

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022499.D
 Acq On : 06 Jun 2021 23:38
 Operator : JC/MD
 Sample : PB136829ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136829ZHE#08

Quant Time: Jun 07 04:29:48 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)

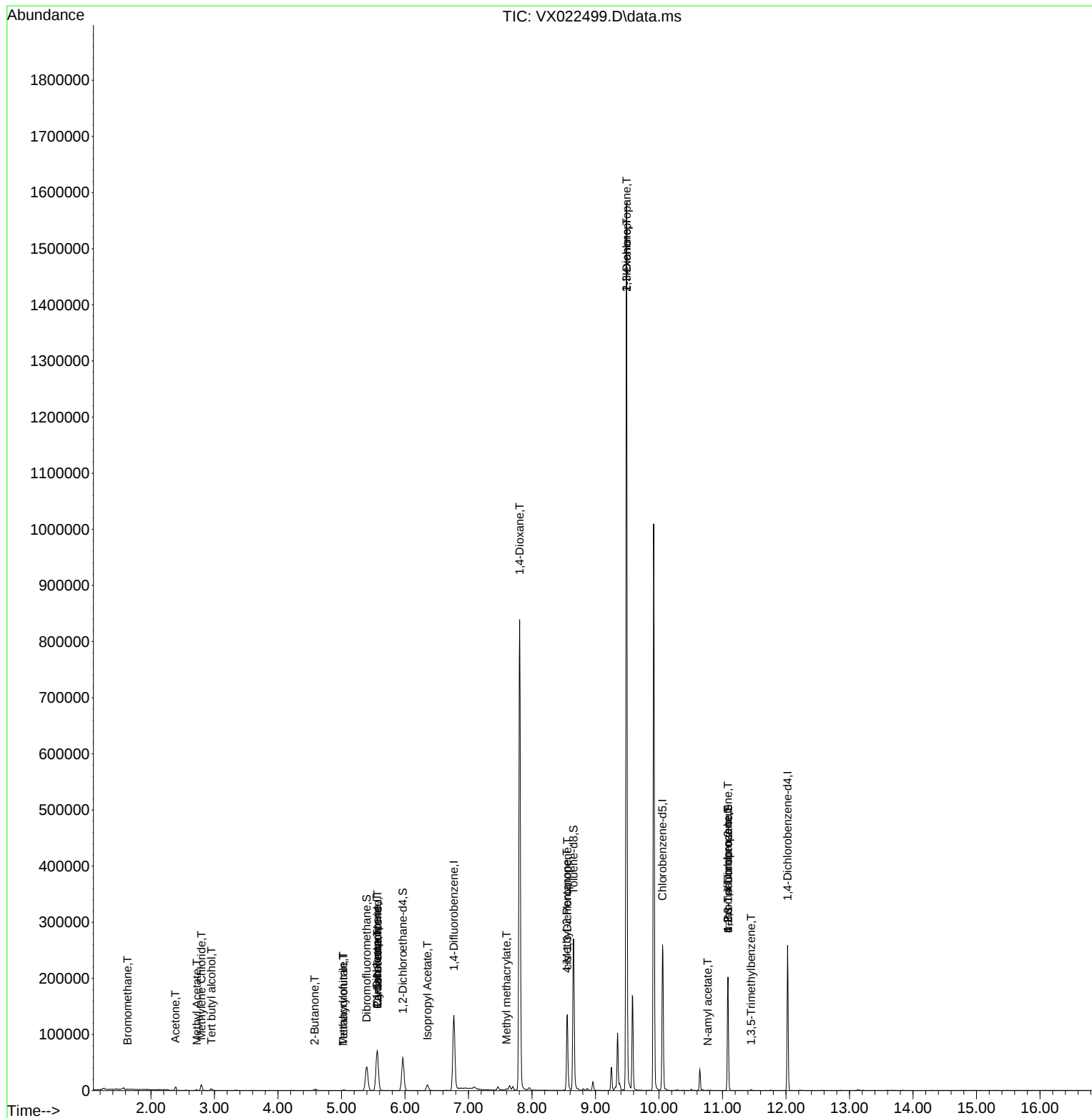
Internal Standards						
1) Pentafluorobenzene	5.568	168	59942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	124459	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51112	55.277	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.560%			
35) Dibromofluoromethane	5.397	113	36635	46.417	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.840%			
50) Toluene-d8	8.653	98	154707	50.885	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.780%			
62) 4-Bromofluorobenzene	11.085	95	54029	48.079	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.160%			
Target Compounds					Qvalue	
5) Bromomethane	1.630	94	120	0.247	ug/l #	2
11) Tert butyl alcohol	2.953	59	1846	8.729	ug/l #	73
16) Acetone	2.386	43	6384	15.856	ug/l	92
18) Methyl Acetate	2.721	43	1788	1.670	ug/l	89
20) Methylene Chloride	2.794	84	4520	5.056	ug/l	87
25) 2-Butanone	4.574	43	1948	2.991	ug/l #	86
29) Tetrahydrofuran	5.026	42	368	0.949	ug/l #	75
31) Cyclohexane	5.562	56	1838	1.582	ug/l #	47
36) 1,1-Dichloropropene	5.556	75	5839	5.074	ug/l #	47
38) Carbon Tetrachloride	5.568	117	6735	5.982	ug/l #	18
41) Methacrylonitrile	5.026	41	363	0.481	ug/l #	29
43) Isopropyl Acetate	6.355	43	13978	6.057	ug/l	92
48) Methyl methacrylate	7.598	41	3944	3.709	ug/l #	10
49) 1,4-Dioxane	7.806	88	30	1.449	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	49320	35.681	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	22514	14.794	ug/l #	66
57) 1,3-Dichloropropane	9.488	76	13434	8.643	ug/l #	42
59) 2-Hexanone	9.488	43	179918	173.063	ug/l #	44
74) N-amyl acetate	10.768	43	565	0.318	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	28933	26.552	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	788	0.254	ug/l	84
81) trans-1,4-Dichloro-2-b...	11.085	75	28933	62.912	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
Data File : VX022499.D
Acq On : 06 Jun 2021 23:38
Operator : JC/MD
Sample : PB136829ZHE#08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#08

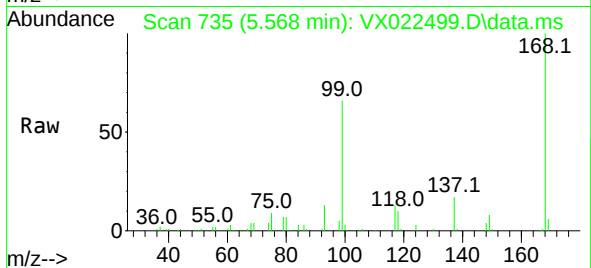
Quant Time: Jun 07 04:29:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



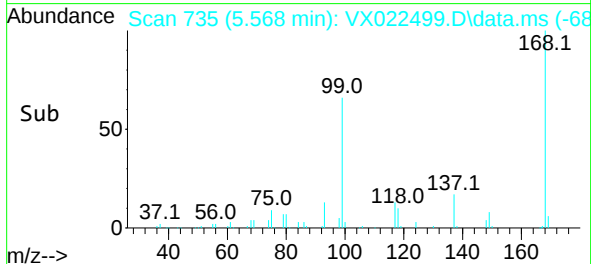
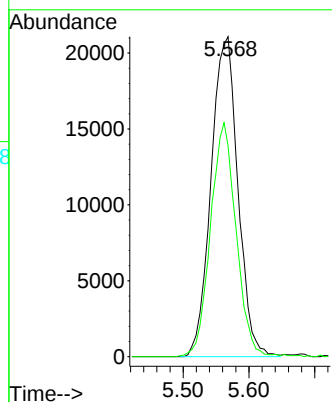


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#08

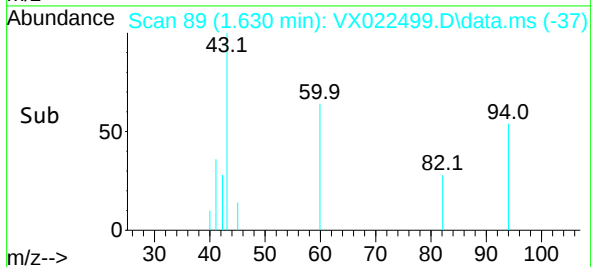
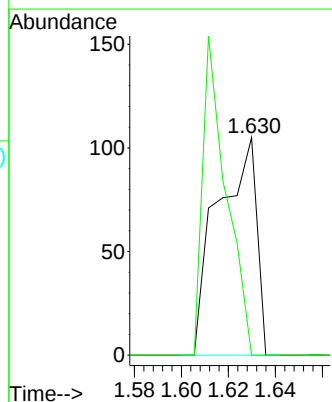
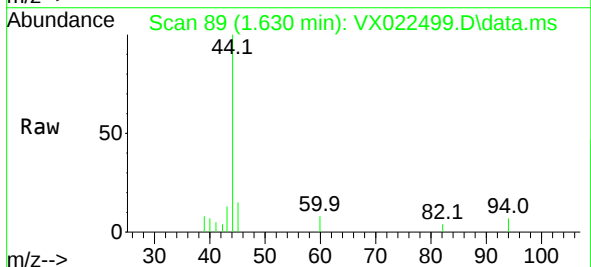


