

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017056.D
 Acq On : 30 Jun 2020 19:26
 Operator : JC/SP
 Sample : L3112-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

Quant Time: Jul 01 08:10:58 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	261429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	415947	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	399681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210072	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	162300	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	5.46	113	132802	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	8.70	98	490111	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.12	95	194986	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	119903	47.408	ug/l	97
3) Chloromethane	1.31	50	133125	43.485	ug/l	99
4) Vinyl Chloride	1.39	62	133113	46.864	ug/l	99
5) Bromomethane	1.62	94	66248	44.145	ug/l	97
6) Chloroethane	1.71	64	77882	46.426	ug/l	99
7) Trichlorofluoromethane	1.92	101	201247	47.906	ug/l	97
8) Diethyl Ether	2.17	74	71005	50.233	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	114733	45.569	ug/l	97
10) Methyl Iodide	2.49	142	114857	35.353	ug/l	97
11) Tert butyl alcohol	3.01	59	146924	238.966	ug/l	99
12) 1,1-Dichloroethene	2.36	96	121647	47.032	ug/l	97
13) Acrolein	2.27	56	89203	242.706	ug/l	100
14) Allyl chloride	2.71	41	216558	45.305	ug/l	99
15) Acrylonitrile	3.12	53	373647	252.800	ug/l	100
16) Acetone	2.42	43	305571	253.448	ug/l	99
17) Carbon Disulfide	2.55	76	351278	48.670	ug/l	100
18) Methyl Acetate	2.75	43	150849	47.929	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	423151	48.746	ug/l	100
20) Methylene Chloride	2.84	84	137239	49.626	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	137197	47.798	ug/l	99
22) Diisopropyl ether	3.82	45	428395	48.423	ug/l	99
23) Vinyl Acetate	3.79	43	1814248	238.645	ug/l	99
24) 1,1-Dichloroethane	3.67	63	239660	47.609	ug/l	99
25) 2-Butanone	4.64	43	513133	255.426	ug/l	100
26) 2,2-Dichloropropane	4.56	77	180974	40.490	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	179806	55.287	ug/l	97
28) Bromochloromethane	4.98	49	115164	47.014	ug/l	100
29) Tetrahydrofuran	5.09	42	338737	255.199	ug/l	99
30) Chloroform	5.18	83	246817	47.830	ug/l	98
31) Cyclohexane	5.55	56	203357	46.736	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	224783	47.299	ug/l	99
36) 1,1-Dichloropropene	5.77	75	180742	45.976	ug/l	99
37) Ethyl Acetate	4.79	43	187599	47.033	ug/l	100
38) Carbon Tetrachloride	5.76	117	206827	47.767	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	198430	45.366	ug/l	98
40) Benzene	6.12	78	540129	46.762	ug/l	99
41) Methacrylonitrile	5.01	41	113191	50.421	ug/l	99
42) 1,2-Dichloroethane	6.17	62	200849	48.141	ug/l	100
43) Isopropyl Acetate	6.42	43	307296	46.364	ug/l	100
44) Trichloroethene	7.19	130	158952	49.869	ug/l	99
45) 1,2-Dichloropropane	7.49	63	141187	47.591	ug/l	99
46) Dibromomethane	7.64	93	96752	47.769	ug/l	99
47) Bromodichloromethane	7.88	83	203047	48.646	ug/l	97
48) Methyl methacrylate	7.74	41	160349	50.922	ug/l	99
49) 1,4-Dioxane	7.71	88	61055	855.859	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1002141	253.648	ug/l	100
52) Toluene	8.77	92	345208	47.869	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	215887	46.878	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	222543	45.078	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	143509	48.706	ug/l	99
56) Ethyl methacrylate	9.16	69	212753	50.731	ug/l	99
57) 1,3-Dichloropropane	9.35	76	238472	47.832	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.23	63	709	0.340	ug/l #	45
59) 2-Hexanone	9.47	43	771409	267.341	ug/l	99
60) Dibromochloromethane	9.57	129	168279	49.173	ug/l	100
61) 1,2-Dibromoethane	9.65	107	156988	49.569	ug/l	97
64) Tetrachloroethene	9.32	164	138401	42.906	ug/l	93
65) Chlorobenzene	10.12	112	383555	46.496	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	149763	47.108	ug/l	99
67) Ethyl Benzene	10.24	91	662040	48.057	ug/l	98
68) m/p-Xylenes	10.34	106	513612	97.098	ug/l	98
69) o-Xylene	10.68	106	243334	48.357	ug/l	98
70) Styrene	10.70	104	428446	50.000	ug/l	100
71) Bromoform	10.84	173	130985	51.957	ug/l #	98
73) Isopropylbenzene	11.00	105	652312	47.407	ug/l	99
74) N-amyl acetate	10.88	43	271852	46.302	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	204971	47.356	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	250503	60.641	ug/l	87
77) Bromobenzene	11.24	156	174041	46.022	ug/l	98
78) n-propylbenzene	11.34	91	717837	46.133	ug/l	99
79) 2-Chlorotoluene	11.40	91	442837	47.024	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	549931	48.182	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	72782	45.626	ug/l	99
82) 4-Chlorotoluene	11.49	91	525932	46.718	ug/l	100
83) tert-Butylbenzene	11.76	119	543385	48.499	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	555212	47.950	ug/l	99
85) sec-Butylbenzene	11.93	105	618143	46.935	ug/l	100
86) p-Isopropyltoluene	12.05	119	574819	46.884	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	305108	44.422	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	305743	47.192	ug/l	99
89) n-Butylbenzene	12.37	91	480947	43.933	ug/l	99
90) Hexachloroethane	12.58	117	111361	46.059	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	292540	45.566	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47961	46.450	ug/l	99

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

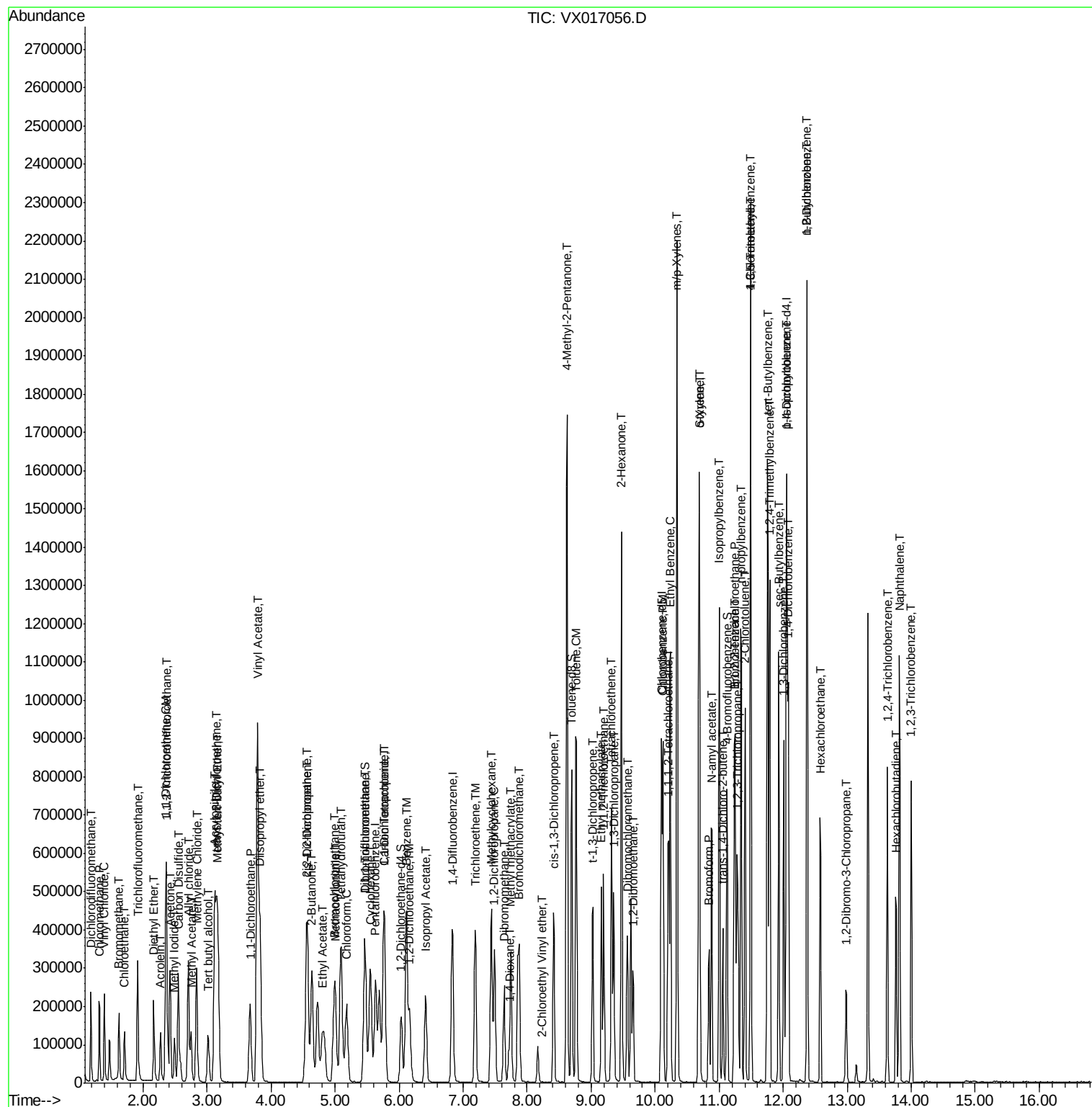
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	190664	43.510	ug/l	98
94) Hexachlorobutadiene	13.77	225	67713	40.872	ug/l	98
95) Naphthalene	13.82	128	645442	48.449	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	193026	45.516	ug/l	99

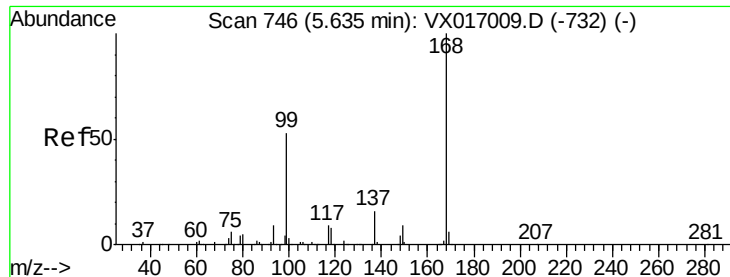
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

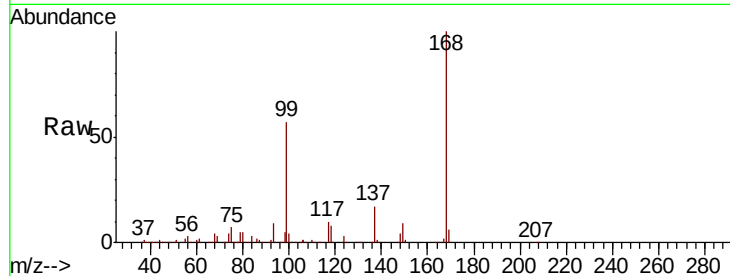
61BR-20200624MS

Tot Ion:168 Resp: 261429

Ion Ratio Lower Upper

168 100

99 56.7 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

100000

80000

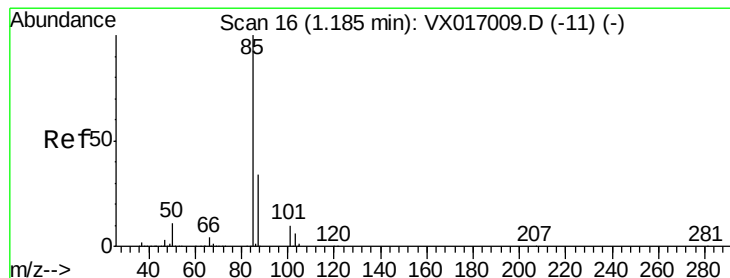
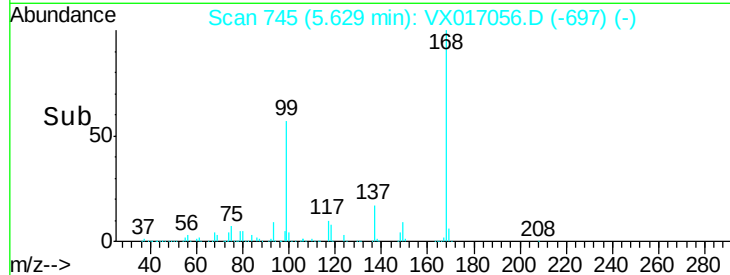
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.408 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017056.D

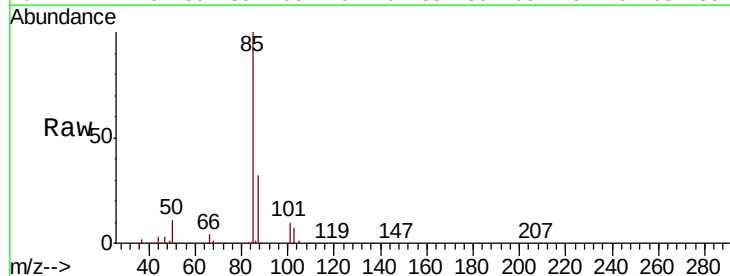
Acq: 30 Jun 2020 19:26

Tgt Ion: 85 Resp: 119903

Ion Ratio Lower Upper

85 100

87 32.0 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

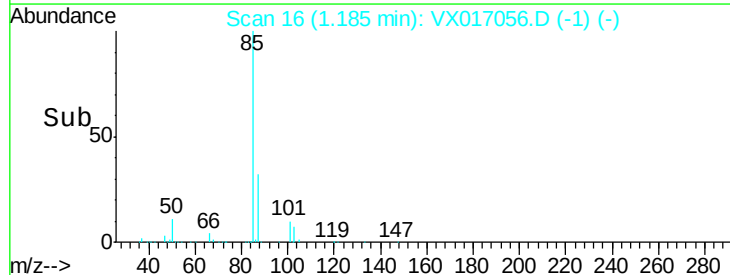
150000

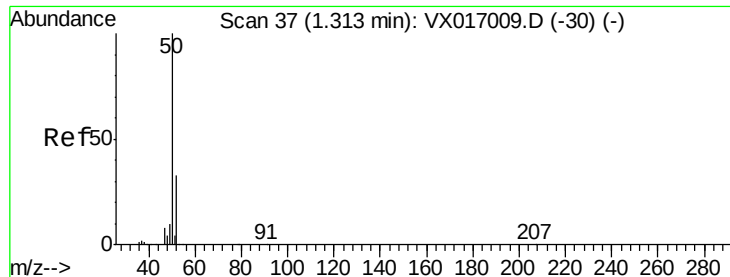
100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.485 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

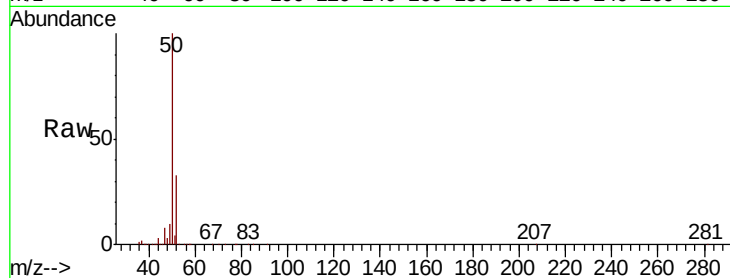
61BR-20200624MS

Tot Ion: 50 Resp: 133125

Ion Ratio Lower Upper

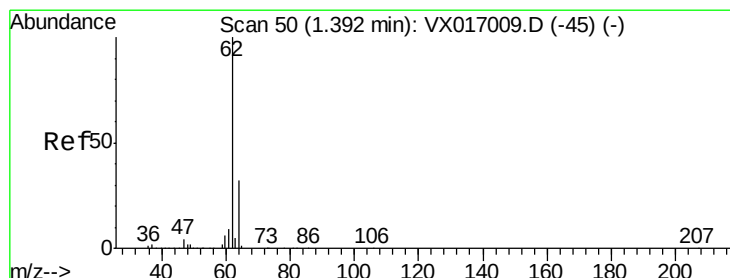
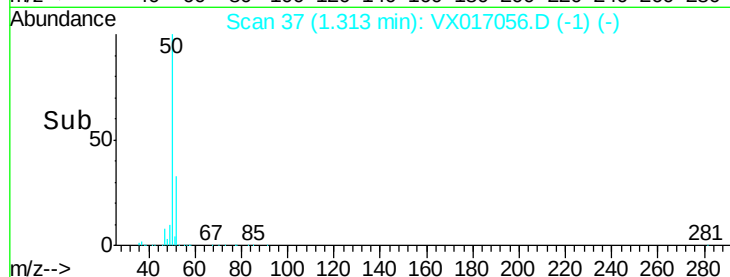
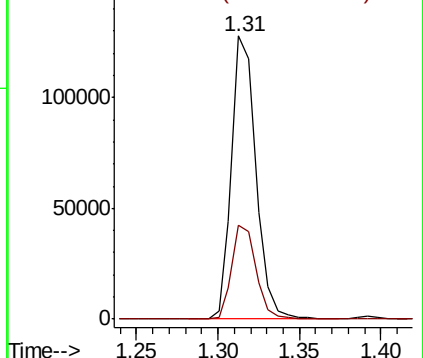
50 100

52 33.1 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: 46.864 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017056.D

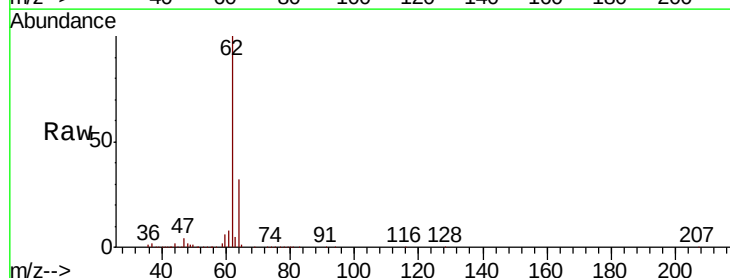
Acq: 30 Jun 2020 19:26

Tgt Ion: 62 Resp: 133113

Ion Ratio Lower Upper

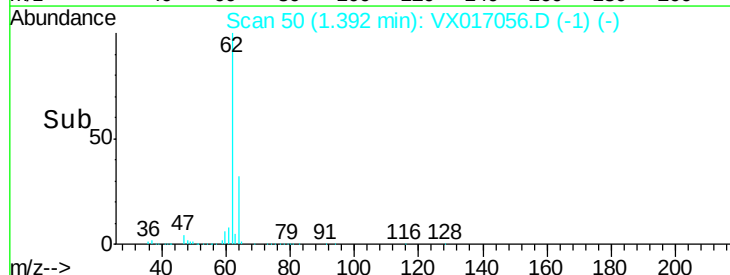
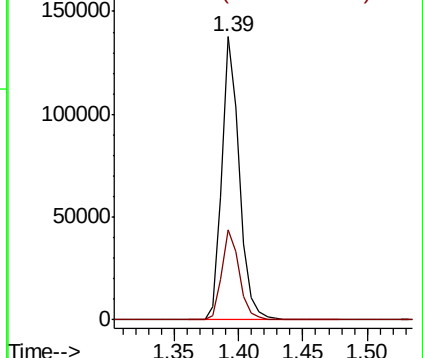
62 100

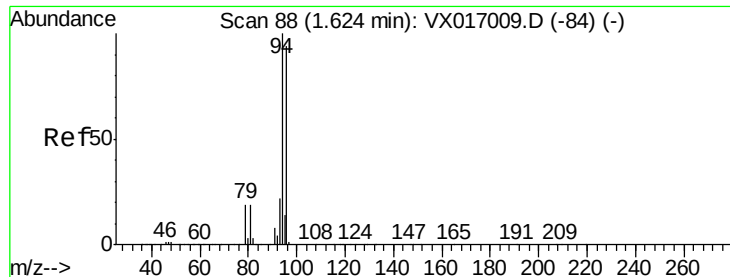
64 31.6 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.145 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

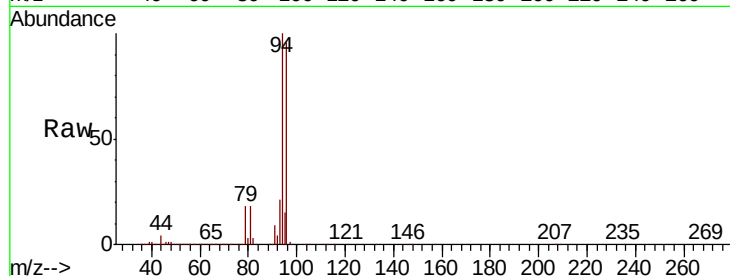
61BR-20200624MS

Tot Ion: 94 Resp: 66248

Ion Ratio Lower Upper

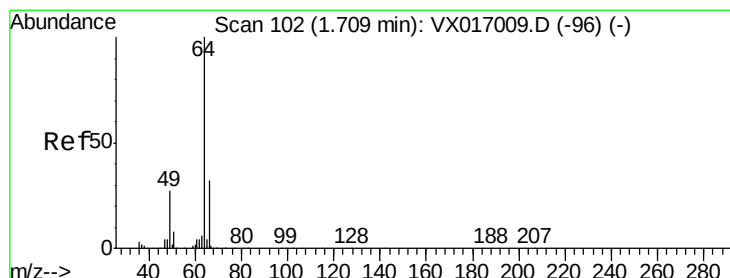
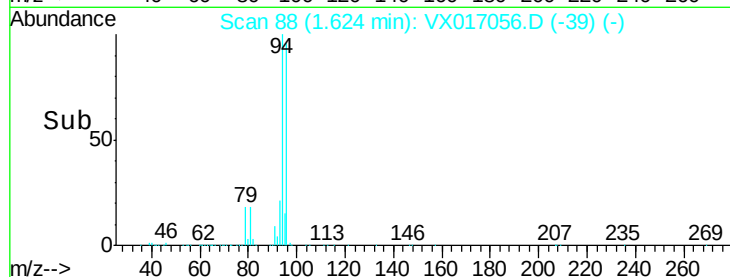
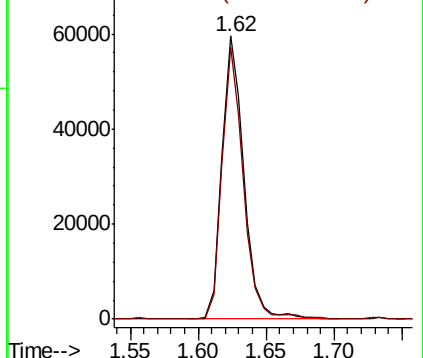
94 100

96 96.2 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.426 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017056.D

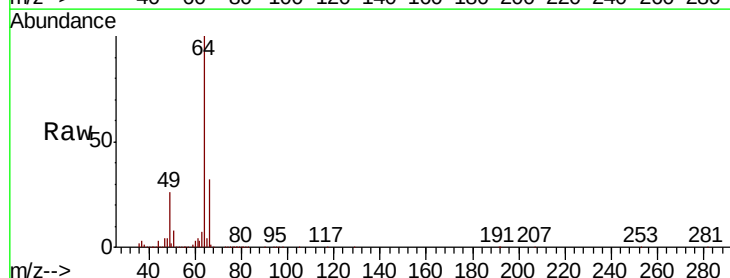
Acq: 30 Jun 2020 19:26

Tgt Ion: 64 Resp: 77882

Ion Ratio Lower Upper

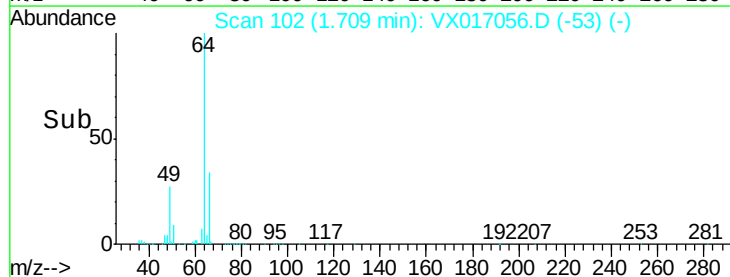
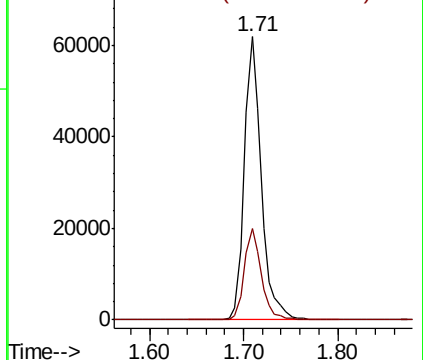
64 100

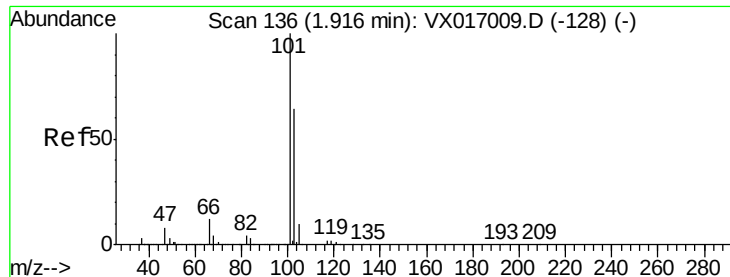
66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



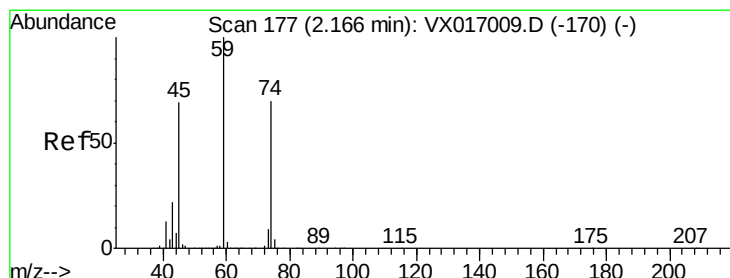
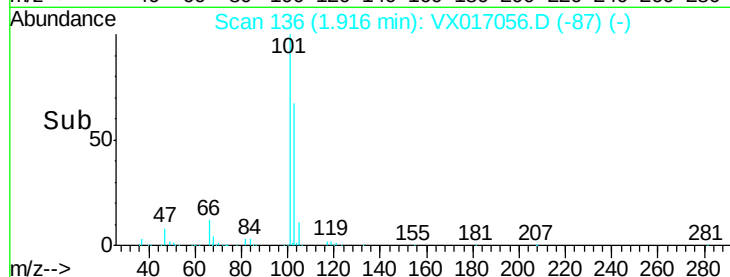
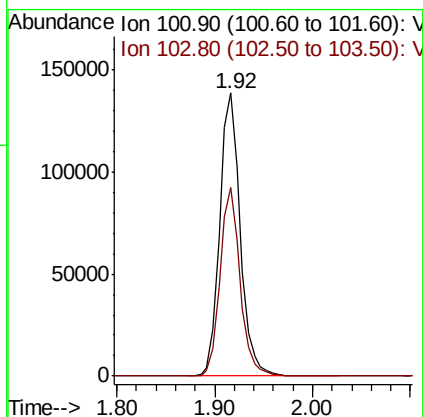
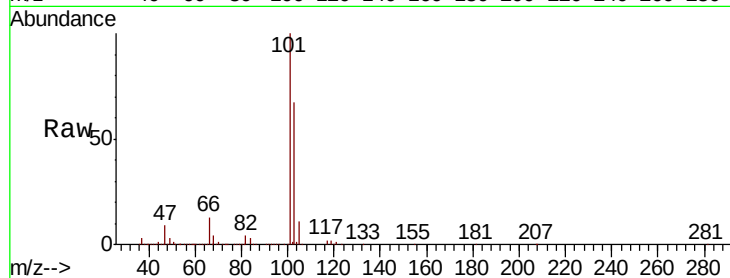


#7

Trichlorofluoromethane
 Concen: 47.906 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Instrument :
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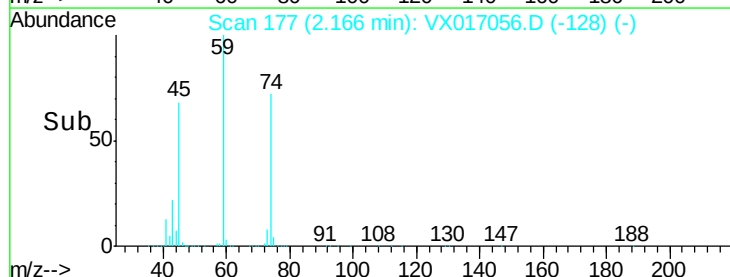
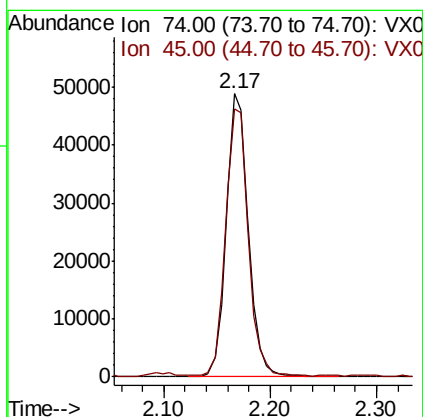
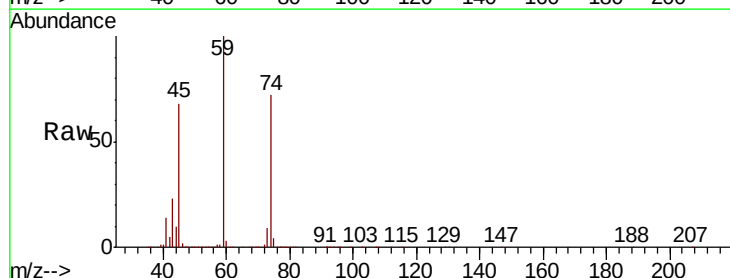
Tot Ion:101 Resp: 201247
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.5 77.3

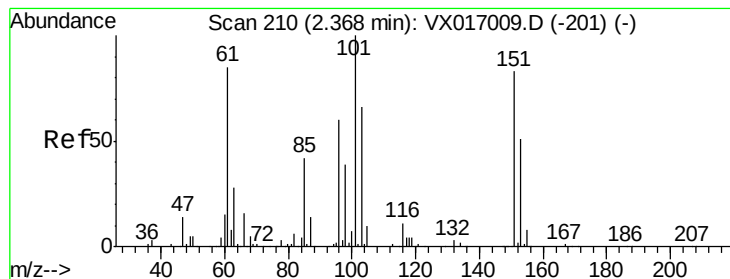


#8

Diethyl Ether
 Concen: 50.233 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Tgt Ion: 74 Resp: 71005
 Ion Ratio Lower Upper
 74 100
 45 96.9 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.569 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

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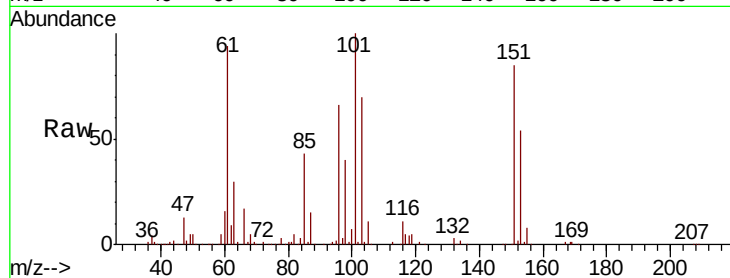
Tot Ion:101 Resp: 114733

Ion Ratio Lower Upper

101 100

85 43.6 33.5 50.3

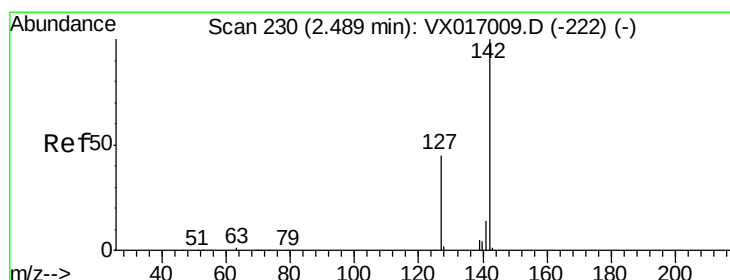
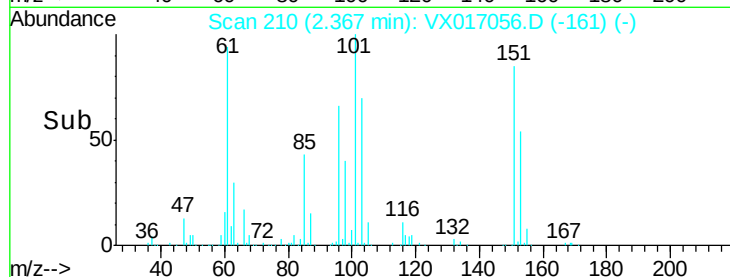
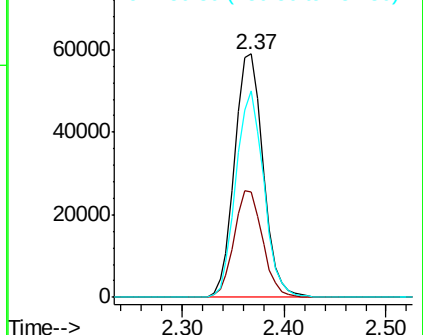
151 82.6 63.8 95.6



