

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022391.D
 Acq On : 04 Jun 2021 01:24
 Operator : JC/MD
 Sample : PB36780ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB36780ZHE#06

Quant Time: Jun 04 05:39:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

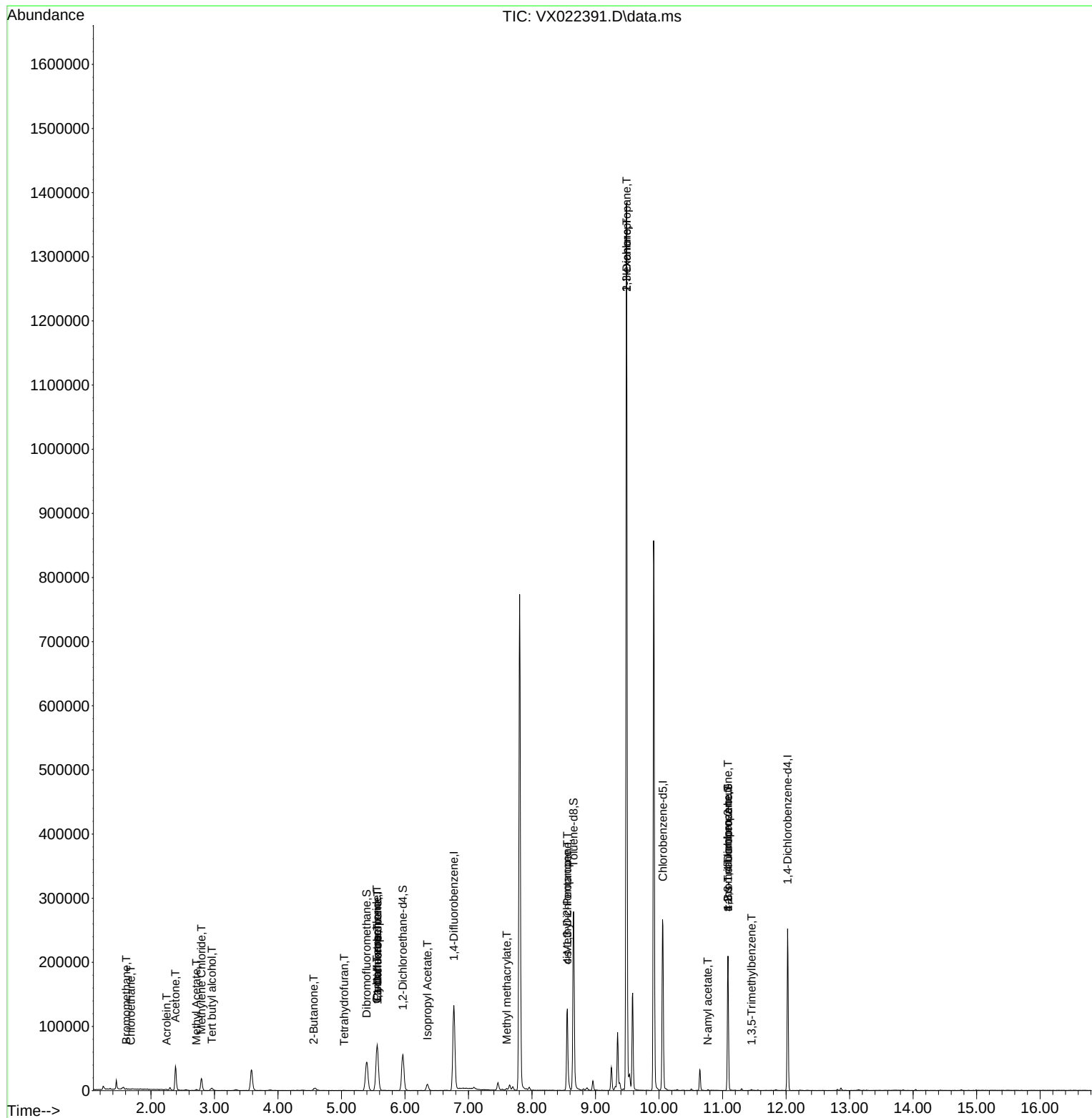
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	59507	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	130149	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	116246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51936	56.58	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.16%	
35) Dibromofluoromethane	5.397	113	38860	47.08	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.16%	
50) Toluene-d8	8.652	98	160403	50.45	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.90%	
62) 4-Bromofluorobenzene	11.085	95	57434	48.87	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.74%	
Target Compounds						Qvalue
5) Bromomethane	1.611	94	107	0.22	ug/l	89
6) Chloroethane	1.684	64	188	0.38	ug/l	# 43
11) Tert butyl alcohol	2.958	59	3446	16.41	ug/l	# 77
13) Acrolein	2.245	56	79	0.57	ug/l	# 1
16) Acetone	2.385	43	38222	95.63	ug/l	95
18) Methyl Acetate	2.715	43	1747	1.64	ug/l	# 79
20) Methylene Chloride	2.794	84	8268	9.32	ug/l	# 82
25) 2-Butanone	4.562	43	2632	4.07	ug/l	# 78
29) Tetrahydrofuran	5.043	42	304	0.79	ug/l	# 27
31) Cyclohexane	5.562	56	1629	1.41	ug/l	# 31
36) 1,1-Dichloropropene	5.568	75	5943	4.94	ug/l	# 46
38) Carbon Tetrachloride	5.555	117	7284	6.19	ug/l	# 15
43) Isopropyl Acetate	6.354	43	13132	5.44	ug/l	93
48) Methyl methacrylate	7.604	41	3894	3.50	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	46545	32.20	ug/l	# 41
54) cis-1,3-Dichloropropene	8.555	75	20313	12.76	ug/l	# 65
57) 1,3-Dichloropropane	9.488	76	11961	7.36	ug/l	# 43
59) 2-Hexanone	9.488	43	155262	142.82	ug/l	# 45
74) N-amyl acetate	10.768	43	798	0.44	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	30960	27.50	ug/l	# 38
80) 1,3,5-Trimethylbenzene	11.457	105	645	0.20	ug/l	83
81) trans-1,4-Dichloro-2-b...	11.085	75	30960	65.16	ug/l	# 12

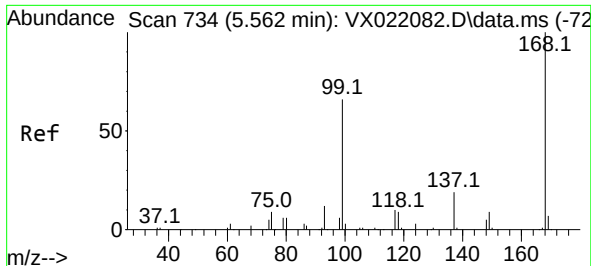
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
Data File : VX022391.D
Acq On : 04 Jun 2021 01:24
Operator : JC/MD
Sample : PB36780ZHE#06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#06

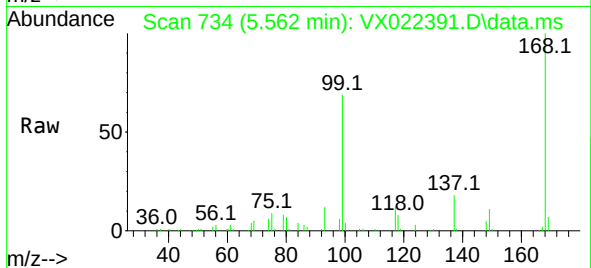
Quant Time: Jun 04 05:39:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



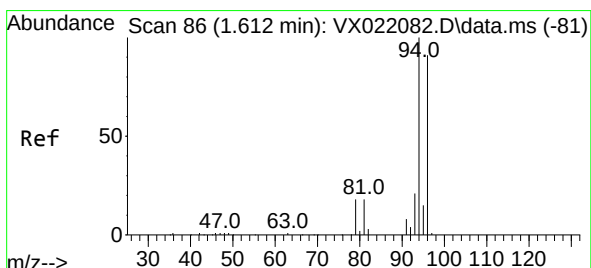
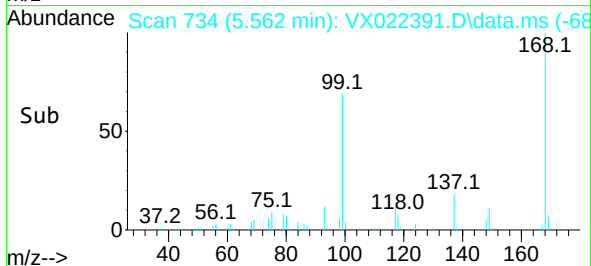
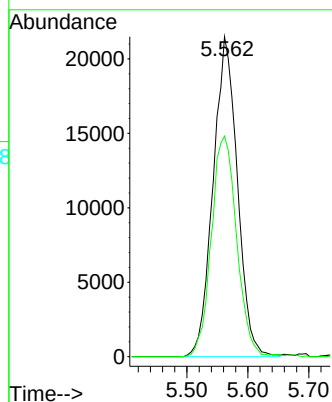


