

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022493.D
 Acq On : 06 Jun 2021 21:17
 Operator : JC/MD
 Sample : PB136829ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136829ZHE#02

Quant Time: Jun 07 04:28:17 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)

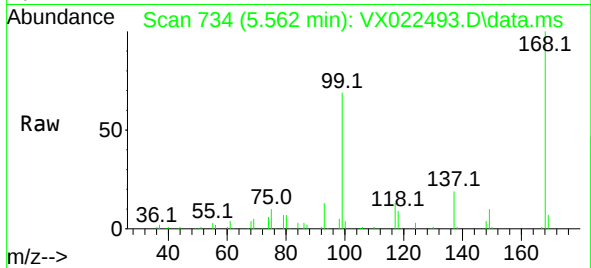
Internal Standards						
1) Pentafluorobenzene	5.562	168	61023	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	128090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52886	56.183	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.360%	
35) Dibromofluoromethane	5.397	113	38211	47.041	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.080%	
50) Toluene-d8	8.653	98	158784	50.746	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.500%	
62) 4-Bromofluorobenzene	11.085	95	56015	48.433	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.860%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	154	0.312	ug/l	# 48
11) Tert butyl alcohol	2.965	59	1654	7.682	ug/l	# 73
16) Acetone	2.386	43	6010	14.663	ug/l	# 84
18) Methyl Acetate	2.715	43	858	0.787	ug/l	# 75
20) Methylene Chloride	2.788	84	4096	4.501	ug/l	95
25) 2-Butanone	4.586	43	2275	3.431	ug/l	# 87
29) Tetrahydrofuran	5.044	42	942	2.387	ug/l	# 52
31) Cyclohexane	5.550	56	1793	1.516	ug/l	# 37
36) 1,1-Dichloropropene	5.556	75	5983	5.051	ug/l	# 47
38) Carbon Tetrachloride	5.562	117	7072	6.104	ug/l	# 15
43) Isopropyl Acetate	6.348	43	14123	5.947	ug/l	# 94
48) Methyl methacrylate	7.604	41	3884	3.549	ug/l	# 10
49) 1,4-Dioxane	7.799	88	83	3.895	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	50056	35.186	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	22866	14.599	ug/l	# 64
57) 1,3-Dichloropropane	9.488	76	13078	8.176	ug/l	# 42
59) 2-Hexanone	9.488	43	183074	171.106	ug/l	# 44
76) 1,2,3-Trichloropropane	11.085	75	29744	27.510	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.451	105	821	0.267	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.085	75	29744	65.180	ug/l	# 12

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

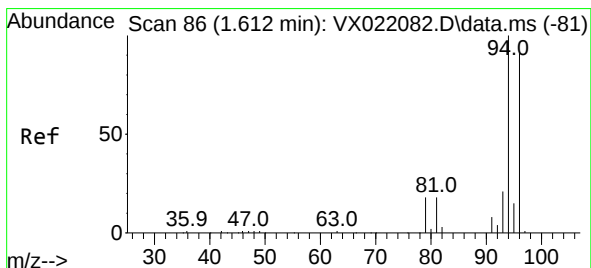
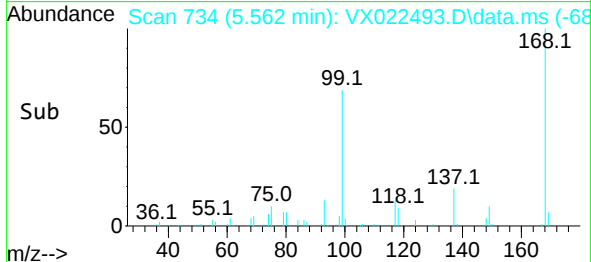
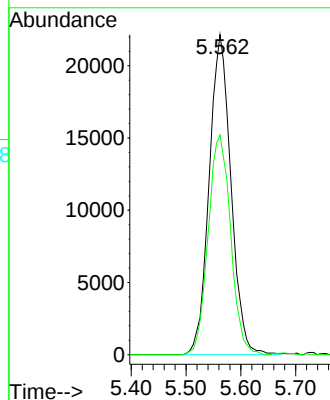


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#02

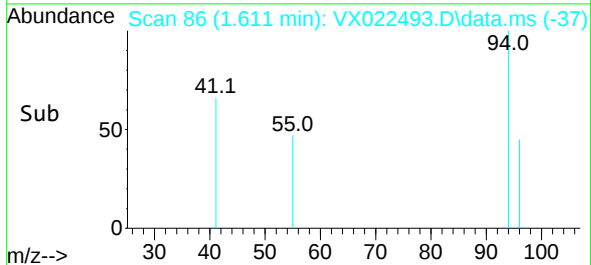
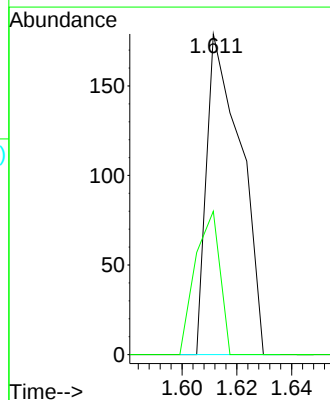
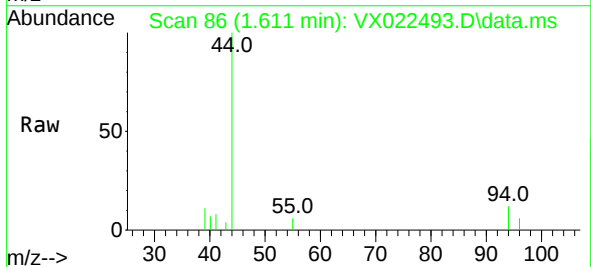


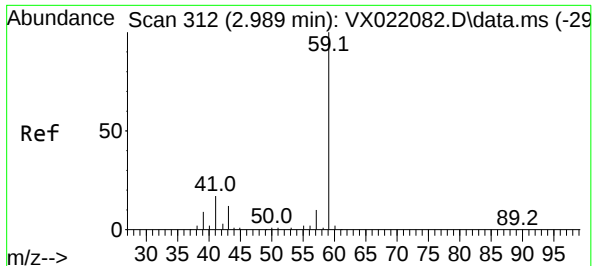
Tgt Ion:168 Resp: 61023
Ion Ratio Lower Upper
168 100
99 68.7 45.8 68.6#



#5
Bromomethane
Concen: 0.312 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.001 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

Tgt Ion: 94 Resp: 154
Ion Ratio Lower Upper
94 100
96 44.7 76.4 114.6#



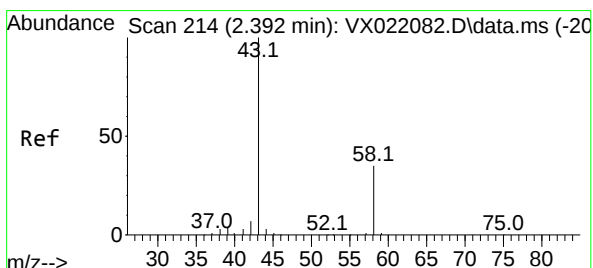
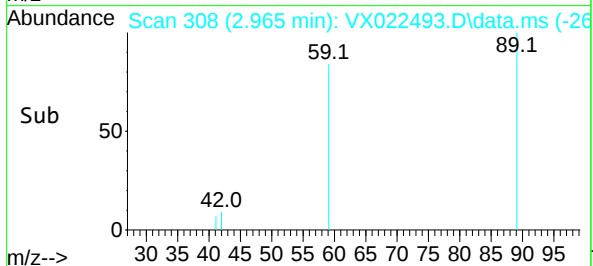
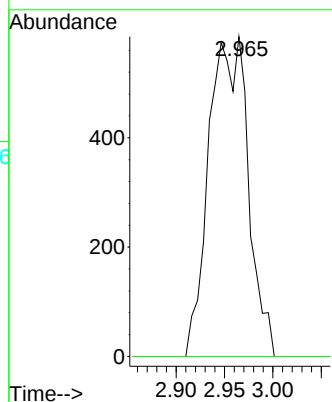
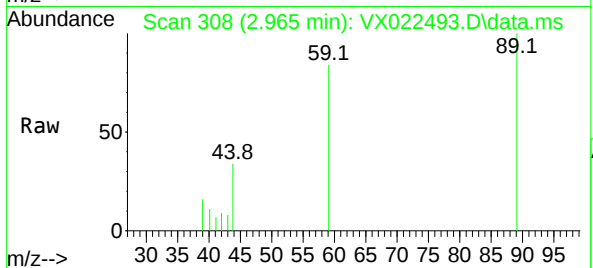


