

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
 Data File : VX028930.D
 Acq On : 24 May 2022 18:38
 Operator : JC/MD
 Sample : N2987-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB-220516

Quant Time: May 25 01:51:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

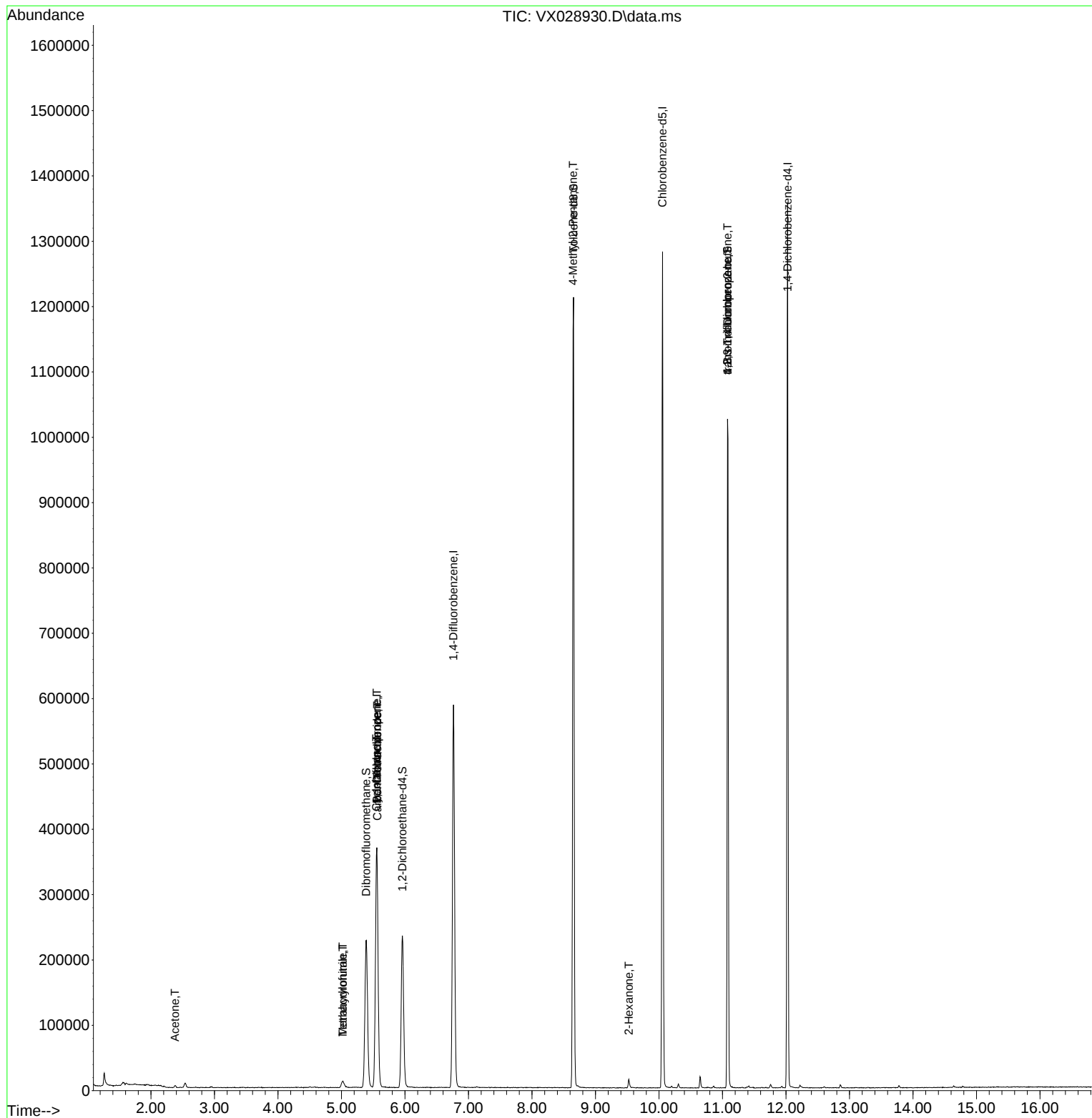
Internal Standards						
1) Pentafluorobenzene	5.556	168	346680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	610409	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	581167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	272260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	233622	49.161	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.320%
35) Dibromofluoromethane	5.385	113	200369	50.101	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.200%
50) Toluene-d8	8.653	98	722933	47.946	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.900%
62) 4-Bromofluorobenzene	11.079	95	287459	51.042	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.080%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	948	Below Cal	#	69
6) Chloroethane	1.593	64	4292	Below Cal	#	59
11) Tert butyl alcohol	2.941	59	906	Below Cal	#	72
16) Acetone	2.380	43	3268	1.602	ug/l #	86
29) Tetrahydrofuran	5.020	42	9295	4.467	ug/l	94
31) Cyclohexane	5.550	56	7185	1.089	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	26821	4.465	ug/l #	50
38) Carbon Tetrachloride	5.562	117	36372	6.017	ug/l #	14
41) Methacrylonitrile	5.020	41	5397	1.604	ug/l #	40
51) 4-Methyl-2-Pentanone	8.647	43	2796	0.432	ug/l #	1
59) 2-Hexanone	9.525	43	2017	0.402	ug/l #	42
76) 1,2,3-Trichloropropane	11.079	75	144827	22.714	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	144827	66.387	ug/l #	15

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

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Quant Time: May 25 01:51:11 2022
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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

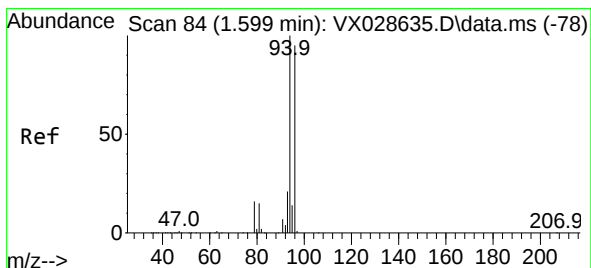
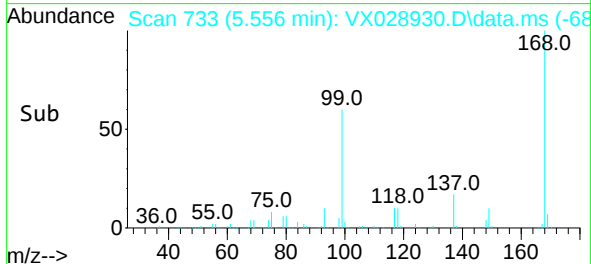
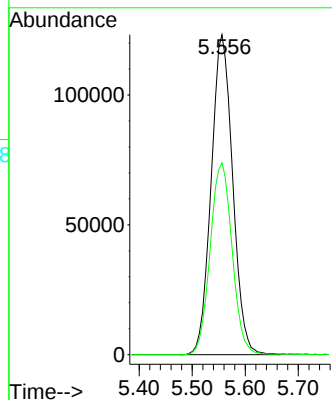
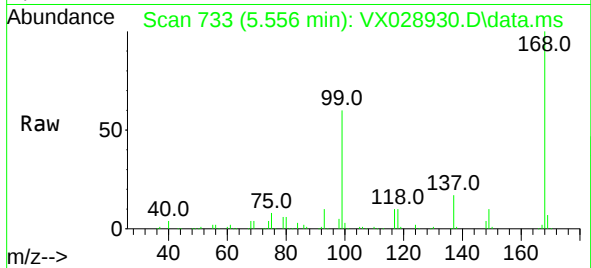




