

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022316.D
 Acq On : 02 Jun 2021 02:00
 Operator : JC/MD
 Sample : PB136731ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB136731ZHE#02

Quant Time: Jun 02 05:33:39 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)

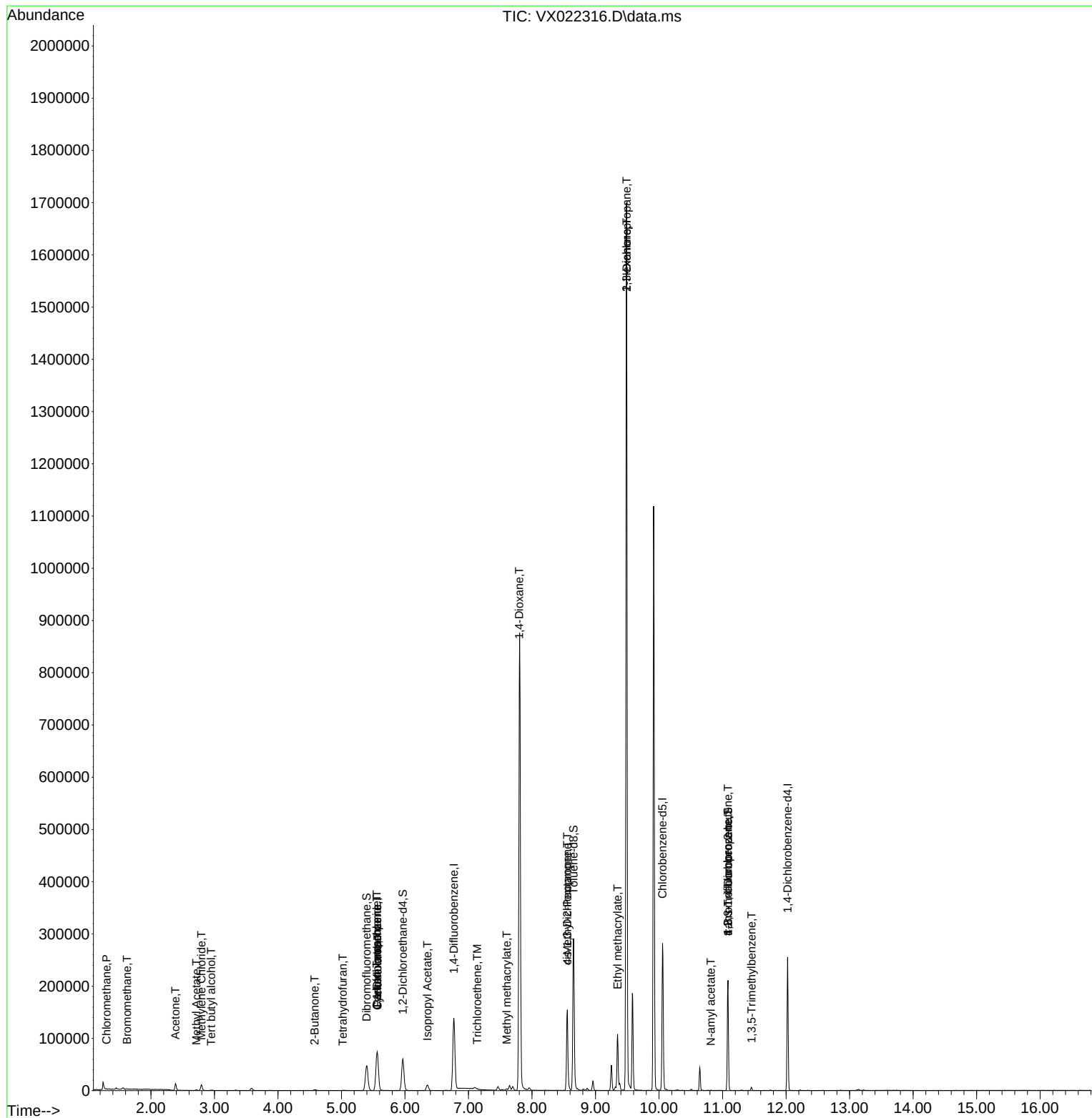
Internal Standards						
1) Pentafluorobenzene	5.562	168	64195	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	135492	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54372	54.91	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.82%			
35) Dibromofluoromethane	5.397	113	41340	48.11	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.22%			
50) Toluene-d8	8.653	98	169303	51.15	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.30%			
62) 4-Bromofluorobenzene	11.085	95	57235	46.78	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.56%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	197	0.23	ug/l	# 42
5) Bromomethane	1.624	94	324	0.62	ug/l	# 74
11) Tert butyl alcohol	2.947	59	707	3.12	ug/l	# 73
16) Acetone	2.386	43	13391	31.06	ug/l	91
18) Methyl Acetate	2.715	43	1648	1.44	ug/l	# 88
20) Methylene Chloride	2.794	84	4587	4.79	ug/l	# 81
25) 2-Butanone	4.574	43	2329	3.34	ug/l	# 79
29) Tetrahydrofuran	5.019	42	289	0.70	ug/l	# 43
31) Cyclohexane	5.568	56	1961	1.58	ug/l	# 55
36) 1,1-Dichloropropene	5.556	75	6132	4.89	ug/l	# 45
38) Carbon Tetrachloride	5.556	117	7496	6.12	ug/l	# 16
43) Isopropyl Acetate	6.354	43	15071	6.00	ug/l	# 92
44) Trichloroethene	7.135	130	214	0.22	ug/l	91
48) Methyl methacrylate	7.604	41	3735	3.23	ug/l	# 10
49) 1,4-Dioxane	7.799	88	79	3.50	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	54027	35.90	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	24817	14.98	ug/l	# 66
56) Ethyl methacrylate	9.348	69	342	0.21	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	14445	8.54	ug/l	# 42
59) 2-Hexanone	9.488	43	193514	170.98	ug/l	# 44
74) N-amyl acetate	10.817	43	436	0.23	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	29718	25.84	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	2859	0.87	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.085	75	29718	61.22	ug/l	# 12

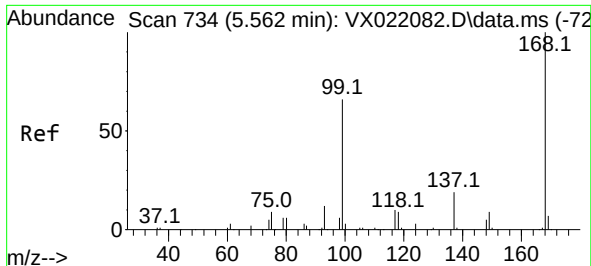
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
Data File : VX022316.D
Acq On : 02 Jun 2021 02:00
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Sample : PB136731ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB136731ZHE#02

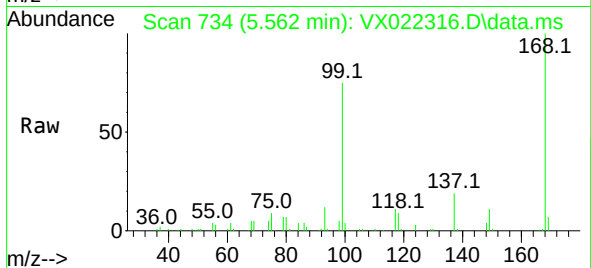
Quant Time: Jun 02 05:33:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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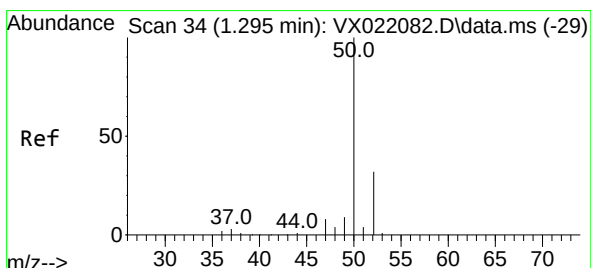
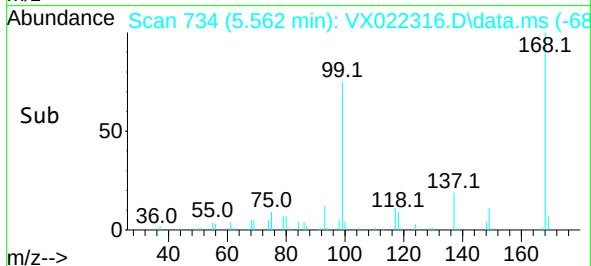
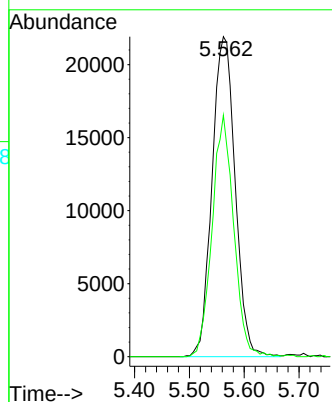


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

Instrument :
MSVOA_X
ClientSampleId :
PB136731ZHE#02

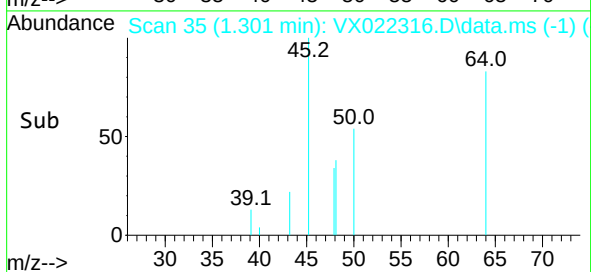
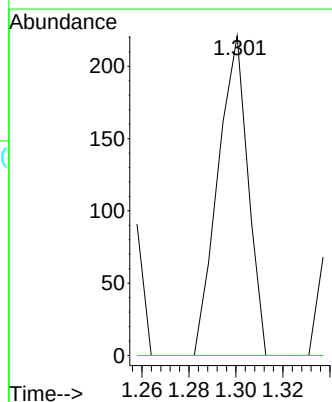
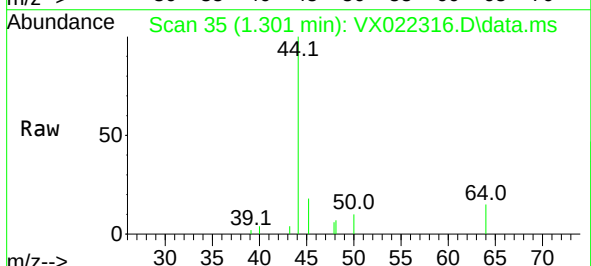