#11

Tert butyl alcohol
Concen: 7.682 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#02

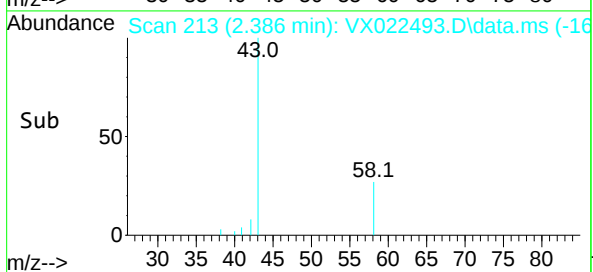
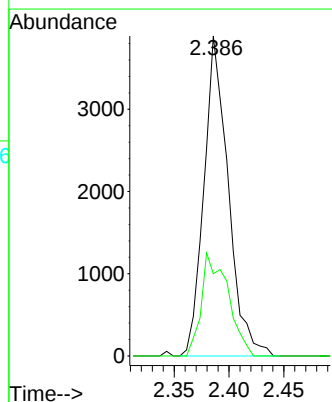
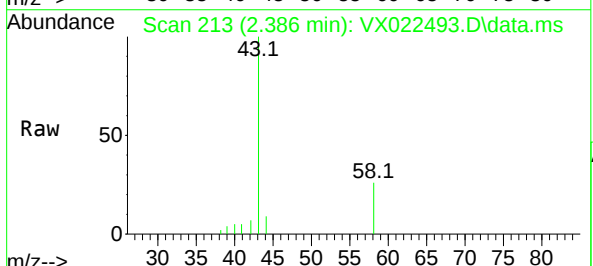
Tgt Ion: 59 Resp: 1654
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

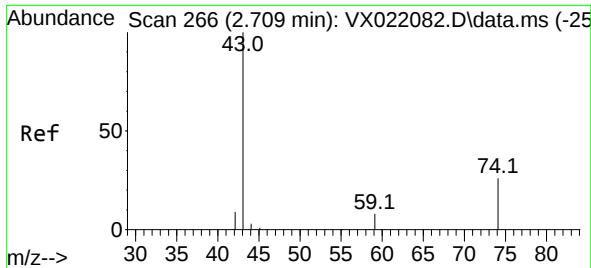


#16

Acetone
Concen: 14.663 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

Tgt Ion: 43 Resp: 6010
Ion Ratio Lower Upper
43 100
58 25.7 27.8 41.8#

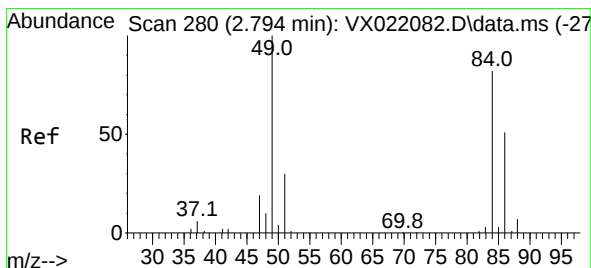
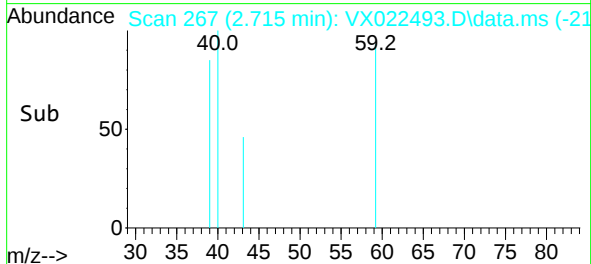
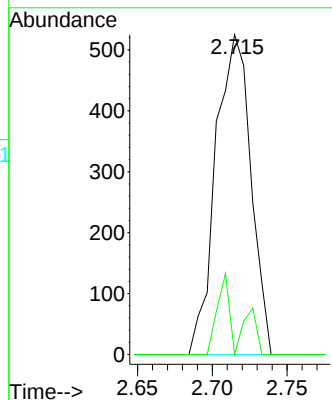
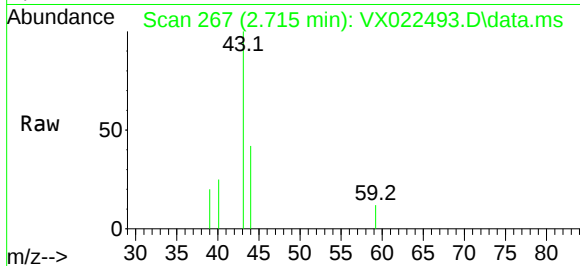




#18
Methyl Acetate
Concen: 0.787 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

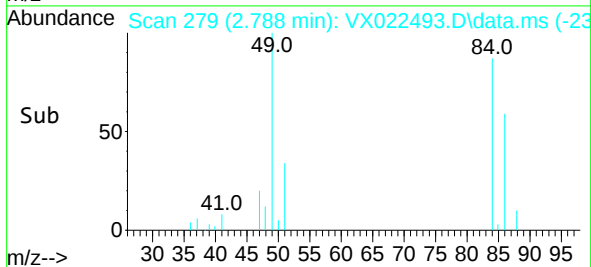
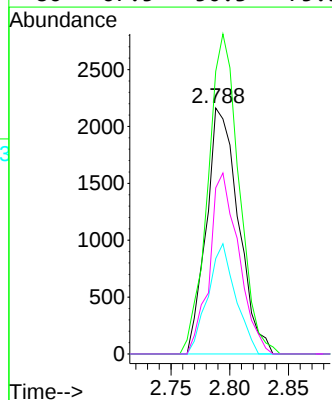
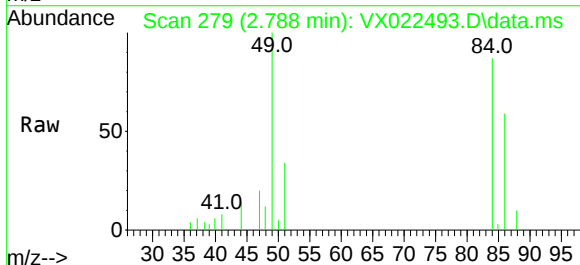
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#02

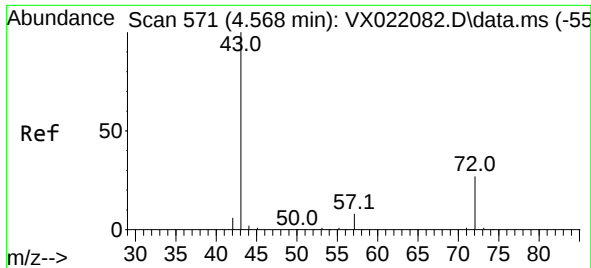
Tgt Ion: 43 Resp: 858
Ion Ratio Lower Upper
43 100
74 14.3 21.9 32.9#



#20
Methylene Chloride
Concen: 4.501 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

Tgt Ion: 84 Resp: 4096
Ion Ratio Lower Upper
84 100
49 114.9 88.6 132.8
51 38.8 27.0 40.6
86 67.5 50.3 75.5