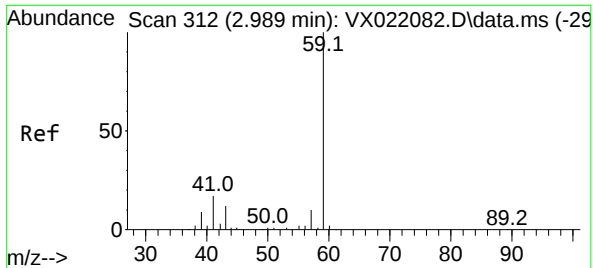
Tgt Ion:168 Resp: 59942
Ion Ratio Lower Upper
168 100
99 65.7 45.8 68.6



#5
Bromomethane
Concen: 0.247 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.018 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

Tgt Ion: 94 Resp: 120
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



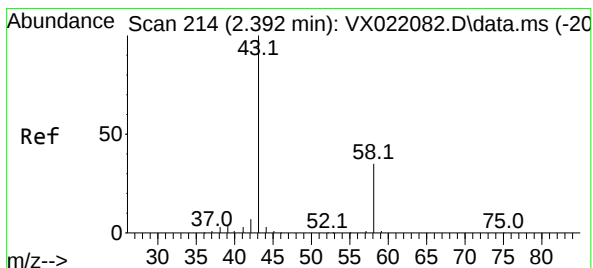
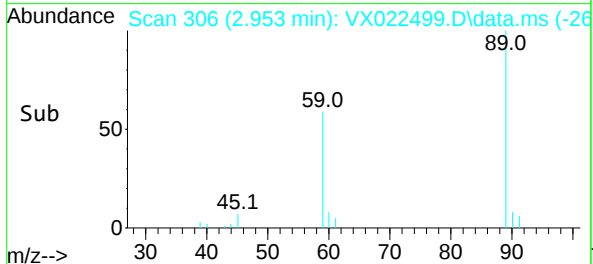
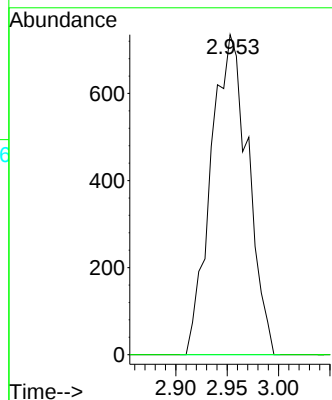
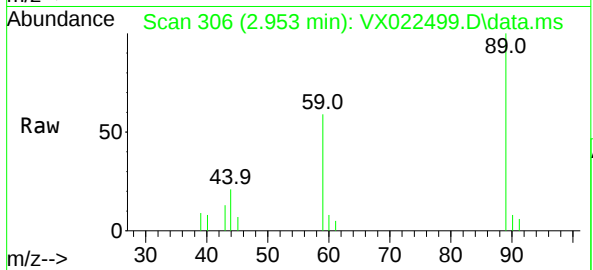


#11

Tert butyl alcohol
Concen: 8.729 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#08

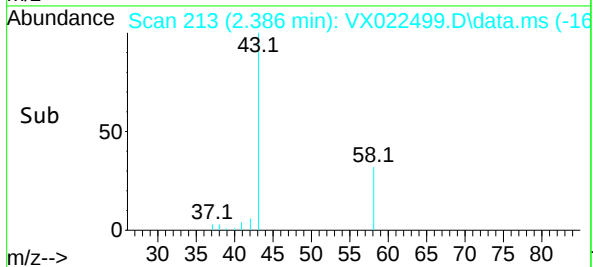
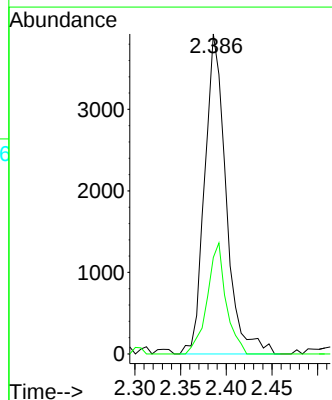
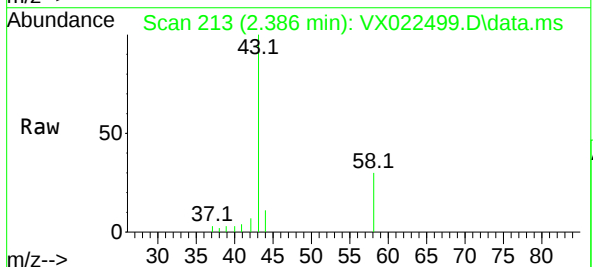
Tgt Ion: 59 Resp: 1846
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

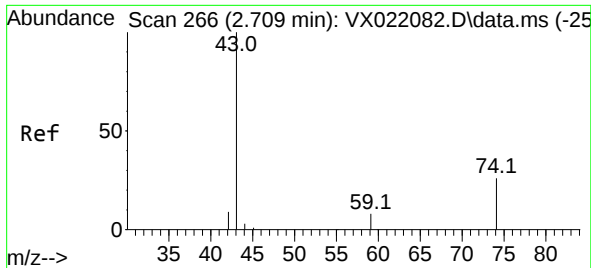


#16

Acetone
Concen: 15.856 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

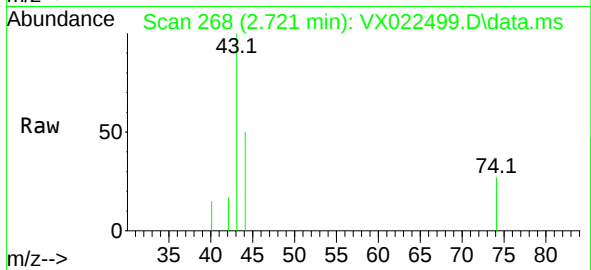
Tgt Ion: 43 Resp: 6384
Ion Ratio Lower Upper
43 100
58 30.1 27.8 41.8



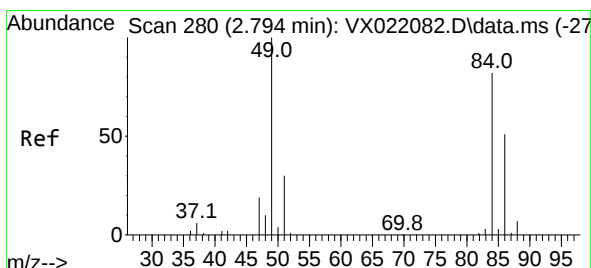
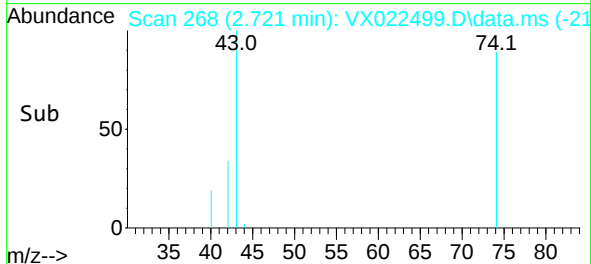
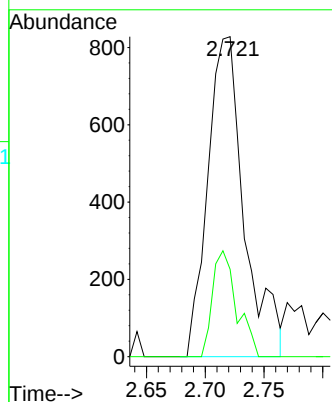


#18
Methyl Acetate
Concen: 1.670 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#08

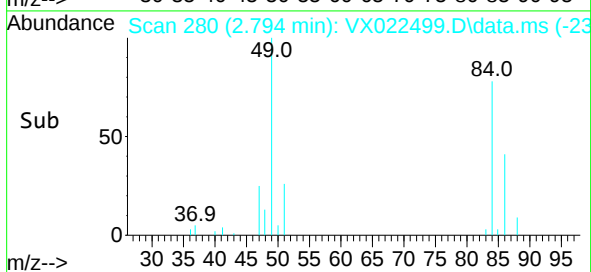
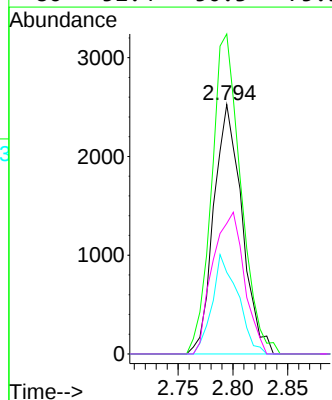
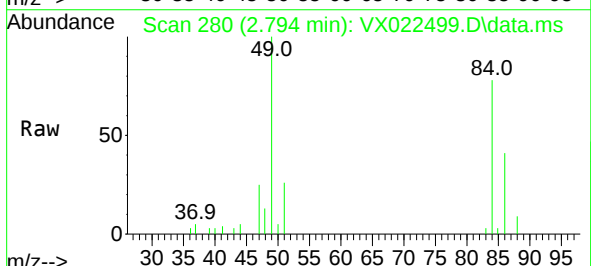