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028930.D
Acq: 24 May 2022 18:38

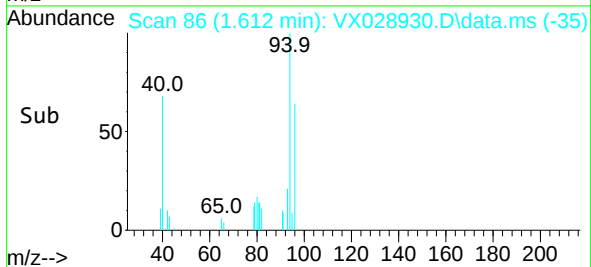
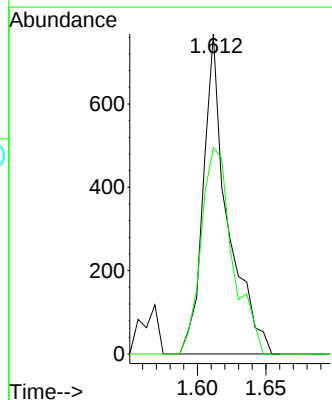
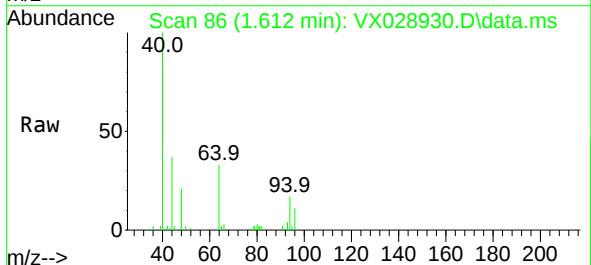
Instrument :
MSVOA_X
ClientSampleId :
RB-220516

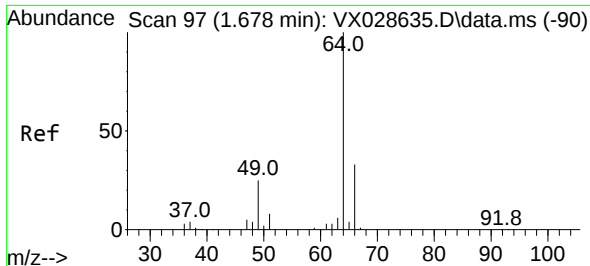
Tgt Ion:168 Resp: 346680
Ion Ratio Lower Upper
168 100
99 59.9 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX028930.D
Acq: 24 May 2022 18:38

Tgt Ion: 94 Resp: 948
Ion Ratio Lower Upper
94 100
96 64.5 75.3 112.9#

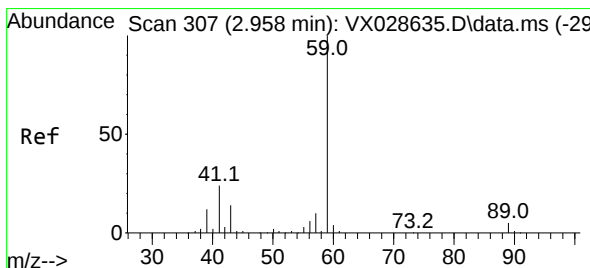
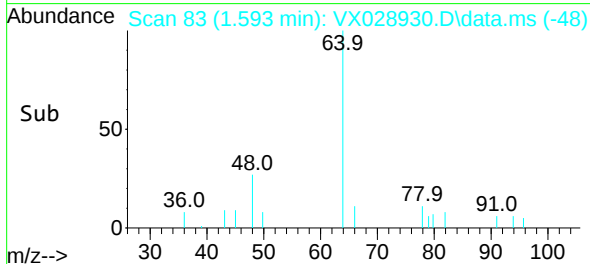
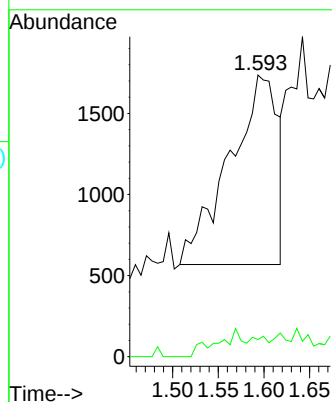
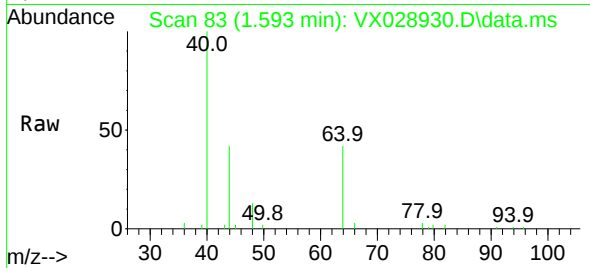




#6
Chloroethane
Concen: Below Cal
RT: 1.593 min Scan# 81
Delta R.T. -0.085 min
Lab File: VX028930.D
Acq: 24 May 2022 18:38

