

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017057.D
 Acq On : 30 Jun 2020 19:49
 Operator : JC/SP
 Sample : L3112-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

Quant Time: Jul 01 08:11:59 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	254672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	404534	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	390090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	158829	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	5.46	113	130182	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	8.70	98	474020	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	11.12	95	188334	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	112798	45.782	ug/l	97
3) Chloromethane	1.31	50	127543	42.767	ug/l	99
4) Vinyl Chloride	1.39	62	129356	46.749	ug/l	99
5) Bromomethane	1.62	94	75126	51.390	ug/l	98
6) Chloroethane	1.71	64	77727	47.562	ug/l	99
7) Trichlorofluoromethane	1.92	101	200212	48.924	ug/l	98
8) Diethyl Ether	2.17	74	70638	51.292	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	109654	44.707	ug/l	98
10) Methyl Iodide	2.49	142	137040	43.301	ug/l	99
11) Tert butyl alcohol	3.01	59	136453	227.823	ug/l	98
12) 1,1-Dichloroethene	2.36	96	118017	46.839	ug/l	97
13) Acrolein	2.27	56	83826	234.127	ug/l	99
14) Allyl chloride	2.71	41	213108	45.766	ug/l	99
15) Acrylonitrile	3.12	53	354829	246.438	ug/l	99
16) Acetone	2.42	43	284120	241.909	ug/l	97
17) Carbon Disulfide	2.55	76	348831	49.613	ug/l	100
18) Methyl Acetate	2.75	43	142967	46.629	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	419952	49.661	ug/l	99
20) Methylene Chloride	2.83	84	135801	50.422	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	135279	48.381	ug/l	98
22) Diisopropyl ether	3.82	45	419450	48.669	ug/l	99
23) Vinyl Acetate	3.79	43	1786436	241.221	ug/l	99
24) 1,1-Dichloroethane	3.67	63	236119	48.150	ug/l	100
25) 2-Butanone	4.64	43	475571	243.009	ug/l	100
26) 2,2-Dichloropropane	4.55	77	177377	40.738	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	179215	56.567	ug/l	97
28) Bromochloromethane	4.98	49	112449	47.123	ug/l	98
29) Tetrahydrofuran	5.09	42	318477	246.301	ug/l	100
30) Chloroform	5.18	83	243284	48.397	ug/l	98
31) Cyclohexane	5.55	56	192708	45.464	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	220452	47.619	ug/l	98
36) 1,1-Dichloropropene	5.77	75	179097	46.843	ug/l	100
37) Ethyl Acetate	4.79	43	181301	46.737	ug/l	99
38) Carbon Tetrachloride	5.76	117	205044	48.691	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017057.D
 Acq On : 30 Jun 2020 19:49
 Operator : JC/SP
 Sample : L3112-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

Quant Time: Jul 01 08:11:59 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)
39) Methylcyclohexane	7.45	83	187495	44.076	ug/l	97
40) Benzene	6.12	78	535087	47.633	ug/l	99
41) Methacrylonitrile	5.00	41	104538	47.881	ug/l	98
42) 1,2-Dichloroethane	6.17	62	197000	48.550	ug/l	100
43) Isopropyl Acetate	6.42	43	303684	47.111	ug/l	99
44) Trichloroethene	7.19	130	157602	50.846	ug/l	99
45) 1,2-Dichloropropane	7.49	63	139814	48.458	ug/l	100
46) Dibromomethane	7.64	93	97500	49.497	ug/l	99
47) Bromodichloromethane	7.88	83	201568	49.654	ug/l	98
48) Methyl methacrylate	7.74	41	155381	50.737	ug/l	99
49) 1,4-Dioxane	7.71	88	59577	858.702	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	950399	247.338	ug/l	100
52) Toluene	8.77	92	340986	48.618	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	215164	48.039	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	221797	46.194	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	139838	48.799	ug/l	99
56) Ethyl methacrylate	9.16	69	209554	51.378	ug/l	100
57) 1,3-Dichloropropane	9.35	76	233311	48.117	ug/l	100
59) 2-Hexanone	9.47	43	725252	258.436	ug/l	99
60) Dibromochloromethane	9.57	129	167758	50.404	ug/l	99
61) 1,2-Dibromoethane	9.65	107	151001	49.023	ug/l	100
64) Tetrachloroethene	9.32	164	141383	44.908	ug/l	94
65) Chlorobenzene	10.12	112	378283	46.985	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	149385	48.145	ug/l	100
67) Ethyl Benzene	10.24	91	652321	48.516	ug/l	99
68) m/p-Xylenes	10.34	106	508602	98.515	ug/l	99
69) o-Xylene	10.68	106	238996	48.663	ug/l	98
70) Styrene	10.70	104	423877	50.683	ug/l	100
71) Bromoform	10.84	173	126886	51.569	ug/l #	99
73) Isopropylbenzene	11.00	105	648525	48.742	ug/l	100
74) N-amyl acetate	10.88	43	269416	47.455	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	199757	47.728	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	244573	61.228	ug/l	86
77) Bromobenzene	11.24	156	176275	48.205	ug/l	98
78) n-propylbenzene	11.34	91	716501	47.621	ug/l	100
79) 2-Chlorotoluene	11.40	91	435746	47.852	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	548011	49.655	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	70691	45.830	ug/l	97
82) 4-Chlorotoluene	11.49	91	524122	48.148	ug/l	100
83) tert-Butylbenzene	11.76	119	534290	49.316	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	561336	50.135	ug/l	99
85) sec-Butylbenzene	11.93	105	607124	47.674	ug/l	100
86) p-Isopropyltoluene	12.05	119	580381	48.955	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	312250	47.015	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	310180	49.522	ug/l	99
89) n-Butylbenzene	12.37	91	479522	45.299	ug/l	100
90) Hexachloroethane	12.58	117	109686	46.917	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	289817	46.684	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47874	47.950	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	187210	44.182	ug/l	97

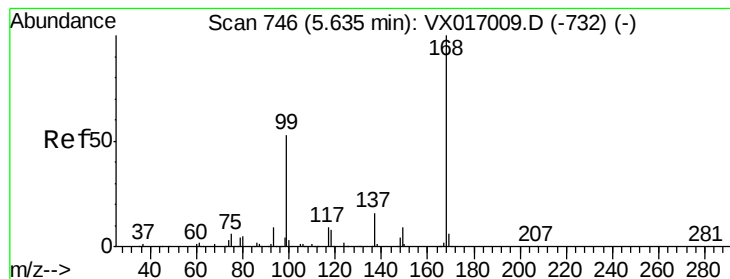
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
Data File : VX017057.D
Acq On : 30 Jun 2020 19:49
Operator : JC/SP
Sample : L3112-05MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

Quant Time: Jul 01 08:11:59 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)
94) Hexachlorobutadiene	13.77	225	69119	43.100	ug/l	99
95) Naphthalene	13.82	128	639161	49.617	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	192566	46.959	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

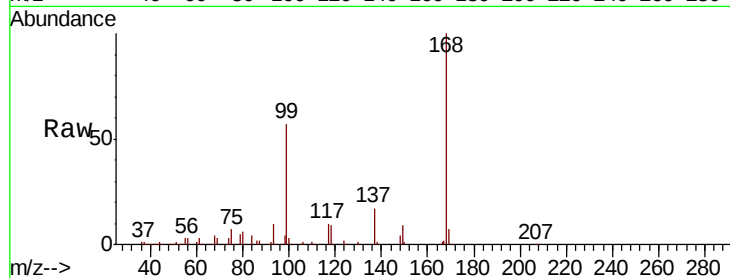
61BR-20200624MSD

Tot Ion:168 Resp: 254672

Ion Ratio Lower Upper

168 100

99 56.5 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

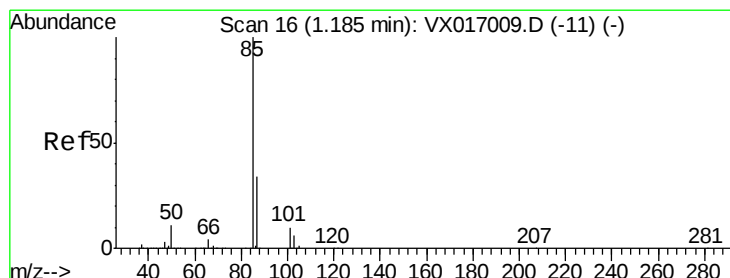
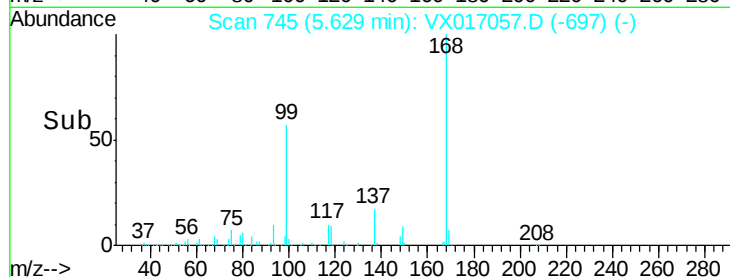
40000

20000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 45.782 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017057.D

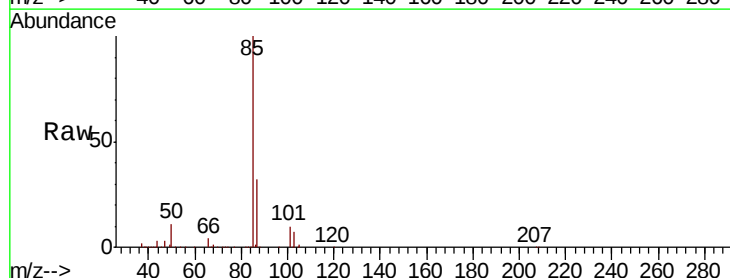
Acq: 30 Jun 2020 19:49

Tgt Ion: 85 Resp: 112798

Ion Ratio Lower Upper

85 100

87 32.1 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

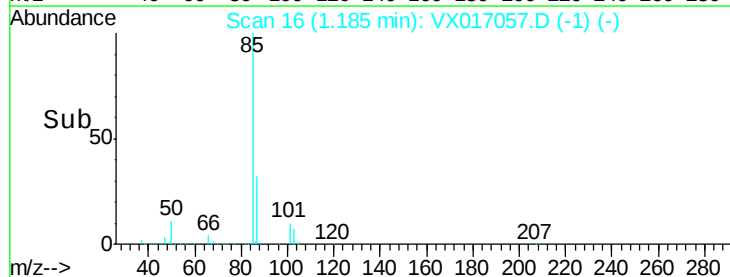
100000

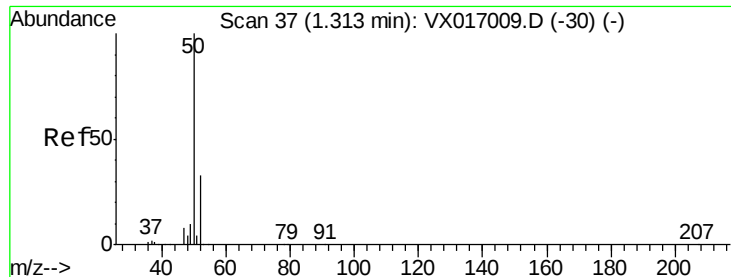
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 42.767 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

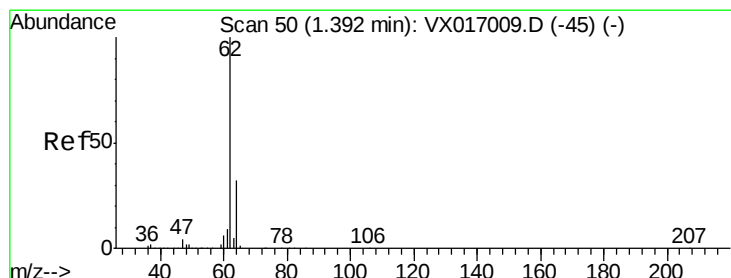
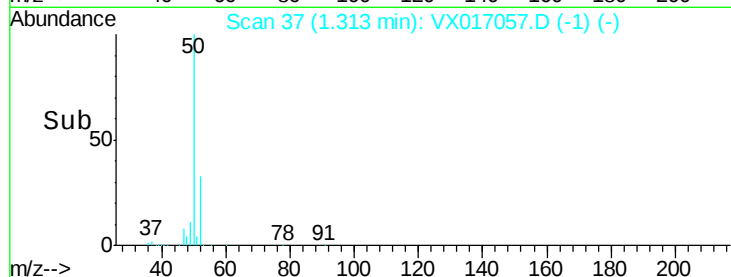
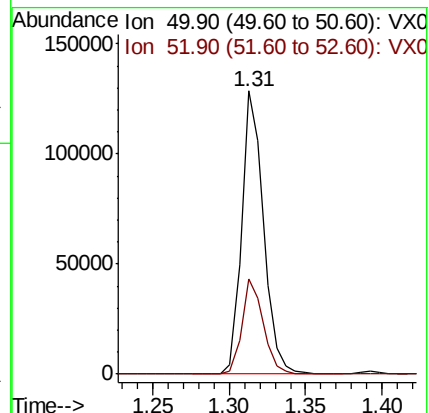
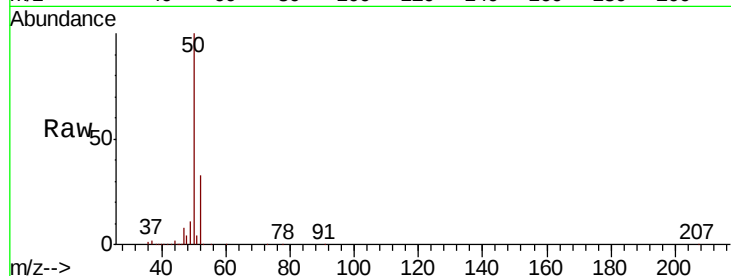
61BR-20200624MSD

Tot Ion: 50 Resp: 127543

Ion Ratio Lower Upper

50 100

52 33.4 26.1 39.1



#4

Vinyl Chloride

Concen: 46.749 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017057.D

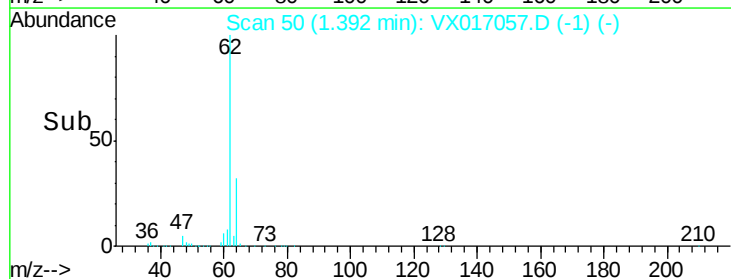
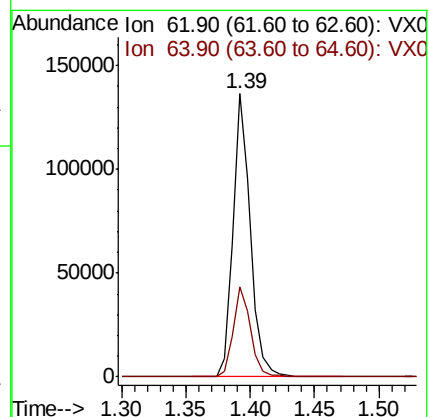
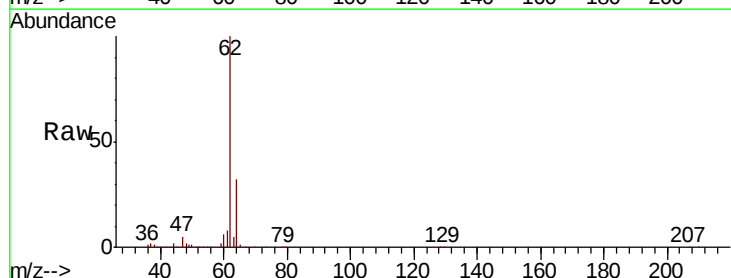
Acq: 30 Jun 2020 19:49

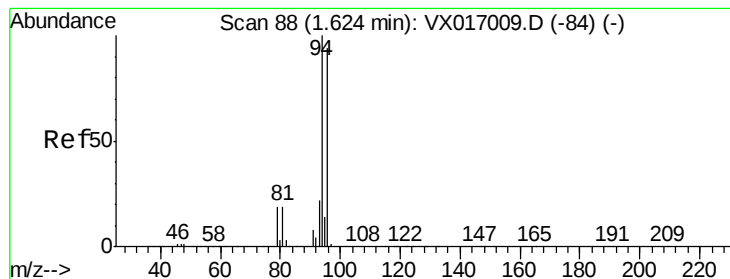
Tgt Ion: 62 Resp: 129356

Ion Ratio Lower Upper

62 100

64 32.0 25.9 38.9





#5

Bromomethane

Concen: 51.390 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

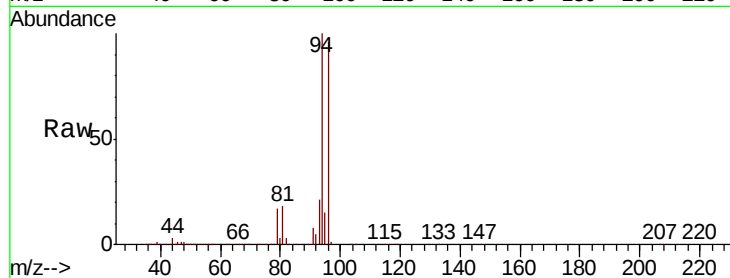
61BR-20200624MSD

Tot Ion: 94 Resp: 75126

Ion Ratio Lower Upper

94 100

96 96.0 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

60000

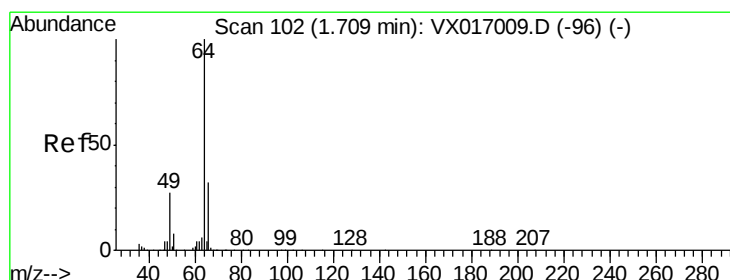
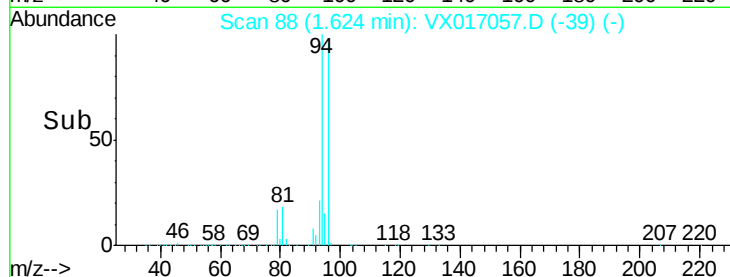
40000

20000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 47.562 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017057.D

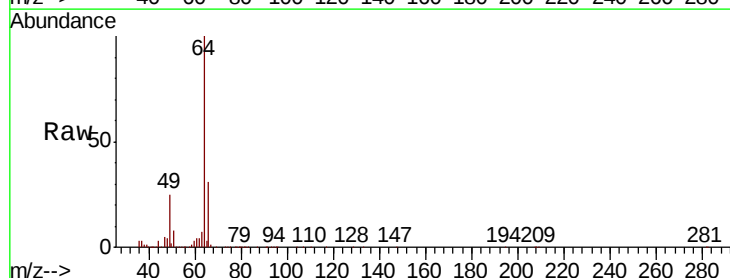
Acq: 30 Jun 2020 19:49

Tgt Ion: 64 Resp: 77727

Ion Ratio Lower Upper

64 100

66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

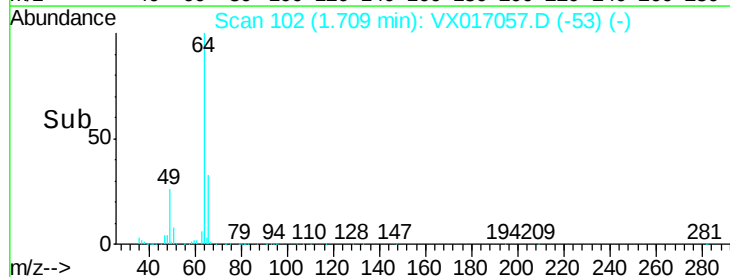
40000

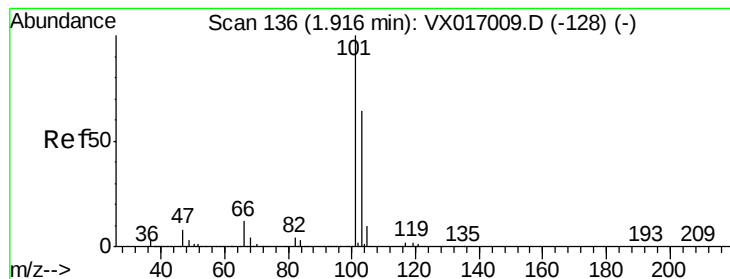
20000

0

Time-->

1.65 1.70 1.75 1.80



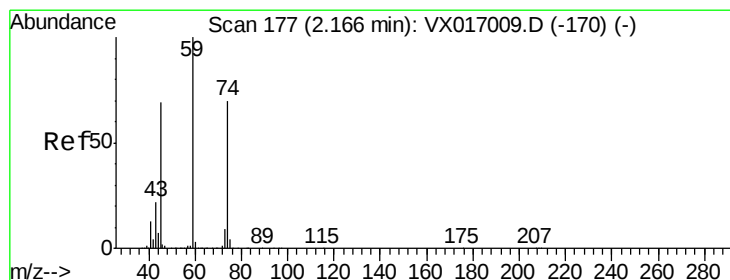
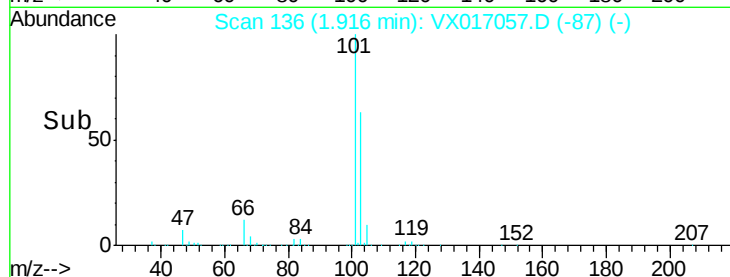
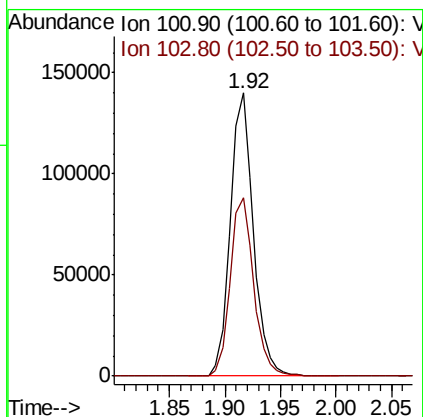
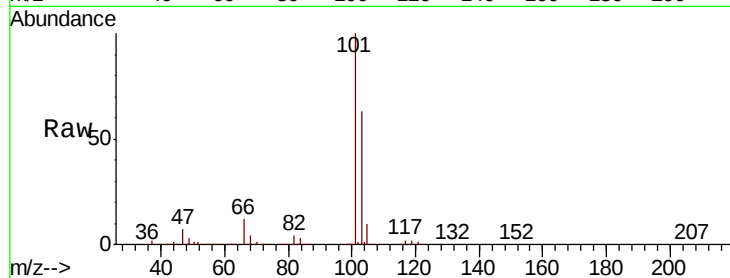


#7

Trichlorofluoromethane
 Concen: 48.924 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

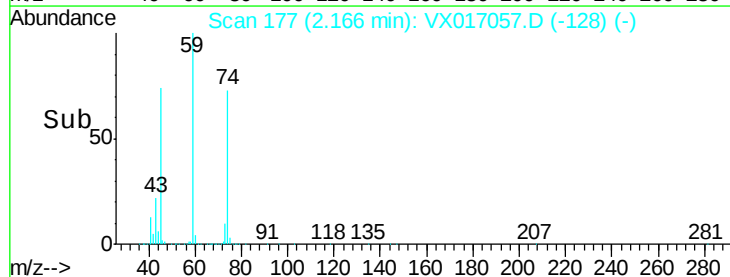
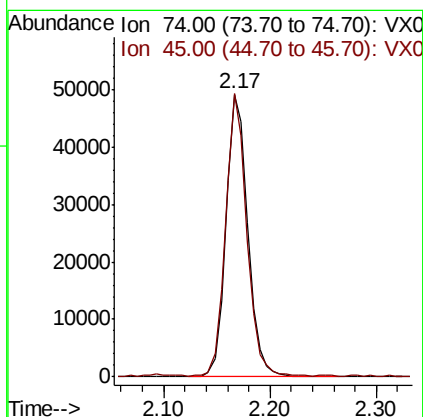
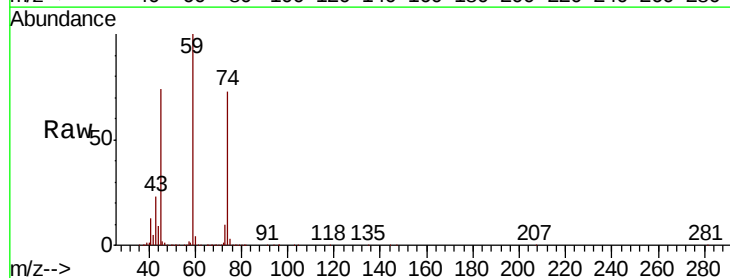
Tot Ion	101	Resp	200212
Ion Ratio	Lower	Upper	
101	100		
103	63.0	51.5	77.3

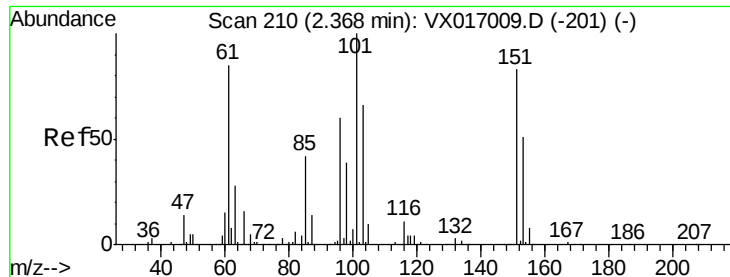


#8

Diethyl Ether
 Concen: 51.292 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Tgt Ion	74	Resp	70638
Ion Ratio	Lower	Upper	
74	100		
45	96.7	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.707 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

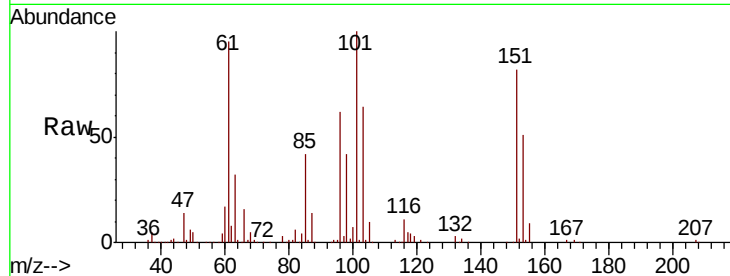
Tot Ion:101 Resp: 109654

Ion Ratio Lower Upper

101 100

85 42.8 33.5 50.3

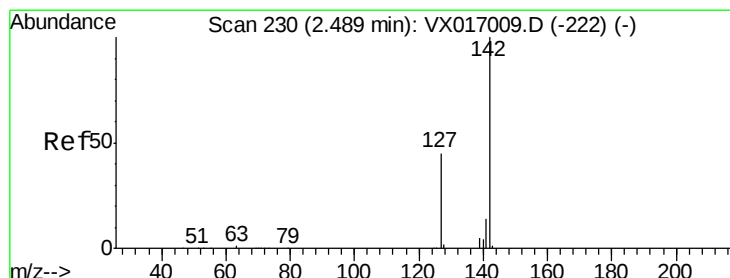
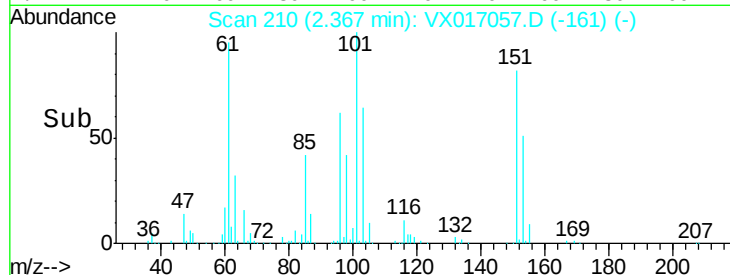
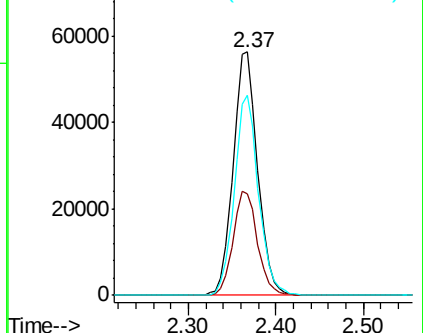
151 81.3 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.301 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

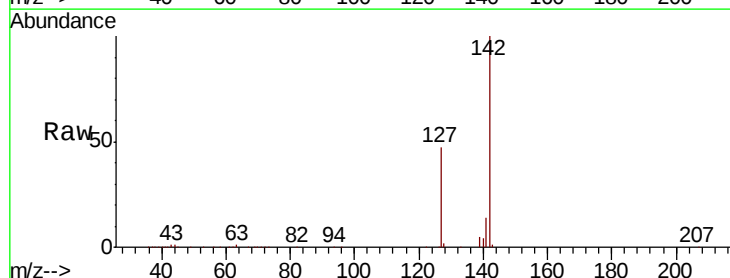
Tgt Ion:142 Resp: 137040

Ion Ratio Lower Upper

142 100

127 44.8 36.6 54.8

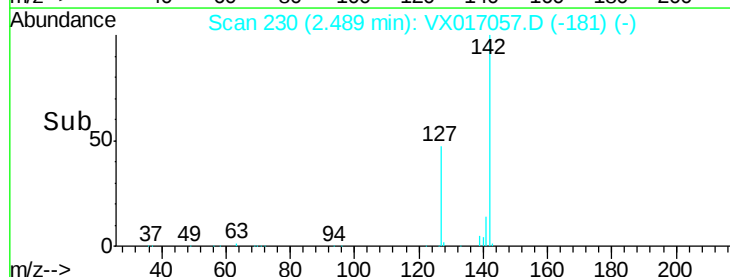
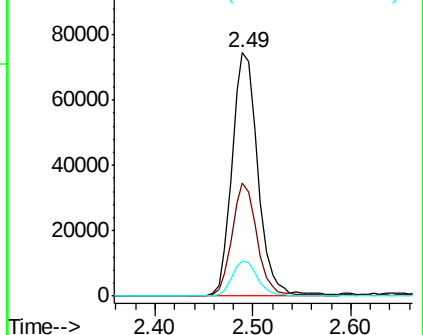
141 14.3 11.6 17.4