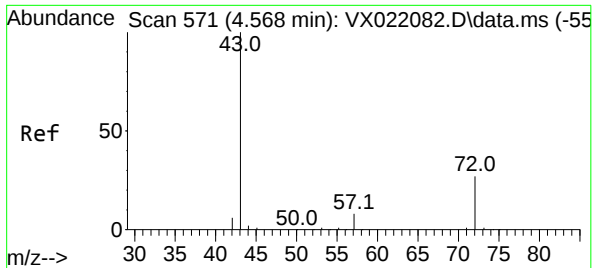
Tgt Ion: 43 Resp: 1788
Ion Ratio Lower Upper
43 100
74 21.9 21.9 32.9



#20
Methylene Chloride
Concen: 5.056 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

Tgt Ion: 84 Resp: 4520
Ion Ratio Lower Upper
84 100
49 128.3 88.6 132.8
51 32.8 27.0 40.6
86 52.4 50.3 75.5

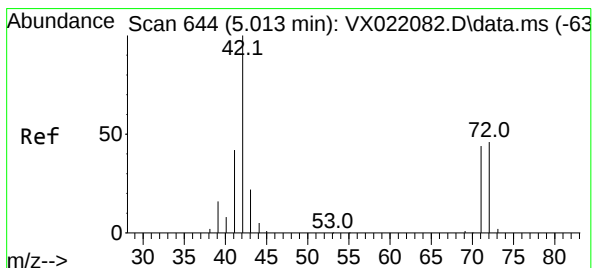
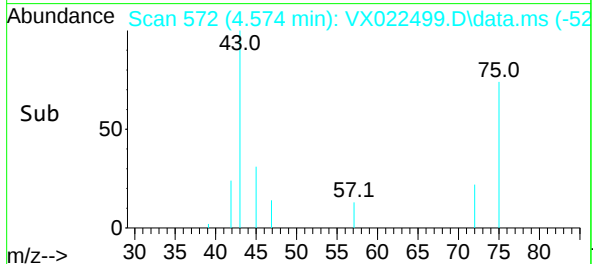
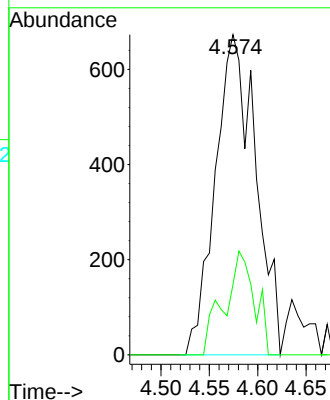
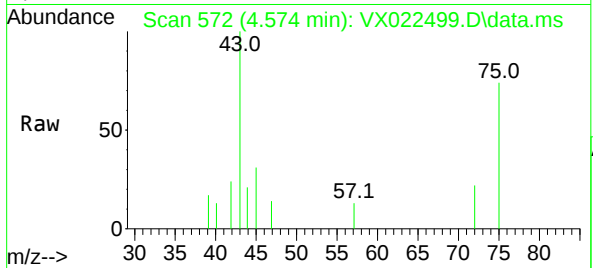




#25
2-Butanone
Concen: 2.991 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

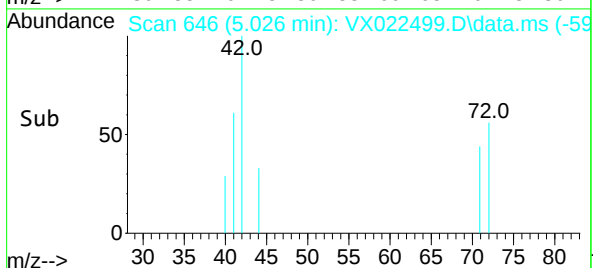
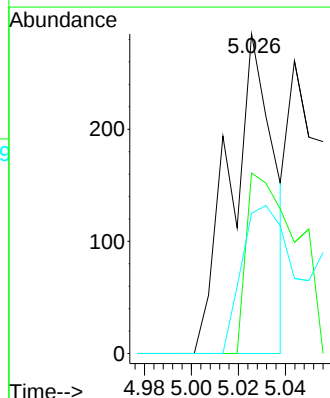
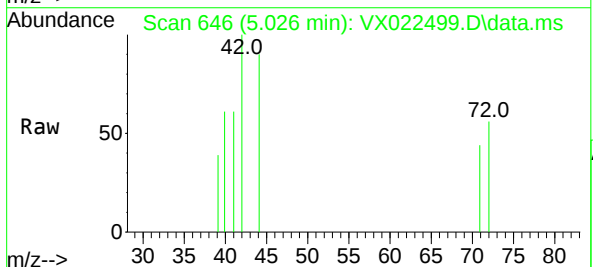
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#08

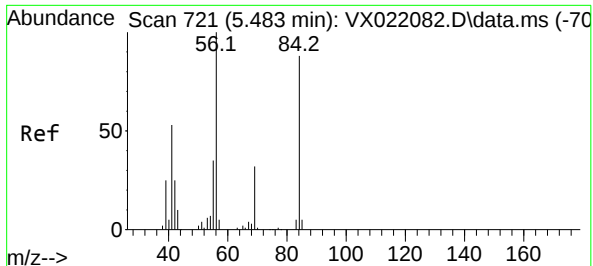
Tgt Ion: 43 Resp: 1948
Ion Ratio Lower Upper
43 100
72 22.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.949 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.013 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

Tgt Ion: 42 Resp: 368
Ion Ratio Lower Upper
42 100
72 64.9 41.7 62.5#
71 70.4 38.4 57.6#

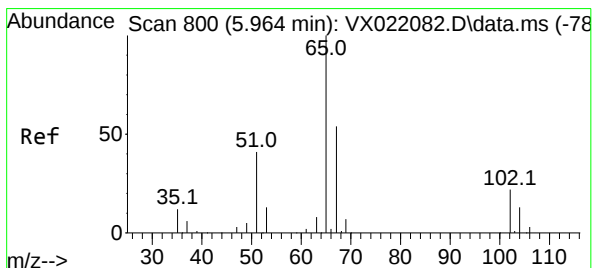
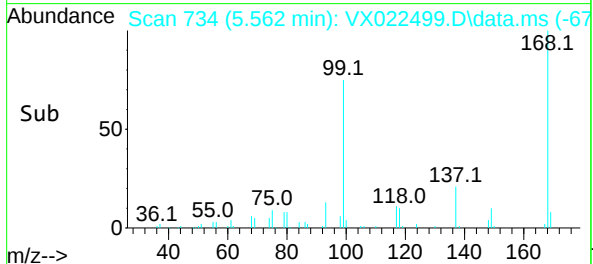
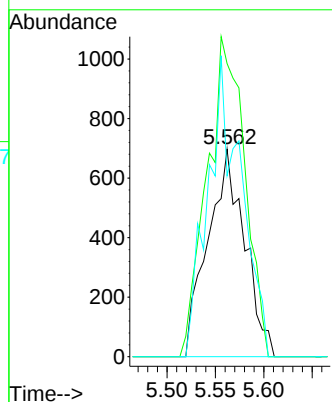
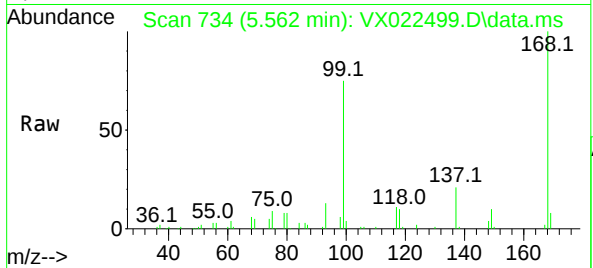




#31
Cyclohexane
Concen: 1.582 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