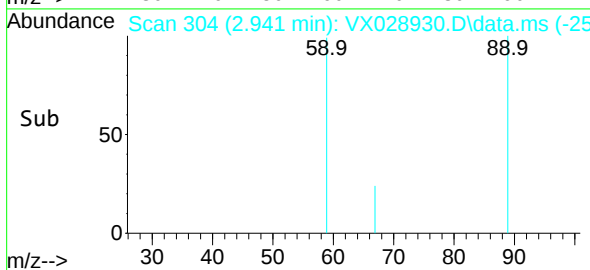
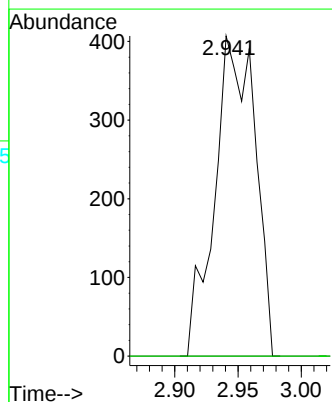
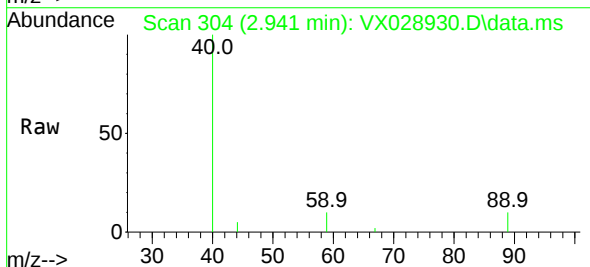
Instrument :
MSVOA_X
ClientSampleId :
RB-220516

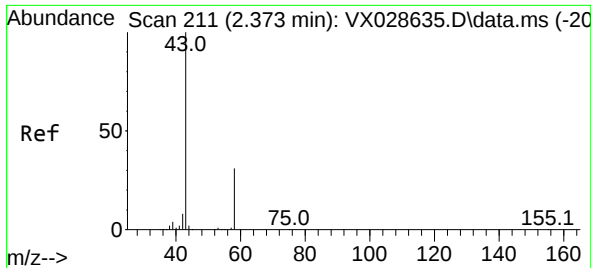
Tgt Ion: 64 Resp: 4292
Ion Ratio Lower Upper
64 100
66 9.1 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.017 min
Lab File: VX028930.D
Acq: 24 May 2022 18:38

Tgt Ion: 59 Resp: 906
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

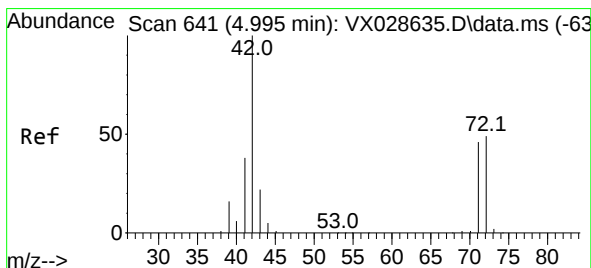
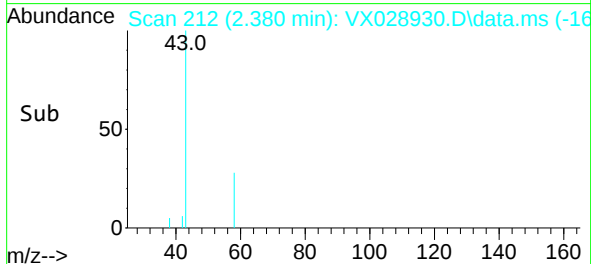
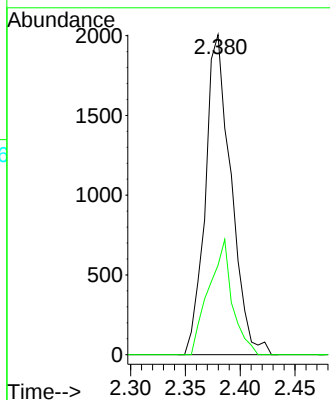
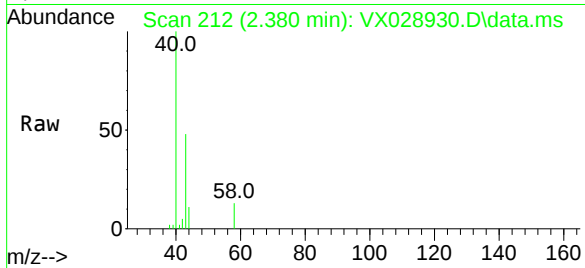




#16
Acetone
Concen: 1.602 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028930.D
Acq: 24 May 2022 18:38

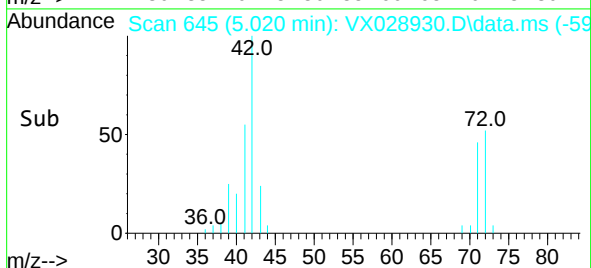
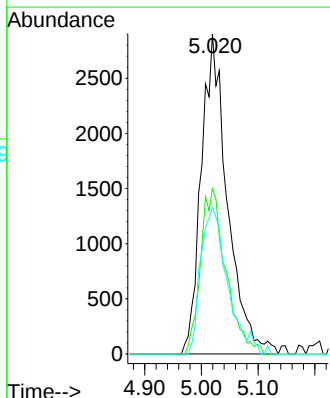
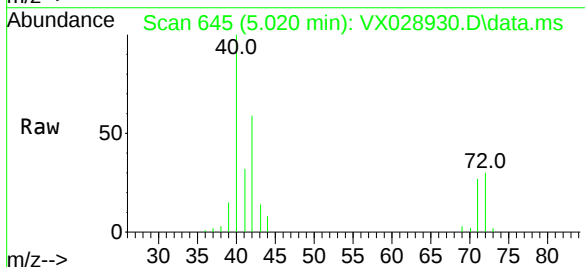
Instrument :
MSVOA_X
ClientSampleId :
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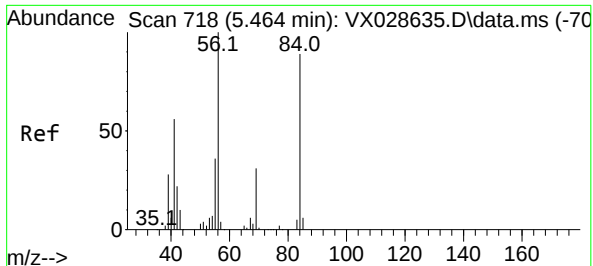
Tgt Ion: 43 Resp: 3268
Ion Ratio Lower Upper
43 100
58 28.0 28.8 43.2#



#29
Tetrahydrofuran
Concen: 4.467 ug/l
RT: 5.020 min Scan# 645
Delta R.T. 0.025 min
Lab File: VX028930.D
Acq: 24 May 2022 18:38

Tgt Ion: 42 Resp: 9295
Ion Ratio Lower Upper
42 100
72 50.1 44.1 66.1
71 46.6 40.5 60.7