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



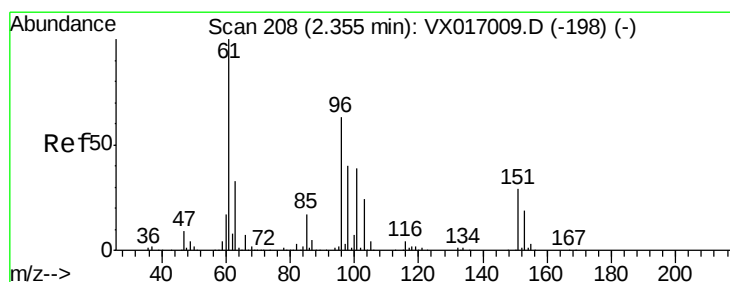
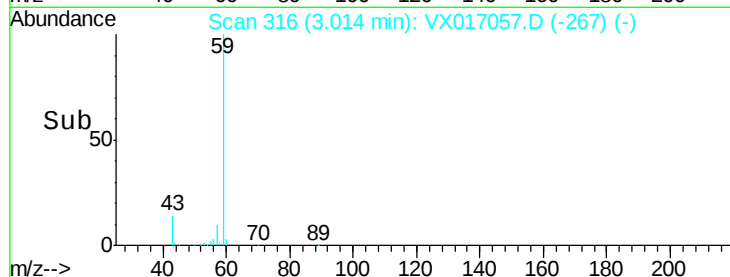
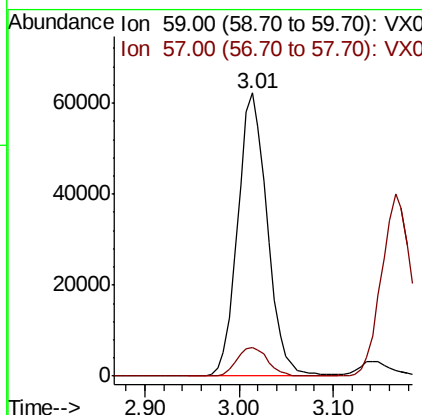
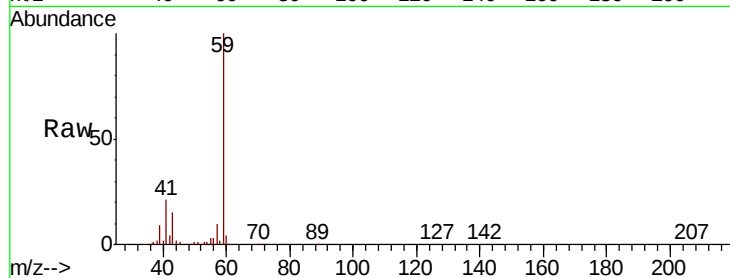


#11

Tert butyl alcohol
 Concen: 227.823 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

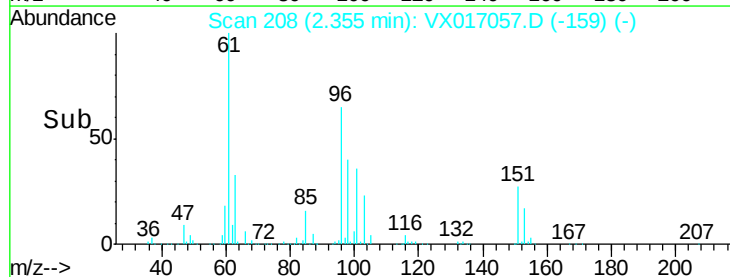
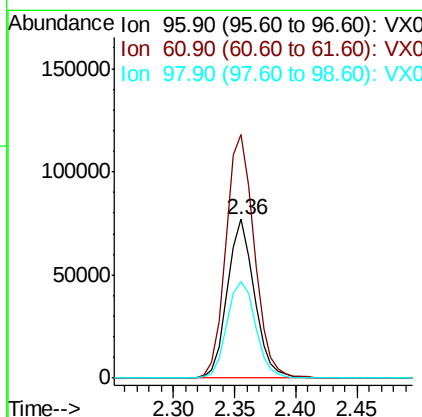
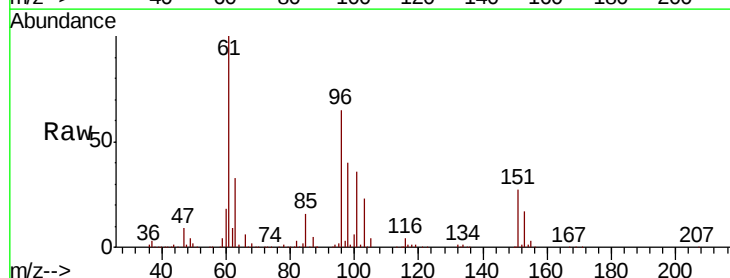
Tot Ion: 59 Resp: 136453
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.2 12.2

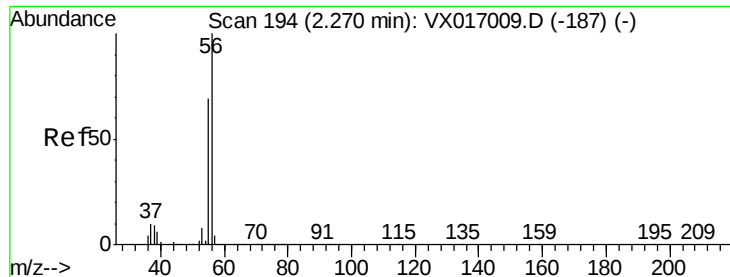


#12

1,1-Dichloroethene
 Concen: 46.839 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Tgt Ion: 96 Resp: 118017
 Ion Ratio Lower Upper
 96 100
 61 153.6 126.3 189.5
 98 61.0 51.0 76.6

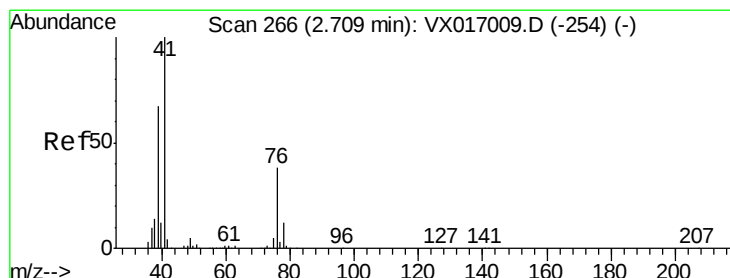
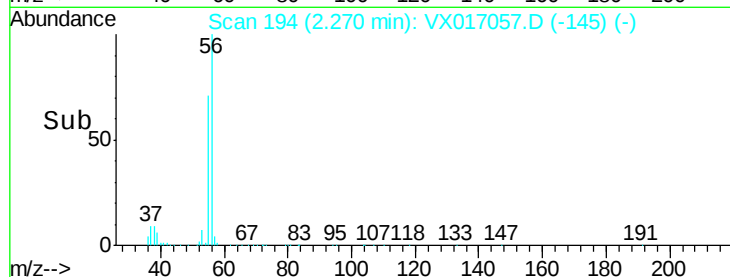
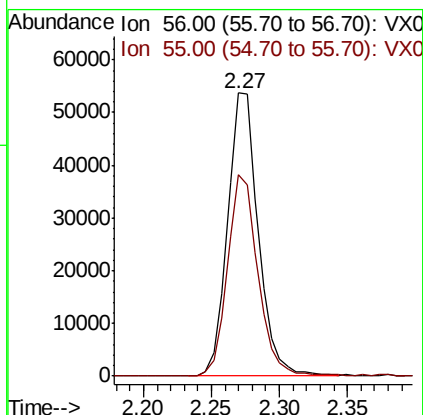
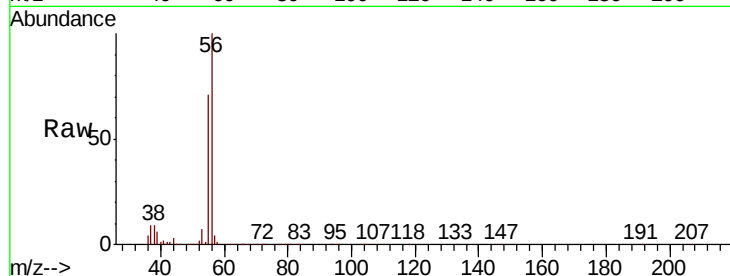




#13
Acrolein
Concen: 234.127 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

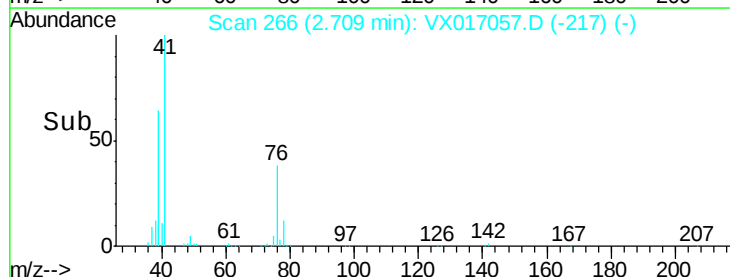
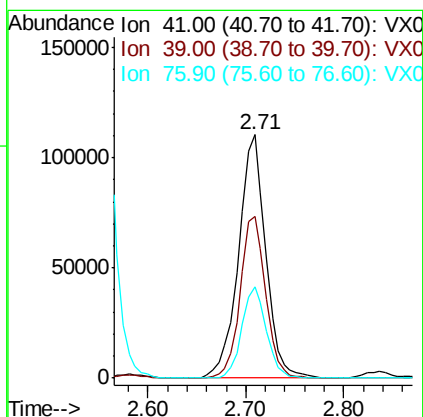
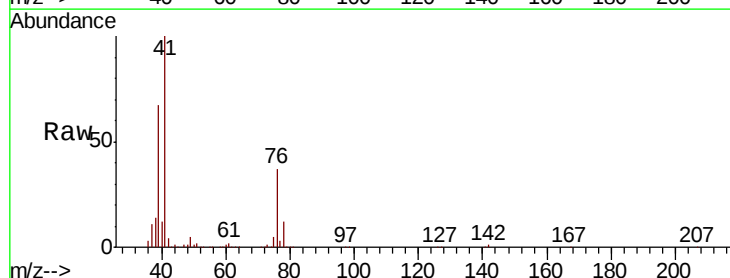
Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

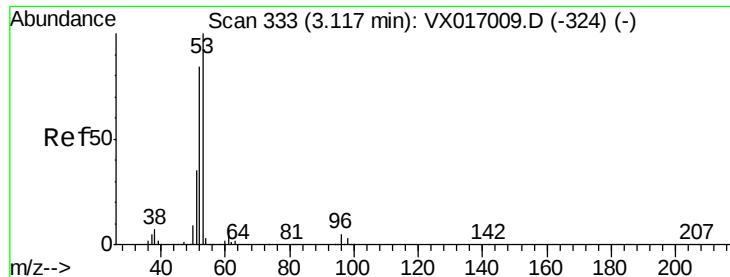
Tot Ion: 56 Resp: 83826
Ion Ratio Lower Upper
56 100
55 70.5 55.7 83.5



#14
Allyl chloride
Concen: 45.766 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion: 41 Resp: 213108
Ion Ratio Lower Upper
41 100
39 62.3 49.4 74.2
76 33.8 26.8 40.2

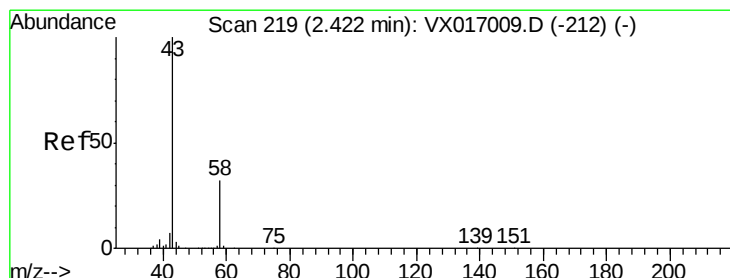
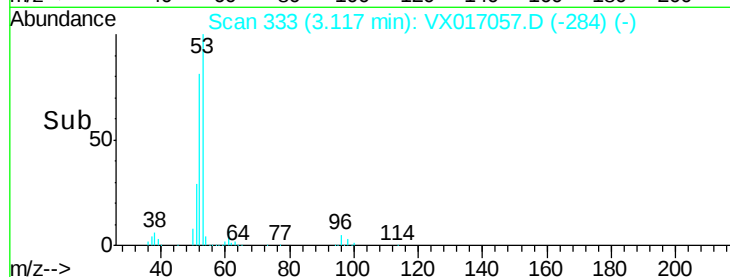
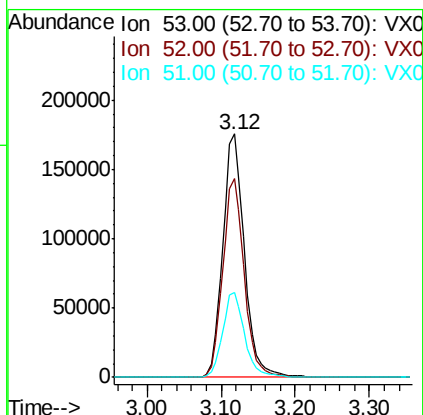
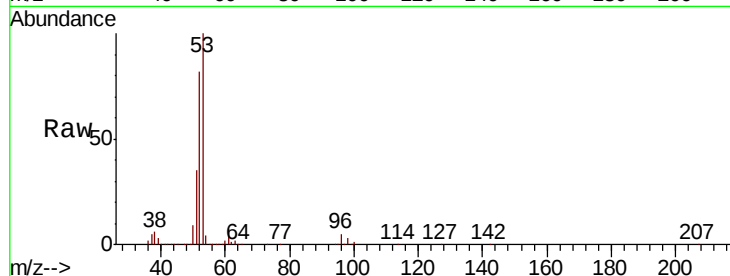




#15
 Acrylonitrile
 Concen: 246.438 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

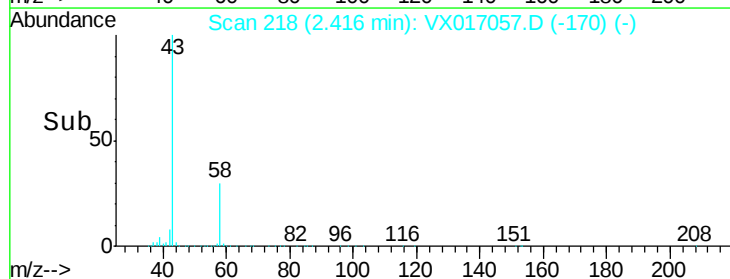
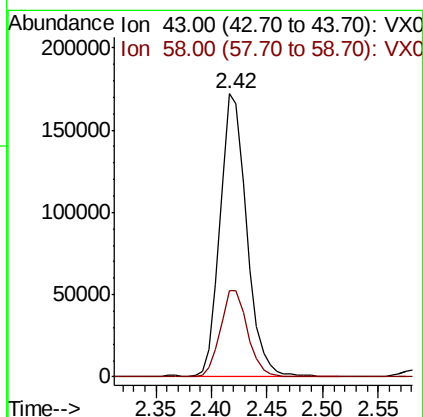
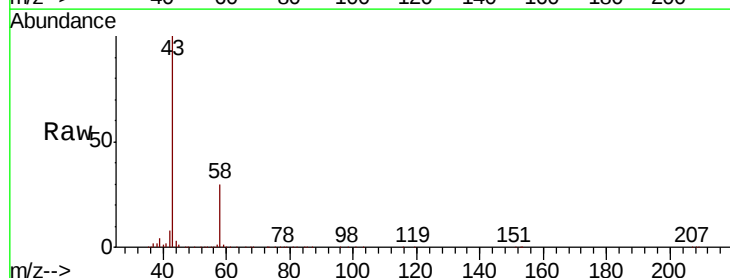
Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

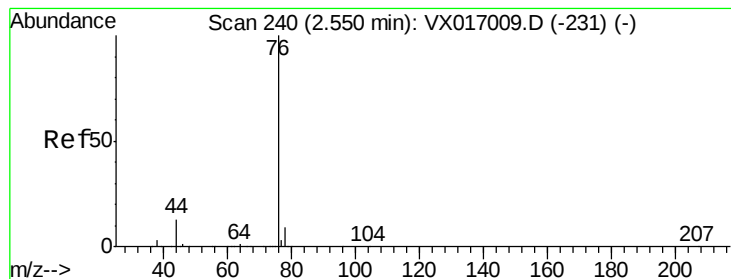
Tot Ion	53	Resp	354829
Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.6	98.4
51	35.3	28.3	42.5



#16
 Acetone
 Concen: 241.909 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Tgt Ion	43	Resp	284120
Ion	Ratio	Lower	Upper
43	100		
58	30.3	25.7	38.5





#17

Carbon Disulfide

Concen: 49.613 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

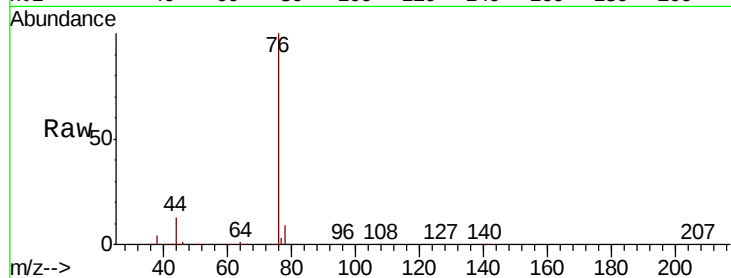
61BR-20200624MSD

Tot Ion: 76 Resp: 348831

Ion Ratio Lower Upper

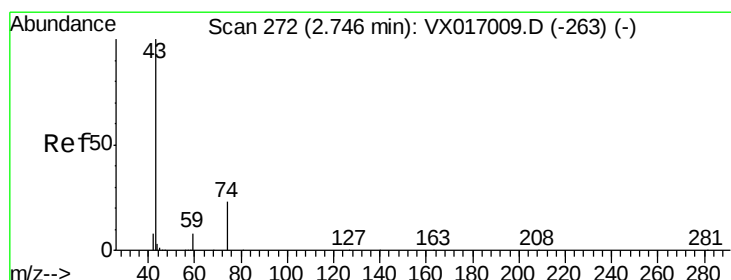
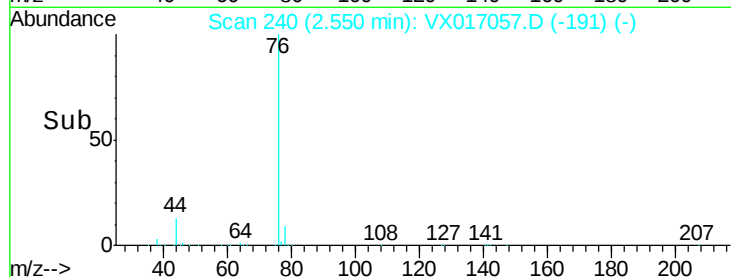
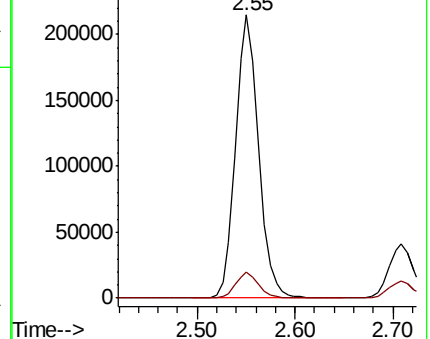
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX017009.D (-231) (-)

Ion 77.90 (77.60 to 78.60): VX017009.D (-231) (-)



#18

Methyl Acetate

Concen: 46.629 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX017057.D

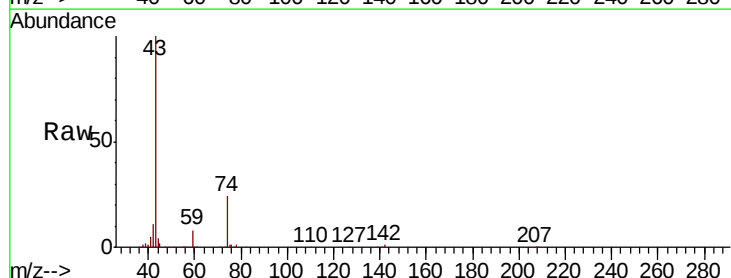
Acq: 30 Jun 2020 19:49

Tgt Ion: 43 Resp: 142967

Ion Ratio Lower Upper

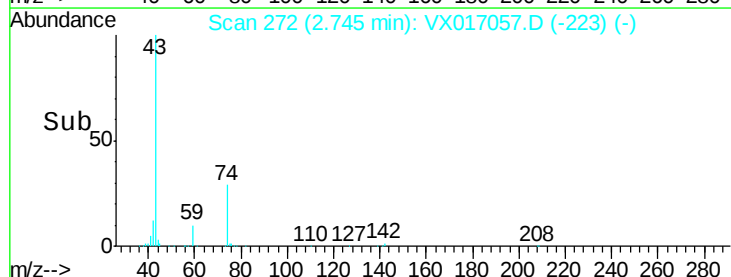
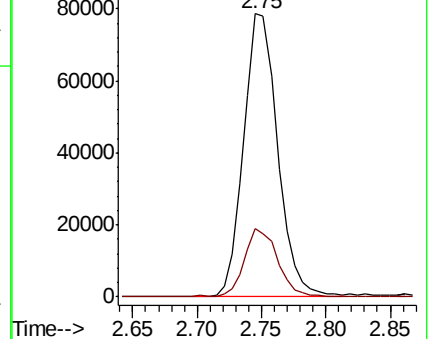
43 100

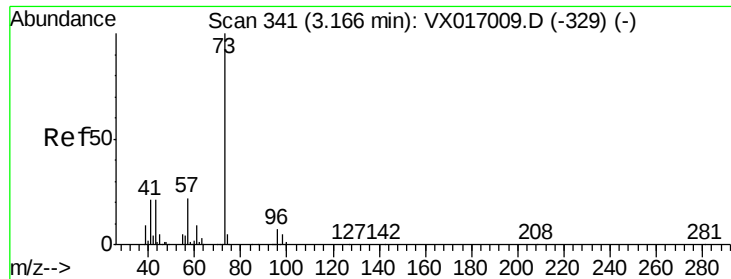
74 24.1 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX017009.D (-263) (-)

Ion 74.00 (73.70 to 74.70): VX017009.D (-263) (-)

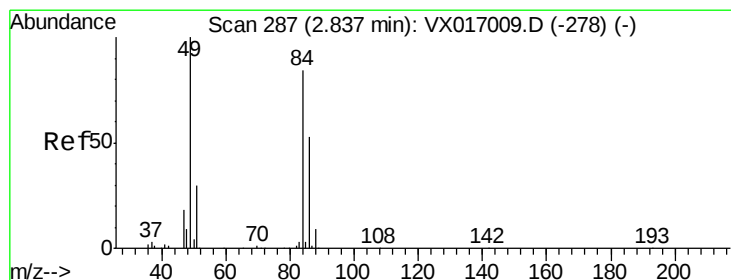
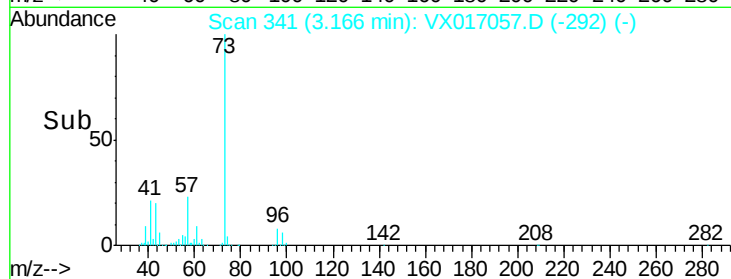
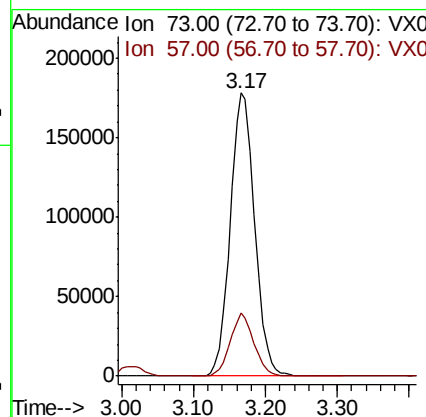
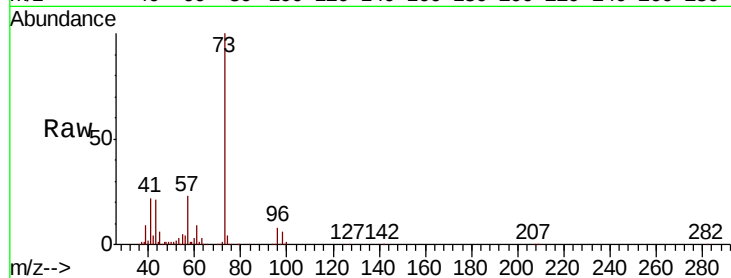




#19
Methvl tert-butvl Ether
Concen: 49.661 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

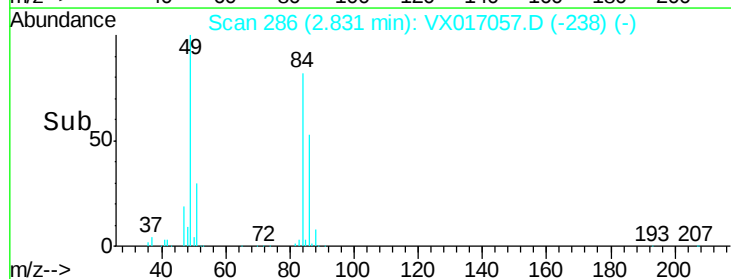
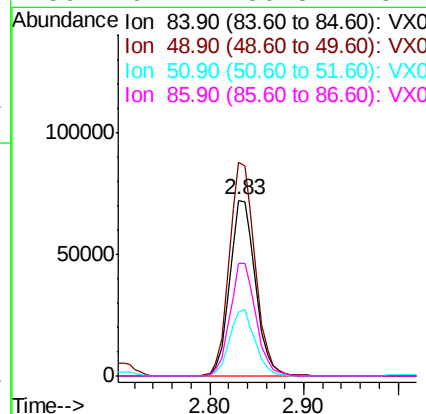
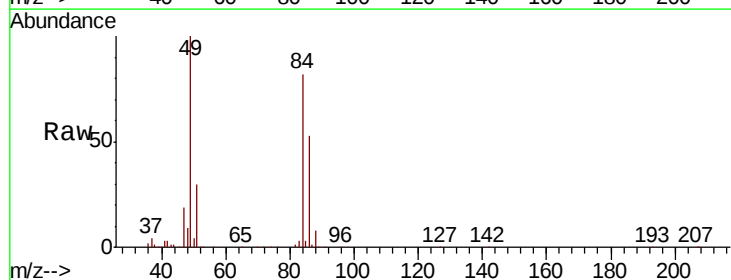
Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

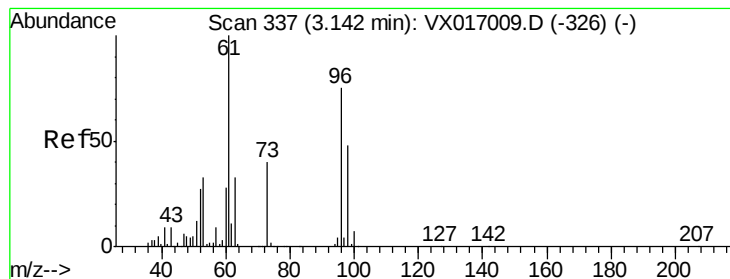
Tot Ion: 73 Resp: 419952
Ion Ratio Lower Upper
73 100
57 22.5 17.6 26.4



#20
Methylene Chloride
Concen: 50.422 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion: 84 Resp: 135801
Ion Ratio Lower Upper
84 100
49 121.6 94.7 142.1
51 36.4 28.6 42.8
86 64.4 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 48.381 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

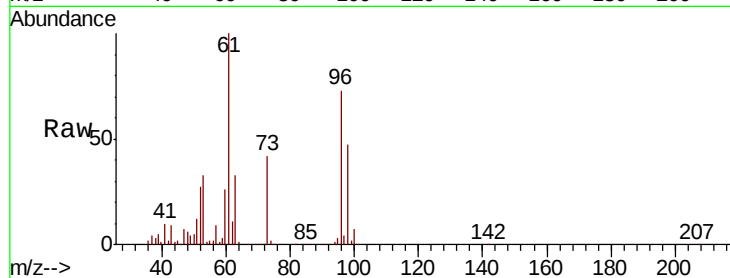
Tot Ion: 96 Resp: 135279

Ion Ratio Lower Upper

96 100

61 136.5 107.0 160.6

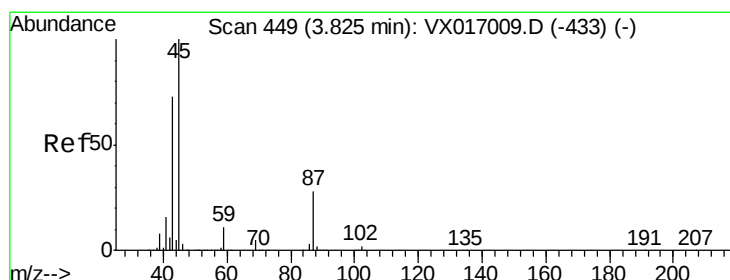
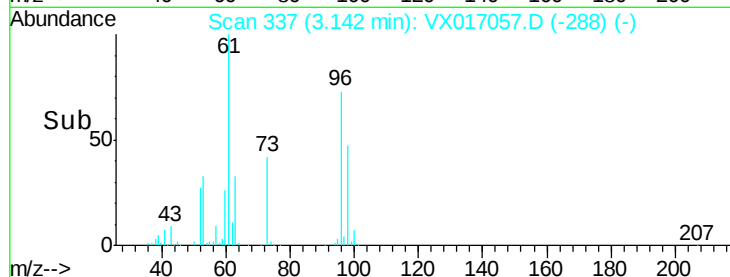
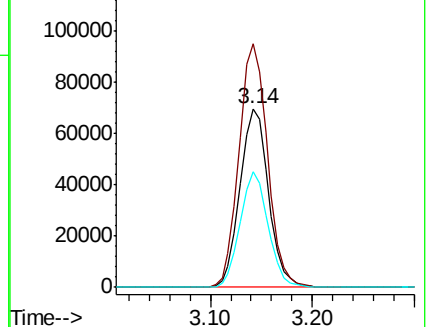
98 64.7 51.6 77.4



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: 48.669 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Tgt Ion: 45 Resp: 419450

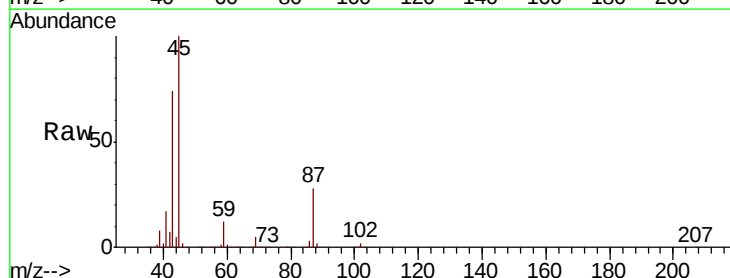
Ion Ratio Lower Upper

45 100

43 73.8 58.6 88.0

87 28.2 22.6 34.0

59 11.5 8.7 13.1

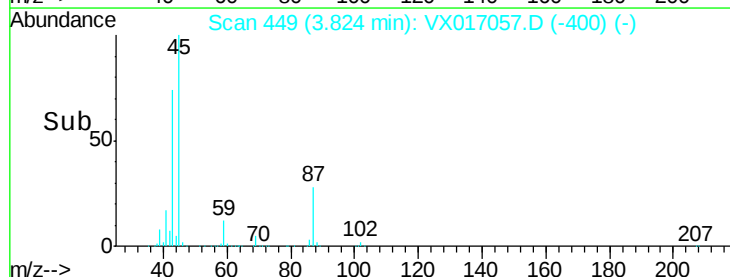
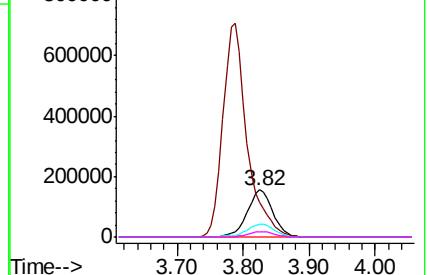


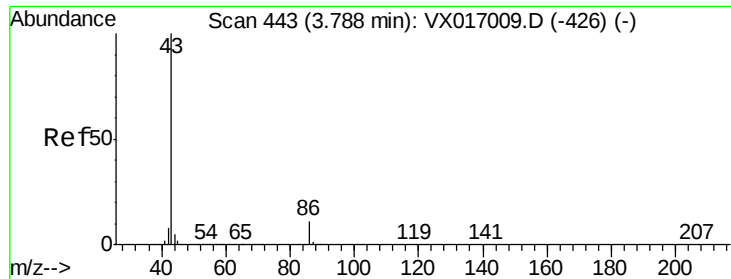
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 241.221 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

