

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030872.D
 Acq On : 27 Aug 2022 15:52
 Operator : JC/MD
 Sample : N4389-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 265393-4

Quant Time: Aug 29 01:10:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

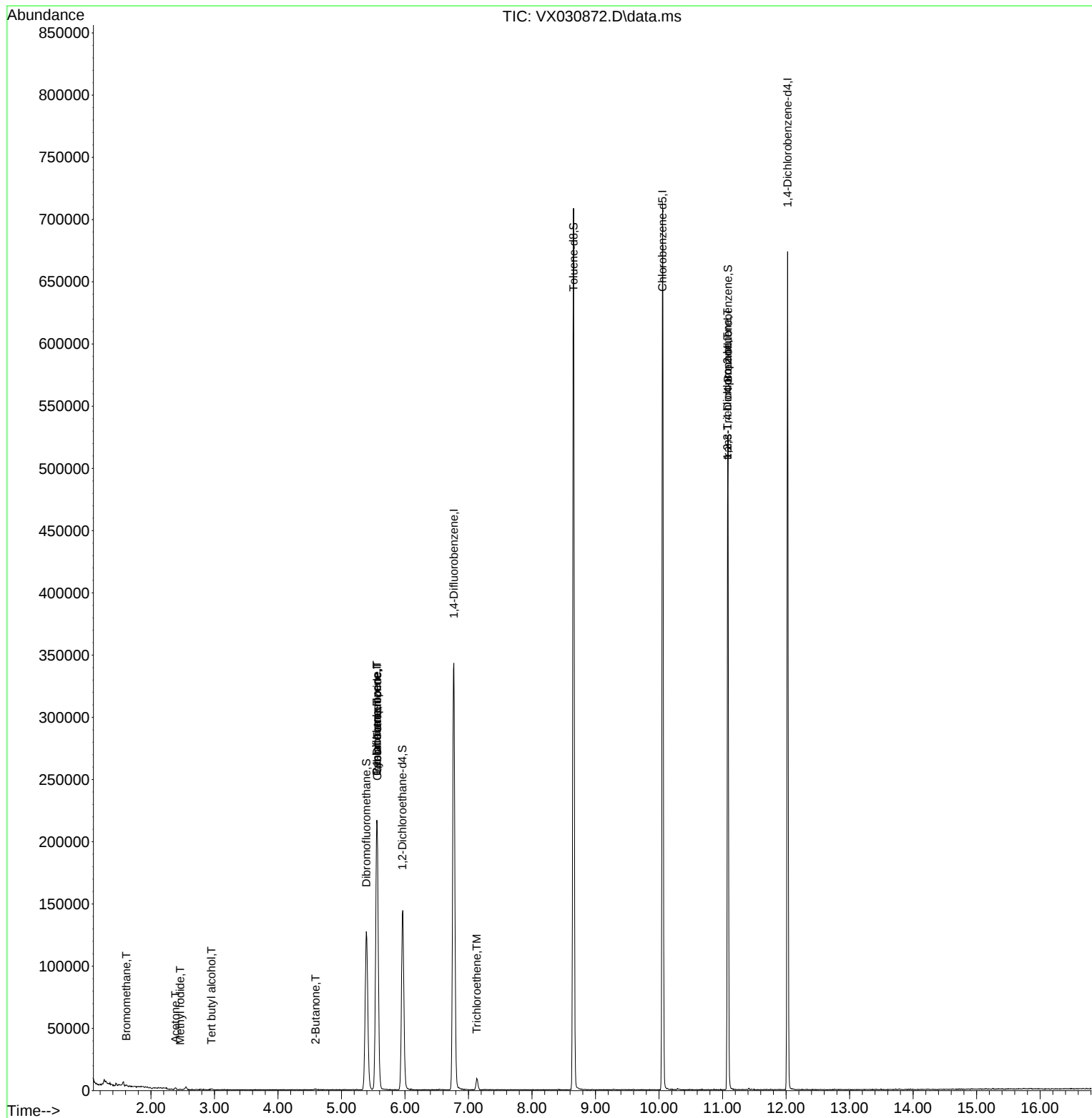
Internal Standards						
1) Pentafluorobenzene	5.556	168	204346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	352578	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	316070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139426	58.006	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.020%	
35) Dibromofluoromethane	5.391	113	112193	51.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.560%	
50) Toluene-d8	8.653	98	419333	55.534	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.060%	
62) 4-Bromofluorobenzene	11.085	95	140077	49.828	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	270	Below Cal	#	42
5) Bromomethane	1.612	94	331	0.348	ug/l #	76
6) Chloroethane	1.703	64	224	Below Cal	#	41
10) Methyl Iodide	2.459	142	196	4.138	ug/l #	45
11) Tert butyl alcohol	2.953	59	261	0.500	ug/l #	74
16) Acetone	2.386	43	1758	1.583	ug/l	98
17) Carbon Disulfide	2.514	76	285	Below Cal	#	74
20) Methylene Chloride	2.794	84	205	Below Cal	#	28
25) 2-Butanone	4.593	43	573	0.320	ug/l #	48
31) Cyclohexane	5.556	56	4206	1.368	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	17237	5.842	ug/l #	49
38) Carbon Tetrachloride	5.562	117	21019	6.753	ug/l #	17
44) Trichloroethene	7.129	130	3717	1.457	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	70694	23.664	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	70694	76.350	ug/l #	13