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#06

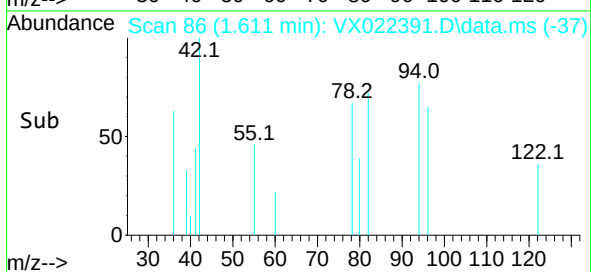
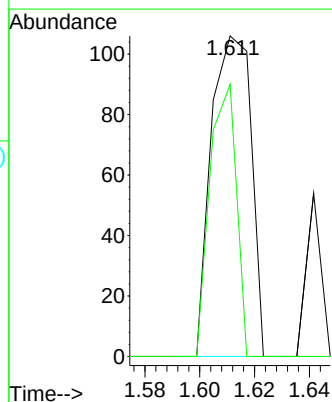
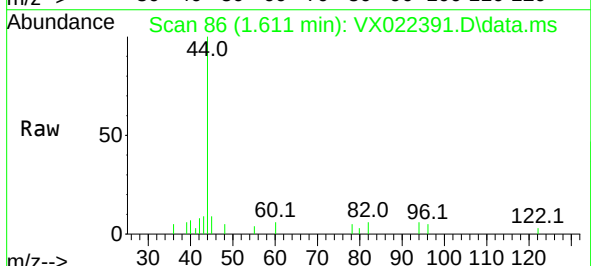


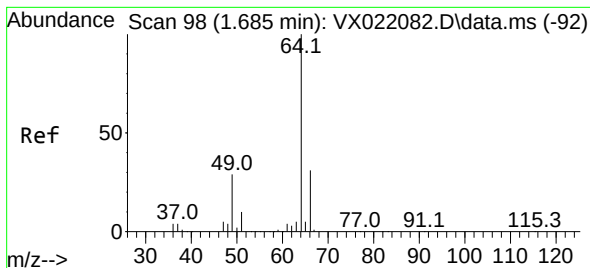
Tgt Ion:168 Resp: 59507
Ion Ratio Lower Upper
168 100
99 68.9 45.8 68.6#



#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.001 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

Tgt Ion: 94 Resp: 107
Ion Ratio Lower Upper
94 100
96 84.9 76.4 114.6

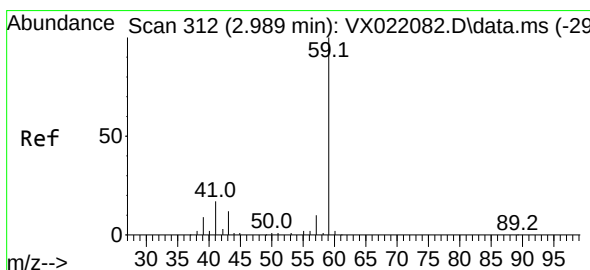
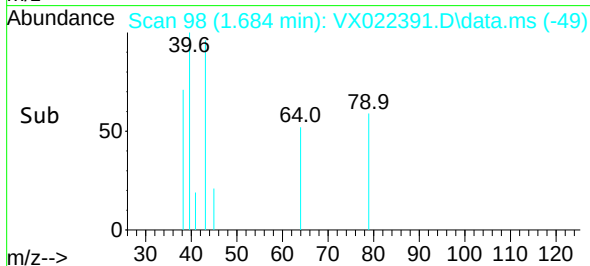
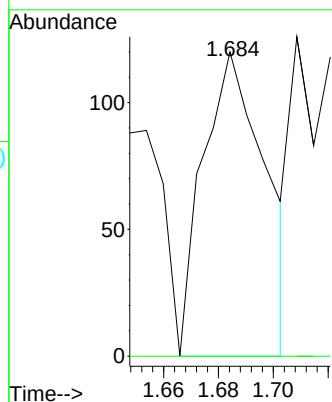
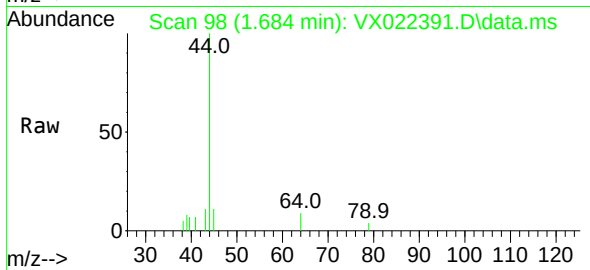




#6
Chloroethane
Concen: 0.38 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.001 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

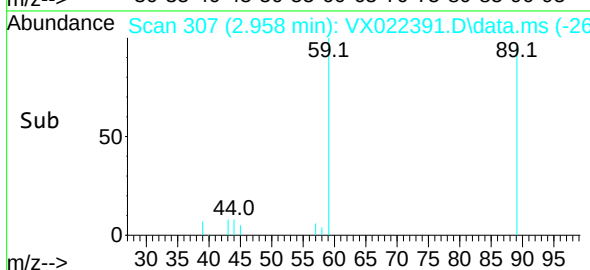
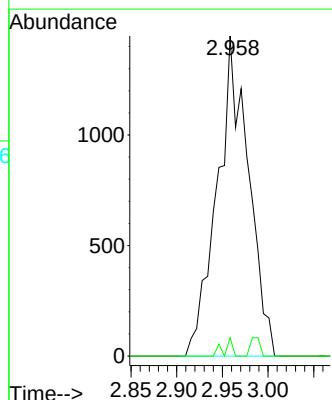
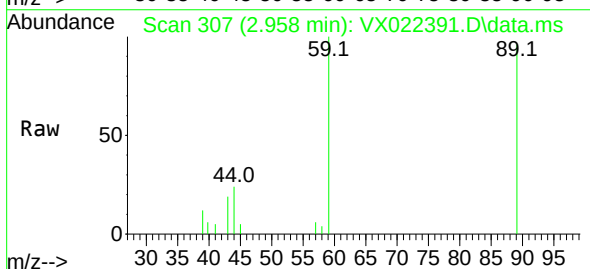
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#06

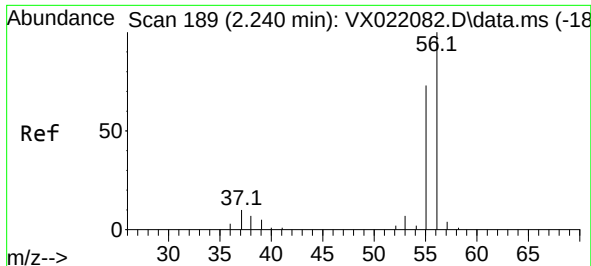
Tgt Ion: 64 Resp: 188
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 16.41 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.031 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

Tgt Ion: 59 Resp: 3446
Ion Ratio Lower Upper
59 100
57 1.5 7.8 11.8#

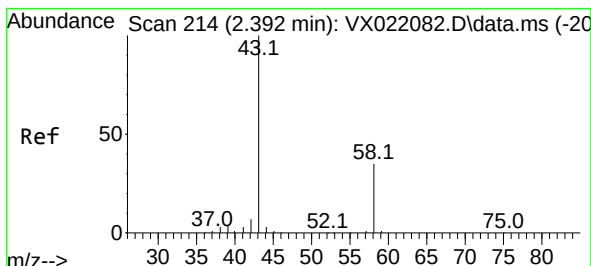
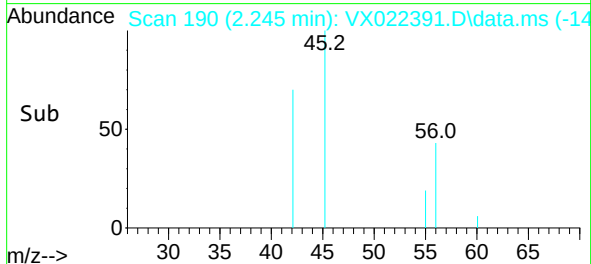
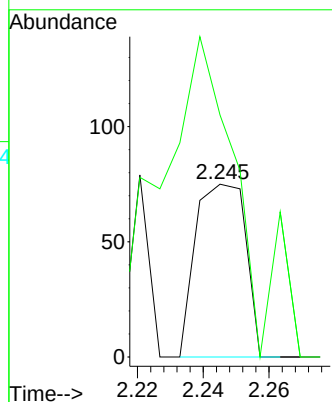
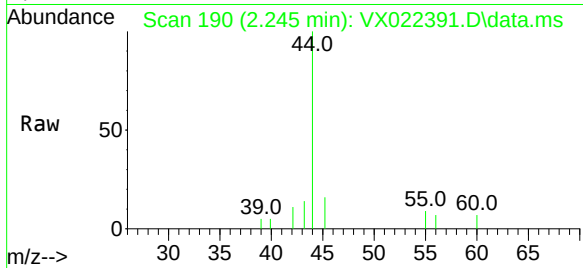




#13
Acrolein
Concen: 0.57 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.005 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