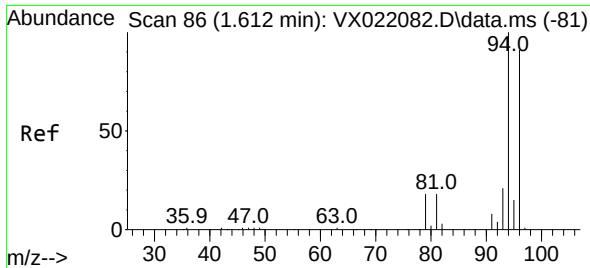
Tgt Ion:168 Resp: 64195
Ion Ratio Lower Upper
168 100
99 75.4 45.8 68.6#



#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

Tgt Ion: 50 Resp: 197
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

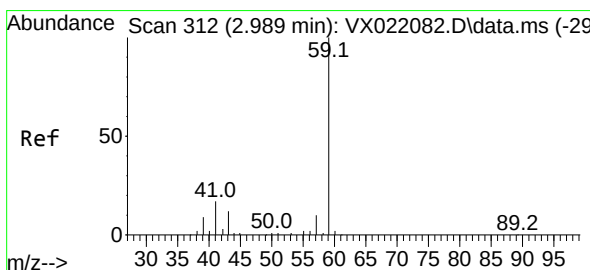
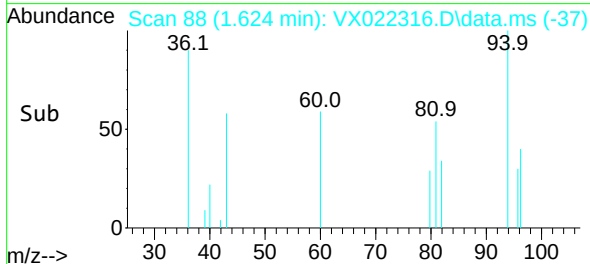
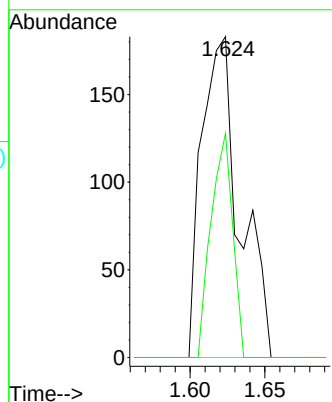
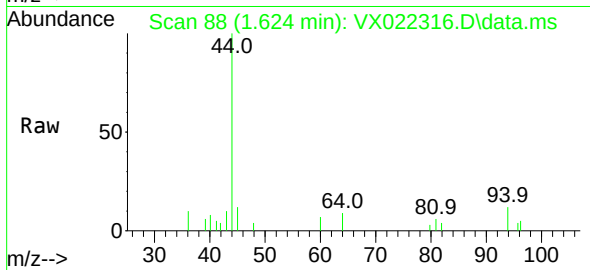




#5
Bromomethane
Concen: 0.62 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

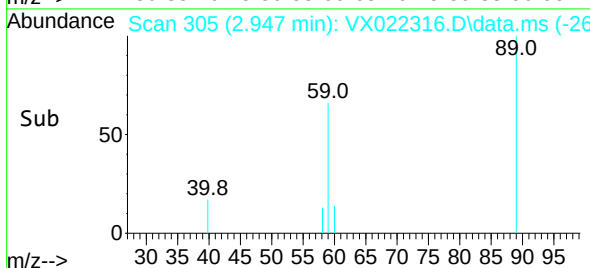
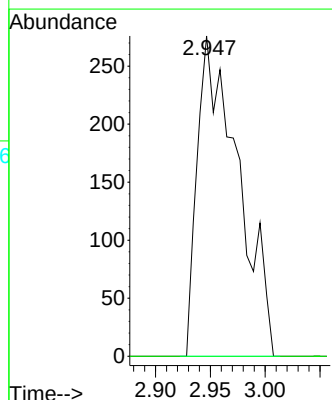
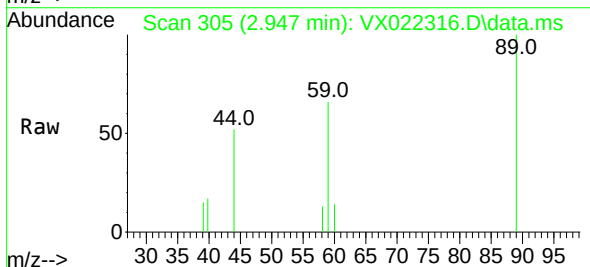
Instrument :
MSVOA_X
ClientSampleId :
PB136731ZHE#02

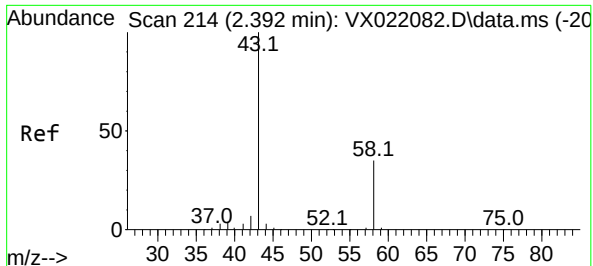
Tgt Ion: 94 Resp: 324
Ion Ratio Lower Upper
94 100
96 69.9 76.4 114.6#



#11
Tert butyl alcohol
Concen: 3.12 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

Tgt Ion: 59 Resp: 707
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

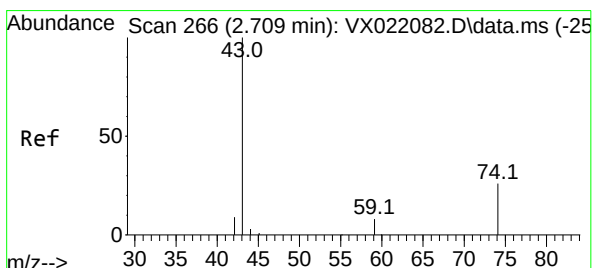
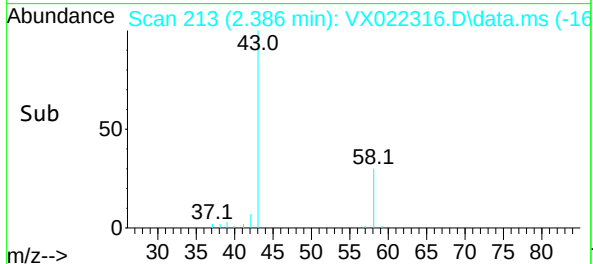
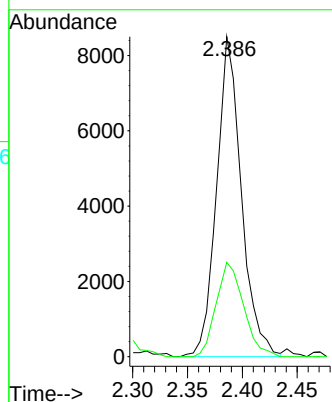
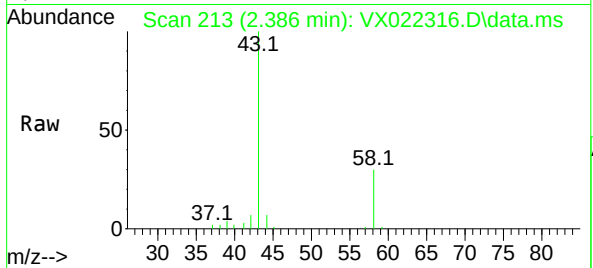




#16
Acetone
Concen: 31.06 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

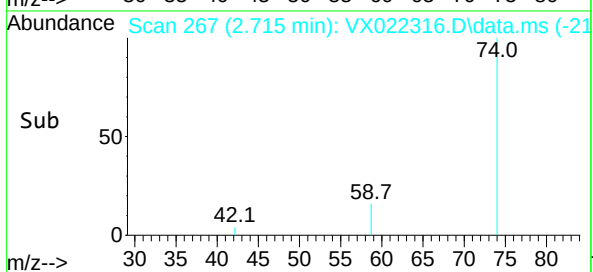
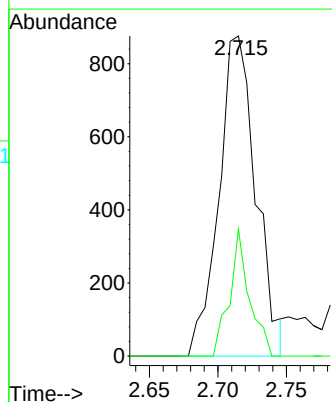
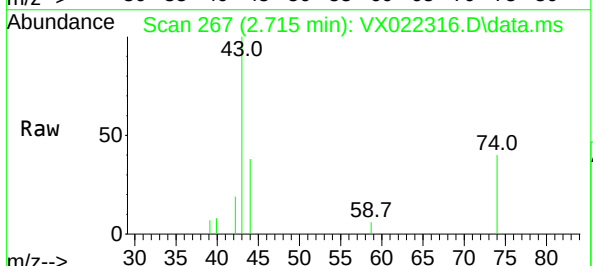
Instrument :
MSVOA_X
ClientSampleId :
PB136731ZHE#02