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: 35.353 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

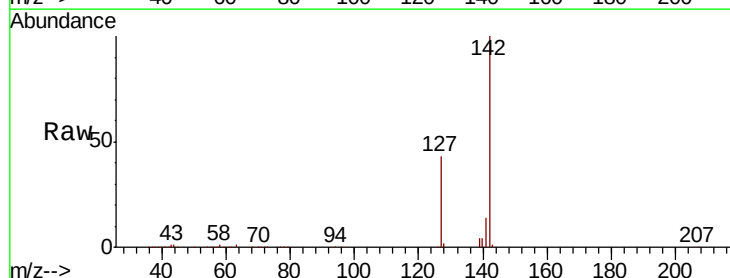
Tgt Ion:142 Resp: 114857

Ion Ratio Lower Upper

142 100

127 43.7 36.6 54.8

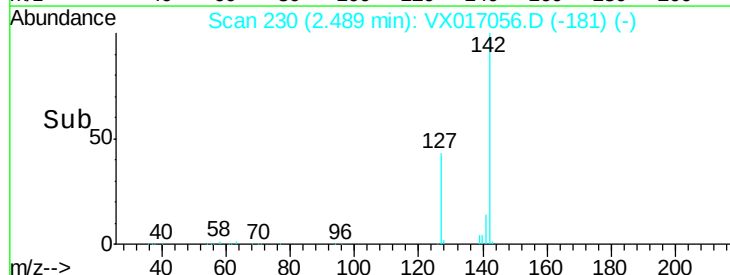
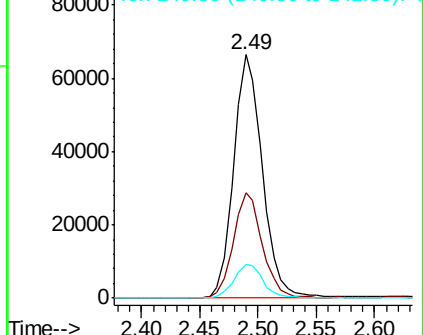
141 14.0 11.6 17.4

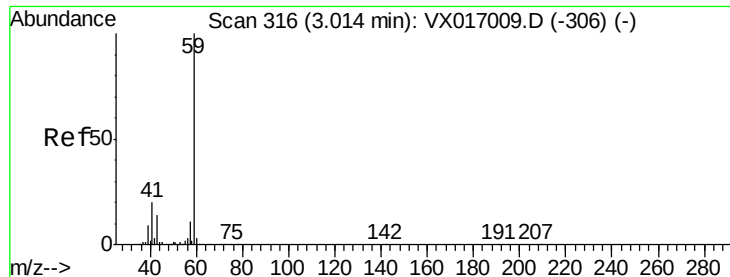


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



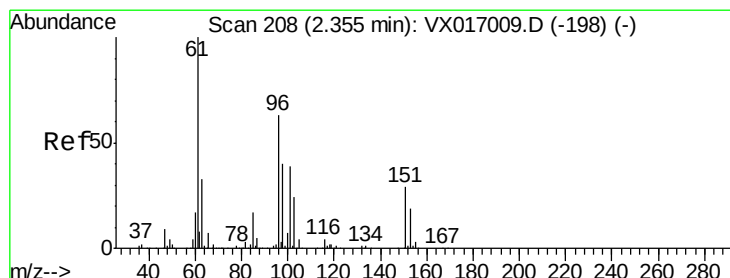
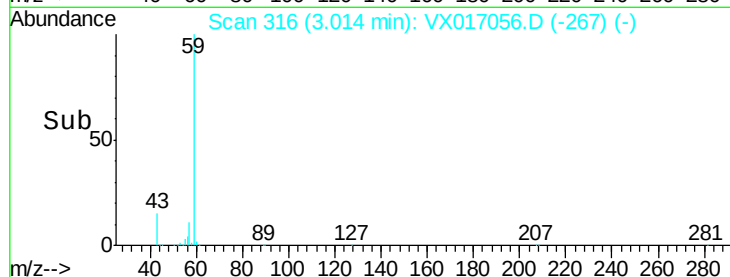
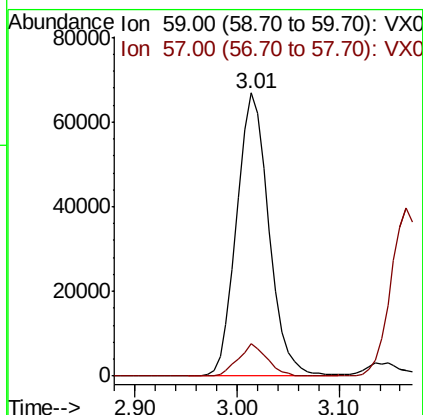
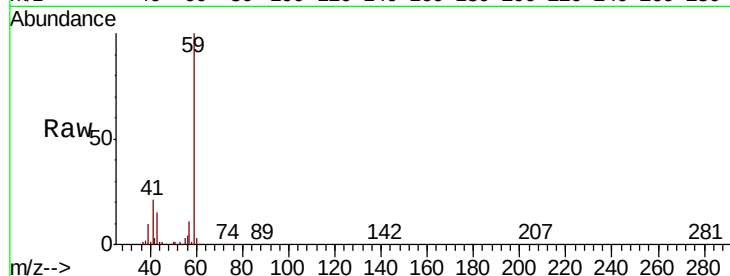


#11

Tert butyl alcohol
 Concen: 238.966 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

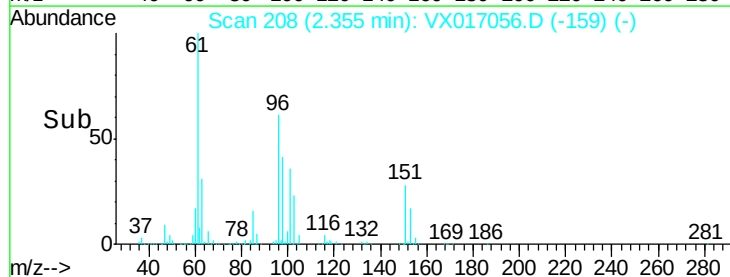
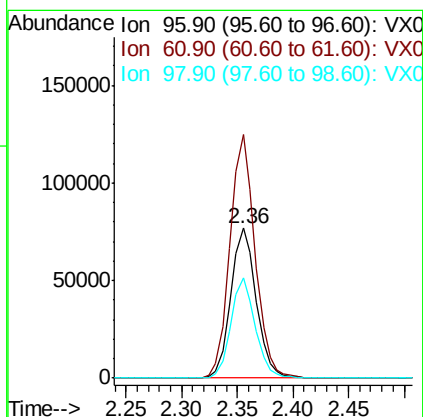
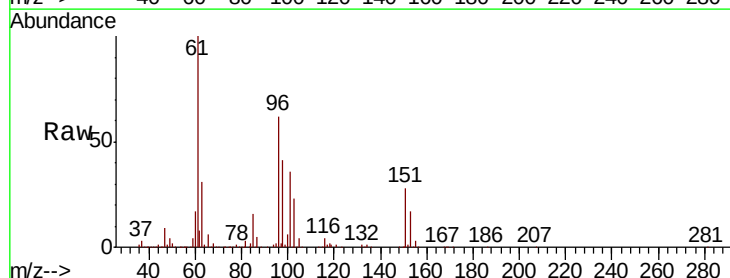
Tot Ion: 59 Resp: 146924
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

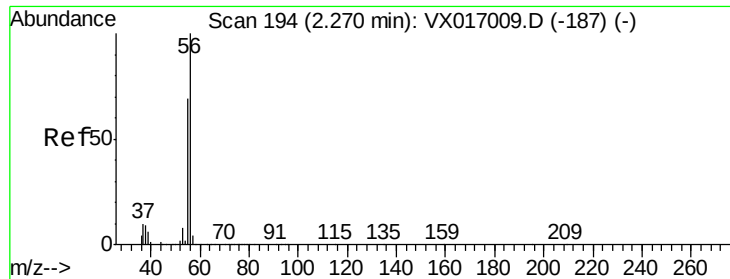


#12

1,1-Dichloroethene
 Concen: 47.032 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Tgt Ion: 96 Resp: 121647
 Ion Ratio Lower Upper
 96 100
 61 162.3 126.3 189.5
 98 66.8 51.0 76.6





#13

Acrolein

Concen: 242.706 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

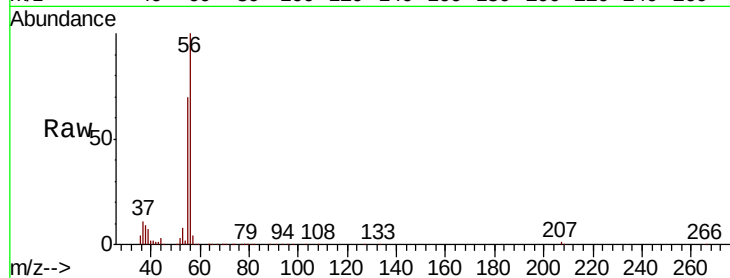
61BR-20200624MS

Tot Ion: 56 Resp: 89203

Ion Ratio Lower Upper

56 100

55 69.3 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

60000

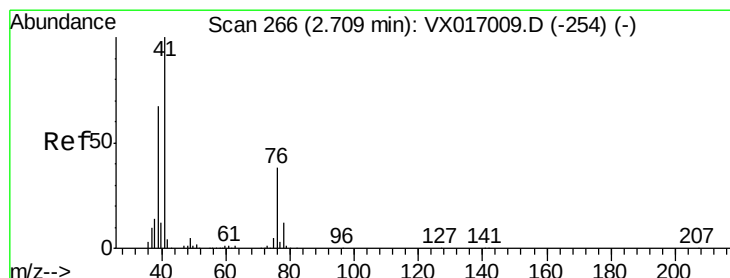
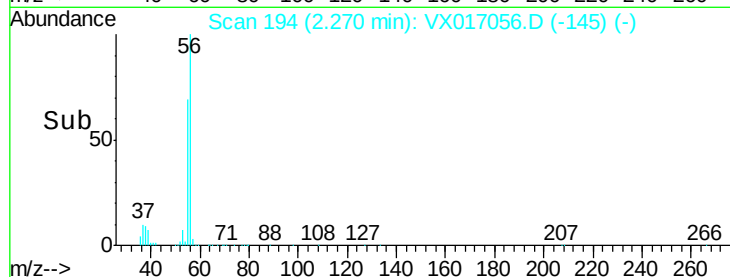
40000

20000

0

2.20 2.25 2.30 2.35 2.40

Time-->



#14

Allyl chloride

Concen: 45.305 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

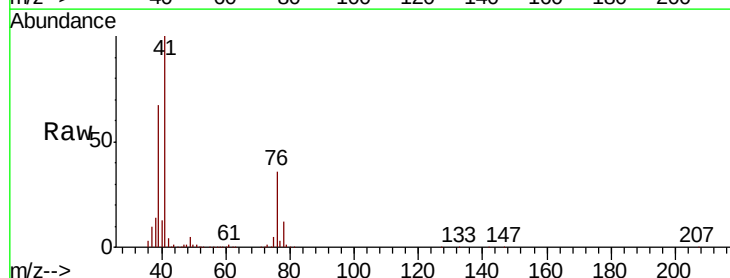
Tgt Ion: 41 Resp: 216558

Ion Ratio Lower Upper

41 100

39 62.3 49.4 74.2

76 33.8 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

150000

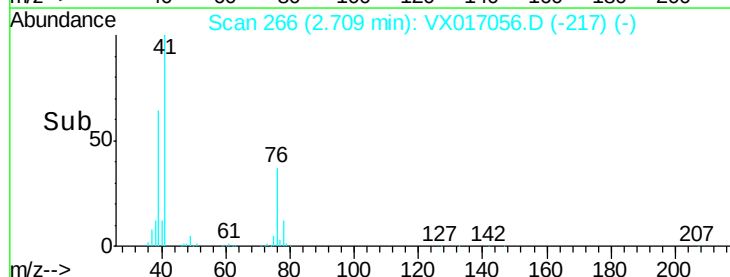
100000

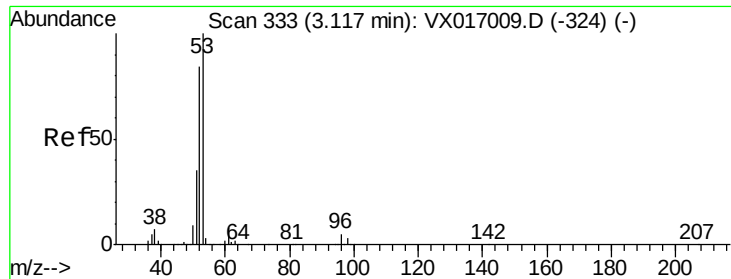
50000

0

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 252.800 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

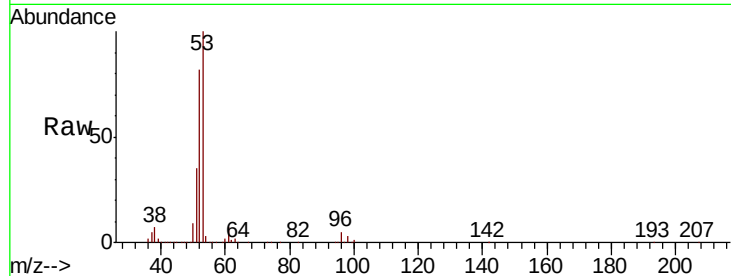
Tot Ion: 53 Resp: 373647

Ion Ratio Lower Upper

53 100

52 82.3 65.6 98.4

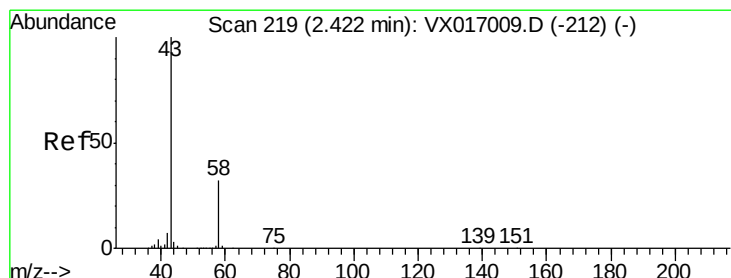
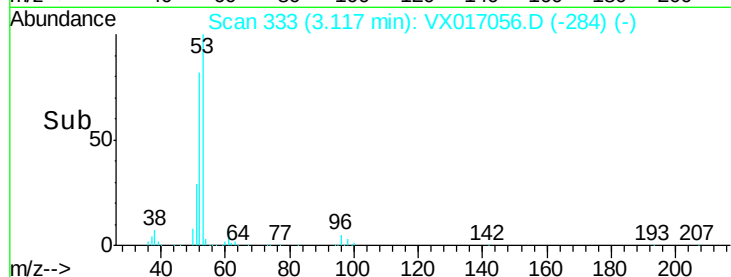
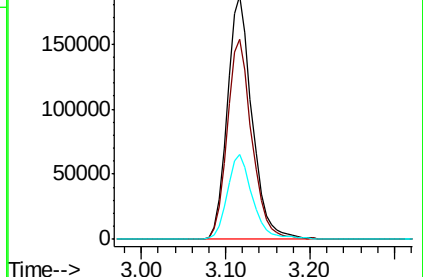
51 35.7 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX017009.D (-324) (-)

Ion 52.00 (51.70 to 52.70): VX017009.D (-324) (-)

Ion 51.00 (50.70 to 51.70): VX017009.D (-324) (-)



#16

Acetone

Concen: 253.448 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017056.D

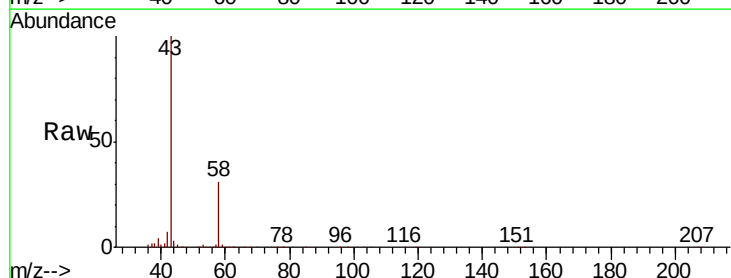
Acq: 30 Jun 2020 19:26

Tgt Ion: 43 Resp: 305571

Ion Ratio Lower Upper

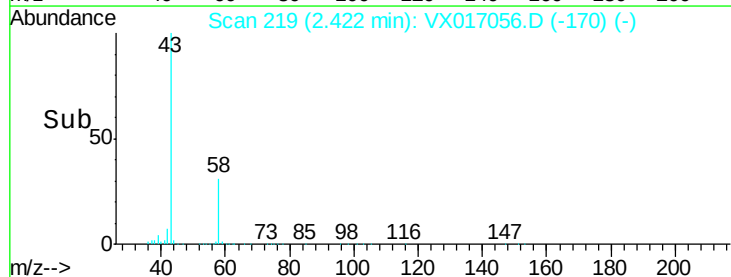
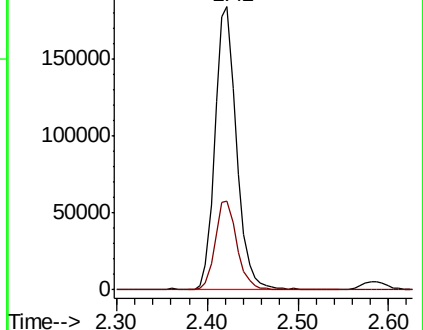
43 100

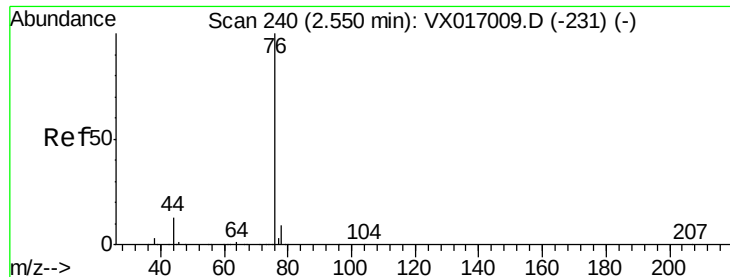
58 31.4 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX017009.D (-212) (-)

Ion 58.00 (57.70 to 58.70): VX017009.D (-212) (-)

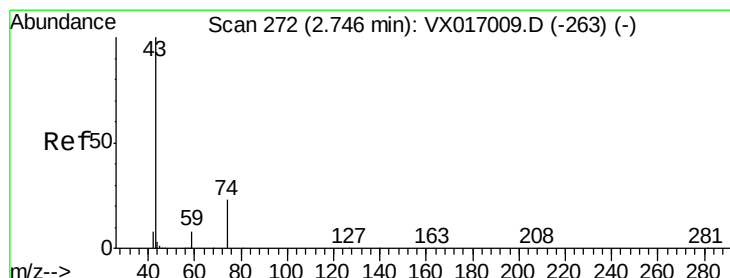
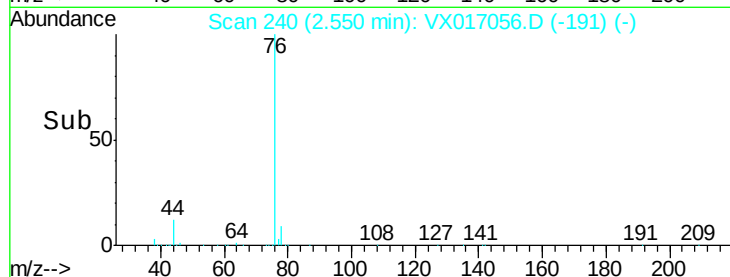
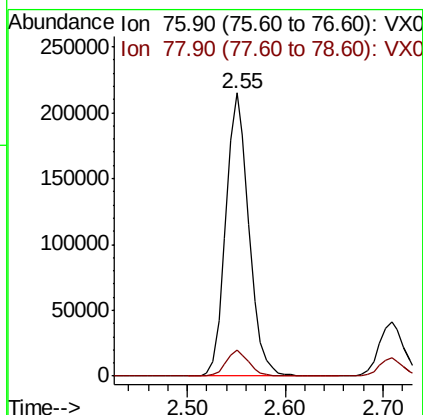
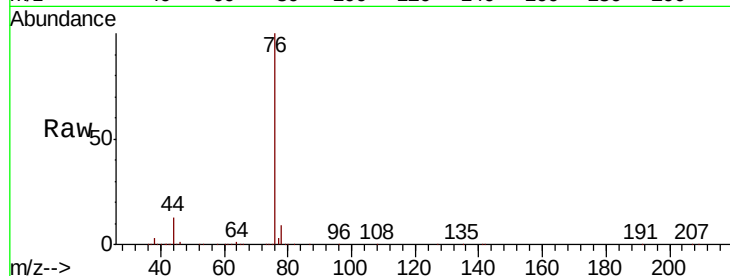




#17
Carbon Disulfide
Concen: 48.670 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

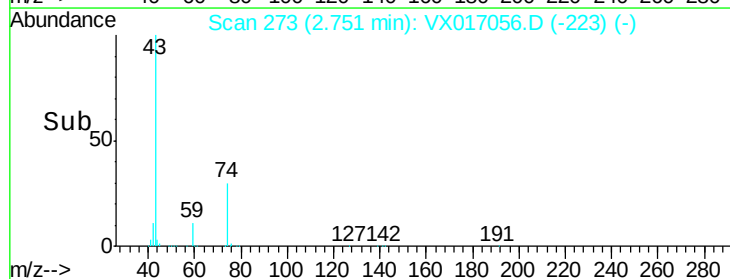
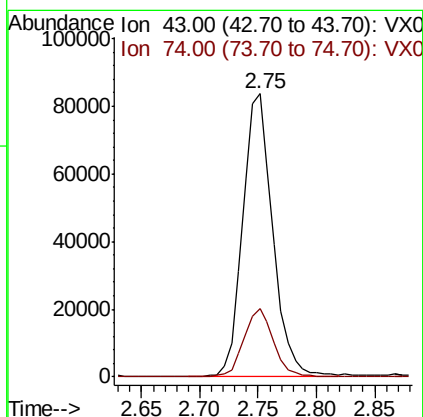
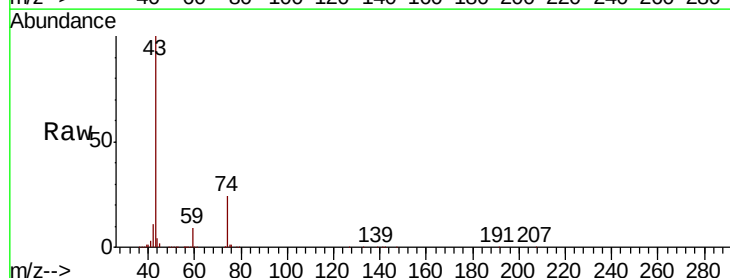
Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

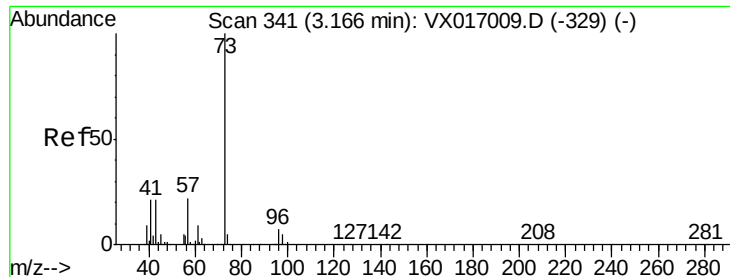
Tot Ion: 76 Resp: 351278
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 47.929 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion: 43 Resp: 150849
Ion Ratio Lower Upper
43 100
74 24.0 19.3 28.9



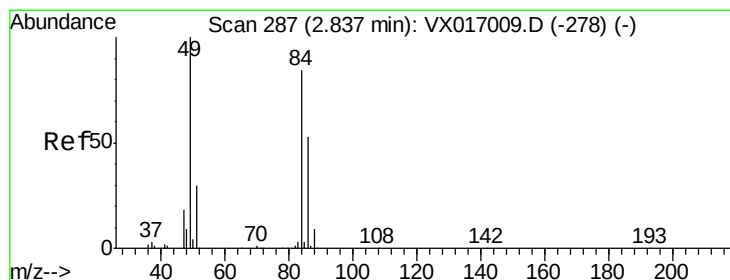
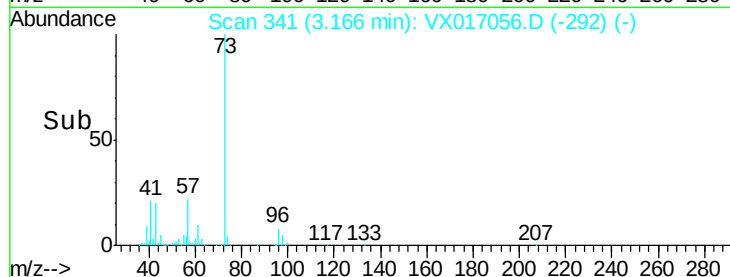
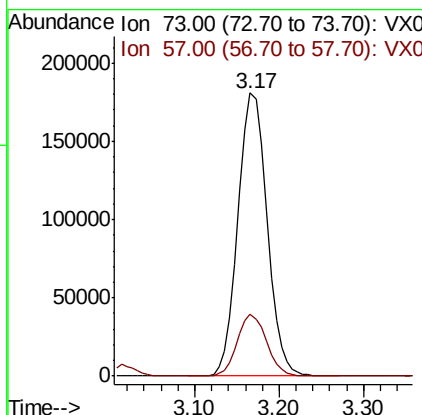
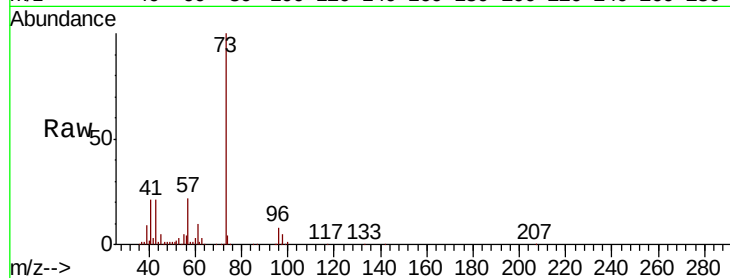


#19

Methyl tert-butyl Ether
 Concen: 48.746 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

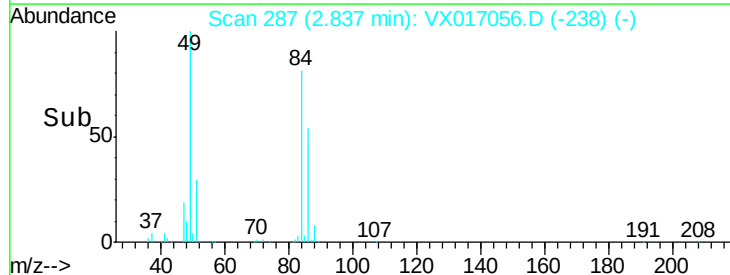
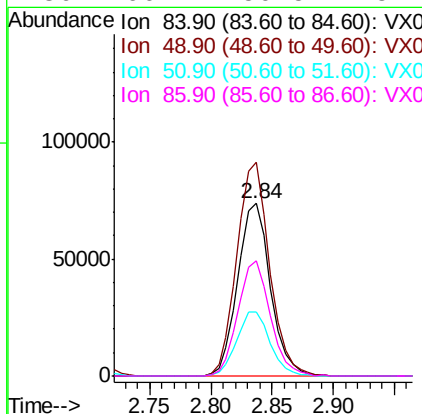
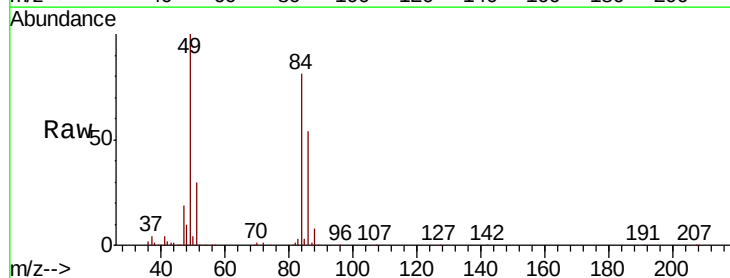
Tot Ion: 73 Resp: 423151
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.6 26.4

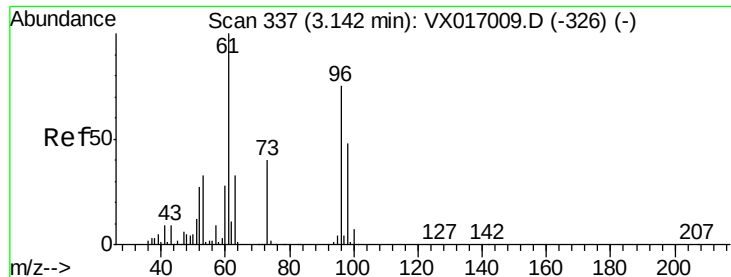


#20

Methylene Chloride
 Concen: 49.626 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Tgt Ion: 84 Resp: 137239
 Ion Ratio Lower Upper
 84 100
 49 124.0 94.7 142.1
 51 37.0 28.6 42.8
 86 66.7 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 47.798 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

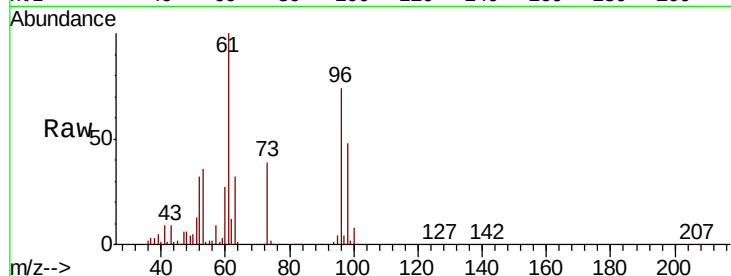
Tot Ion: 96 Resp: 137197

Ion Ratio Lower Upper

96 100

61 135.2 107.0 160.6

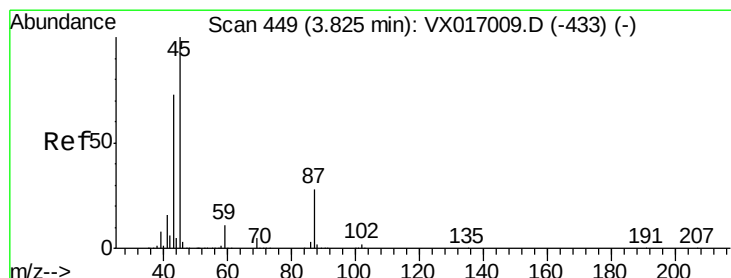
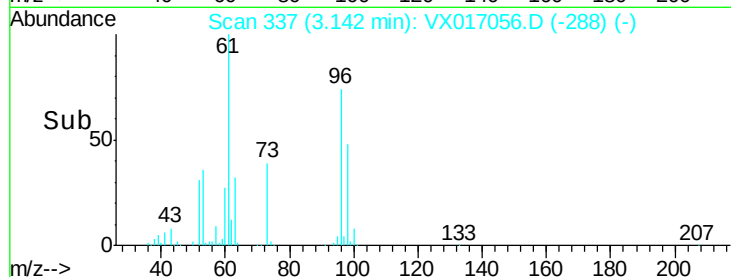
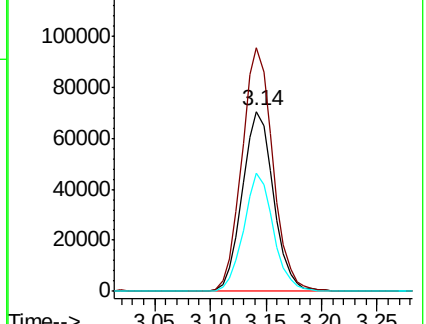
98 65.3 51.6 77.4



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: 48.423 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Tgt Ion: 45 Resp: 428395