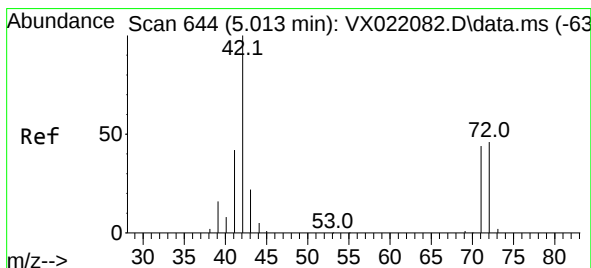
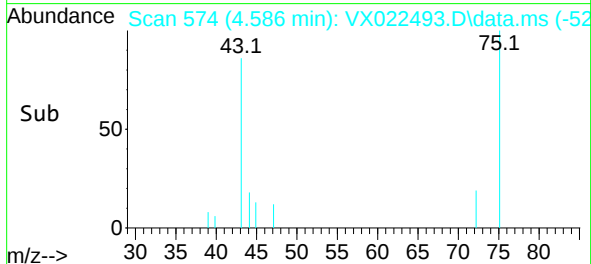
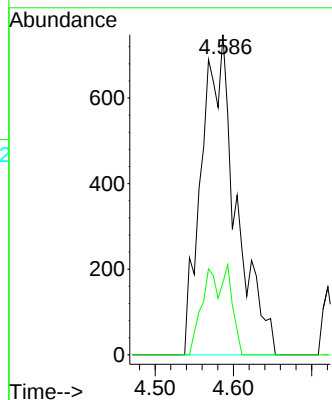
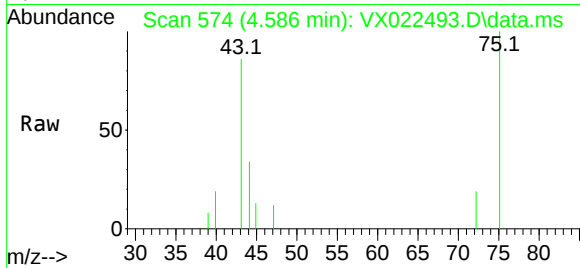




#25
2-Butanone
Concen: 3.431 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

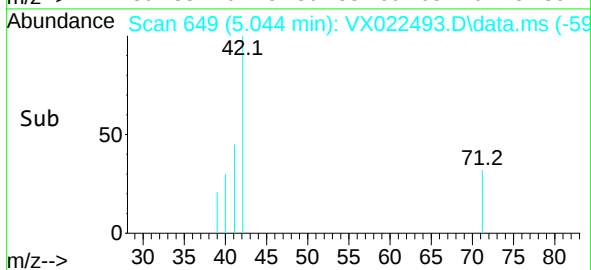
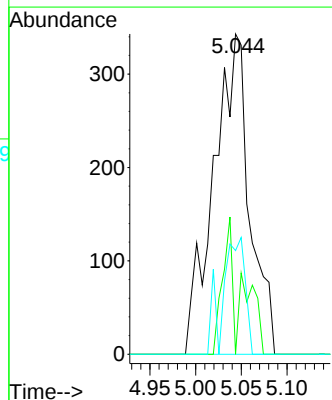
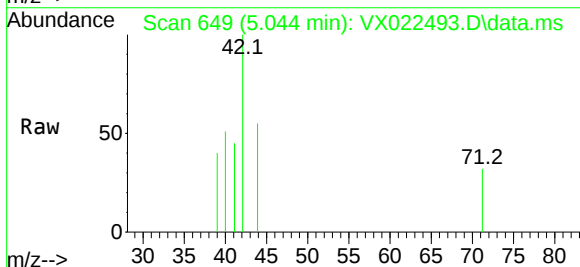
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#02

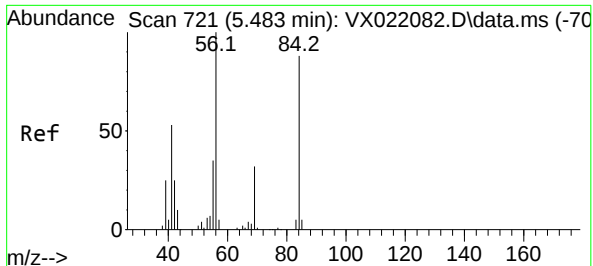
Tgt Ion: 43 Resp: 2275
Ion Ratio Lower Upper
43 100
72 22.6 23.7 35.5#



#29
Tetrahydrofuran
Concen: 2.387 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.031 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

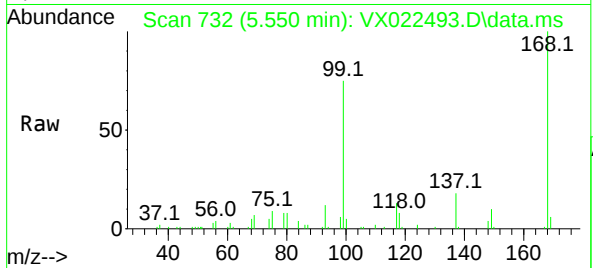
Tgt Ion: 42 Resp: 942
Ion Ratio Lower Upper
42 100
72 11.6 41.7 62.5#
71 22.8 38.4 57.6#



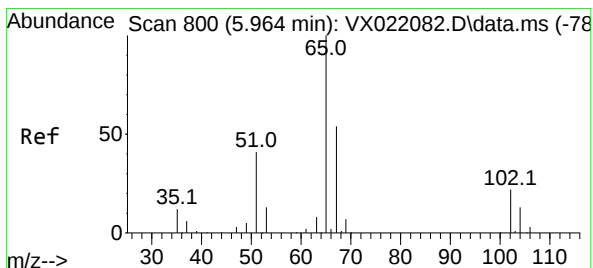
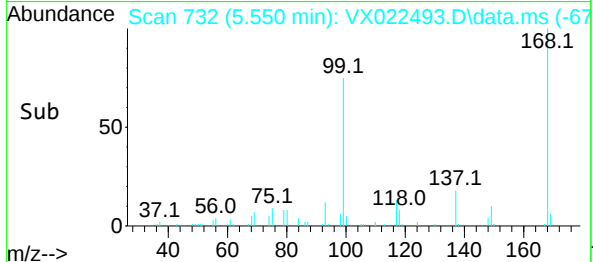
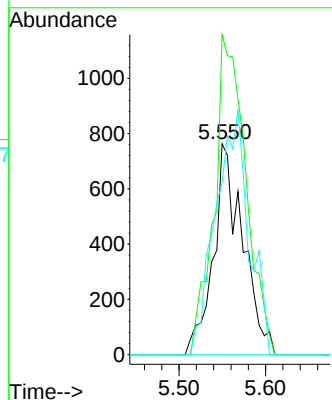


#31
Cyclohexane
Concen: 1.516 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.067 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#02

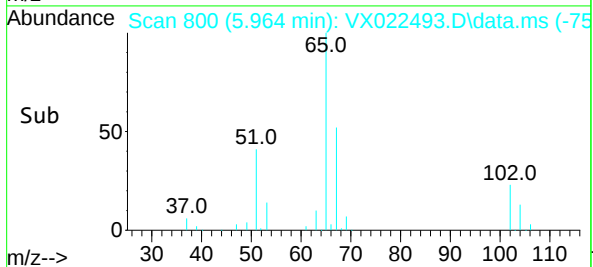
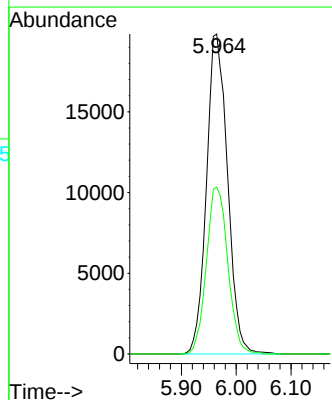
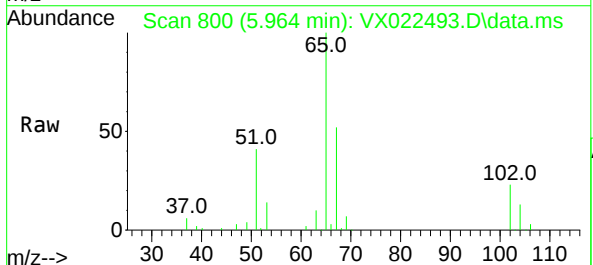