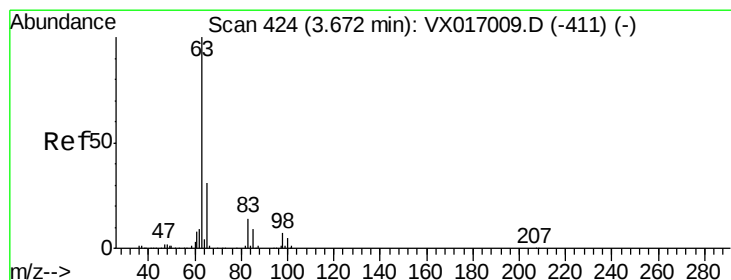
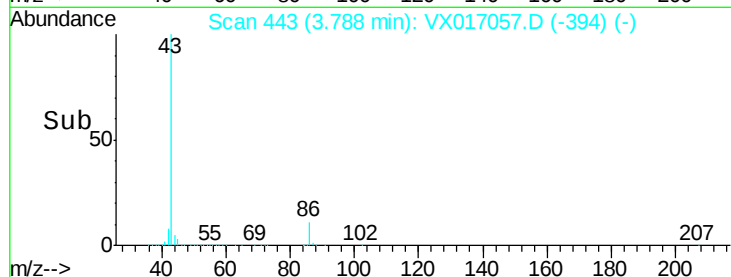
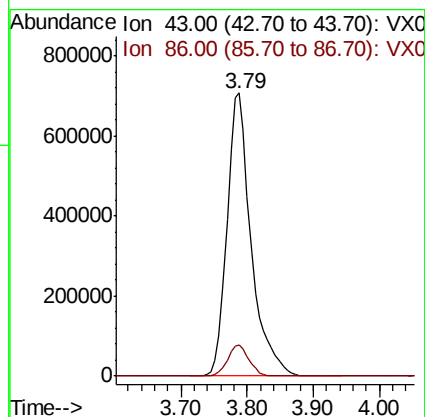
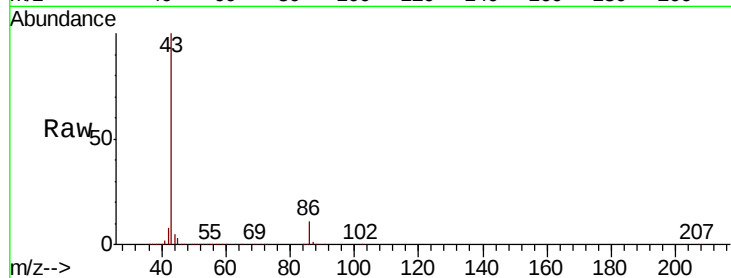
61BR-20200624MSD

Tot Ion: 43 Resp: 1786436

Ion Ratio Lower Upper

43 100

86 11.1 8.6 13.0



#24

1,1-Dichloroethane

Concen: 48.150 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

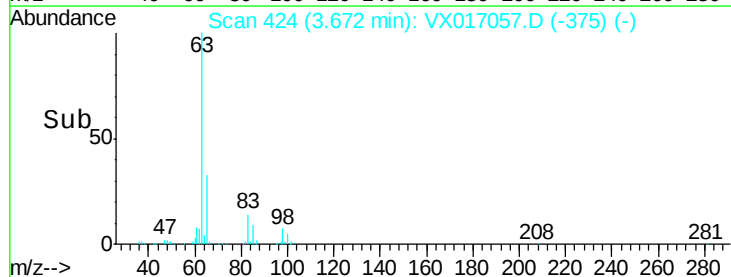
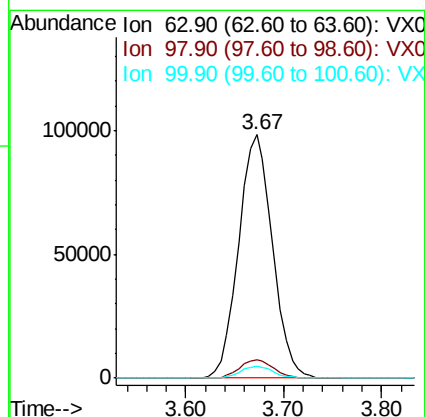
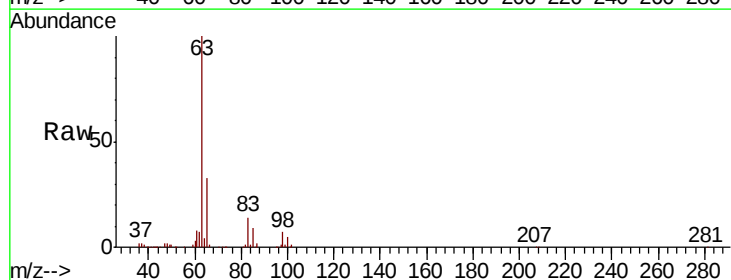
Tgt Ion: 63 Resp: 236119

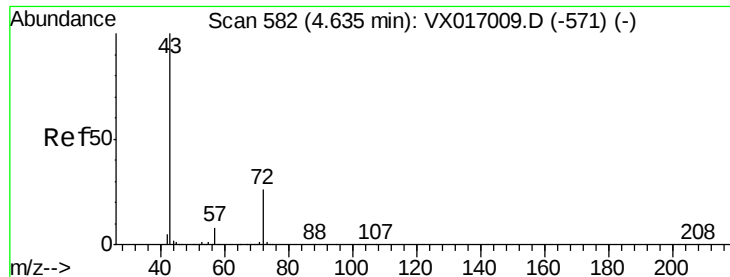
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.8 2.4 7.1

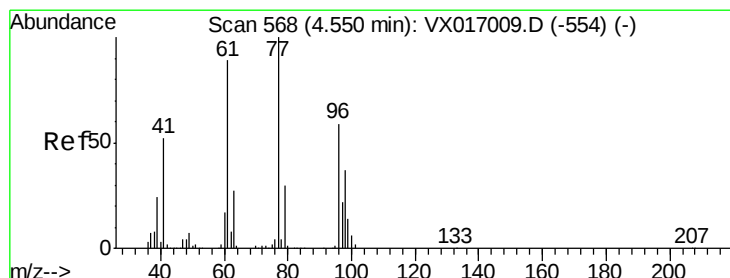
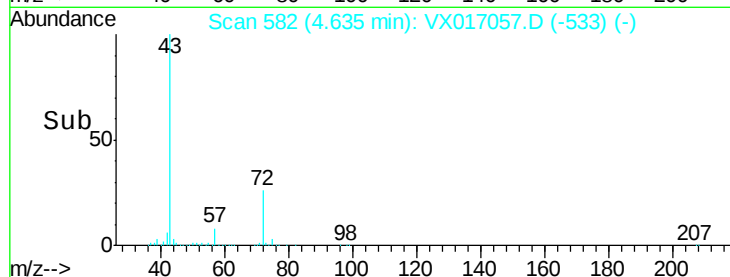
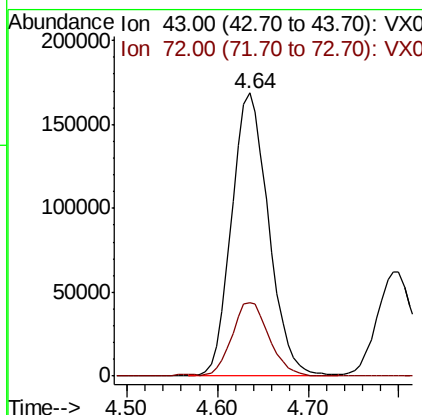
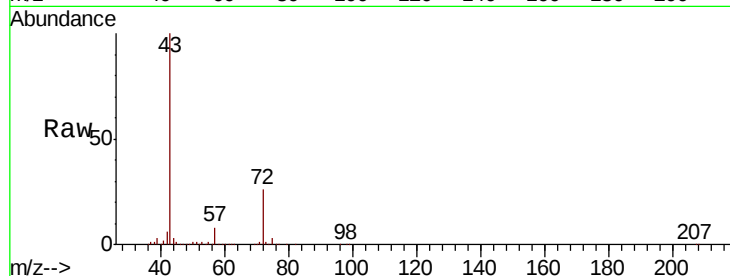




#25
2-Butanone
Concen: 243.009 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

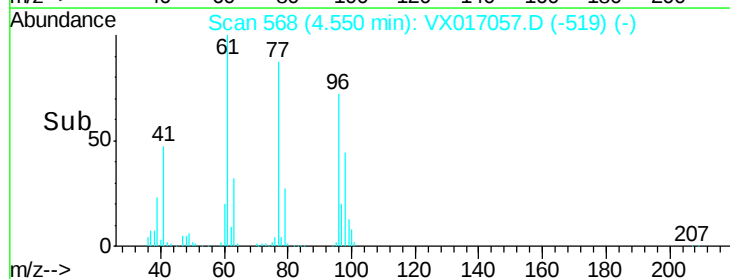
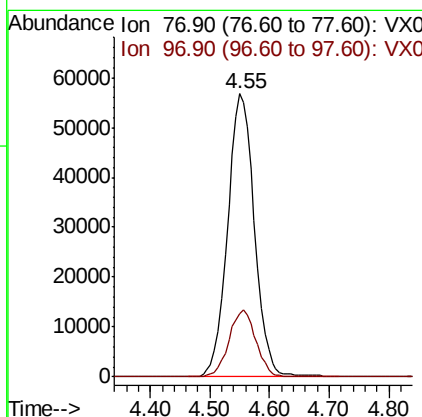
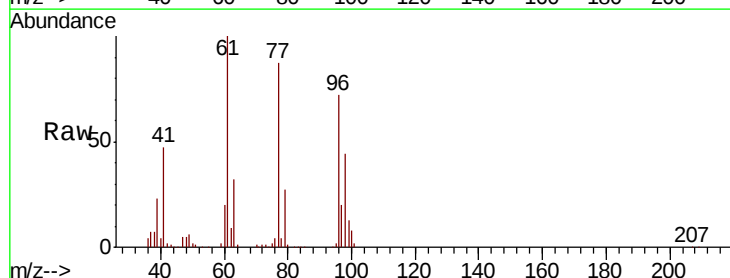
Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

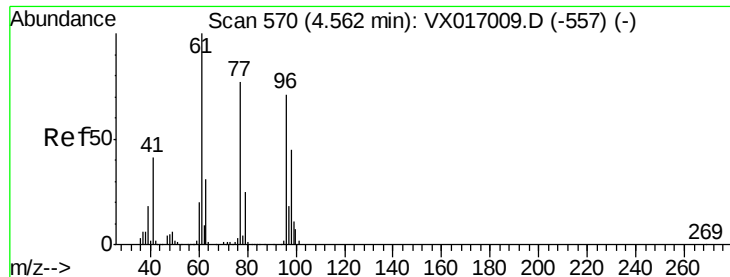
Tot Ion: 43 Resp: 475571
Ion Ratio Lower Upper
43 100
72 25.8 20.8 31.2



#26
2,2-Dichloropropane
Concen: 40.738 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion: 77 Resp: 177377
Ion Ratio Lower Upper
77 100
97 23.9 11.4 34.2



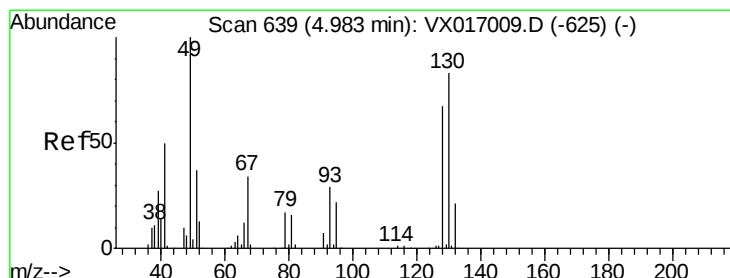
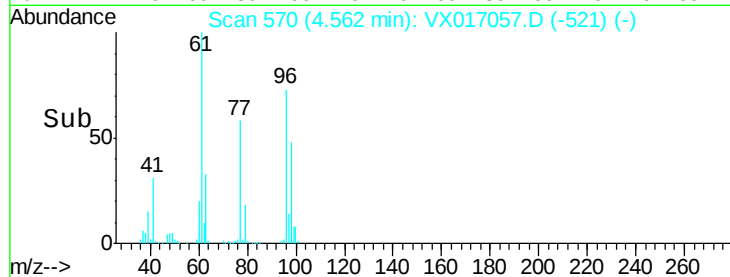
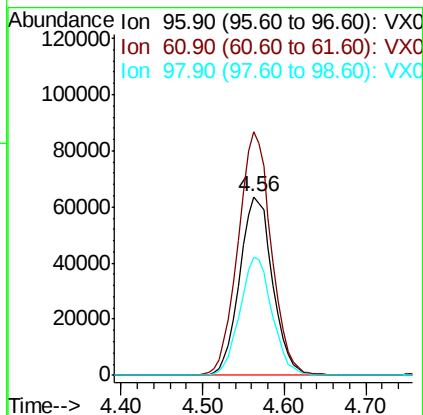
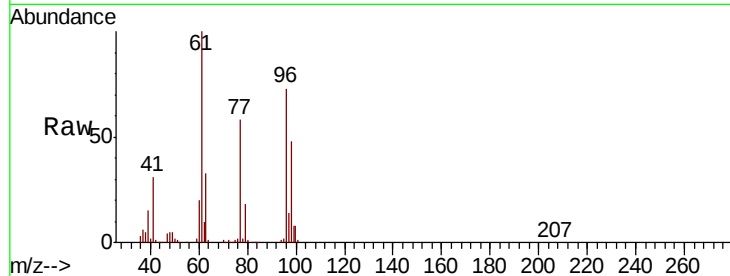


#27

cis-1,2-Dichloroethene
Concen: 56.567 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

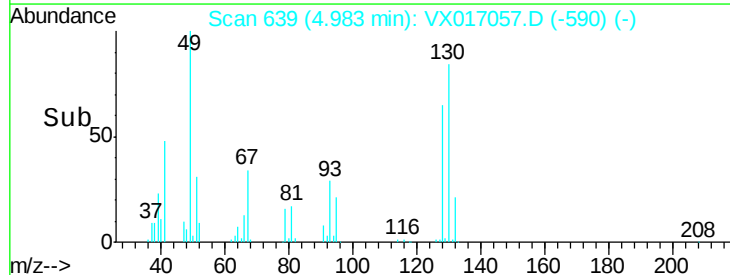
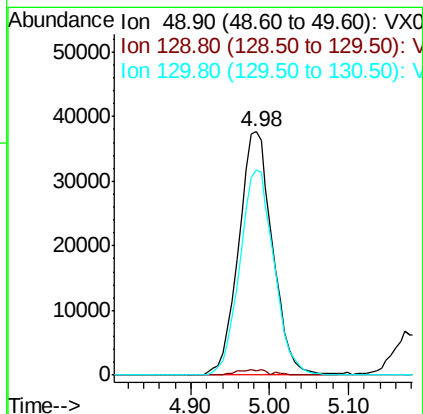
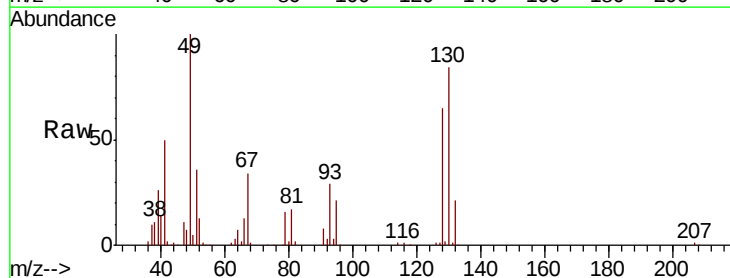
Tot Ion	96	Resp	179215
Ion	Ratio	Lower	Upper
96	100		
61	137.1	0.0	282.8
98	64.3	0.0	127.6

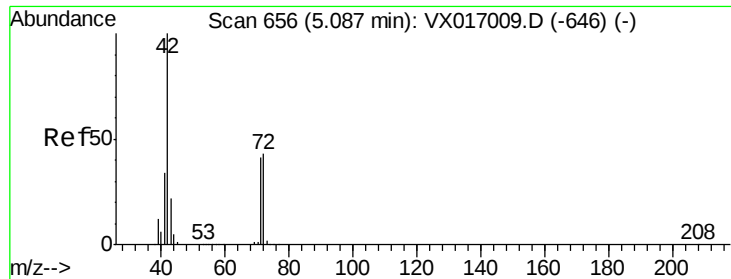


#28

Bromochloromethane
Concen: 47.123 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion	49	Resp	112449
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	85.0	66.6	100.0

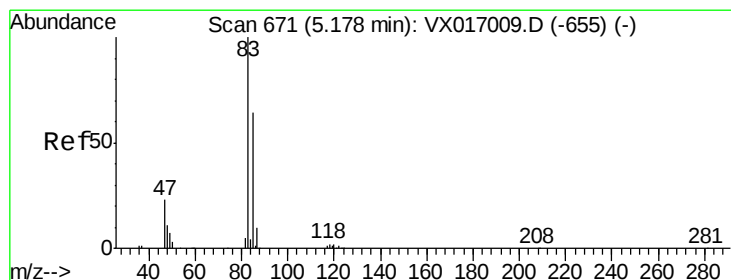
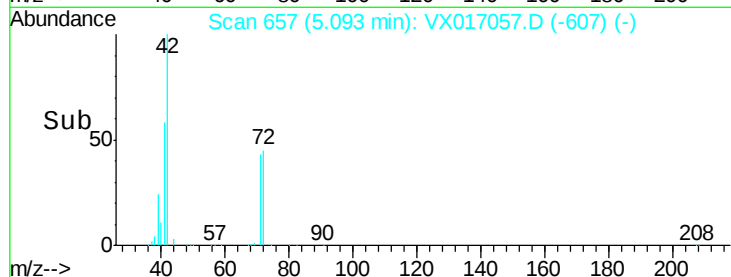
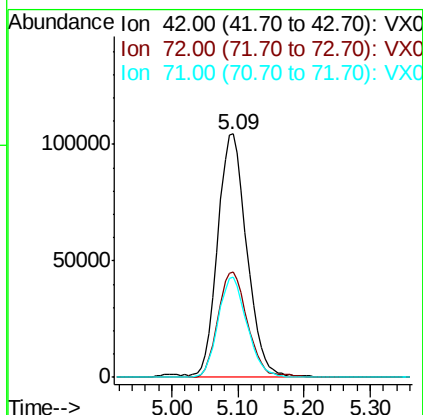
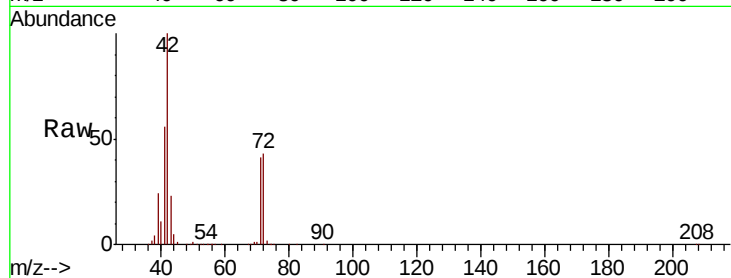




#29
Tetrahydrofuran
Concen: 246.301 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

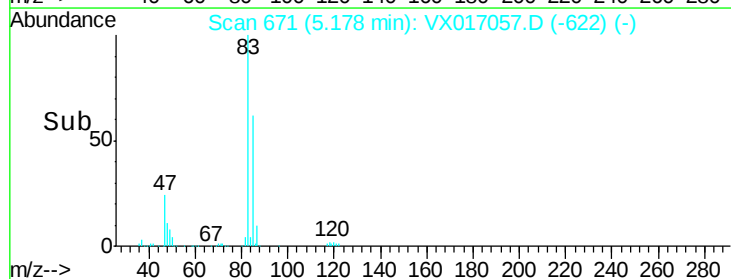
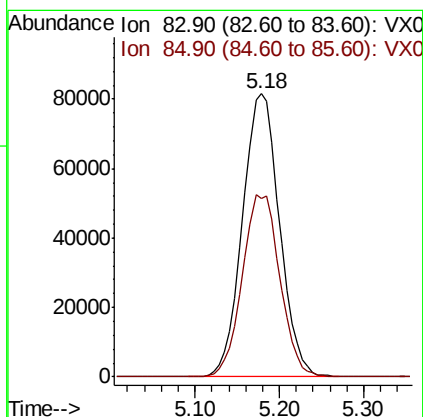
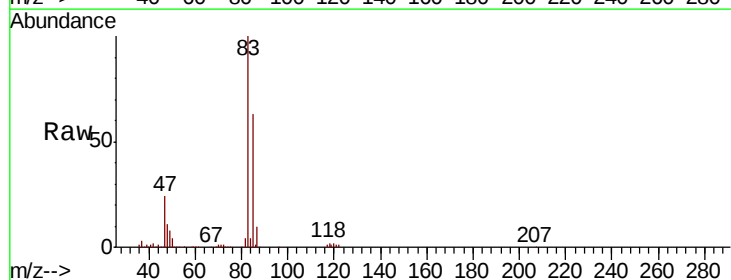
Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

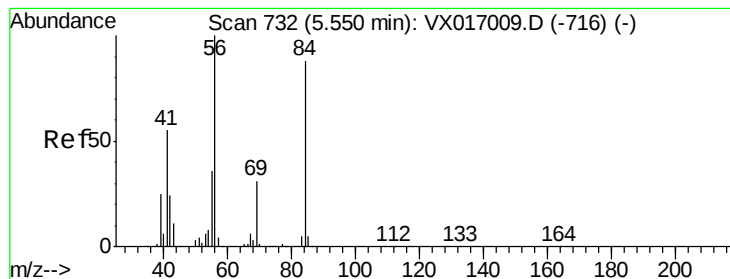
Tot Ion: 42 Resp: 318477
Ion Ratio Lower Upper
42 100
72 44.3 35.3 52.9
71 41.0 33.1 49.7



#30
Chloroform
Concen: 48.397 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion: 83 Resp: 243284
Ion Ratio Lower Upper
83 100
85 63.1 51.4 77.2





#31

Cyclohexane

Concen: 45.464 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

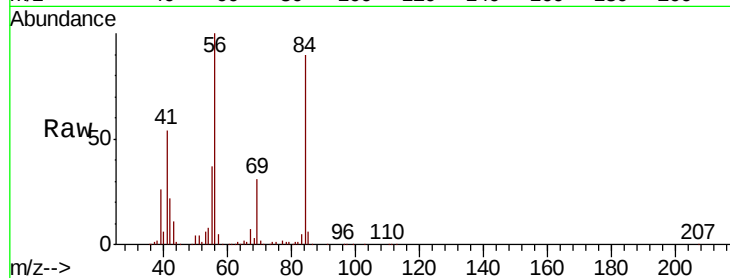
Tot Ion: 56 Resp: 192708

Ion Ratio Lower Upper

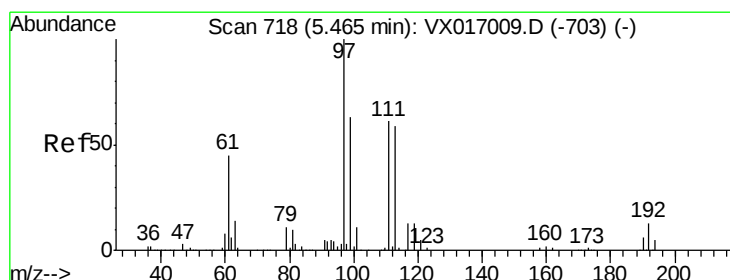
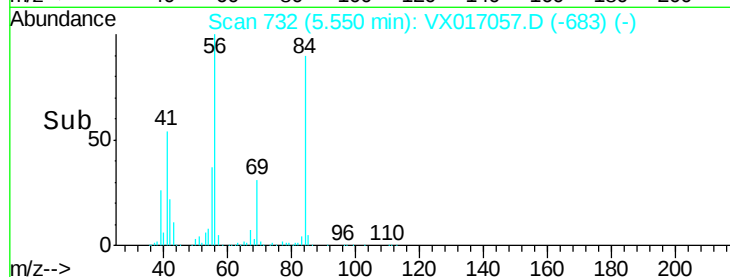
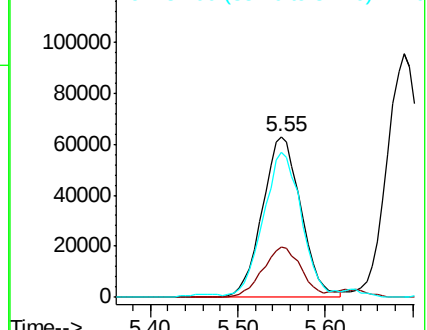
56 100

69 31.0 25.0 37.4

84 88.6 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 47.619 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

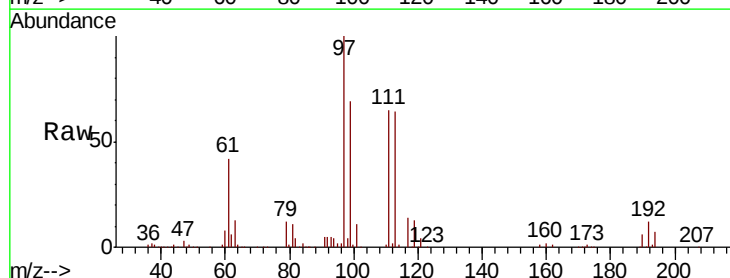
Tgt Ion: 97 Resp: 220452

Ion Ratio Lower Upper

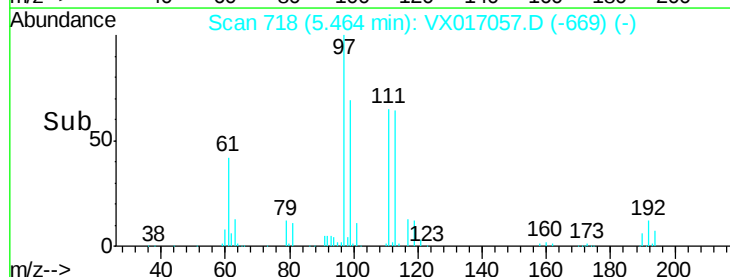
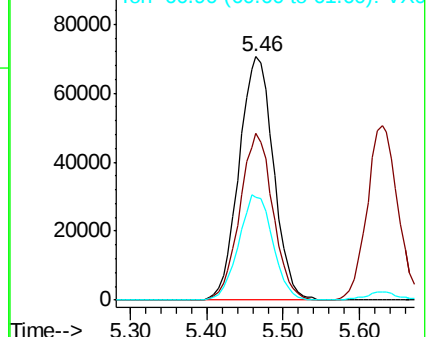
97 100

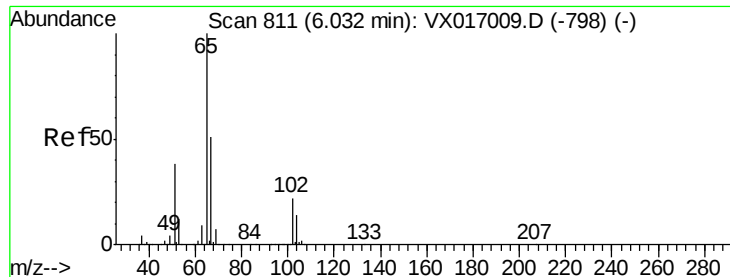
99 65.7 50.8 76.2

61 42.9 33.7 50.5



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.589 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

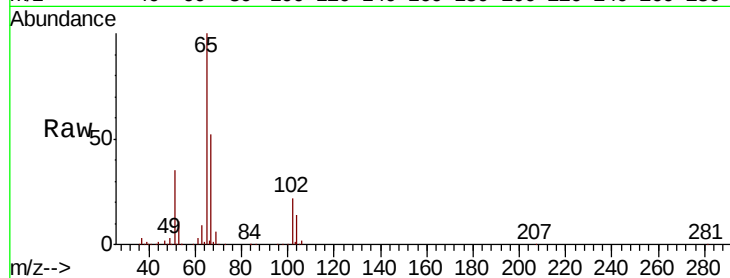
61BR-20200624MSD

Tot Ion: 65 Resp: 158829

Ion Ratio Lower Upper

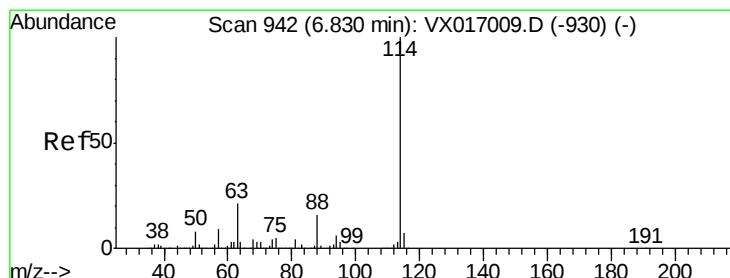
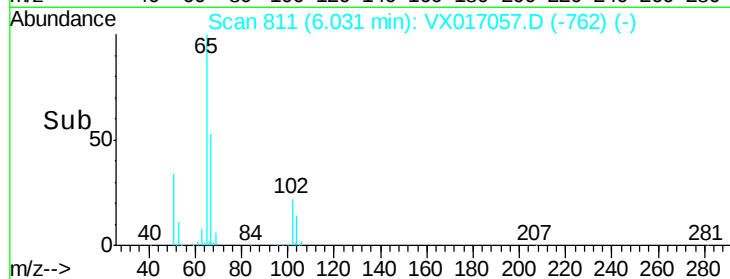
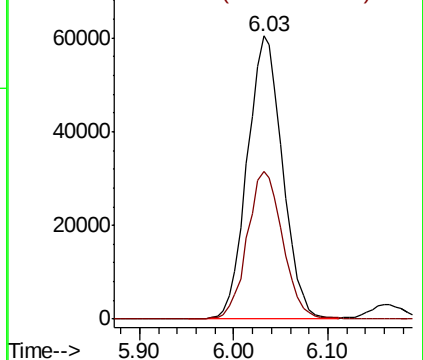
65 100

67 52.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

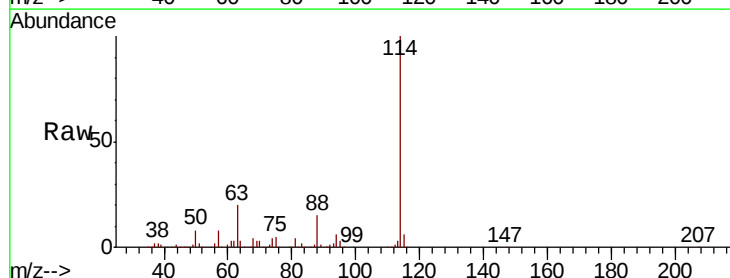
Tgt Ion: 114 Resp: 404534

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

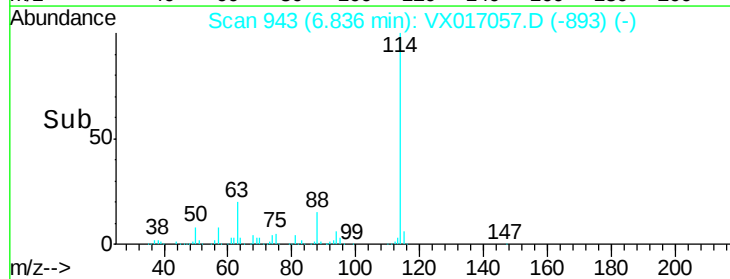
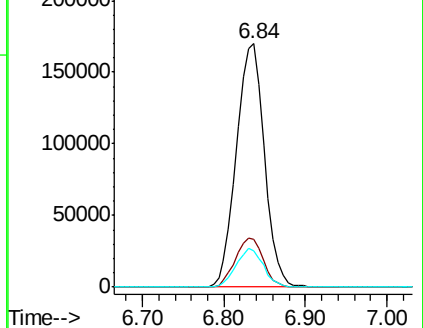
88 15.0 0.0 32.4