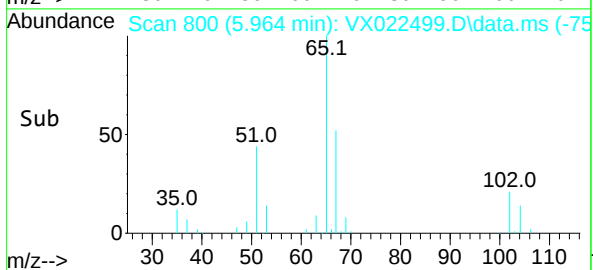
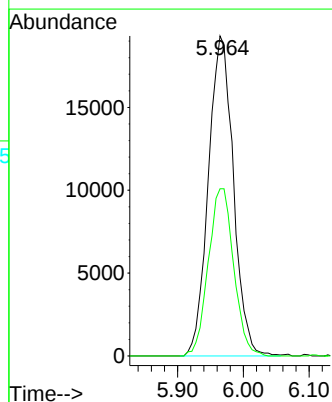
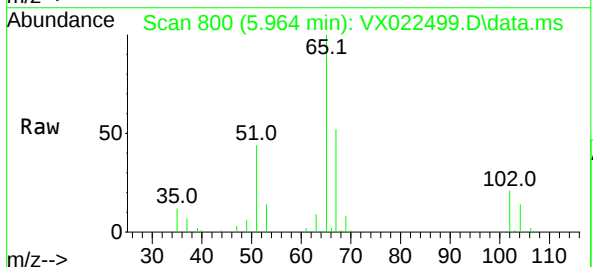
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#08

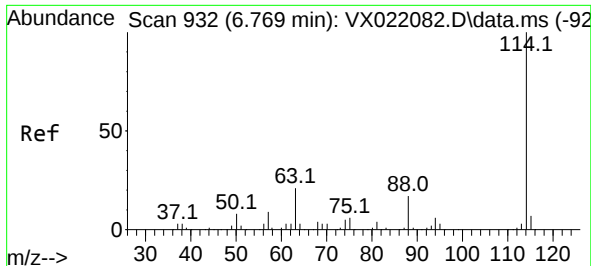
Tgt Ion: 56 Resp: 1838
Ion Ratio Lower Upper
56 100
69 141.3 25.3 37.9#
84 87.2 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 55.277 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

Tgt Ion: 65 Resp: 51112
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

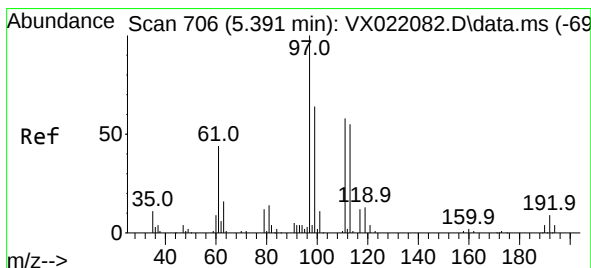
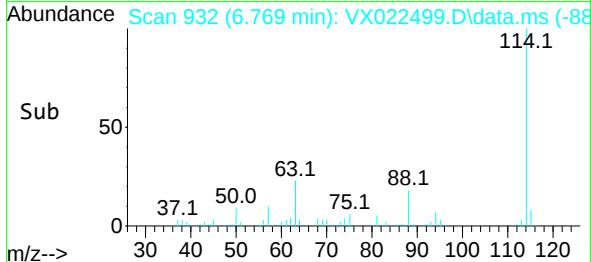
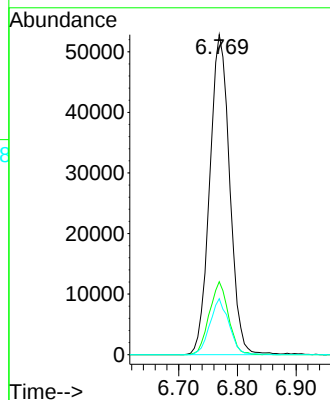
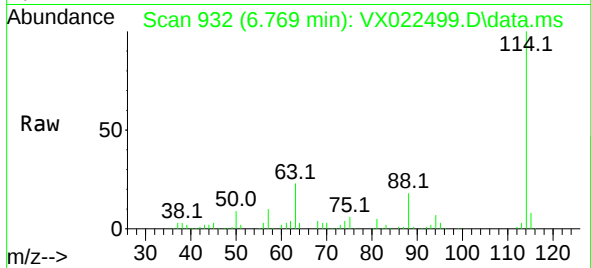




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

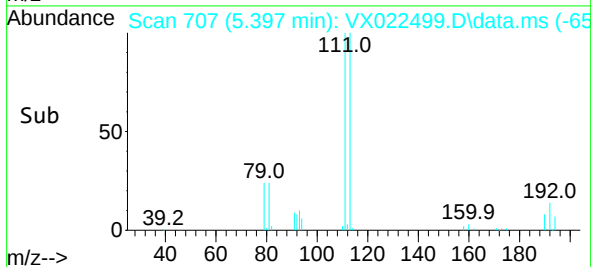
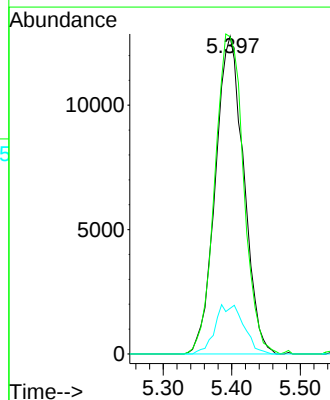
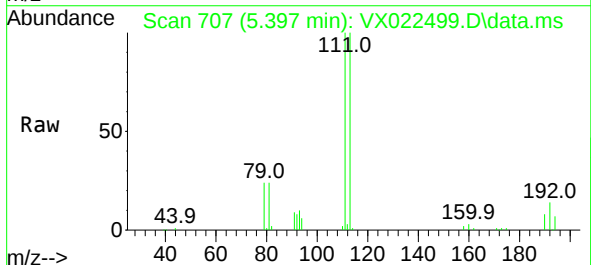
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#08

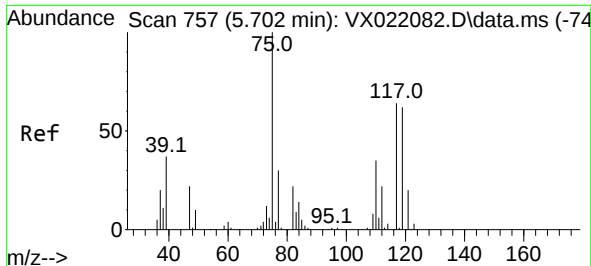
Tgt Ion:114 Resp: 124459
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.8
88 17.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.417 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

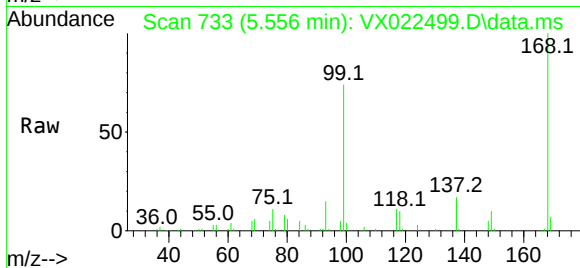
Tgt Ion:113 Resp: 36635
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 15.7 16.7 25.1#



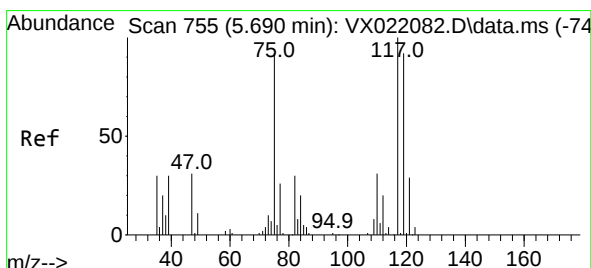
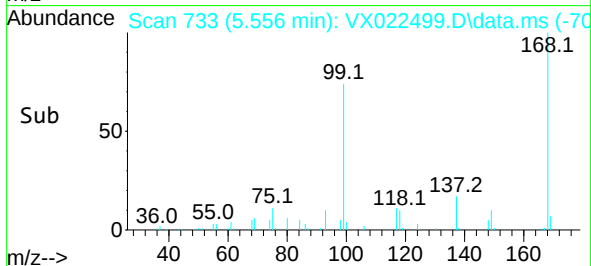
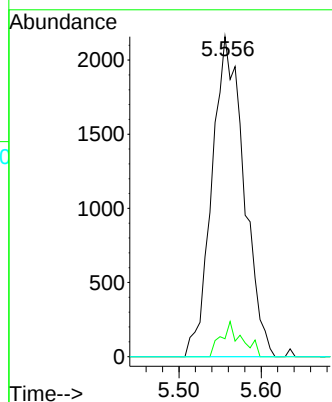


#36
1,1-Dichloropropene
Concen: 5.074 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#08