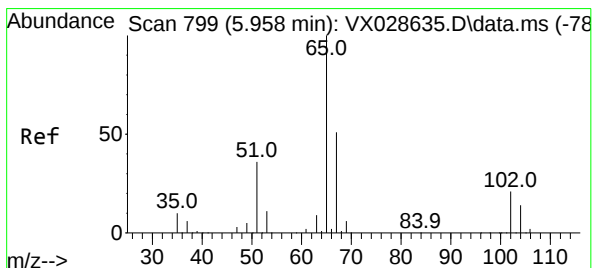
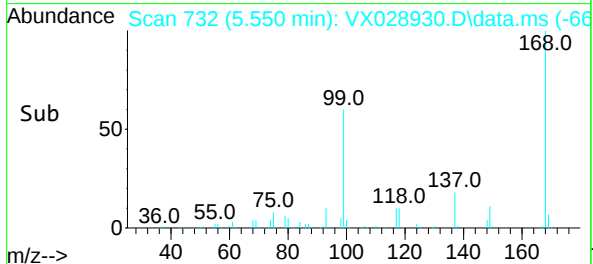
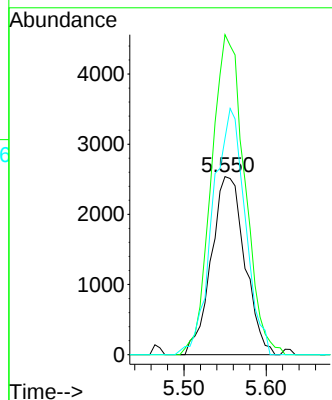
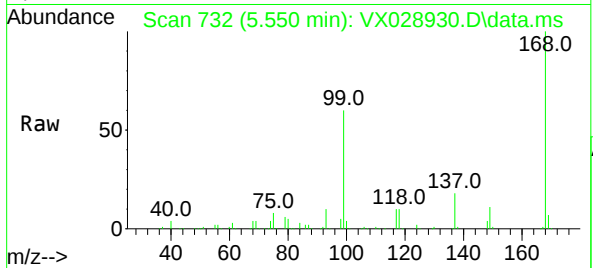




#31
Cyclohexane
Concen: 1.089 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX028930.D
Acq: 24 May 2022 18:38

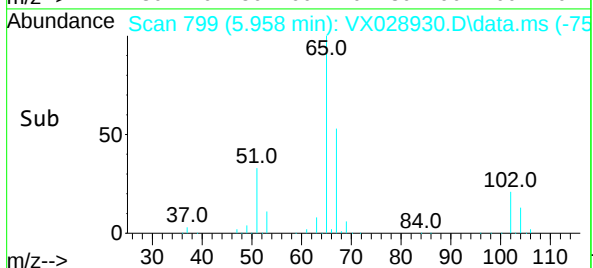
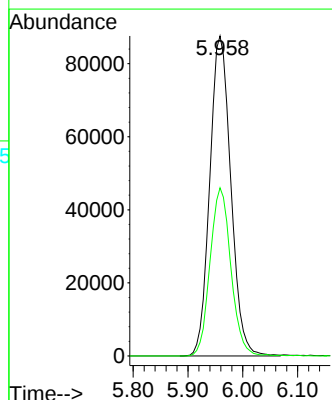
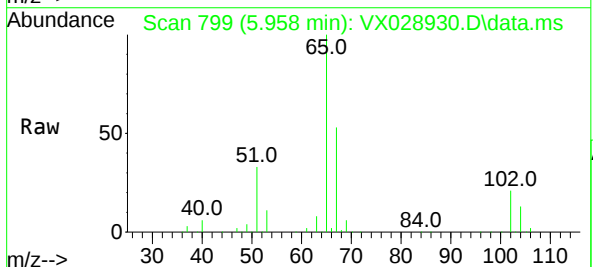
Instrument :
MSVOA_X
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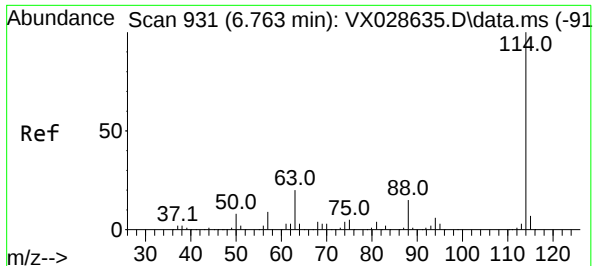
Tgt Ion: 56 Resp: 7185
Ion Ratio Lower Upper
56 100
69 179.6 26.7 40.1#
84 121.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 49.161 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028930.D
Acq: 24 May 2022 18:38

Tgt Ion: 65 Resp: 233622
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

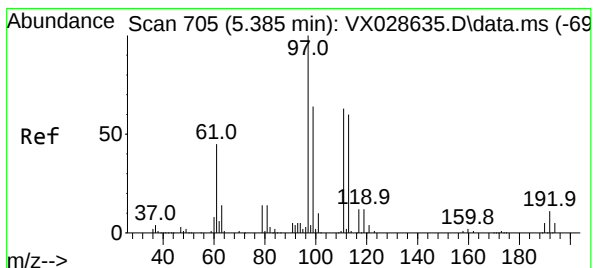
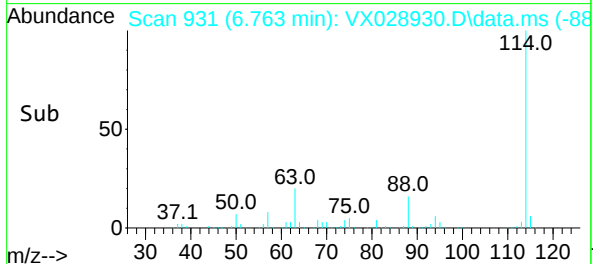
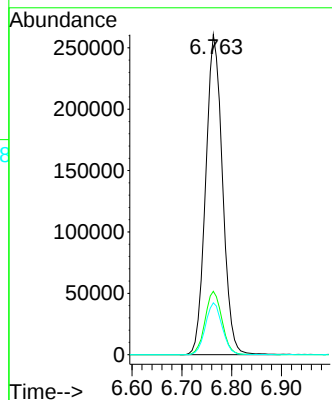
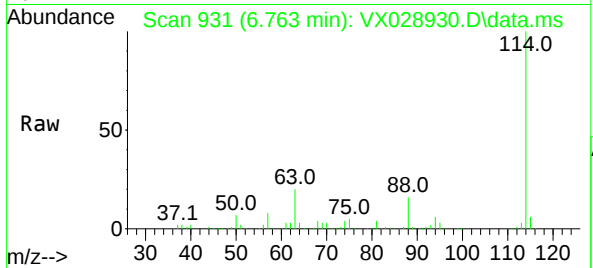