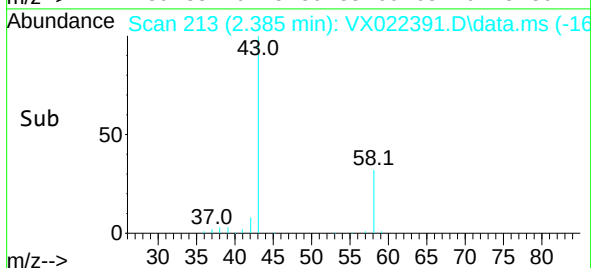
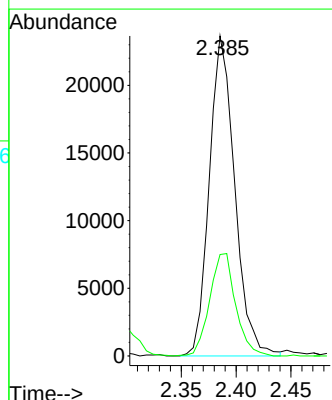
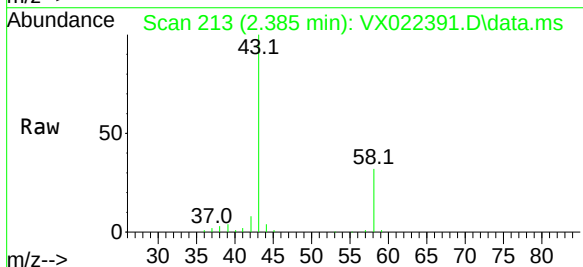
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#06

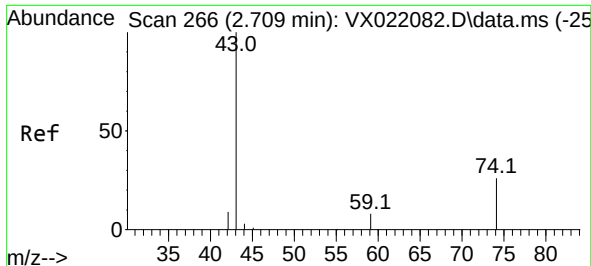
Tgt Ion: 56 Resp: 79
Ion Ratio Lower Upper
56 100
55 292.4 56.4 84.6#



#16
Acetone
Concen: 95.63 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

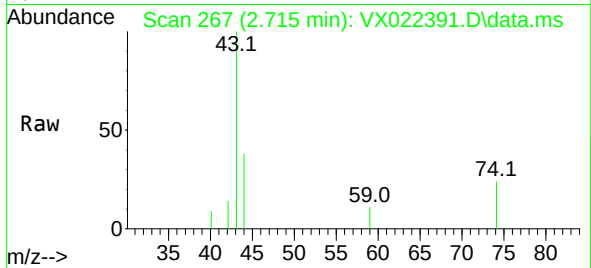
Tgt Ion: 43 Resp: 38222
Ion Ratio Lower Upper
43 100
58 31.7 27.8 41.8



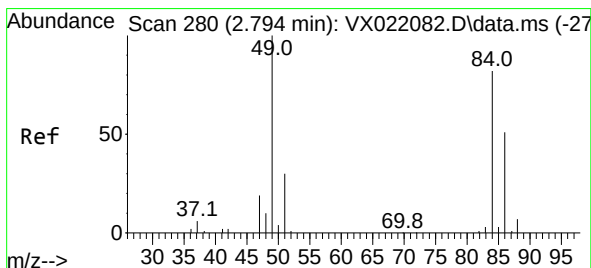
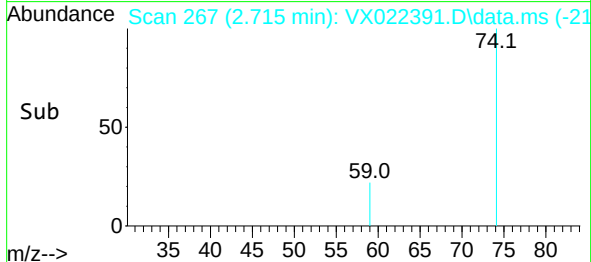
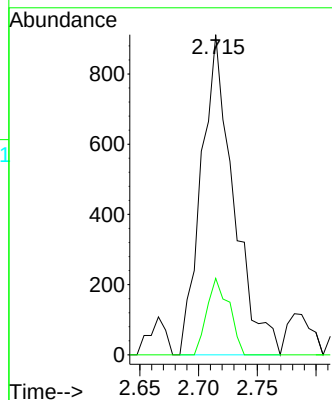


#18
Methyl Acetate
Concen: 1.64 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#06

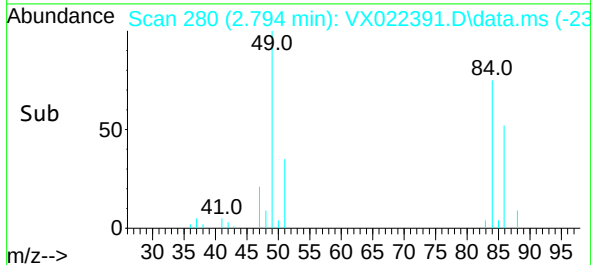
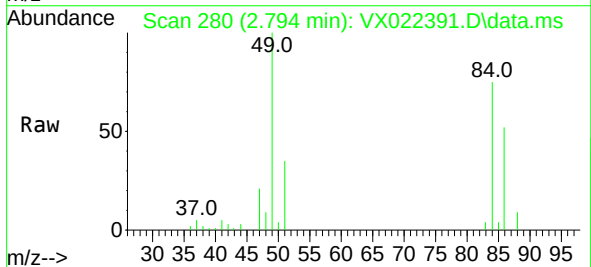
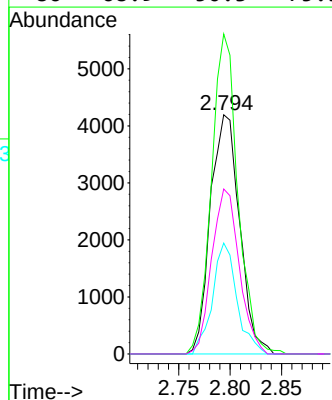


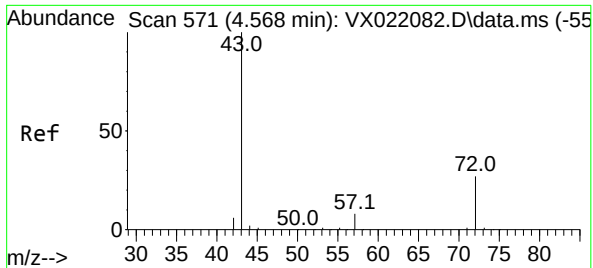
Tgt Ion: 43 Resp: 1747
Ion Ratio Lower Upper
43 100
74 16.4 21.9 32.9#



#20
Methylene Chloride
Concen: 9.32 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

Tgt Ion: 84 Resp: 8268
Ion Ratio Lower Upper
84 100
49 133.7 88.6 132.8#
51 46.4 27.0 40.6#
86 68.9 50.3 75.5

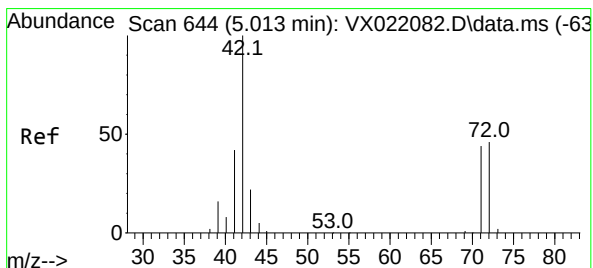
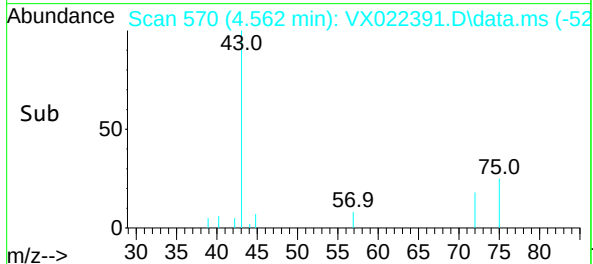
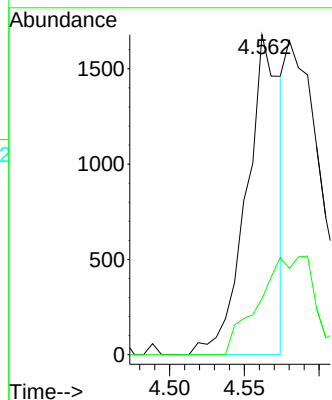
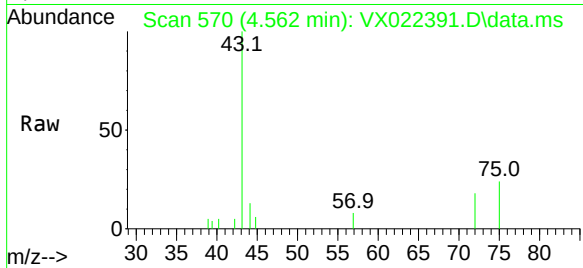