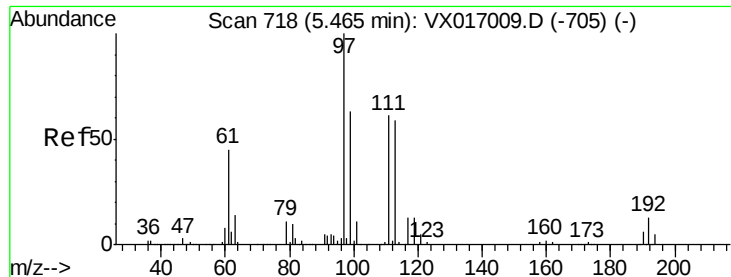


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

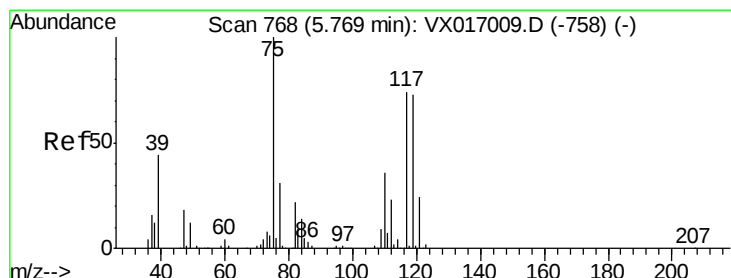
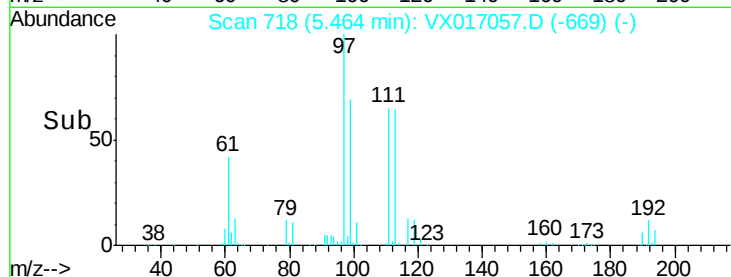
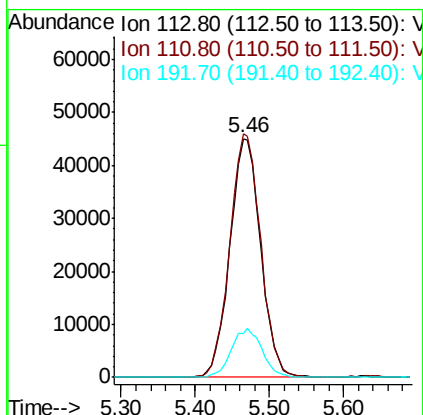
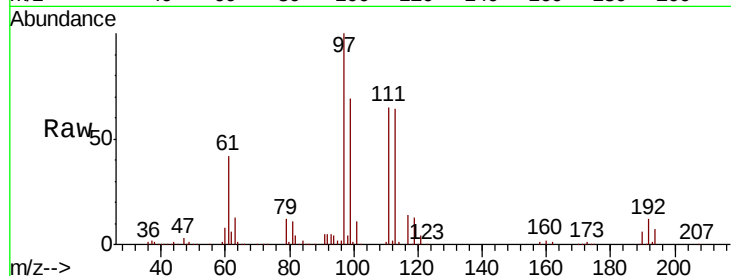




#35
 Dibromofluoromethane
 Concen: 50.873 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

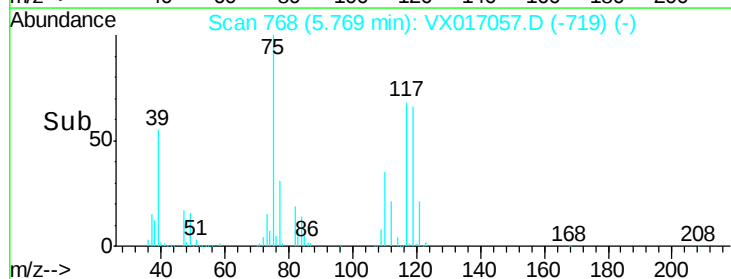
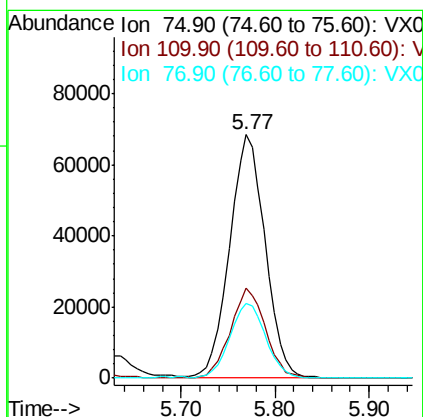
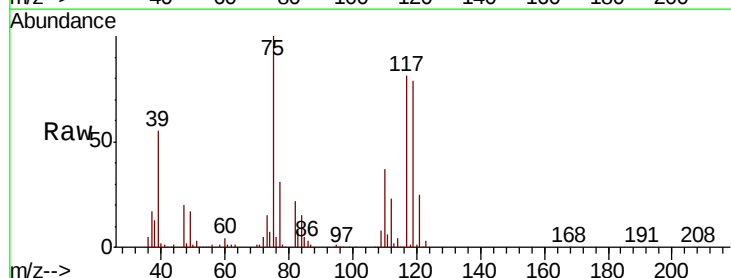
Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

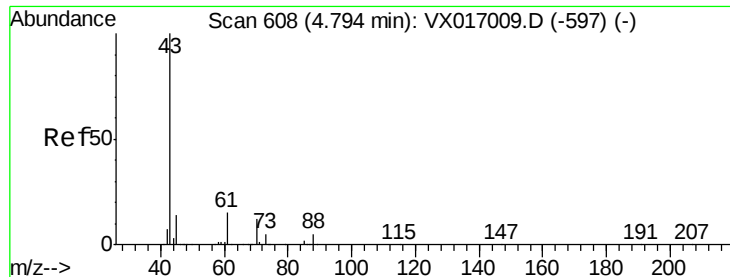
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	20.5	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 46.843 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.1	54.1
77	30.9	24.6	37.0

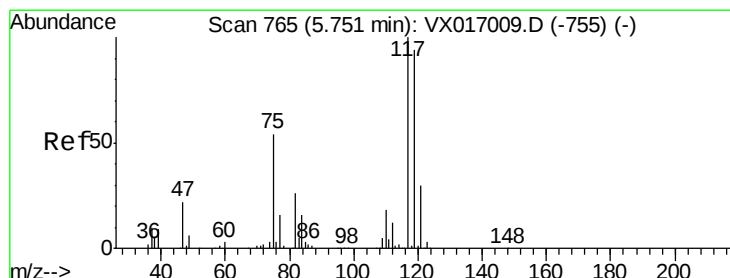
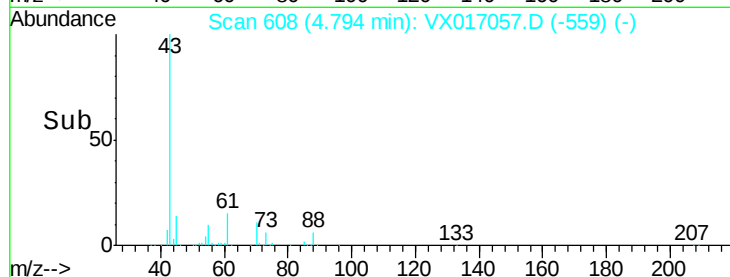
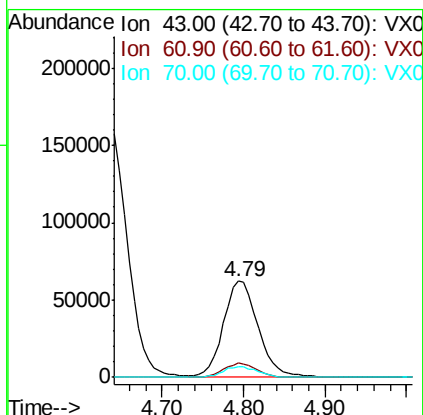
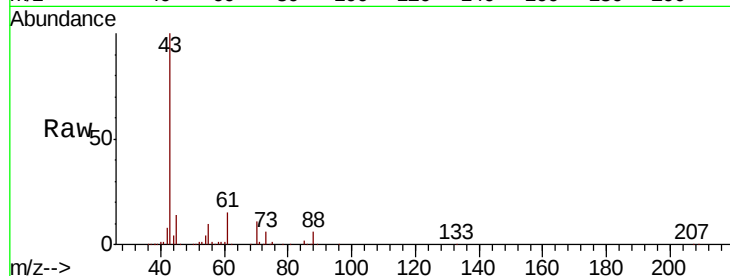




#37
Ethyl Acetate
Concen: 46.737 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

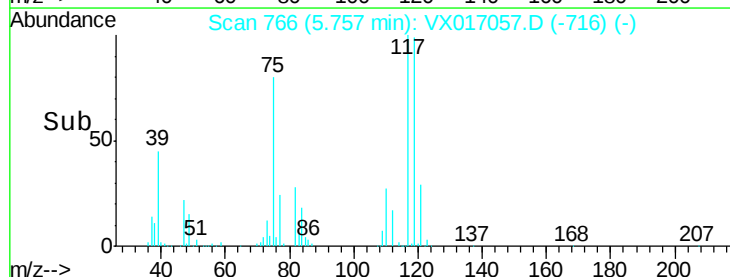
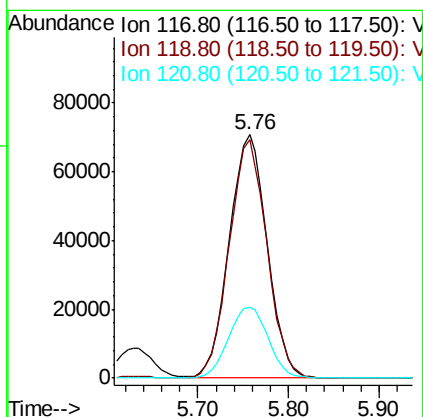
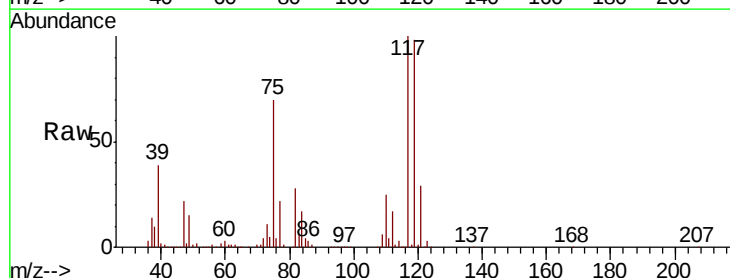
Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

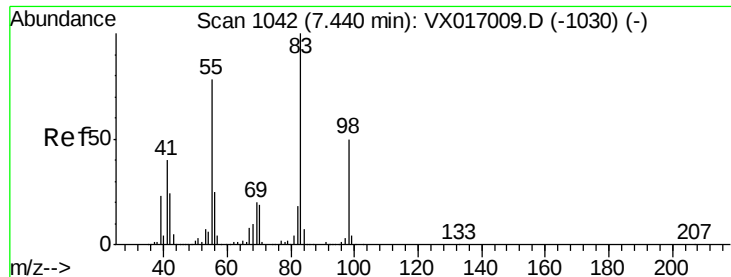
Tot Ion: 43 Resp: 181301
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.4
70 11.5 8.9 13.3



#38
Carbon Tetrachloride
Concen: 48.691 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion: 117 Resp: 205044
Ion Ratio Lower Upper
117 100
119 98.1 75.4 113.0
121 29.3 23.8 35.6

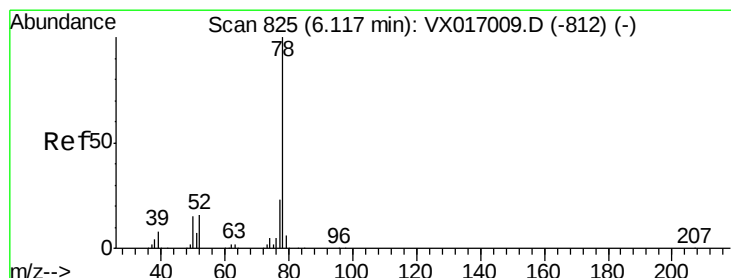
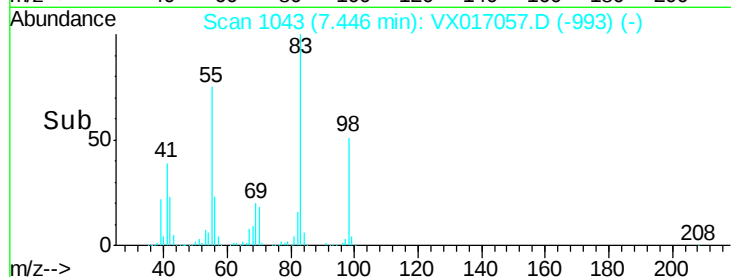
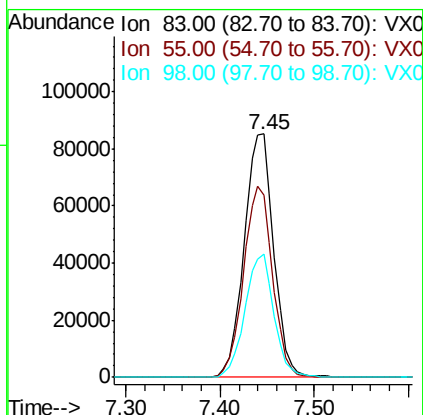
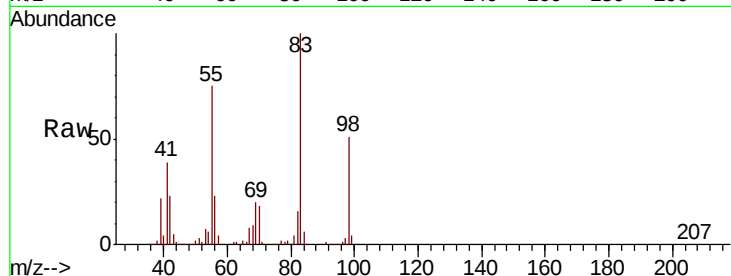




#39
Methvlcvclohexane
Concen: 44.076 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

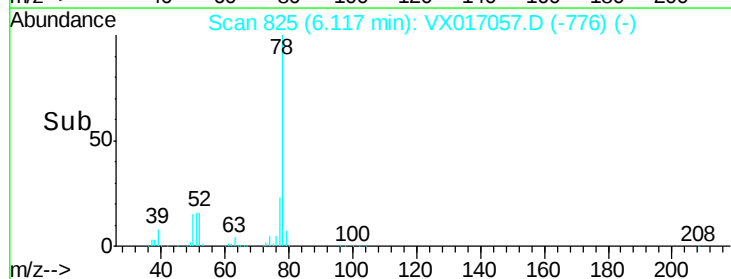
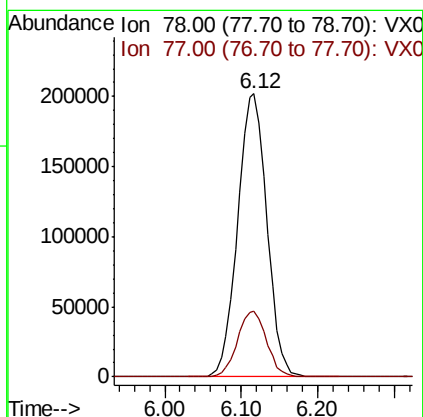
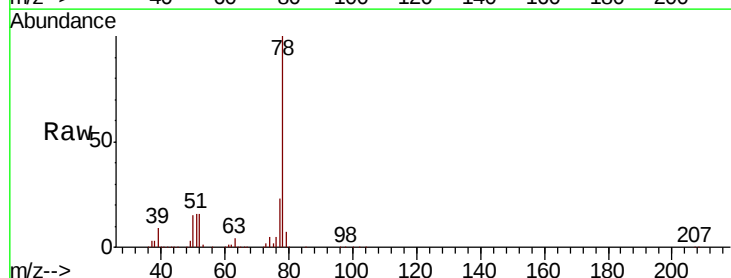
Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

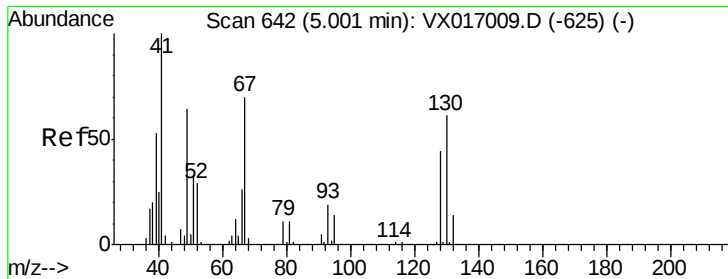
Tot Ion: 83 Resp: 187495
Ion Ratio Lower Upper
83 100
55 74.8 62.5 93.7
98 50.6 40.1 60.1



#40
Benzene
Concen: 47.633 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion: 78 Resp: 535087
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5

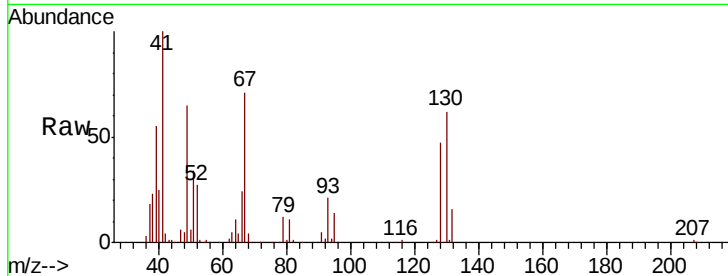




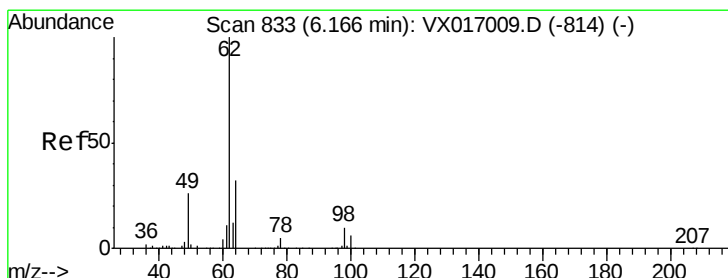
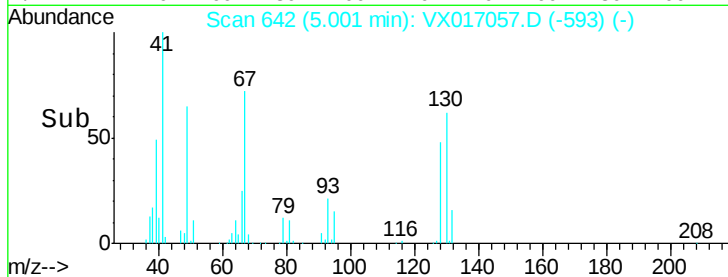
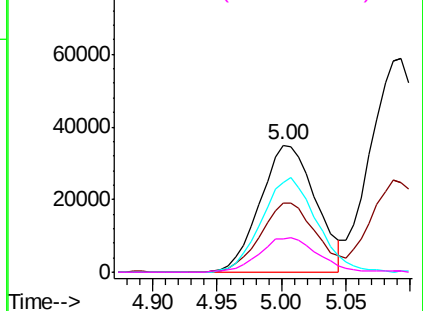
#41
Methacrylonitrile
Concen: 47.881 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

Tot Ion:	41	Resp:	104538
Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.4	66.6
67	74.1	57.1	85.7
52	28.7	23.2	34.8

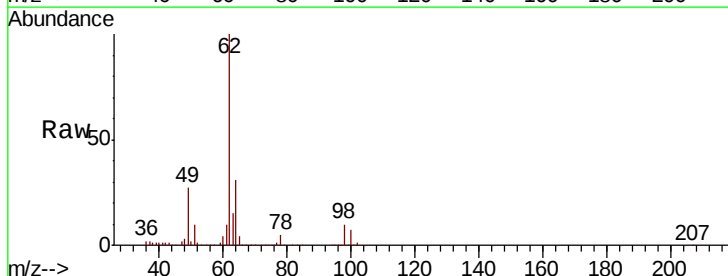


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

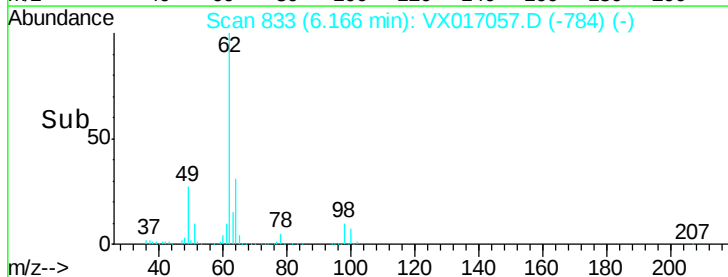
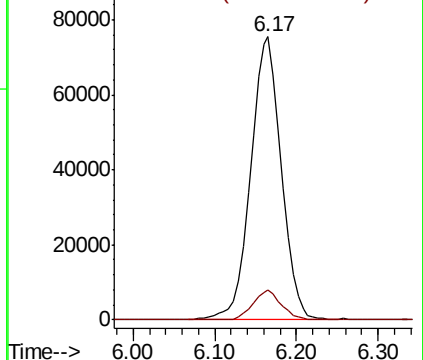


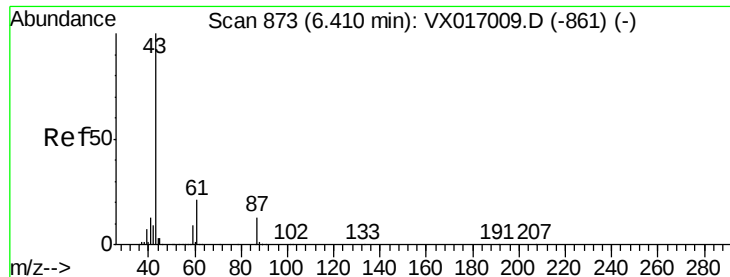
#42
1,2-Dichloroethane
Concen: 48.550 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion:	62	Resp:	197000
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



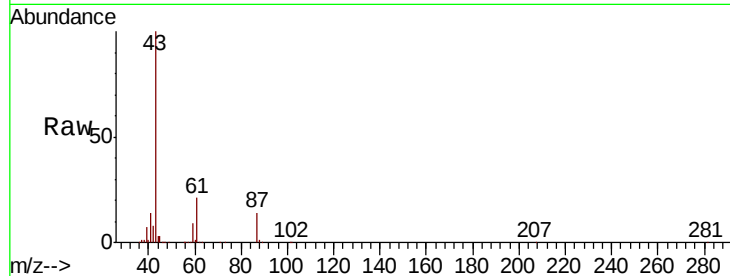


#43

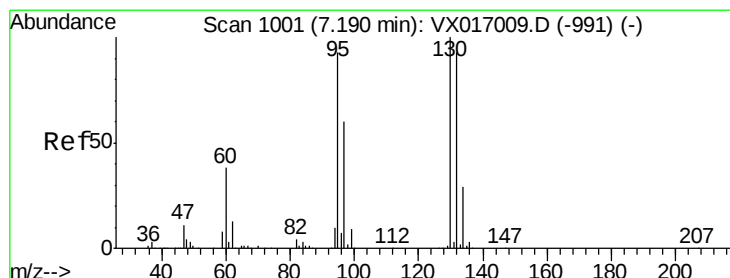
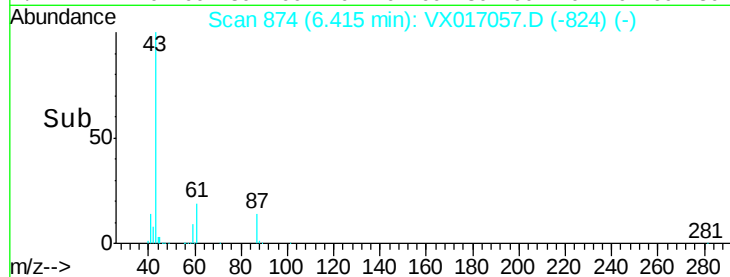
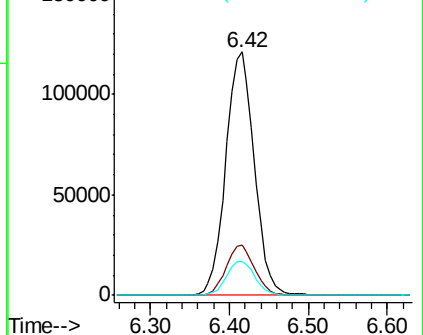
Isopropyl Acetate
 Concen: 47.111 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

Tot Ion: 43 Resp: 303684
 Ion Ratio Lower Upper
 43 100
 61 20.7 16.2 24.2
 87 14.1 10.7 16.1



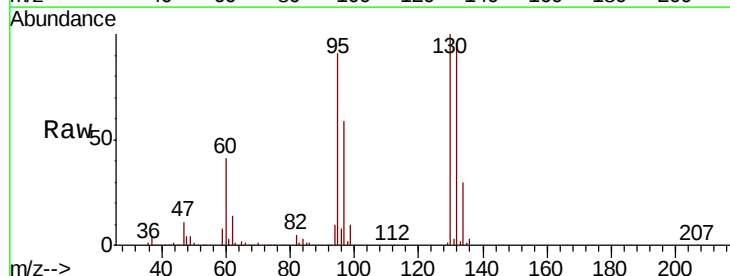
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



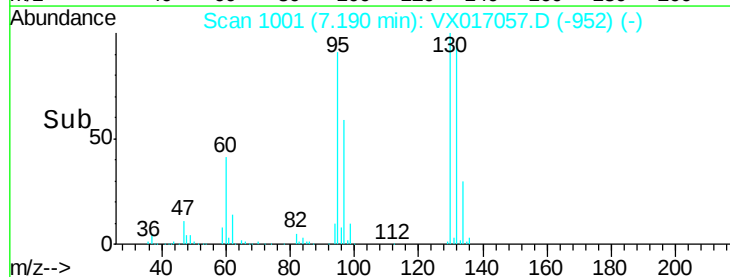
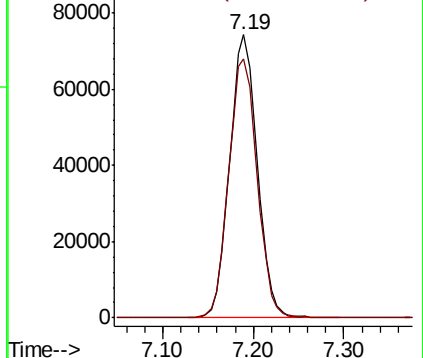
#44

Trichloroethene
 Concen: 50.846 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Tgt Ion: 130 Resp: 157602
 Ion Ratio Lower Upper
 130 100
 95 91.4 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: 48.458 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

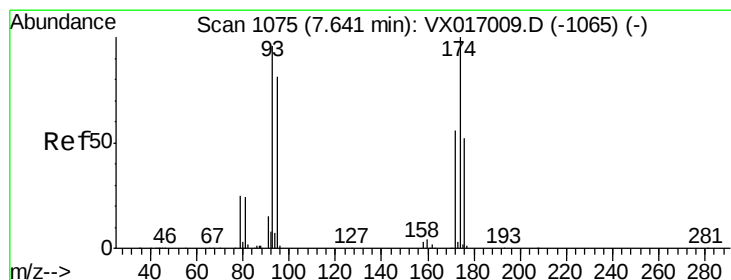
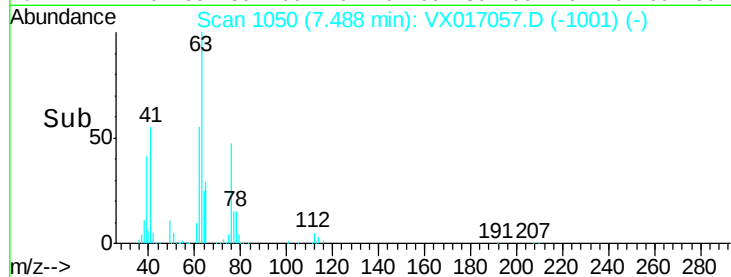
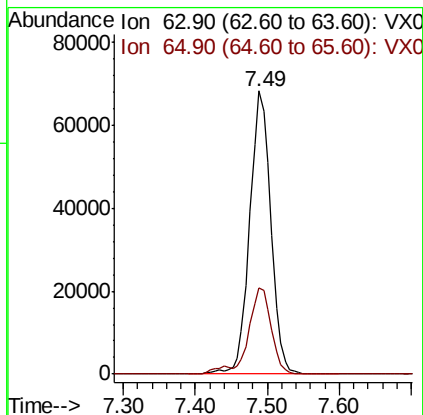
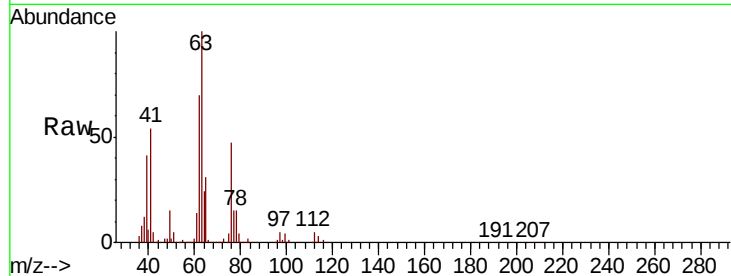
61BR-20200624MSD

Tot Ion: 63 Resp: 139814

Ion Ratio Lower Upper

63 100

65 30.6 24.6 36.8



#46

Dibromomethane

Concen: 49.497 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

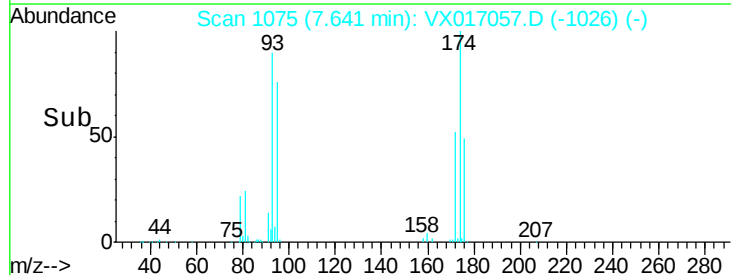
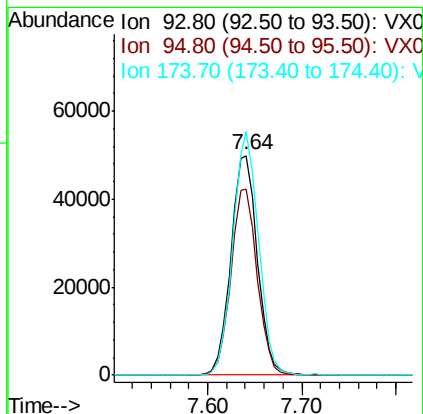
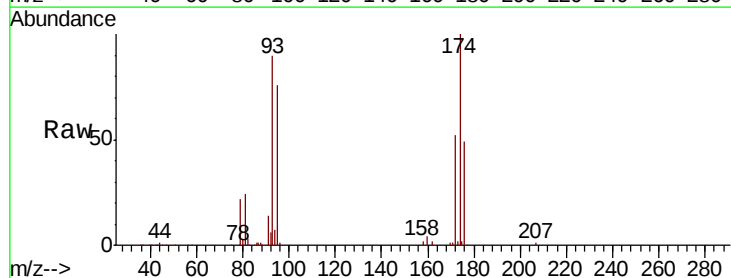
Tgt Ion: 93 Resp: 97500