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX028930.D
Acq: 24 May 2022 18:38

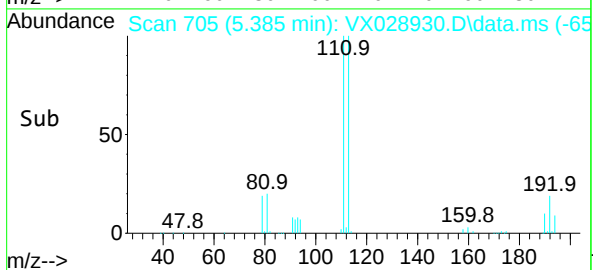
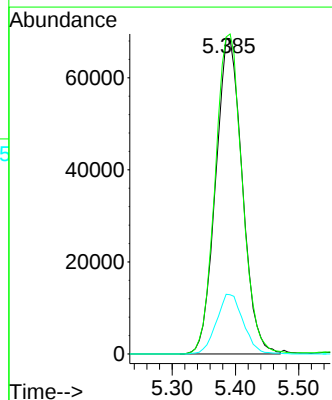
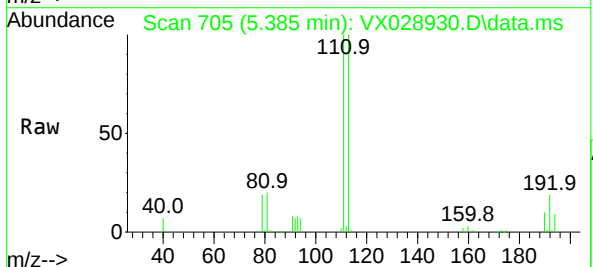
Instrument :
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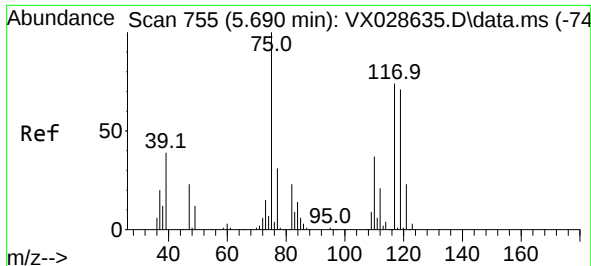
Tgt Ion:114 Resp: 610409
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.8
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.101 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028930.D
Acq: 24 May 2022 18:38

Tgt Ion:113 Resp: 200369
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 19.0 16.9 25.3

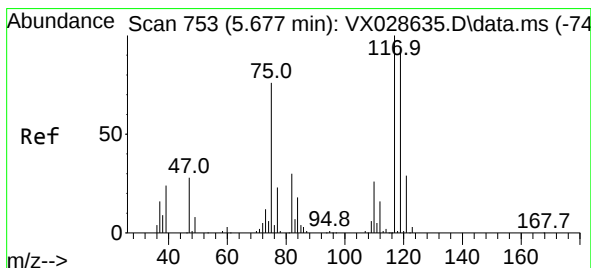
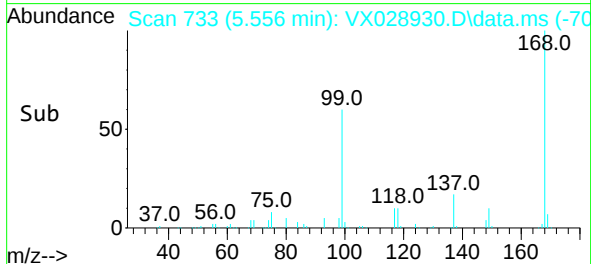
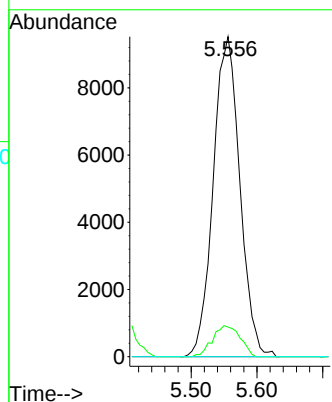
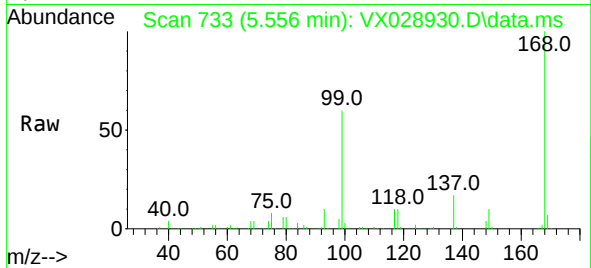




#36
 1,1-Dichloropropene
 Concen: 4.465 ug/l
 RT: 5.556 min Scan# 713
 Delta R.T. -0.134 min
 Lab File: VX028930.D
 Acq: 24 May 2022 18:38

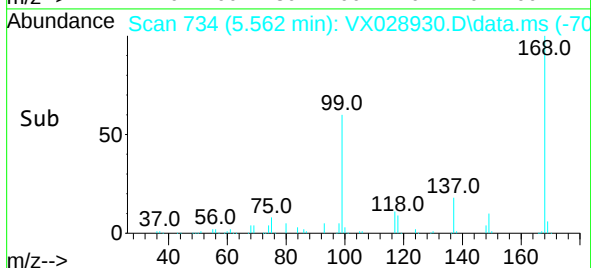
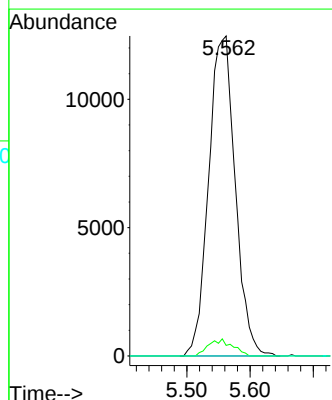
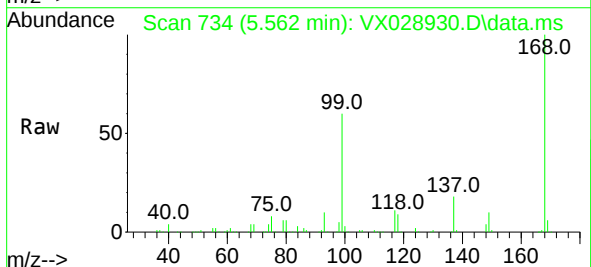
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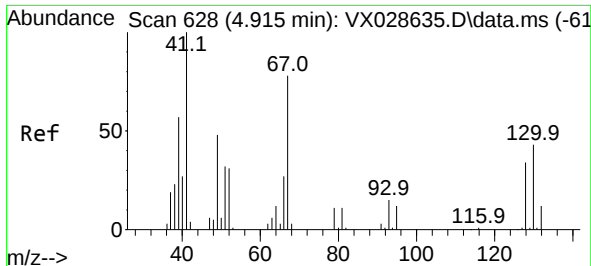
Tgt Ion: 75 Resp: 26821
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.3 54.8#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.017 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. -0.115 min
 Lab File: VX028930.D
 Acq: 24 May 2022 18:38