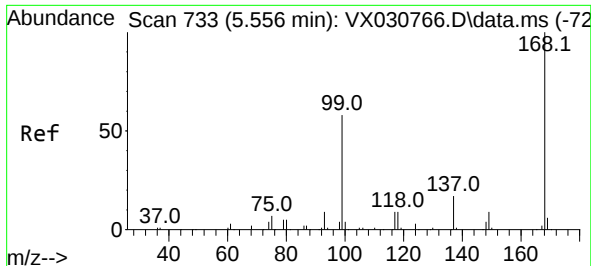
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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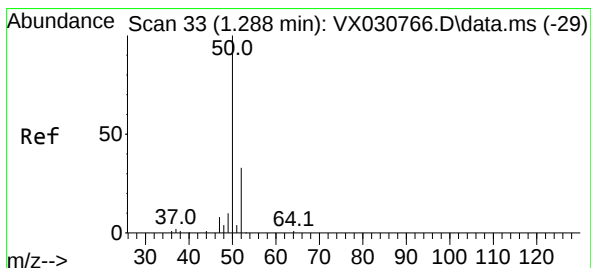
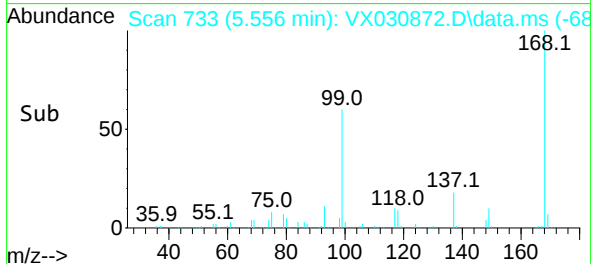
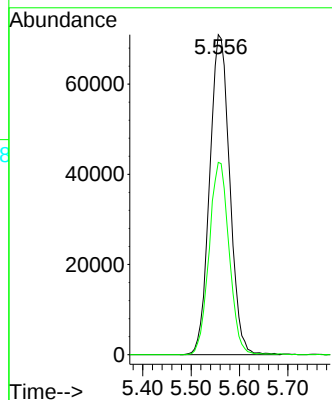
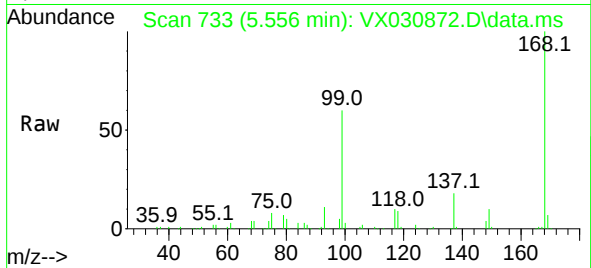




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030872.D
Acq: 27 Aug 2022 15:52