#25
2-Butanone
Concen: 4.07 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

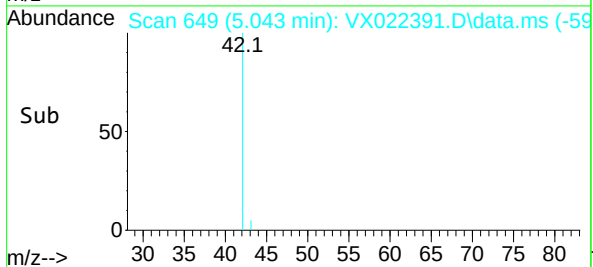
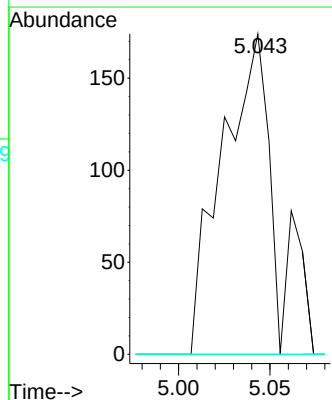
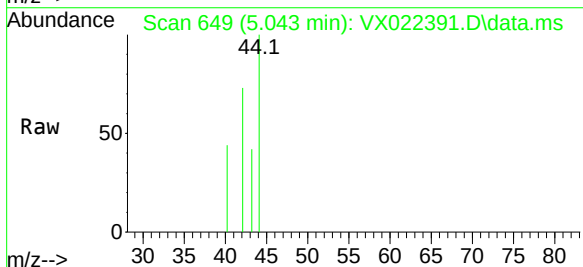
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#06

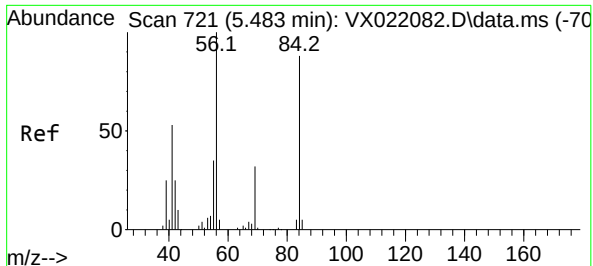
Tgt Ion: 43 Resp: 2632
Ion Ratio Lower Upper
43 100
72 17.5 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.79 ug/l
RT: 5.043 min Scan# 649
Delta R.T. 0.030 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

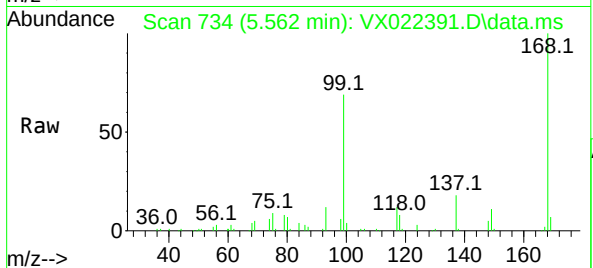
Tgt Ion: 42 Resp: 304
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 0.0 38.4 57.6#



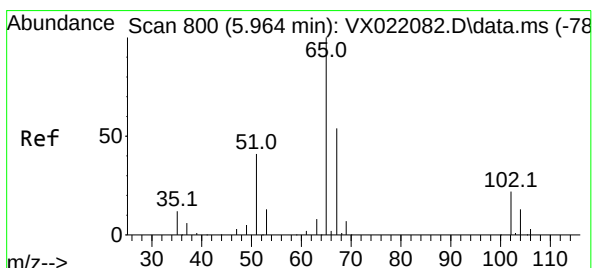
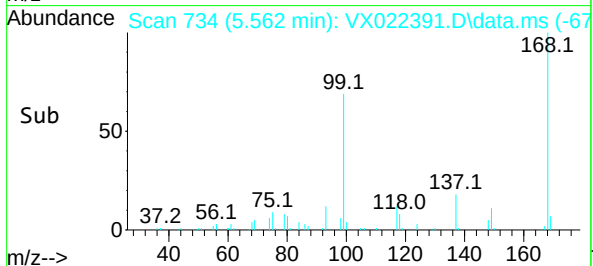
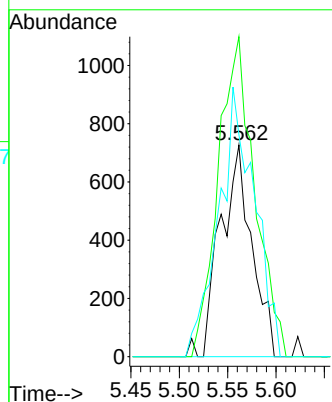


#31
Cyclohexane
Concen: 1.41 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#06

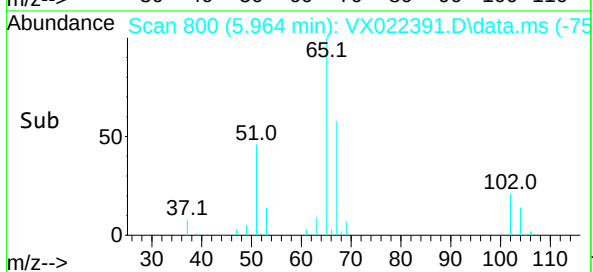
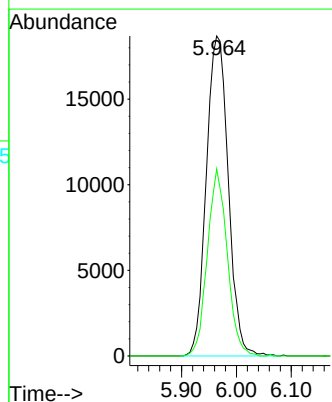
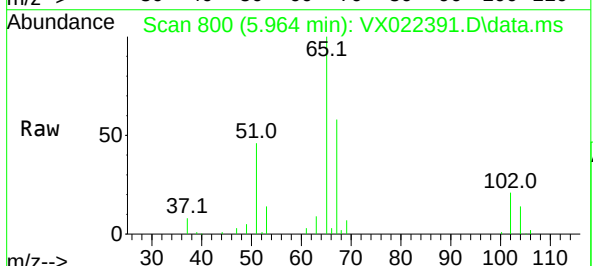


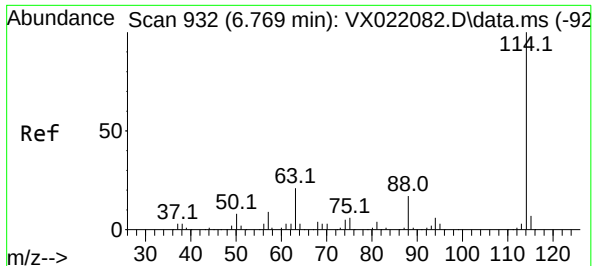
Tgt Ion: 56 Resp: 1629
Ion Ratio Lower Upper
56 100
69 151.2 25.3 37.9#
84 104.8 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 56.58 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

Tgt Ion: 65 Resp: 51936
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

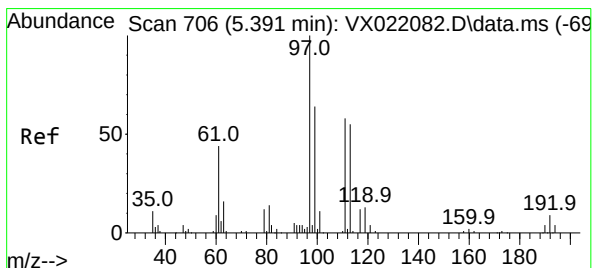
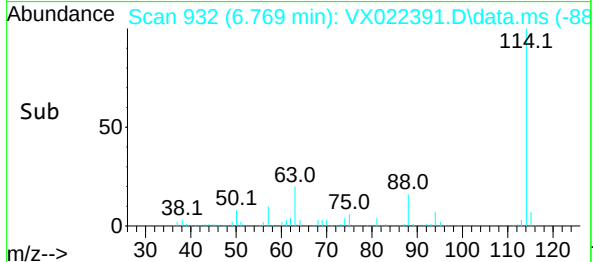
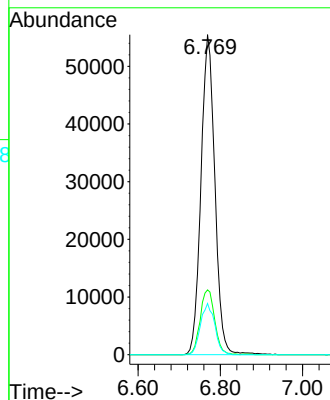
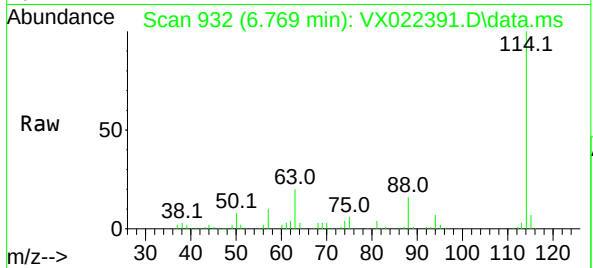