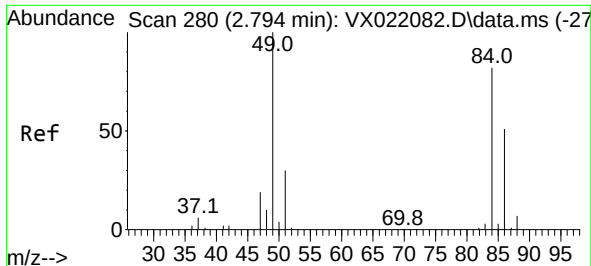
Tgt Ion: 43 Resp: 13391
Ion Ratio Lower Upper
43 100
58 29.5 27.8 41.8



#18
Methyl Acetate
Concen: 1.44 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

Tgt Ion: 43 Resp: 1648
Ion Ratio Lower Upper
43 100
74 21.2 21.9 32.9#

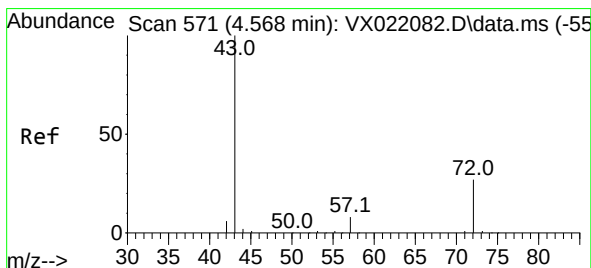
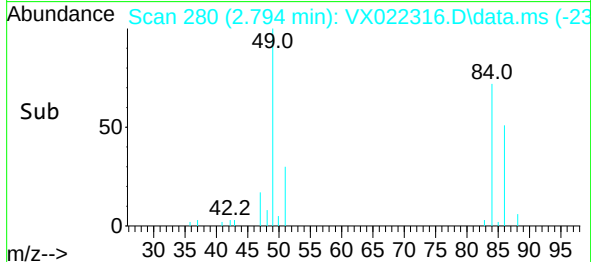
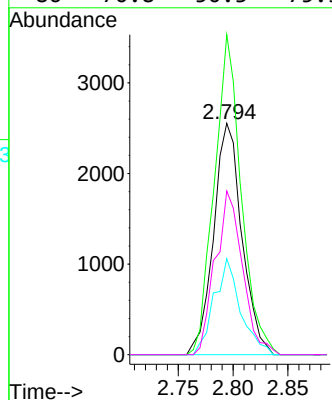
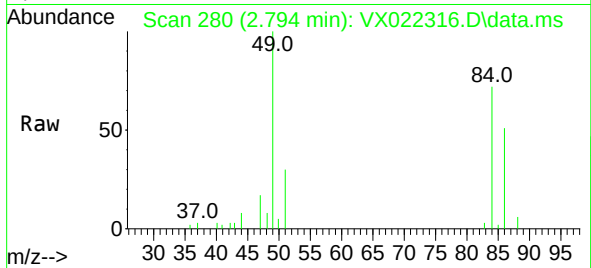




#20
Methylene Chloride
Concen: 4.79 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

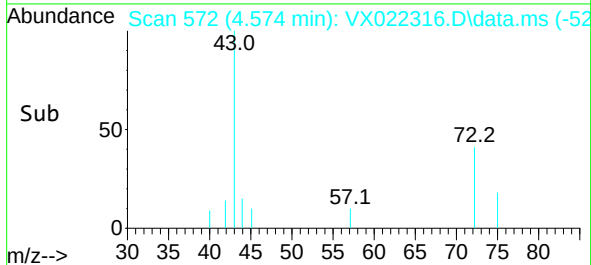
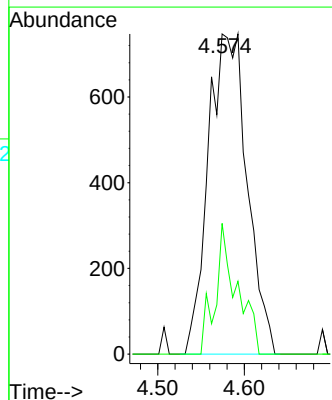
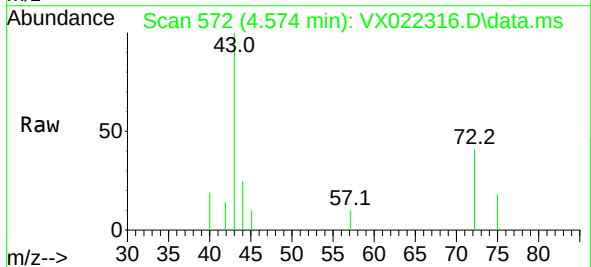
Instrument :
MSVOA_X
ClientSampleId :
PB136731ZHE#02

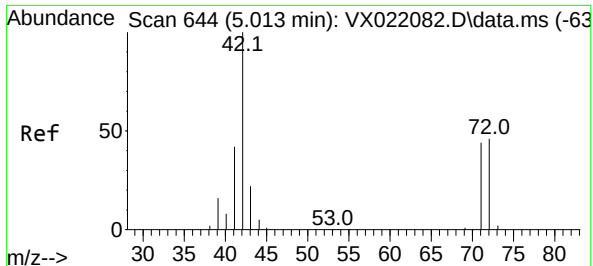
Tgt Ion:	84	Resp:	4587
Ion	Ratio	Lower	Upper
84	100		
49	138.3	88.6	132.8#
51	41.5	27.0	40.6#
86	70.8	50.3	75.5



#25
2-Butanone
Concen: 3.34 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

Tgt Ion:	43	Resp:	2329
Ion	Ratio	Lower	Upper
43	100		
72	40.8	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.70 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.006 min

Lab File: VX022316.D

Acq: 02 Jun 2021 02:00

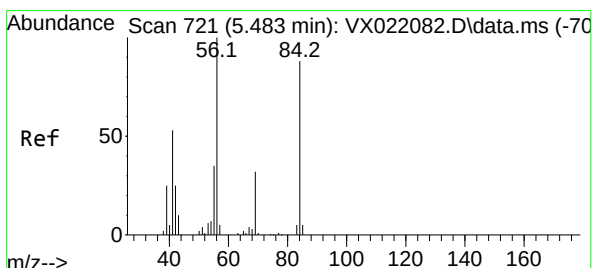
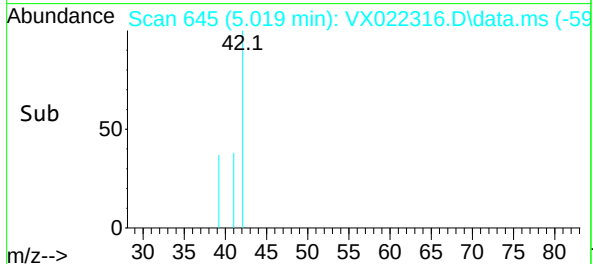
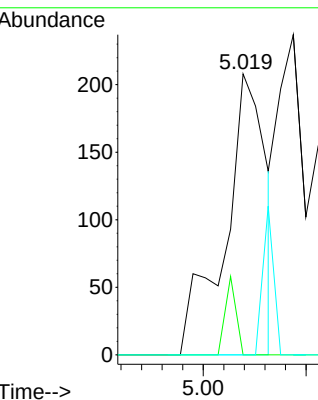
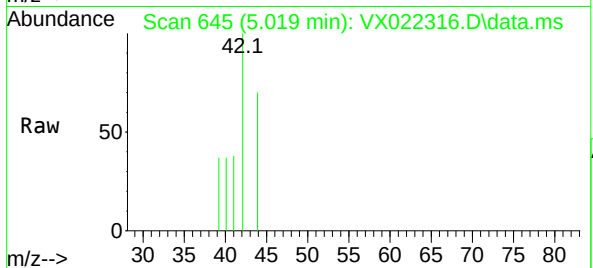
Tgt Ion: 42 Resp: 289

Ion Ratio Lower Upper

42 100

72 7.3 41.7 62.5#

71 13.8 38.4 57.6#



#31

Cyclohexane

Concen: 1.58 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.085 min

Lab File: VX022316.D

Acq: 02 Jun 2021 02:00

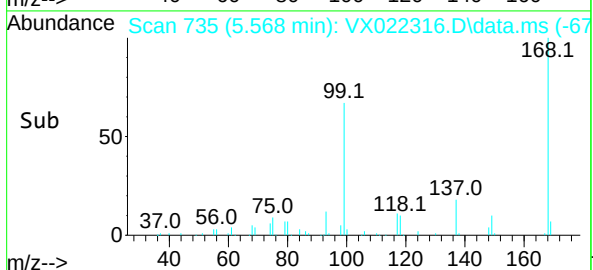
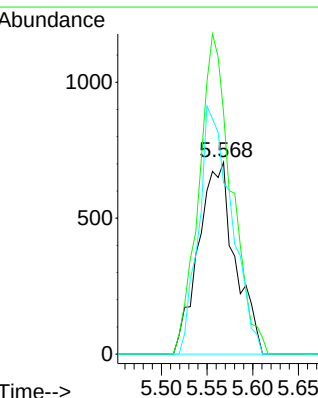
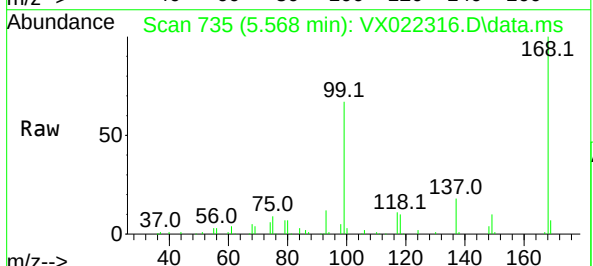
Tgt Ion: 56 Resp: 1961