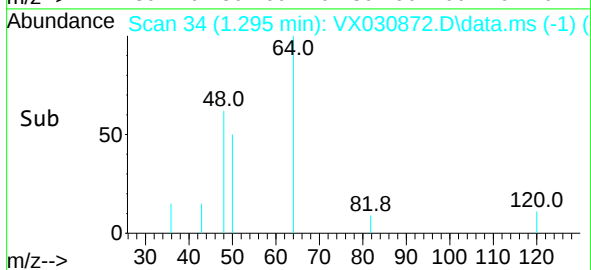
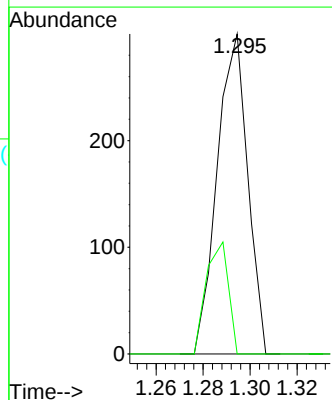
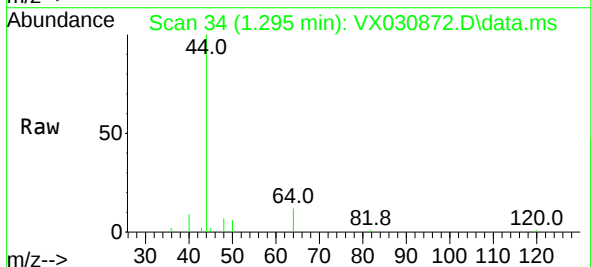
Instrument :
MSVOA_X
ClientSampleId :
265393-4

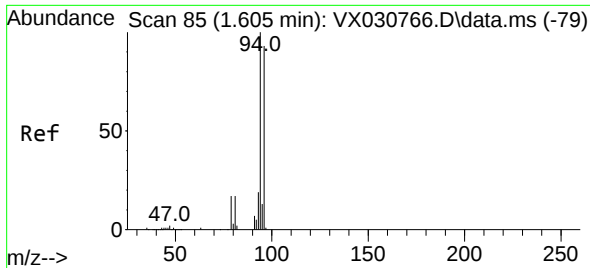
Tgt Ion:168 Resp: 204346
Ion Ratio Lower Upper
168 100
99 60.1 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030872.D
Acq: 27 Aug 2022 15:52

Tgt Ion: 50 Resp: 270
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5

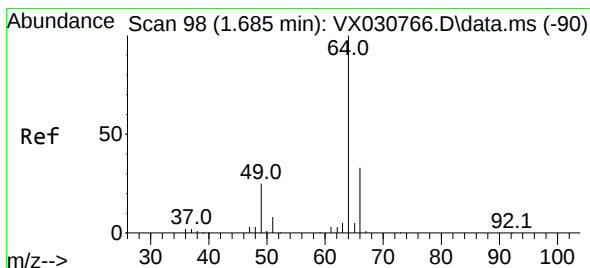
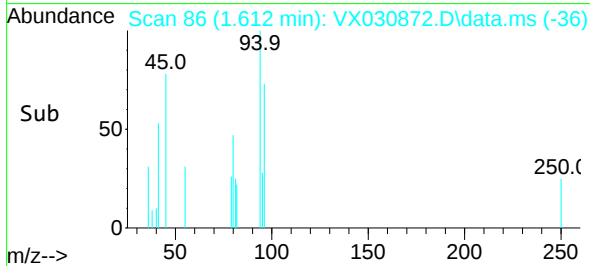
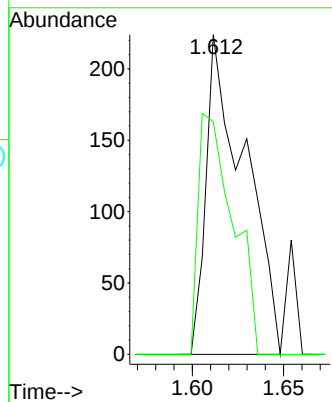
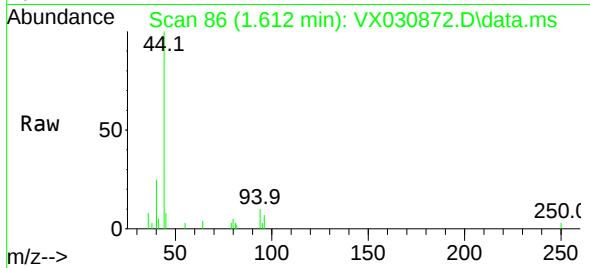




#5
Bromomethane
Concen: 0.348 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX030872.D
Acq: 27 Aug 2022 15:52