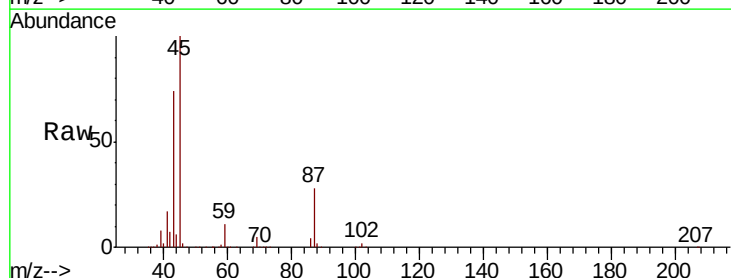
Ion Ratio Lower Upper

45 100

43 73.9 58.6 88.0

87 28.3 22.6 34.0

59 11.4 8.7 13.1

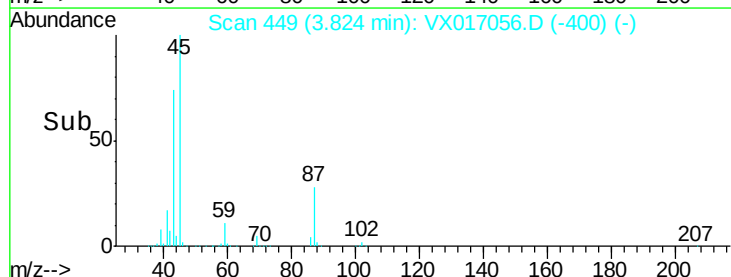
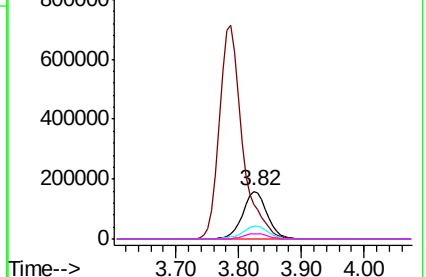


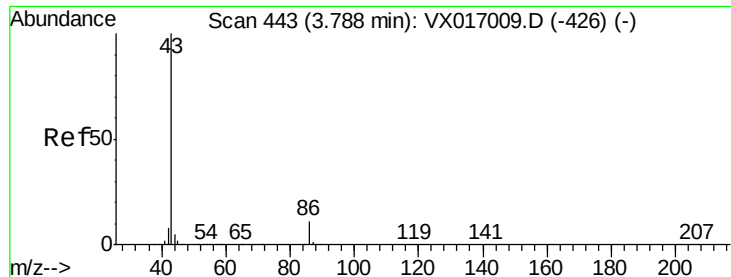
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 238.645 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

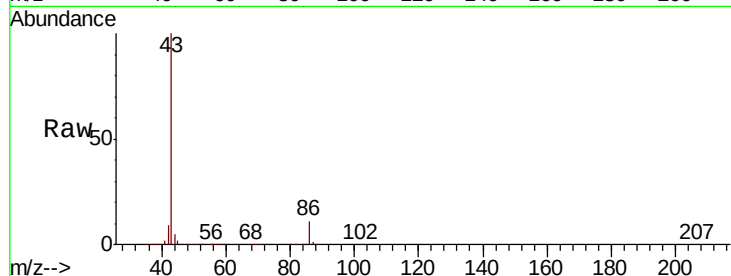
61BR-20200624MS

Tot Ion: 43 Resp: 1814248

Ion Ratio Lower Upper

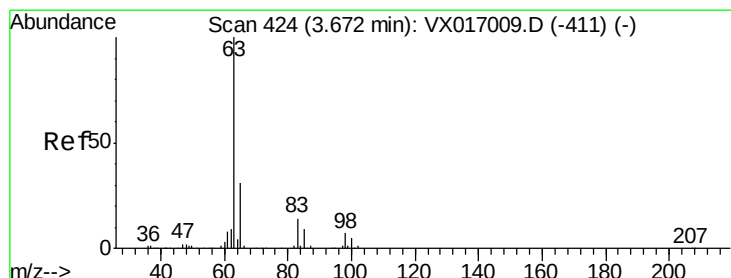
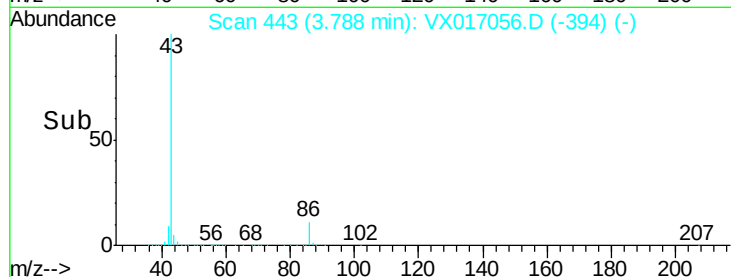
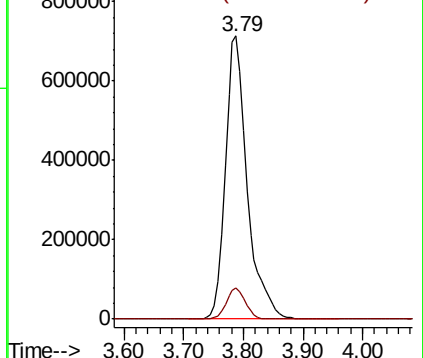
43 100

86 11.1 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.609 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

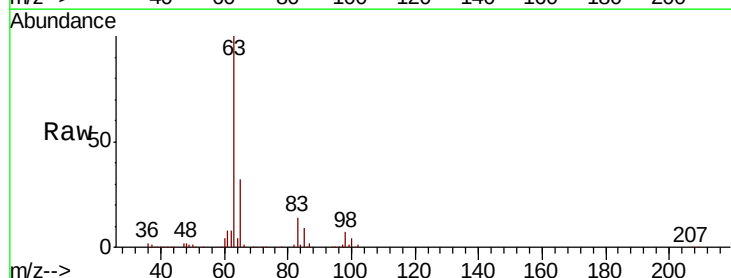
Tgt Ion: 63 Resp: 239660

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

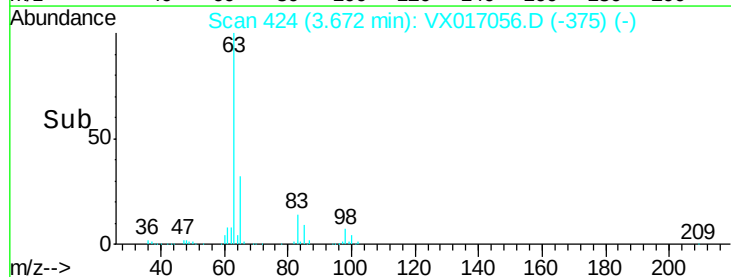
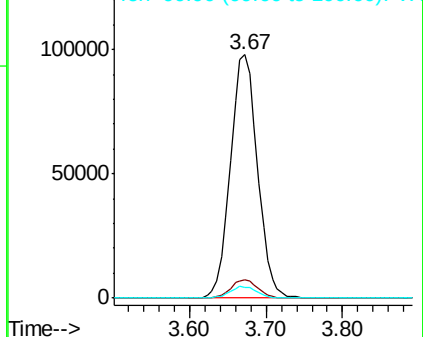
100 4.3 2.4 7.1

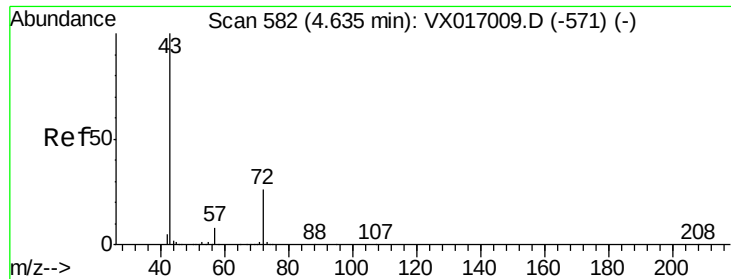


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

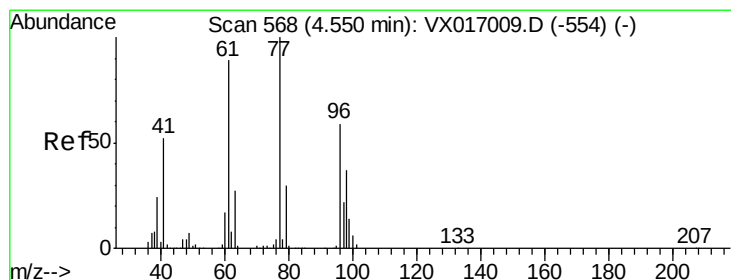
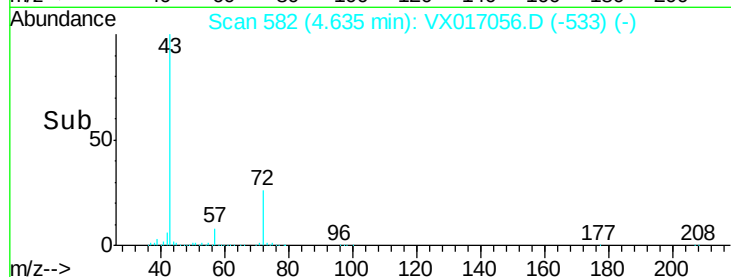
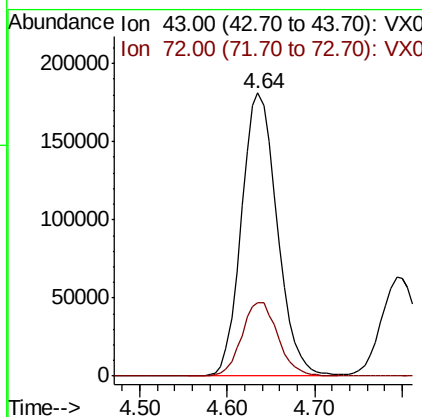
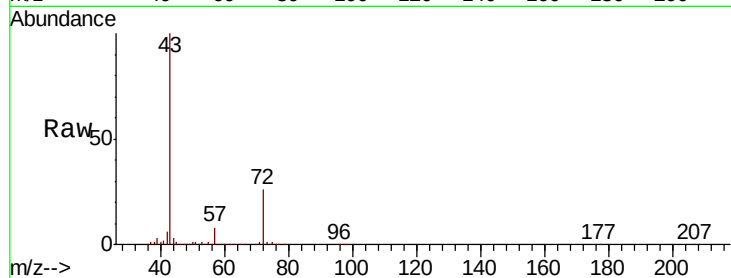




#25
2-Butanone
Concen: 255.426 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

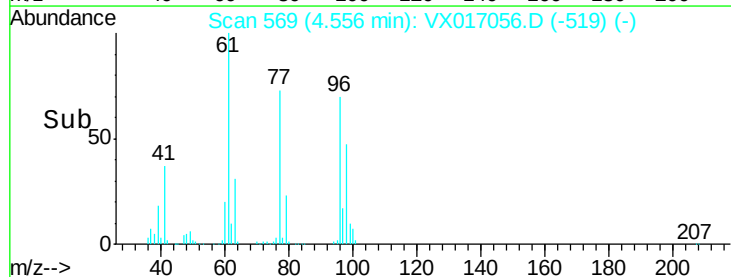
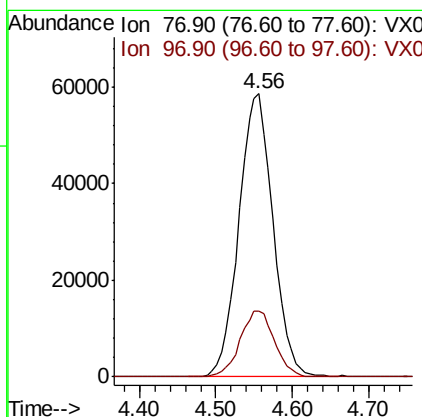
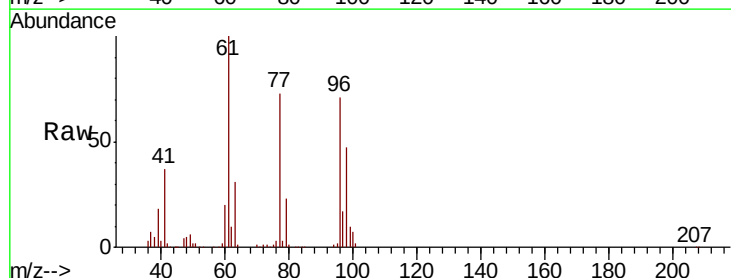
Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

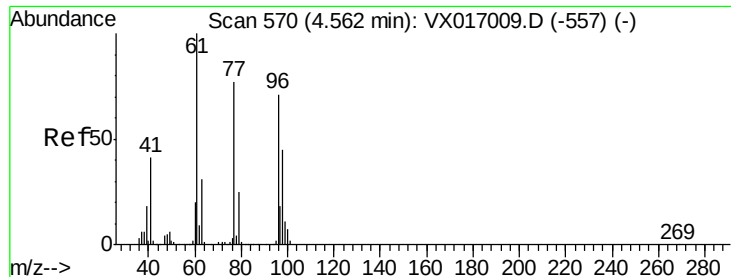
Tot Ion: 43 Resp: 513133
Ion Ratio Lower Upper
43 100
72 26.0 20.8 31.2



#26
2,2-Dichloropropane
Concen: 40.490 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion: 77 Resp: 180974
Ion Ratio Lower Upper
77 100
97 23.6 11.4 34.2



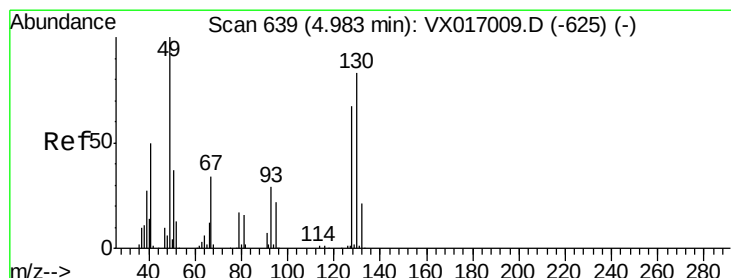
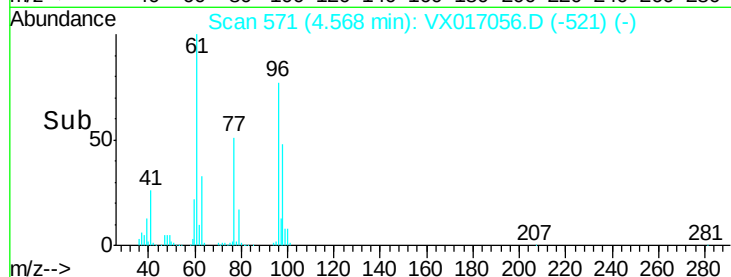
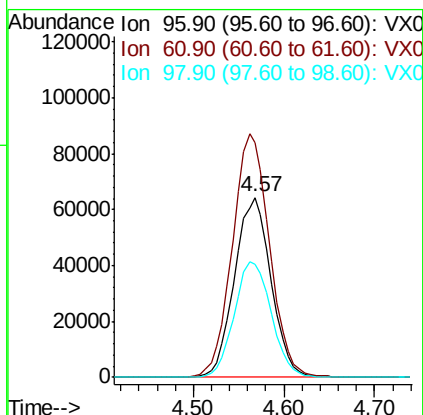
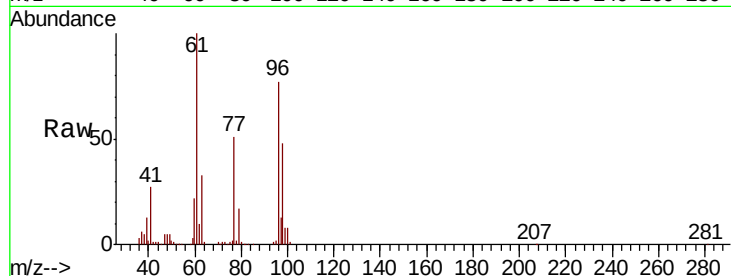


#27

cis-1,2-Dichloroethene
Concen: 55.287 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

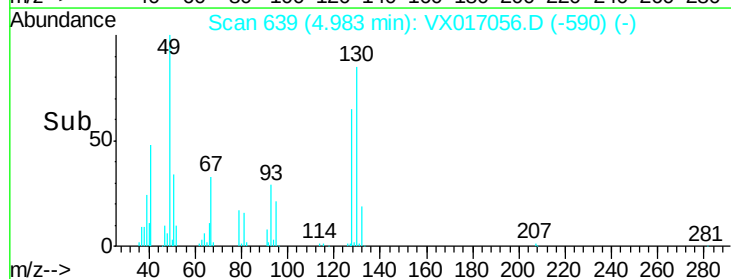
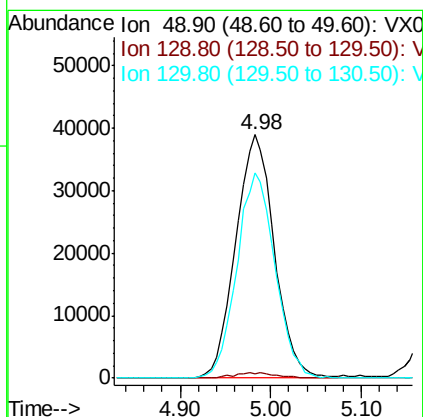
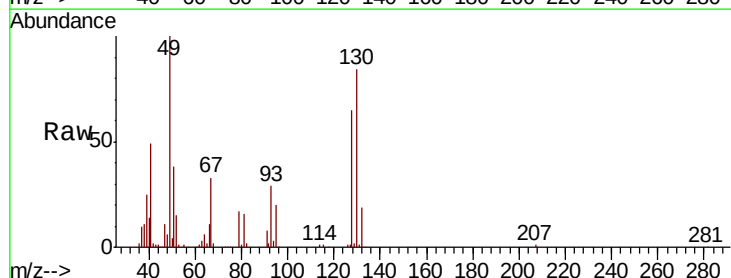
Tot Ion	96	Resp	179806
Ion	Ratio	Lower	Upper
96	100		
61	137.9	0.0	282.8
98	65.3	0.0	127.6

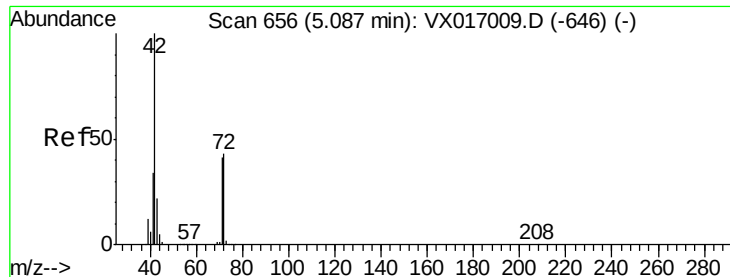


#28

Bromochloromethane
Concen: 47.014 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion	49	Resp	115164
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	83.2	66.6	100.0





#29

Tetrahydrofuran

Concen: 255.199 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

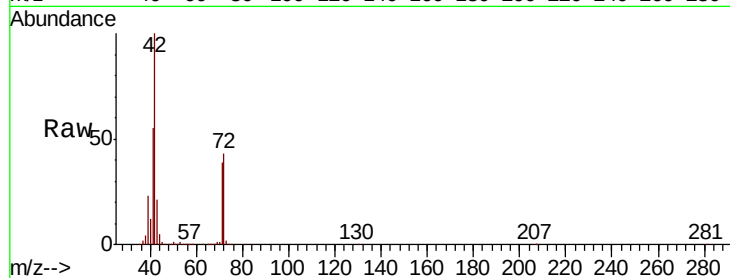
Tot Ion: 42 Resp: 338737

Ion Ratio Lower Upper

42 100

72 44.9 35.3 52.9

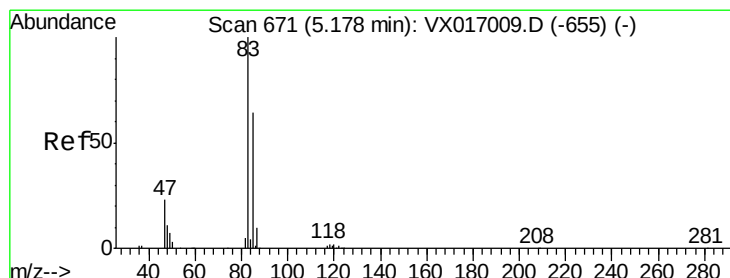
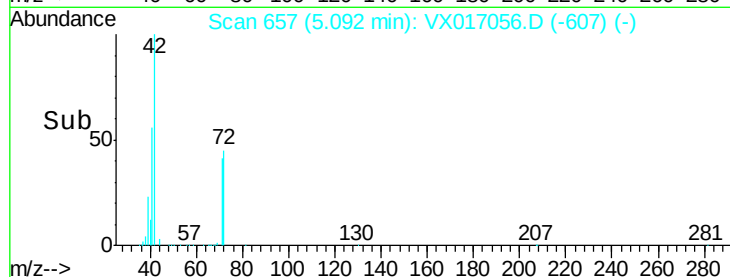
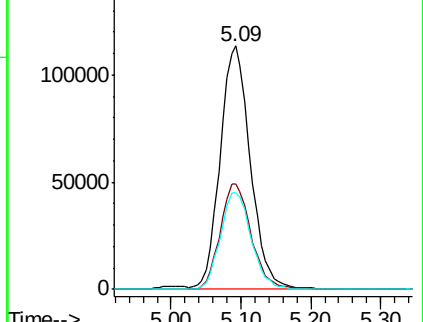
71 41.0 33.1 49.7



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: 47.830 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017056.D

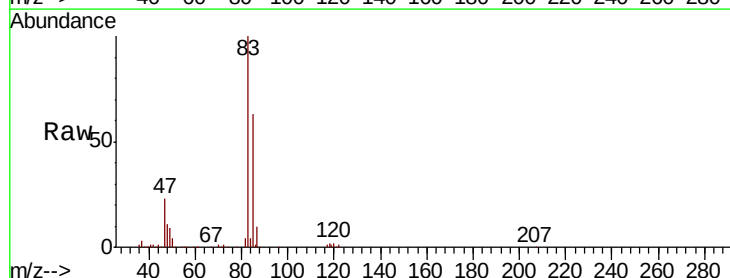
Acq: 30 Jun 2020 19:26

Tgt Ion: 83 Resp: 246817

Ion Ratio Lower Upper

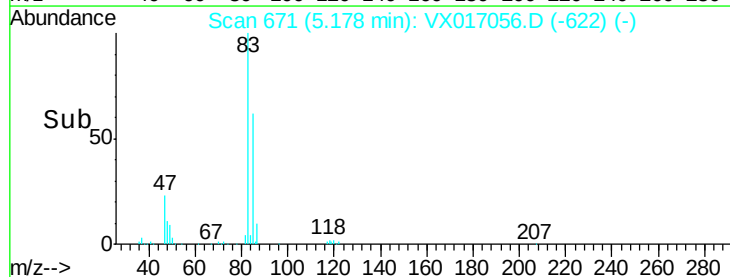
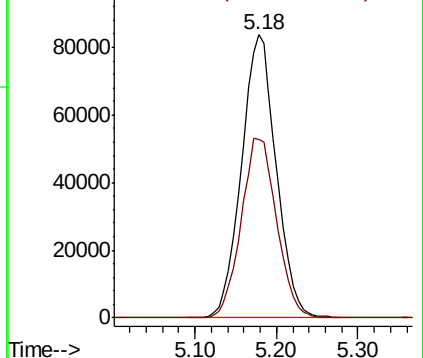
83 100

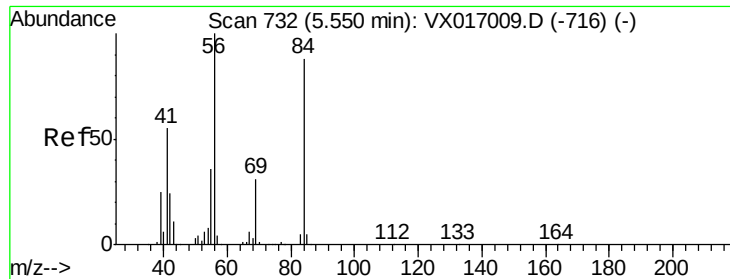
85 62.8 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

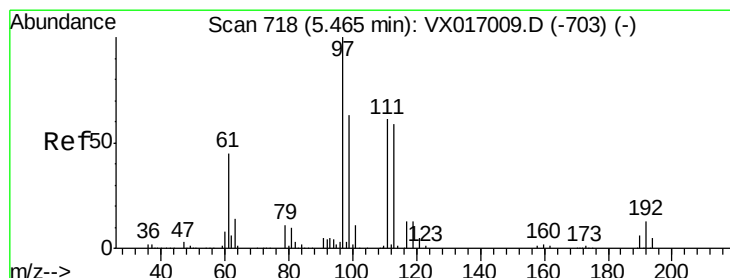
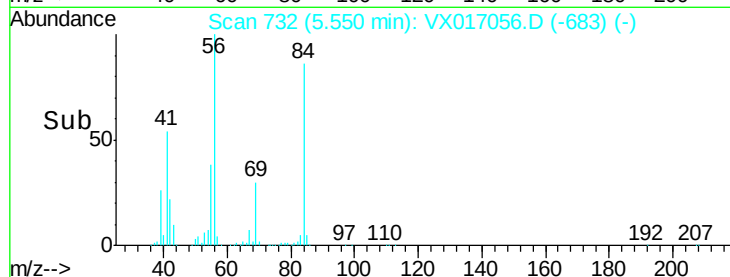
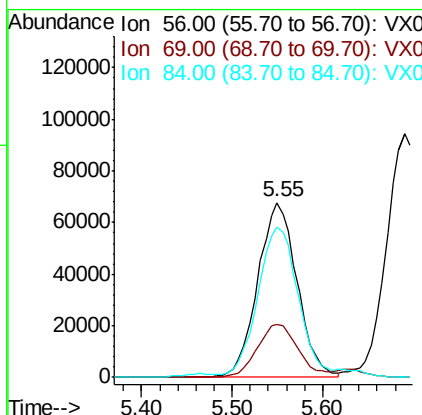
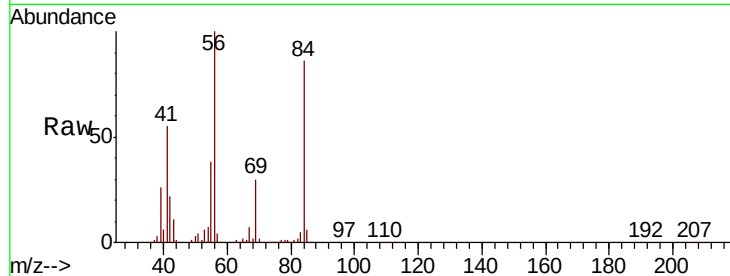




#31
Cyclohexane
Concen: 46.736 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

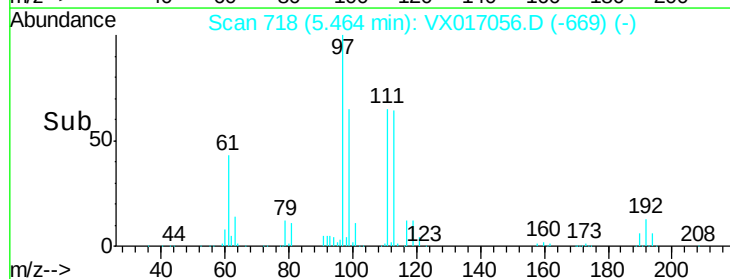
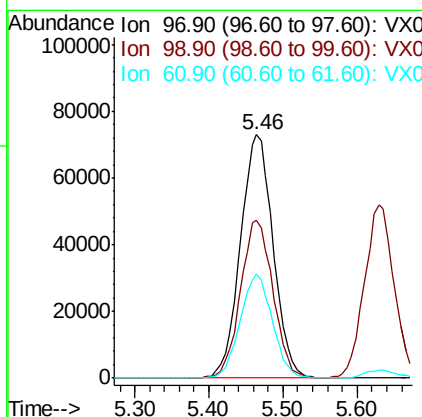
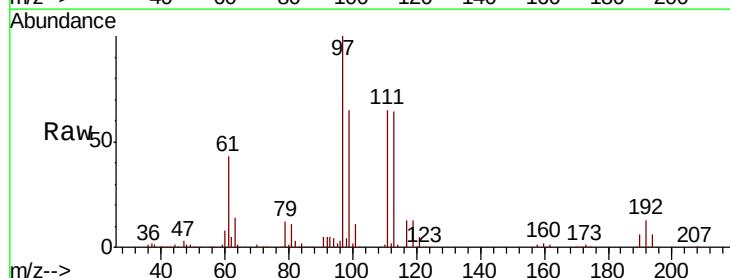
Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

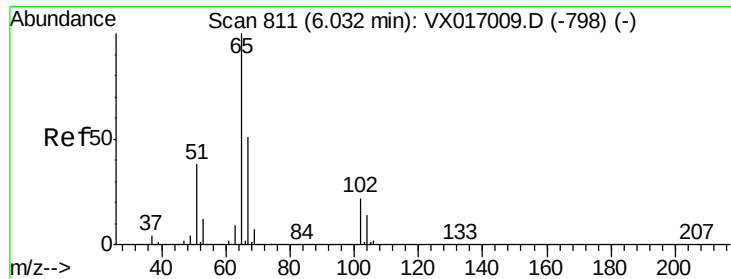
Tot Ion: 56 Resp: 203357
Ion Ratio Lower Upper
56 100
69 29.9 25.0 37.4
84 84.4 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 47.299 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion: 97 Resp: 224783
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 42.3 33.7 50.5

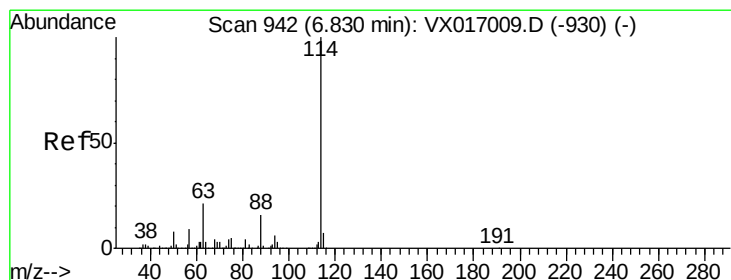
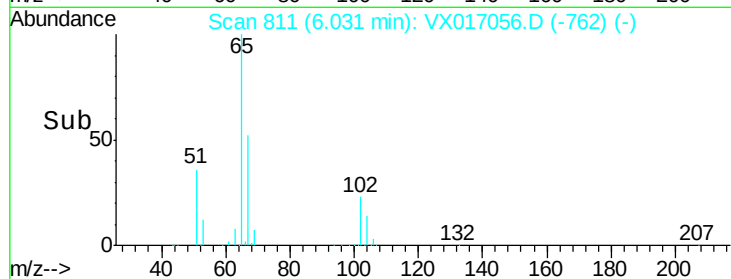
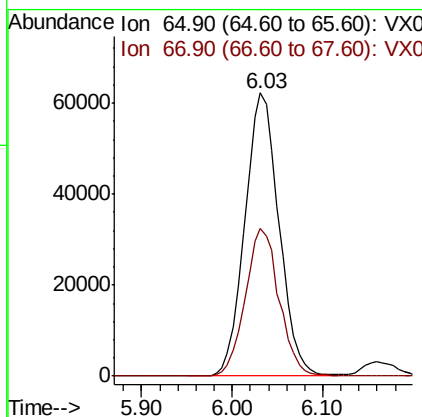
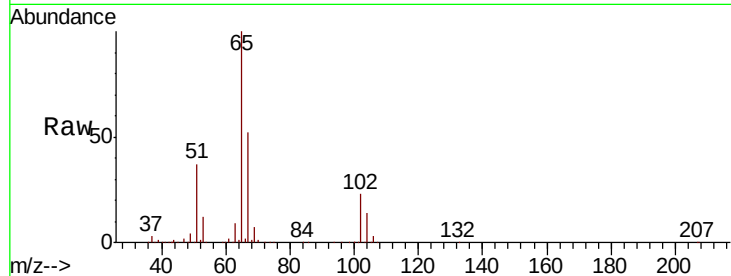




#33
 1,2-Dichloroethane-d4
 Concen: 50.358 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

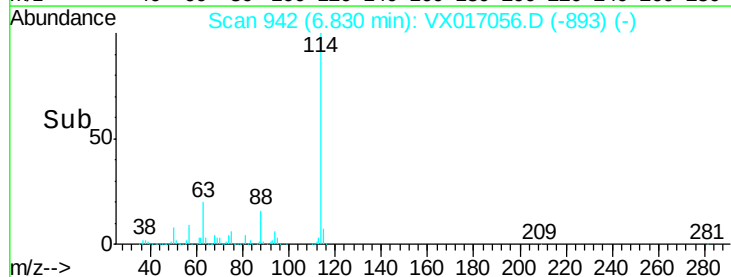
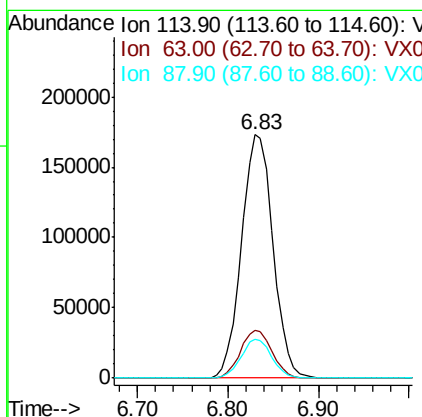
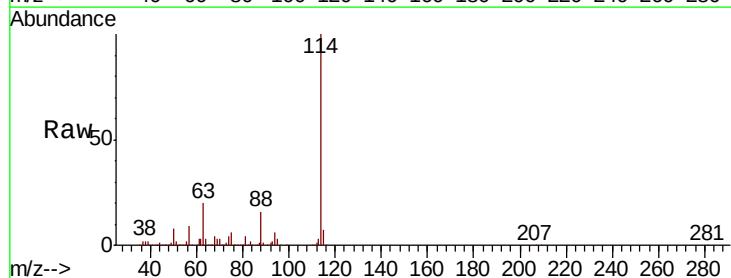
Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