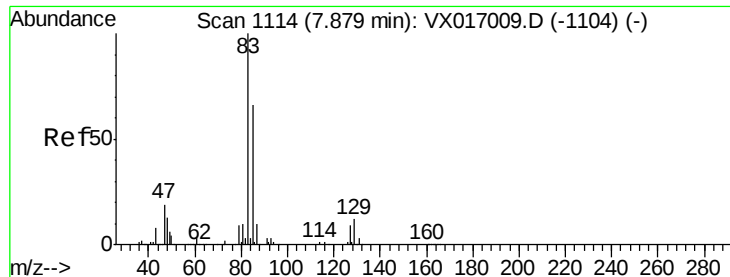
Ion Ratio Lower Upper

93 100

95 84.1 67.4 101.0

174 107.2 84.3 126.5





#47

Bromodichloromethane

Concen: 49.654 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

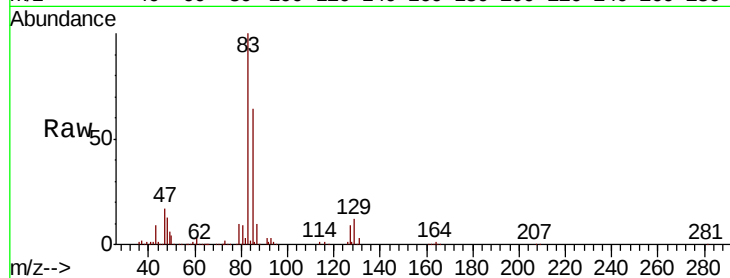
Tot Ion: 83 Resp: 201568

Ion Ratio Lower Upper

83 100

85 64.1 53.0 79.4

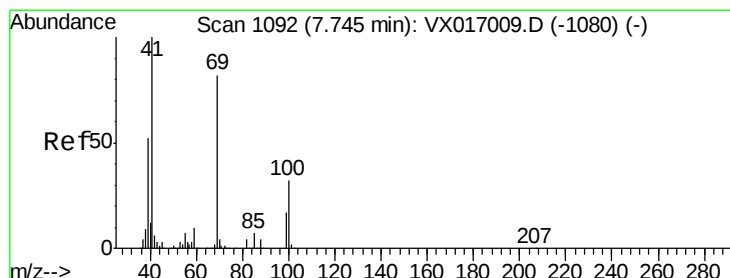
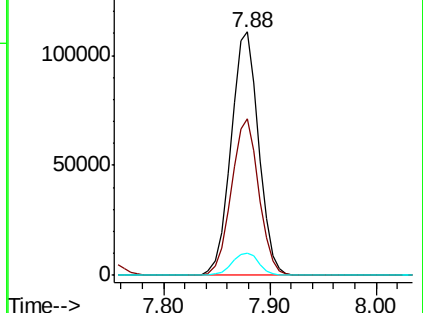
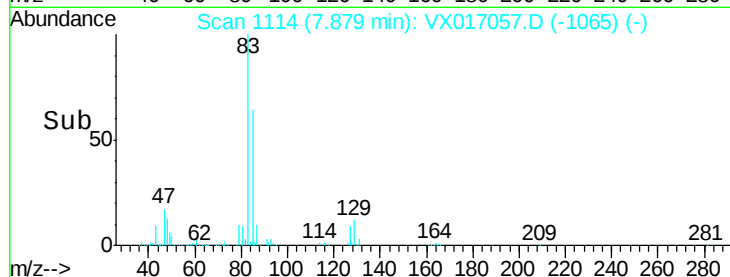
127 9.3 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX017057.D (-1065) (-)

Ion 84.90 (84.60 to 85.60): VX017057.D (-1065) (-)

Ion 126.80 (126.50 to 127.50): VX017057.D (-1065) (-)



#48

Methyl methacrylate

Concen: 50.737 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

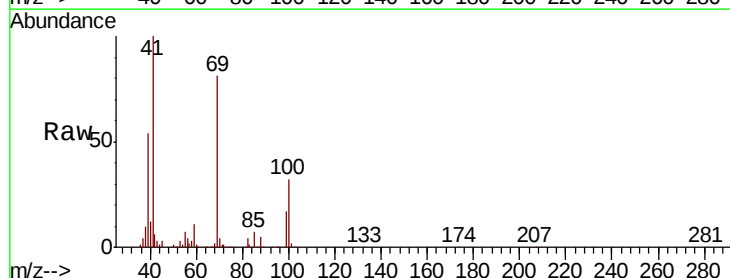
Tgt Ion: 41 Resp: 155381

Ion Ratio Lower Upper

41 100

69 83.2 65.8 98.8

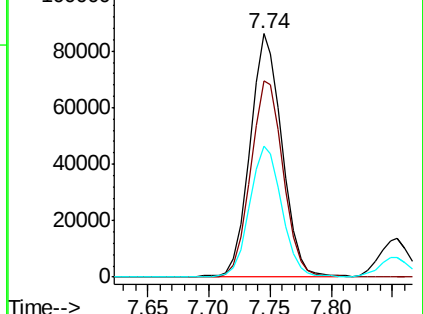
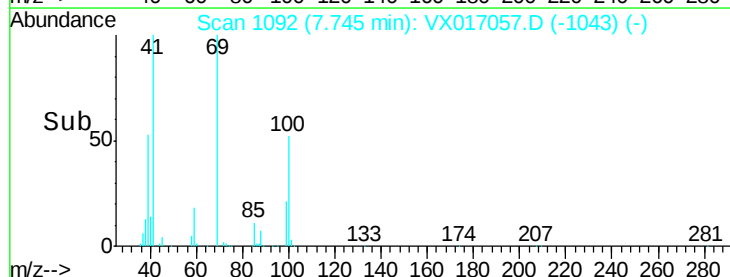
39 54.5 42.5 63.7

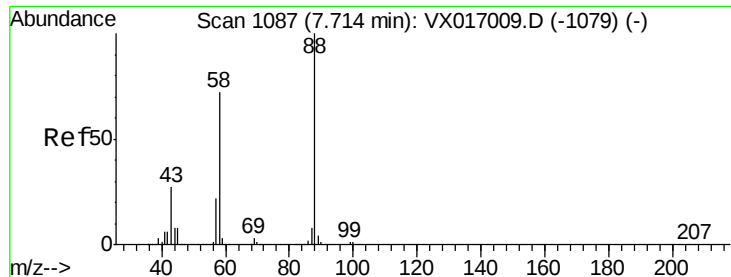


Abundance Ion 41.00 (40.70 to 41.70): VX017057.D (-1043) (-)

Ion 69.00 (68.70 to 69.70): VX017057.D (-1043) (-)

Ion 39.00 (38.70 to 39.70): VX017057.D (-1043) (-)

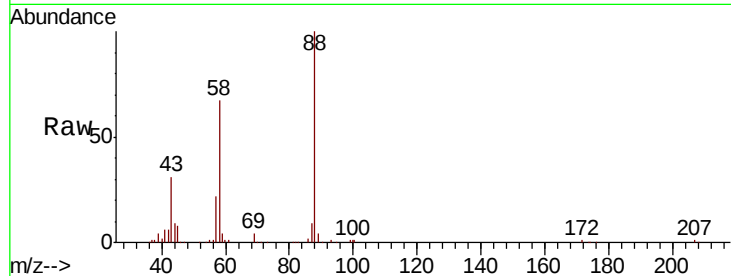




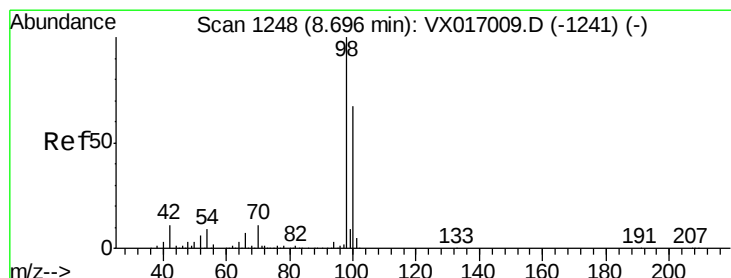
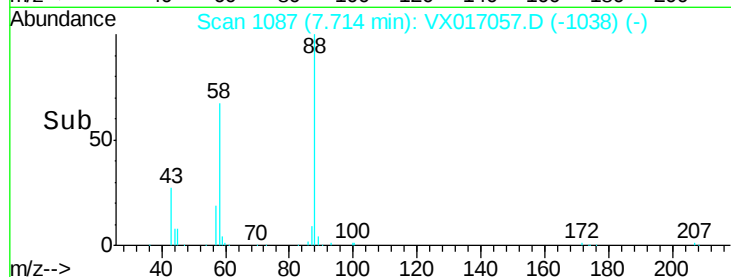
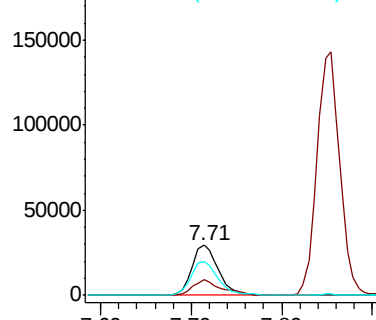
#49
1,4-Dioxane
Concen: 858.702 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

Tot Ion	88	Resp	59577
Ion	Ratio	Lower	Upper
88	100		
43	33.3	25.8	38.8
58	69.8	54.8	82.2

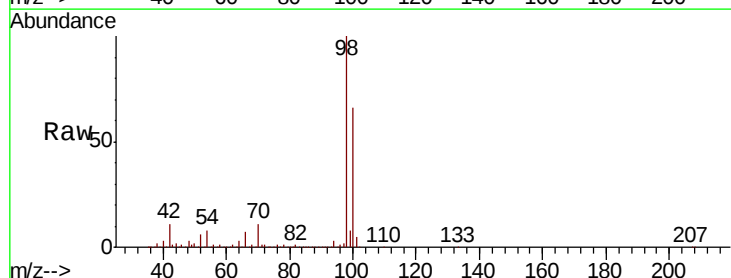


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

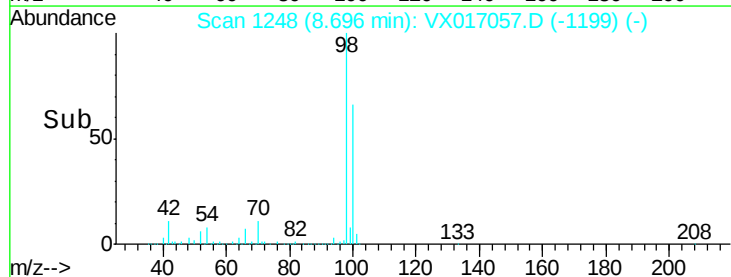
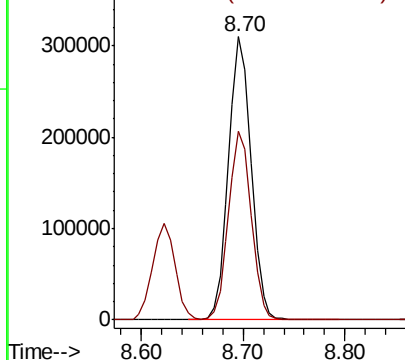


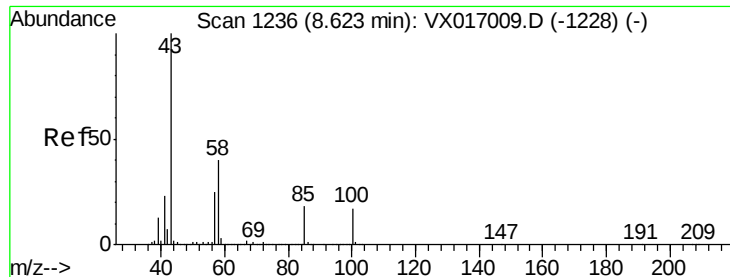
#50
Toluene-d8
Concen: 50.095 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion	98	Resp	474020
Ion	Ratio	Lower	Upper
98	100		
100	66.9	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: 247.338 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

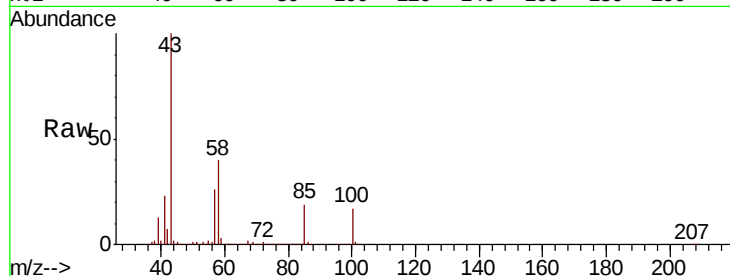
61BR-20200624MSD

Tot Ion: 43 Resp: 950399

Ion Ratio Lower Upper

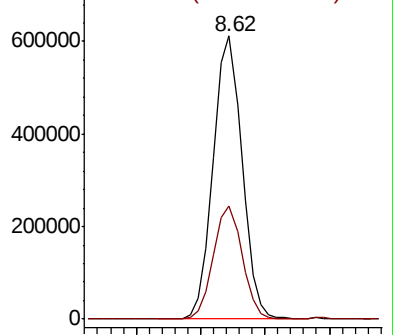
43 100

58 39.9 31.9 47.9

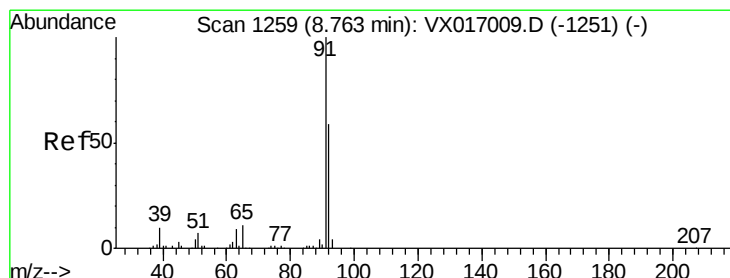
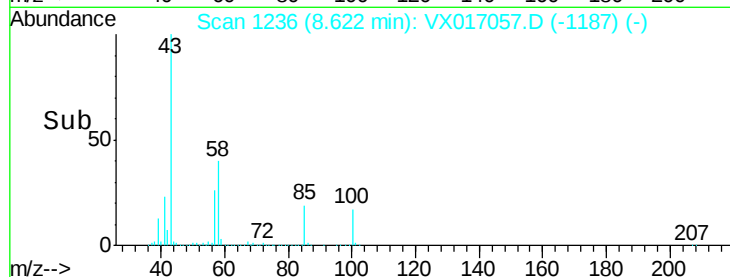


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 48.618 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017057.D

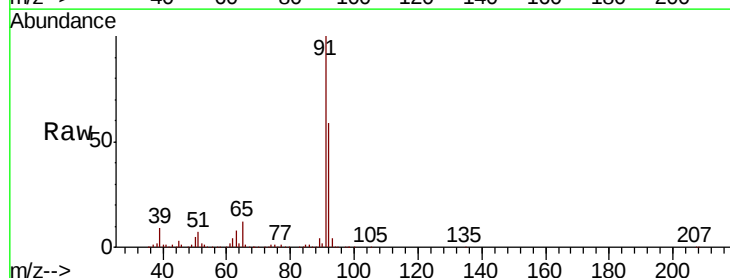
Acq: 30 Jun 2020 19:49

Tgt Ion: 92 Resp: 340986

Ion Ratio Lower Upper

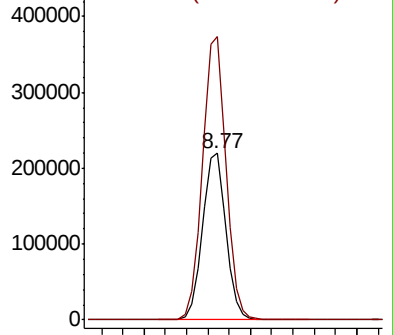
92 100

91 170.3 136.9 205.3

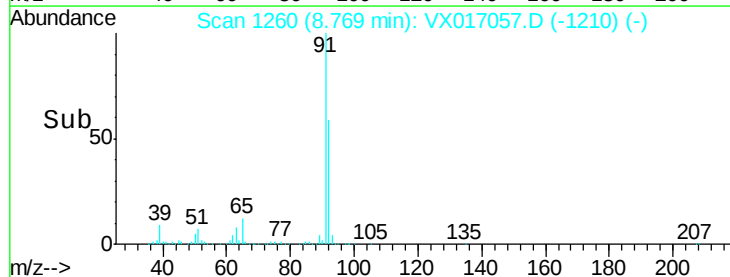


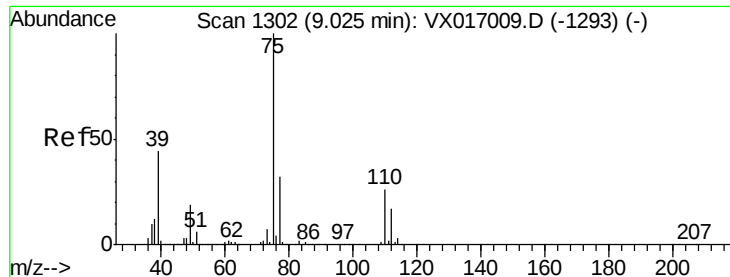
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 48.039 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

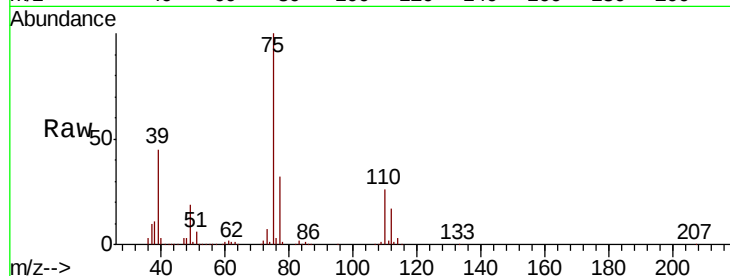
61BR-20200624MSD

Tot Ion: 75 Resp: 215164

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

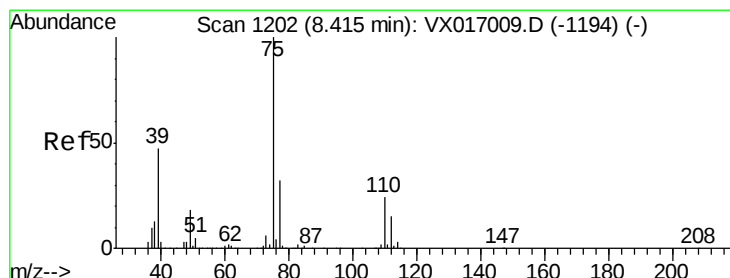
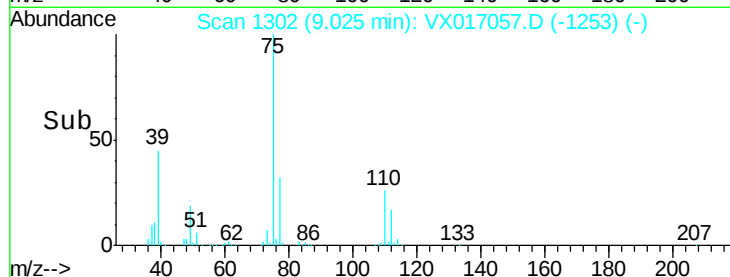
150000

100000

50000

0

Time--> 8.95 9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 46.194 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

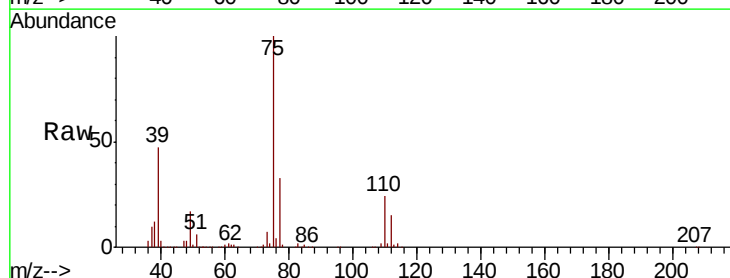
Tgt Ion: 75 Resp: 221797

Ion Ratio Lower Upper

75 100

77 32.8 25.2 37.8

39 46.8 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

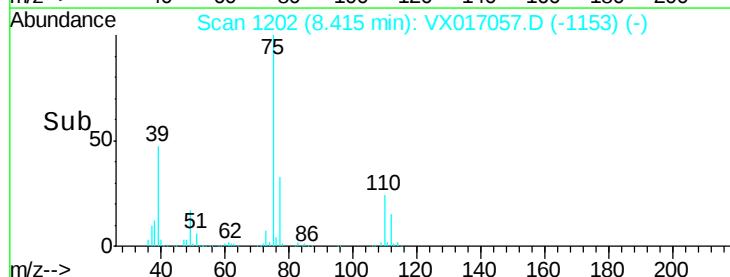
150000

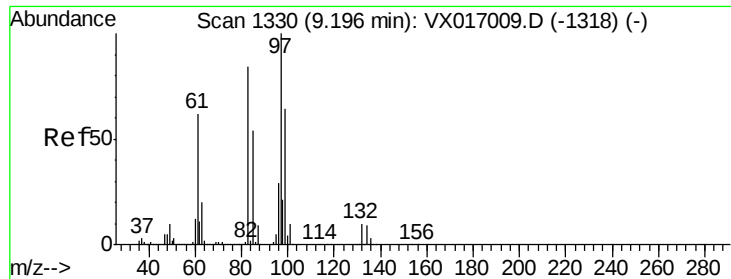
100000

50000

0

Time--> 8.30 8.40 8.50

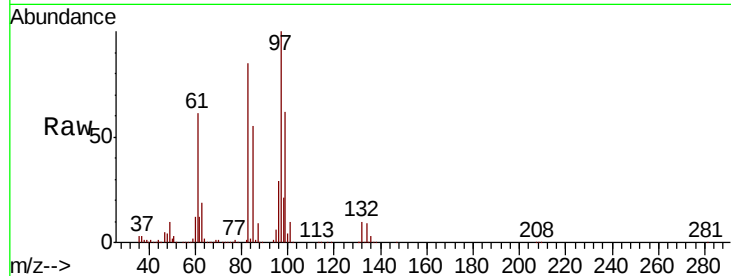




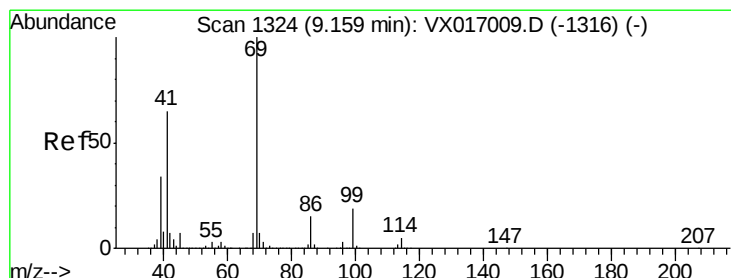
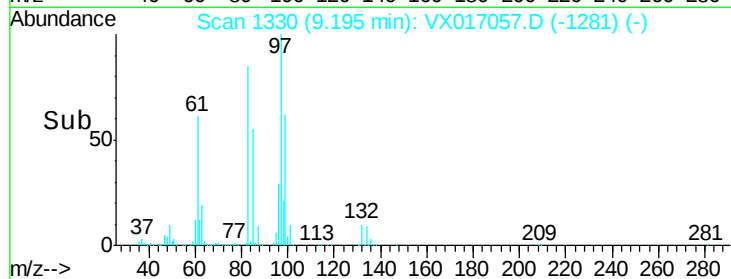
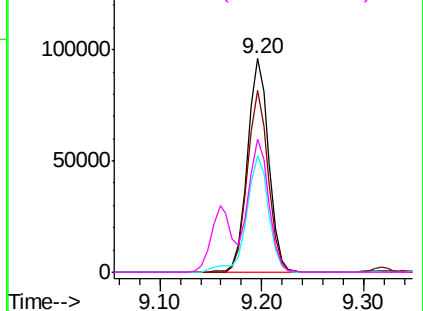
#55
 1,1,2-Trichloroethane
 Concen: 48.799 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

Tot Ion:	97	Resp:	139838
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.0	100.6
85	54.7	43.5	65.3
99	62.4	51.0	76.6

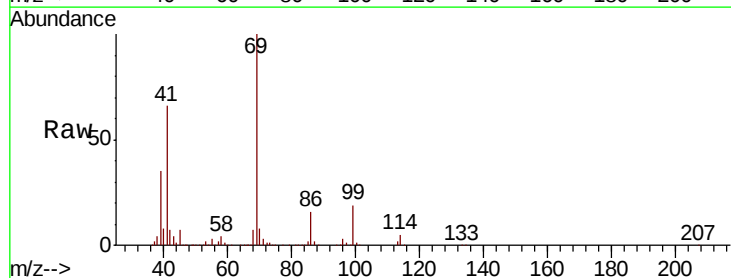


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

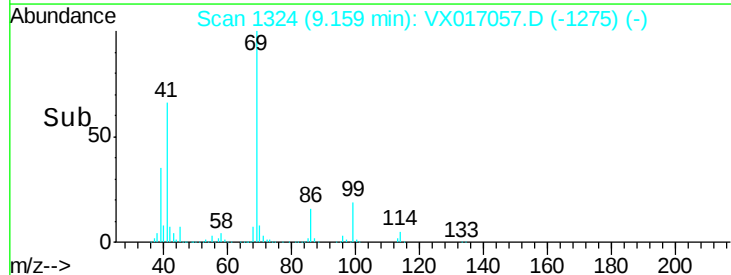
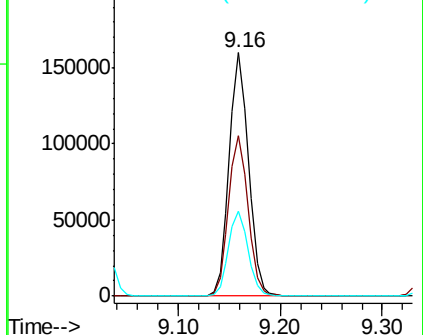


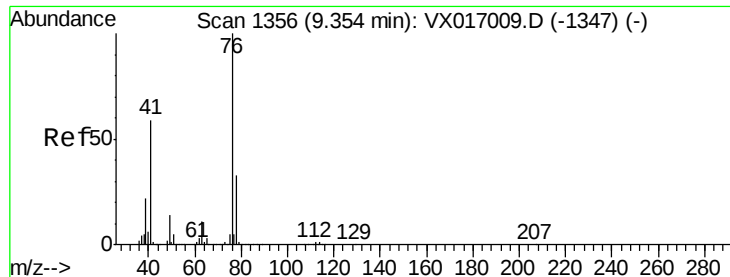
#56
 Ethyl methacrylate
 Concen: 51.378 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Tgt Ion:	69	Resp:	209554
Ion	Ratio	Lower	Upper
69	100		
41	66.8	53.6	80.4
39	35.6	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: 48.117 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

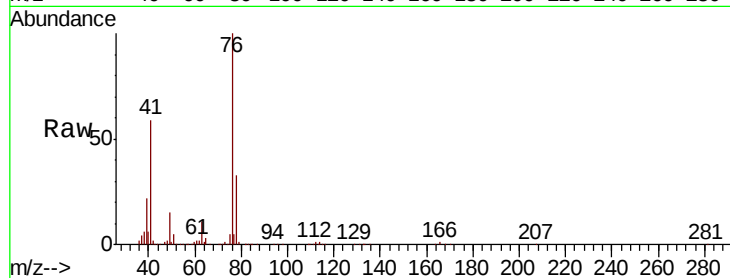
61BR-20200624MSD

Tot Ion: 76 Resp: 233311

Ion Ratio Lower Upper

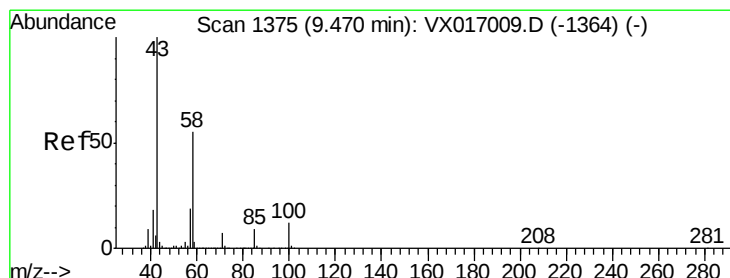
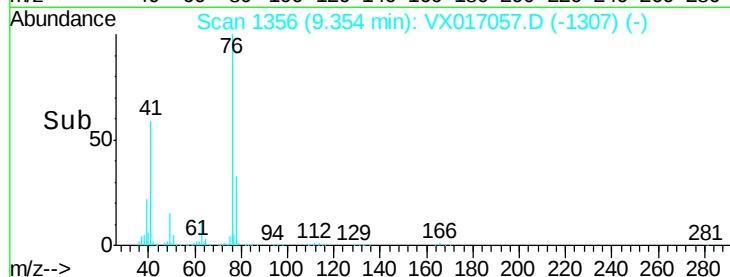
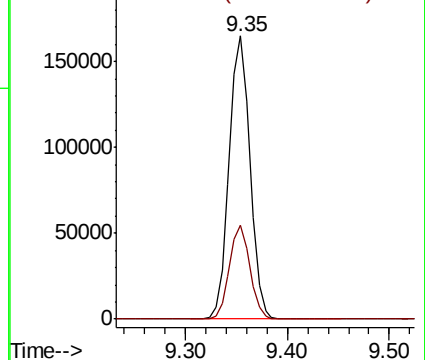
76 100

78 32.5 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 258.436 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. -0.00 min

Lab File: VX017057.D

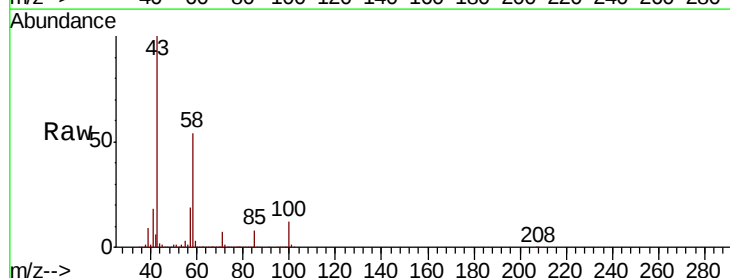
Acq: 30 Jun 2020 19:49

Tgt Ion: 43 Resp: 725252

Ion Ratio Lower Upper

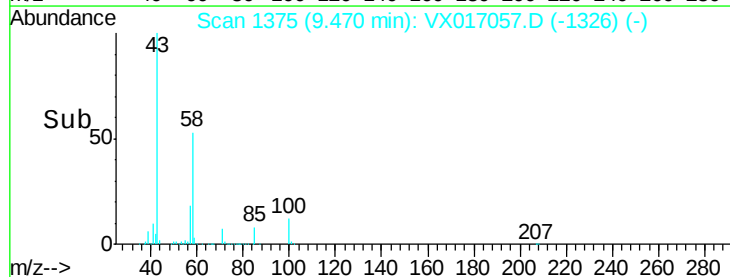
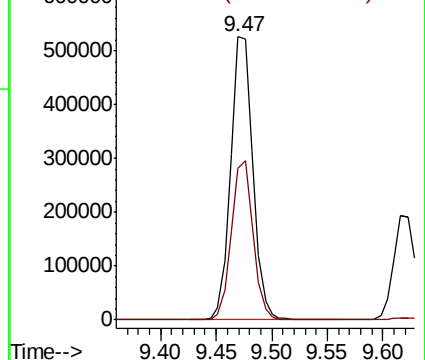
43 100

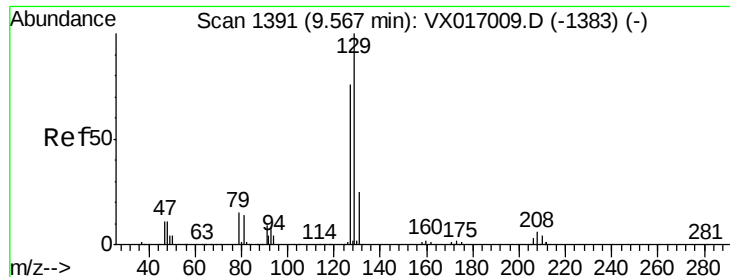
58 55.1 27.9 83.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

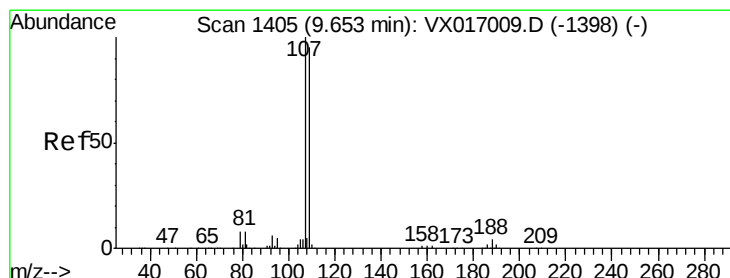
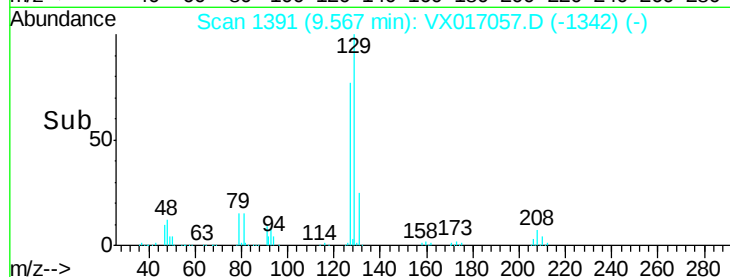
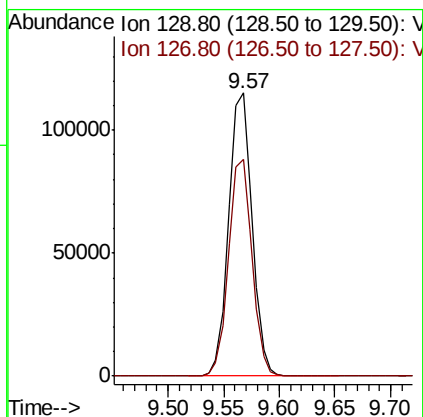
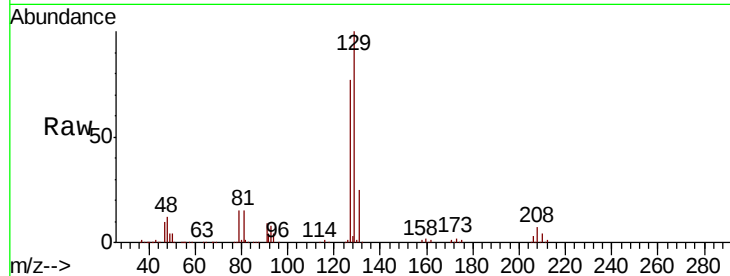