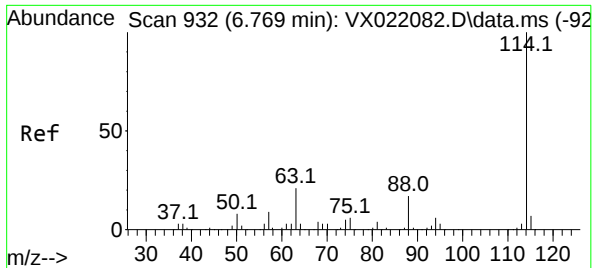
Tgt Ion: 56 Resp: 1793
Ion Ratio Lower Upper
56 100
69 151.8 25.3 37.9#
84 81.8 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 56.183 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

Tgt Ion: 65 Resp: 52886
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4

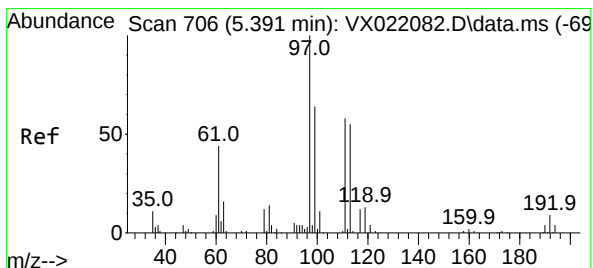
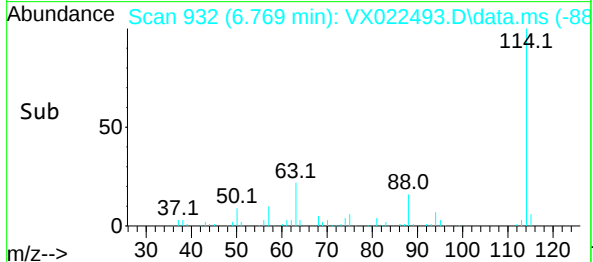
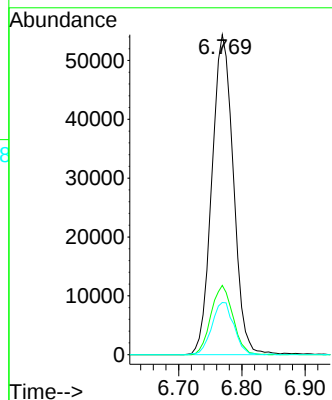
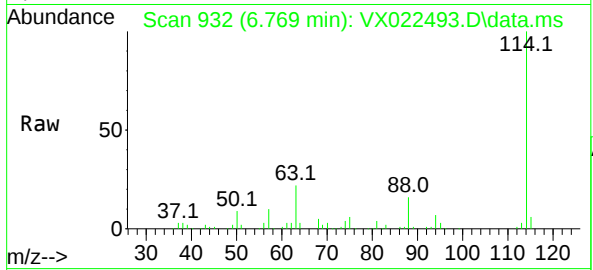




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

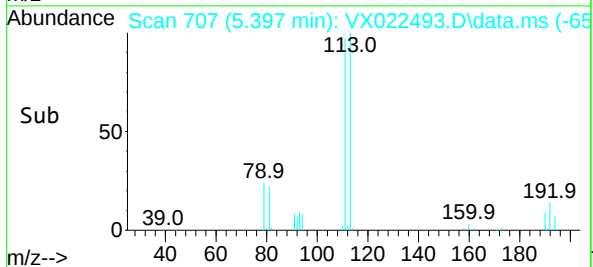
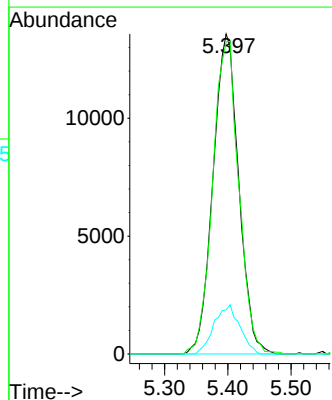
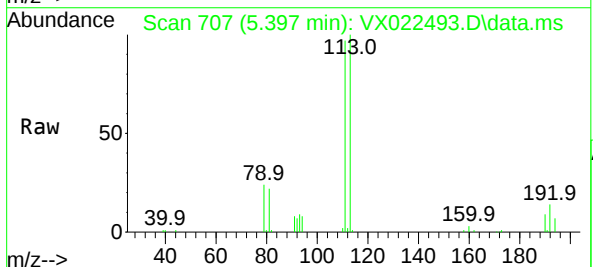
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#02

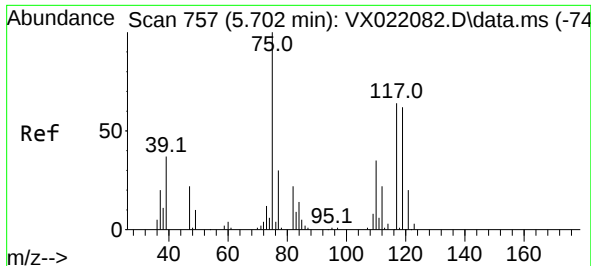
Tgt Ion:114 Resp: 128090
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.041 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

Tgt Ion:113 Resp: 38211
Ion Ratio Lower Upper
113 100
111 99.5 81.9 122.9
192 15.3 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.051 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022493.D

Acq: 06 Jun 2021 21:17

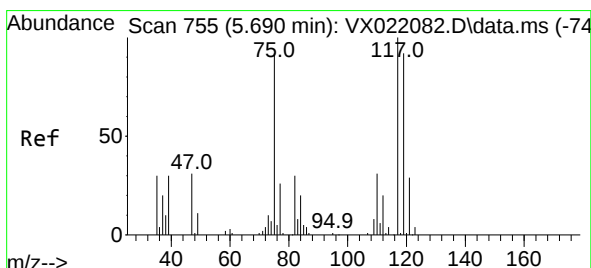
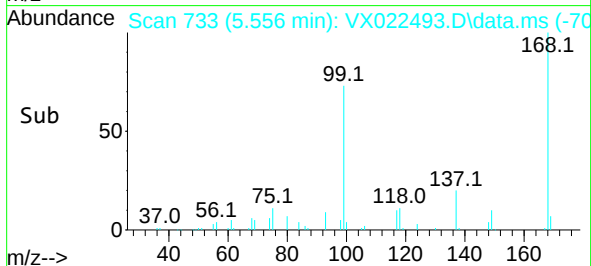
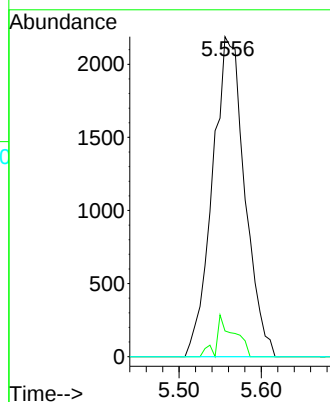
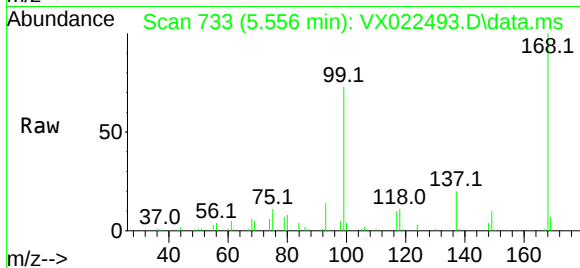
Instrument :

MSVOA_X

ClientSampleId :

PB136829ZHE#02

Tgt Ion: 75	Resp: 5983
Ion Ratio	Lower Upper
75 100	
110 7.2	18.1 54.4#
77 0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.104 ug/l