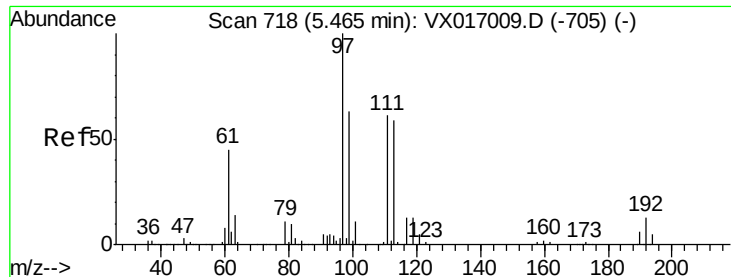
Tot Ion: 65 Resp: 162300
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Tgt Ion: 114 Resp: 415947
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 16.0 0.0 32.4

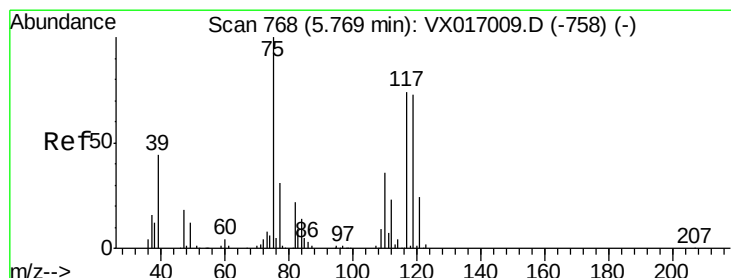
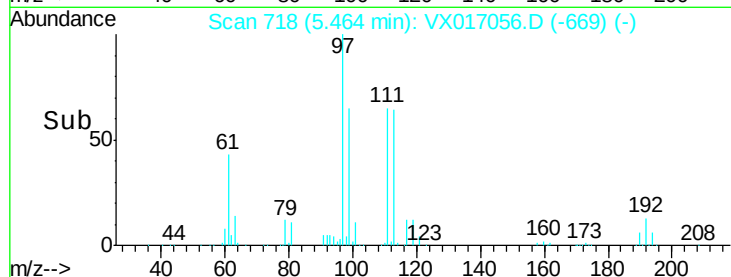
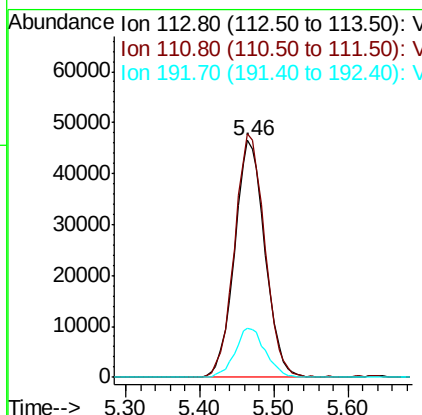
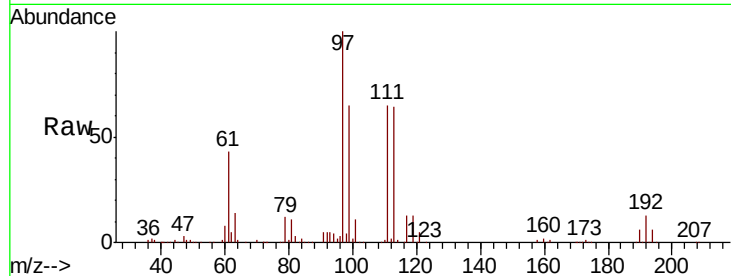




#35
 Dibromofluoromethane
 Concen: 50.473 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

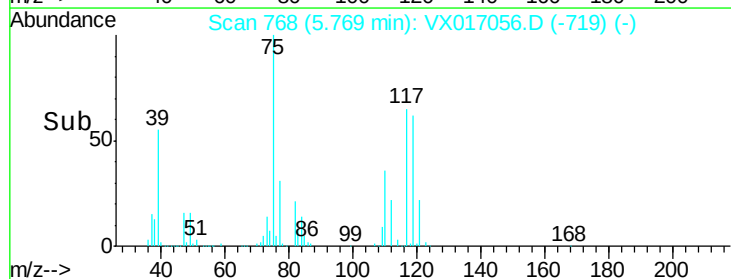
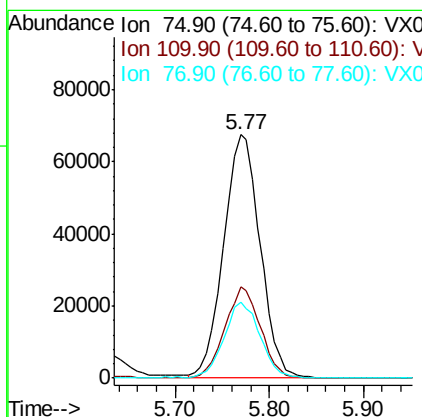
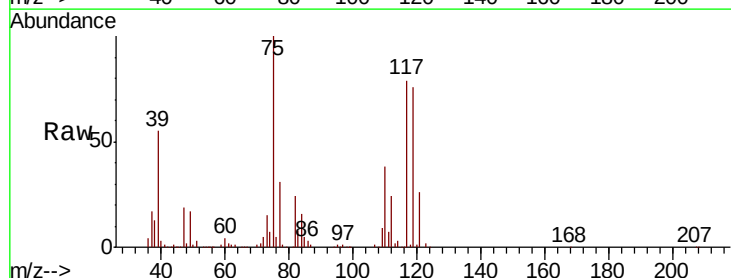
Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

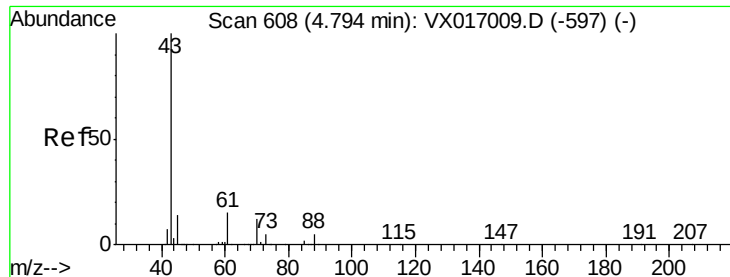
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	21.0	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 45.976 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.1	54.1
77	31.0	24.6	37.0

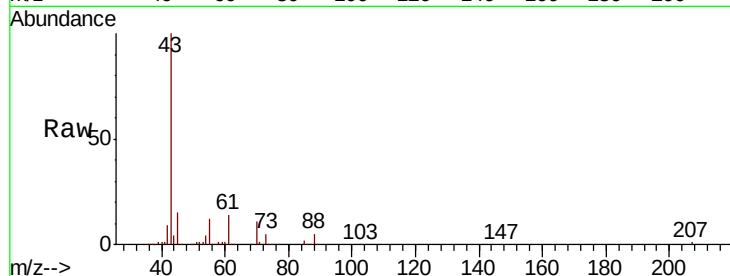




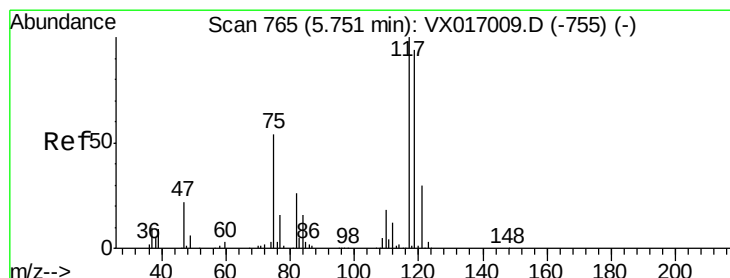
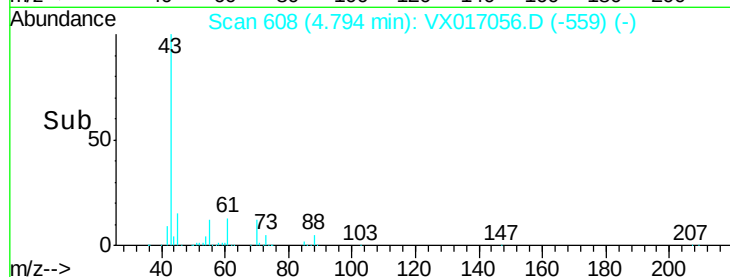
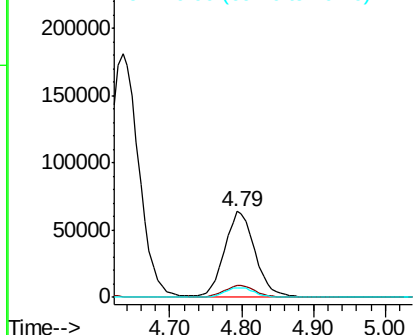
#37
Ethyl Acetate
Concen: 47.033 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

Tot Ion: 43 Resp: 187599
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.4
70 11.2 8.9 13.3

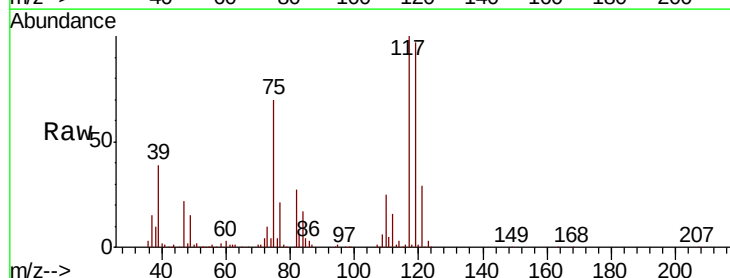


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

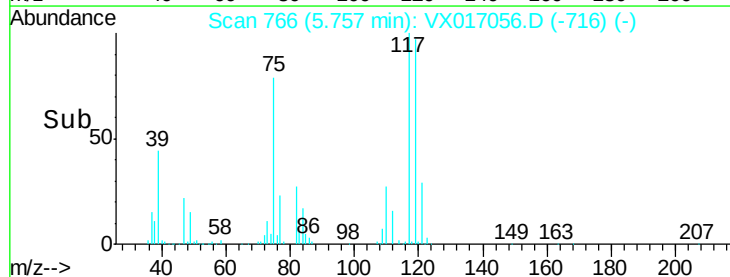
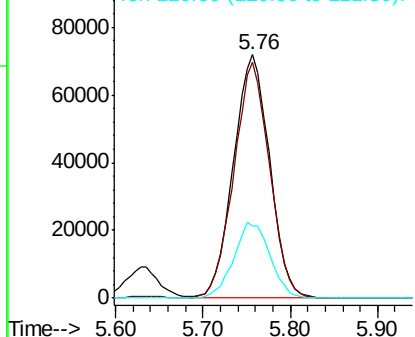


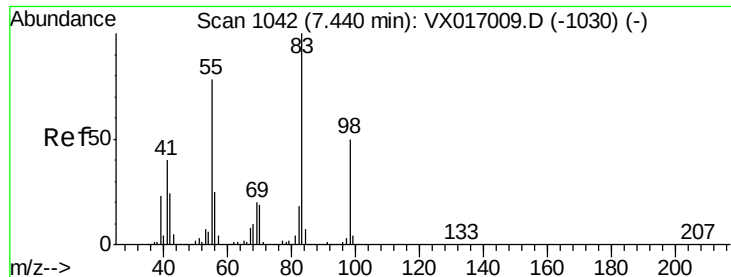
#38
Carbon Tetrachloride
Concen: 47.767 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion: 117 Resp: 206827
Ion Ratio Lower Upper
117 100
119 96.7 75.4 113.0
121 29.4 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

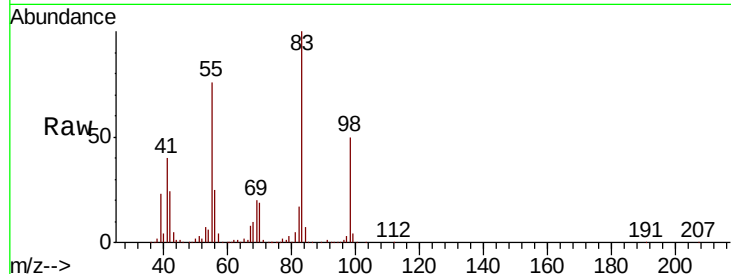




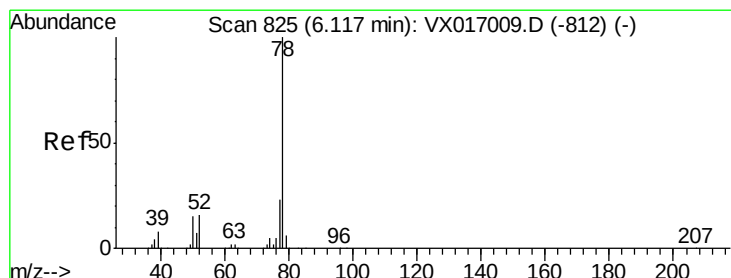
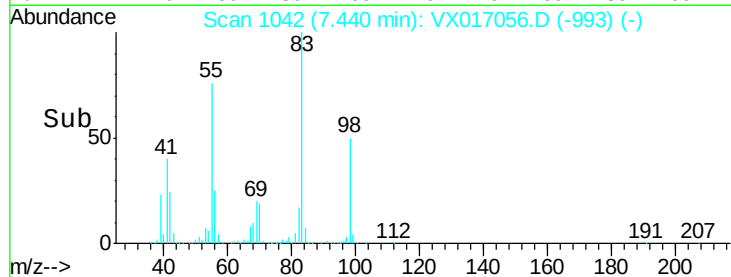
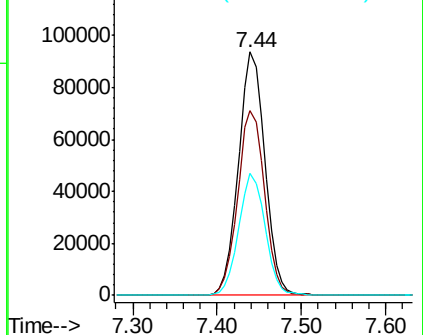
#39
Methylvlcyclohexane
Concen: 45.366 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

Tot Ion: 83 Resp: 198430
Ion Ratio Lower Upper
83 100
55 75.8 62.5 93.7
98 50.3 40.1 60.1

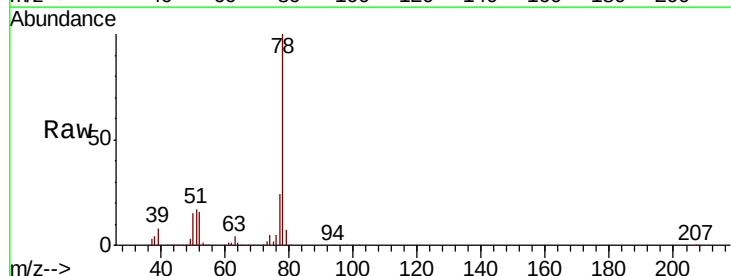


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

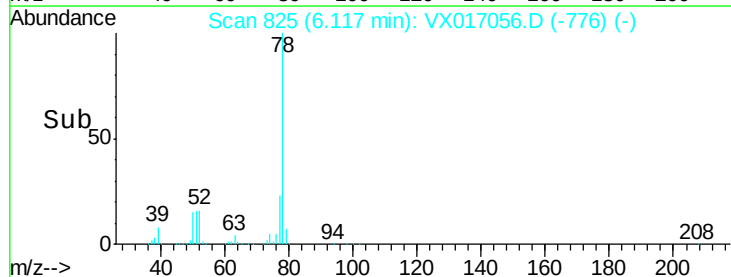
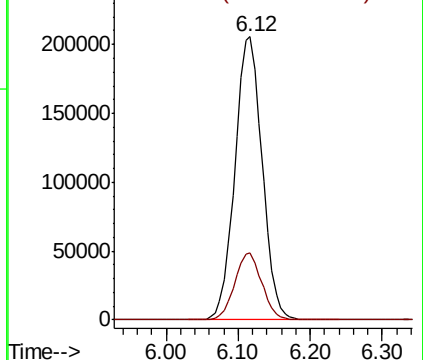


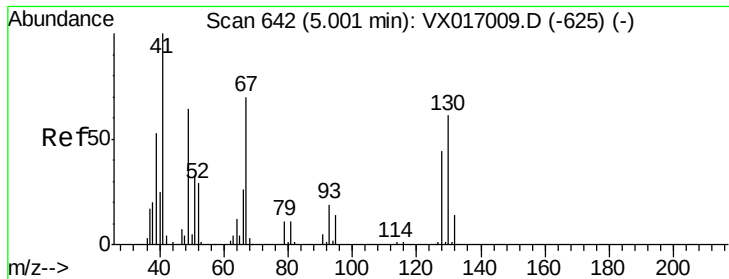
#40
Benzene
Concen: 46.762 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion: 78 Resp: 540129
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

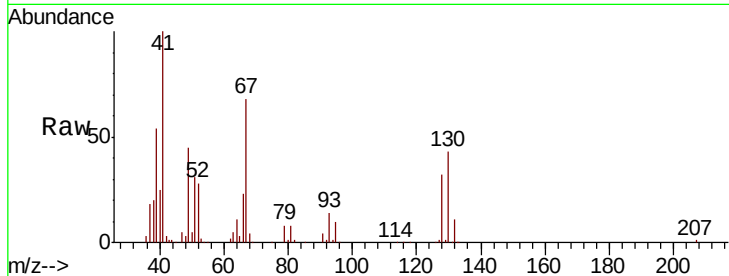




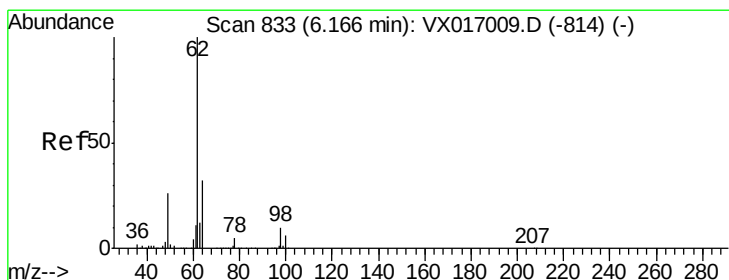
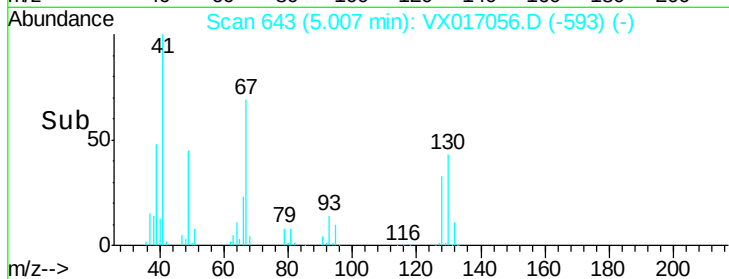
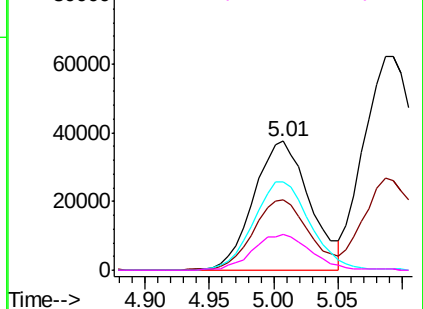
#41
Methacrylonitrile
Concen: 50.421 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

Tot Ion:	41	Resp:	113191
Ion	Ratio	Lower	Upper
41	100		
39	54.7	44.4	66.6
67	69.5	57.1	85.7
52	28.8	23.2	34.8

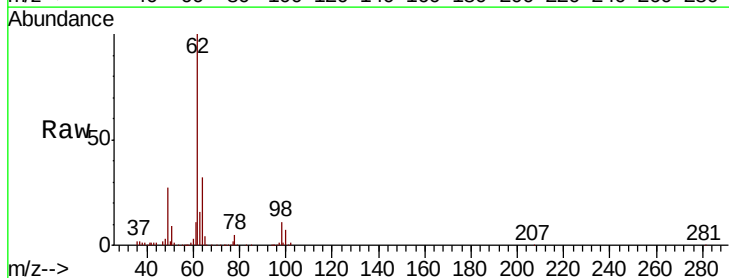


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

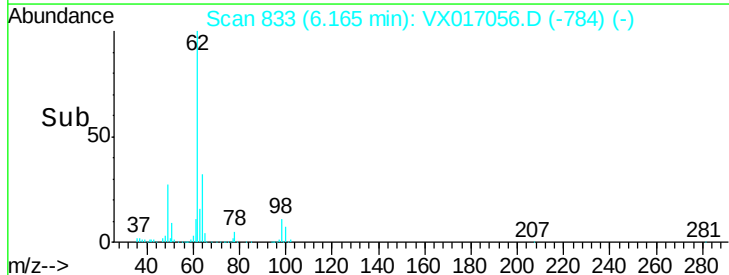
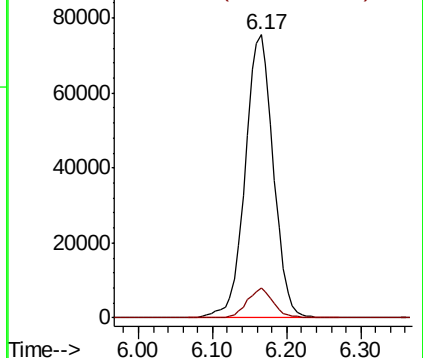


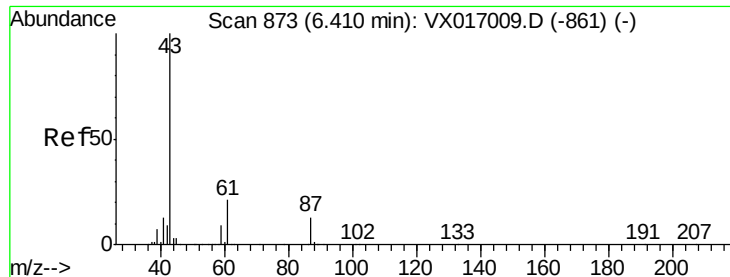
#42
1,2-Dichloroethane
Concen: 48.141 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion:	62	Resp:	200849
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: 46.364 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

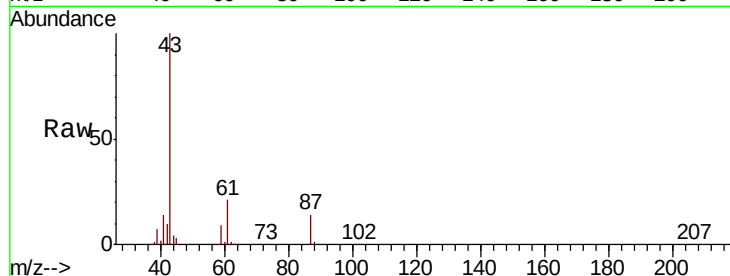
Tot Ion: 43 Resp: 307296

Ion Ratio Lower Upper

43 100

61 20.3 16.2 24.2

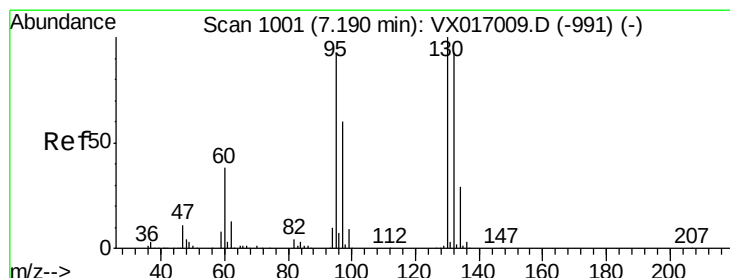
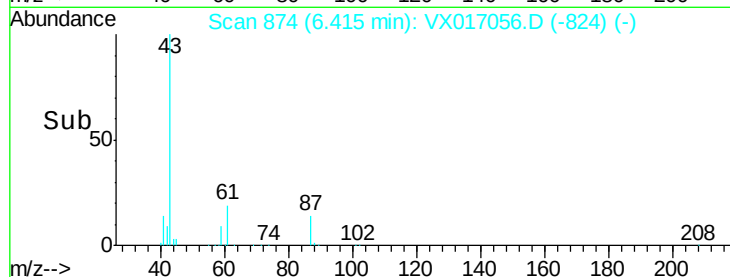
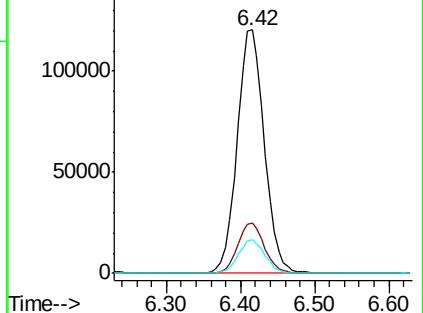
87 13.6 10.7 16.1



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: 49.869 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017056.D

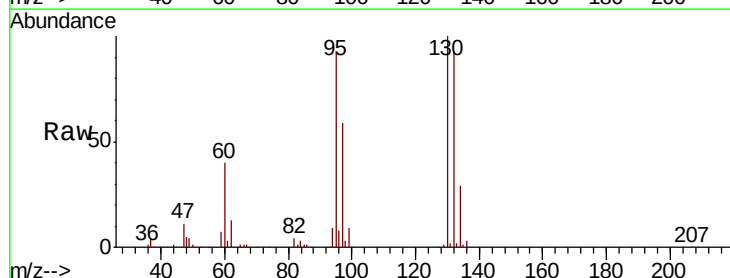
Acq: 30 Jun 2020 19:26

Tgt Ion:130 Resp: 158952

Ion Ratio Lower Upper

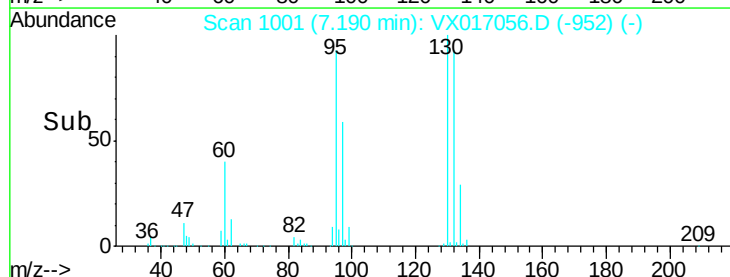
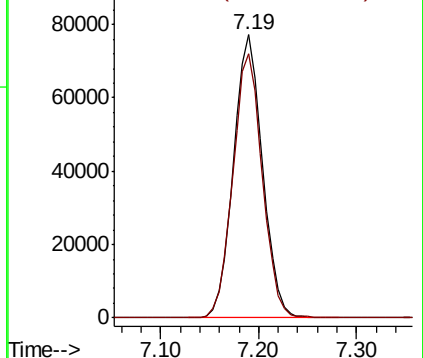
130 100

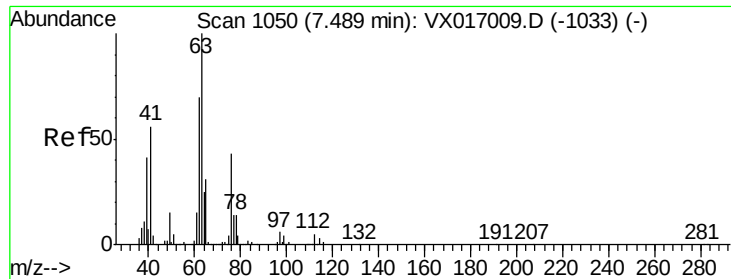
95 93.2 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

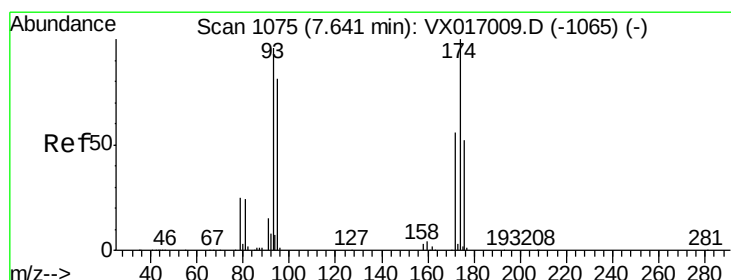
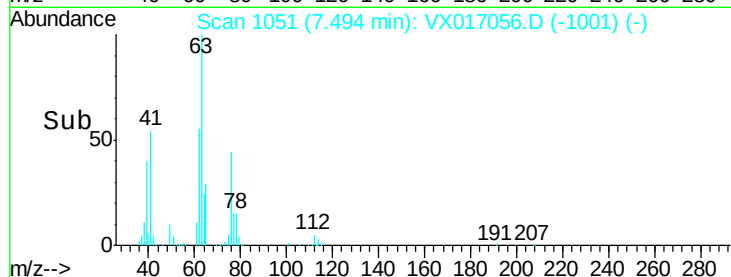
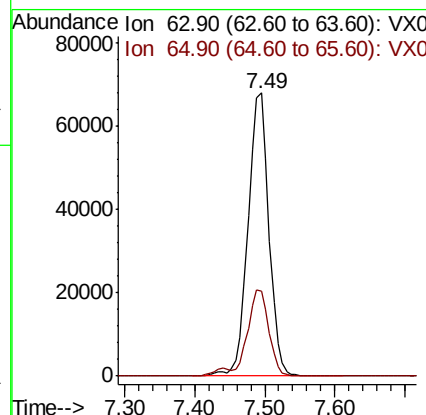
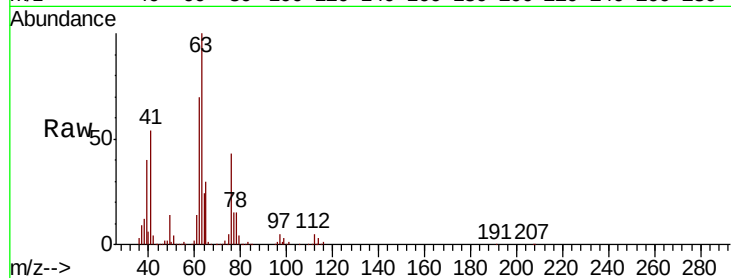




#45
 1,2-Dichloropropane
 Concen: 47.591 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

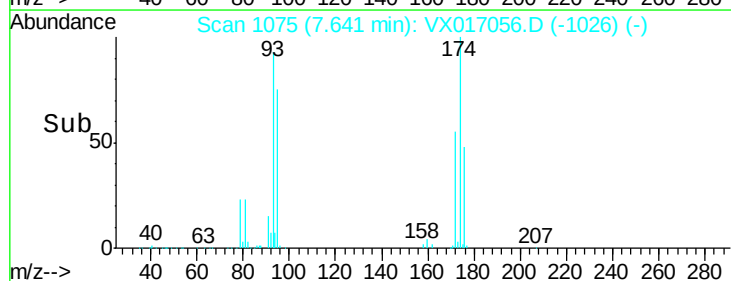
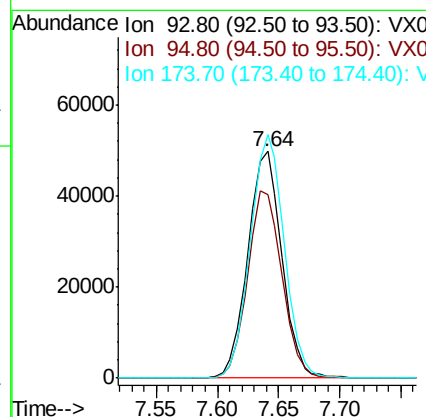
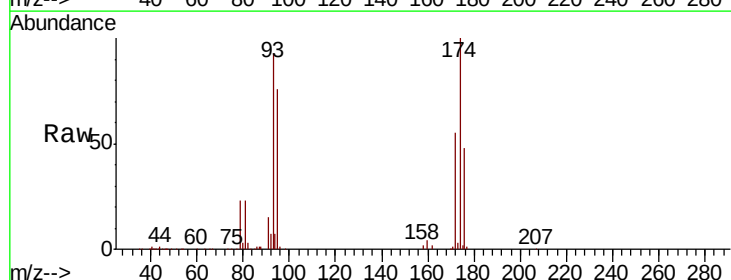
Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

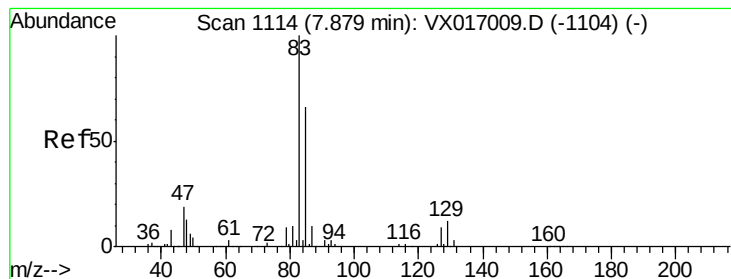
Tot Ion: 63 Resp: 141187
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.6 36.8