#60
 Dibromochloromethane
 Concen: 50.404 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

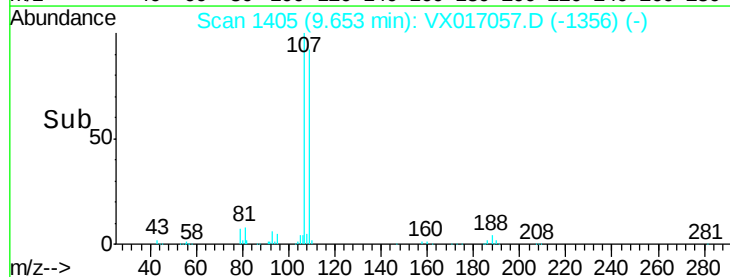
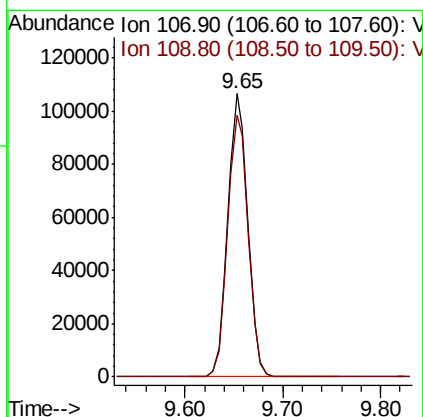
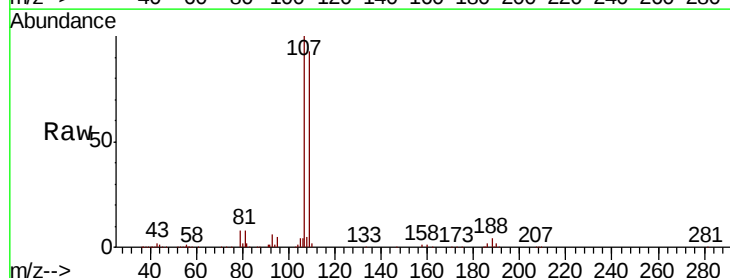
Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

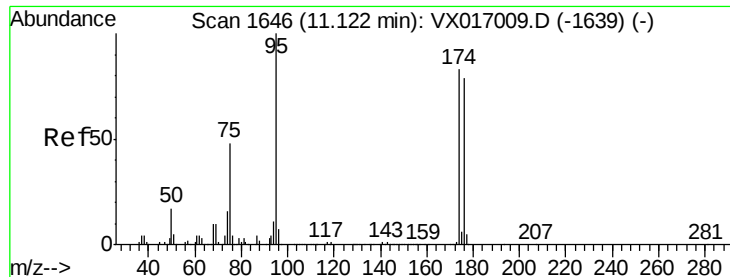
Tot Ion:129 Resp: 167758
 Ion Ratio Lower Upper
 129 100
 127 77.0 38.9 116.7



#61
 1,2-Dibromoethane
 Concen: 49.023 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Tgt Ion:107 Resp: 151001
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.8 113.8





#62

4-Bromofluorobenzene

Concen: 50.915 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

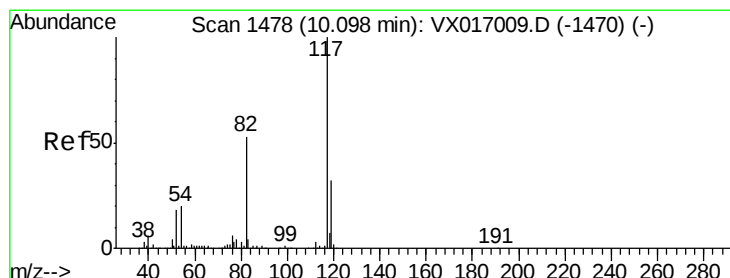
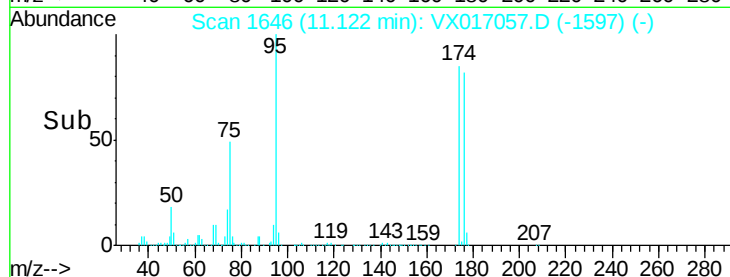
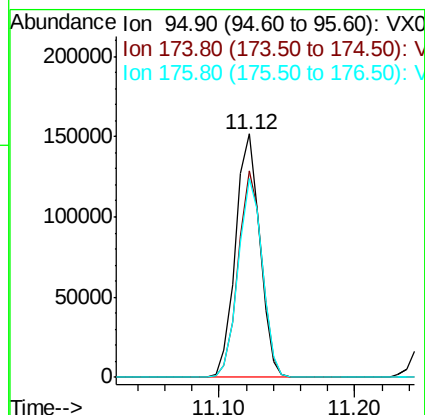
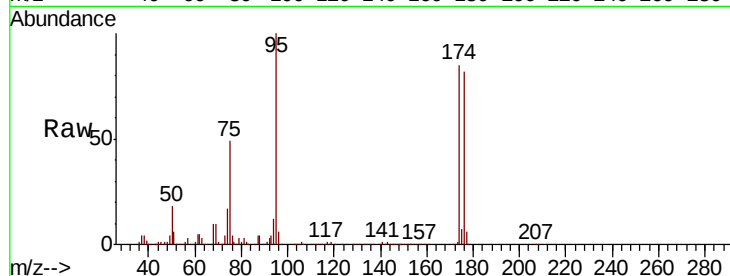
Tot Ion: 95 Resp: 188334

Ion Ratio Lower Upper

95 100

174 83.2 0.0 164.0

176 81.4 0.0 157.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

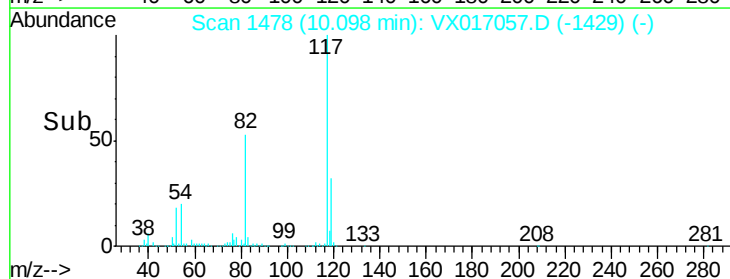
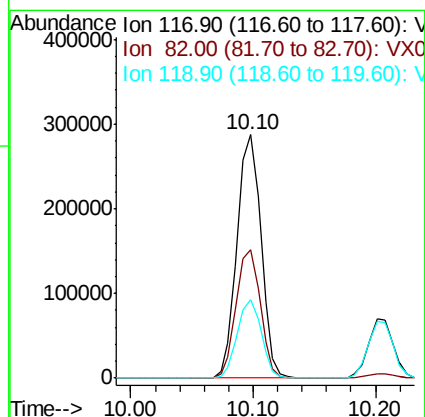
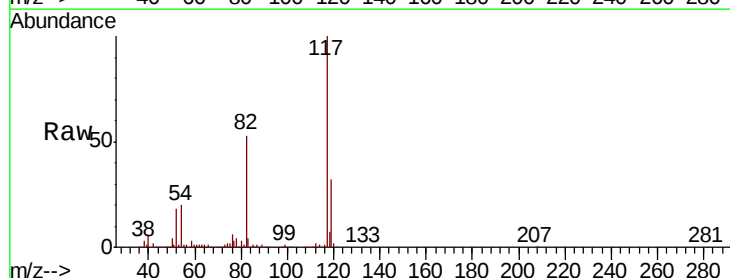
Tgt Ion: 117 Resp: 390090

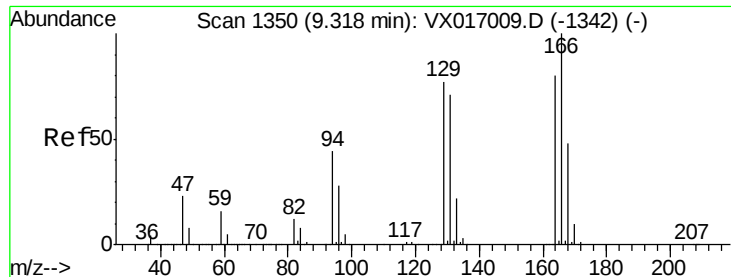
Ion Ratio Lower Upper

117 100

82 52.7 42.6 63.8

119 32.4 25.4 38.2





#64

Tetrachloroethene

Concen: 44.908 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

Tot Ion:164 Resp: 141383

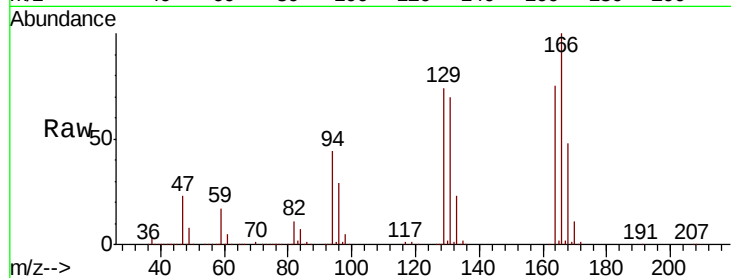
Ion Ratio Lower Upper

164 100

166 133.3 99.4 149.0

129 98.2 76.3 114.5

131 93.3 70.6 105.8



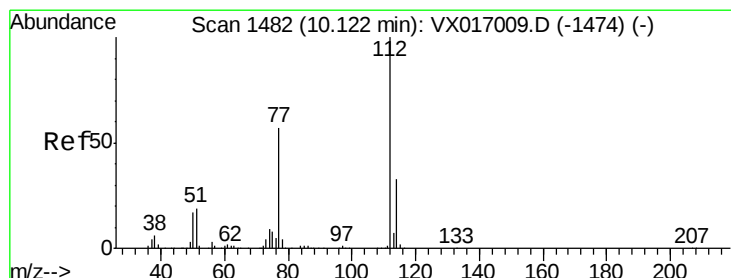
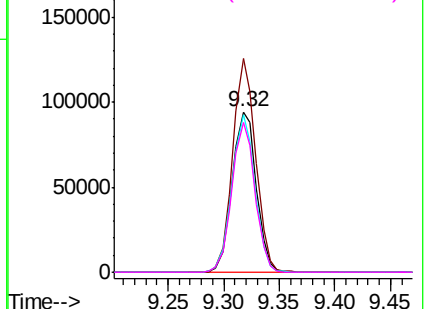
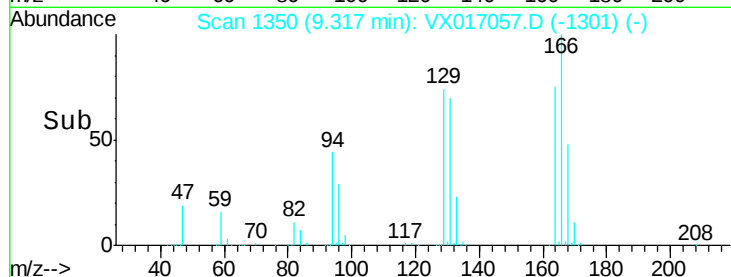
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 46.985 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017057.D

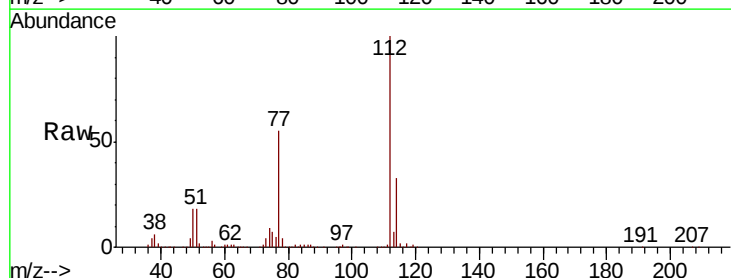
Acq: 30 Jun 2020 19:49

Tgt Ion:112 Resp: 378283

Ion Ratio Lower Upper

112 100

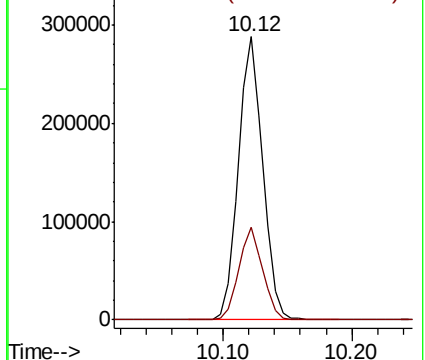
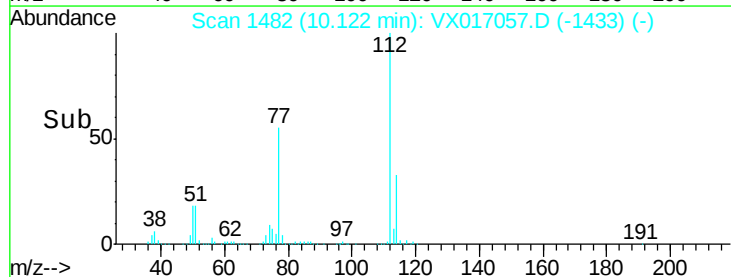
114 32.8 26.2 39.4

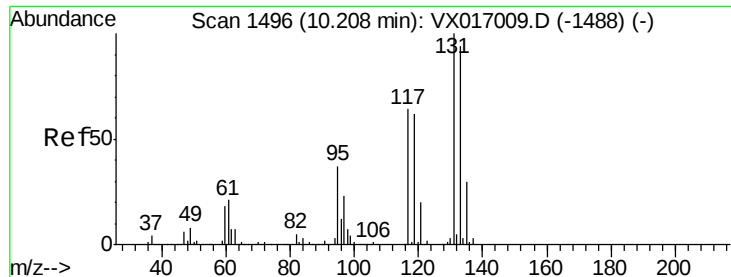


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

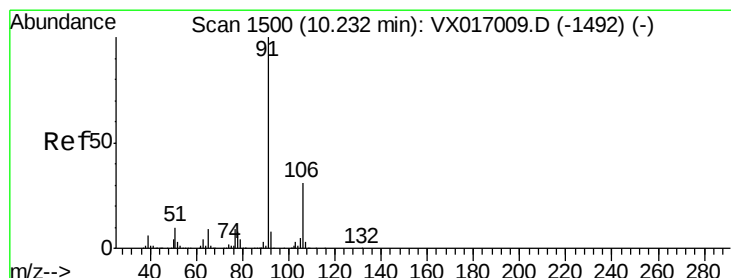
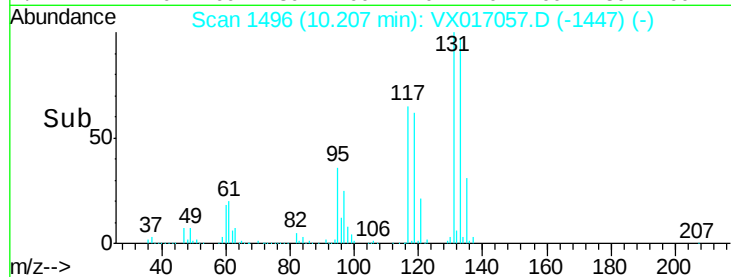
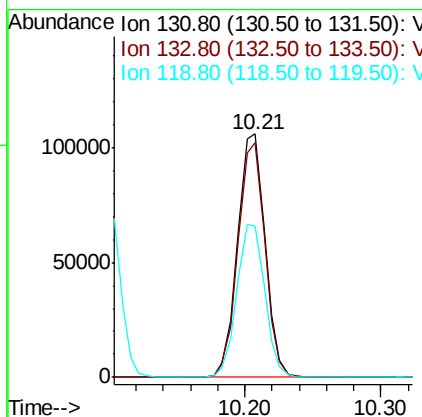
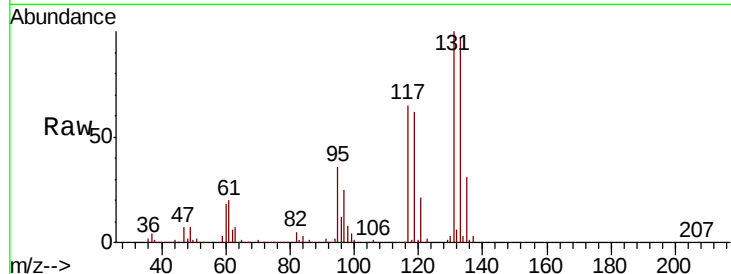




#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.145 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

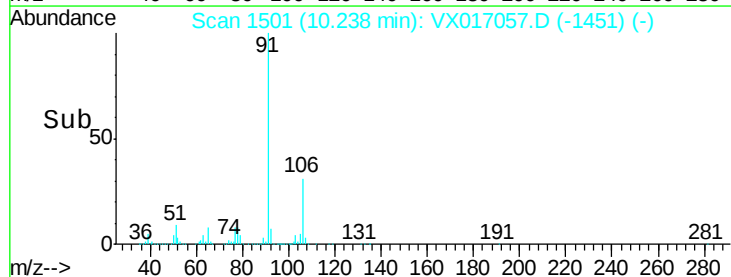
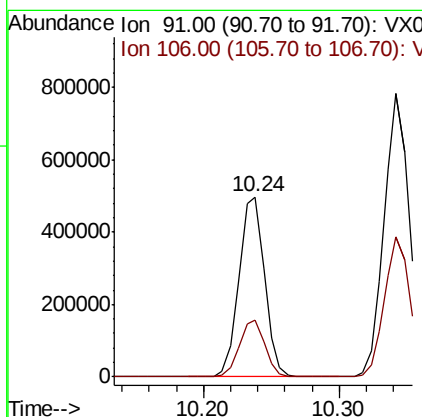
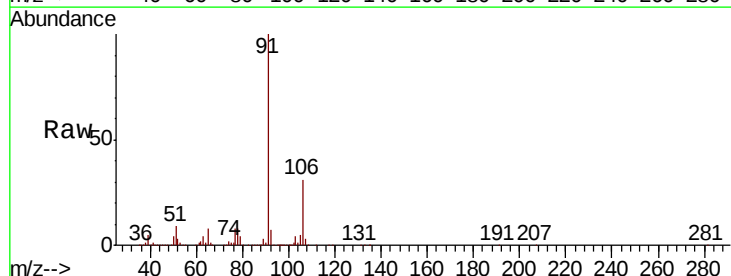
Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

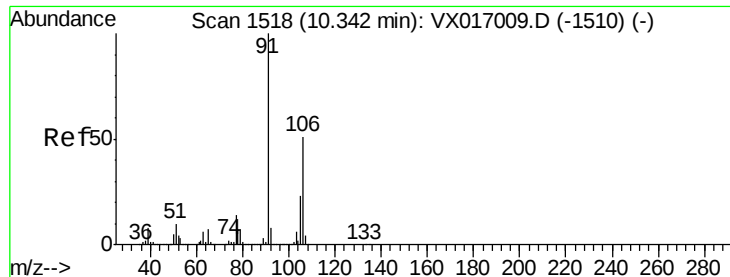
Tot Ion:131 Resp: 149385
 Ion Ratio Lower Upper
 131 100
 133 94.8 47.3 141.9
 119 63.8 31.9 95.5



#67
 Ethyl Benzene
 Concen: 48.516 ug/l
 RT: 10.24 min Scan# 1501
 Delta R.T. 0.01 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Tgt Ion: 91 Resp: 652321
 Ion Ratio Lower Upper
 91 100
 106 31.3 24.7 37.1

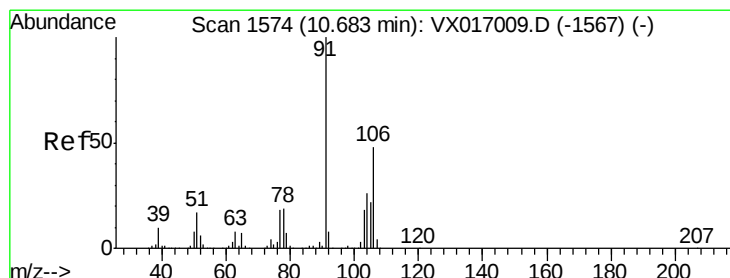
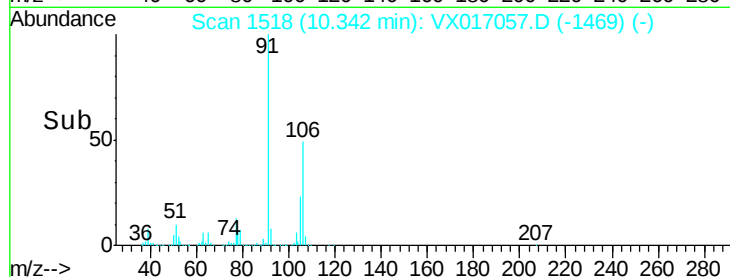
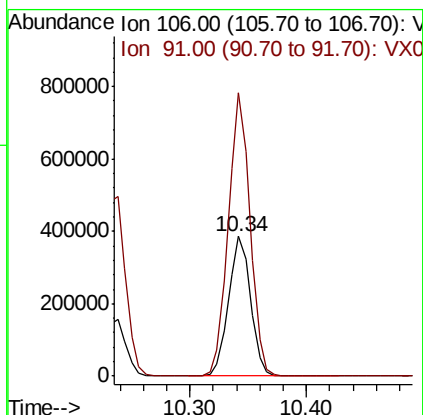
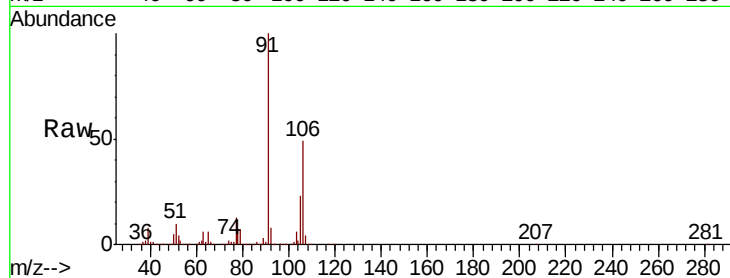




#68
m/p-Xvlenes
Concen: 98.515 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

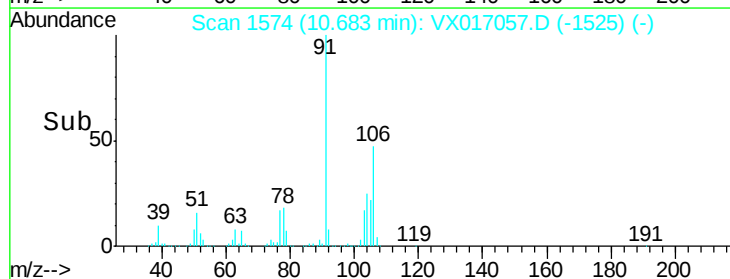
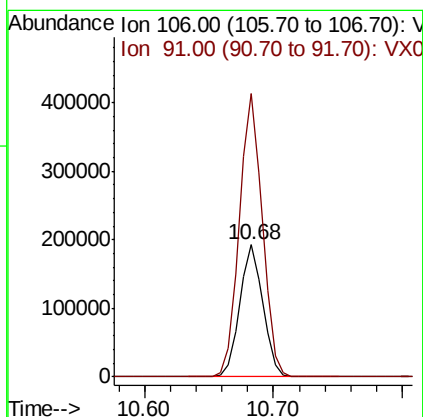
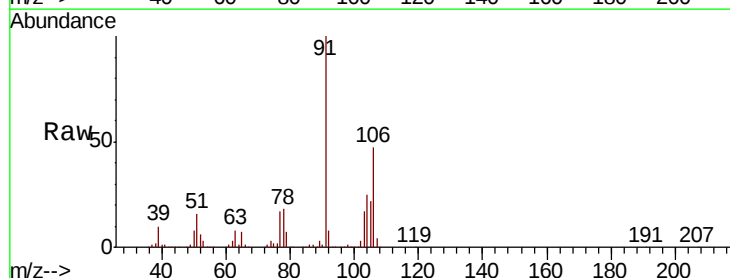
Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

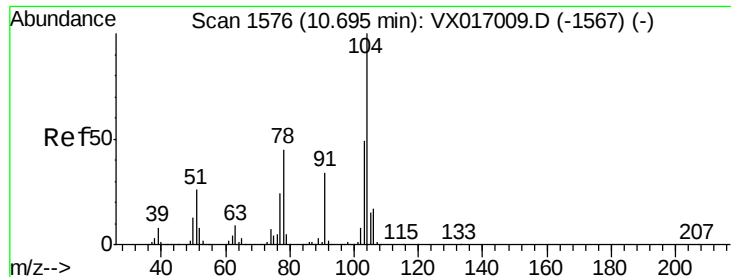
Tot Ion:106 Resp: 508602
Ion Ratio Lower Upper
106 100
91 199.7 158.6 238.0



#69
o-Xylene
Concen: 48.663 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion:106 Resp: 238996
Ion Ratio Lower Upper
106 100
91 214.3 105.6 316.7





#70

Stvrene

Concen: 50.683 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

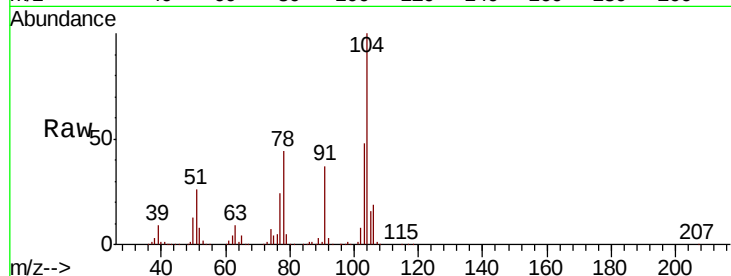
Tot Ion:104 Resp: 423877

Ion Ratio Lower Upper

104 100

78 49.5 39.5 59.3

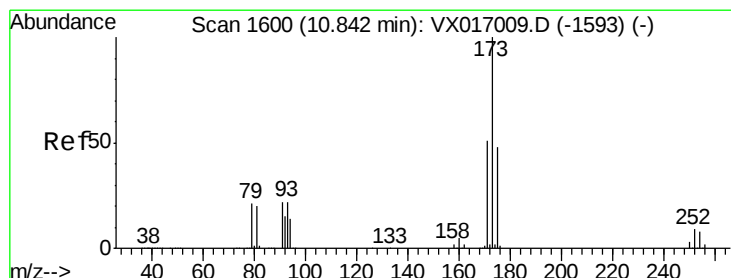
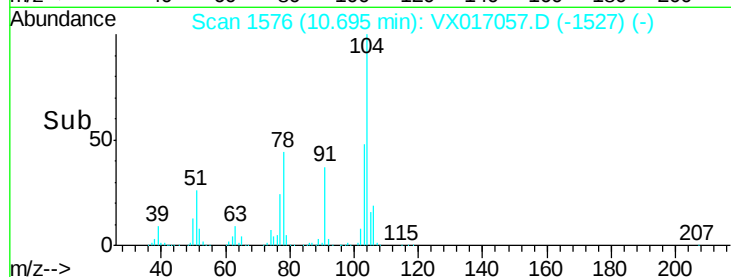
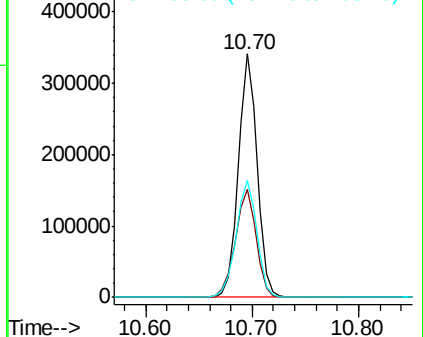
103 53.3 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 51.569 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

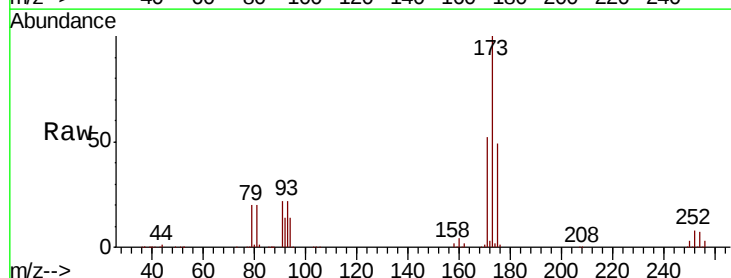
Tgt Ion:173 Resp: 126886

Ion Ratio Lower Upper

173 100

175 48.5 24.5 73.5

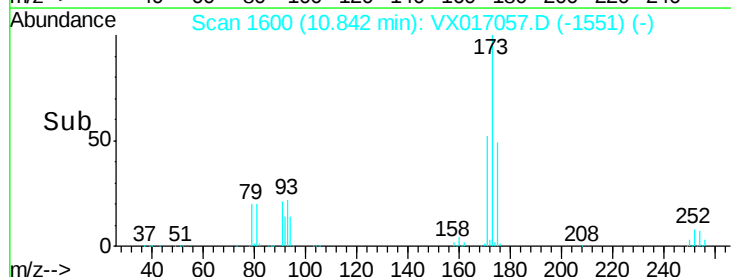
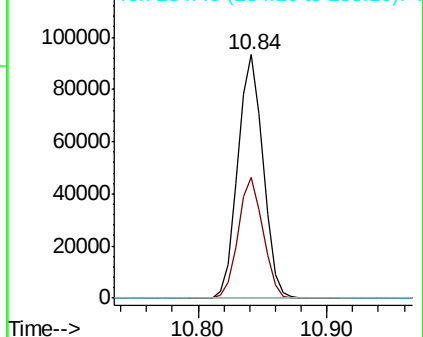
254 0.2 0.1 0.1#