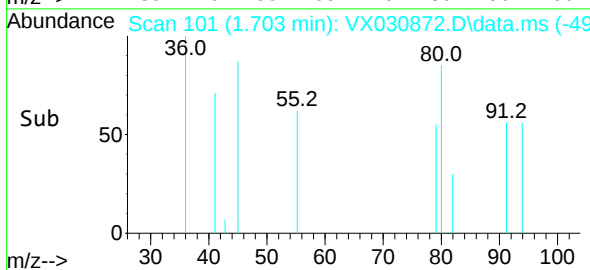
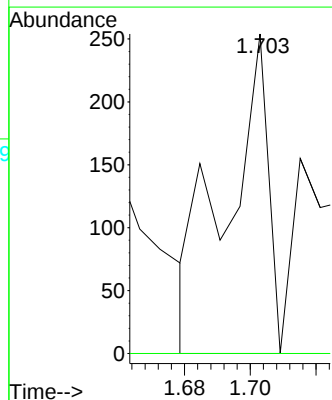
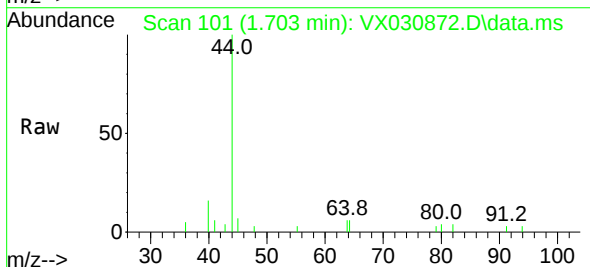
Instrument :
MSVOA_X
ClientSampleId :
265393-4

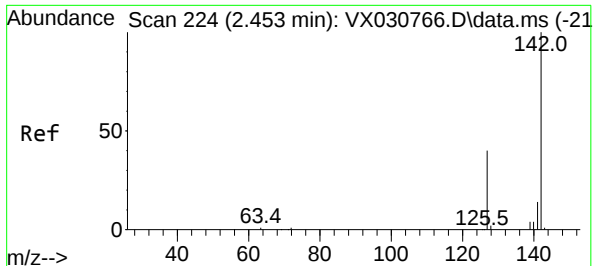
Tgt Ion: 94 Resp: 331
Ion Ratio Lower Upper
94 100
96 72.8 76.9 115.3#



#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX030872.D
Acq: 27 Aug 2022 15:52

Tgt Ion: 64 Resp: 224
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

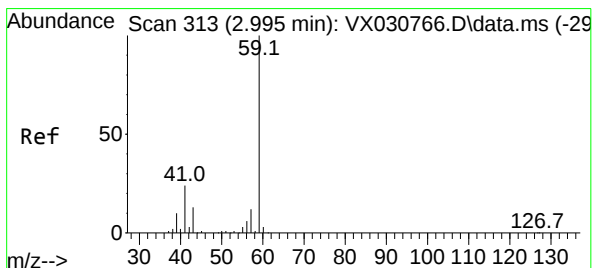
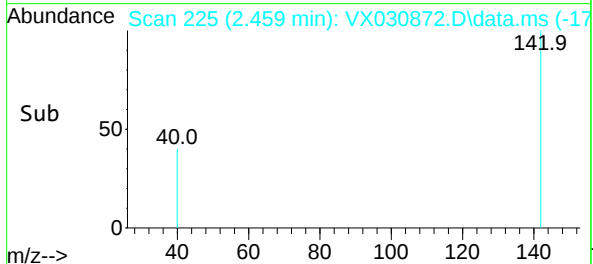
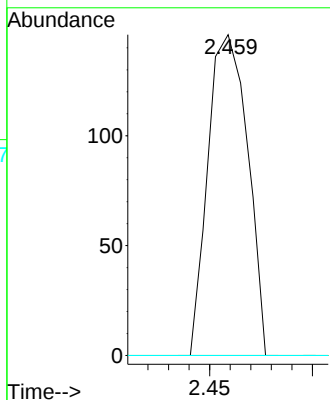
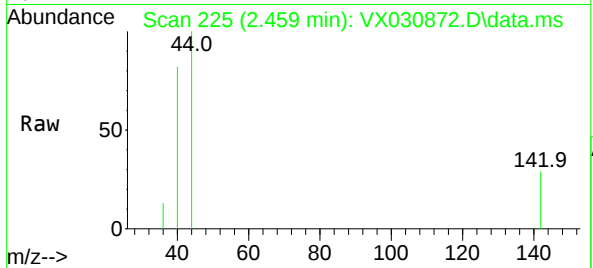