#46
 Dibromomethane
 Concen: 47.769 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Tgt Ion: 93 Resp: 96752
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.4 101.0
 174 107.4 84.3 126.5





#47

Bromodichloromethane

Concen: 48.646 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

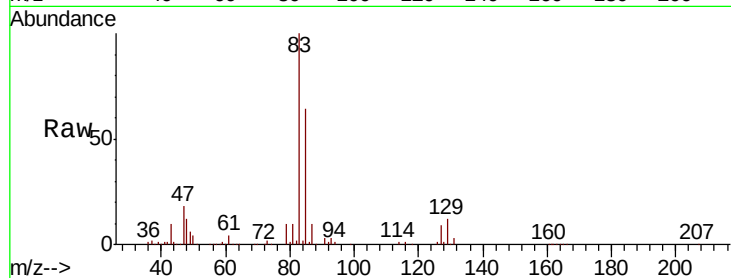
Tot Ion: 83 Resp: 203047

Ion Ratio Lower Upper

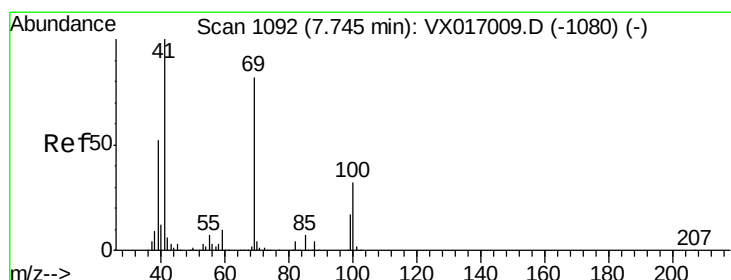
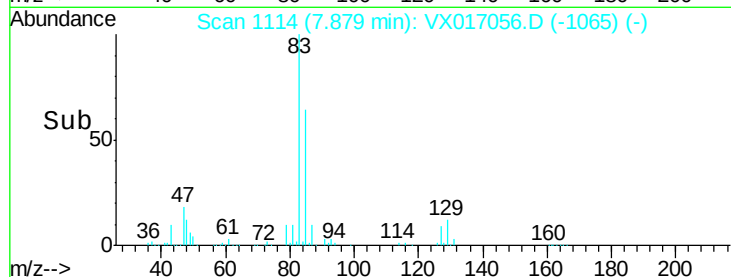
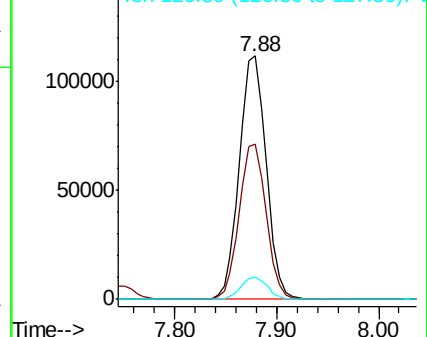
83 100

85 63.5 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: 50.922 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

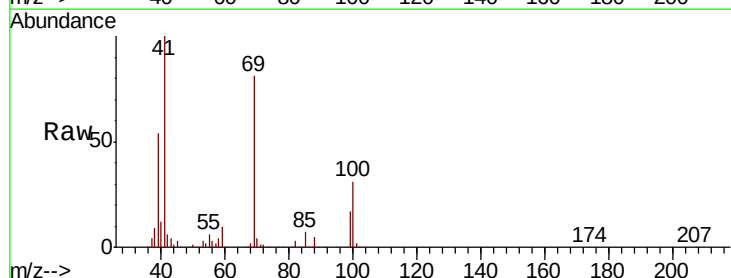
Tgt Ion: 41 Resp: 160349

Ion Ratio Lower Upper

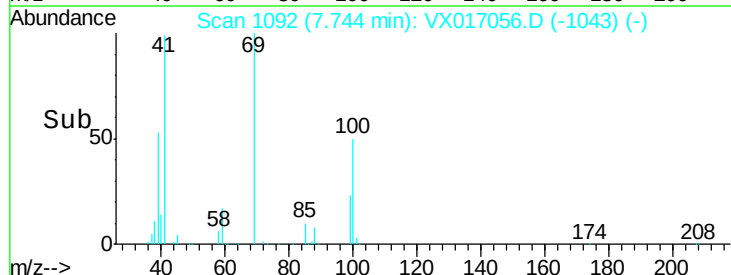
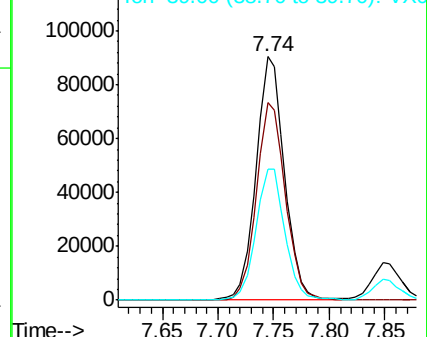
41 100

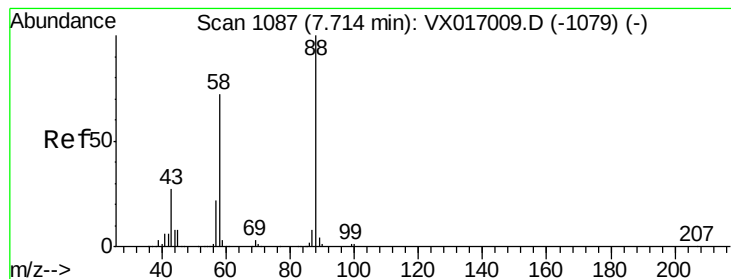
69 82.8 65.8 98.8

39 55.1 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: 855.859 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

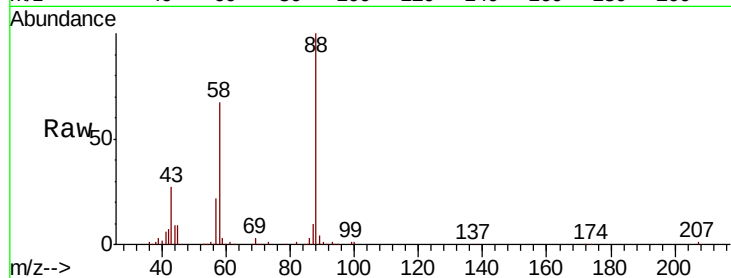
Tot Ion: 88 Resp: 61055

Ion Ratio Lower Upper

88 100

43 32.2 25.8 38.8

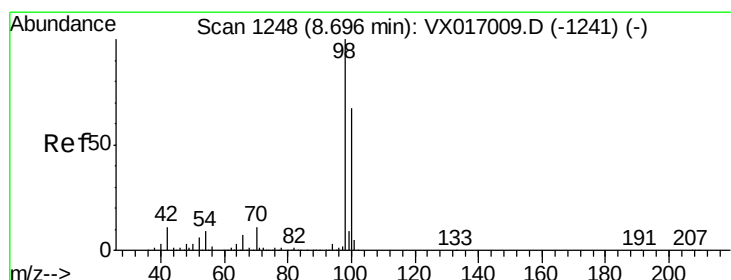
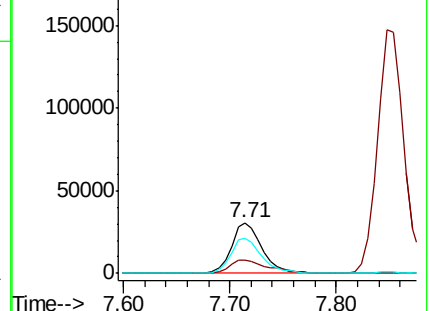
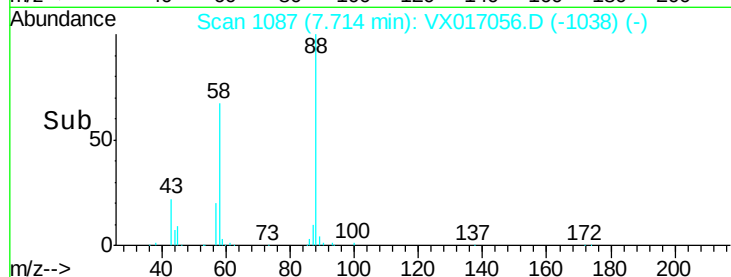
58 71.3 54.8 82.2



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: 50.374 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017056.D

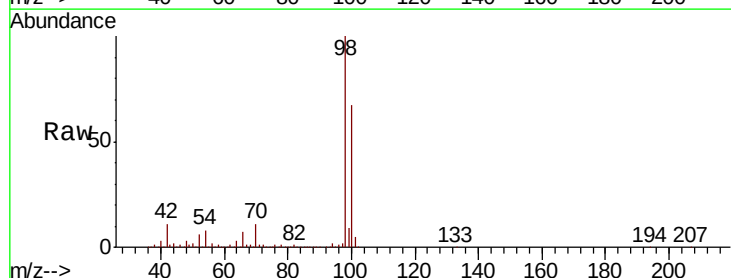
Acq: 30 Jun 2020 19:26

Tgt Ion: 98 Resp: 490111

Ion Ratio Lower Upper

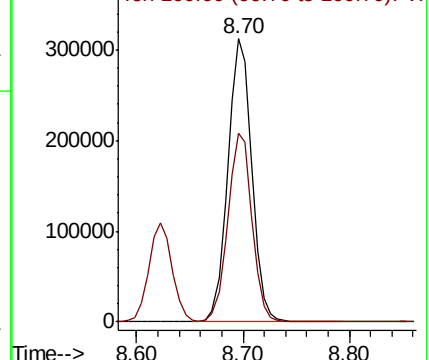
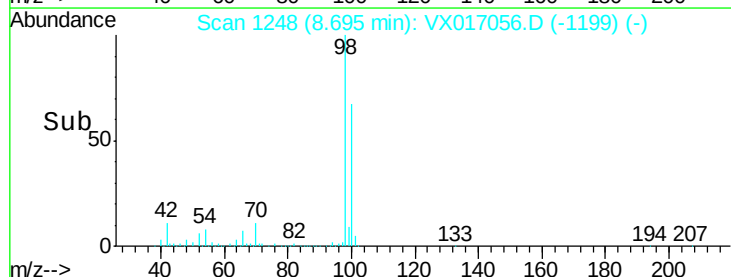
98 100

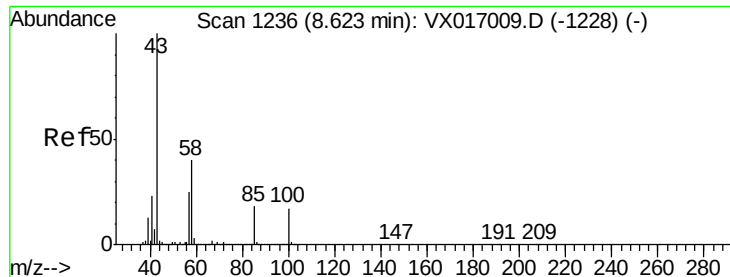
100 67.4 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

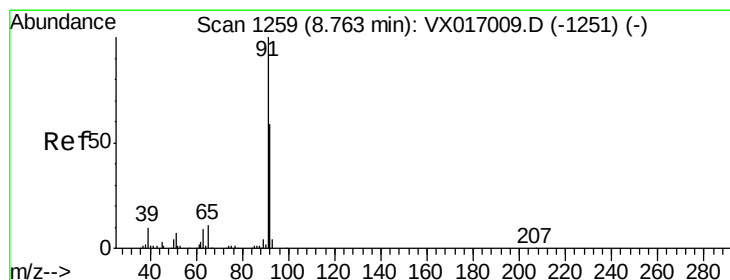
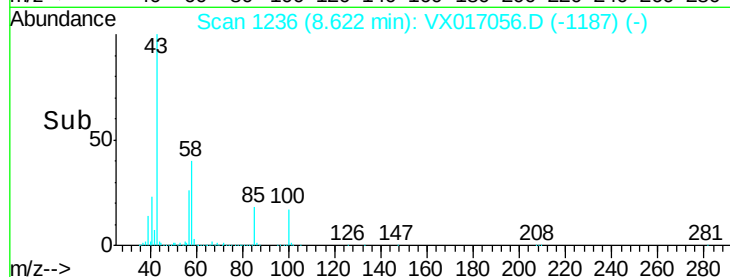
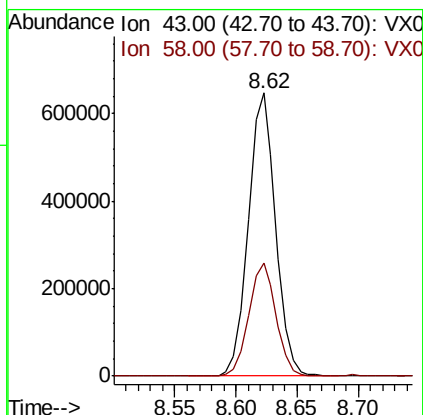
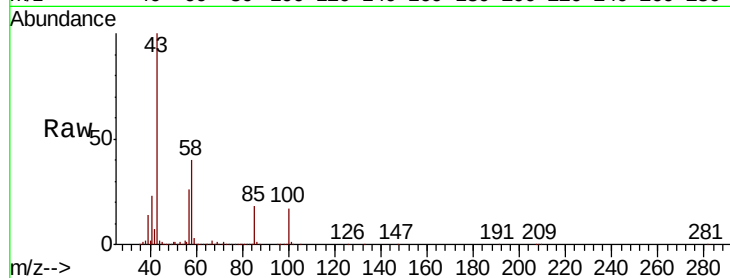




#51
4-Methyl-2-Pentanone
Concen: 253.648 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

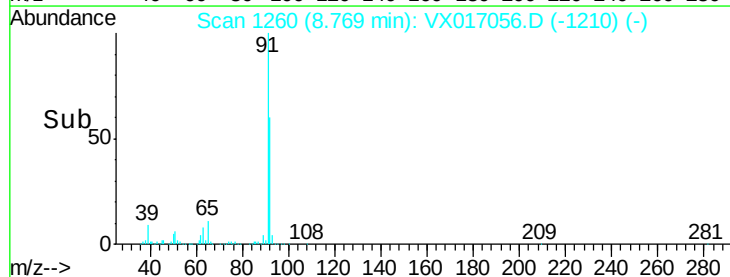
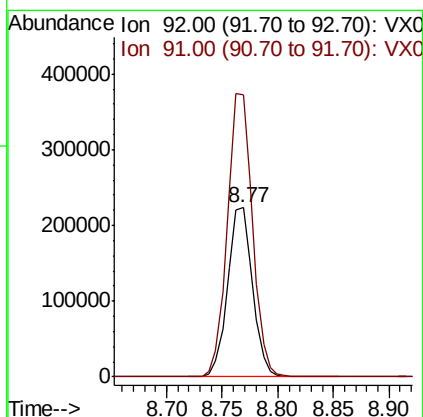
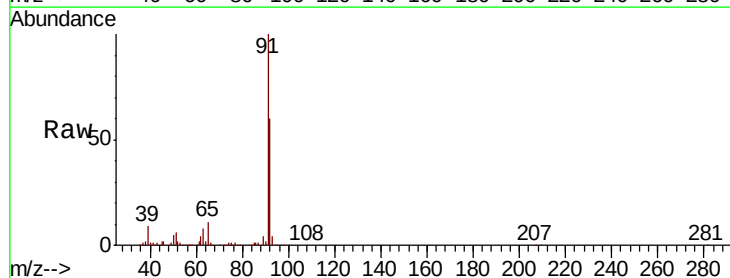
Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

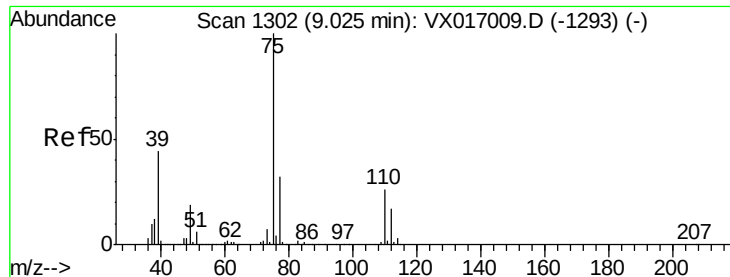
Tot Ion: 43 Resp: 1002141
Ion Ratio Lower Upper
43 100
58 40.1 31.9 47.9



#52
Toluene
Concen: 47.869 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion: 92 Resp: 345208
Ion Ratio Lower Upper
92 100
91 169.8 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 46.878 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

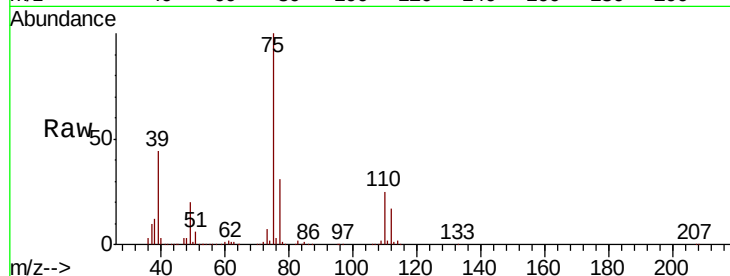
61BR-20200624MS

Tot Ion: 75 Resp: 215887

Ion Ratio Lower Upper

75 100

77 30.7 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

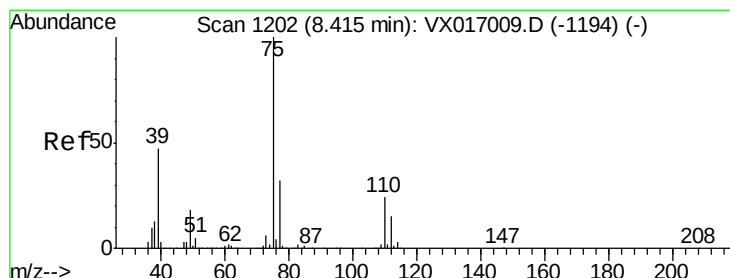
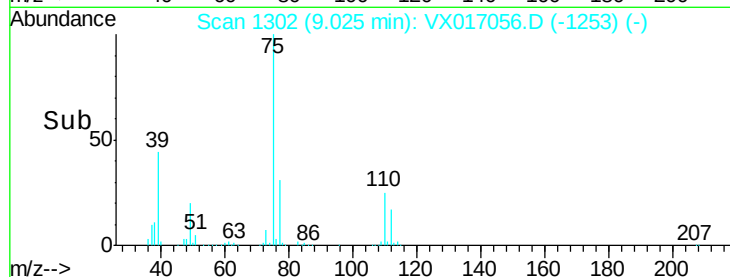
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 45.078 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

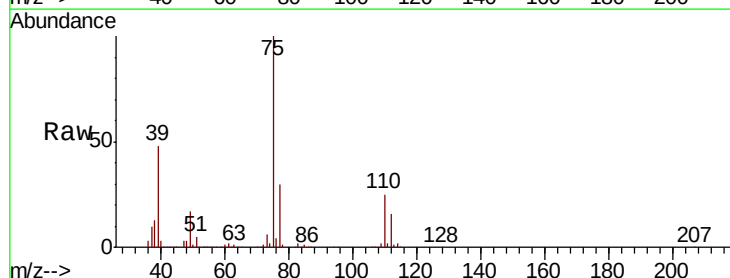
Tgt Ion: 75 Resp: 222543

Ion Ratio Lower Upper

75 100

77 30.1 25.2 37.8

39 48.0 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

200000

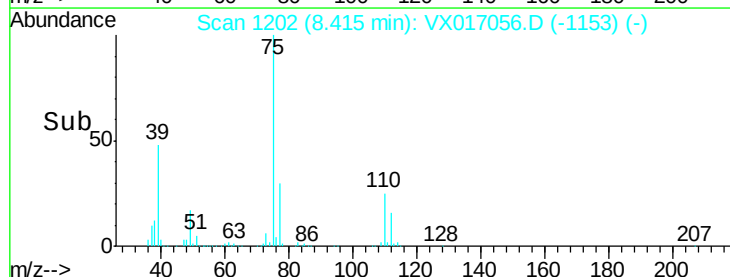
150000

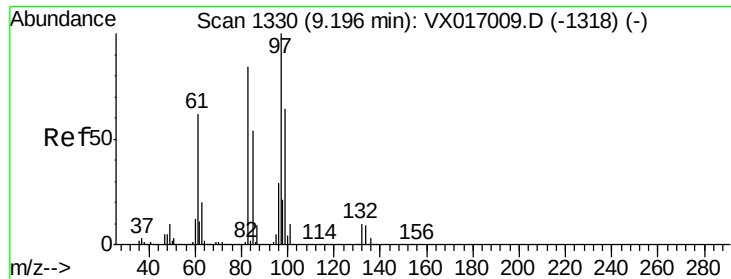
100000

50000

0

Time-->

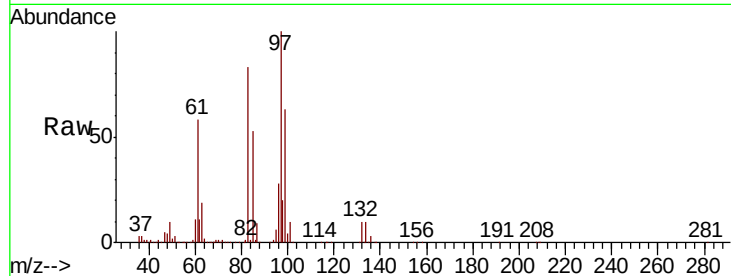




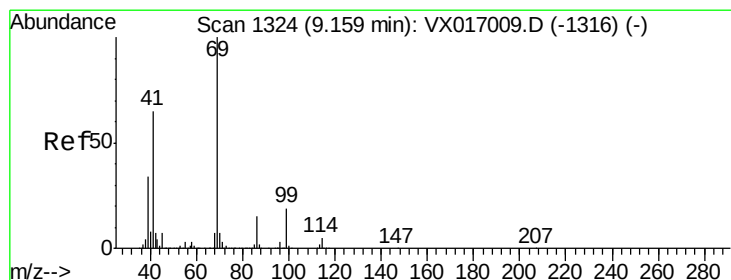
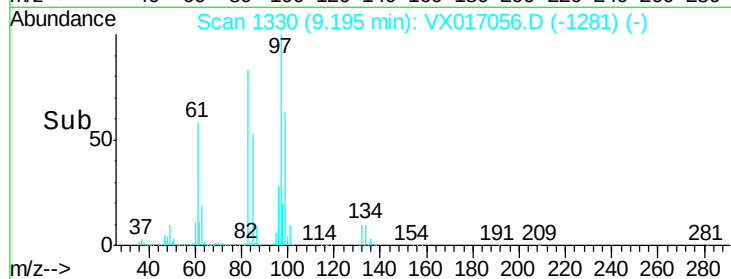
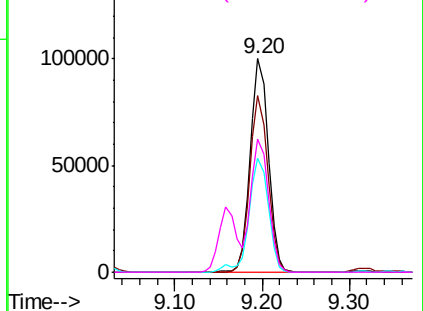
#55
 1,1,2-Trichloroethane
 Concen: 48.706 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

Tot Ion:	97	Resp:	143509
Ion	Ratio	Lower	Upper
97	100		
83	82.6	67.0	100.6
85	53.3	43.5	65.3
99	62.5	51.0	76.6

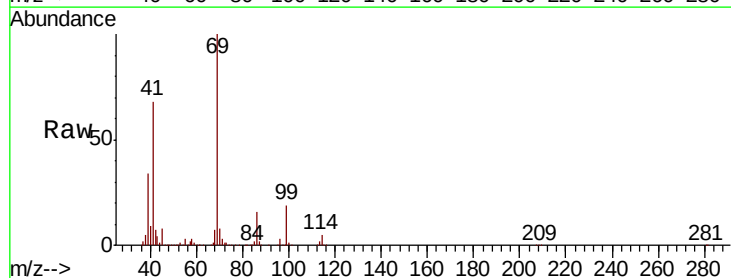


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

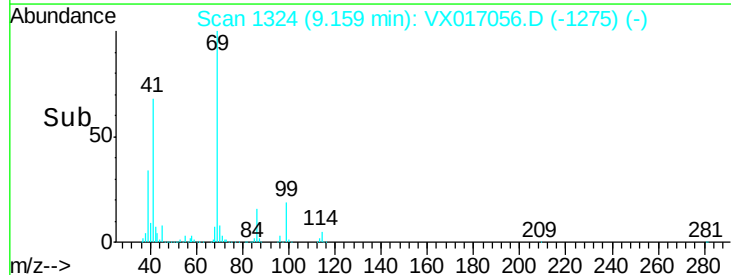
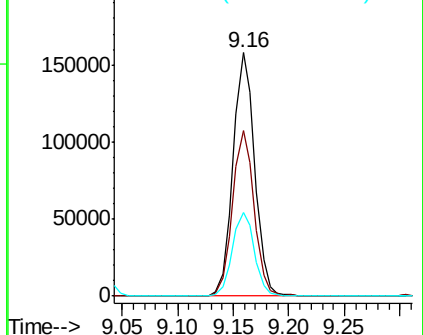


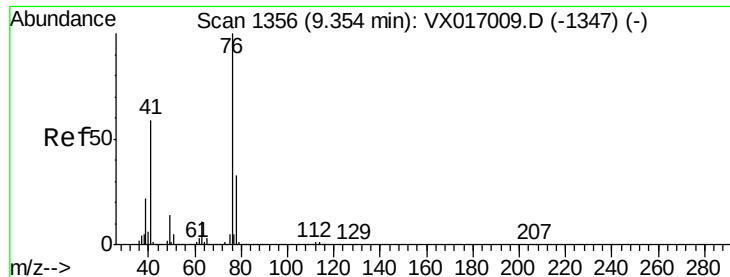
#56
 Ethyl methacrylate
 Concen: 50.731 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Tgt Ion:	69	Resp:	212753
Ion	Ratio	Lower	Upper
69	100		
41	68.0	53.6	80.4
39	35.3	28.2	42.2



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

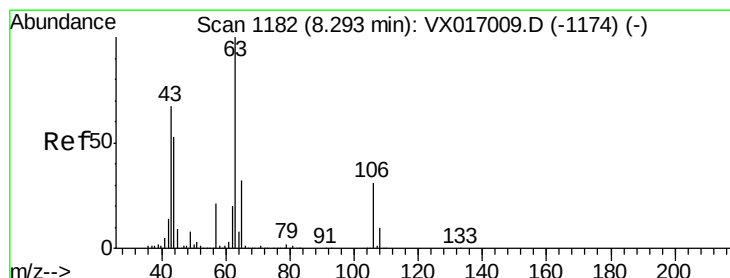
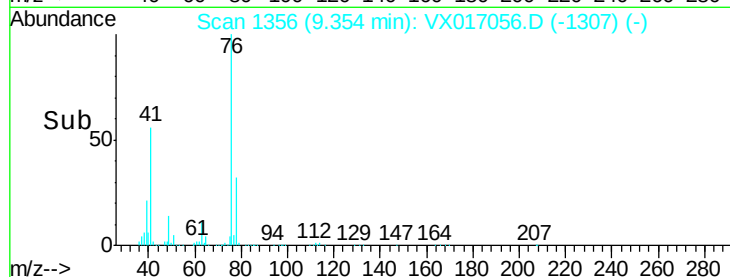
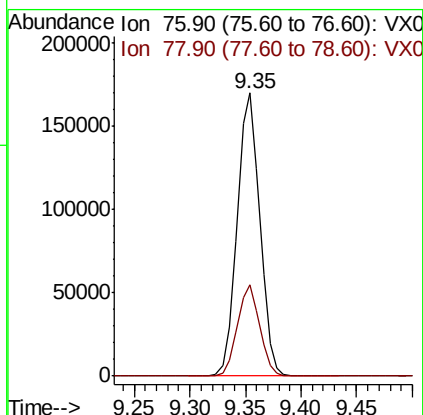
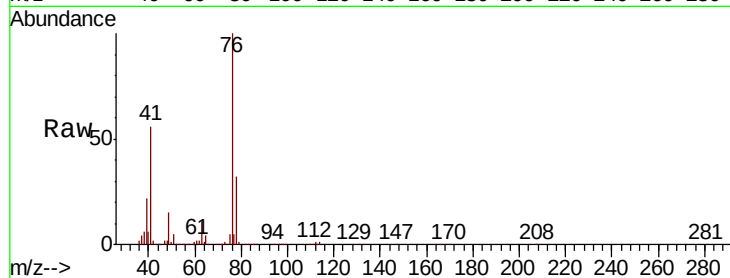




#57
 1,3-Dichloropropane
 Concen: 47.832 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

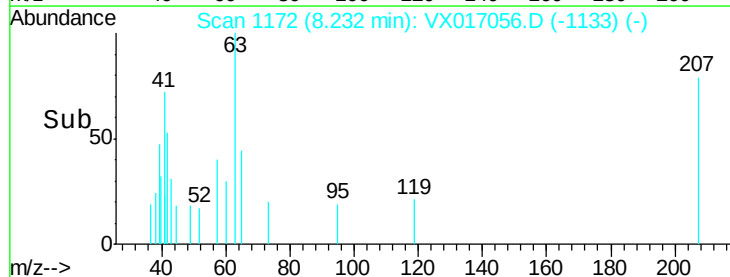
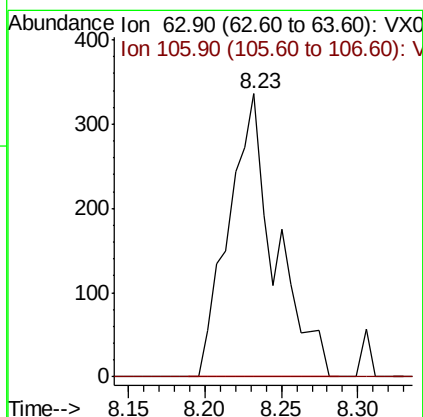
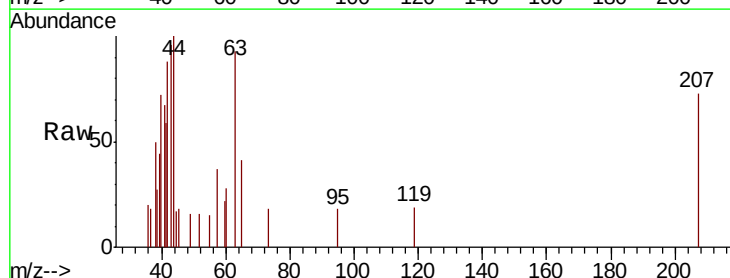
Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

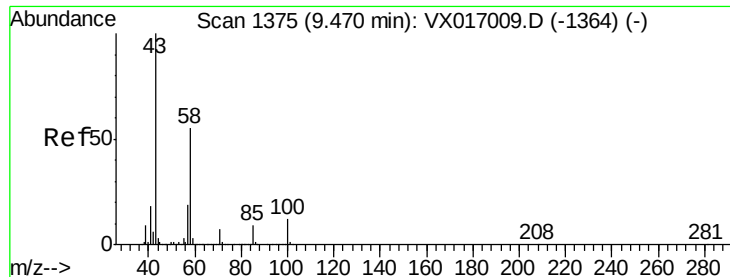
Tot Ion: 76 Resp: 238472
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.340 ug/l
 RT: 8.23 min Scan# 1172
 Delta R.T. -0.06 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Tgt Ion: 63 Resp: 709
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.0 36.0#

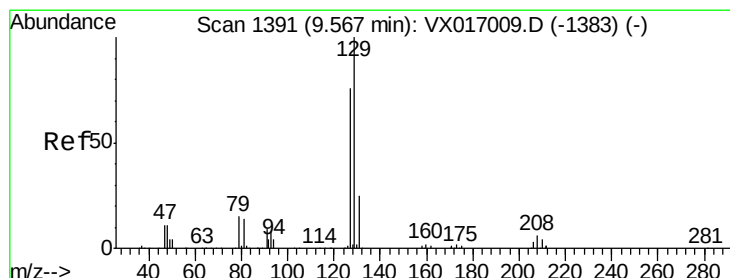
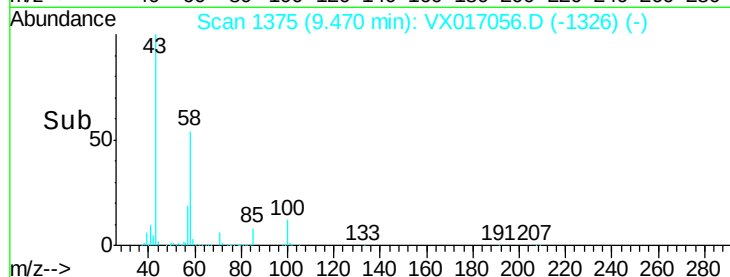
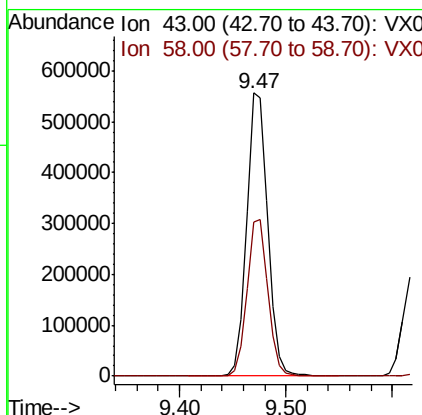
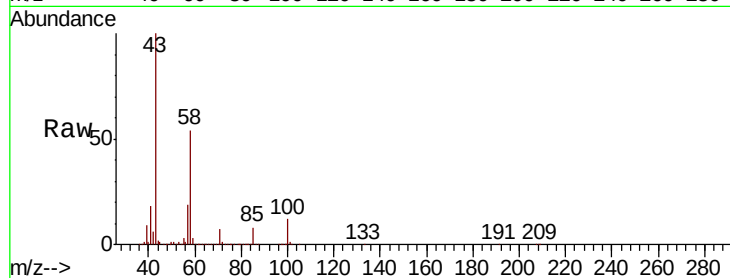