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

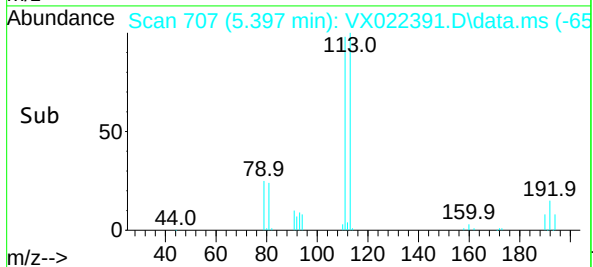
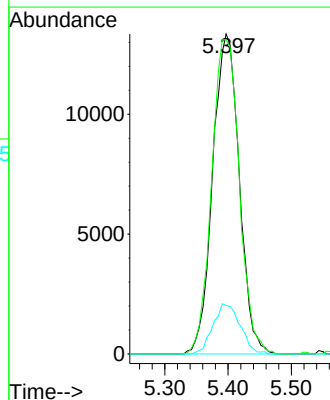
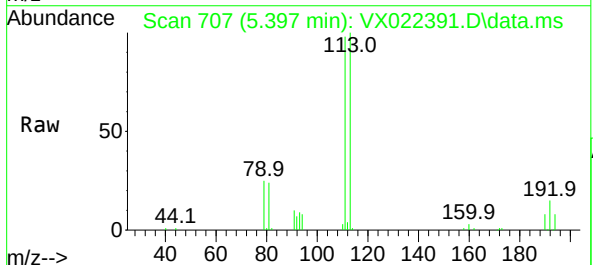
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#06

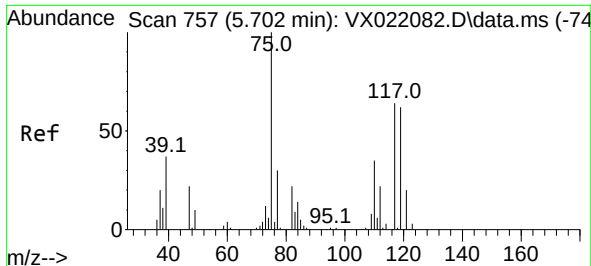
Tgt Ion:114 Resp: 130149
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.08 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

Tgt Ion:113 Resp: 38860
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 16.0 16.7 25.1#

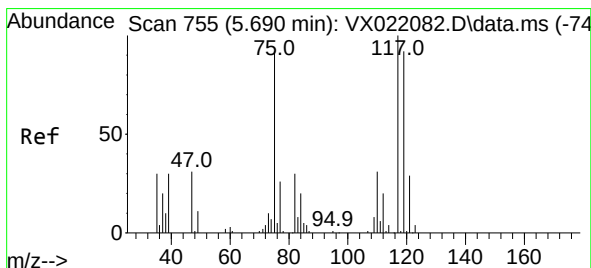
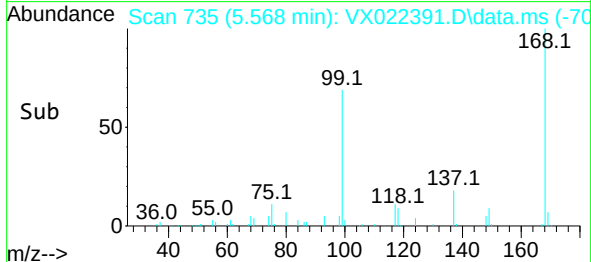
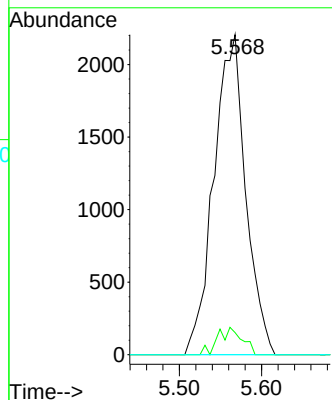
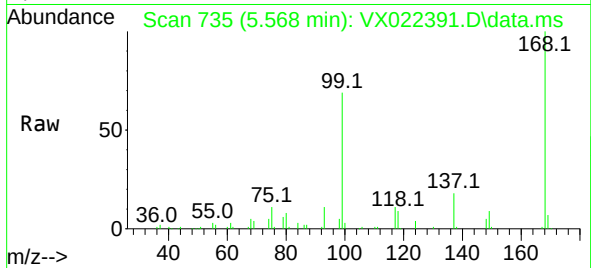




#36
1,1-Dichloropropene
Concen: 4.94 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

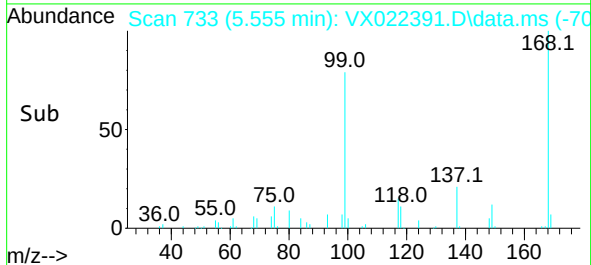
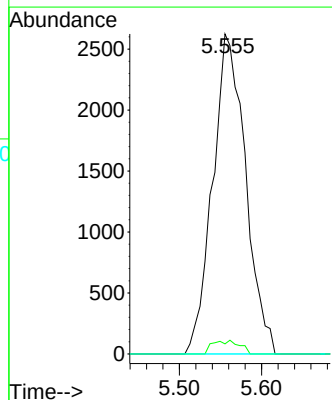
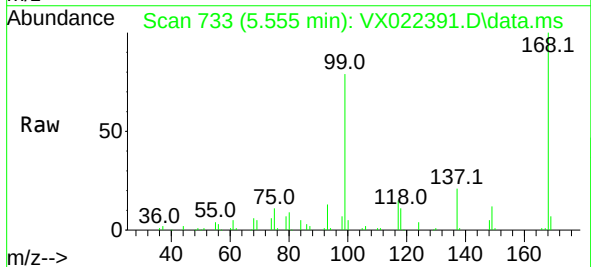
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#06

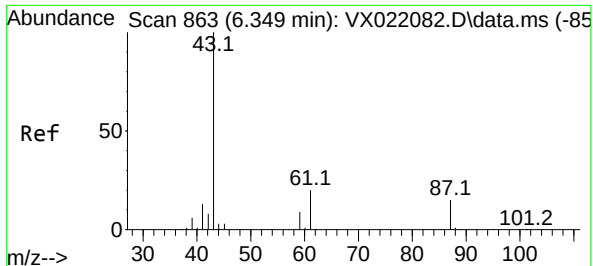
Tgt Ion: 75 Resp: 5943
Ion Ratio Lower Upper
75 100
110 6.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.19 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.135 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

Tgt Ion: 117 Resp: 7284
Ion Ratio Lower Upper
117 100
119 3.2 76.2 114.2#
121 0.0 24.8 37.2#

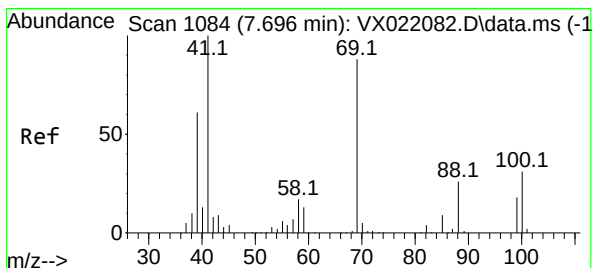
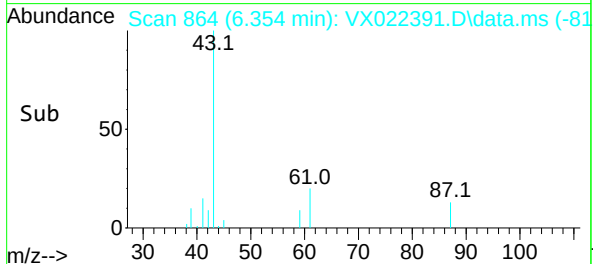
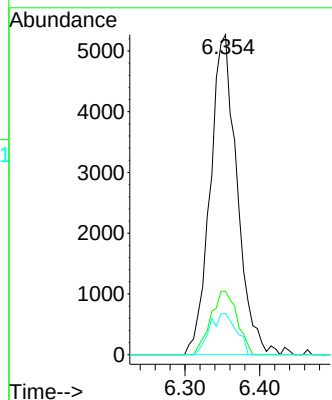
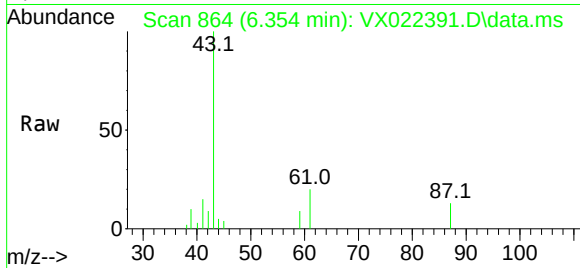




#43
Isopropyl Acetate
Concen: 5.44 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.005 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

