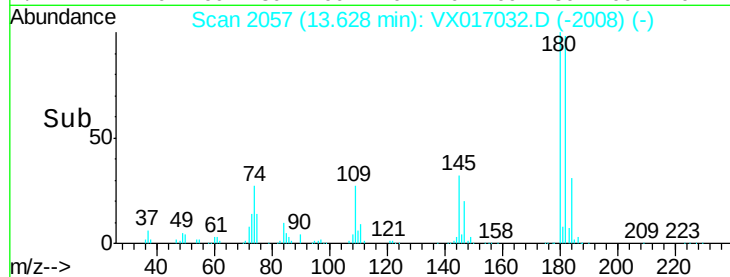
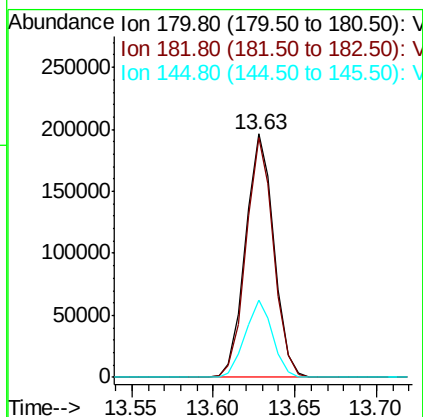
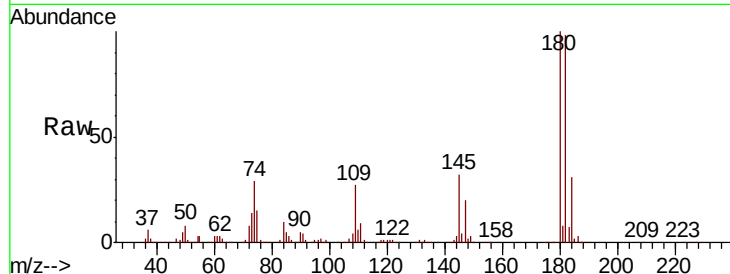




#93
 1,2,4-Trichlorobenzene
 Concen: 51.209 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

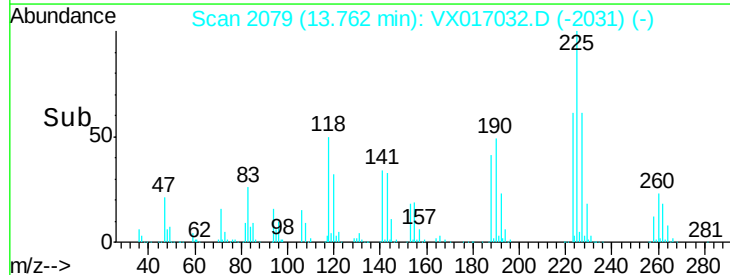
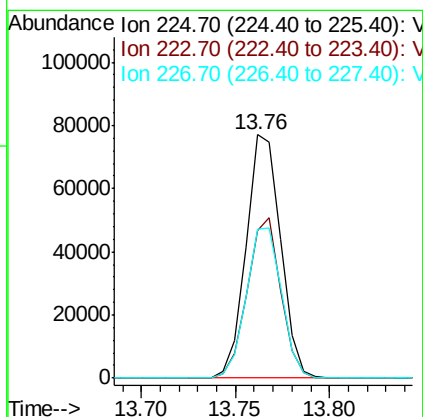
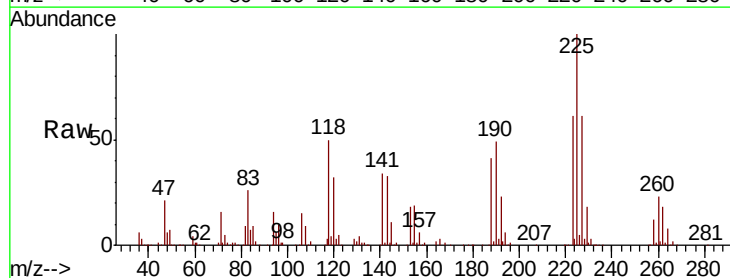
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