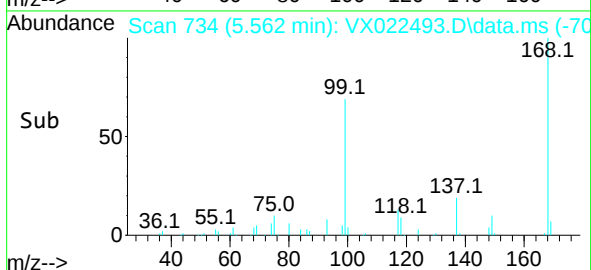
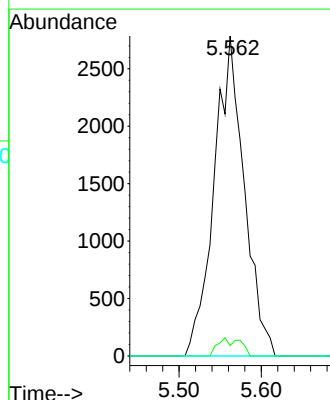
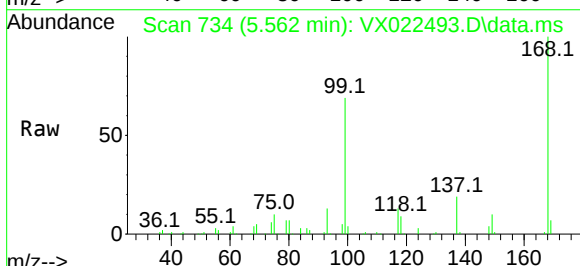
RT: 5.562 min Scan# 734

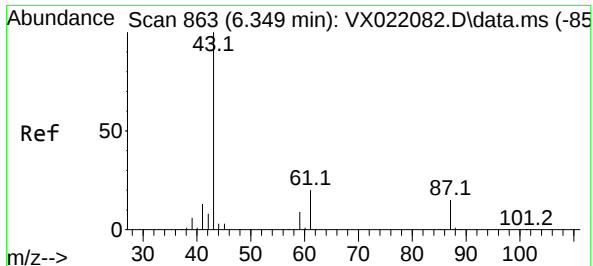
Delta R.T. -0.128 min

Lab File: VX022493.D

Acq: 06 Jun 2021 21:17

Tgt Ion: 117	Resp: 7072
Ion Ratio	Lower Upper
117 100	
119 3.2	76.2 114.2#
121 0.0	24.8 37.2#

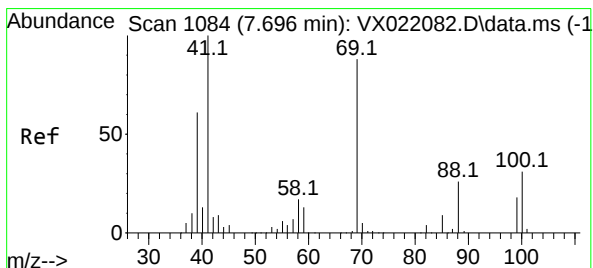
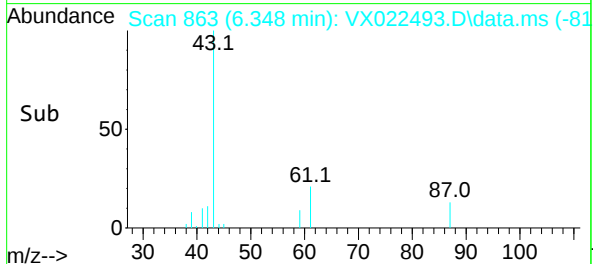
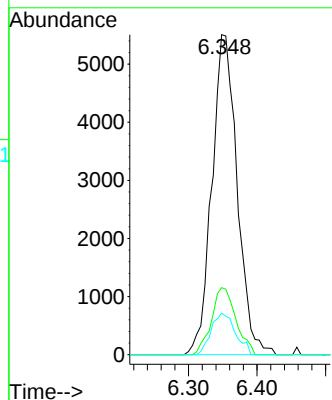
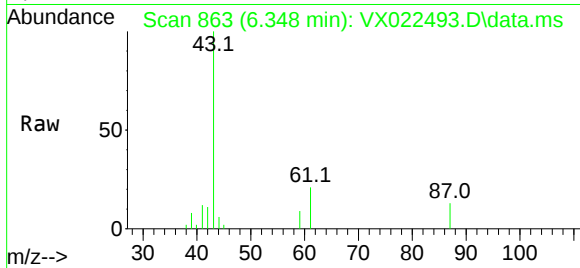




#43
Isopropyl Acetate
Concen: 5.947 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

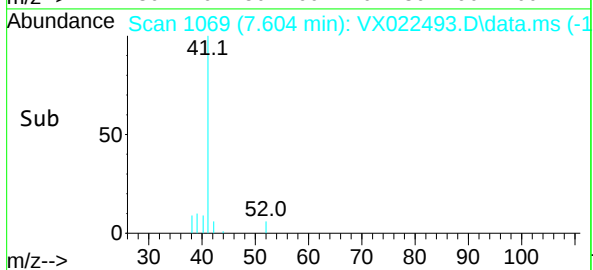
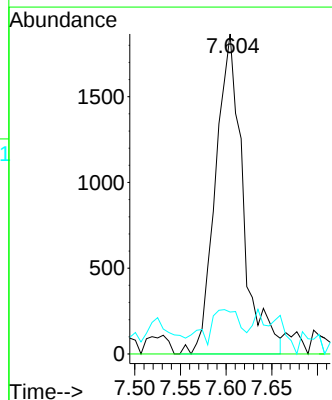
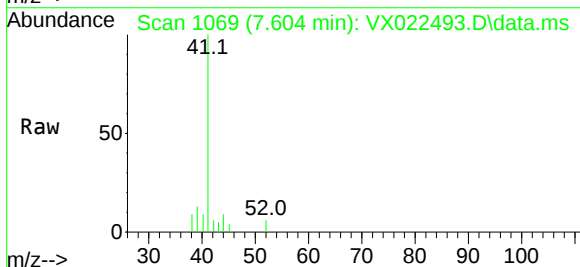
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#02

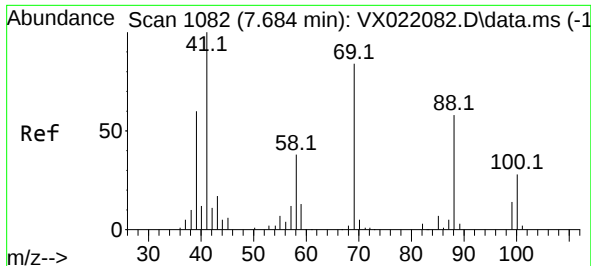
Tgt Ion:	43	Resp:	14123
Ion	Ratio	Lower	Upper
43	100		
61	20.3	18.2	27.4
87	12.5	12.5	18.7#



#48
Methyl methacrylate
Concen: 3.549 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

Tgt Ion:	41	Resp:	3884
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: 3.895 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.115 min

Lab File: VX022493.D

Acq: 06 Jun 2021 21:17

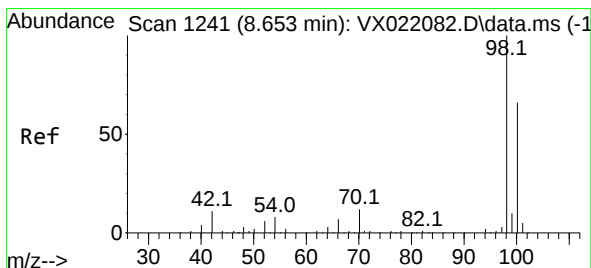
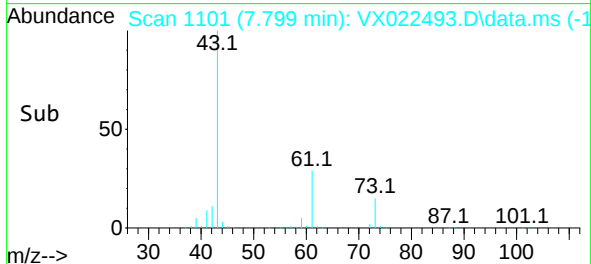
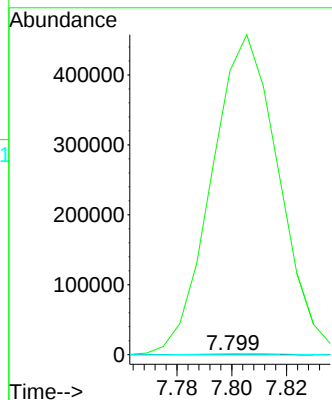
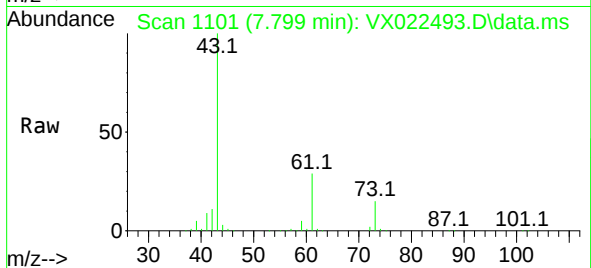
Tgt Ion: 88 Resp: 83