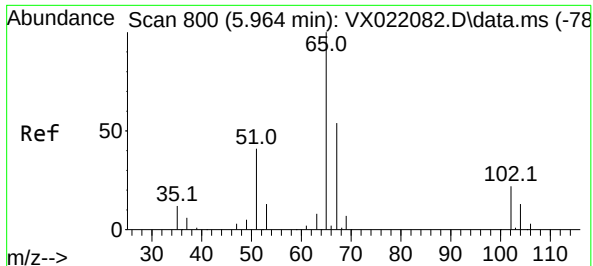
Ion Ratio Lower Upper

56 100

69 125.9 25.3 37.9#

84 89.2 71.4 107.0

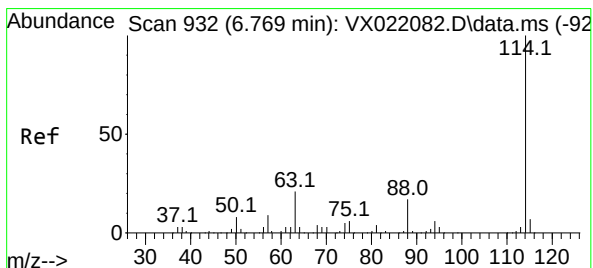
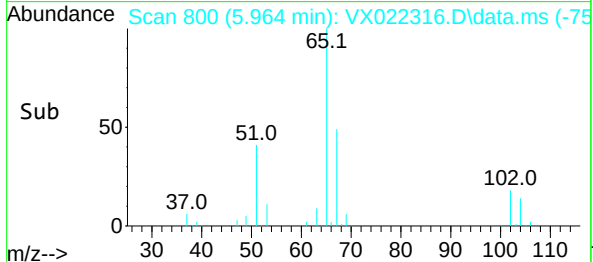
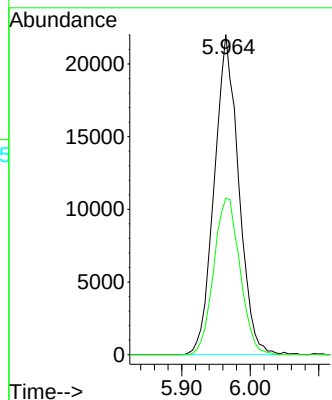
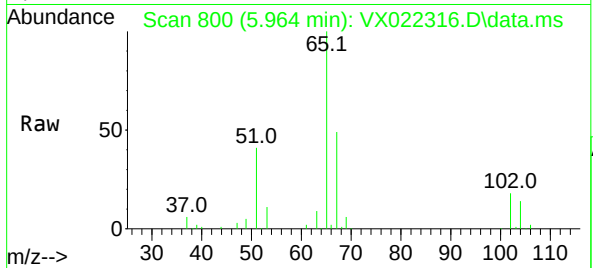




#33
1,2-Dichloroethane-d4
Concen: 54.91 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

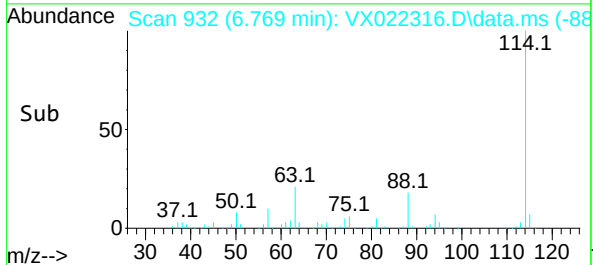
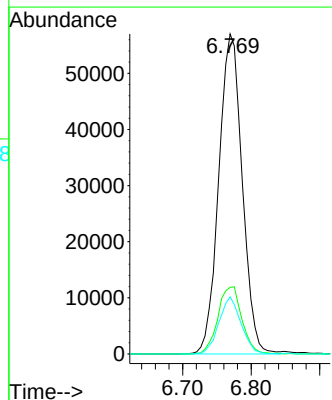
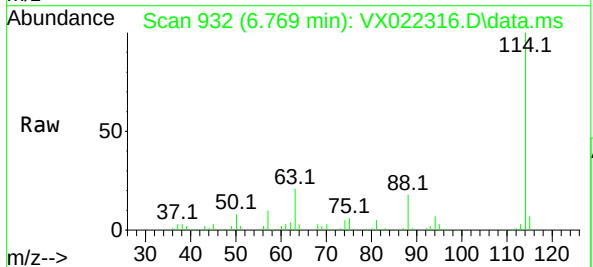
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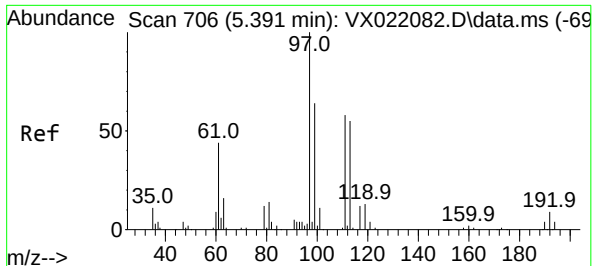
Tgt Ion: 65 Resp: 54372
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

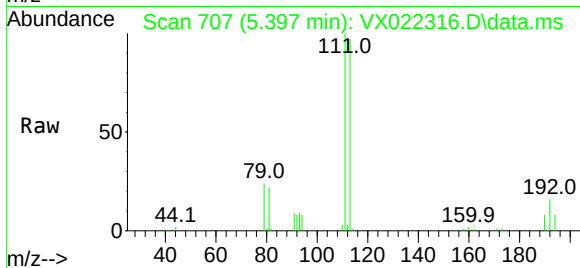
Tgt Ion: 114 Resp: 135492
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 17.9 0.0 32.8



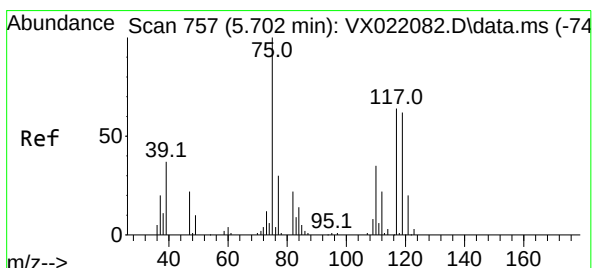
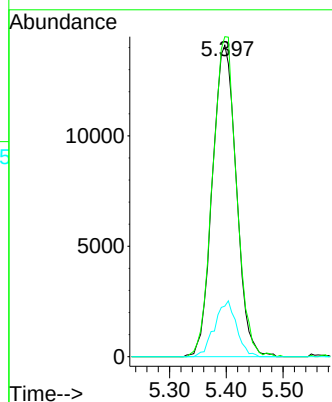
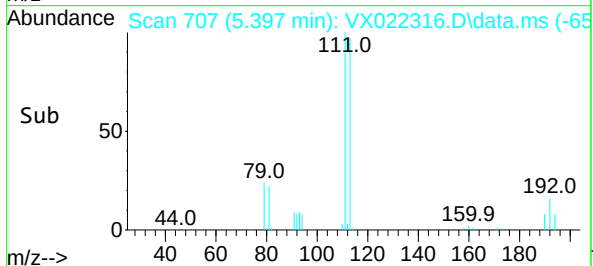


#35
Dibromofluoromethane
Concen: 48.11 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

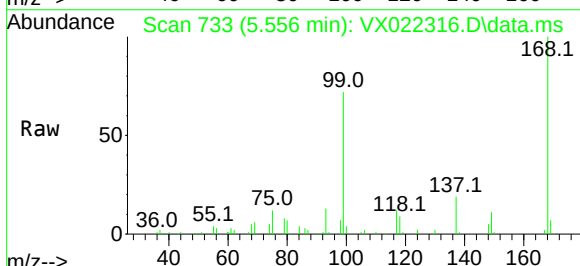
Instrument :
MSVOA_X
ClientSampleId :
PB136731ZHE#02



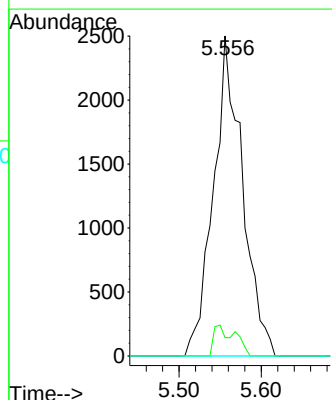
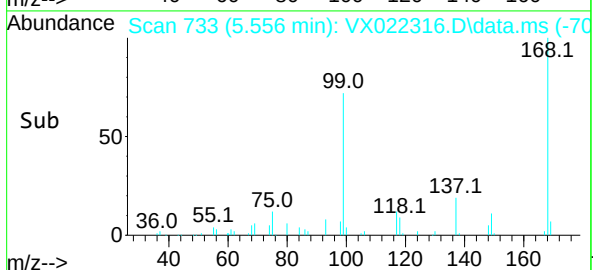
Tgt Ion:113 Resp: 41340
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 16.4 16.7 25.1#

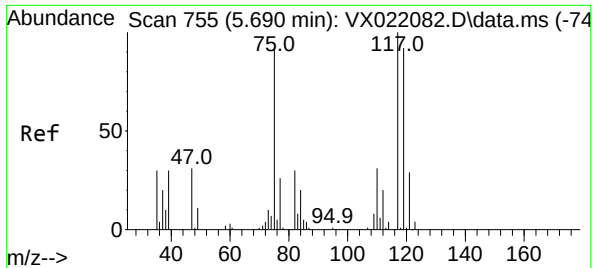


#36
1,1-Dichloropropene
Concen: 4.89 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00