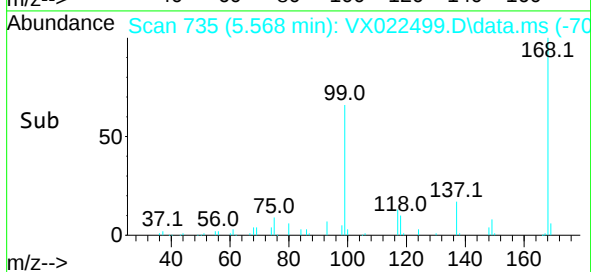
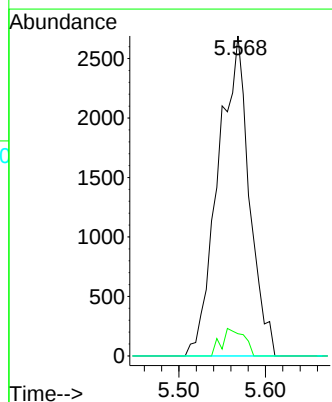
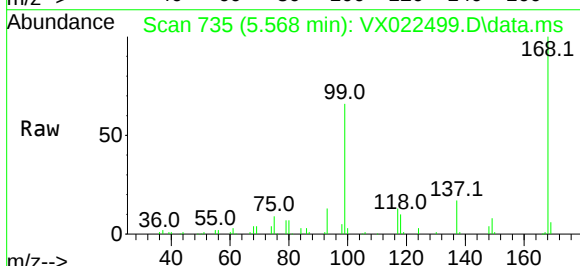


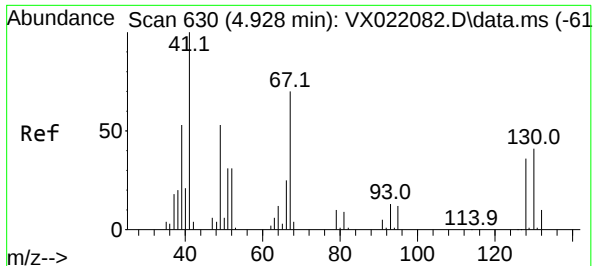
Tgt Ion: 75 Resp: 5839
Ion Ratio Lower Upper
75 100
110 7.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.982 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

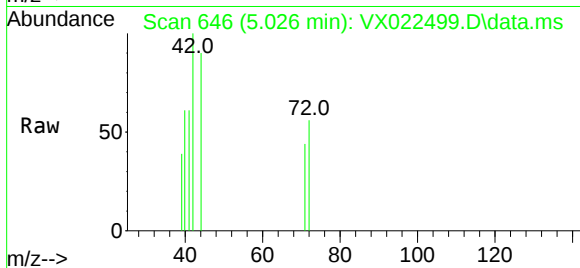
Tgt Ion: 117 Resp: 6735
Ion Ratio Lower Upper
117 100
119 7.0 76.2 114.2#
121 0.0 24.8 37.2#



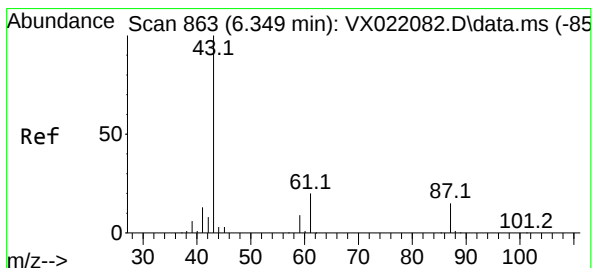
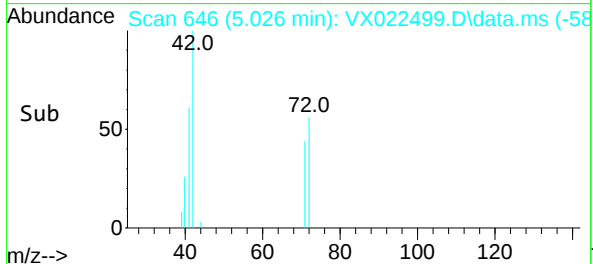
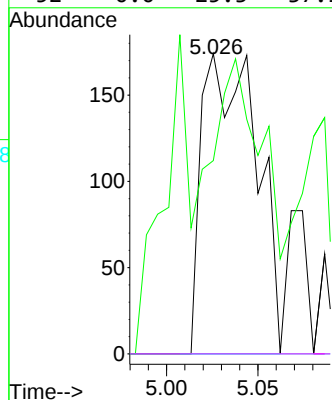


#41
Methacrylonitrile
Concen: 0.481 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.098 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#08

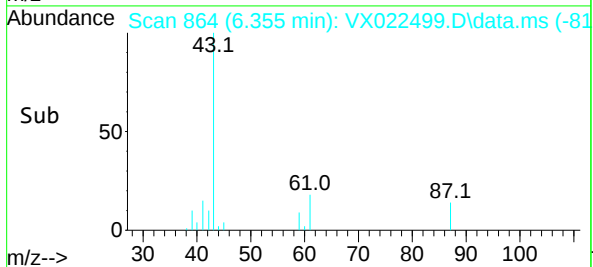
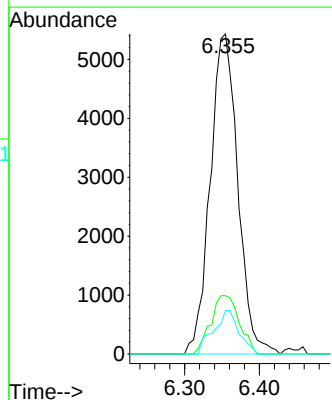
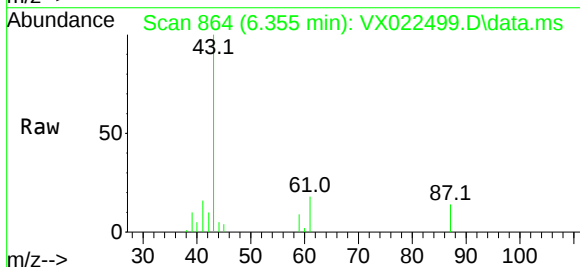


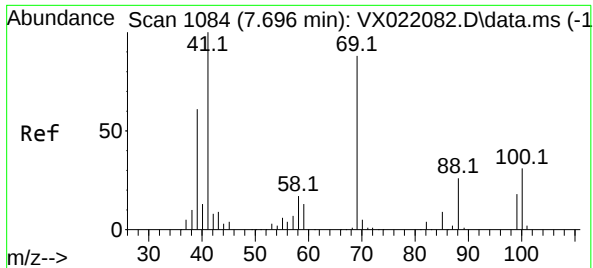
Tgt Ion:	41	Resp:	363
Ion	Ratio	Lower	Upper
41	100		
39	87.9	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 6.057 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

Tgt Ion:	43	Resp:	13978
Ion	Ratio	Lower	Upper
43	100		
61	18.8	18.2	27.4
87	12.5	12.5	18.7

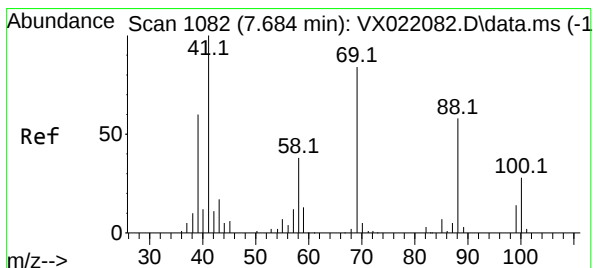
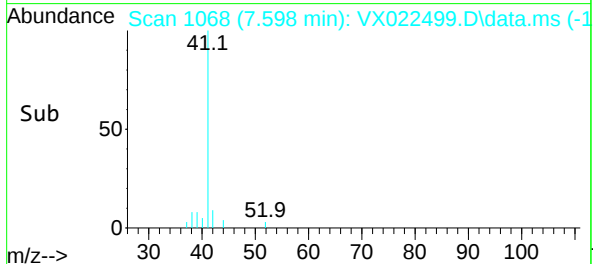
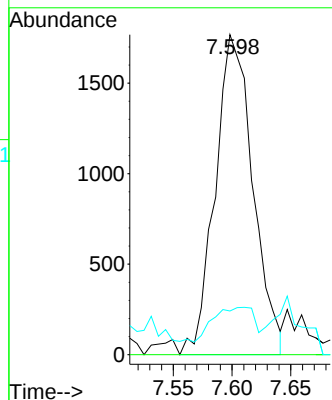
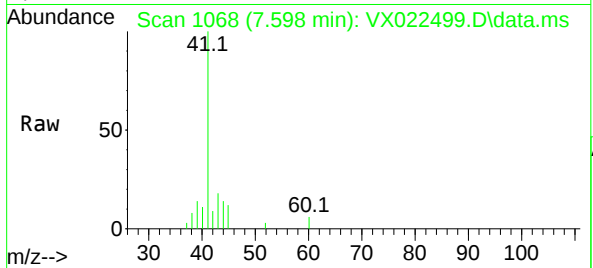




#48
Methyl methacrylate
Concen: 3.709 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