Ion Ratio Lower Upper

88 100

43 952827.7 23.2 34.8#

58 3828.9 55.0 82.4#



#50

Toluene-d8

Concen: 50.746 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022493.D

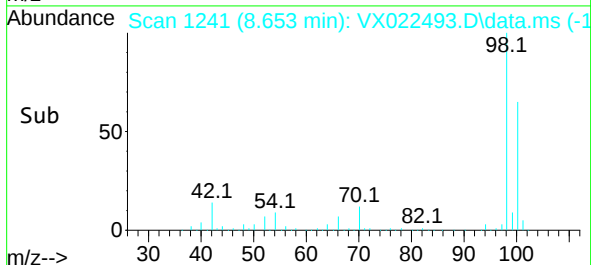
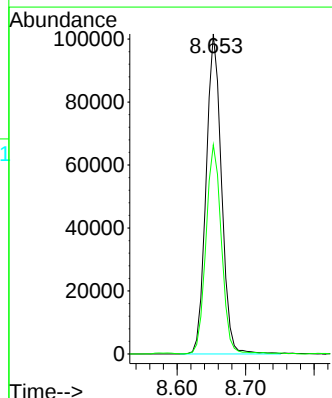
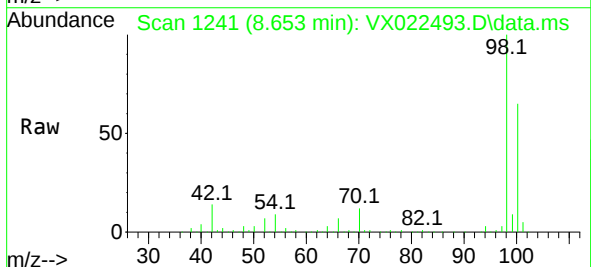
Acq: 06 Jun 2021 21:17

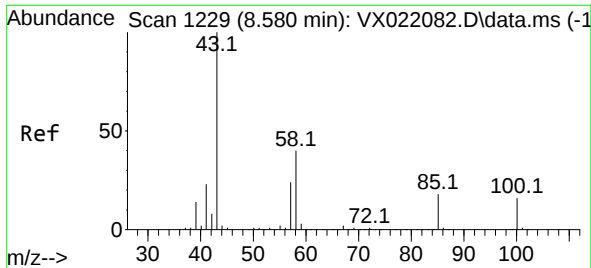
Tgt Ion: 98 Resp: 158784

Ion Ratio Lower Upper

98 100

100 65.5 51.9 77.9

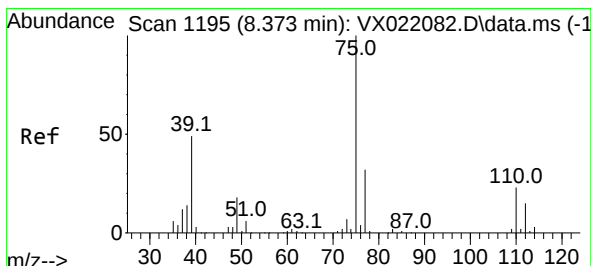
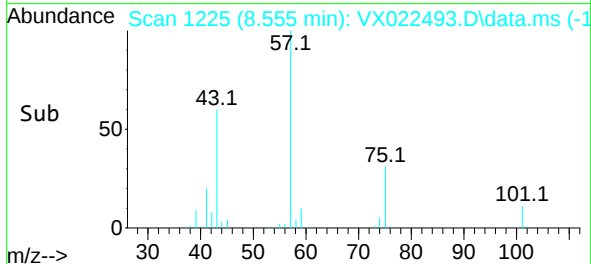
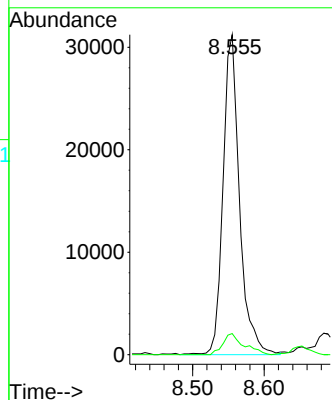
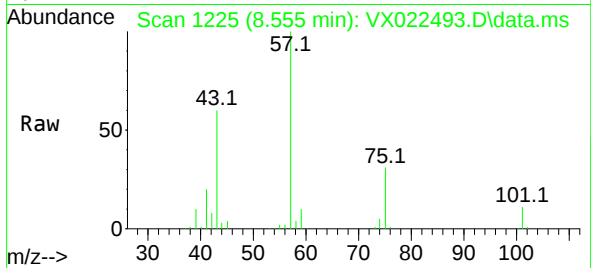




#51
4-Methyl-2-Pentanone
Concen: 35.186 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

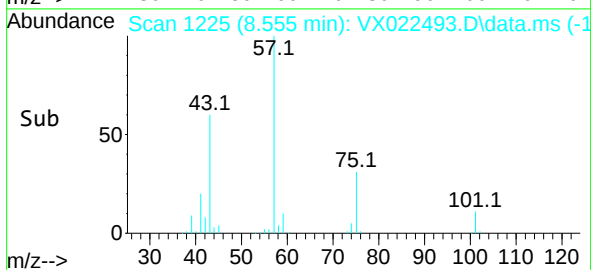
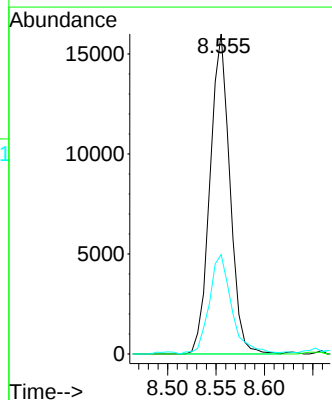
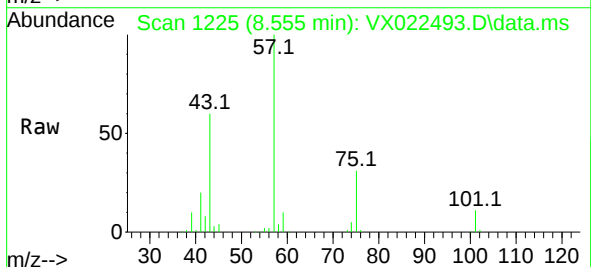
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#02

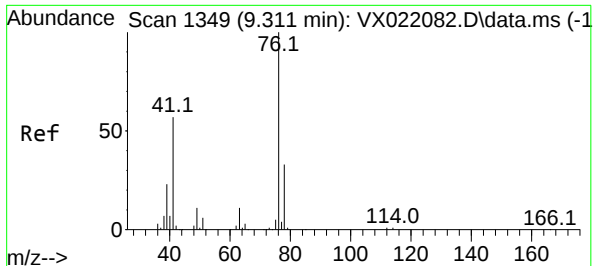
Tgt Ion: 43 Resp: 50056
Ion Ratio Lower Upper
43 100
58 8.4 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 14.599 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

Tgt Ion: 75 Resp: 22866
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 31.1 35.1 52.7#