#10
Methyl Iodide
Concen: 4.138 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030872.D
Acq: 27 Aug 2022 15:52

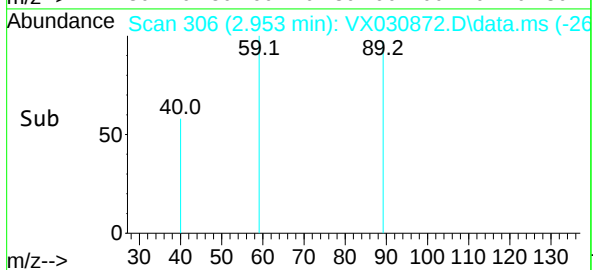
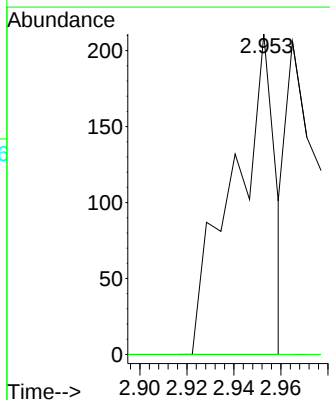
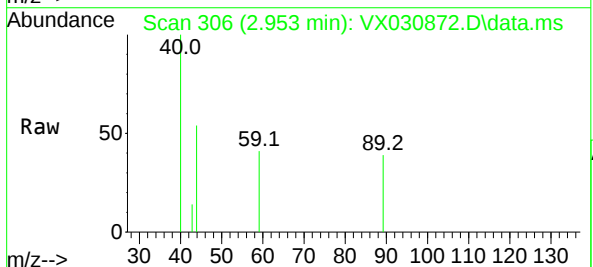
Instrument :
MSVOA_X
ClientSampleId :
265393-4

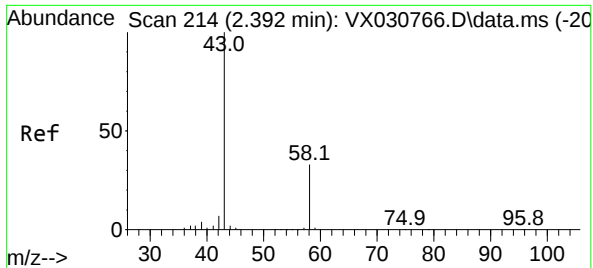
Tgt Ion:142 Resp: 196
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.500 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.043 min
Lab File: VX030872.D
Acq: 27 Aug 2022 15:52

Tgt Ion: 59 Resp: 261
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

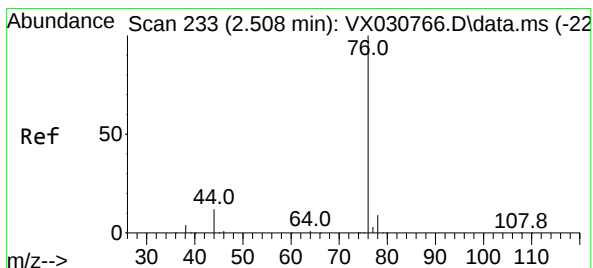
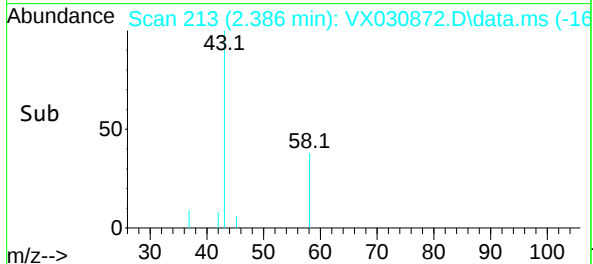
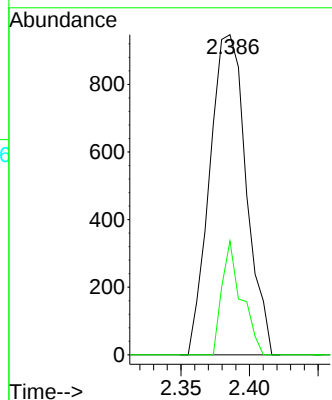
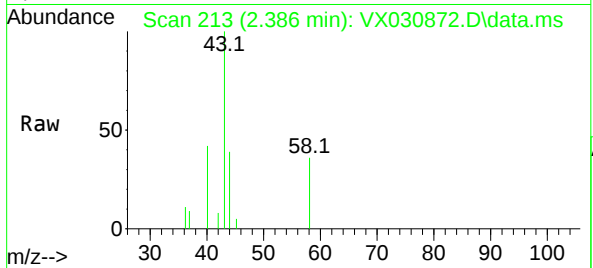