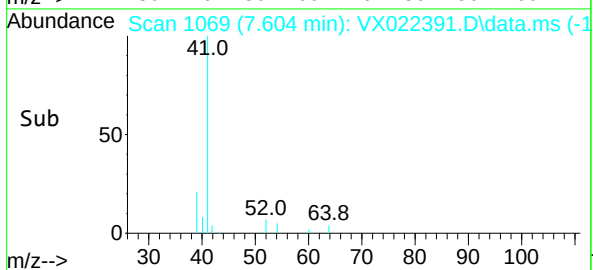
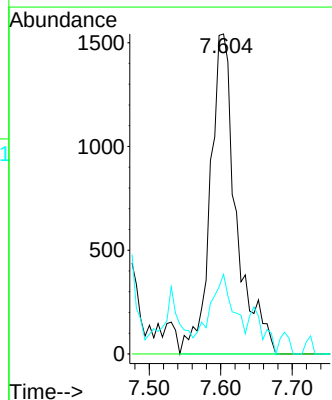
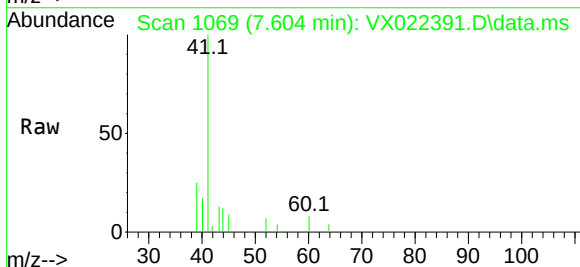
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#06

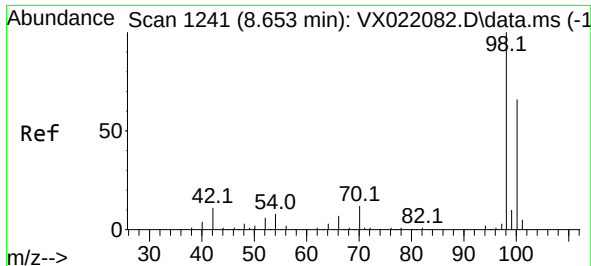
Tgt Ion:	43	Resp:	13132
Ion	Ratio	Lower	Upper
43	100		
61	19.5	18.2	27.4
87	12.8	12.5	18.7



#48
Methyl methacrylate
Concen: 3.50 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

Tgt Ion:	41	Resp:	3894
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

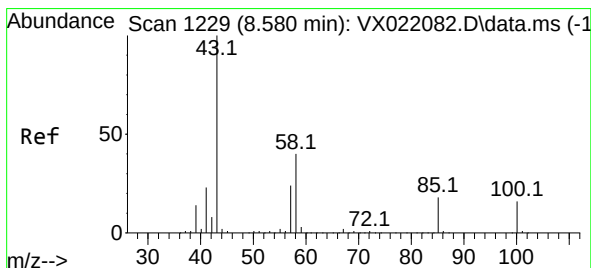
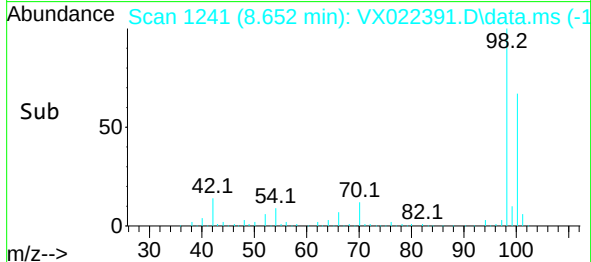
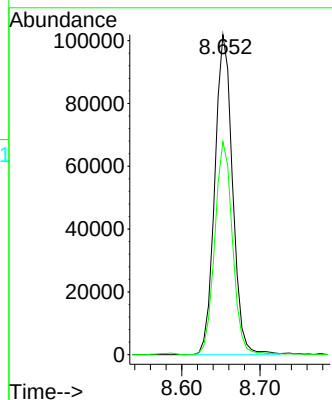
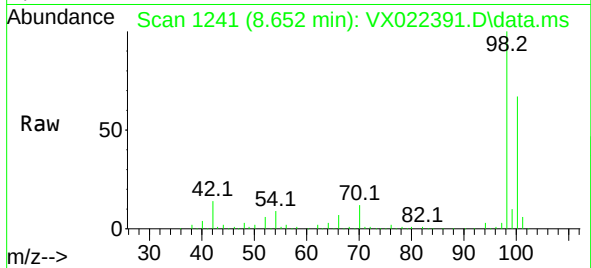




#50
Toluene-d8
Concen: 50.45 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

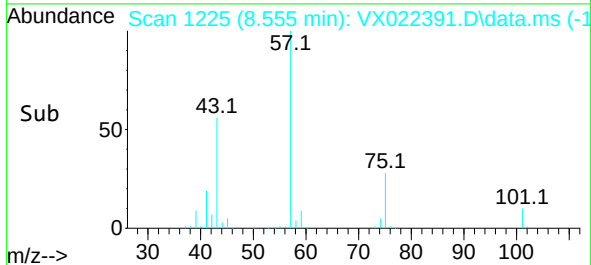
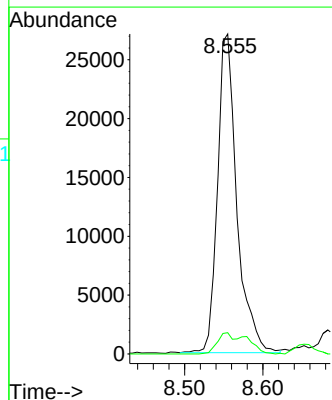
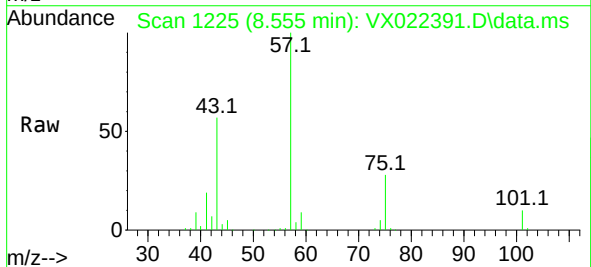
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#06

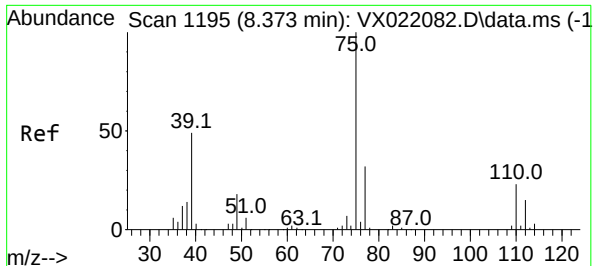
Tgt Ion: 98 Resp: 160403
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 32.20 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

Tgt Ion: 43 Resp: 46545
Ion Ratio Lower Upper
43 100
58 6.2 35.4 53.0#

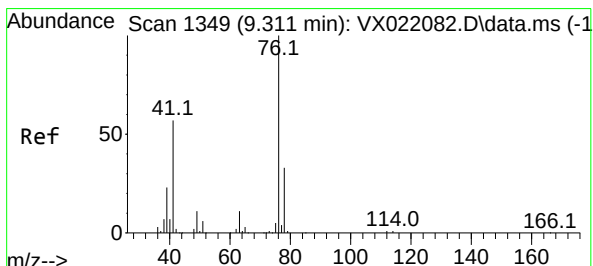
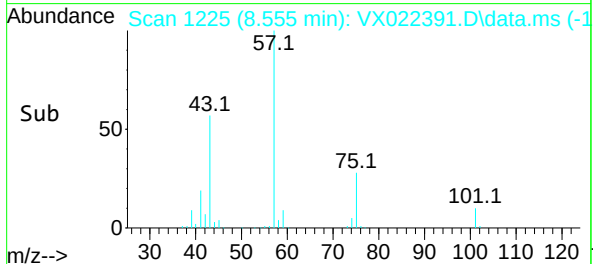
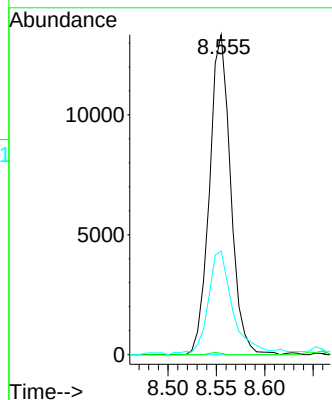
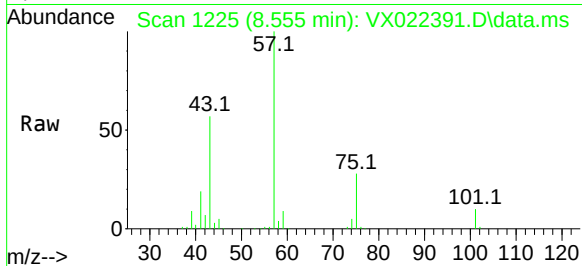




#54
cis-1,3-Dichloropropene
Concen: 12.76 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