Tgt Ion: 117 Resp: 36372
 Ion Ratio Lower Upper
 117 100
 119 3.3 77.3 115.9#
 121 0.0 24.2 36.2#

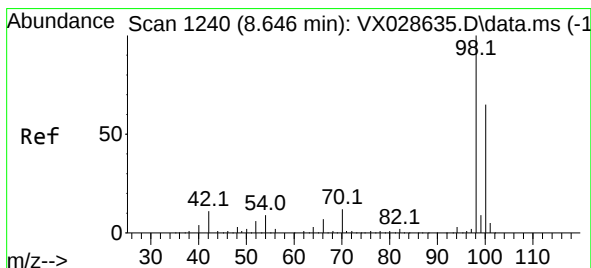
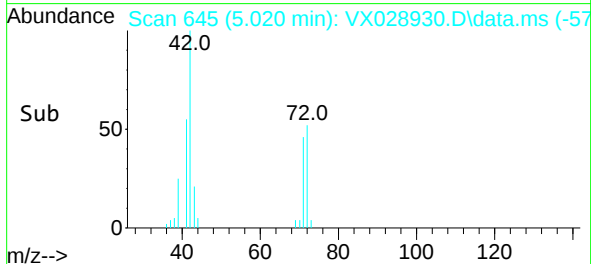
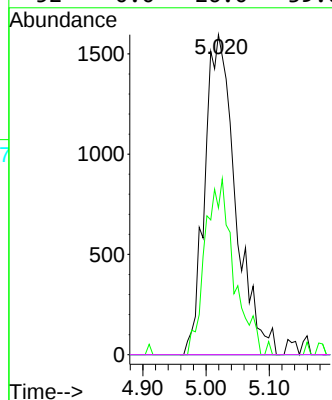
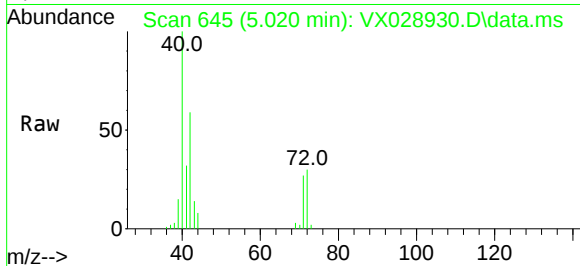




#41
Methacrylonitrile
Concen: 1.604 ug/l
RT: 5.020 min Scan# 645
Delta R.T. 0.105 min
Lab File: VX028930.D
Acq: 24 May 2022 18:38

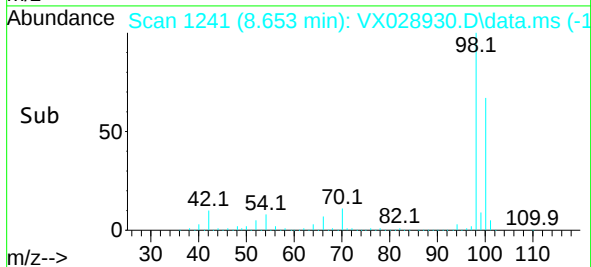
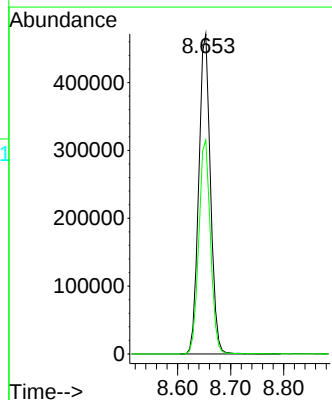
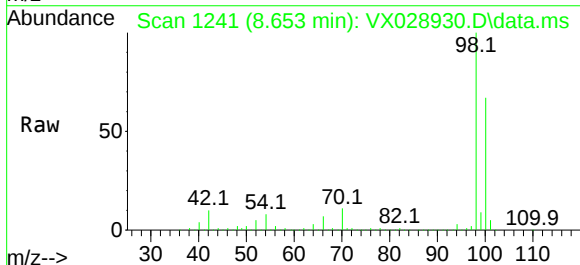
Instrument :
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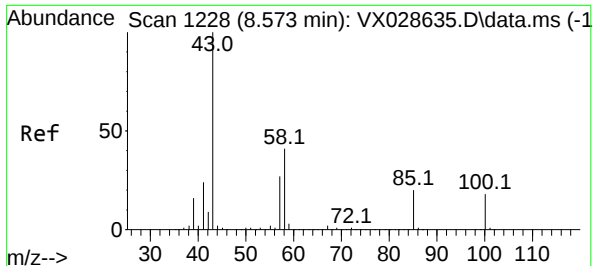
Tgt Ion: 41 Resp: 5397
Ion Ratio Lower Upper
41 100
39 50.9 43.0 64.4
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#



#50
Toluene-d8
Concen: 47.946 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028930.D
Acq: 24 May 2022 18:38

Tgt Ion: 98 Resp: 722933
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8

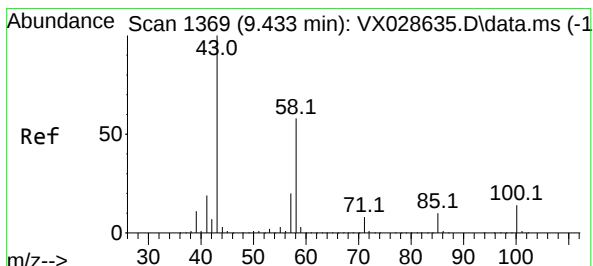
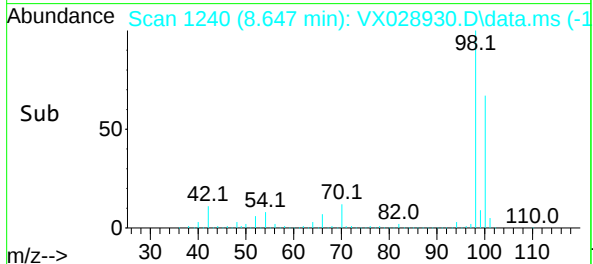
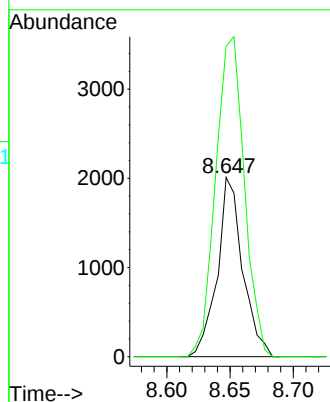
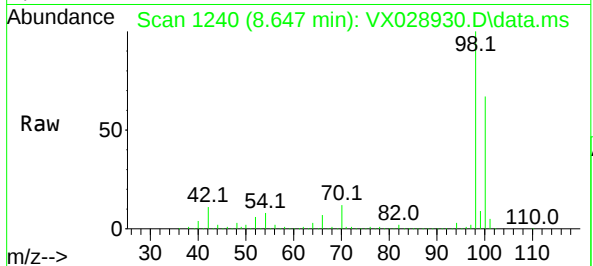