#59
2-Hexanone
Concen: 267.341 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

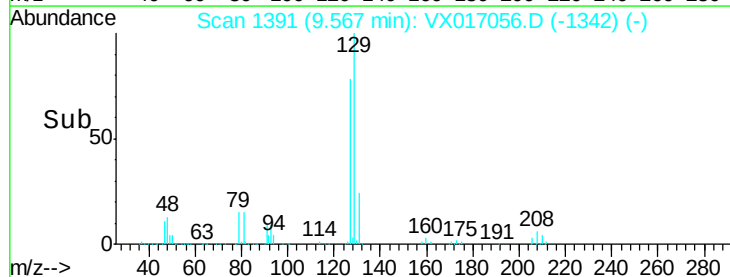
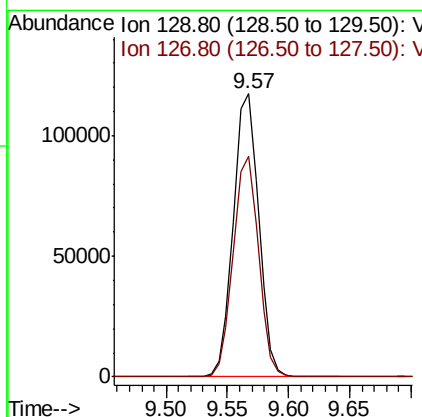
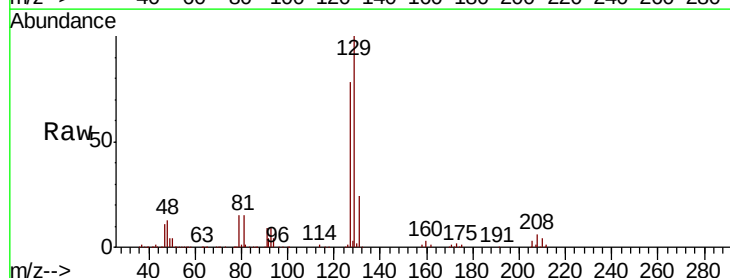
Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

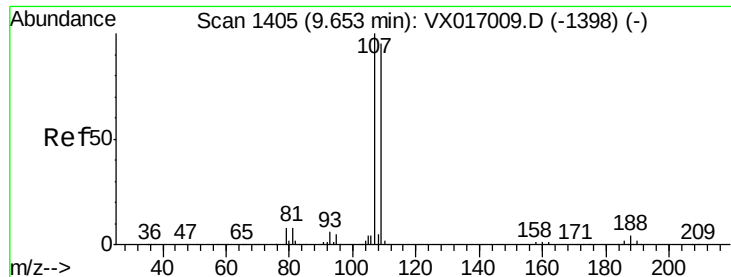
Tot Ion: 43 Resp: 771409
Ion Ratio Lower Upper
43 100
58 55.1 27.9 83.6



#60
Dibromochloromethane
Concen: 49.173 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion: 129 Resp: 168279
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 49.569 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

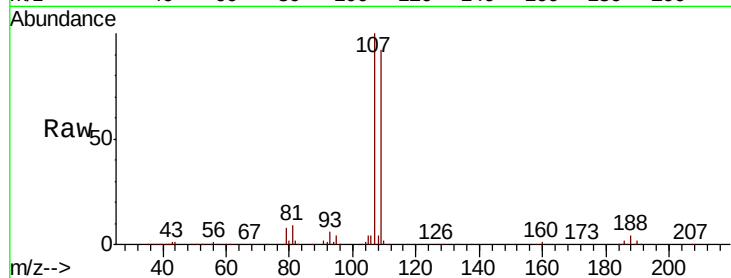
61BR-20200624MS

Tot Ion:107 Resp: 156988

Ion Ratio Lower Upper

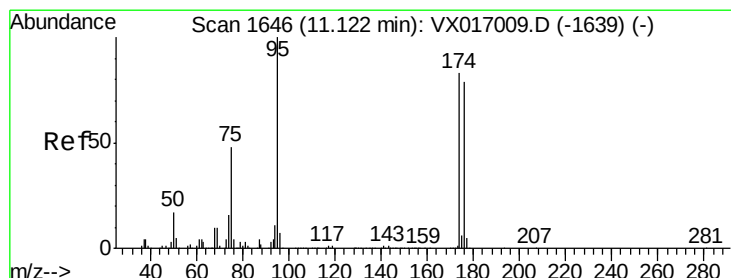
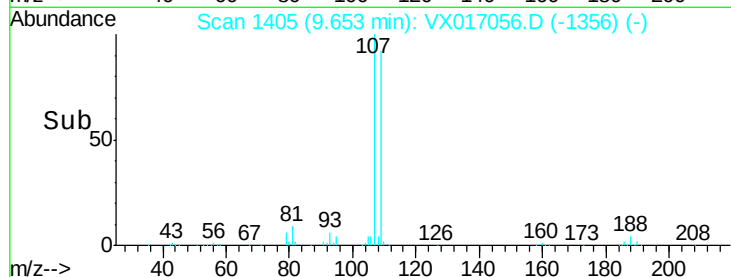
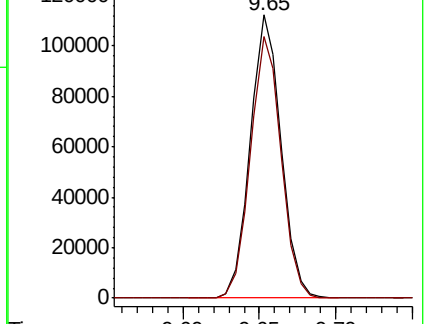
107 100

109 92.3 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: 51.267 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

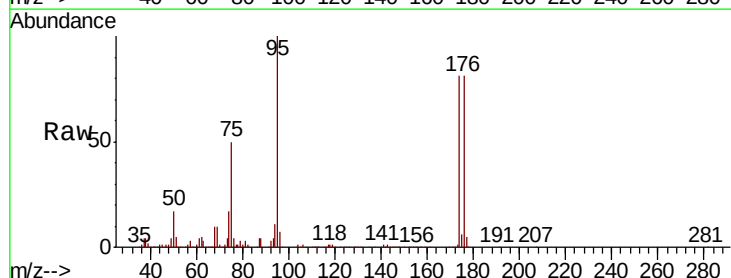
Tgt Ion: 95 Resp: 194986

Ion Ratio Lower Upper

95 100

174 81.1 0.0 164.0

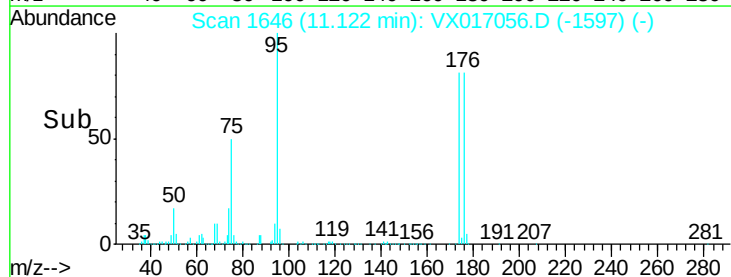
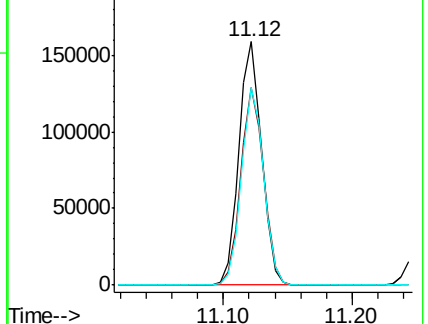
176 79.1 0.0 157.6

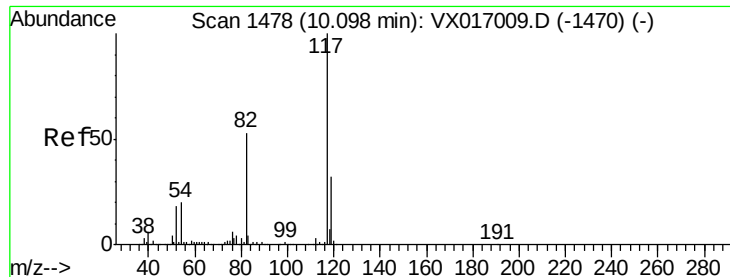


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

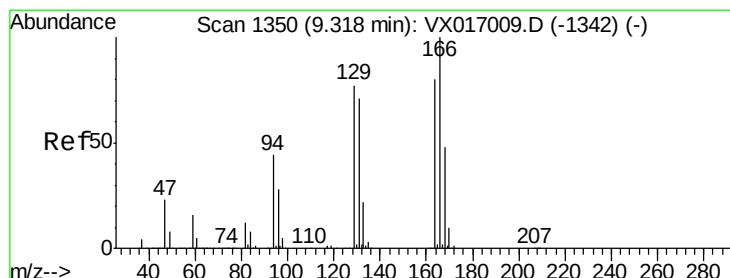
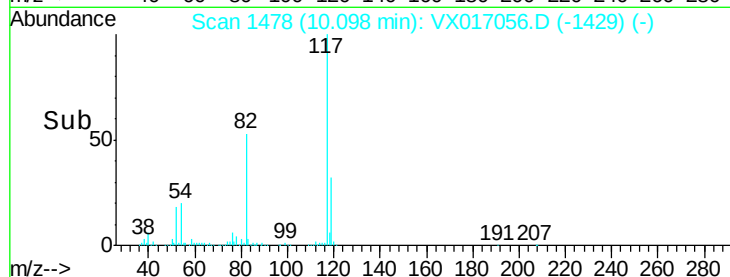
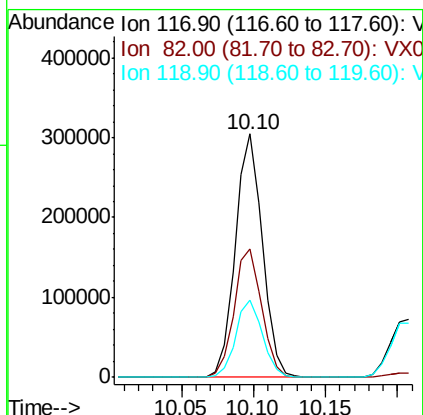
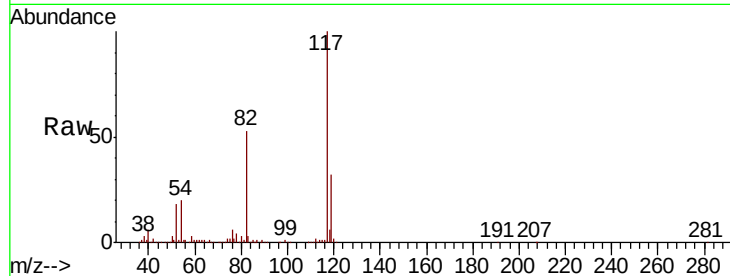




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

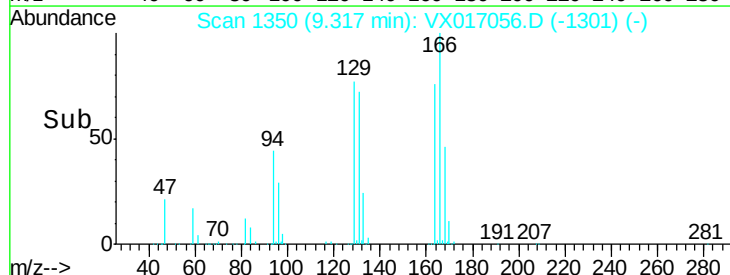
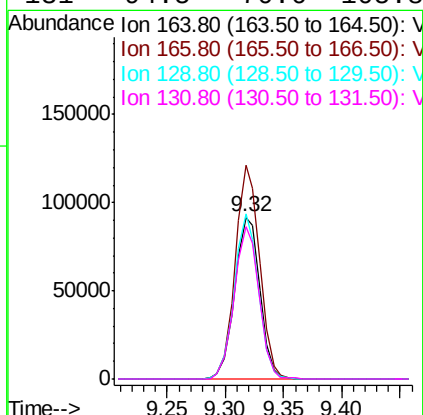
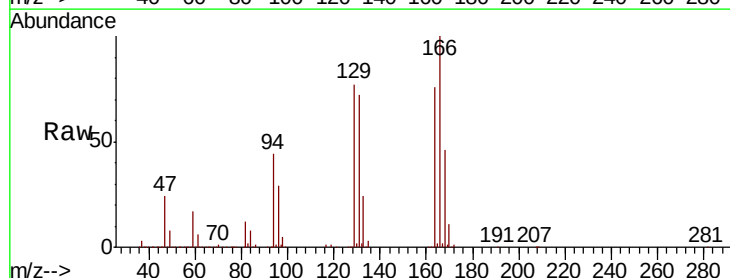
Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

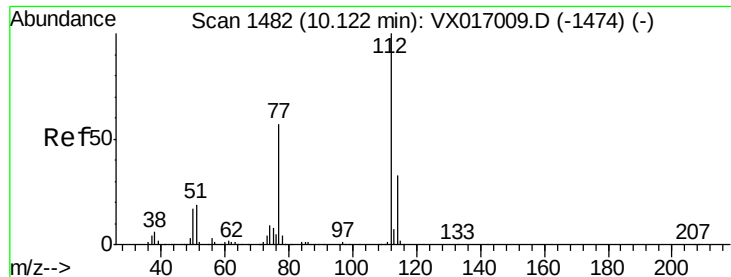
Tot Ion:117 Resp: 399681
Ion Ratio Lower Upper
117 100
82 52.6 42.6 63.8
119 31.6 25.4 38.2



#64
Tetrachloroethene
Concen: 42.906 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion:164 Resp: 138401
Ion Ratio Lower Upper
164 100
166 132.0 99.4 149.0
129 102.1 76.3 114.5
131 94.5 70.6 105.8

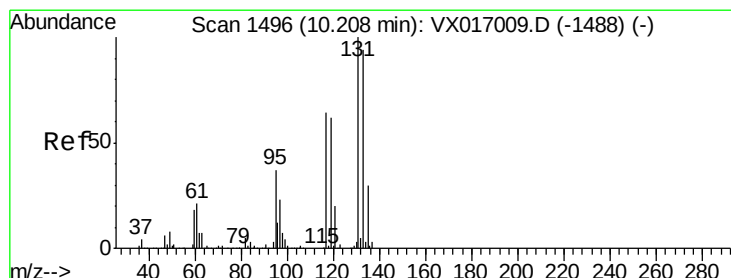
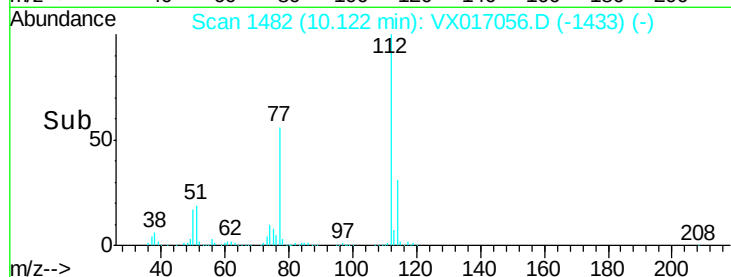
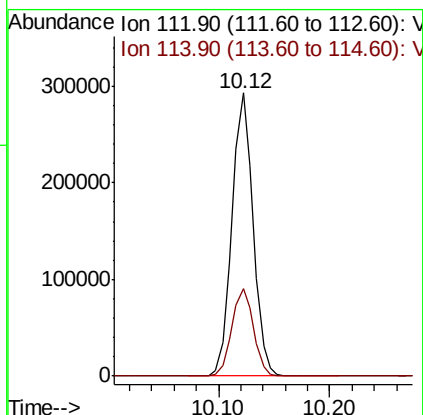
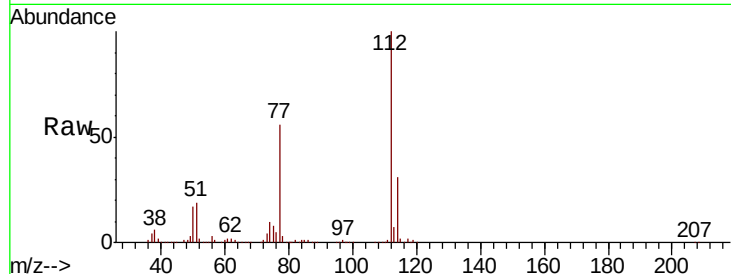




#65
Chlorobenzene
Concen: 46.496 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

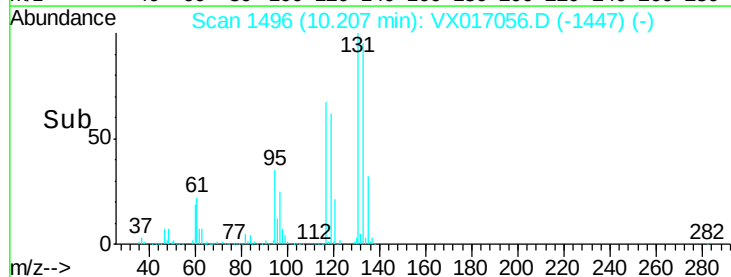
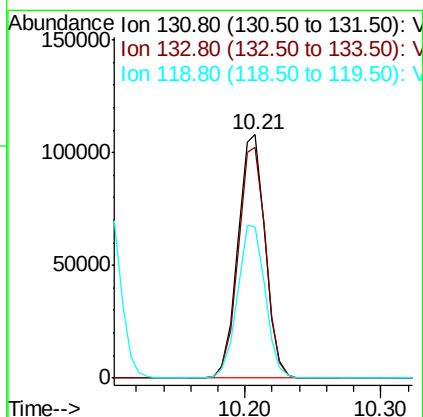
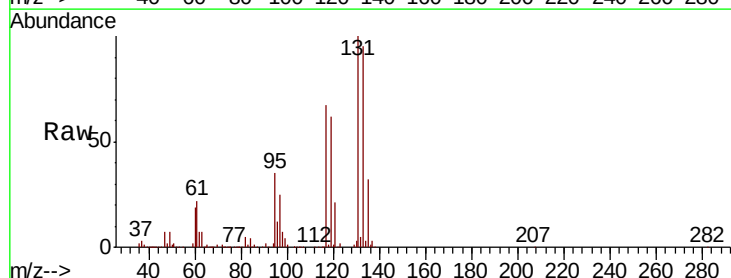
Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

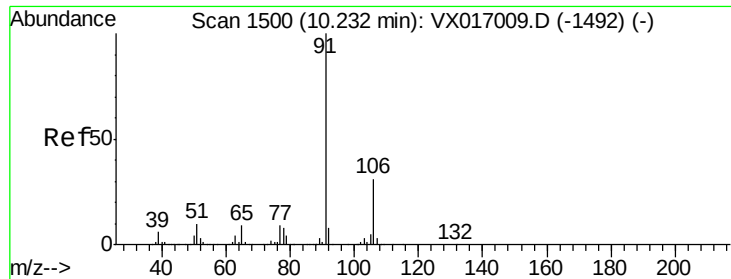
Tot Ion:112 Resp: 383555
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.108 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion:131 Resp: 149763
Ion Ratio Lower Upper
131 100
133 96.2 47.3 141.9
119 63.9 31.9 95.5





#67

Ethyl Benzene

Concen: 48.057 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

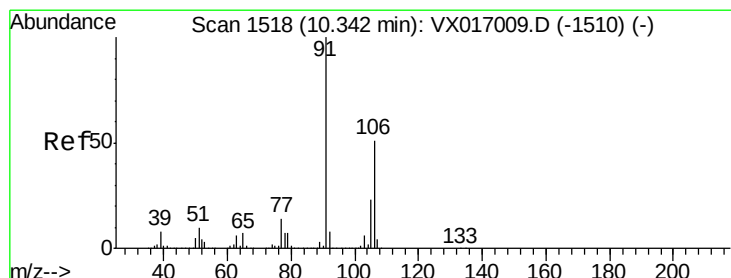
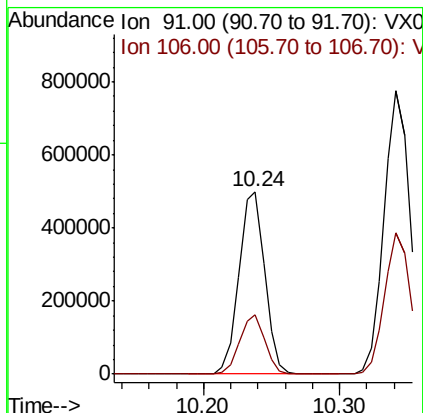
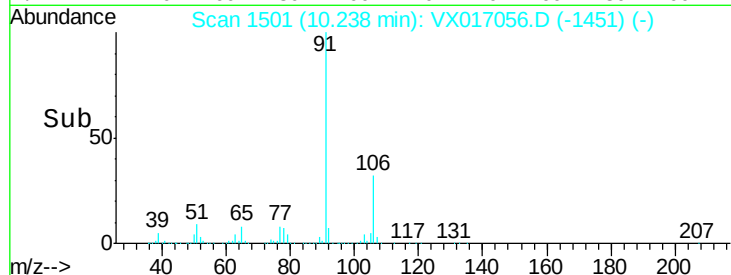
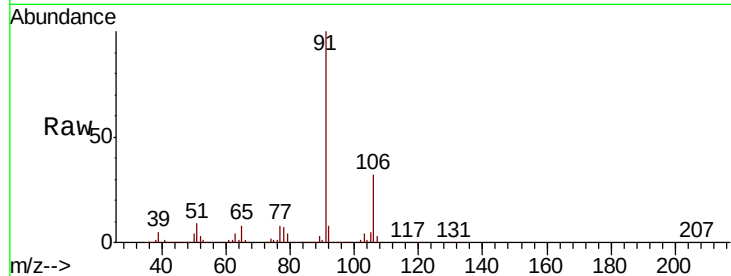
61BR-20200624MS

Tot Ion: 91 Resp: 662040

Ion Ratio Lower Upper

91 100

106 32.2 24.7 37.1



#68

m/p-Xylenes

Concen: 97.098 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017056.D

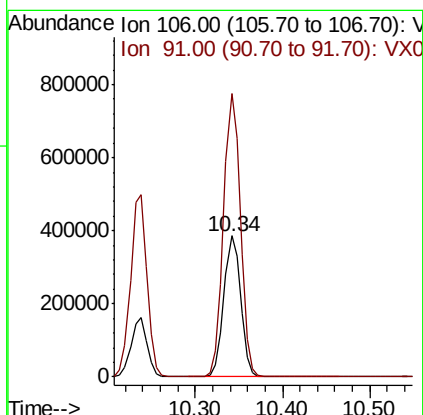
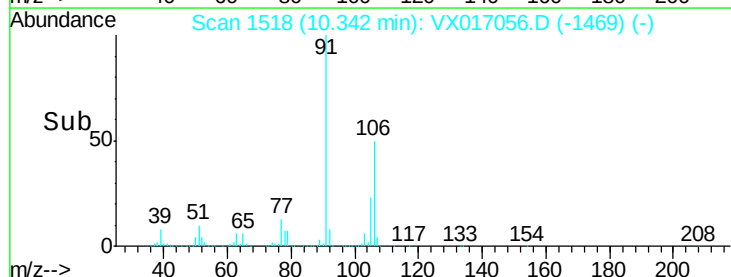
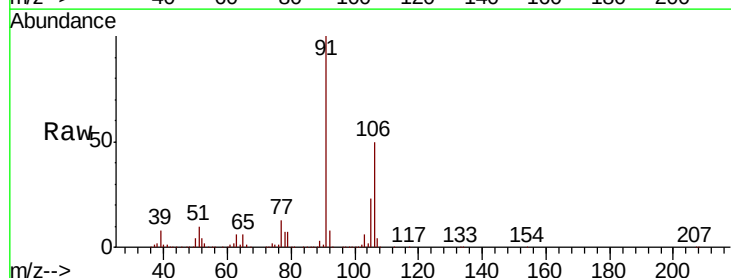
Acq: 30 Jun 2020 19:26

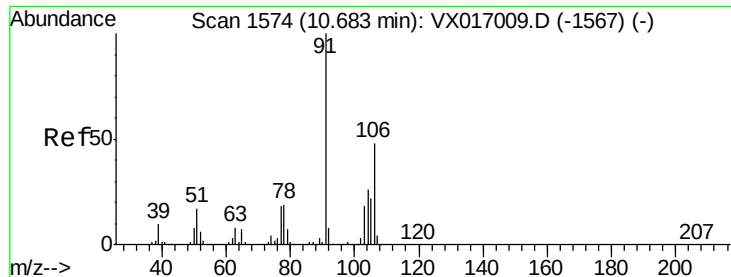
Tgt Ion: 106 Resp: 513612

Ion Ratio Lower Upper

106 100

91 201.1 158.6 238.0

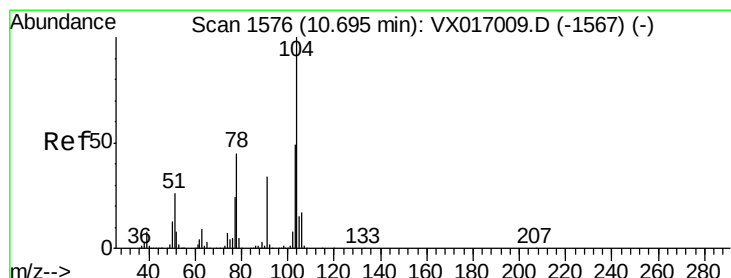
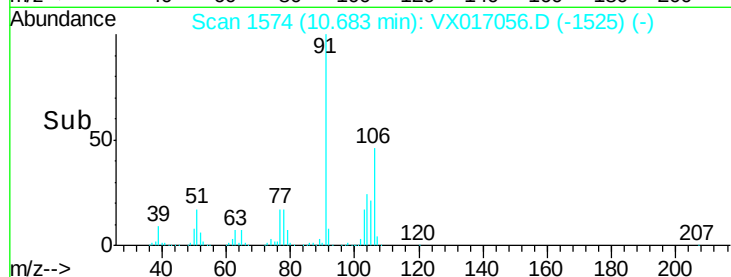
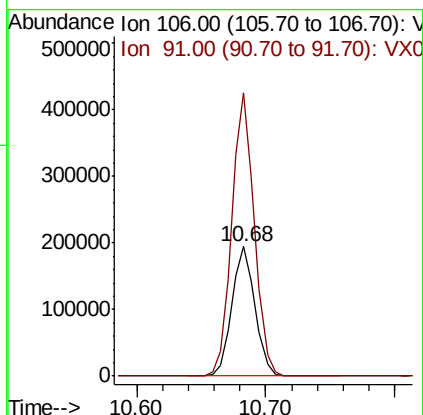
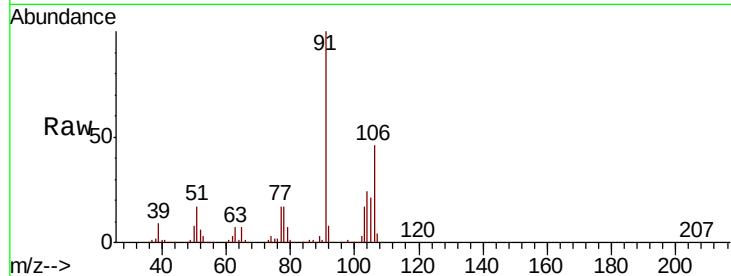




#69
o-Xylene
Concen: 48.357 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

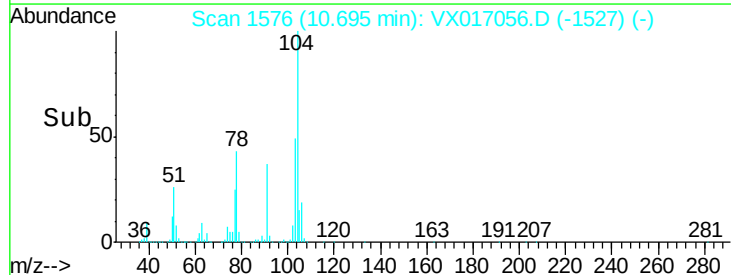
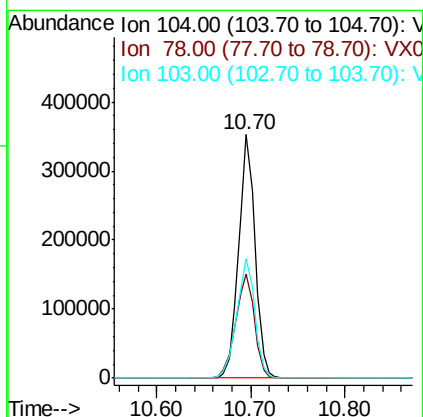
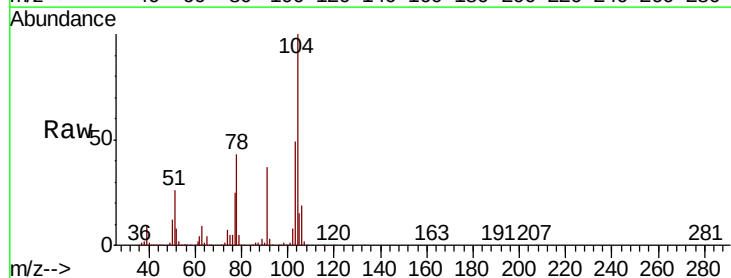
Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

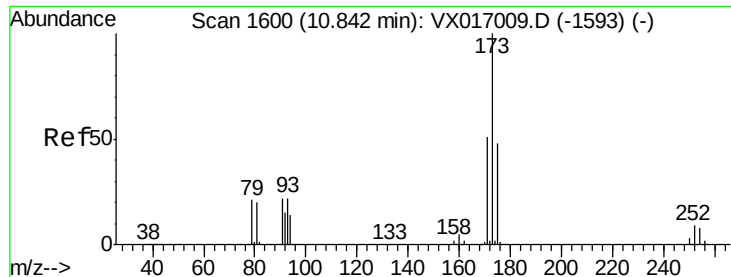
Tot Ion:106 Resp: 243334
Ion Ratio Lower Upper
106 100
91 213.5 105.6 316.7



#70
Styrene
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion:104 Resp: 428446
Ion Ratio Lower Upper
104 100
78 49.0 39.5 59.3
103 53.9 43.0 64.6





#71

Bromoform

Concen: 51.957 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

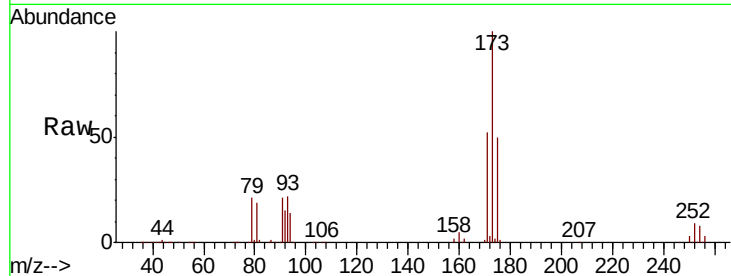
Tot Ion:173 Resp: 130985

Ion Ratio Lower Upper

173 100

175 47.8 24.5 73.5

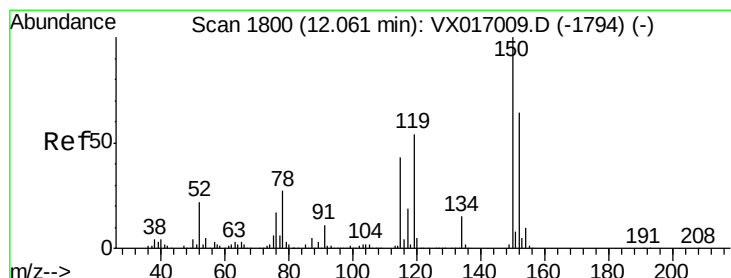
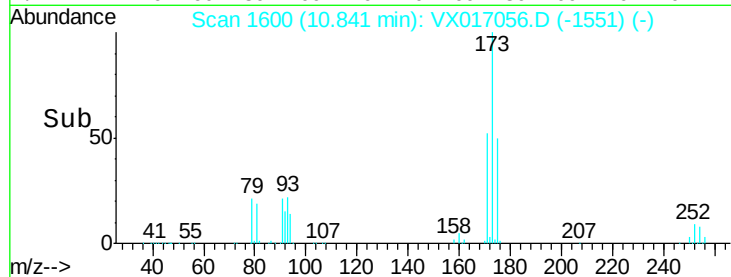
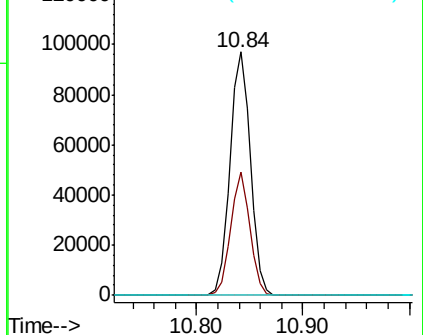
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