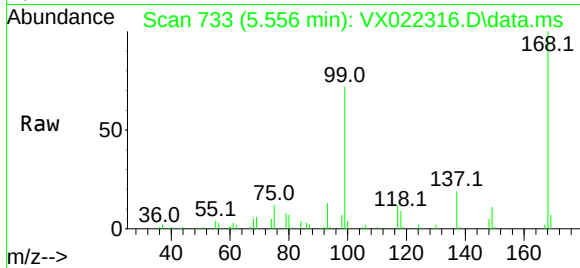
Tgt Ion: 75 Resp: 6132
Ion Ratio Lower Upper
75 100
110 4.5 18.1 54.4#
77 0.0 25.3 37.9#



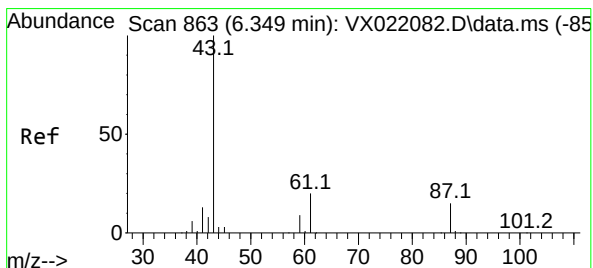
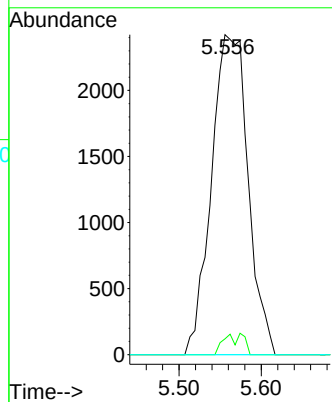
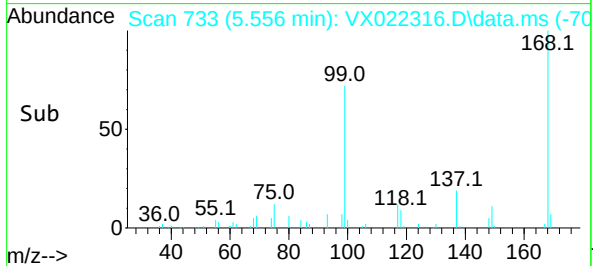


#38
Carbon Tetrachloride
Concen: 6.12 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

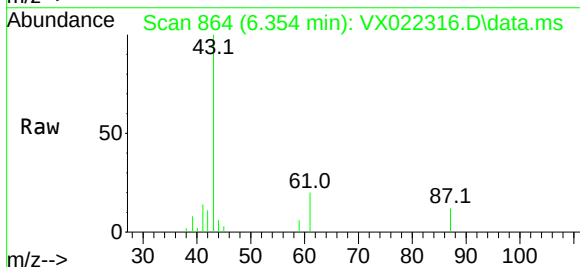
Instrument :
MSVOA_X
ClientSampleId :
PB136731ZHE#02



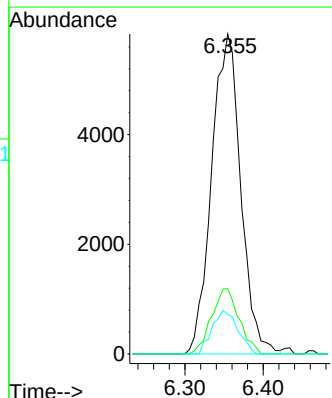
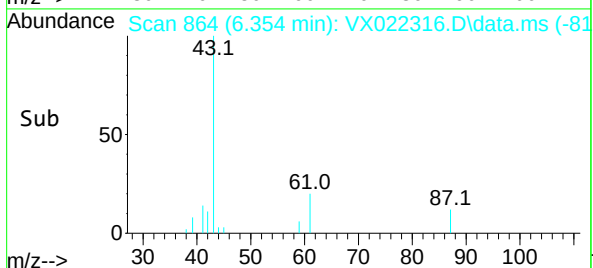
Tgt Ion:117 Resp: 7496
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#

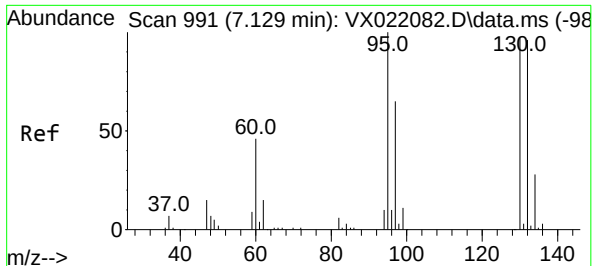


#43
Isopropyl Acetate
Concen: 6.00 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.005 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00



Tgt Ion: 43 Resp: 15071
Ion Ratio Lower Upper
43 100
61 19.3 18.2 27.4
87 12.0 12.5 18.7#

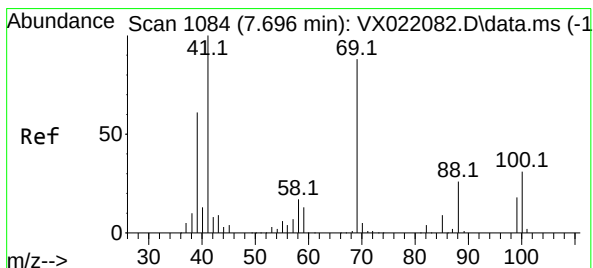
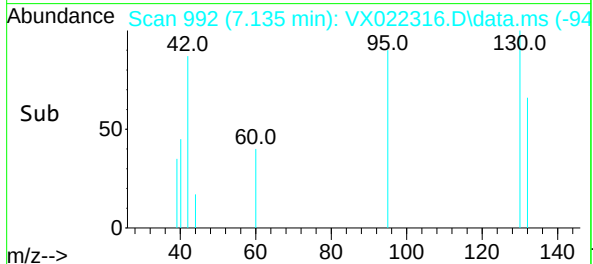
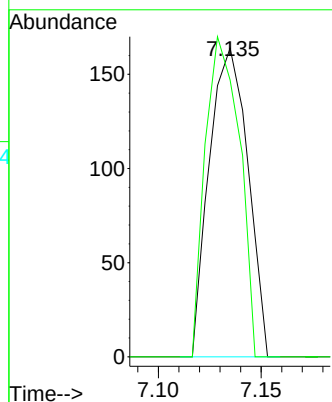
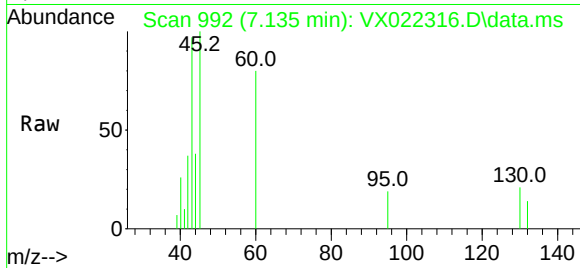




#44
Trichloroethene
Concen: 0.22 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

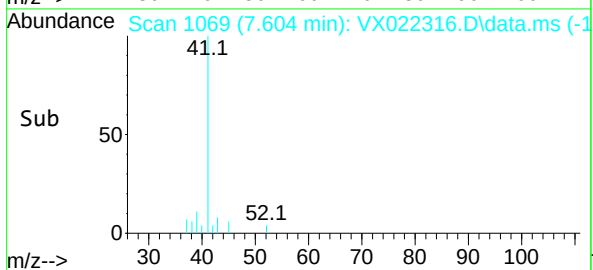
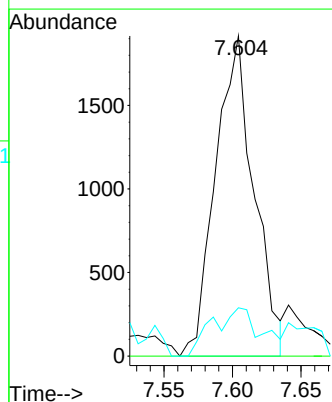
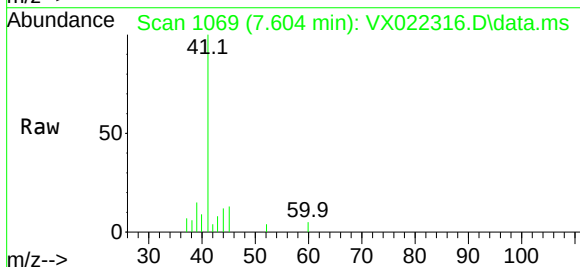
Instrument :
MSVOA_X
ClientSampleId :
PB136731ZHE#02

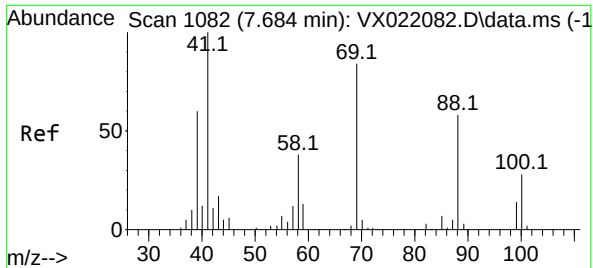
Tgt Ion:130 Resp: 214
Ion Ratio Lower Upper
130 100
95 89.6 0.0 198.0



#48
Methyl methacrylate
Concen: 3.23 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