#51
4-Methyl-2-Pentanone
Concen: 0.432 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX028930.D
Acq: 24 May 2022 18:38

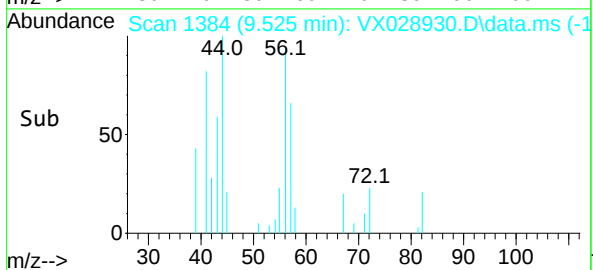
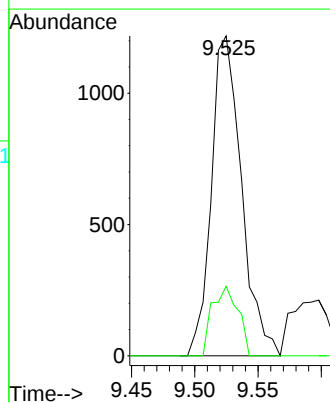
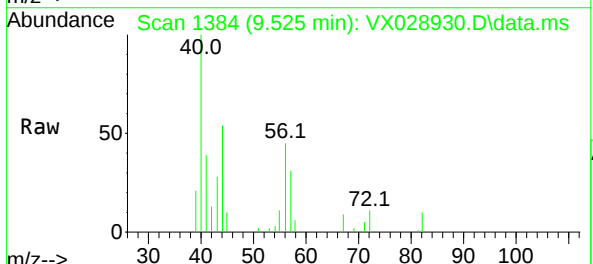
Instrument :
MSVOA_X
ClientSampleId :
RB-220516

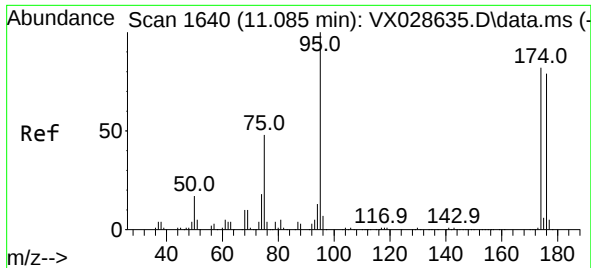
Tgt Ion: 43 Resp: 2796
Ion Ratio Lower Upper
43 100
58 202.1 36.1 54.1#



#59
2-Hexanone
Concen: 0.402 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.092 min
Lab File: VX028930.D
Acq: 24 May 2022 18:38

Tgt Ion: 43 Resp: 2017
Ion Ratio Lower Upper
43 100
58 18.5 31.9 95.7#

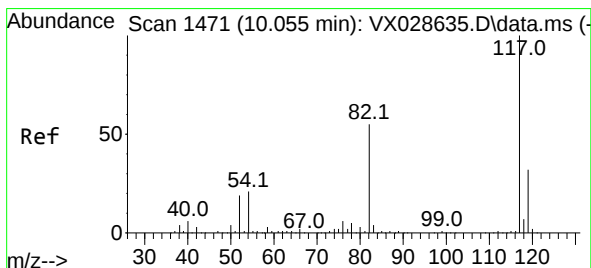
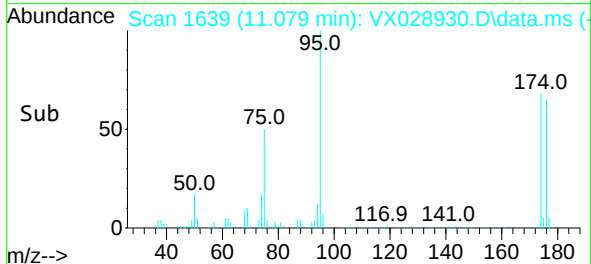
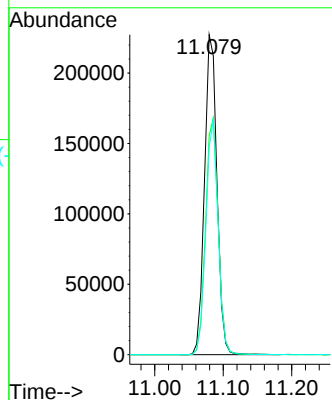
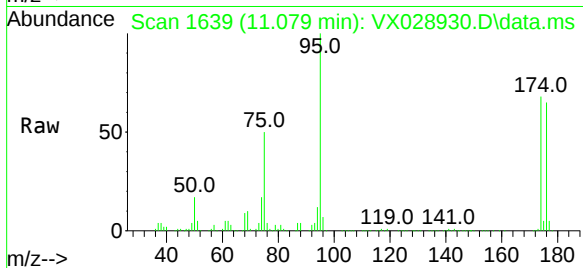




#62
4-Bromofluorobenzene
Concen: 51.042 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX028930.D
Acq: 24 May 2022 18:38