#16
Acetone
Concen: 1.583 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030872.D
Acq: 27 Aug 2022 15:52

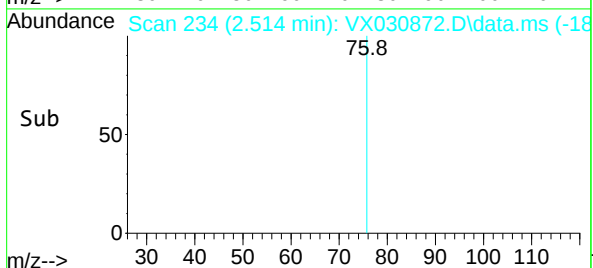
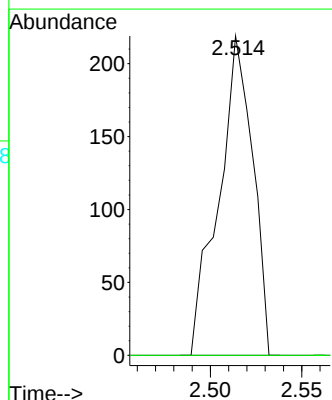
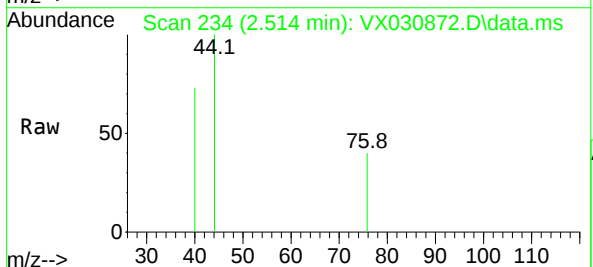
Instrument :
MSVOA_X
ClientSampleId :
265393-4

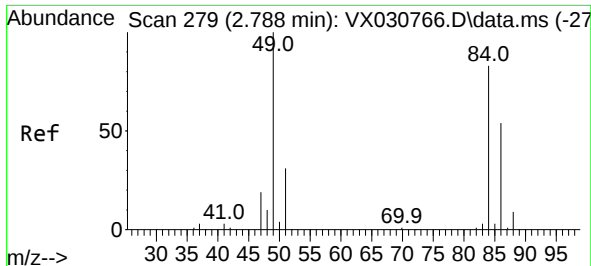
Tgt Ion: 43 Resp: 1758
Ion Ratio Lower Upper
43 100
58 35.6 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX030872.D
Acq: 27 Aug 2022 15:52