Tgt Ion: 41 Resp: 3735
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

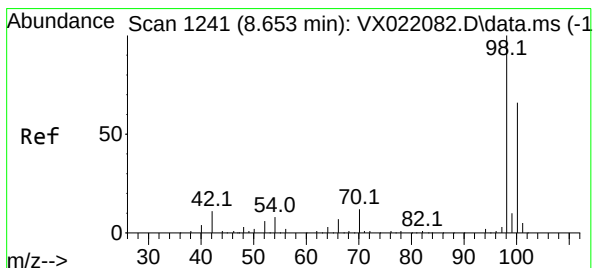
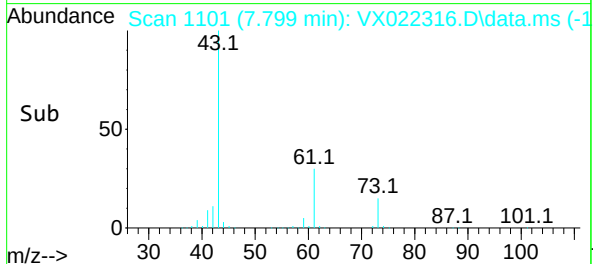
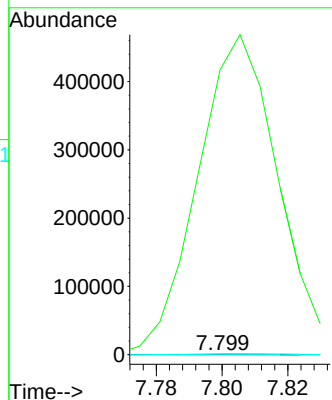
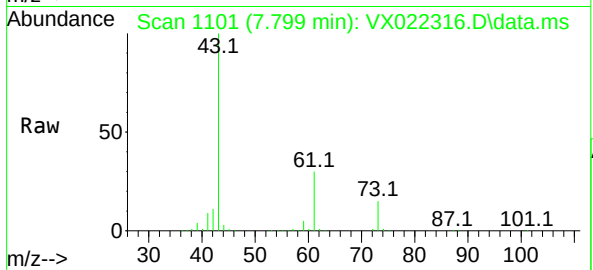




#49
1,4-Dioxane
Concen: 3.50 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.115 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

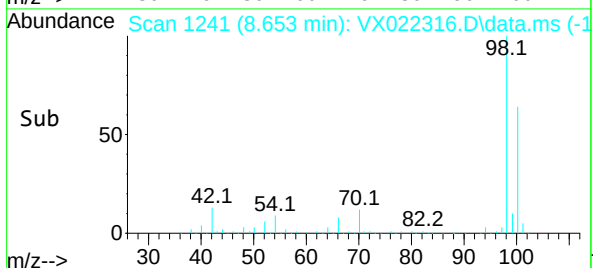
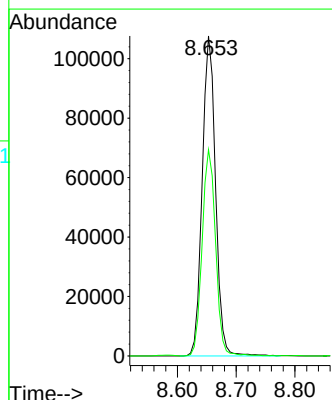
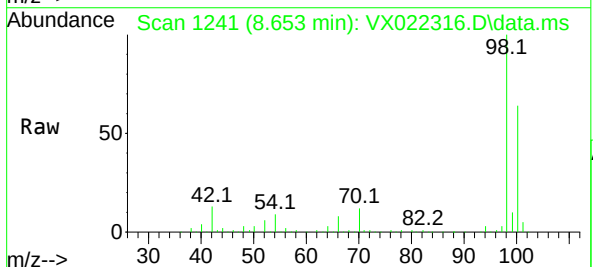
Instrument :
MSVOA_X
ClientSampleId :
PB136731ZHE#02

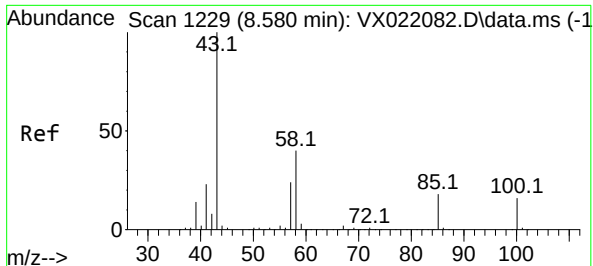
Tgt Ion: 88 Resp: 79
Ion Ratio Lower Upper
88 100
43 1023993.7 23.2 34.8#
58 3905.1 55.0 82.4#



#50
Toluene-d8
Concen: 51.15 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

Tgt Ion: 98 Resp: 169303
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

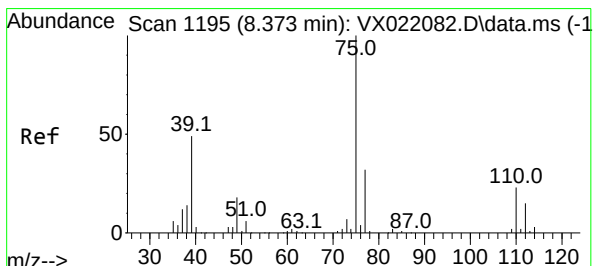
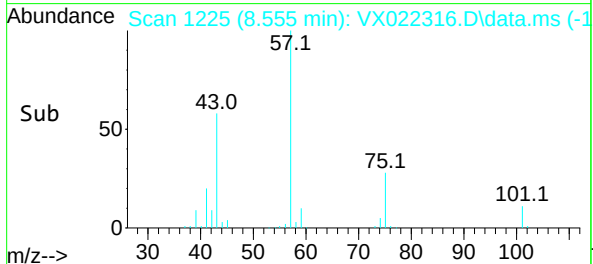
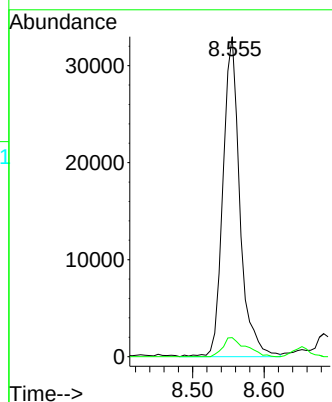
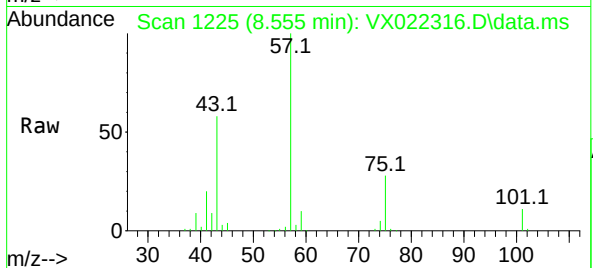




#51
4-Methyl-2-Pentanone
Concen: 35.90 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

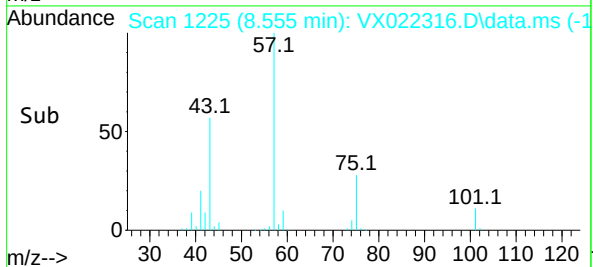
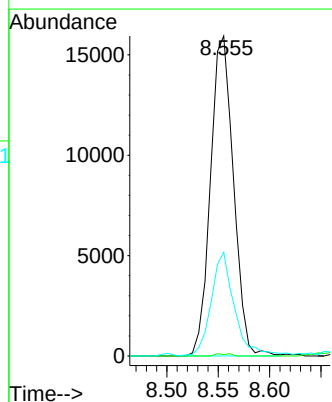
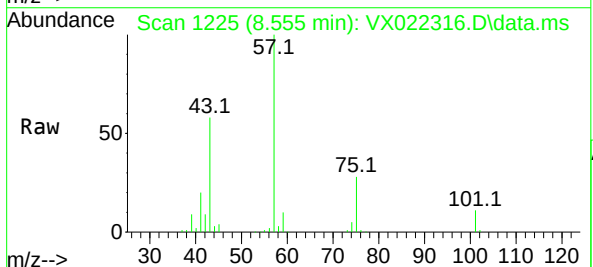
Instrument :
MSVOA_X
ClientSampleId :
PB136731ZHE#02

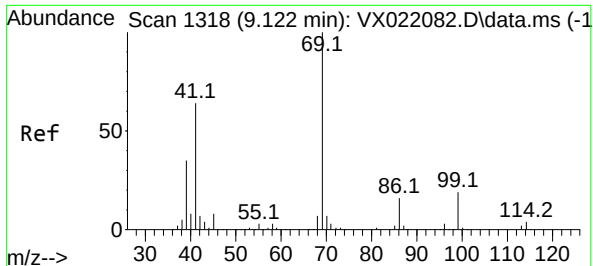
Tgt Ion: 43 Resp: 54027
Ion Ratio Lower Upper
43 100
58 8.1 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 14.98 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

Tgt Ion: 75 Resp: 24817
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 32.4 35.1 52.7#

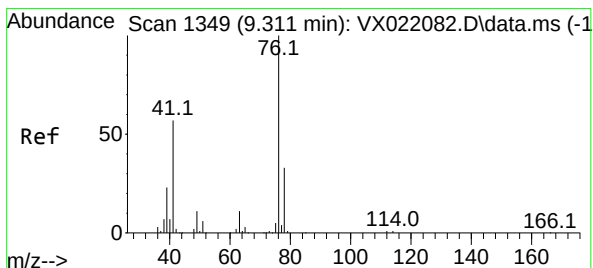
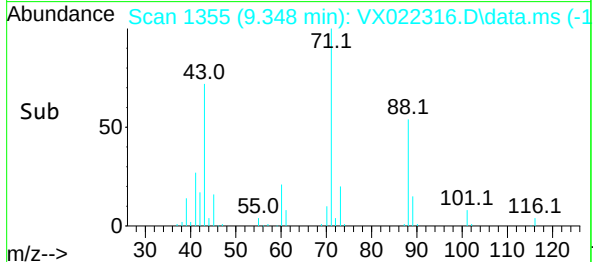
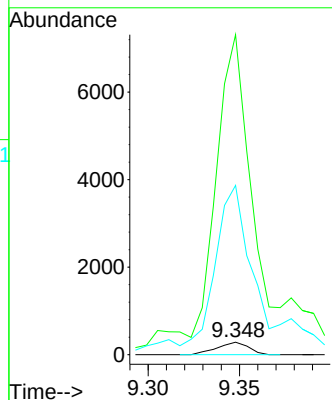
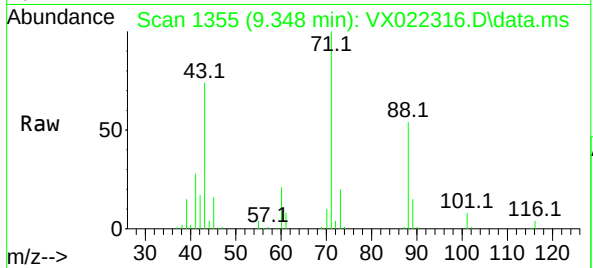