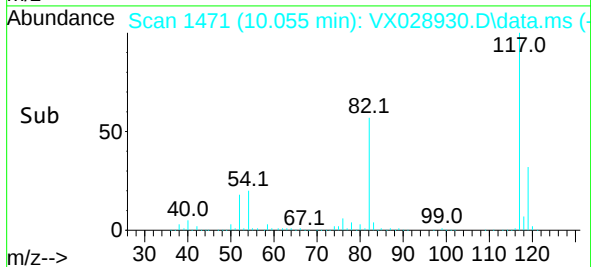
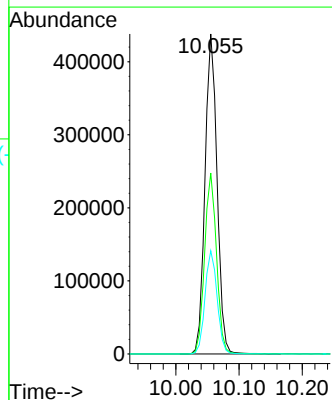
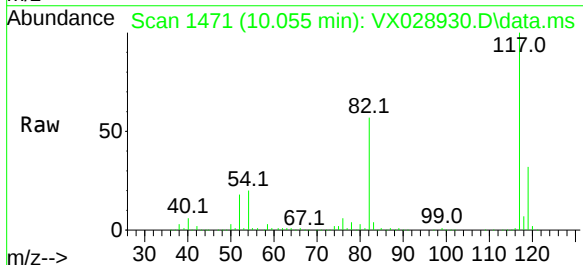
Instrument :
MSVOA_X
ClientSampleId :
RB-220516

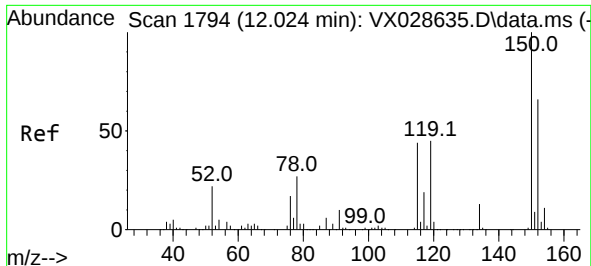
Tgt Ion: 95 Resp: 287459
Ion Ratio Lower Upper
95 100
174 75.5 0.0 163.0
176 72.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028930.D
Acq: 24 May 2022 18:38

Tgt Ion: 117 Resp: 581167
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 32.3 24.8 37.2

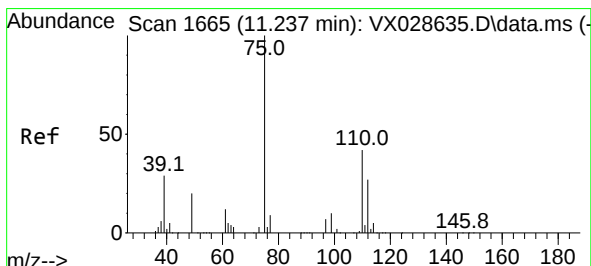
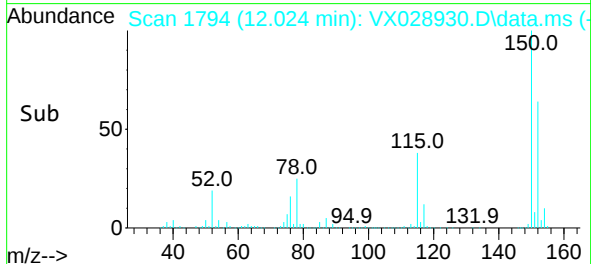
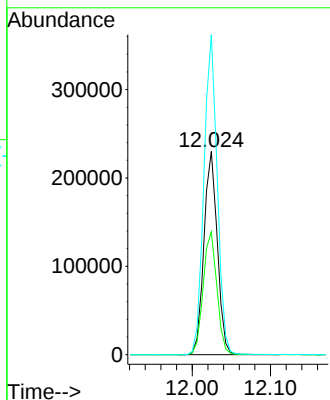
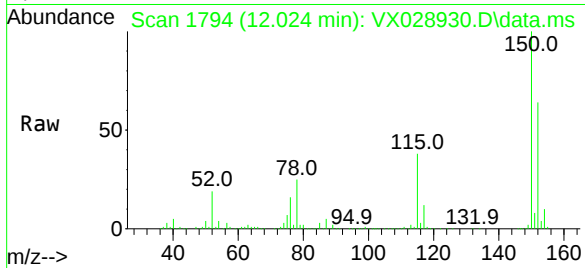




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028930.D
 Acq: 24 May 2022 18:38

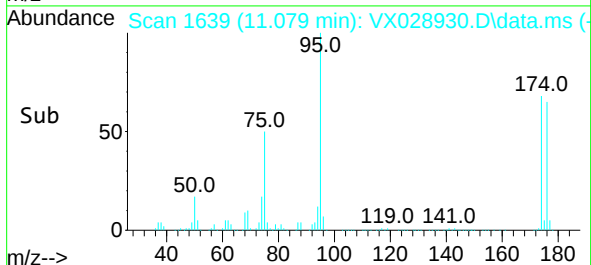
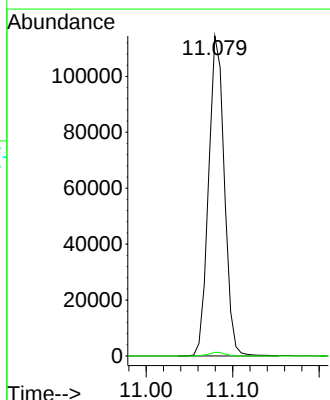
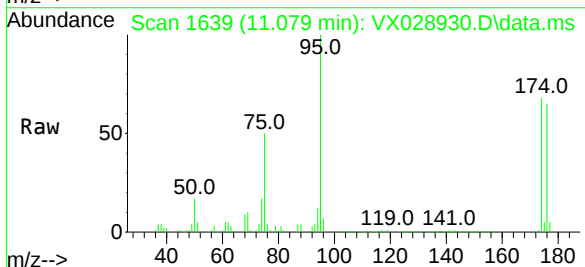
Instrument :
 MSVOA_X
 ClientSampleId :
 RB-220516

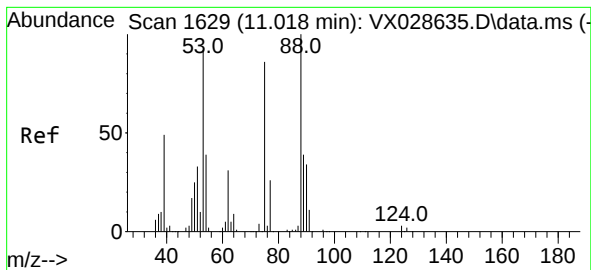
Tgt Ion:152 Resp: 272260
 Ion Ratio Lower Upper
 152 100
 115 61.8 37.5 112.7
 150 157.1 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 22.714 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX028930.D
 Acq: 24 May 2022 18:38

Tgt Ion: 75 Resp: 144827
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.387 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX028930.D
 Acq: 24 May 2022 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 RB-220516

Tgt Ion: 75 Resp: 144827
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