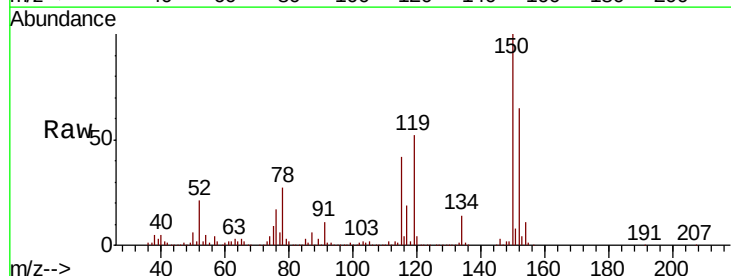
Tgt Ion:152 Resp: 210072

Ion Ratio Lower Upper

152 100

115 76.3 40.9 122.7

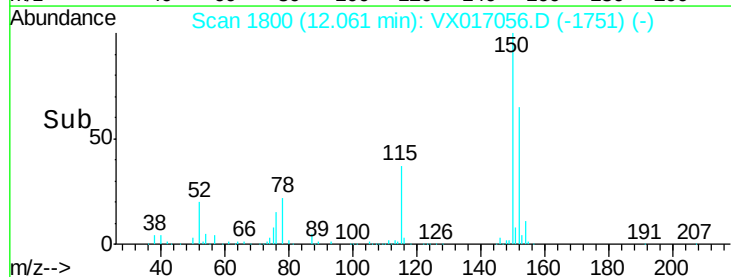
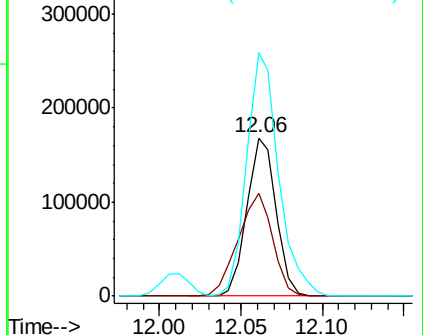
150 168.9 0.0 351.6

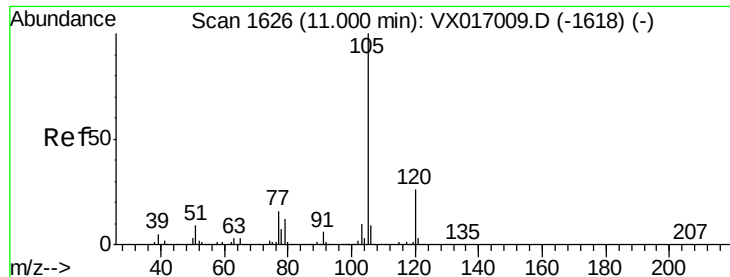


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.407 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

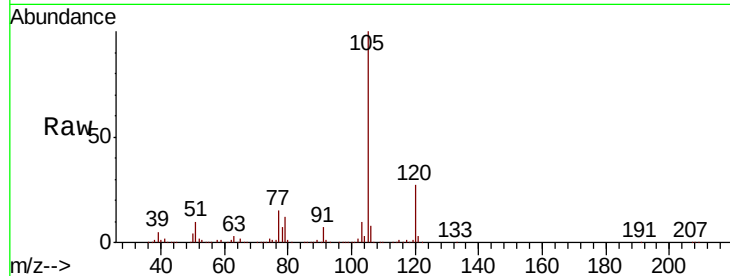
61BR-20200624MS

Tot Ion:105 Resp: 652312

Ion Ratio Lower Upper

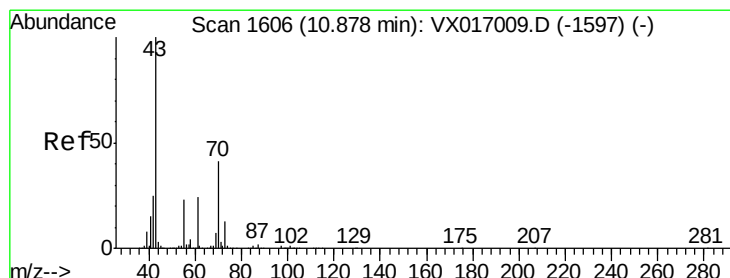
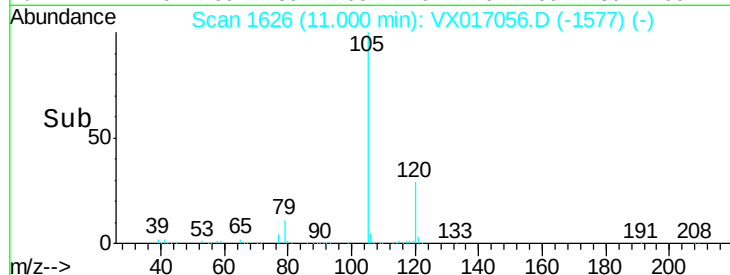
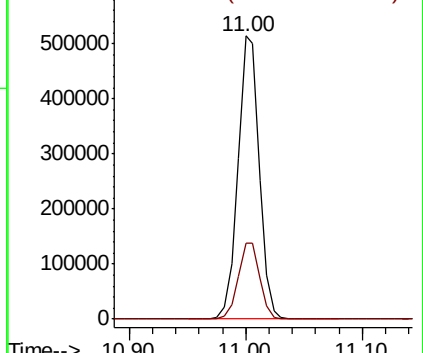
105 100

120 27.4 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: 46.302 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Tgt Ion: 43 Resp: 271852

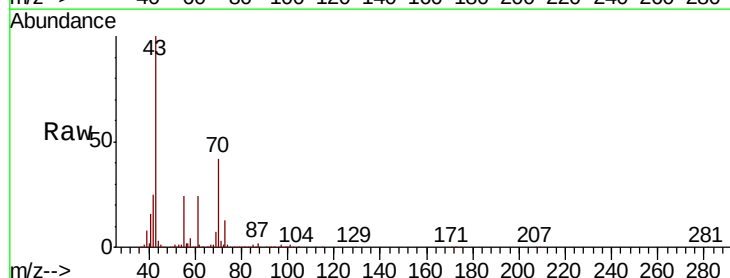
Ion Ratio Lower Upper

43 100

70 43.5 34.2 51.2

55 24.9 19.2 28.8

61 24.6 19.6 29.4

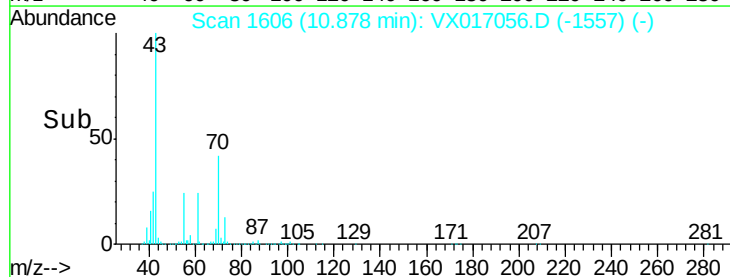
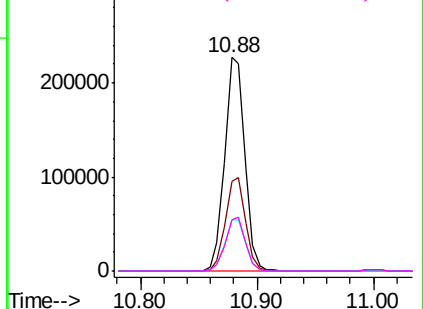


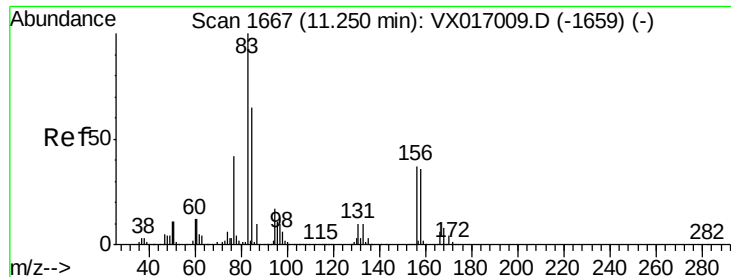
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.356 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

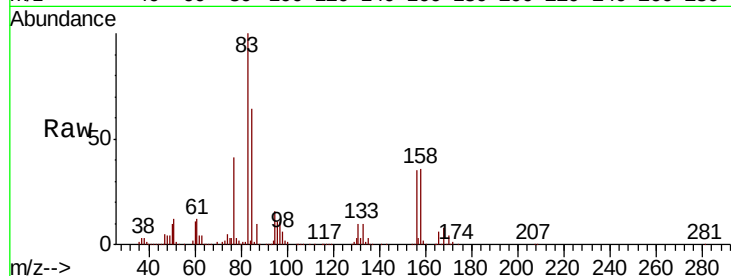
Tot Ion: 83 Resp: 204971

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

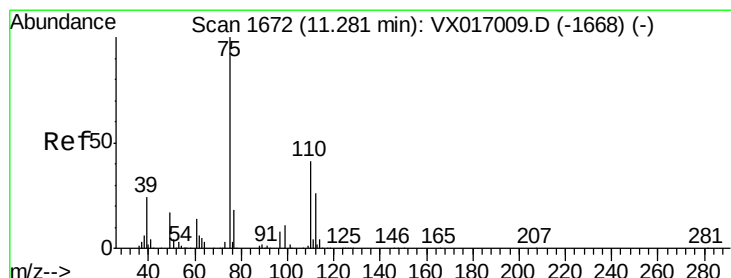
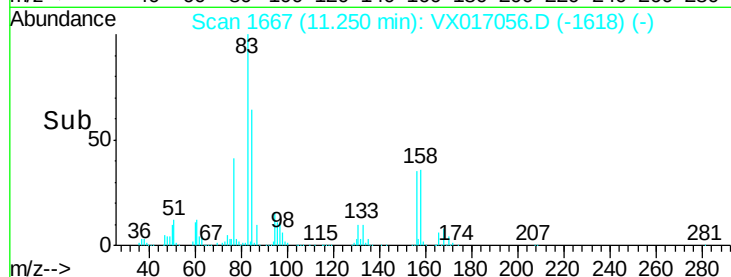
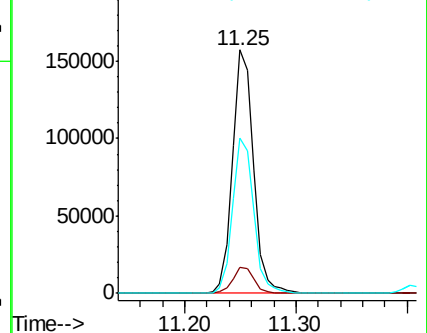
85 64.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.641 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017056.D

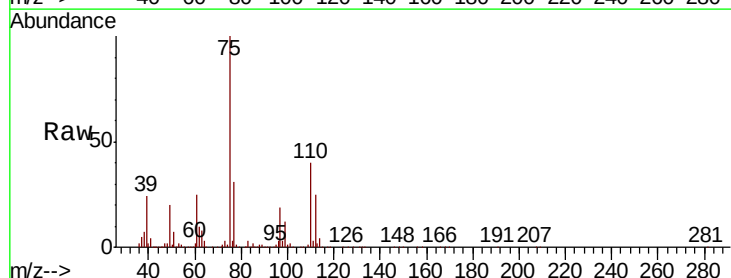
Acq: 30 Jun 2020 19:26

Tgt Ion: 75 Resp: 250503

Ion Ratio Lower Upper

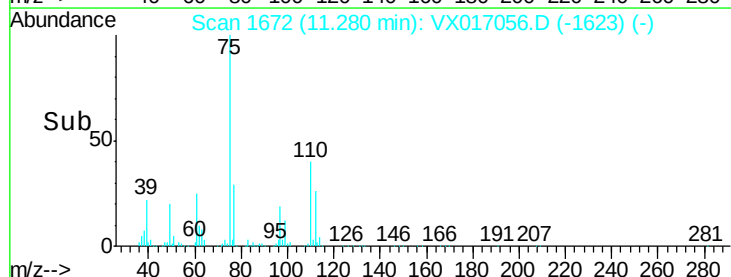
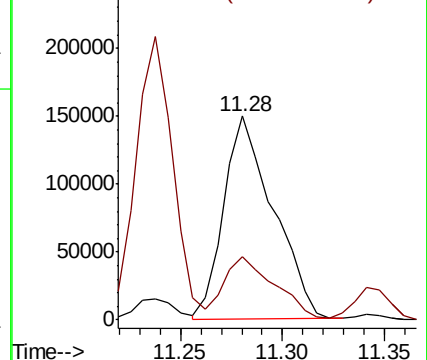
75 100

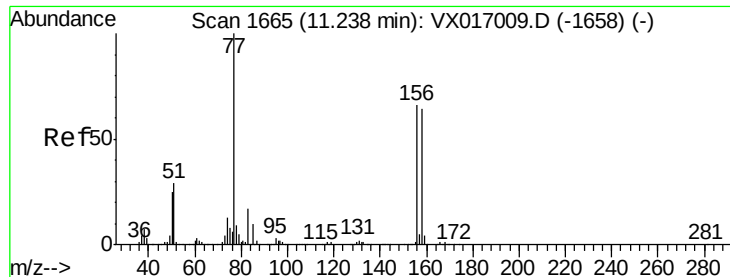
77 32.3 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.022 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

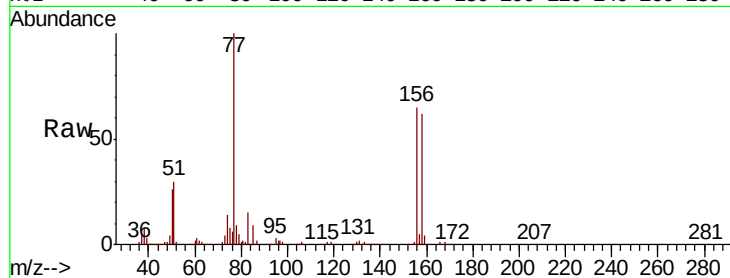
Tot Ion:156 Resp: 174041

Ion Ratio Lower Upper

156 100

77 151.0 76.9 230.7

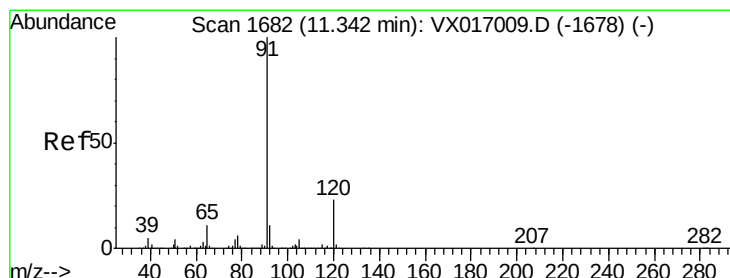
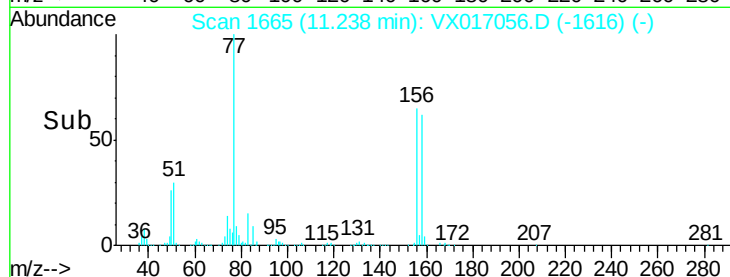
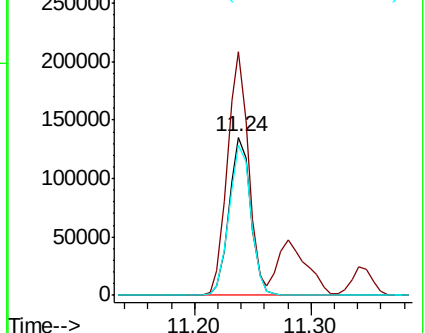
158 96.8 47.9 143.6



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: 46.133 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017056.D

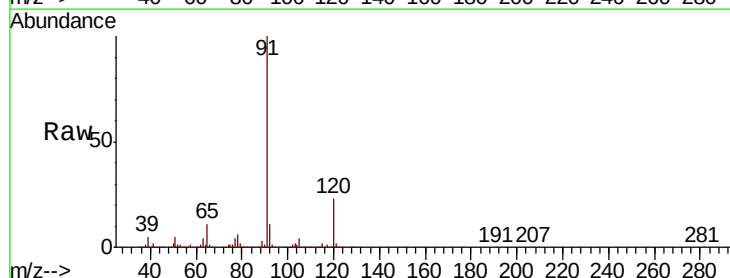
Acq: 30 Jun 2020 19:26

Tgt Ion: 91 Resp: 717837

Ion Ratio Lower Upper

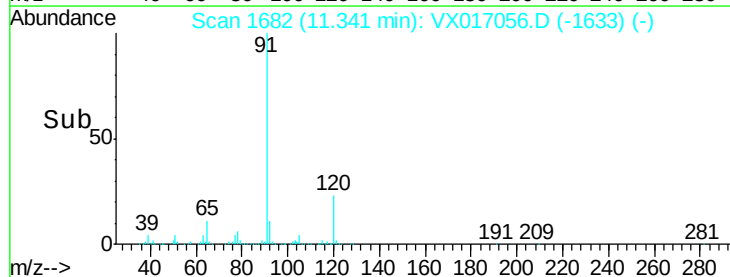
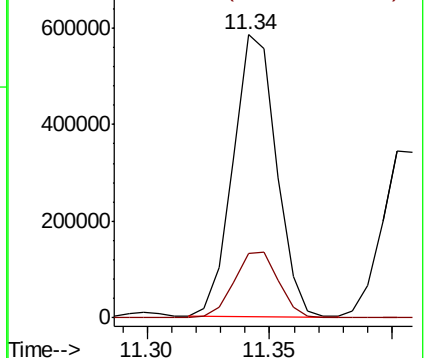
91 100

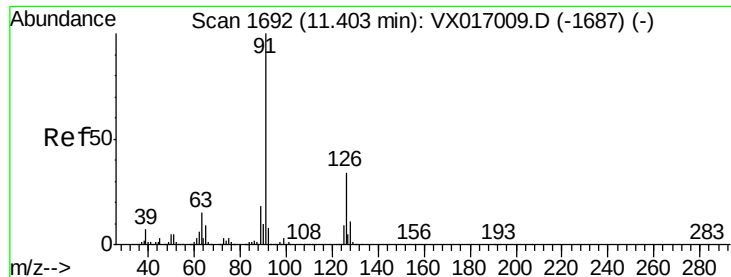
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

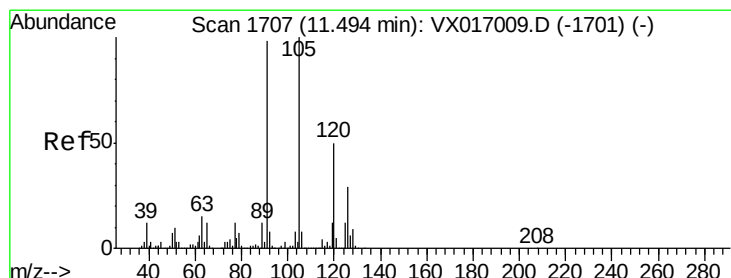
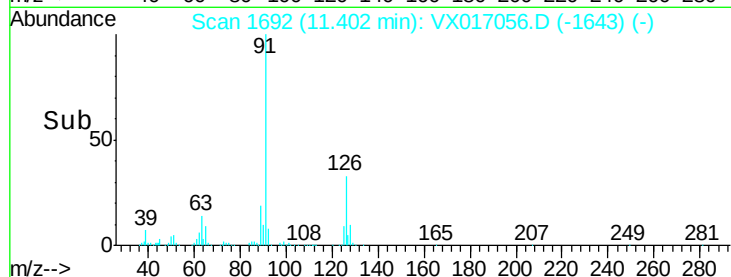
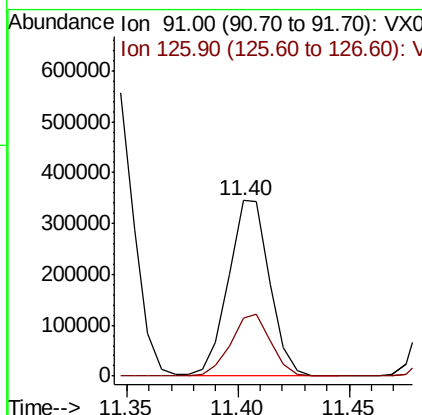
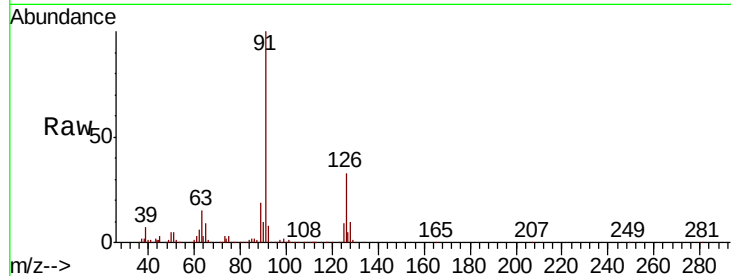




#79
2-Chlorotoluene
Concen: 47.024 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

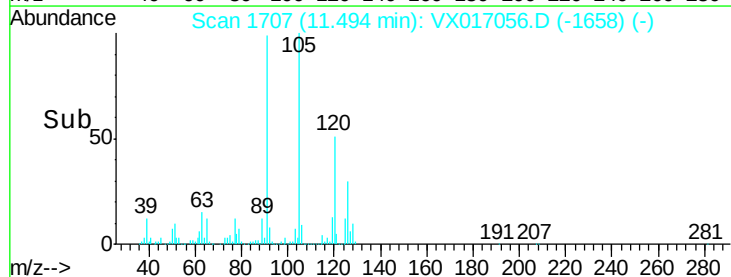
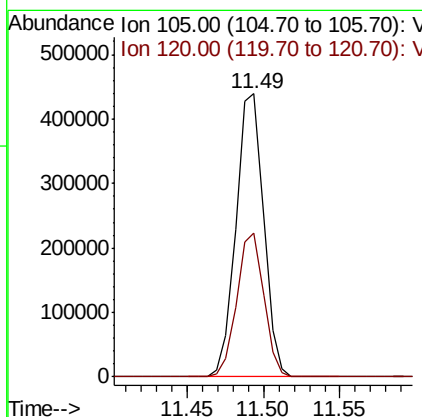
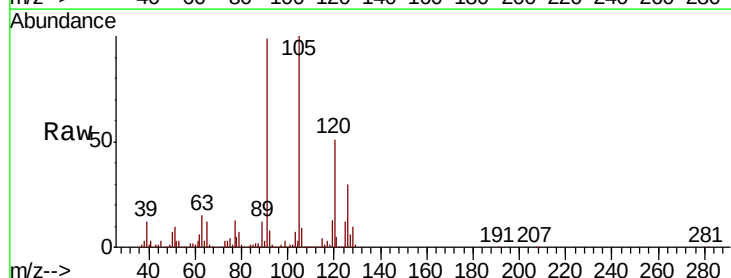
Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

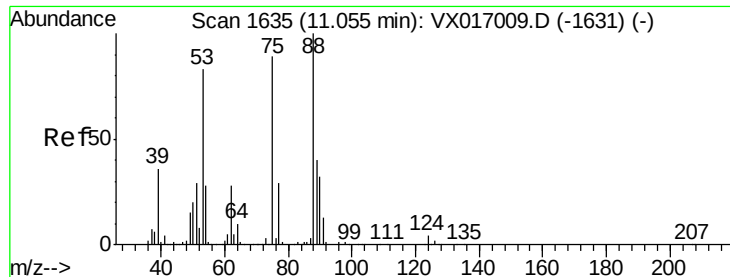
Tot Ion: 91 Resp: 442837
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 48.182 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion: 105 Resp: 549931
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 45.626 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

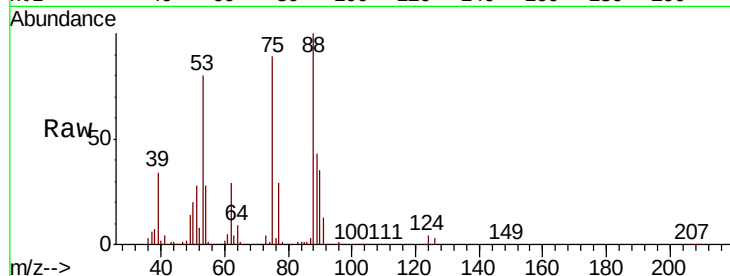
Tot Ion: 75 Resp: 72782

Ion Ratio Lower Upper

75 100

53 91.6 72.4 108.6

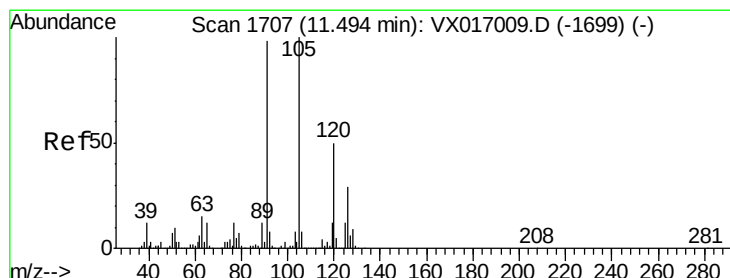
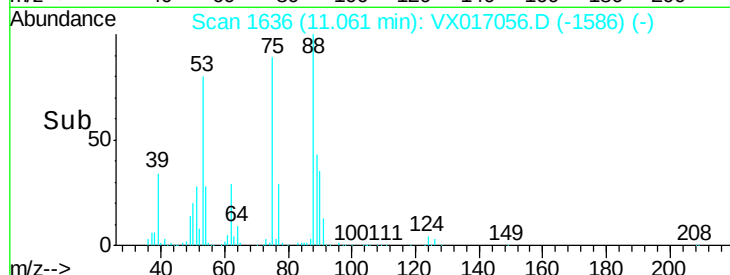
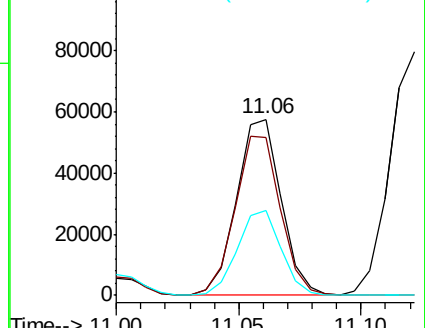
89 47.5 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.718 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017056.D

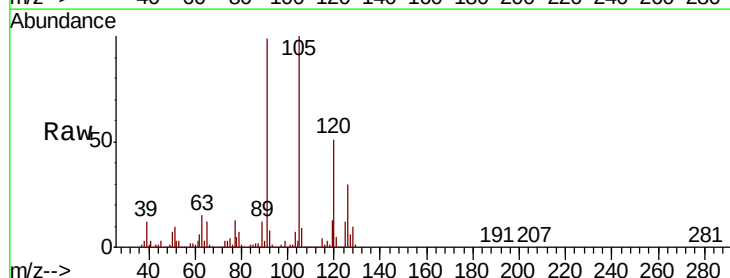
Acq: 30 Jun 2020 19:26

Tgt Ion: 91 Resp: 525932

Ion Ratio Lower Upper

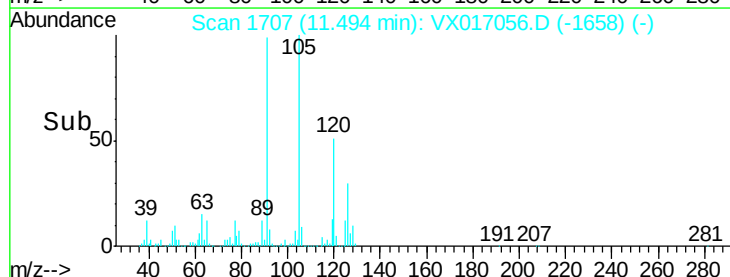
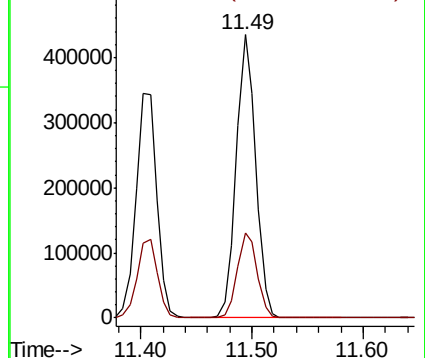
91 100

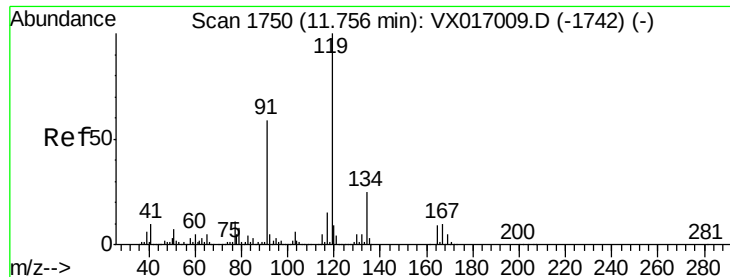
126 30.5 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

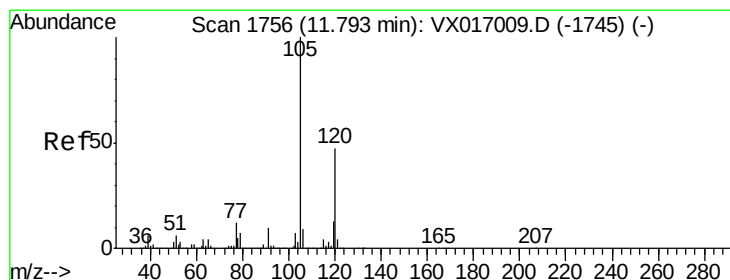
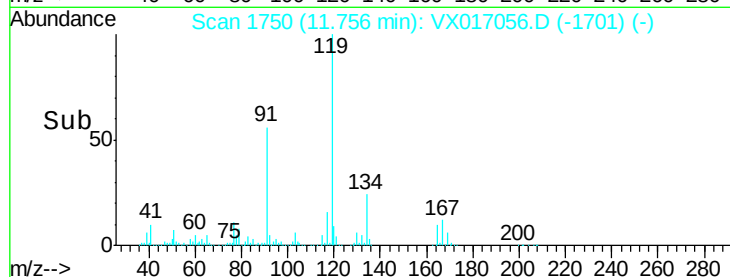
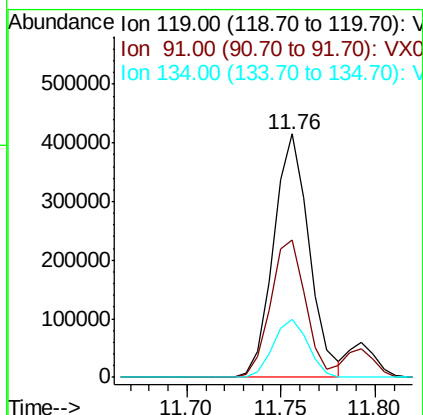
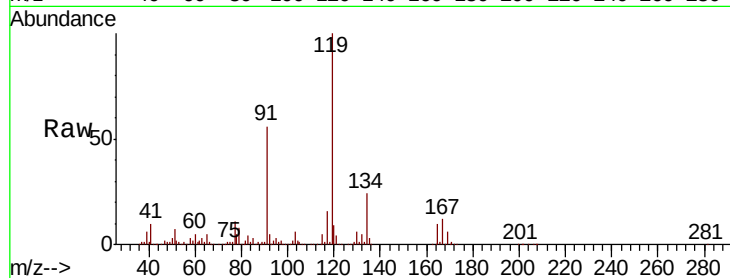




#83
tert-Butylbenzene
Concen: 48.499 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