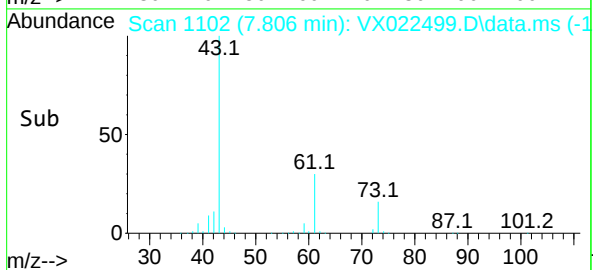
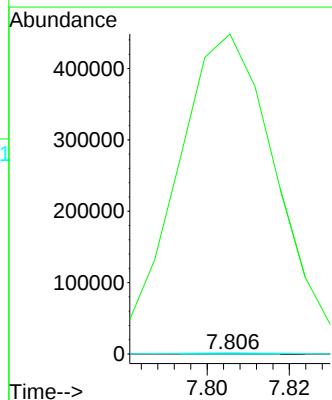
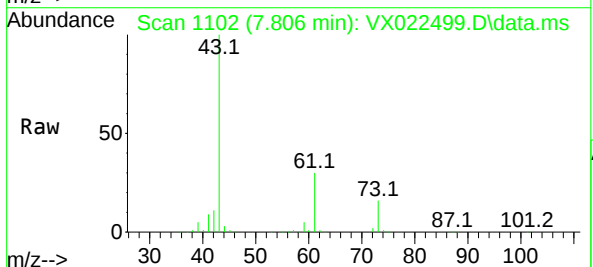
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#08

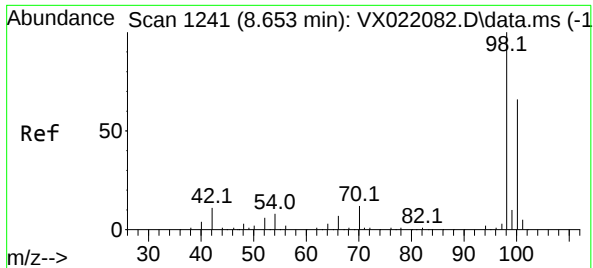
Tgt Ion: 41 Resp: 3944
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 1.449 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.122 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 2593000.0 23.2 34.8#
58 10036.7 55.0 82.4#

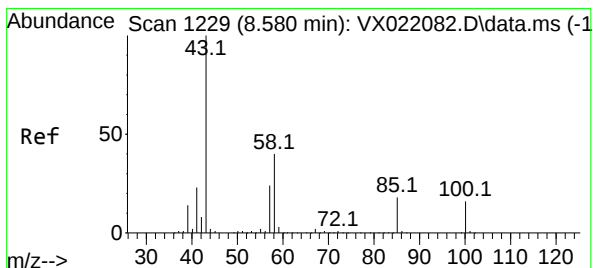
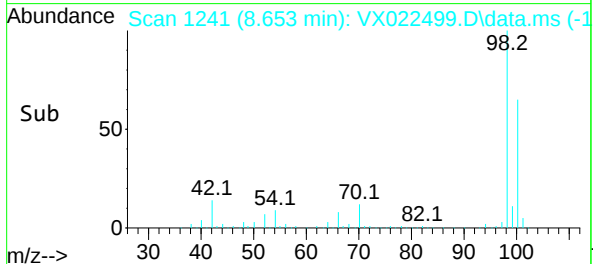
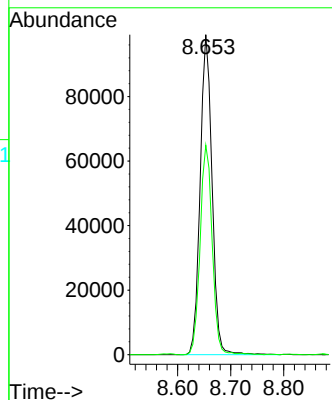
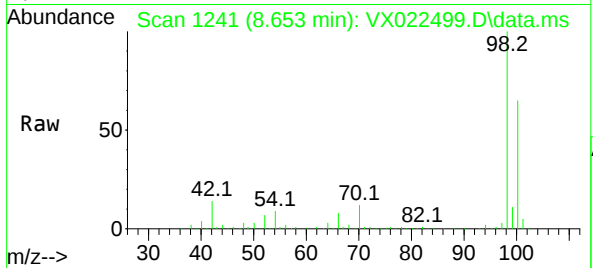




#50
Toluene-d8
Concen: 50.885 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

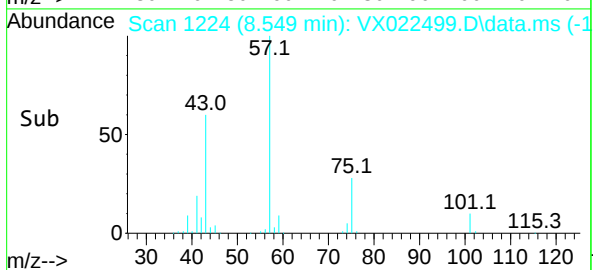
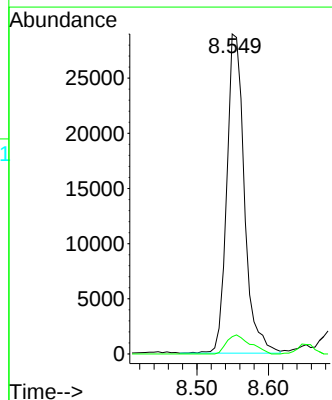
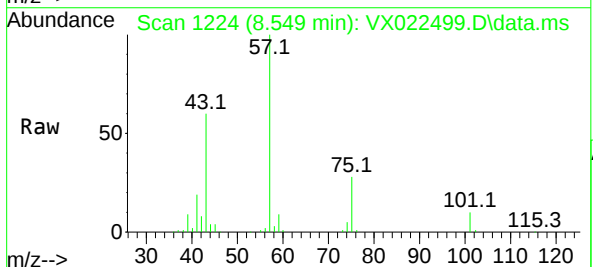
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#08

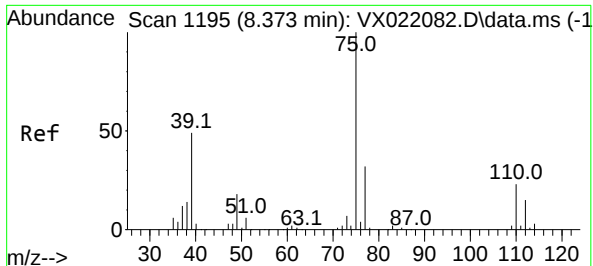
Tgt Ion: 98 Resp: 154707
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 35.681 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

Tgt Ion: 43 Resp: 49320
Ion Ratio Lower Upper
43 100
58 8.1 35.4 53.0#

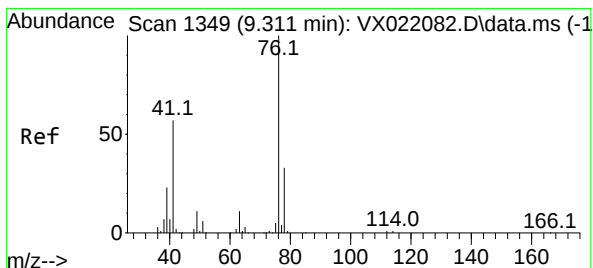
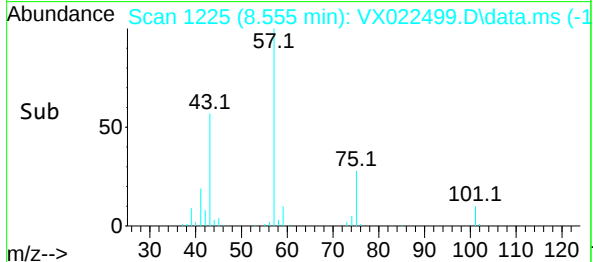
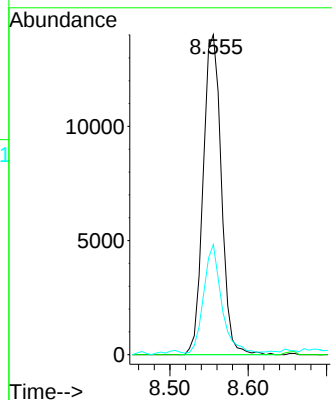
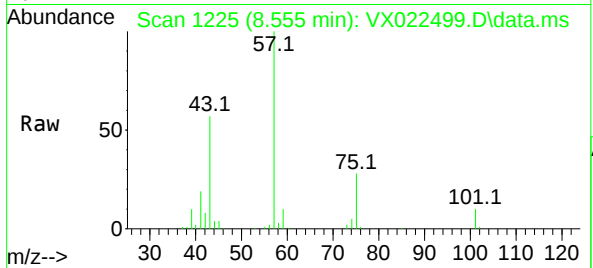




#54
 cis-1,3-Dichloropropene
 Concen: 14.794 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.182 min
 Lab File: VX022499.D
 Acq: 06 Jun 2021 23:38