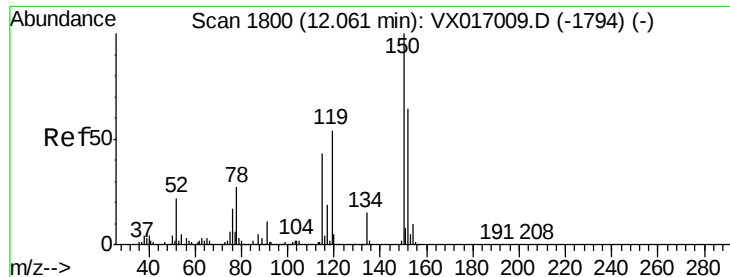


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

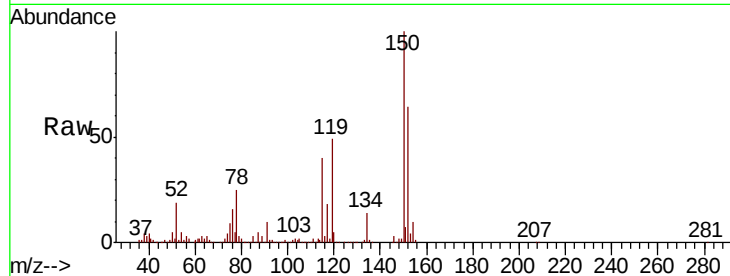
Tot Ion:152 Resp: 203131

Ion Ratio Lower Upper

152 100

115 78.0 40.9 122.7

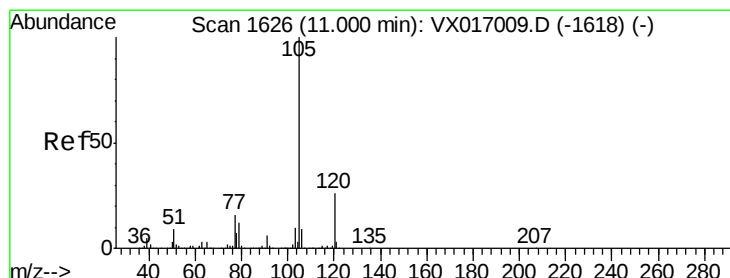
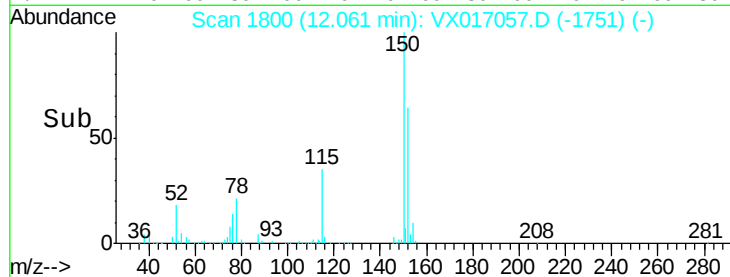
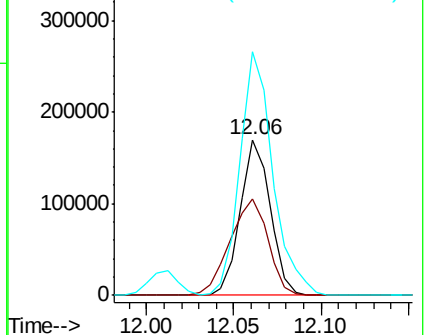
150 172.4 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 48.742 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017057.D

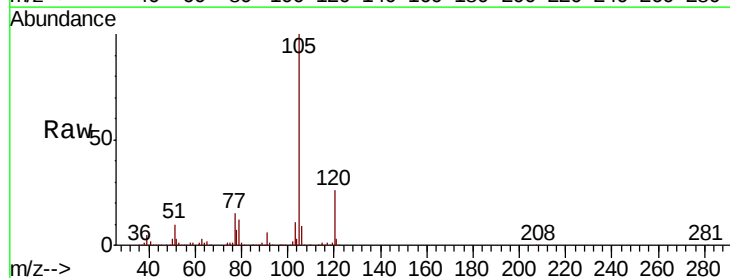
Acq: 30 Jun 2020 19:49

Tgt Ion:105 Resp: 648525

Ion Ratio Lower Upper

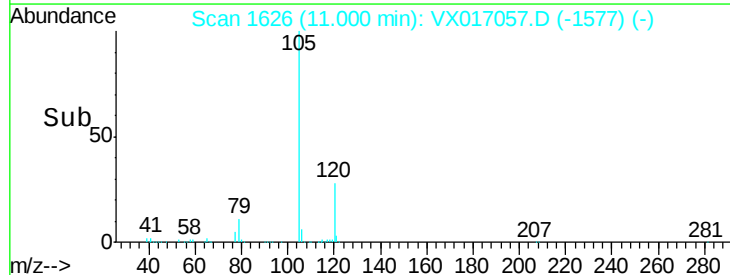
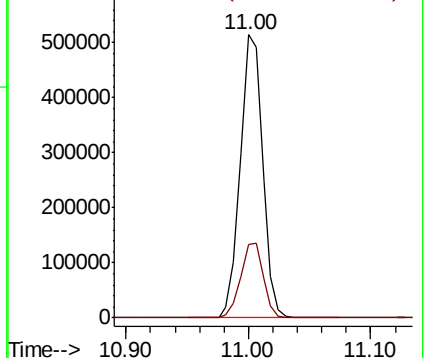
105 100

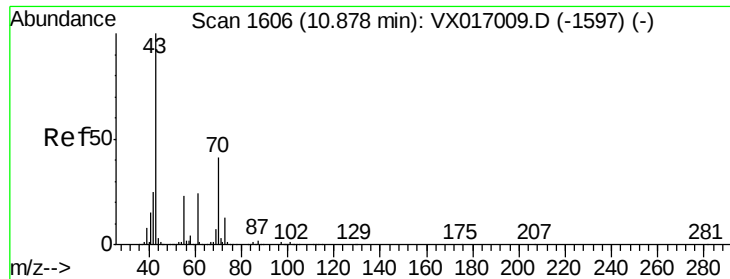
120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 47.455 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

Tot Ion: 43 Resp: 269416

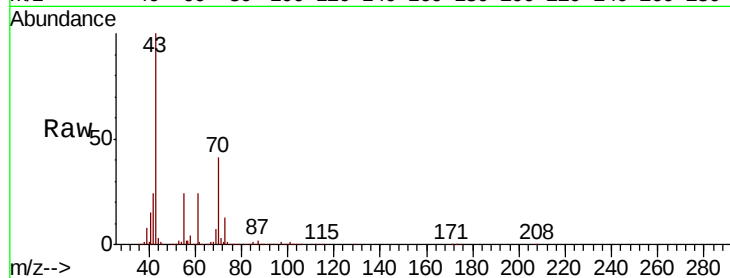
Ion Ratio Lower Upper

43 100

70 43.4 34.2 51.2

55 24.5 19.2 28.8

61 24.5 19.6 29.4

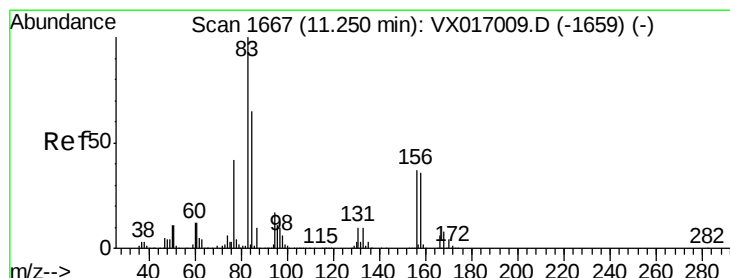
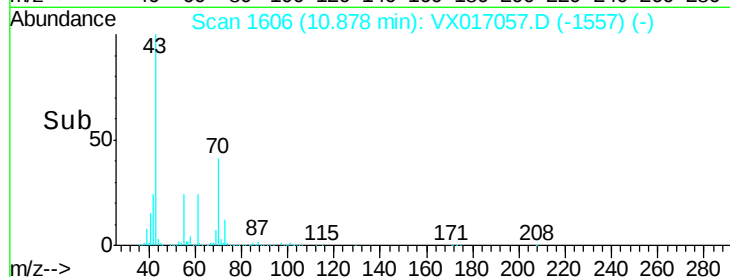
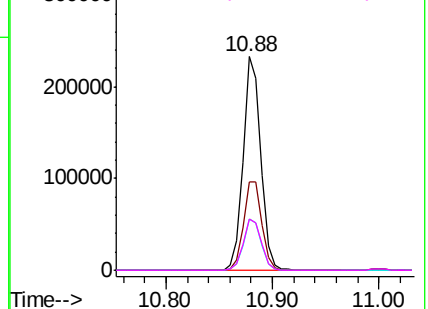


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.728 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

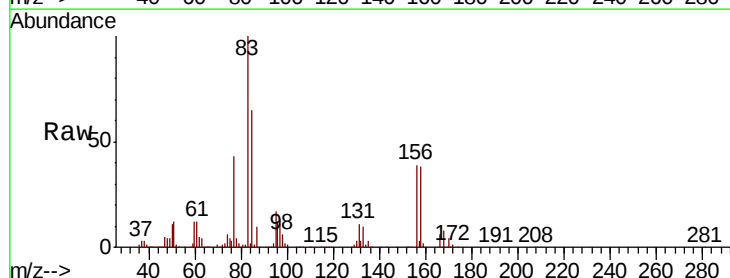
Tgt Ion: 83 Resp: 199757

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

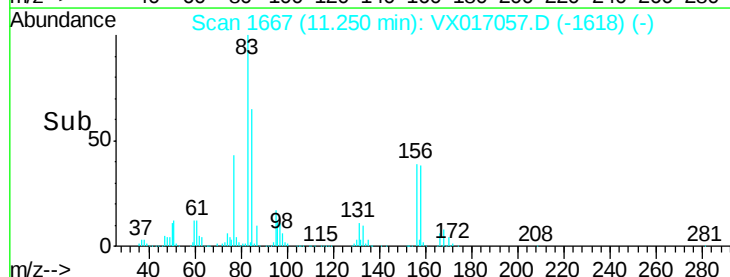
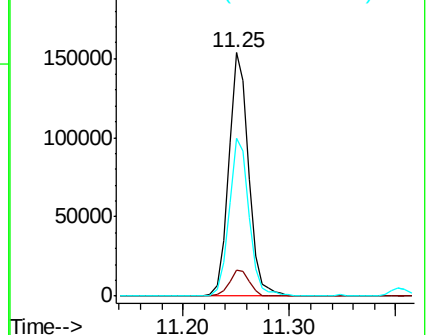
85 65.5 31.9 95.9

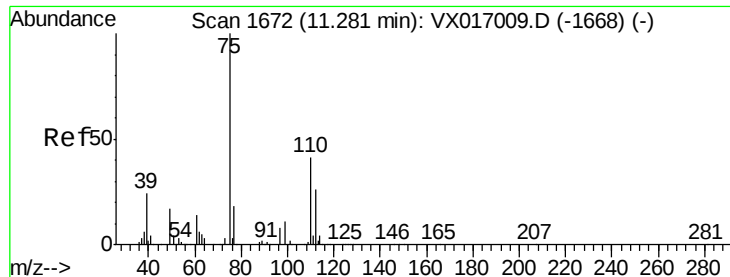


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 61.228 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

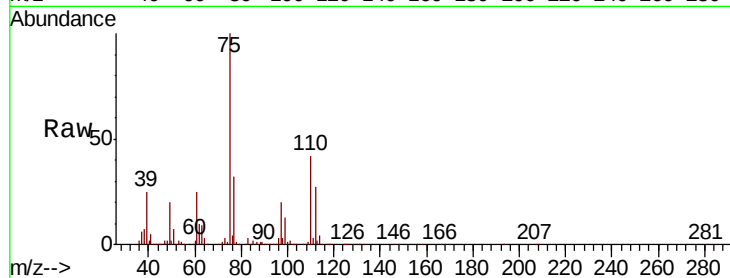
61BR-20200624MSD

Tot Ion: 75 Resp: 244573

Ion Ratio Lower Upper

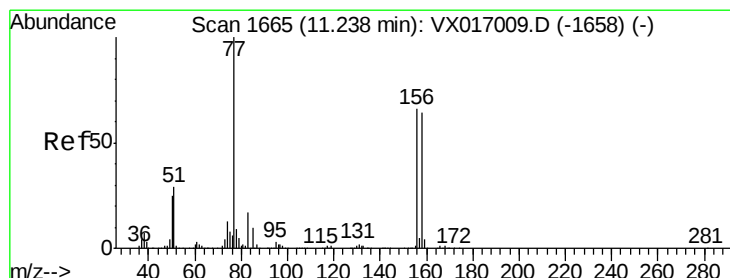
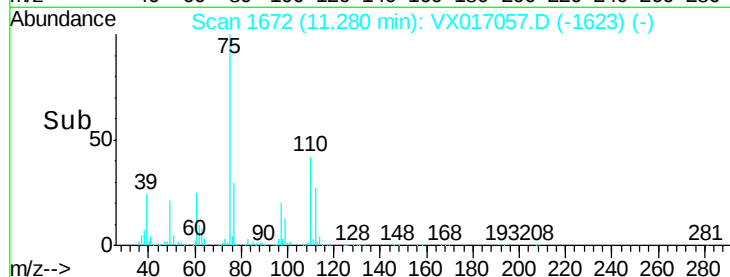
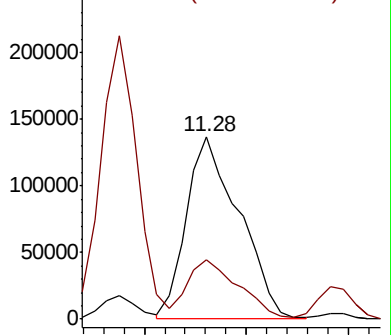
75 100

77 31.8 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: 48.205 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

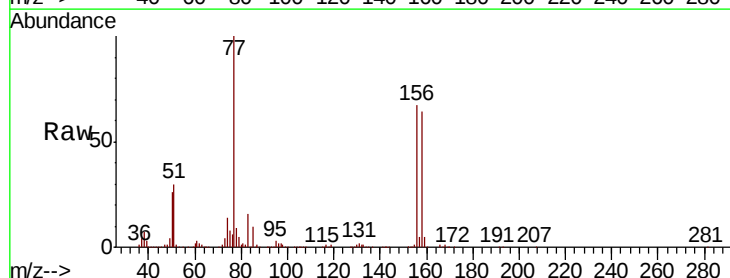
Tgt Ion: 156 Resp: 176275

Ion Ratio Lower Upper

156 100

77 149.5 76.9 230.7

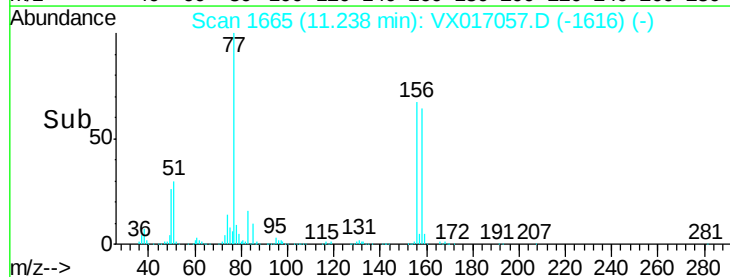
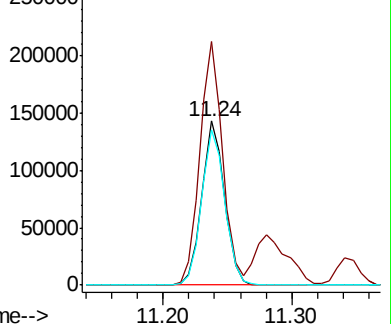
158 96.7 47.9 143.6

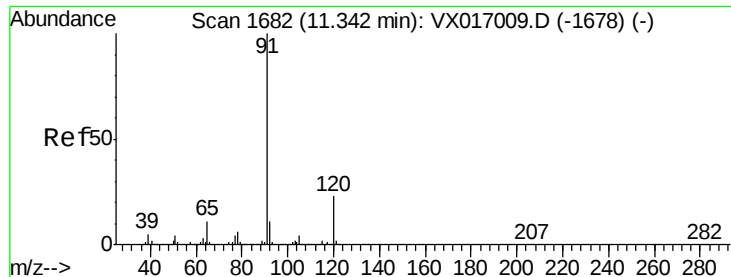


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 47.621 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

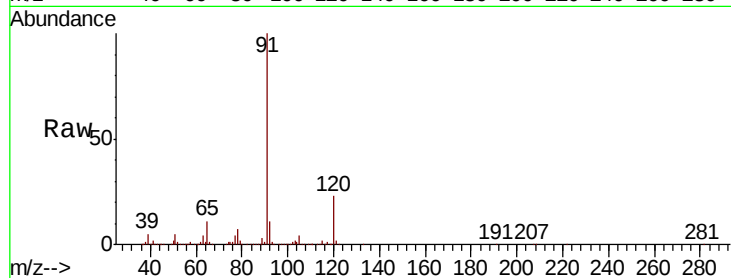
61BR-20200624MSD

Tot Ion: 91 Resp: 716501

Ion Ratio Lower Upper

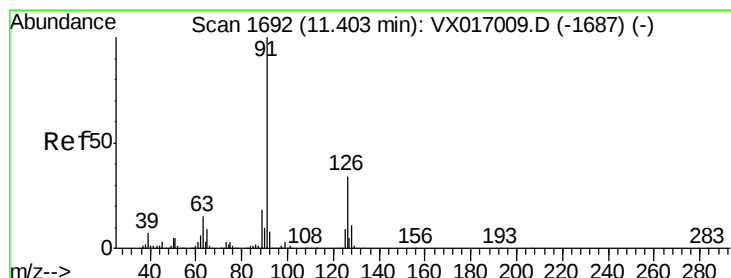
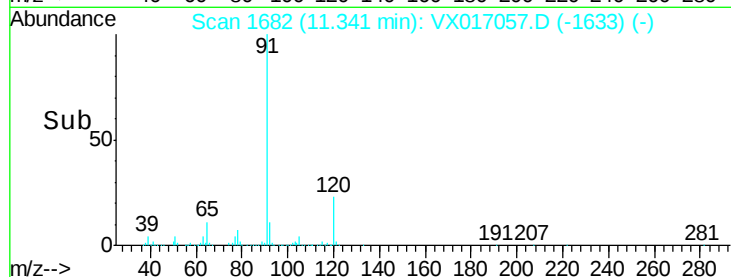
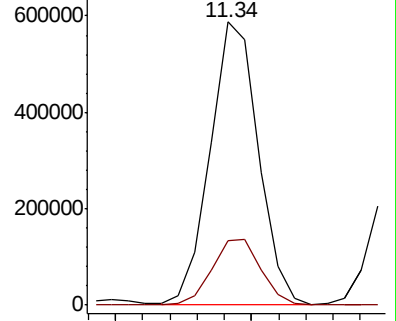
91 100

120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 47.852 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017057.D

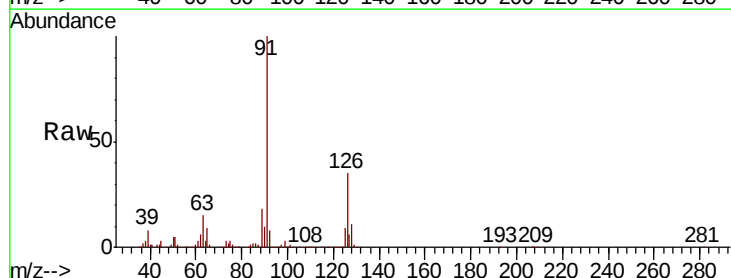
Acq: 30 Jun 2020 19:49

Tgt Ion: 91 Resp: 435746

Ion Ratio Lower Upper

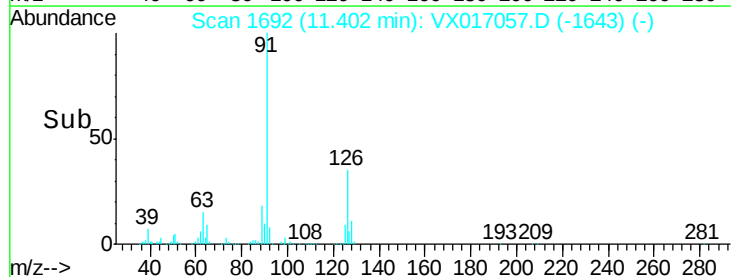
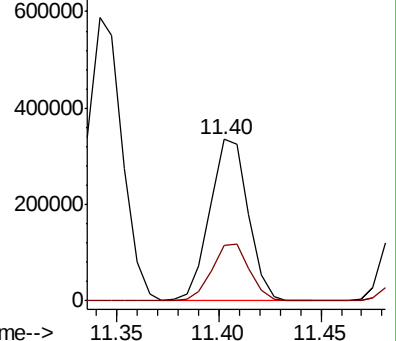
91 100

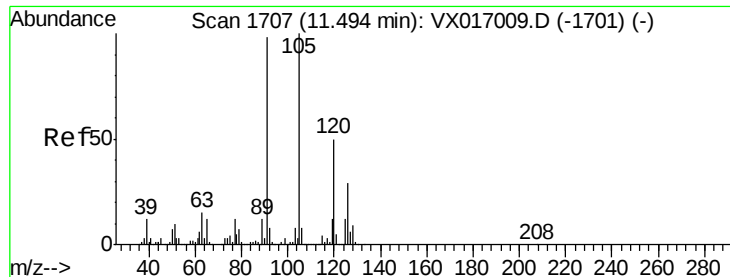
126 34.9 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

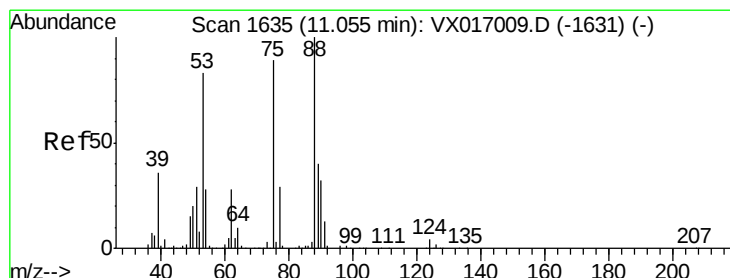
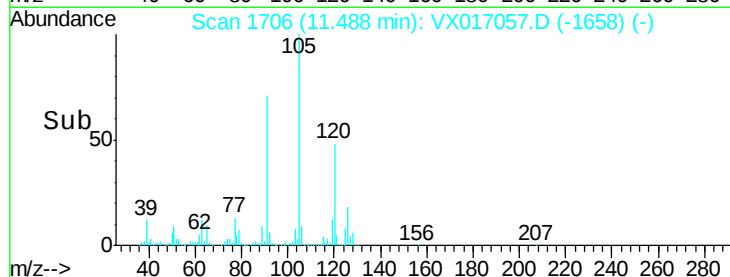
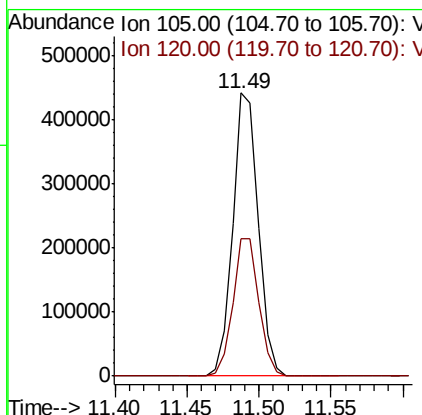
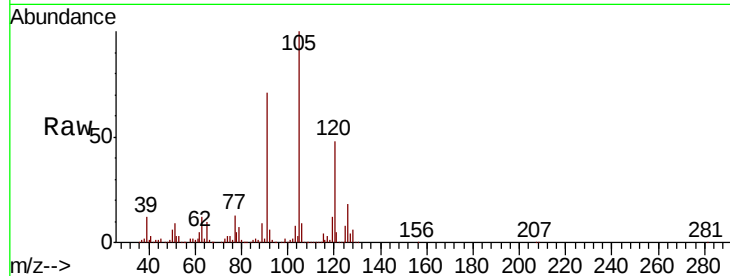




#80
 1,3,5-Trimethylbenzene
 Concen: 49.655 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

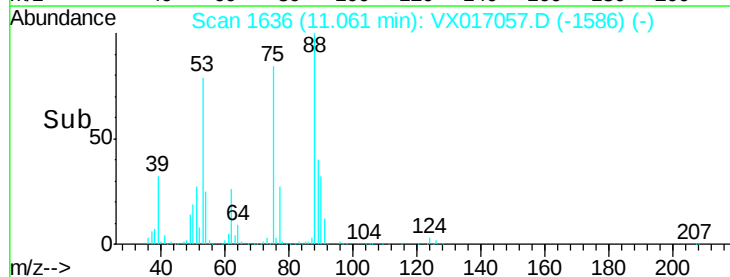
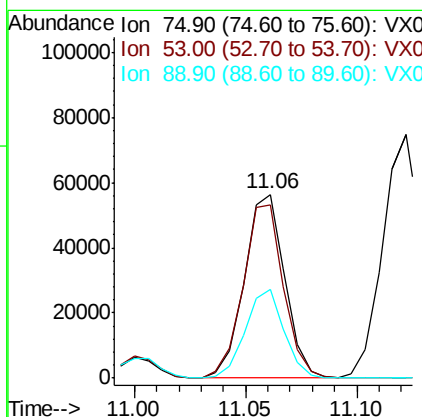
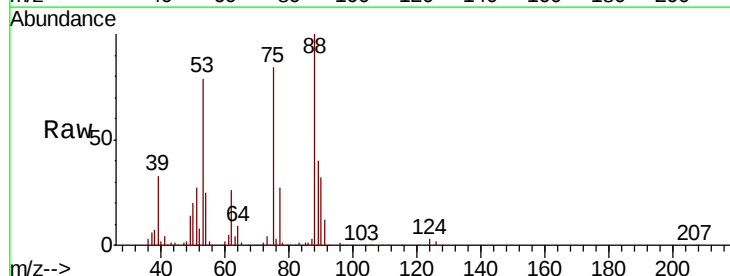
Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

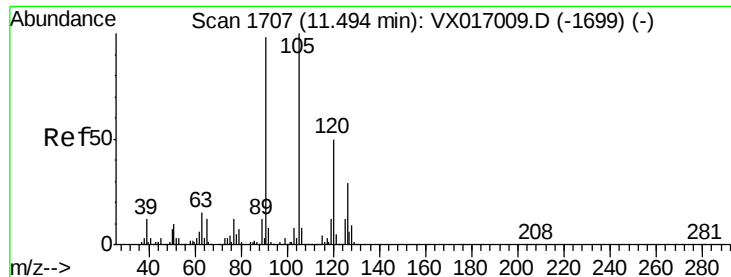
Tot Ion:105 Resp: 548011
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.830 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. 0.01 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Tgt Ion: 75 Resp: 70691
 Ion Ratio Lower Upper
 75 100
 53 95.0 72.4 108.6
 89 46.9 37.0 55.4

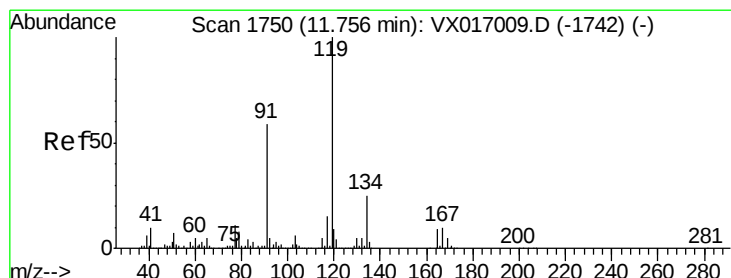
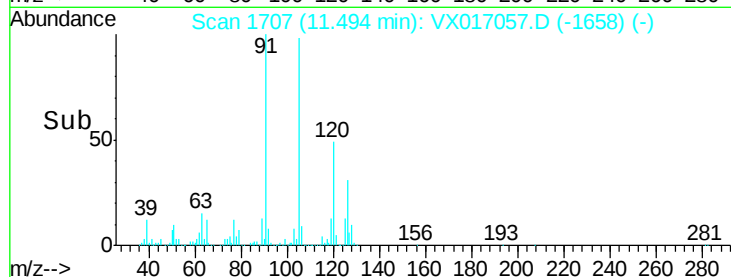
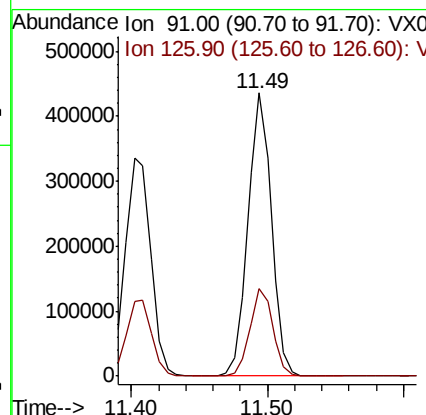
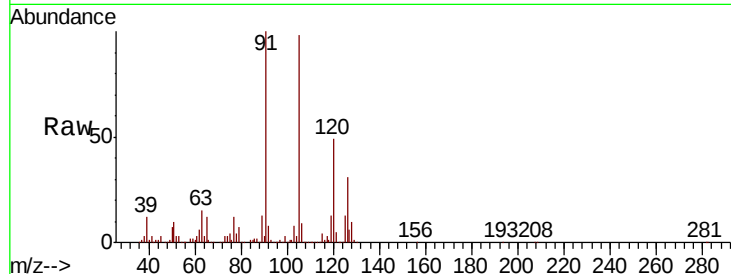




#82
4-Chlorotoluene
Concen: 48.148 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

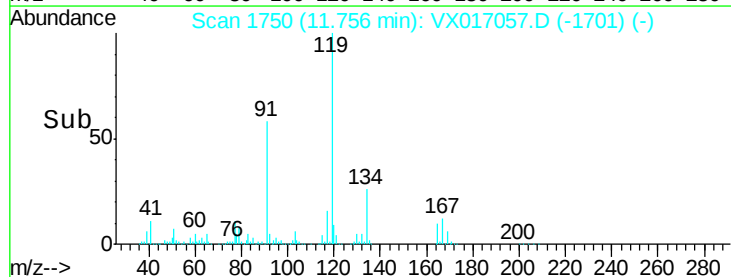
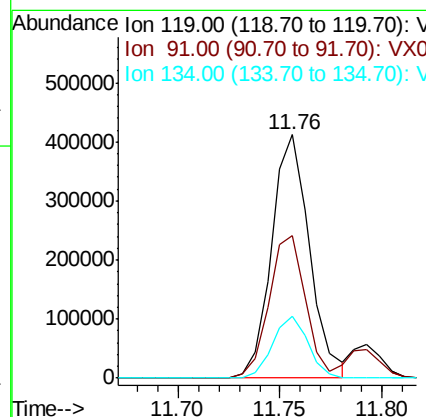
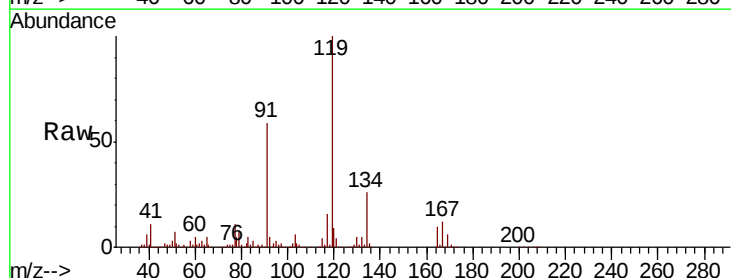
Instrument :
MSVOA_X
ClientSampleId :
61BR-20200624MSD

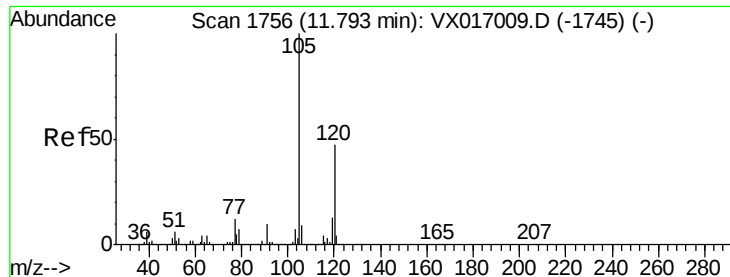
Tot Ion: 91 Resp: 524122
Ion Ratio Lower Upper
91 100
126 30.4 15.2 45.5



#83
tert-Butylbenzene
Concen: 49.316 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017057.D
Acq: 30 Jun 2020 19:49

Tgt Ion: 119 Resp: 534290
Ion Ratio Lower Upper
119 100
91 56.2 28.3 84.9
134 24.0 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 50.135 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