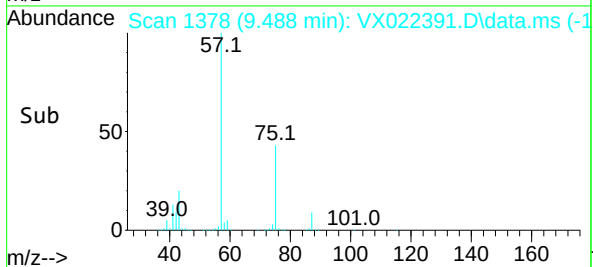
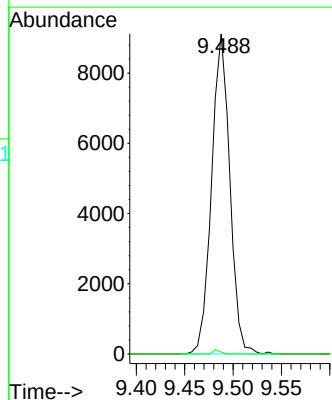
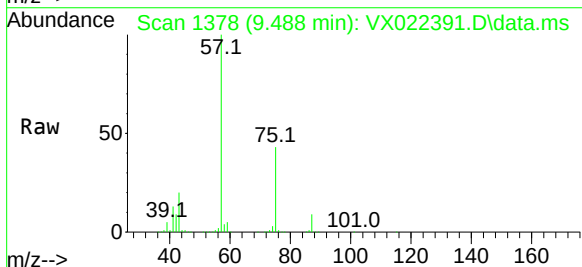
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#06

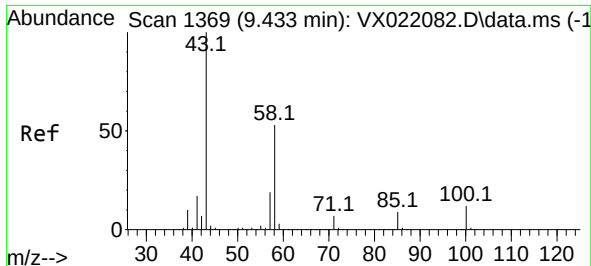
Tgt Ion: 75 Resp: 20313
Ion Ratio Lower Upper
75 100
77 0.4 25.7 38.5#
39 31.8 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 7.36 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

Tgt Ion: 76 Resp: 11961
Ion Ratio Lower Upper
76 100
78 0.5 26.2 39.2#

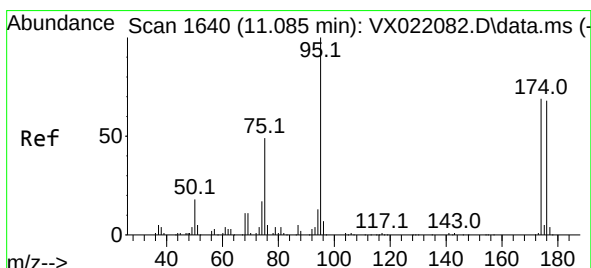
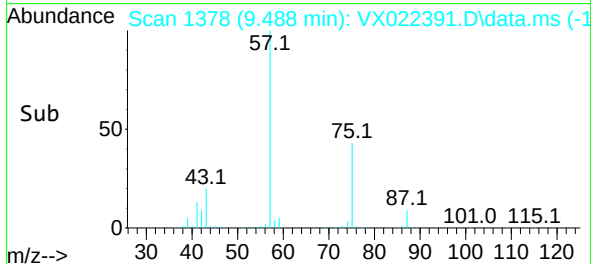
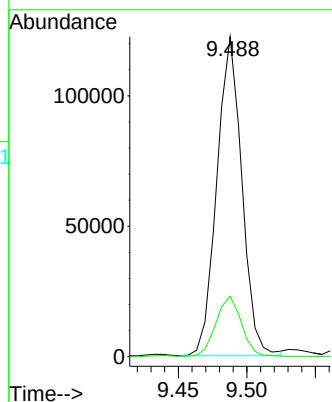
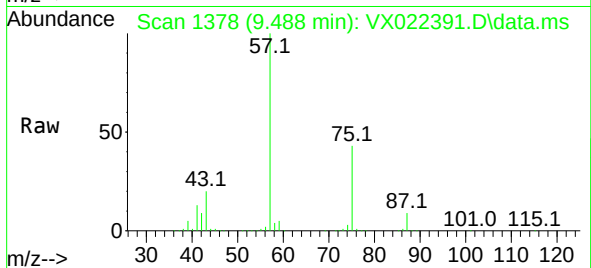




#59
2-Hexanone
Concen: 142.82 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

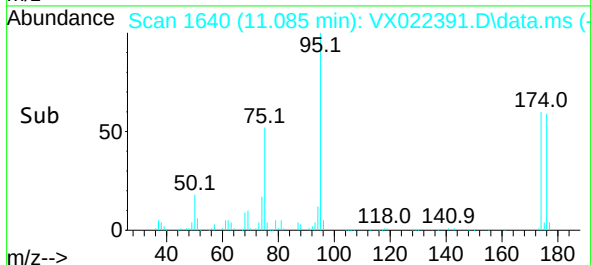
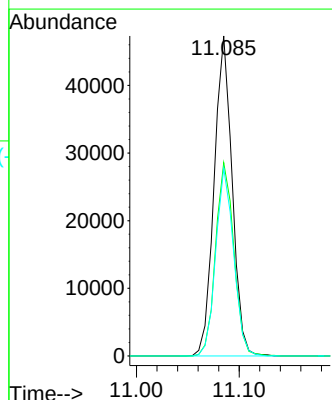
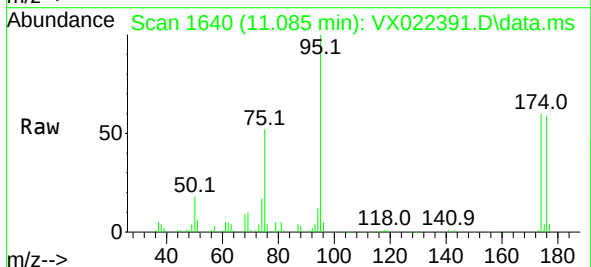
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#06

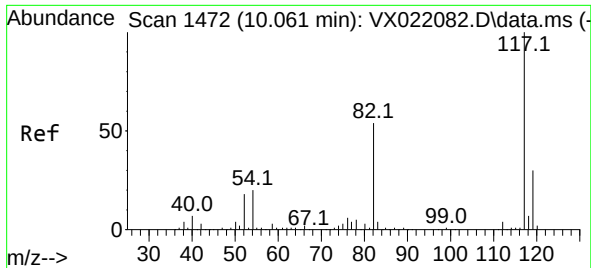
Tgt Ion: 43 Resp: 155262
Ion Ratio Lower Upper
43 100
58 19.3 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 48.87 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

Tgt Ion: 95 Resp: 57434
Ion Ratio Lower Upper
95 100
174 61.2 0.0 154.6
176 58.4 0.0 155.8

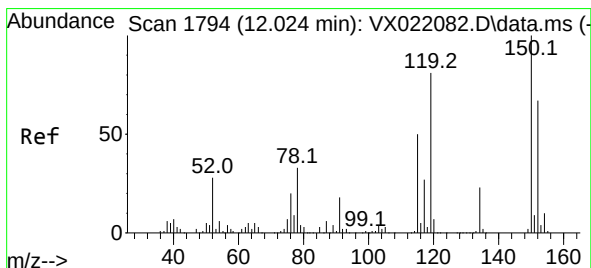
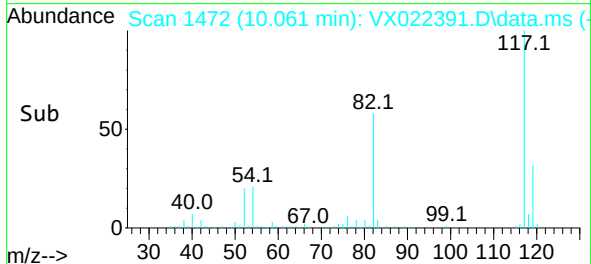
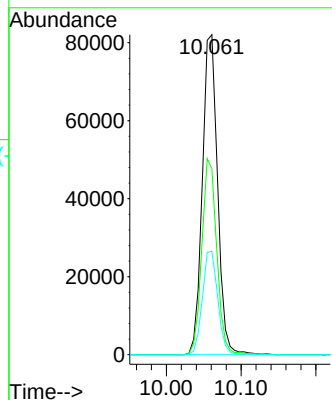
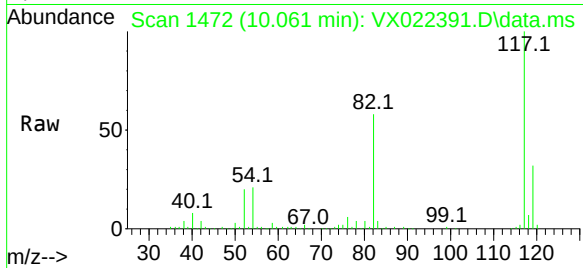