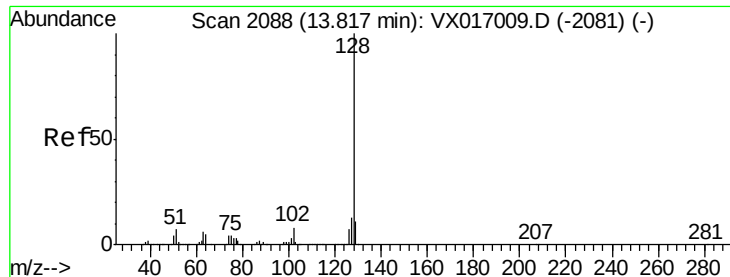
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	141.9
145	30.9	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 55.291 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017032.D
 Acq: 30 Jun 2020 09:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	32.5	97.5
227	63.0	33.1	99.2





#95

Naphthalene

Concen: 53.039 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

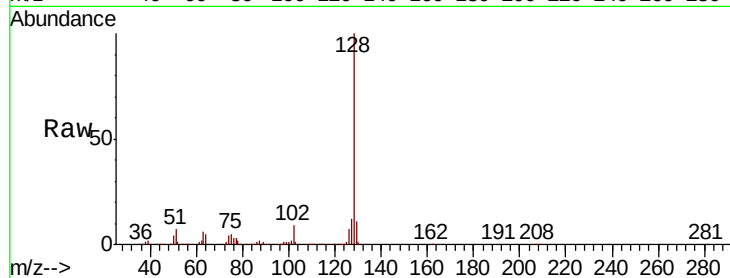
Tot Ion:128 Resp: 749753

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

800000

600000

400000

200000

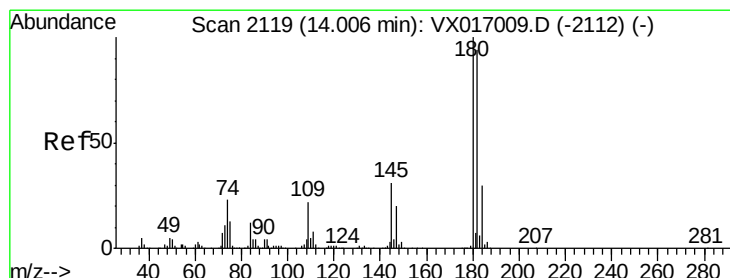
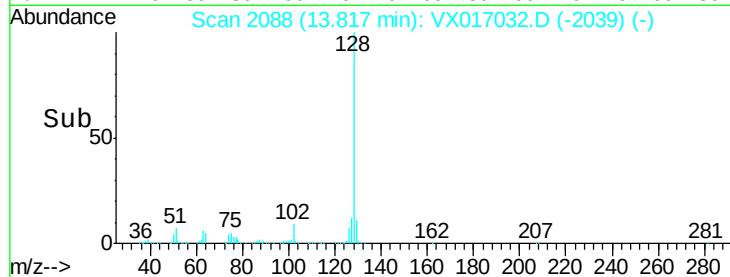
0

13.82

13.80

13.90

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 51.992 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017032.D

Acq: 30 Jun 2020 09:49

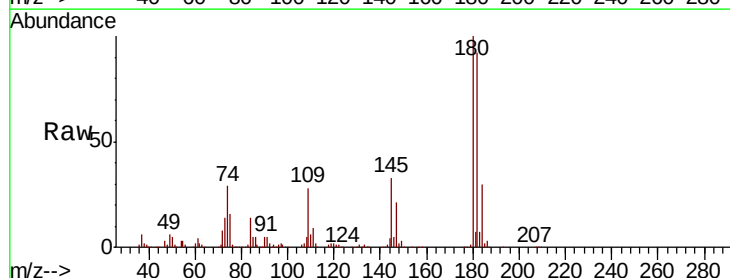
Tgt Ion:180 Resp: 233955

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.4

145 32.7 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

250000

200000

150000

100000

50000

0

14.00

13.90

14.10

Time-->