#56
Ethyl methacrylate
Concen: 0.21 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. 0.226 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

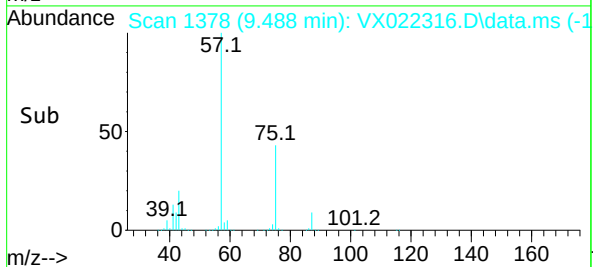
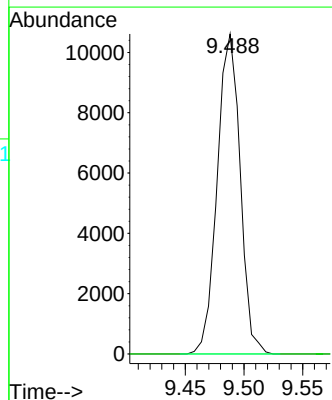
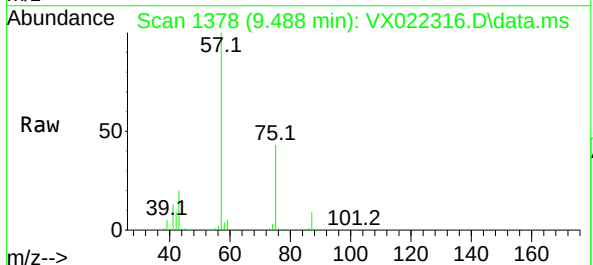
Instrument :
MSVOA_X
ClientSampleId :
PB136731ZHE#02

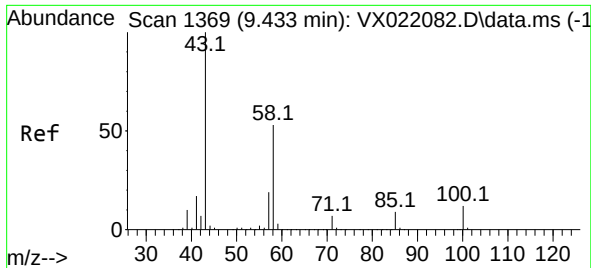
Tgt Ion: 69 Resp: 342
Ion Ratio Lower Upper
69 100
41 2983.3 46.8 70.2#
39 1829.5 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 8.54 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

Tgt Ion: 76 Resp: 14445
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

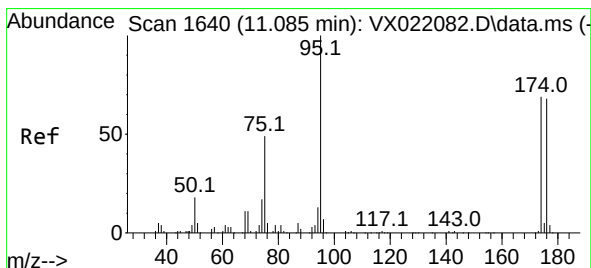
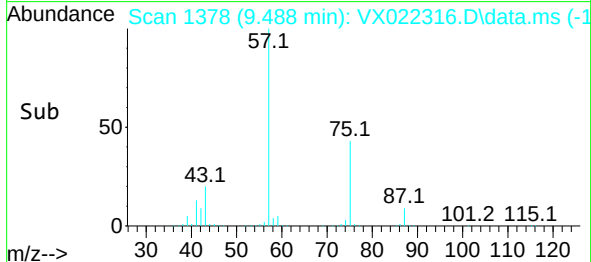
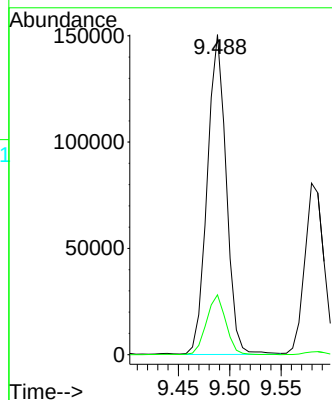
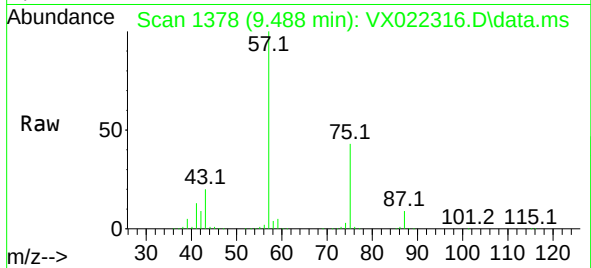




#59
2-Hexanone
Concen: 170.98 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

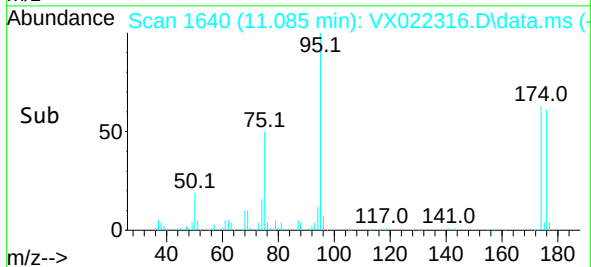
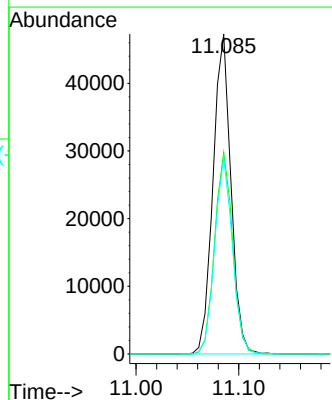
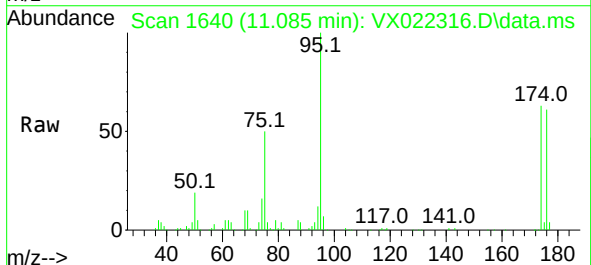
Instrument :
MSVOA_X
ClientSampleId :
PB136731ZHE#02

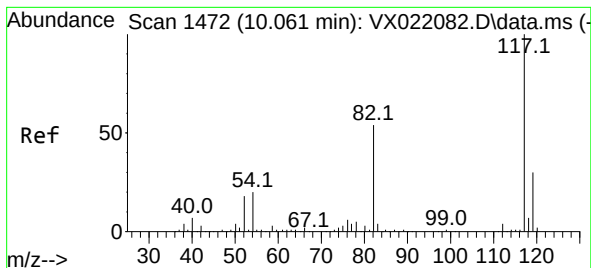
Tgt Ion: 43 Resp: 193514
Ion Ratio Lower Upper
43 100
58 19.2 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.78 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

Tgt Ion: 95 Resp: 57235
Ion Ratio Lower Upper
95 100
174 63.5 0.0 154.6
176 60.9 0.0 155.8

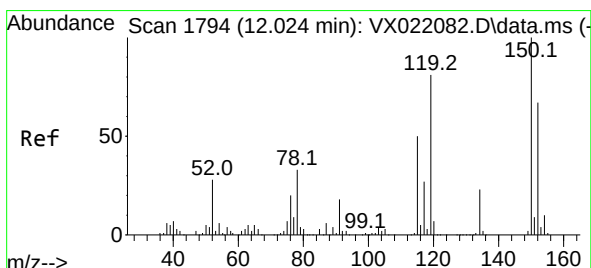
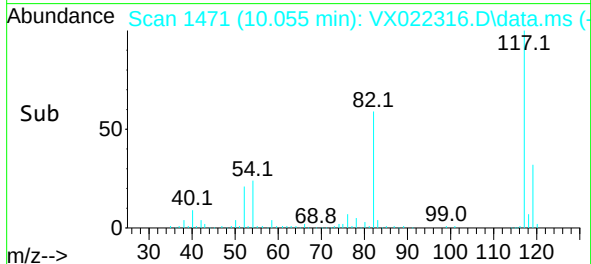
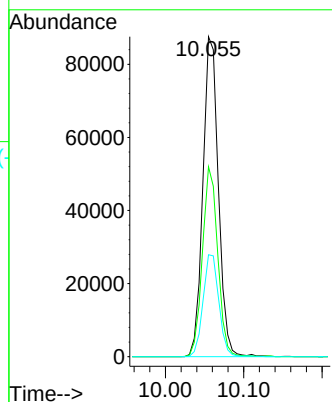
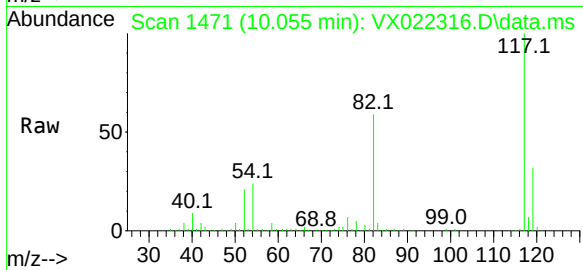