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

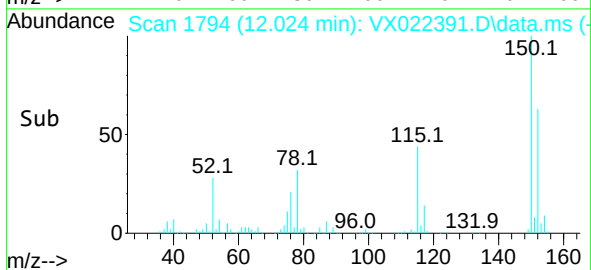
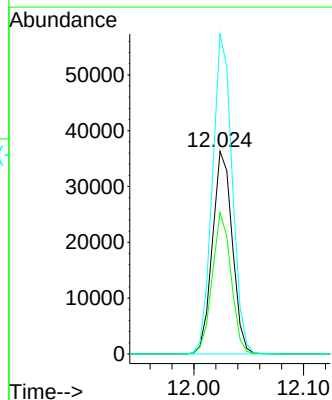
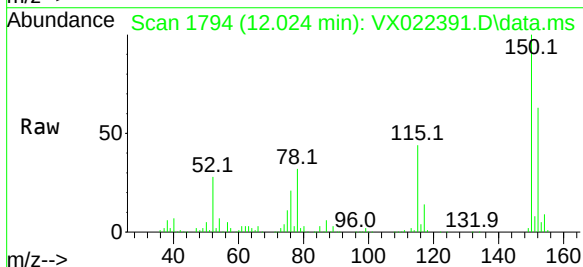
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#06

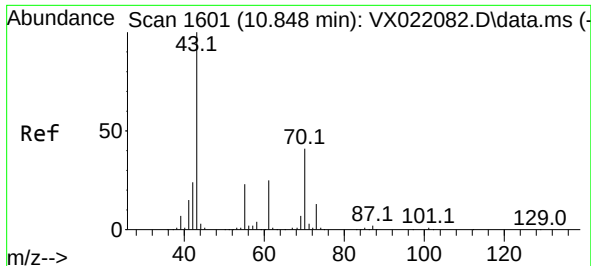
Tgt Ion:117 Resp: 116246
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

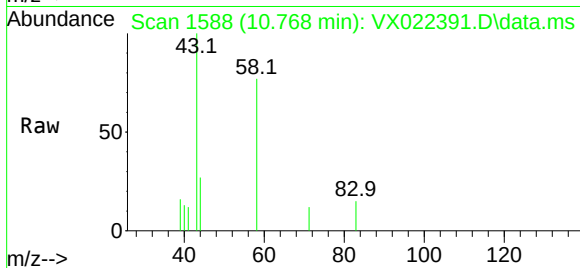
Tgt Ion:152 Resp: 45632
Ion Ratio Lower Upper
152 100
115 66.1 41.1 123.3
150 157.2 0.0 349.0



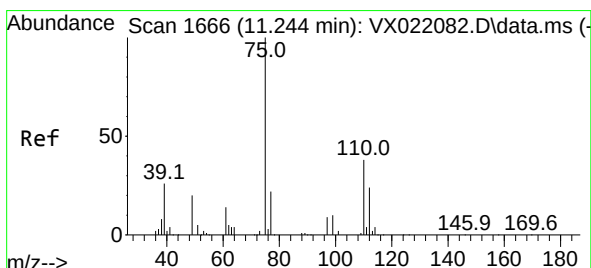
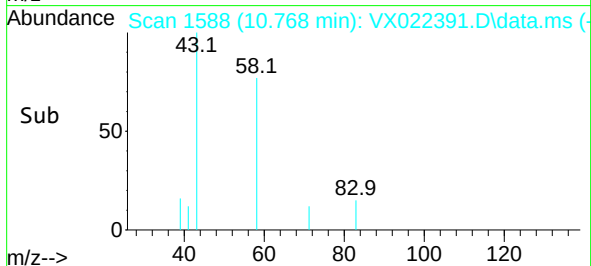
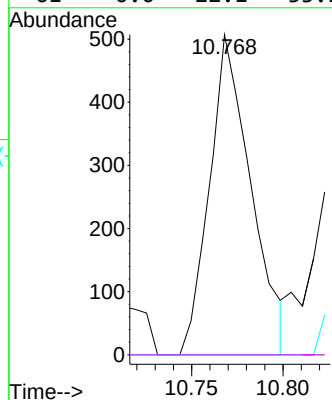


#74
N-amy1 acetate
Concen: 0.44 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#06

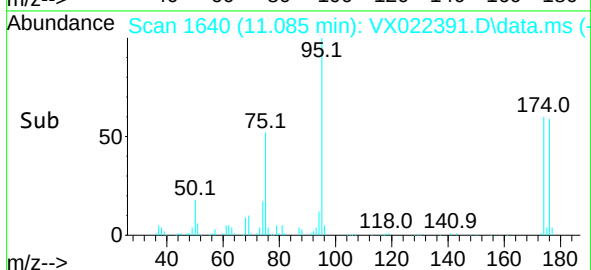
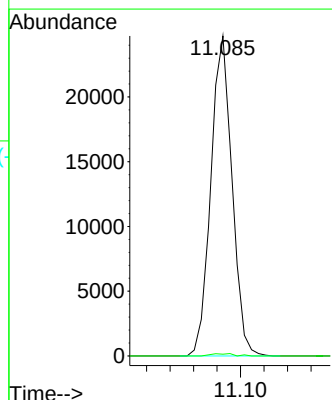
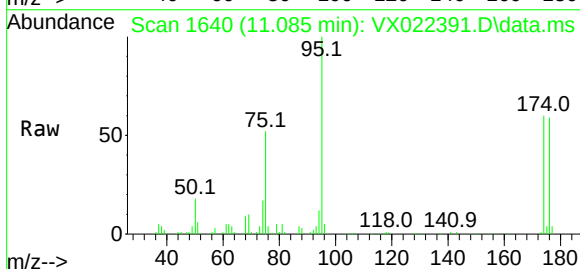


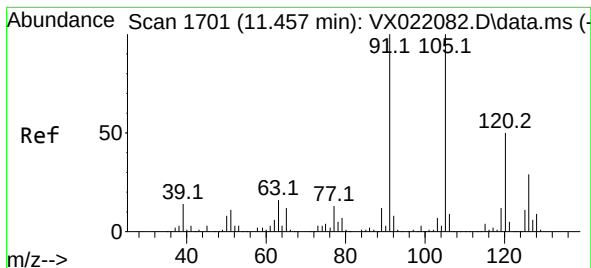
Tgt Ion: 43	Resp: 798
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.6#
55	0.0 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 27.50 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

Tgt Ion: 75	Resp: 30960
Ion Ratio	Lower Upper
75	100
77	0.8 19.1 57.5#

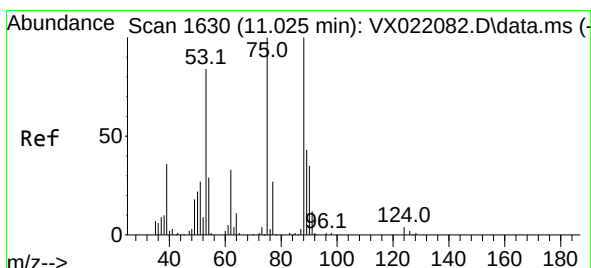
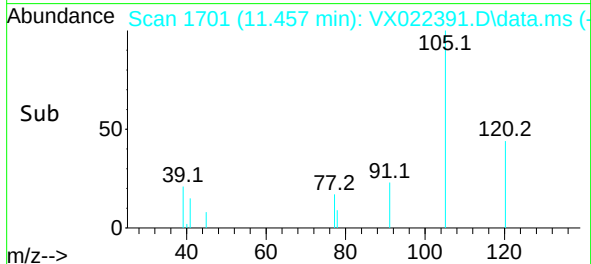
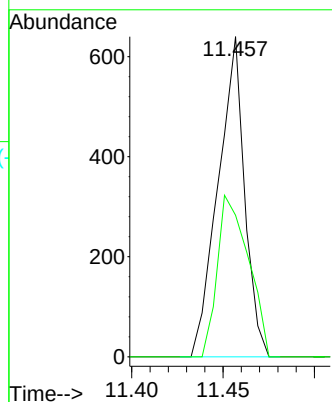
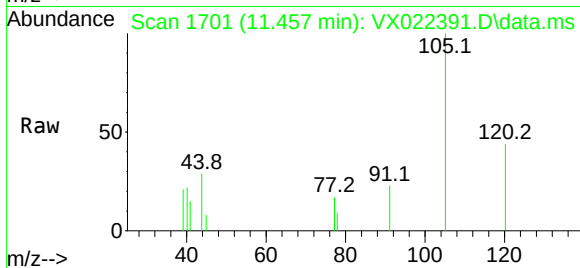




#80
1,3,5-Trimethylbenzene
Concen: 0.20 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#06

Tgt Ion:105 Resp: 645
Ion Ratio Lower Upper
105 100
120 59.2 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 65.16 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022391.D
Acq: 04 Jun 2021 01:24

Tgt Ion: 75 Resp: 30960
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