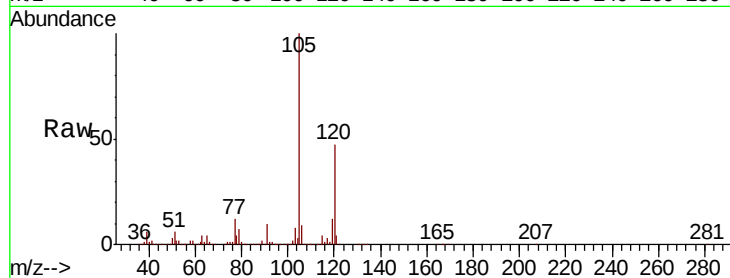
61BR-20200624MSD

Tot Ion:105 Resp: 561336

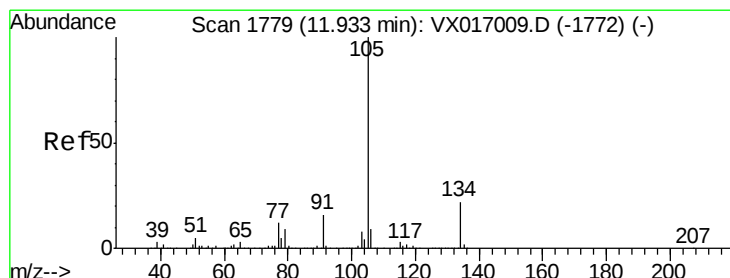
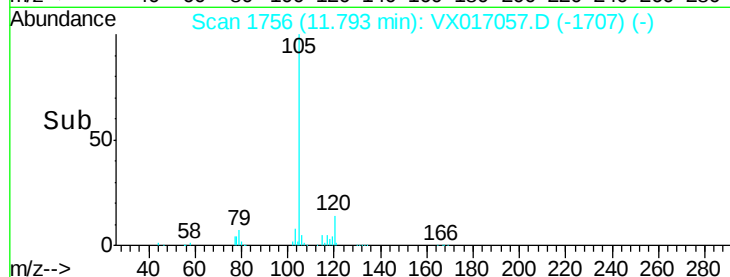
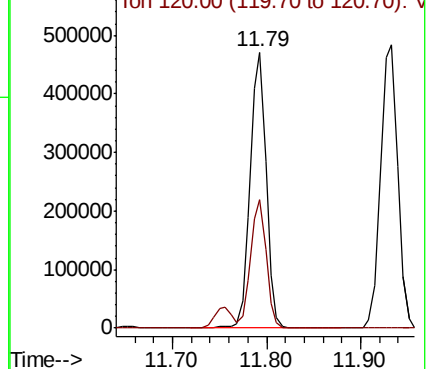
Ion Ratio Lower Upper

105 100

120 45.3 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V



#85

sec-Butylbenzene

Concen: 47.674 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017057.D

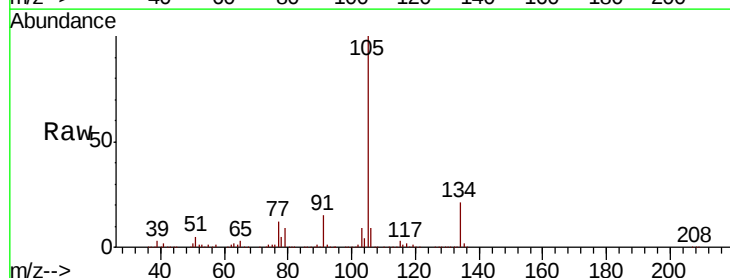
Acq: 30 Jun 2020 19:49

Tgt Ion:105 Resp: 607124

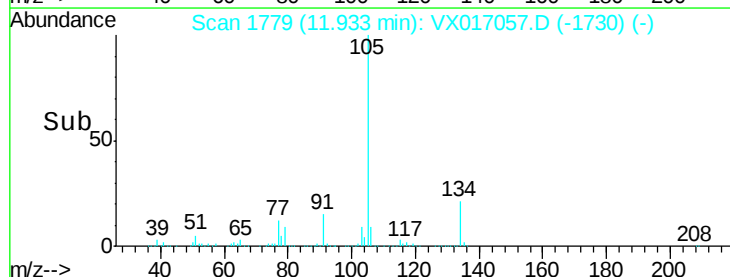
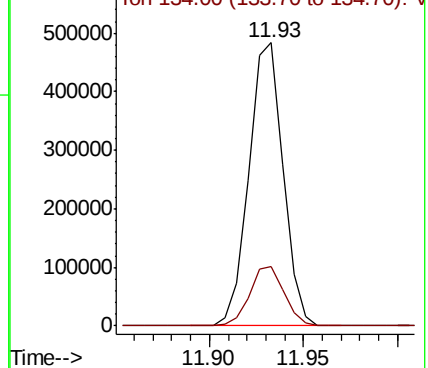
Ion Ratio Lower Upper

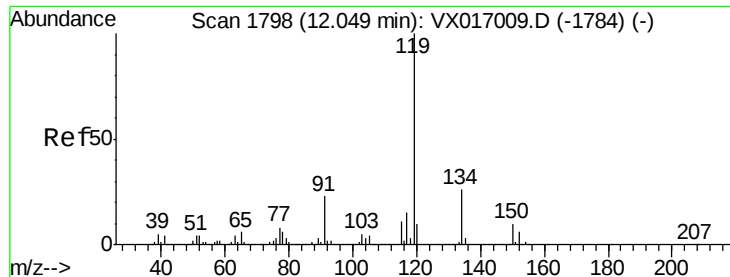
105 100

134 21.2 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V





#86

p-Isopropyltoluene

Concen: 48.955 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

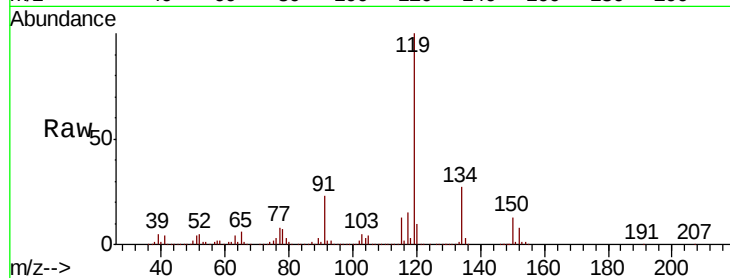
Tot Ion:119 Resp: 580381

Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

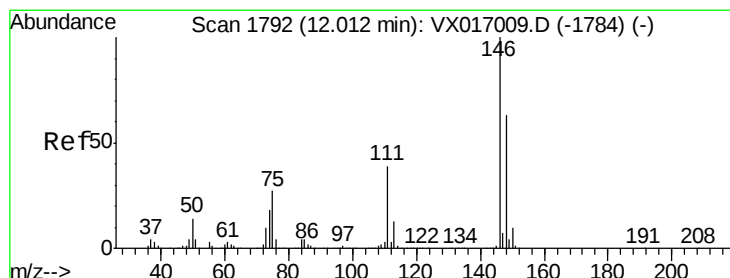
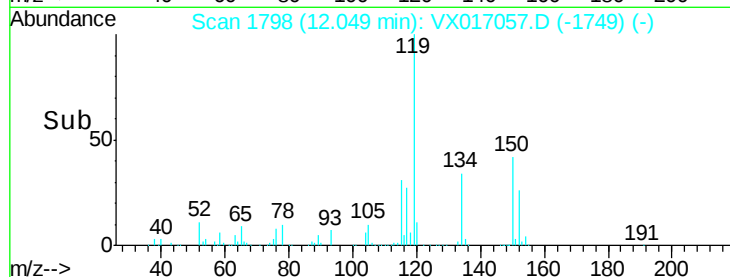
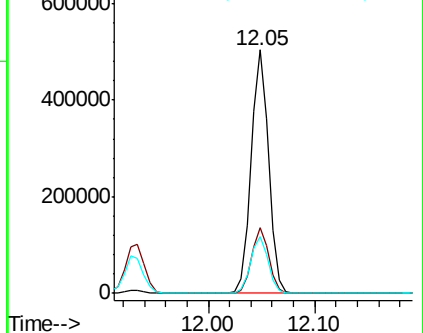
91 23.4 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 47.015 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

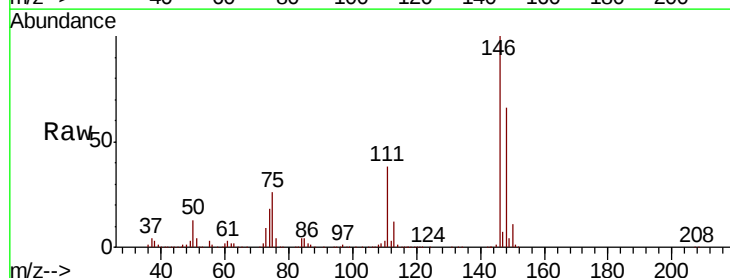
Tgt Ion:146 Resp: 312250

Ion Ratio Lower Upper

146 100

111 38.7 20.4 61.2

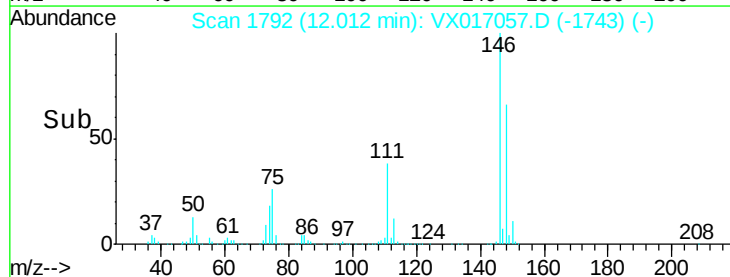
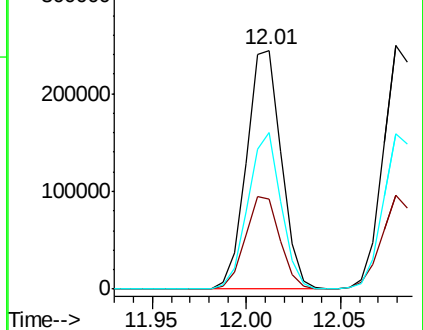
148 62.7 32.5 97.5

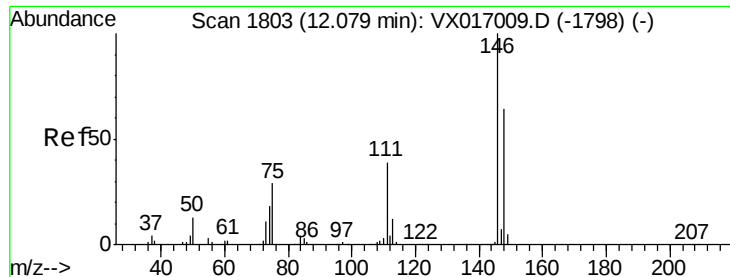


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

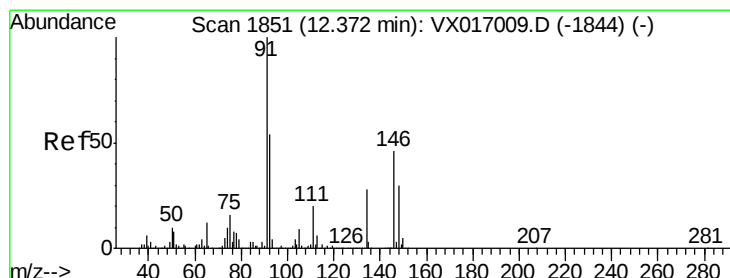
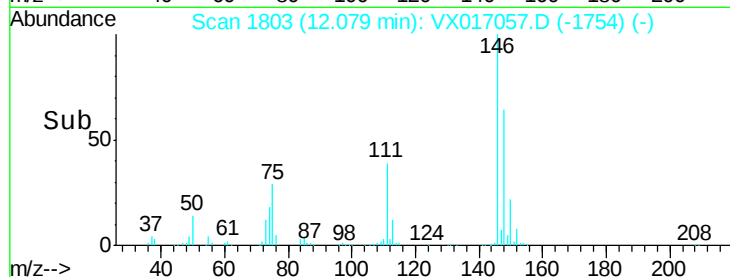
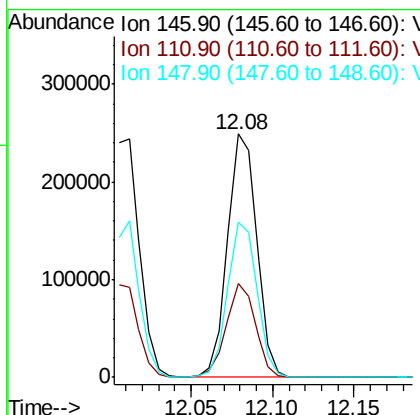
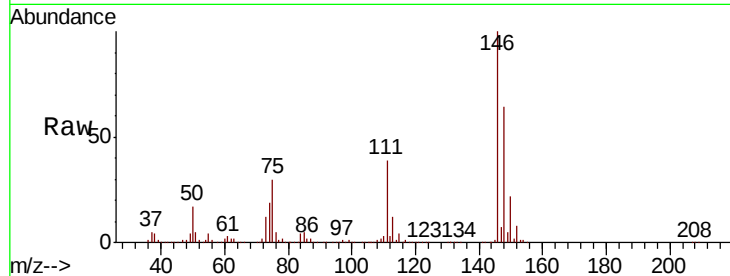




#88
 1,4-Dichlorobenzene
 Concen: 49.522 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

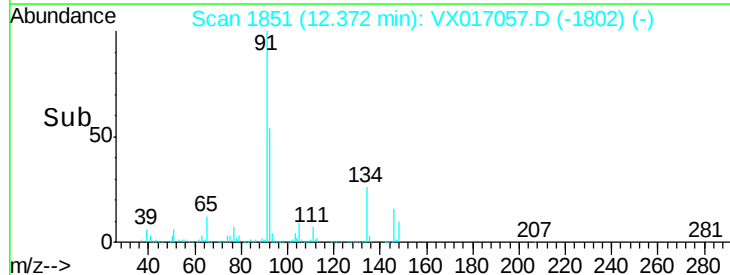
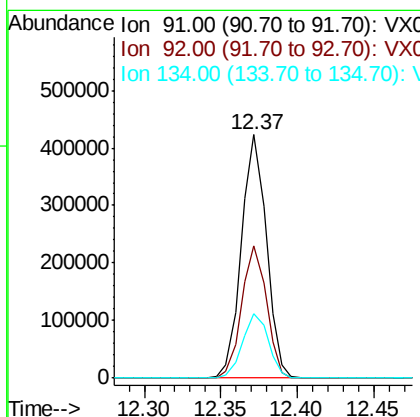
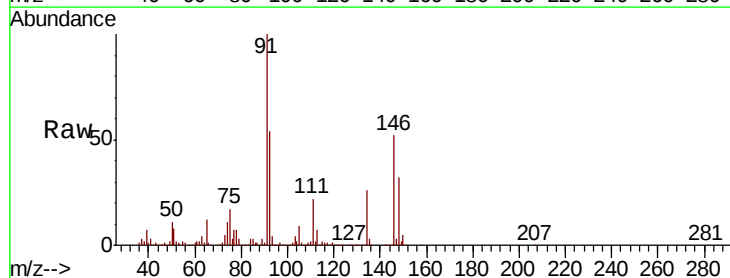
Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

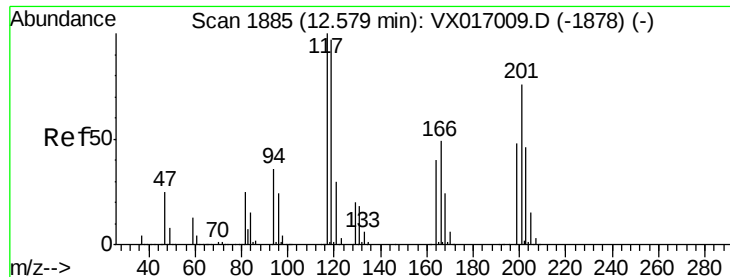
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.5	58.5
148	64.3	31.9	95.7



#89
 n-Butylbenzene
 Concen: 45.299 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.2	81.6
134	27.3	13.6	40.7





#90

Hexachloroethane

Concen: 46.917 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

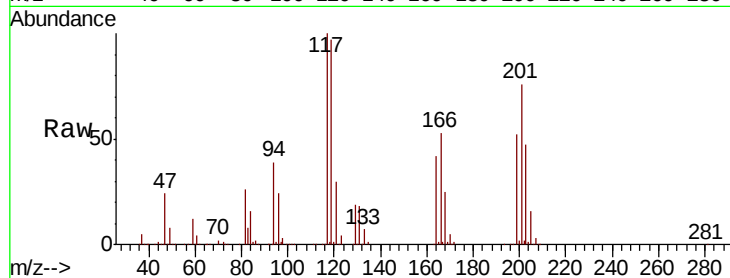
61BR-20200624MSD

Tot Ion:117 Resp: 109686

Ion Ratio Lower Upper

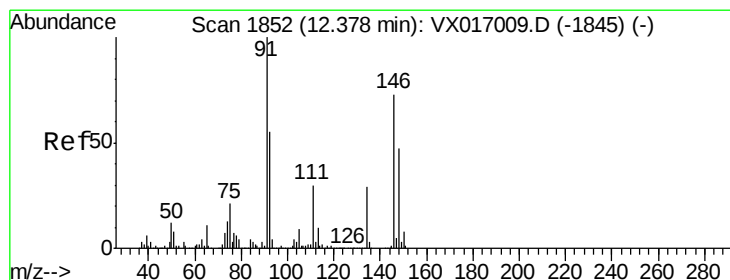
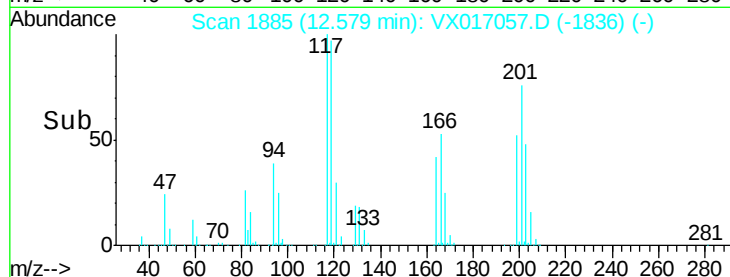
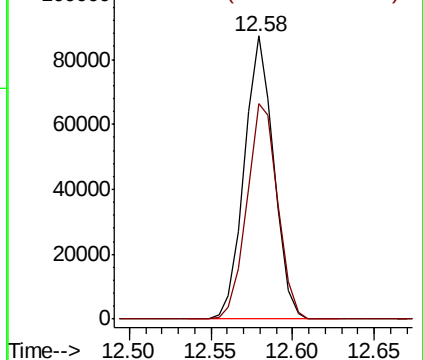
117 100

201 79.6 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 46.684 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

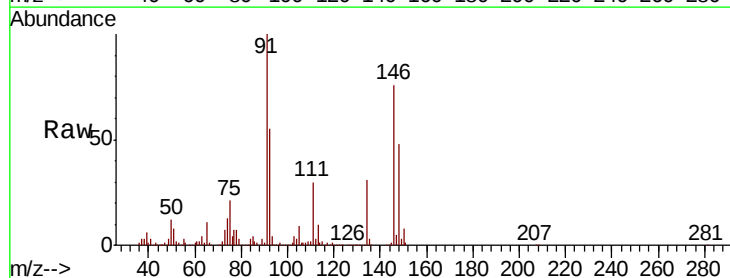
Tgt Ion:146 Resp: 289817

Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.9

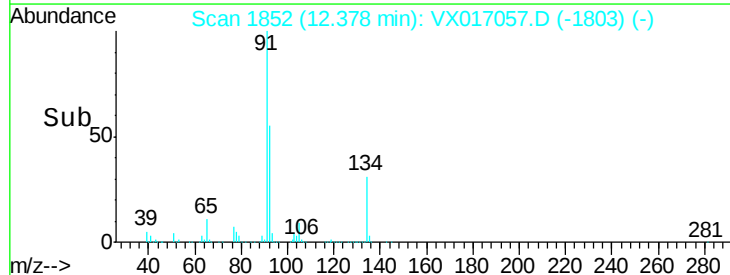
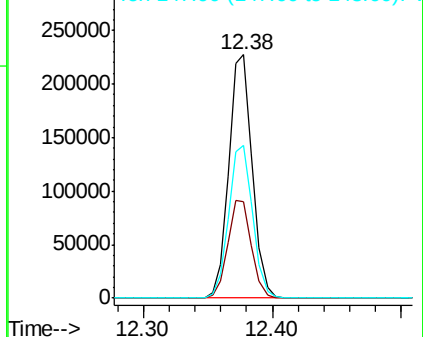
148 64.3 32.4 97.2

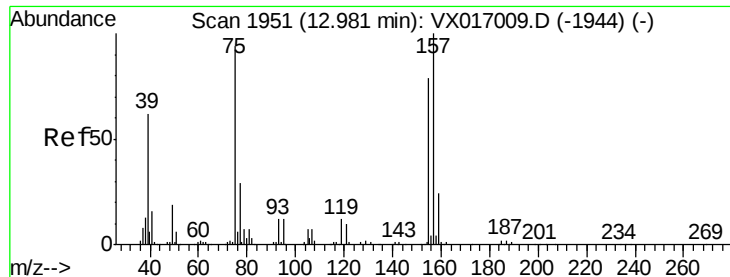


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 47.950 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

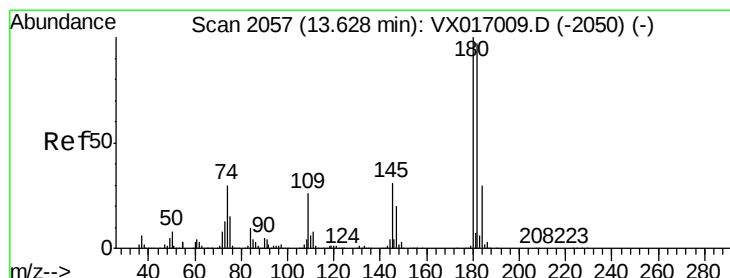
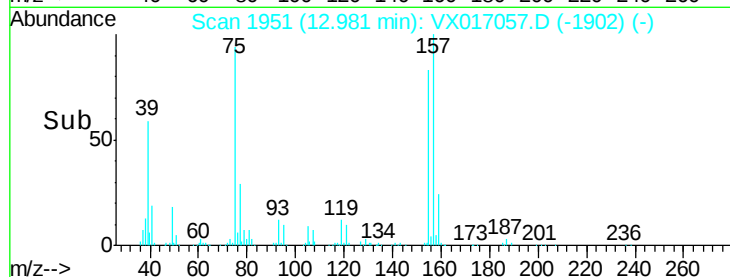
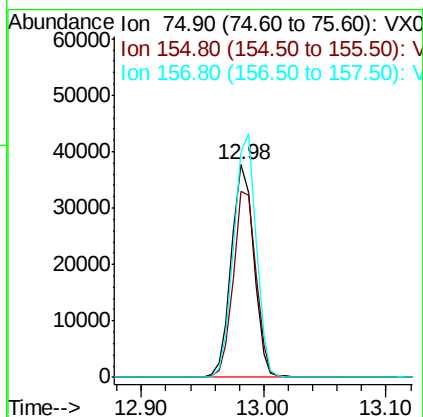
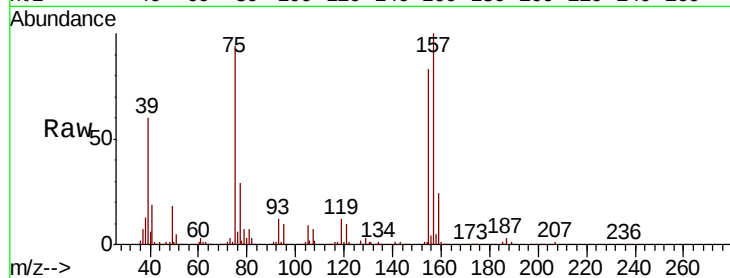
Tot Ion: 75 Resp: 47874

Ion Ratio Lower Upper

75 100

155 87.8 45.1 135.2

157 113.2 56.5 169.3



#93

1,2,4-Trichlorobenzene

Concen: 44.182 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

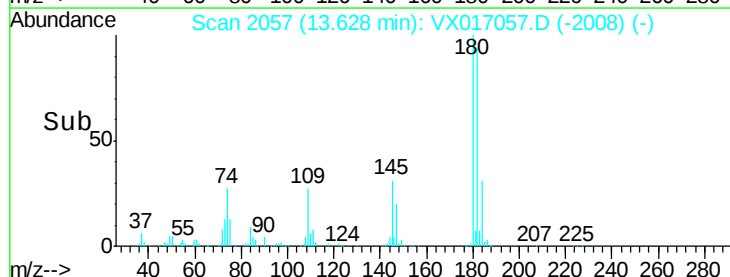
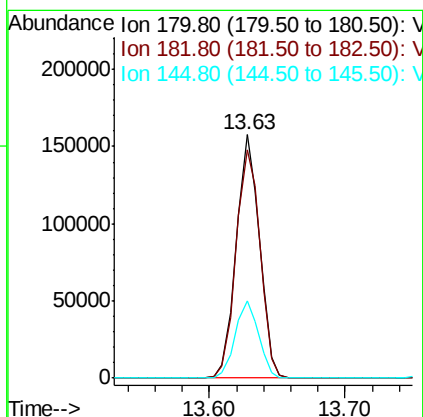
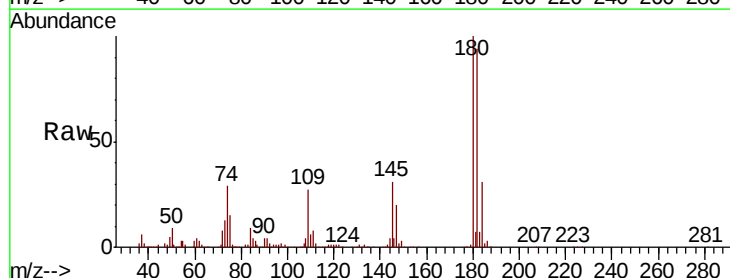
Tgt Ion: 180 Resp: 187210

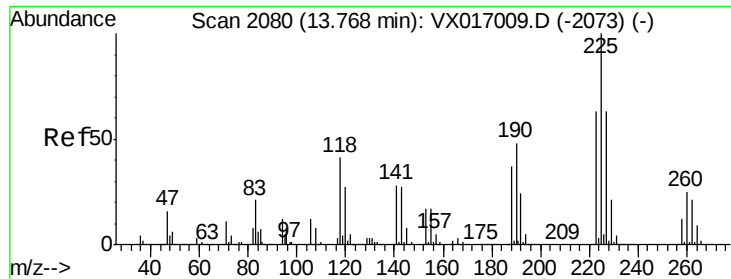
Ion Ratio Lower Upper

180 100

182 97.3 47.3 141.9

145 31.7 15.4 46.2





#94

Hexachlorobutadiene

Concen: 43.100 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

Instrument :

MSVOA_X

ClientSampleId :

61BR-20200624MSD

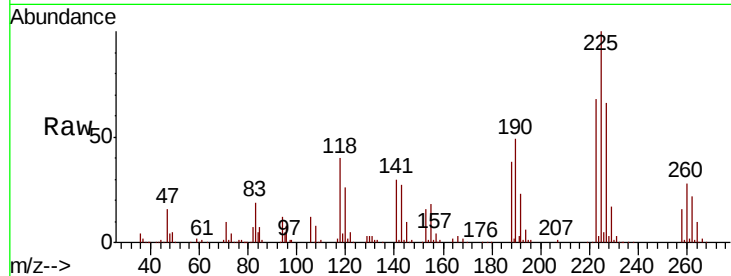
Tot Ion:225 Resp: 69119

Ion Ratio Lower Upper

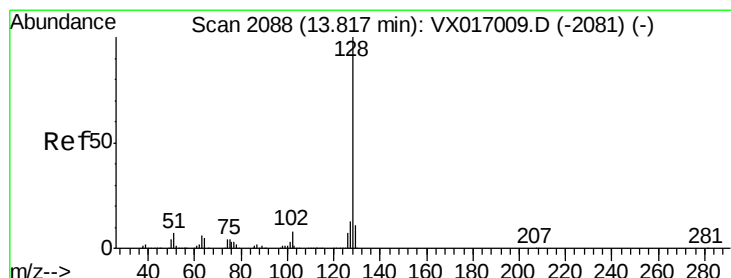
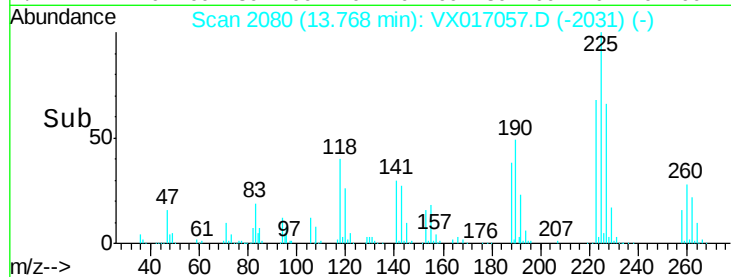
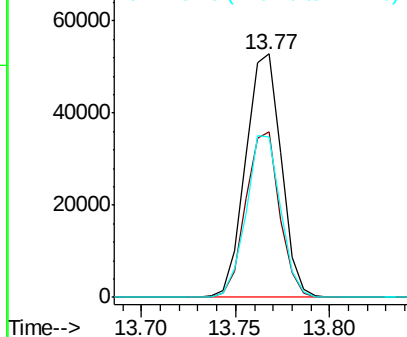
225 100

223 64.6 32.5 97.5

227 64.3 33.1 99.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 49.617 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017057.D

Acq: 30 Jun 2020 19:49

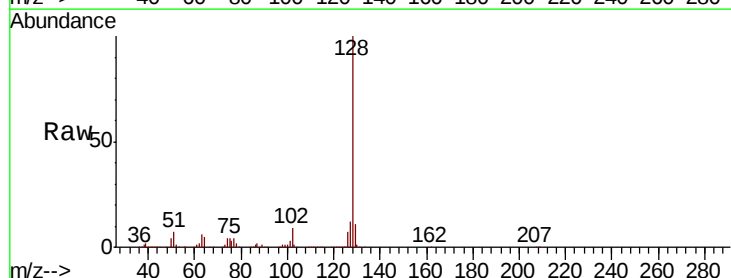
Tgt Ion:128 Resp: 639161

Ion Ratio Lower Upper

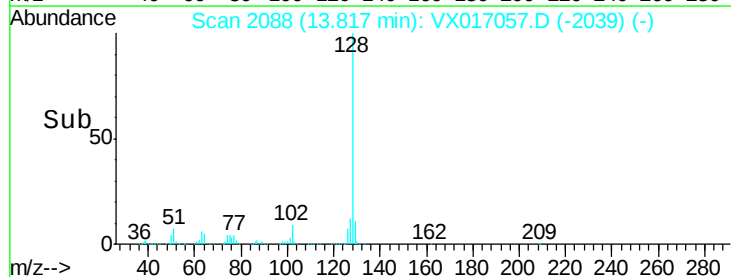
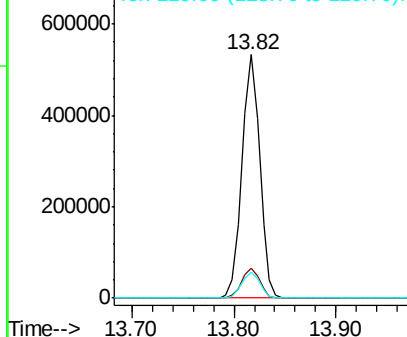
128 100

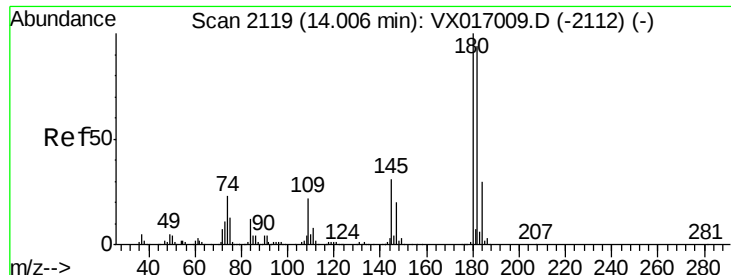
127 12.6 10.2 15.4

129 10.9 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

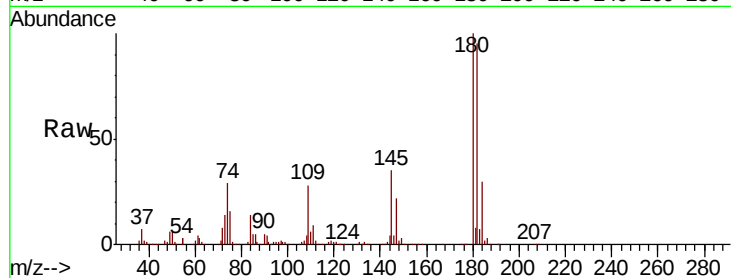




#96
 1,2,3-Trichlorobenzene
 Concen: 46.959 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX017057.D
 Acq: 30 Jun 2020 19:49

Instrument :
 MSVOA_X
 ClientSampleId :
 61BR-20200624MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.1	141.4
145	32.8	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