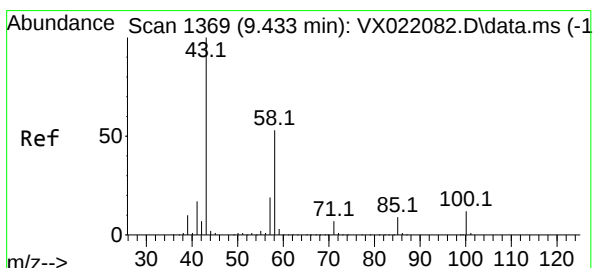
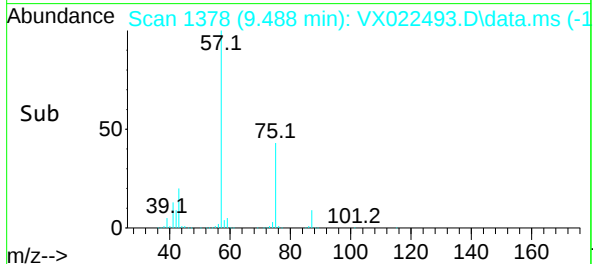
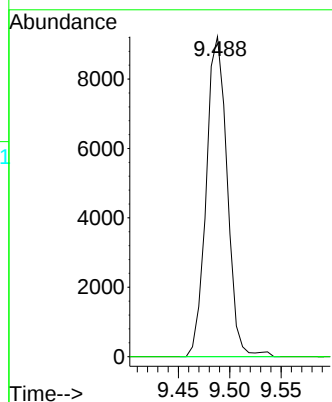
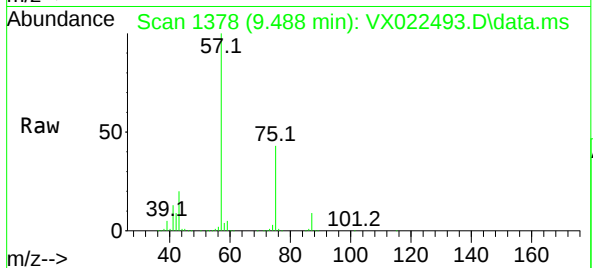


#57

1,3-Dichloropropane
Concen: 8.176 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#02

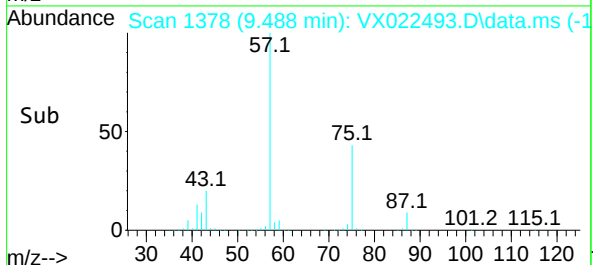
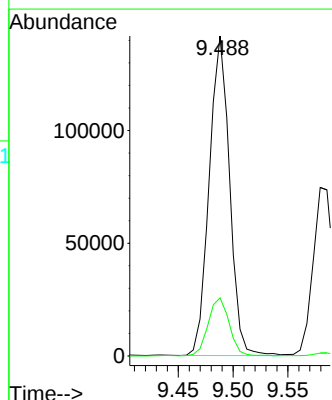
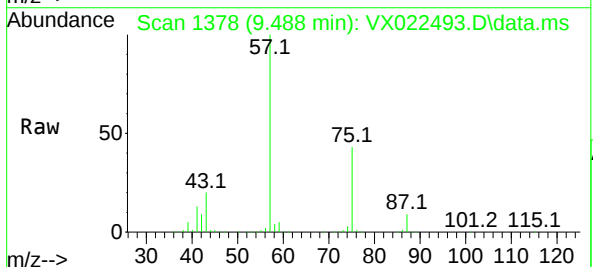
Tgt Ion: 76 Resp: 13078
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

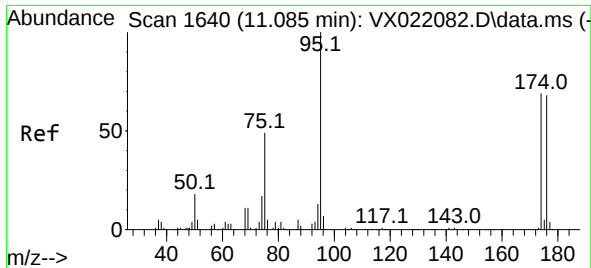


#59

2-Hexanone
Concen: 171.106 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

Tgt Ion: 43 Resp: 183074
Ion Ratio Lower Upper
43 100
58 18.7 30.9 92.8#

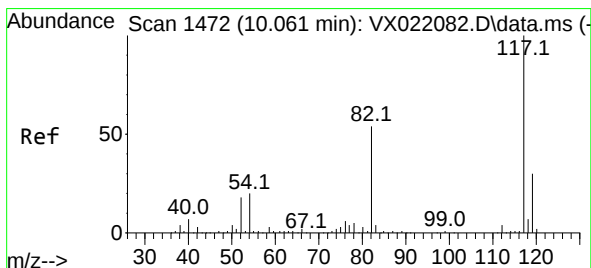
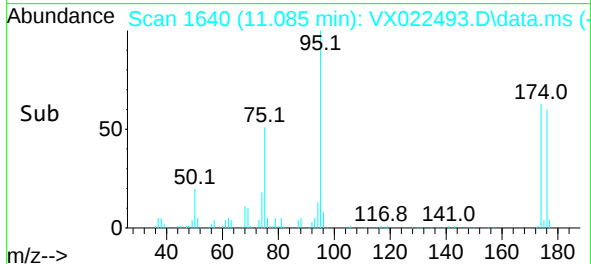
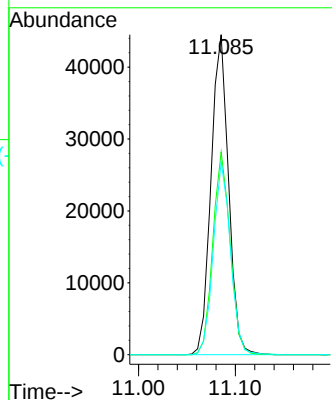
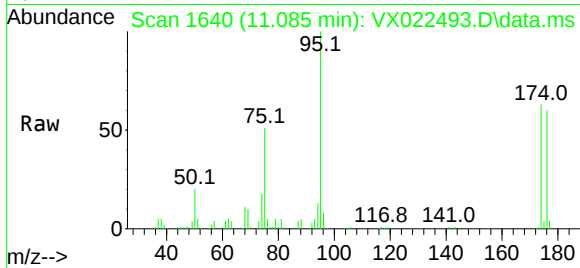




#62
4-Bromofluorobenzene
Concen: 48.433 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

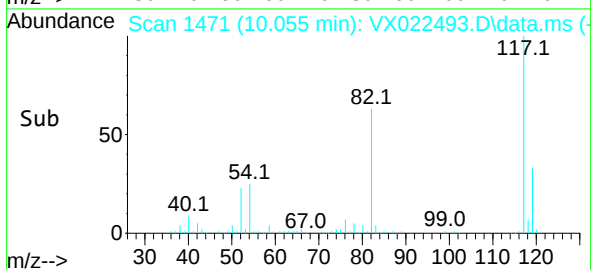
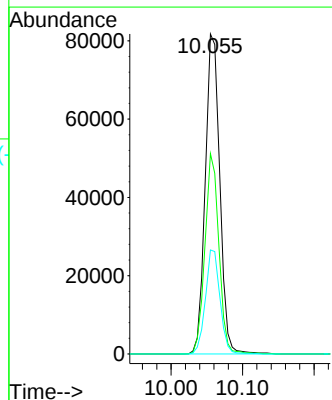
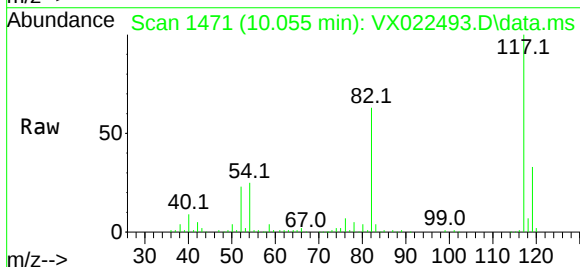
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#02