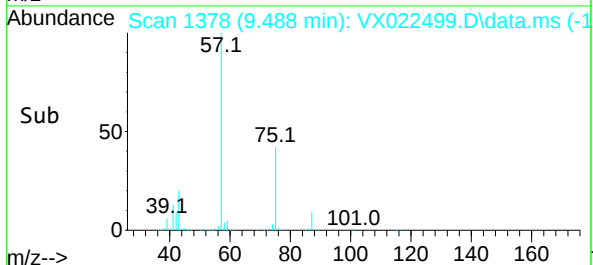
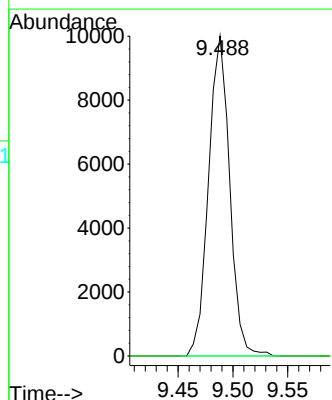
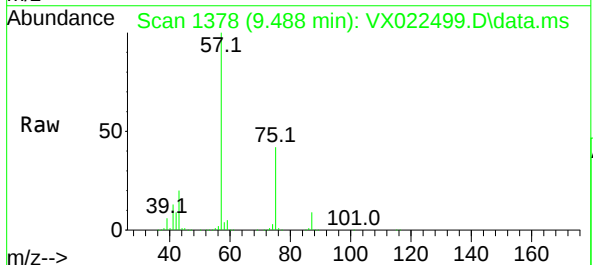
Instrument :
 MSVOA_X
 ClientSampleId :
 PB136829ZHE#08

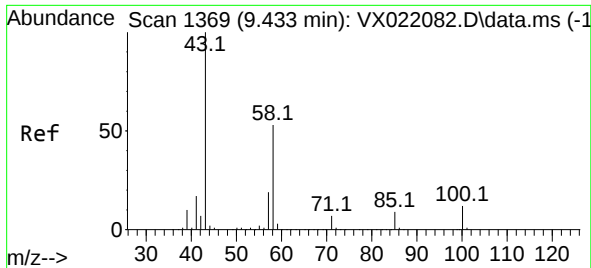
Tgt Ion: 75 Resp: 22514
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 33.6 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 8.643 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX022499.D
 Acq: 06 Jun 2021 23:38

Tgt Ion: 76 Resp: 13434
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

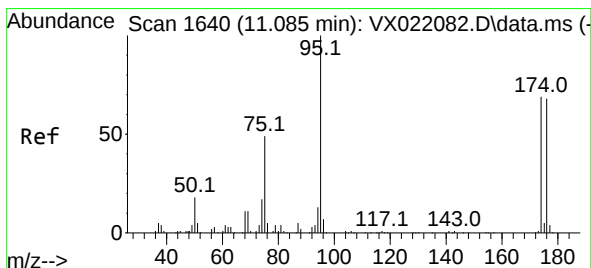
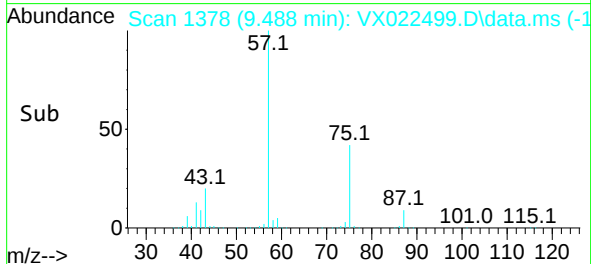
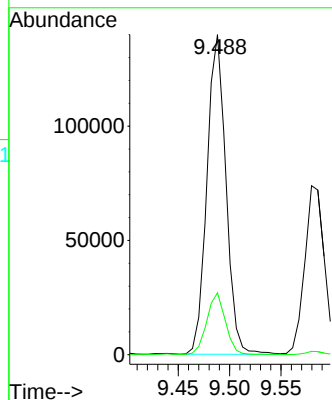
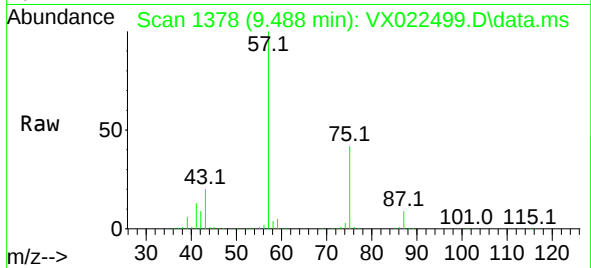




#59
2-Hexanone
Concen: 173.063 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

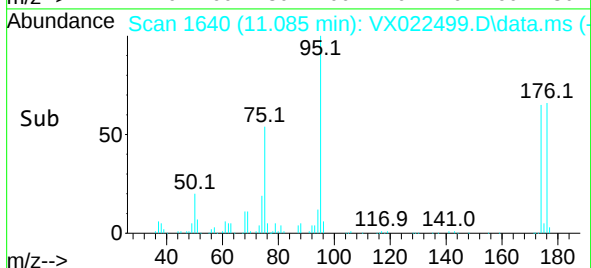
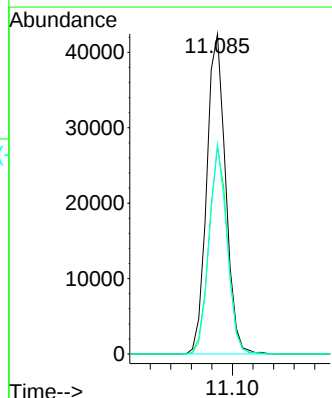
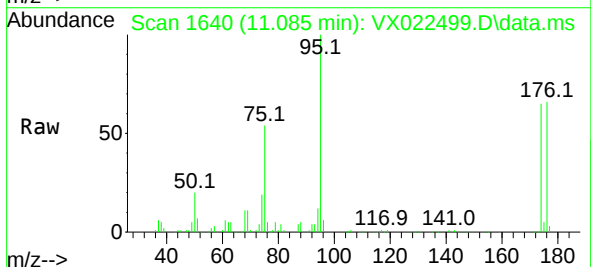
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#08

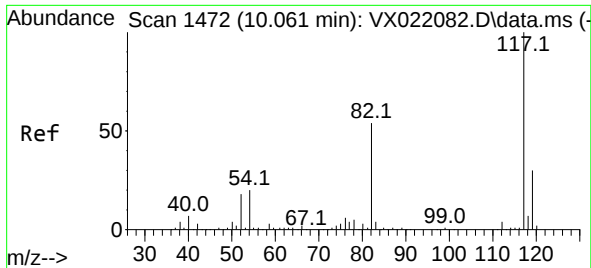
Tgt Ion: 43 Resp: 179918
Ion Ratio Lower Upper
43 100
58 19.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 48.079 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

Tgt Ion: 95 Resp: 54029
Ion Ratio Lower Upper
95 100
174 63.3 0.0 154.6
176 62.0 0.0 155.8

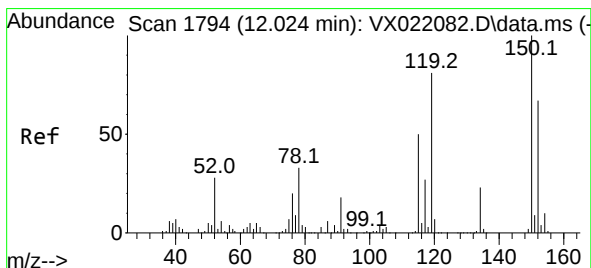
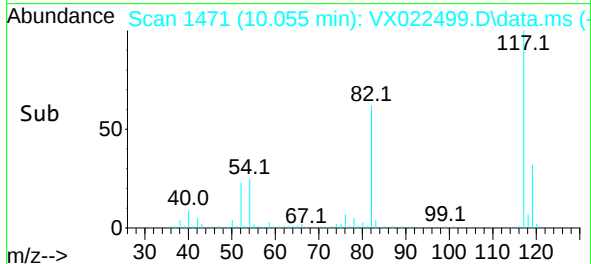
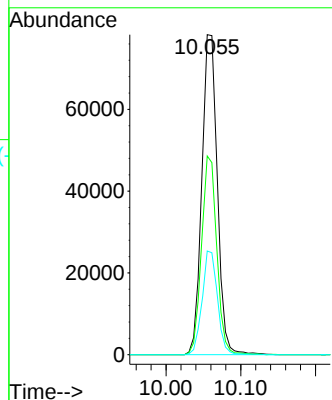
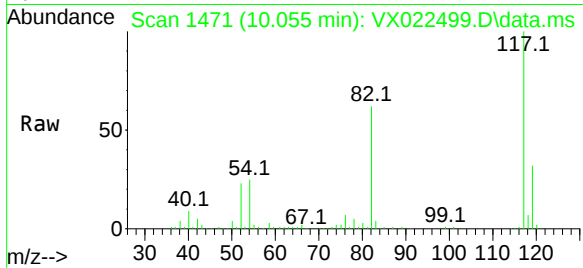