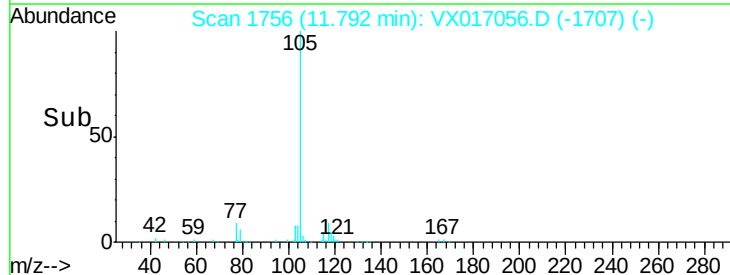
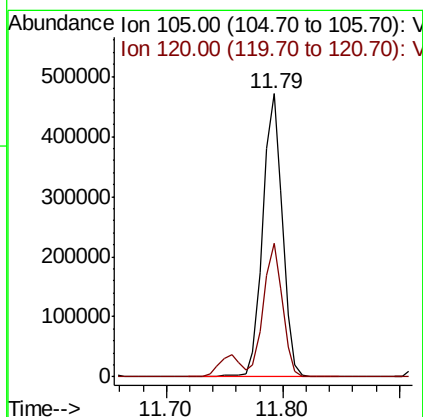
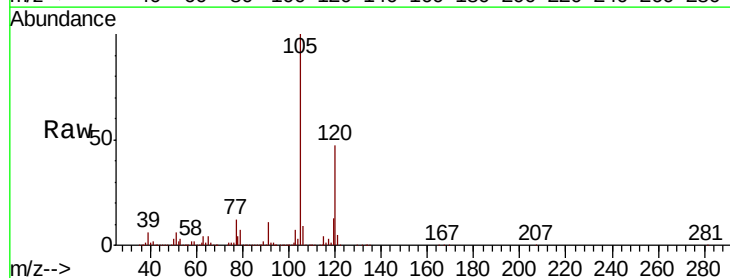
Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

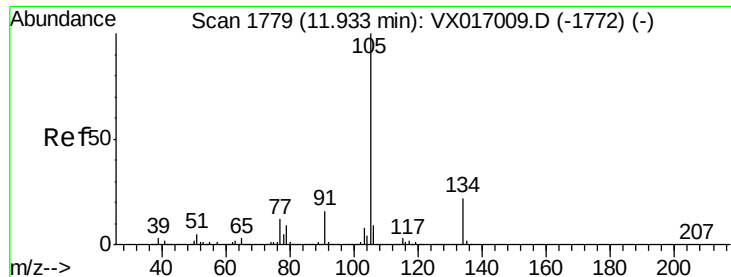
Tot Ion:119 Resp: 543385
Ion Ratio Lower Upper
119 100
91 55.2 28.3 84.9
134 23.5 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 47.950 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion:105 Resp: 555212
Ion Ratio Lower Upper
105 100
120 46.1 22.9 68.5





#85

sec-Butylbenzene

Concen: 46.935 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

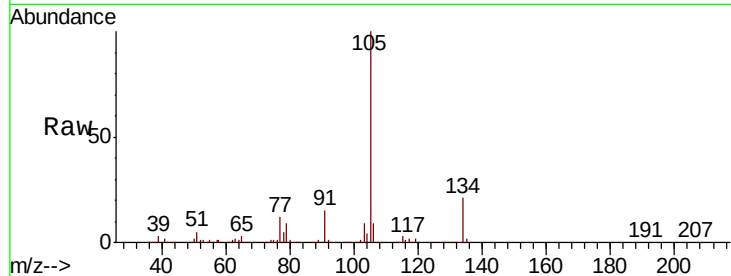
61BR-20200624MS

Tot Ion:105 Resp: 618143

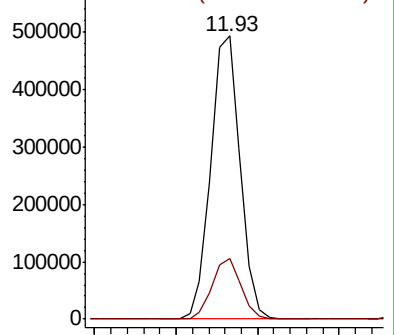
Ion Ratio Lower Upper

105 100

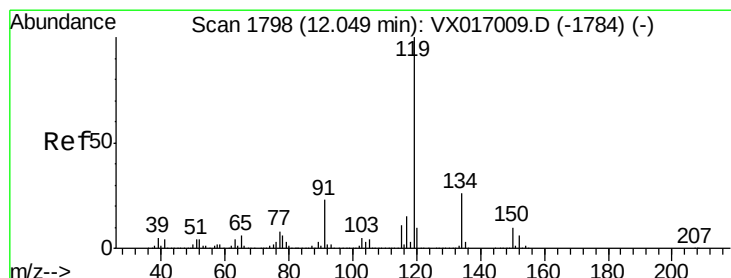
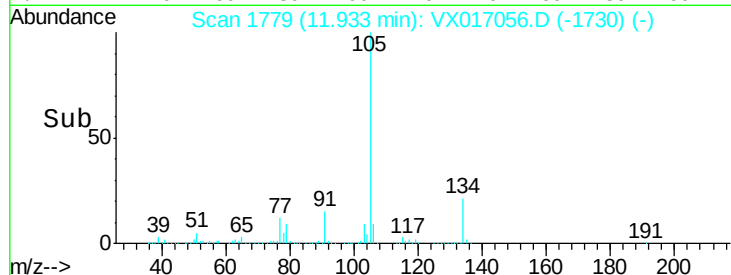
134 21.2 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V



Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 46.884 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

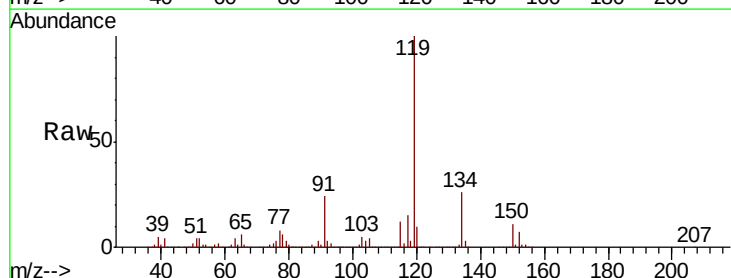
Tgt Ion:119 Resp: 574819

Ion Ratio Lower Upper

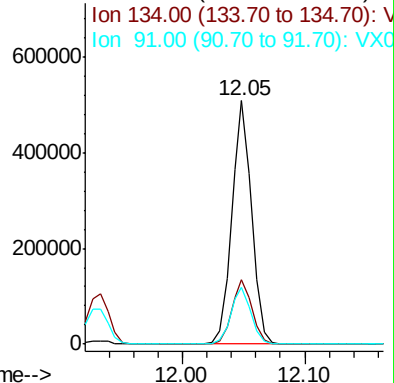
119 100

134 26.6 13.2 39.5

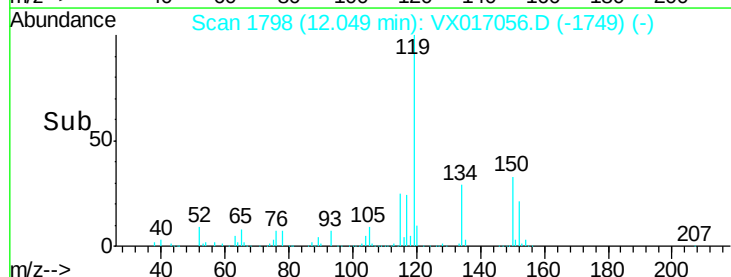
91 23.8 11.8 35.4

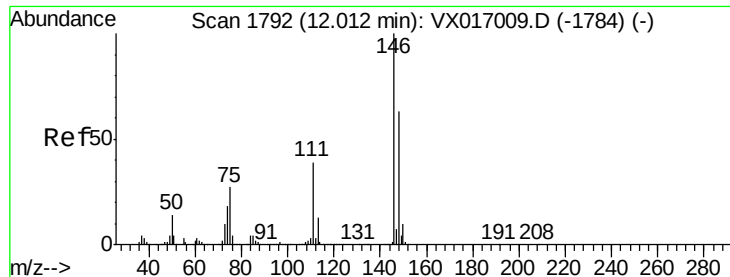


Abundance Ion 119.00 (118.70 to 119.70): V



Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 44.422 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

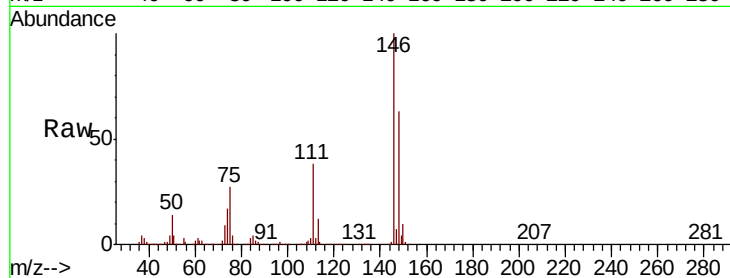
Tot Ion:146 Resp: 305108

Ion Ratio Lower Upper

146 100

111 39.2 20.4 61.2

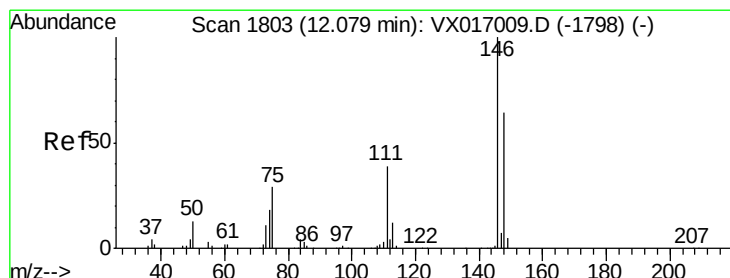
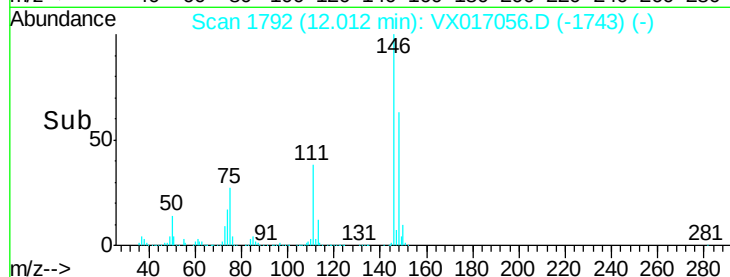
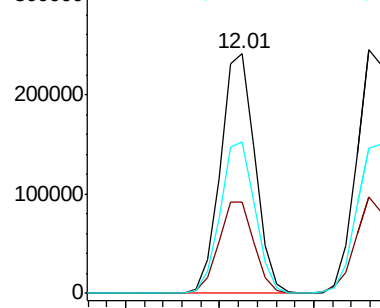
148 63.7 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.192 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

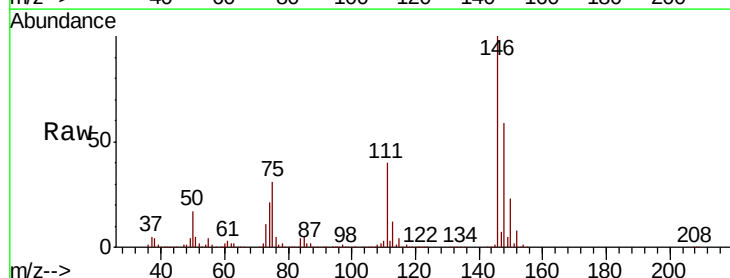
Tgt Ion:146 Resp: 305743

Ion Ratio Lower Upper

146 100

111 38.7 19.5 58.5

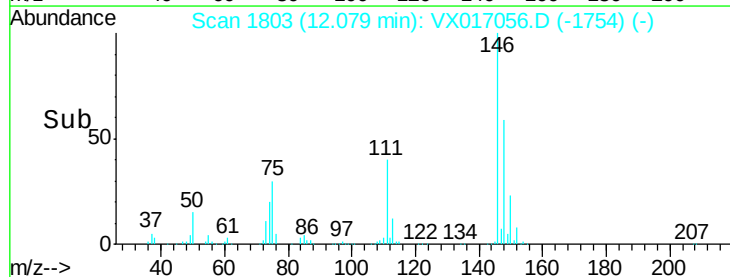
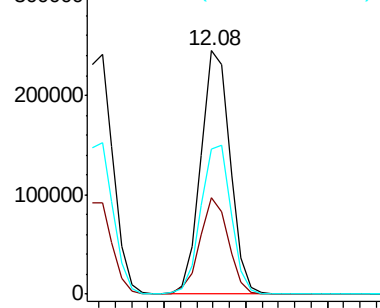
148 63.2 31.9 95.7

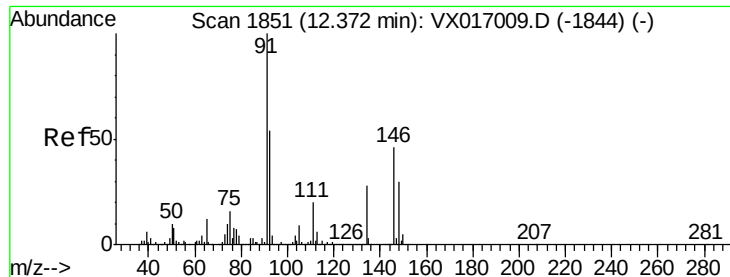


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

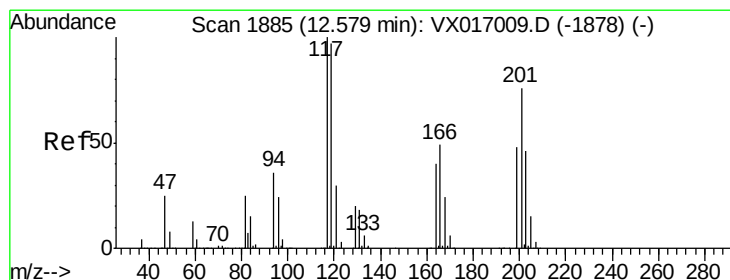
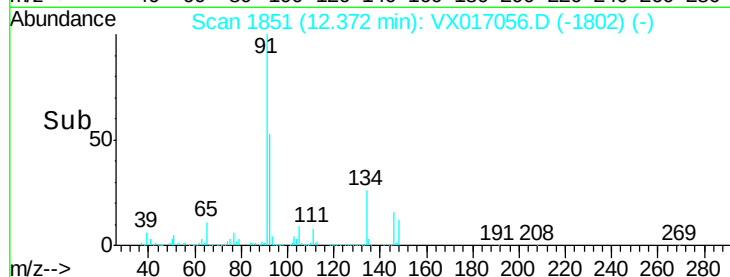
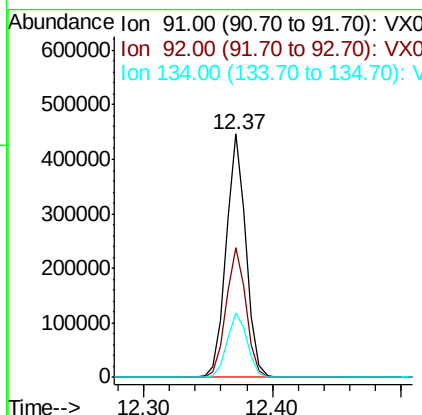
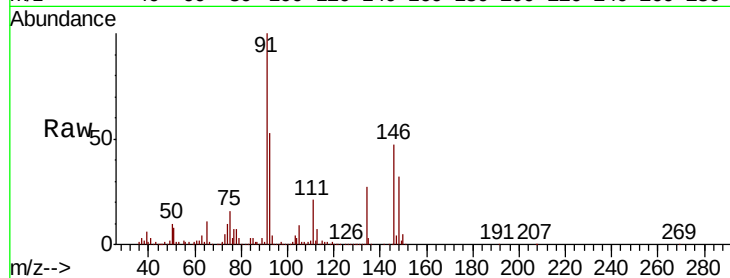




#89
n-Butylbenzene
Concen: 43.933 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

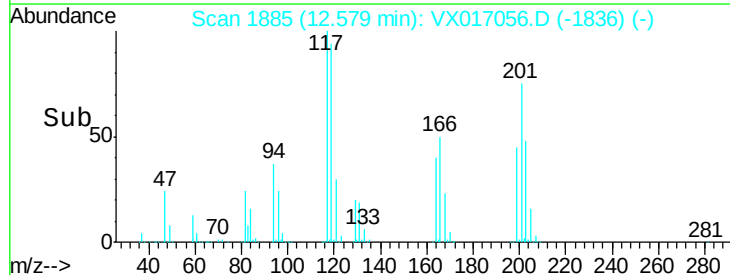
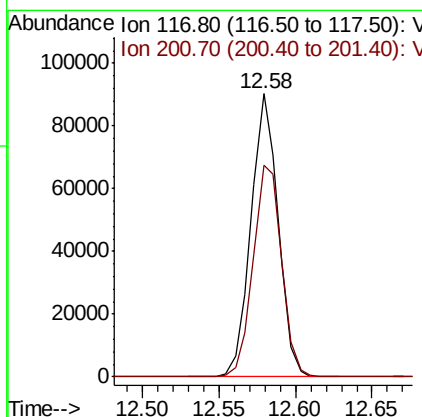
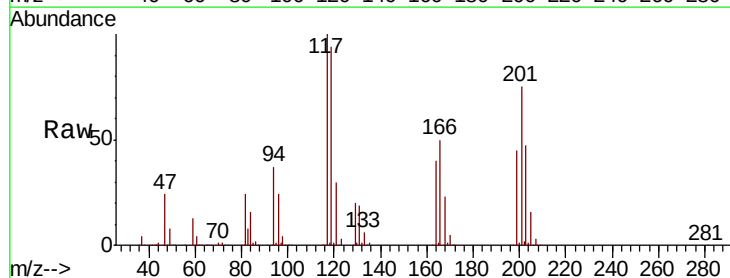
Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MS

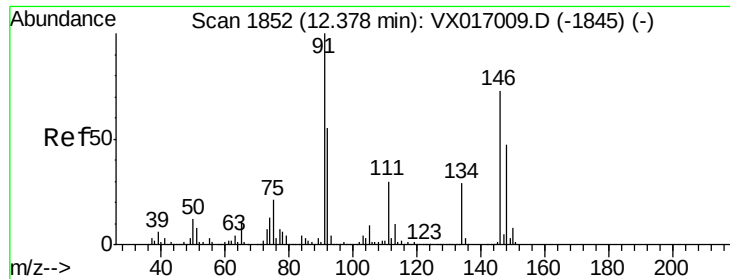
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.2	81.6
134	27.4	13.6	40.7



#90
Hexachloroethane
Concen: 46.059 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017056.D
Acq: 30 Jun 2020 19:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.5	39.4	118.2

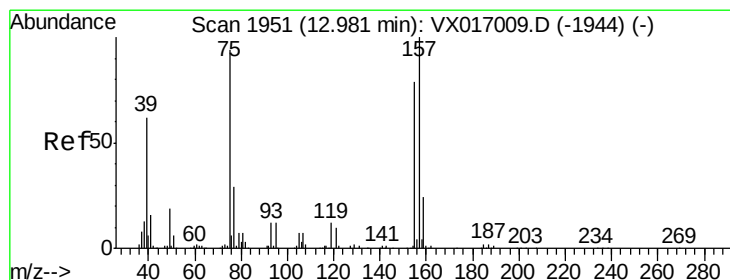
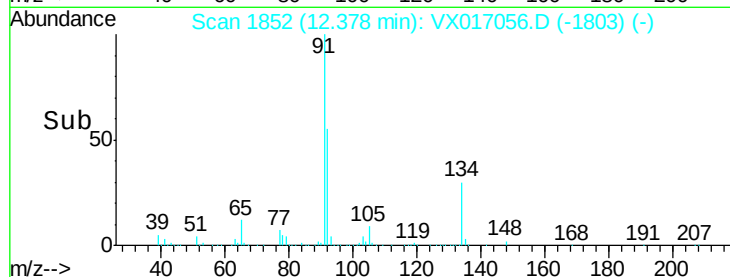
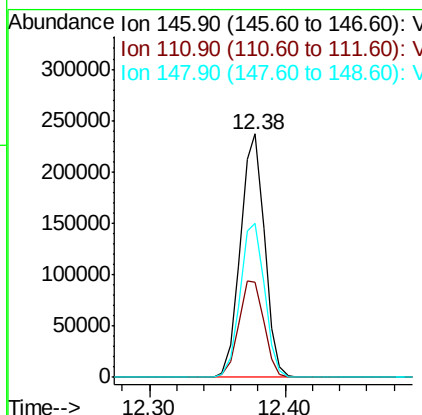
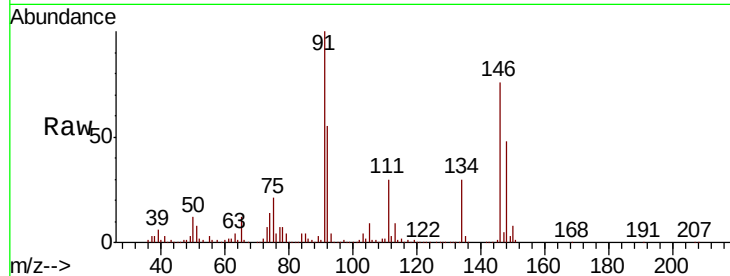




#91
 1,2-Dichlorobenzene
 Concen: 45.566 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

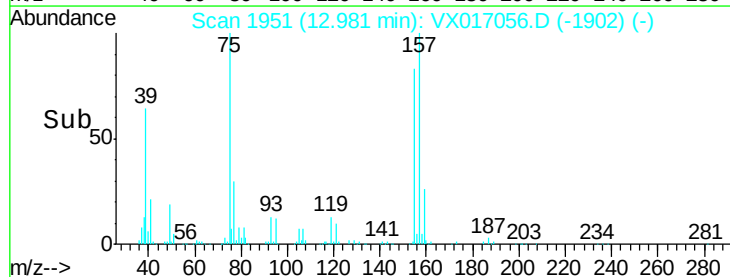
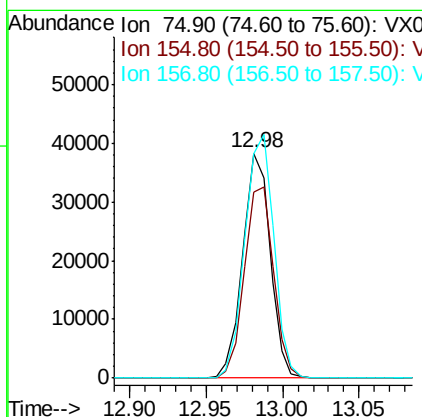
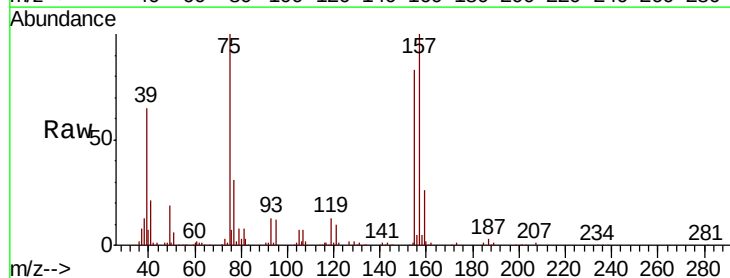
Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

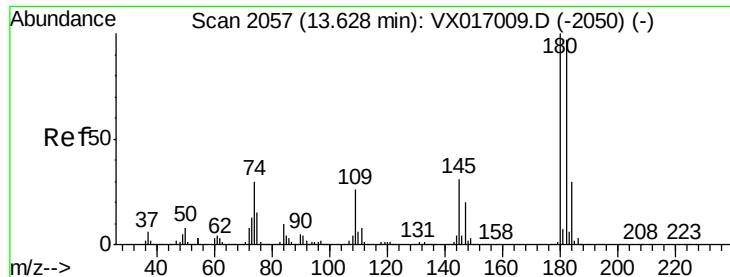
Tot Ion:146 Resp: 292540
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.6 61.9
 148 64.3 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.450 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Tgt Ion: 75 Resp: 47961
 Ion Ratio Lower Upper
 75 100
 155 89.9 45.1 135.2
 157 114.5 56.5 169.3

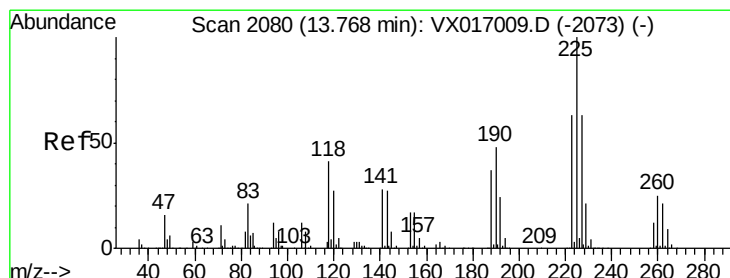
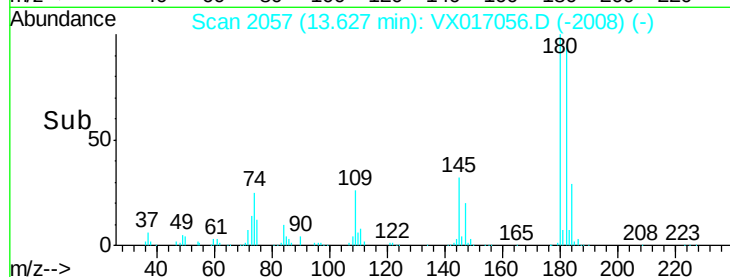
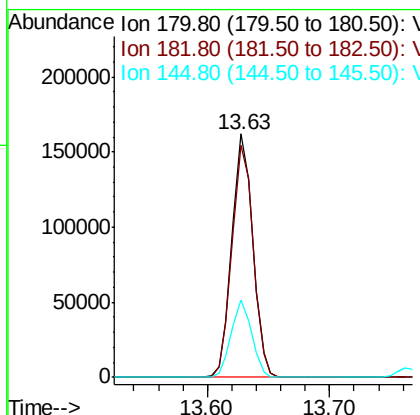
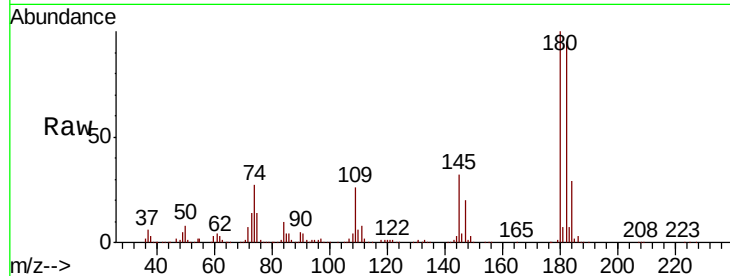




#93
 1,2,4-Trichlorobenzene
 Concen: 43.510 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

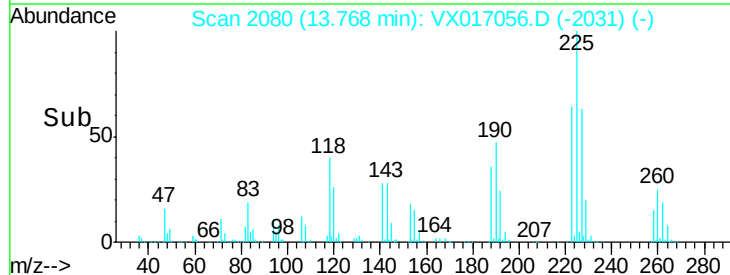
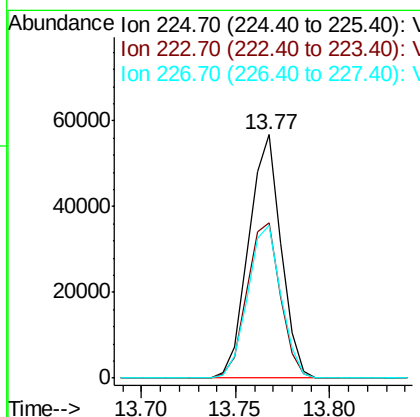
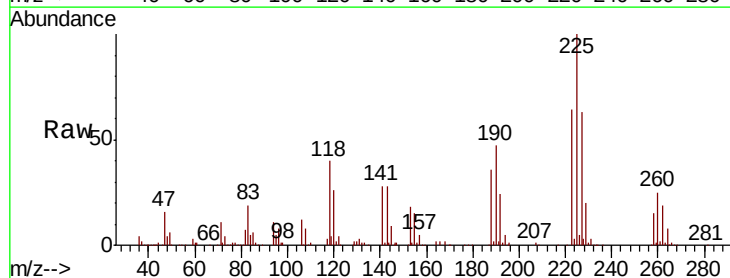
Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MS

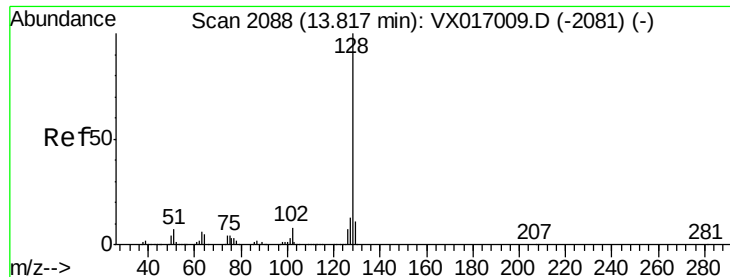
Tot Ion:180 Resp: 190664
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.3 141.9
 145 31.2 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 40.872 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017056.D
 Acq: 30 Jun 2020 19:26

Tgt Ion:225 Resp: 67713
 Ion Ratio Lower Upper
 225 100
 223 65.8 32.5 97.5
 227 64.3 33.1 99.2





#95

Naphthalene

Concen: 48.449 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MS

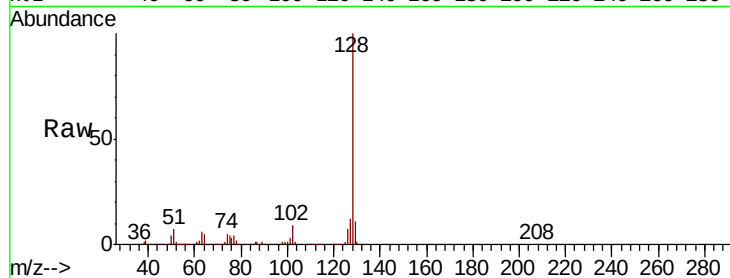
Tot Ion:128 Resp: 645442

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

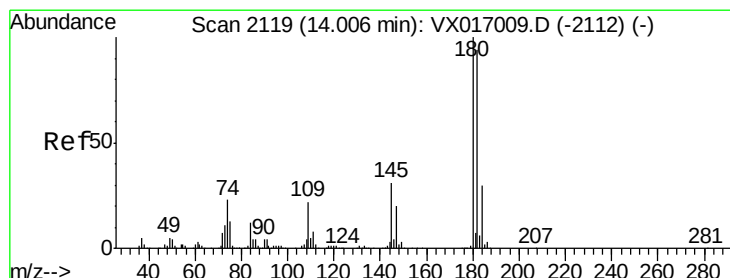
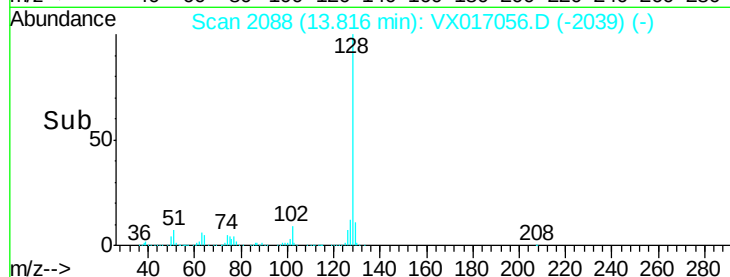
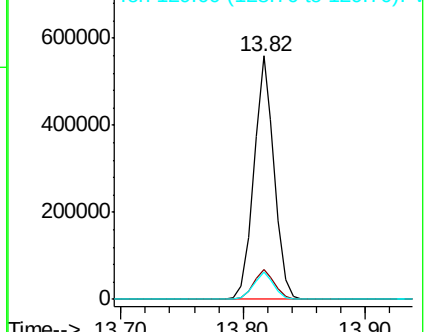
129 11.0 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 45.516 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017056.D

Acq: 30 Jun 2020 19:26

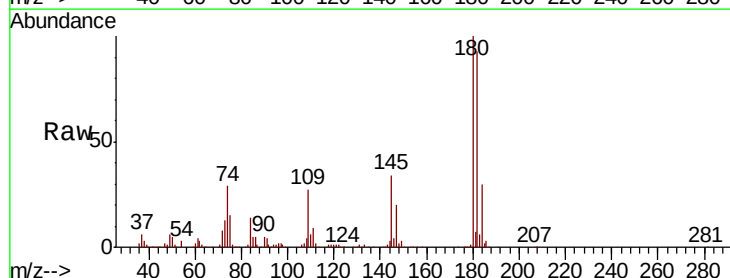
Tgt Ion:180 Resp: 193026

Ion Ratio Lower Upper

180 100

182 95.3 47.1 141.4

145 32.2 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