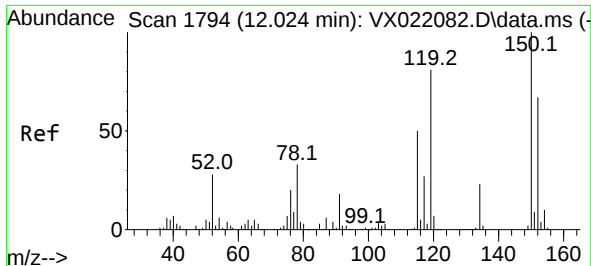
Tgt Ion: 95 Resp: 56015
Ion Ratio Lower Upper
95 100
174 62.7 0.0 154.6
176 59.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

Tgt Ion: 117 Resp: 115591
Ion Ratio Lower Upper
117 100
82 62.6 47.4 71.2
119 32.5 26.6 39.8

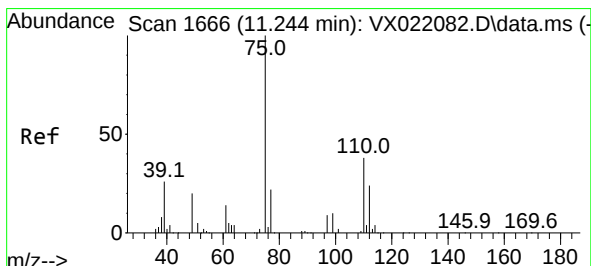
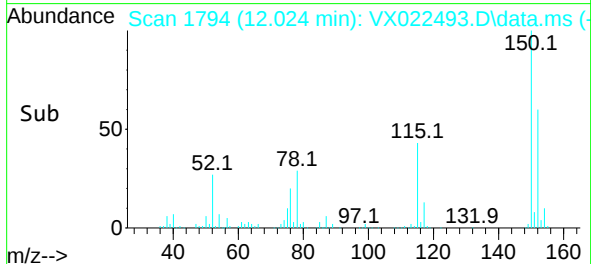
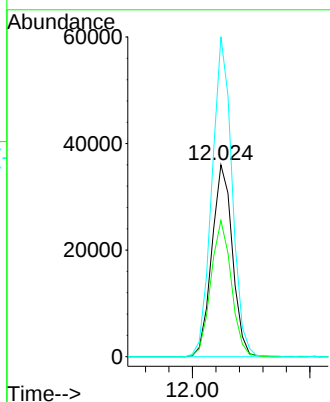
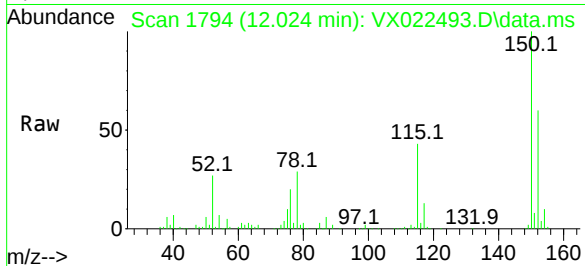




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

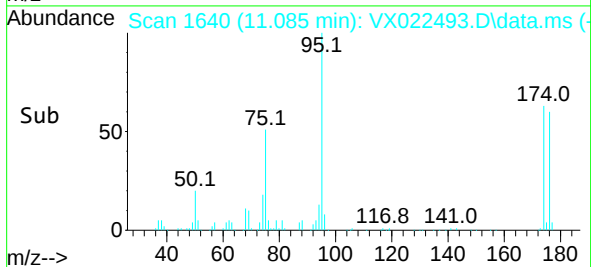
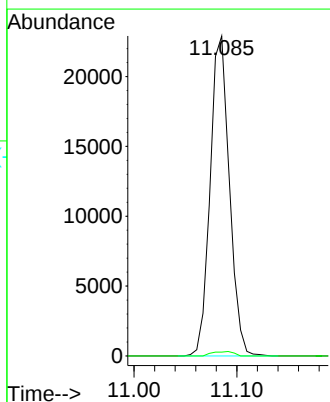
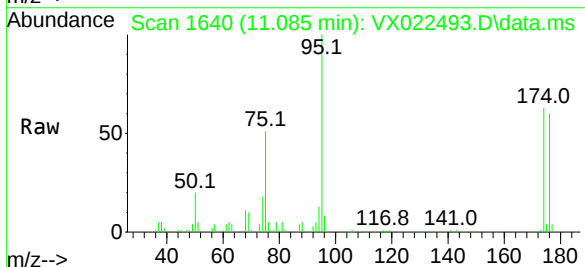
Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#02

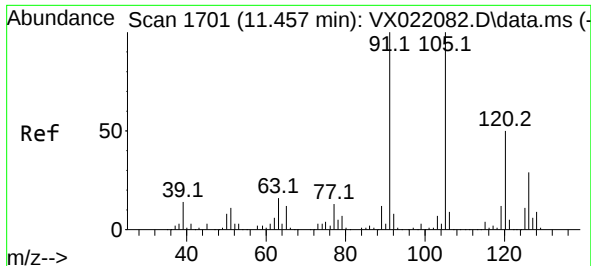
Tgt Ion:152 Resp: 43827
Ion Ratio Lower Upper
152 100
115 70.4 41.1 123.3
150 162.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.510 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

Tgt Ion: 75 Resp: 29744
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#

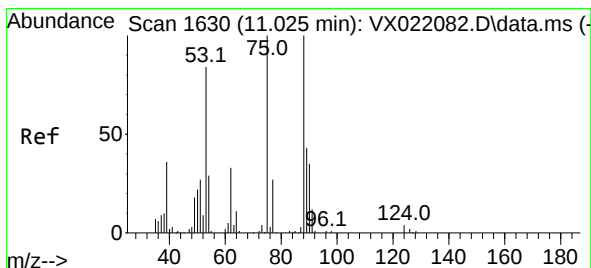
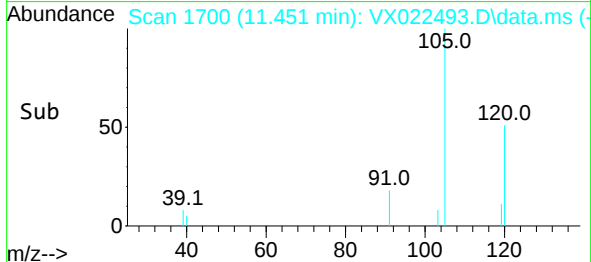
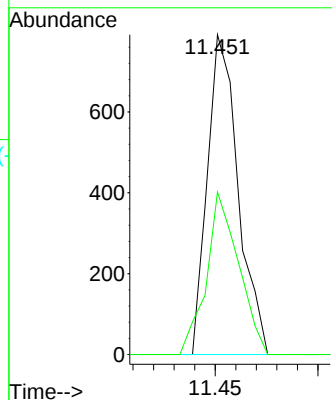
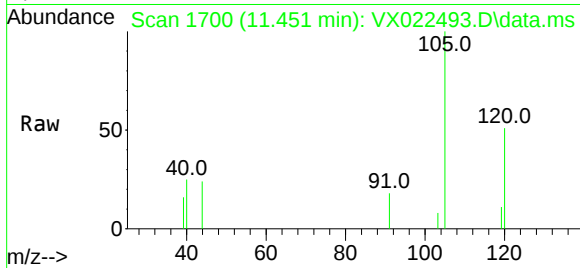




#80
1,3,5-Trimethylbenzene
Concen: 0.267 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

Instrument :
MSVOA_X
ClientSampleId :
PB136829ZHE#02

Tgt Ion:105 Resp: 821
Ion Ratio Lower Upper
105 100
120 53.1 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 65.180 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022493.D
Acq: 06 Jun 2021 21:17

Tgt Ion: 75 Resp: 29744
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