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

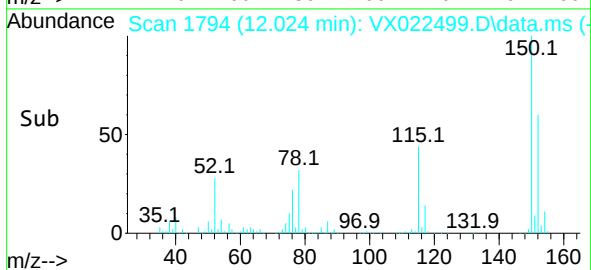
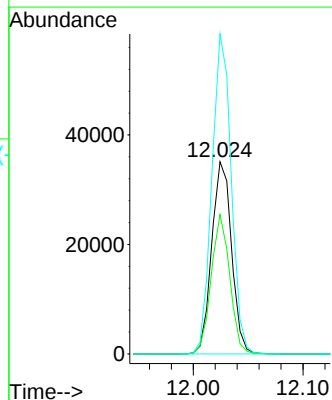
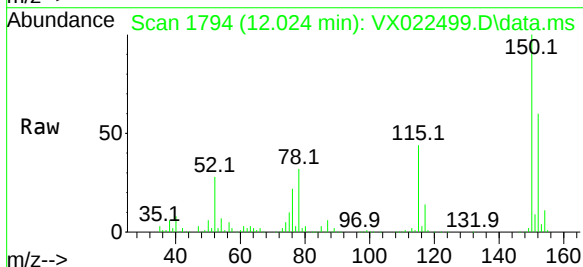
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#08

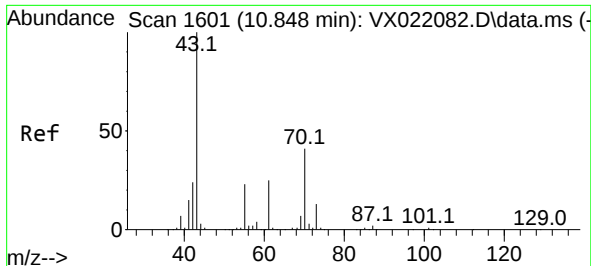
Tgt Ion:117 Resp: 112742
Ion Ratio Lower Upper
117 100
82 62.1 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

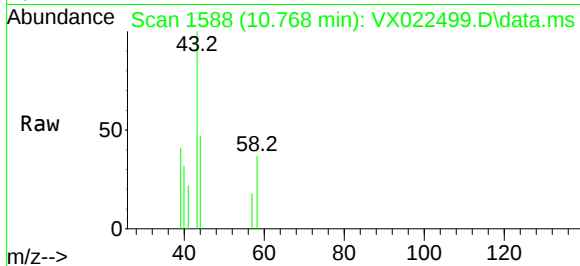
Tgt Ion:152 Resp: 44169
Ion Ratio Lower Upper
152 100
115 67.8 41.1 123.3
150 161.9 0.0 349.0



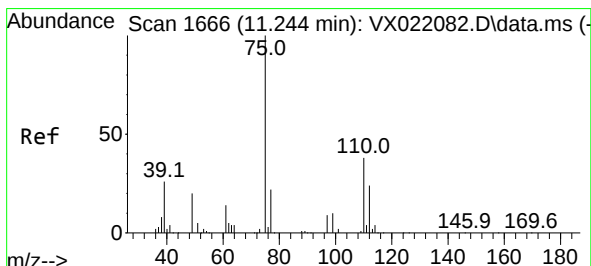
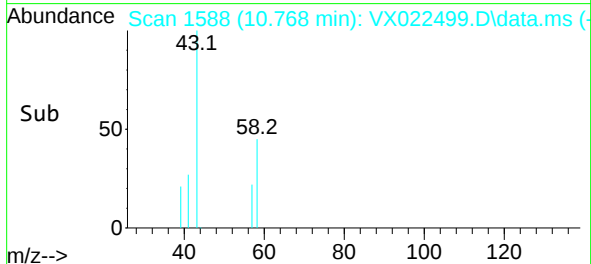
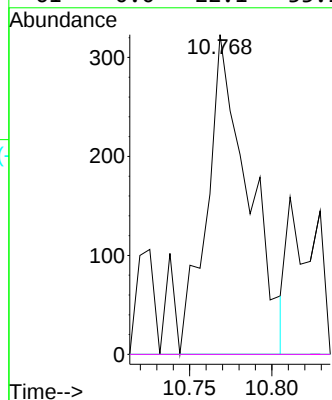


#74
N-amy1 acetate
Concen: 0.318 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#08

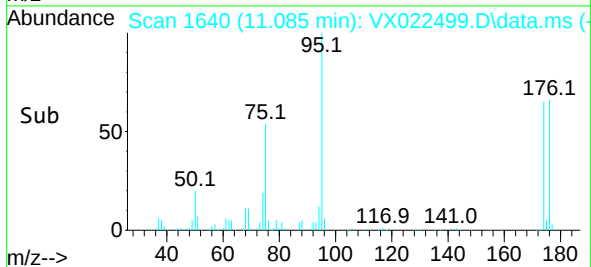
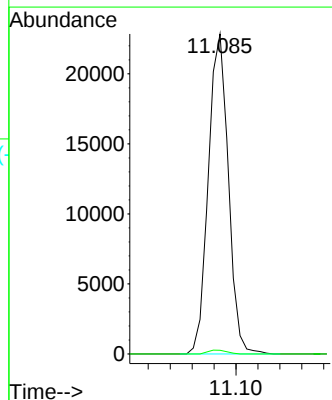
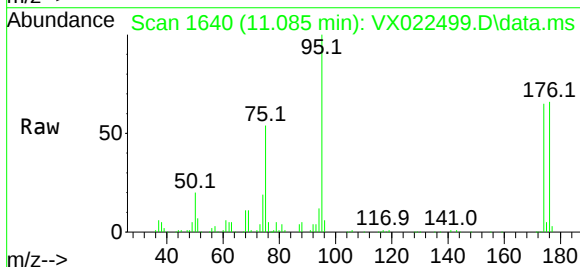


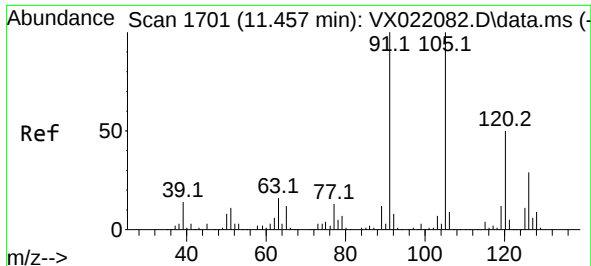
Tgt Ion: 43	Resp: 565
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.6#
55	0.0 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 26.552 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

Tgt Ion: 75	Resp: 28933
Ion Ratio	Lower Upper
75	100
77	1.1 19.1 57.5#

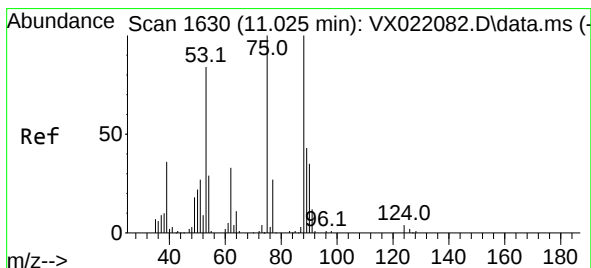
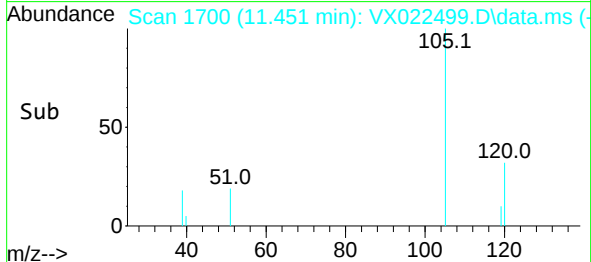
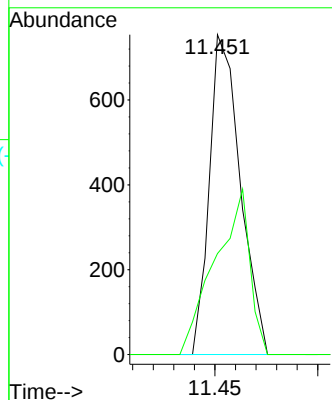
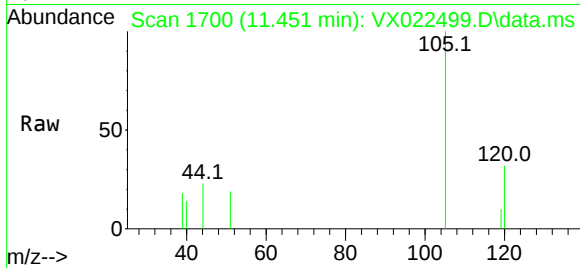




#80
1,3,5-Trimethylbenzene
Concen: 0.254 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#08

Tgt Ion:105 Resp: 788
Ion Ratio Lower Upper
105 100
120 58.2 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 62.912 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022499.D
Acq: 06 Jun 2021 23:38

Tgt Ion: 75 Resp: 28933
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