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

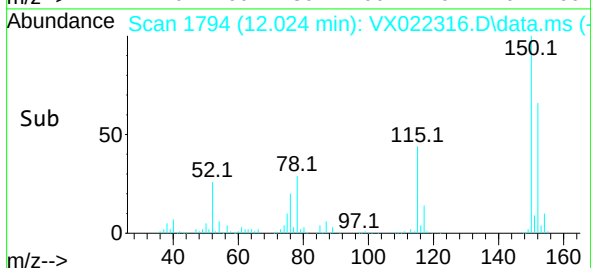
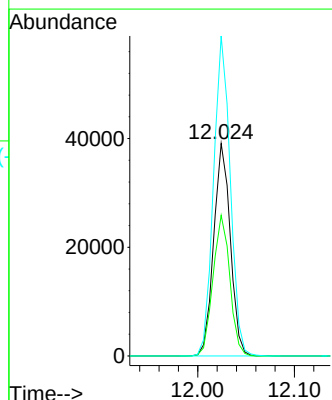
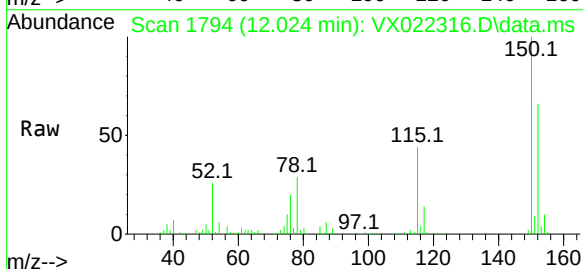
Instrument :
MSVOA_X
ClientSampleId :
PB136731ZHE#02

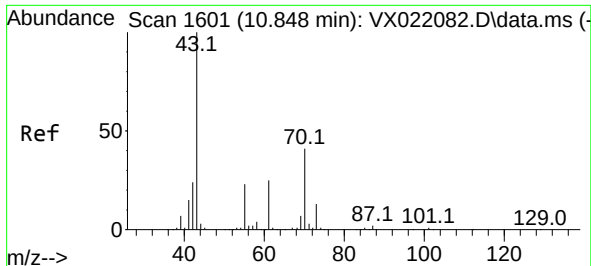
Tgt Ion:117 Resp: 120211
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

Tgt Ion:152 Resp: 46624
Ion Ratio Lower Upper
152 100
115 66.9 41.1 123.3
150 151.6 0.0 349.0

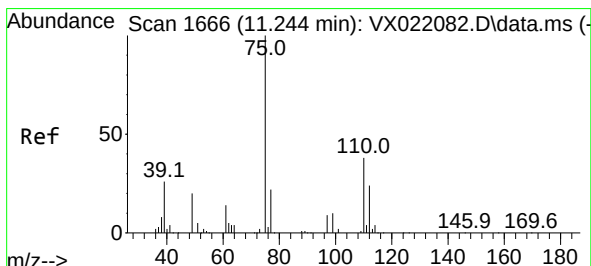
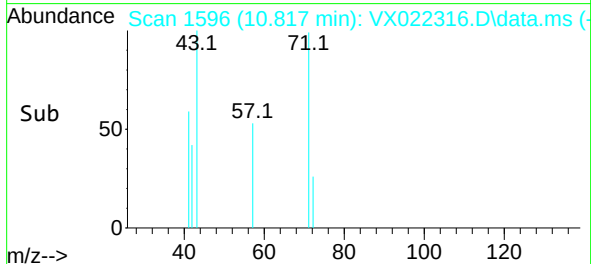
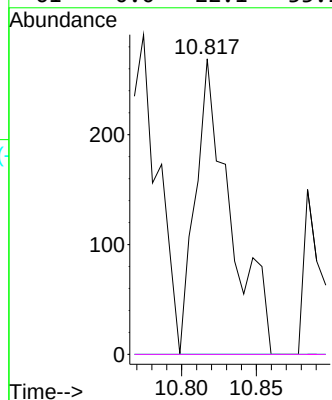
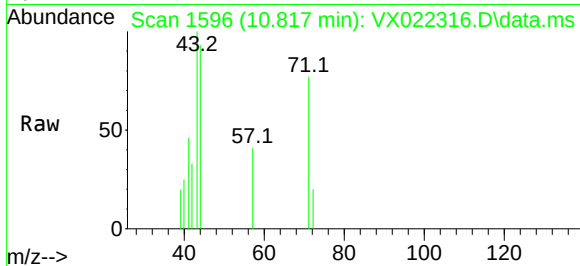




#74
N-amy1 acetate
Concen: 0.23 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.031 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

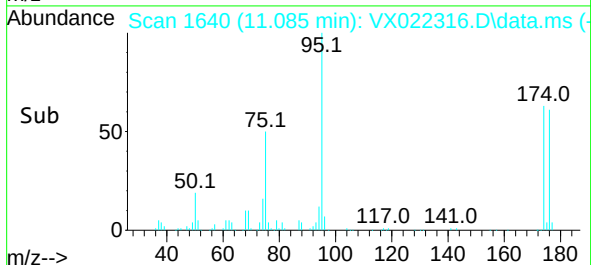
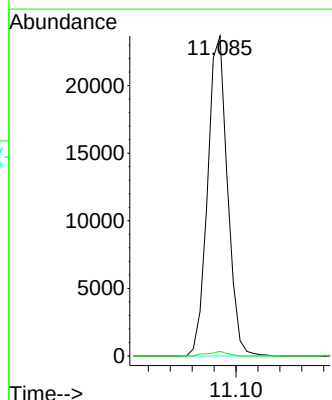
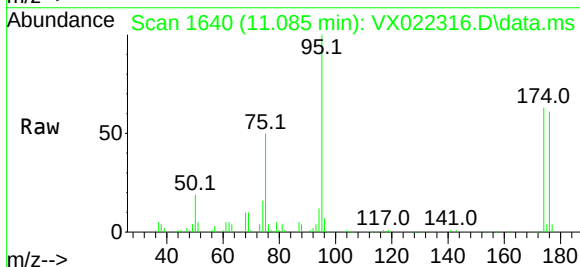
Instrument :
MSVOA_X
ClientSampleId :
PB136731ZHE#02

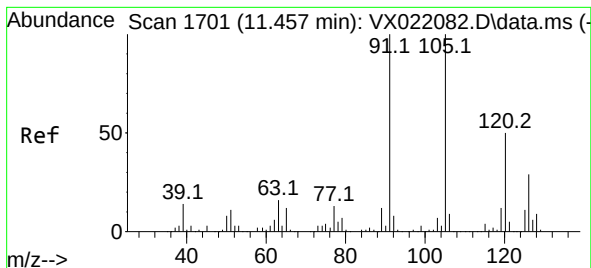
Tgt Ion: 43	Resp: 436
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 25.84 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

Tgt Ion: 75	Resp: 29718
Ion Ratio	Lower Upper
75 100	
77 1.4	19.1 57.5#

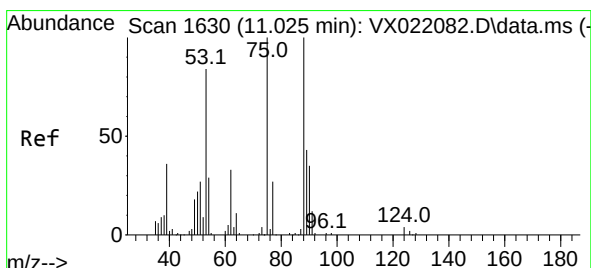
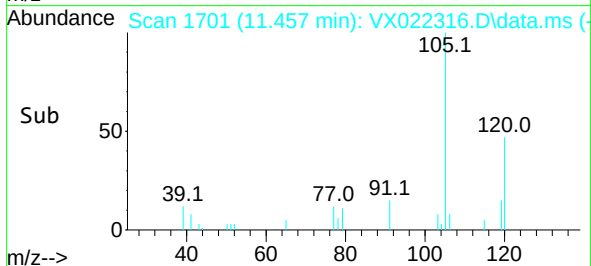
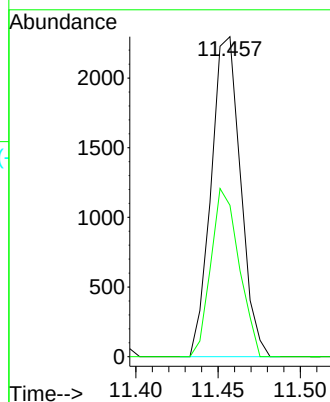
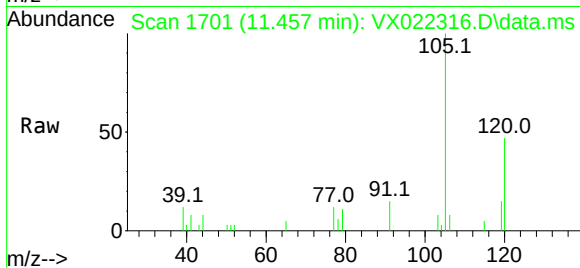




#80
1,3,5-Trimethylbenzene
Concen: 0.87 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

Instrument :
MSVOA_X
ClientSampleId :
PB136731ZHE#02

Tgt Ion:105 Resp: 2859
Ion Ratio Lower Upper
105 100
120 50.3 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 61.22 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022316.D
Acq: 02 Jun 2021 02:00

Tgt Ion: 75 Resp: 29718
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