Tgt Ion: 76 Resp: 285
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

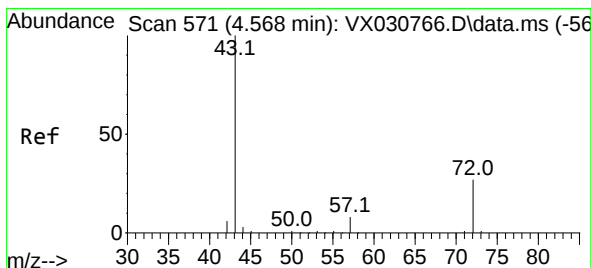
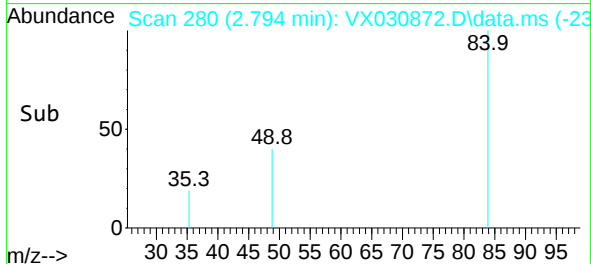
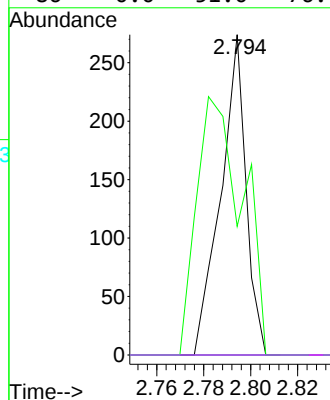
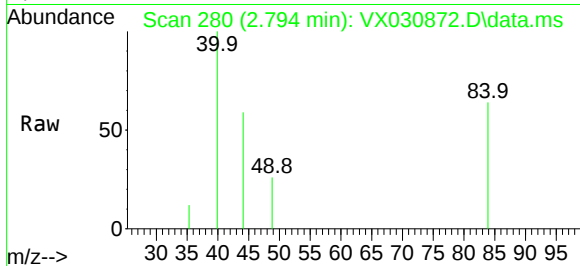




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030872.D
Acq: 27 Aug 2022 15:52

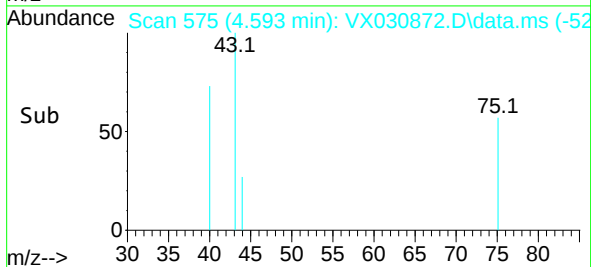
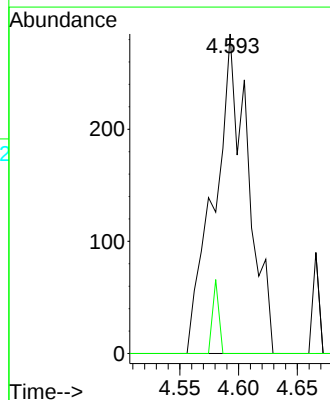
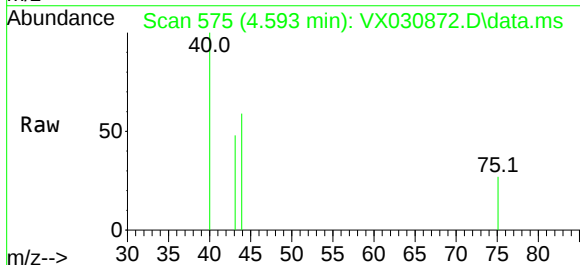
Instrument :
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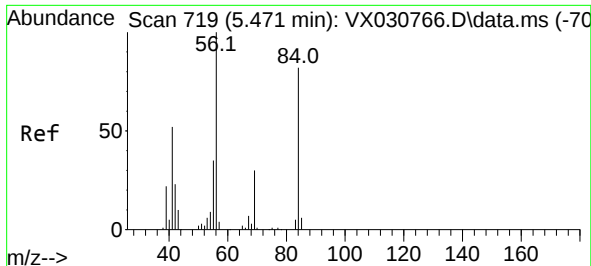
Tgt Ion:	84	Resp:	205
Ion	Ratio	Lower	Upper
84	100		
49	40.1	93.8	140.6#
51	0.0	29.4	44.0#
86	0.0	51.0	76.4#



#25
2-Butanone
Concen: 0.320 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX030872.D
Acq: 27 Aug 2022 15:52

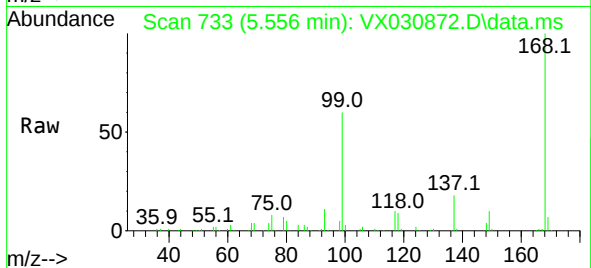
Tgt Ion:	43	Resp:	573
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.7	32.5#



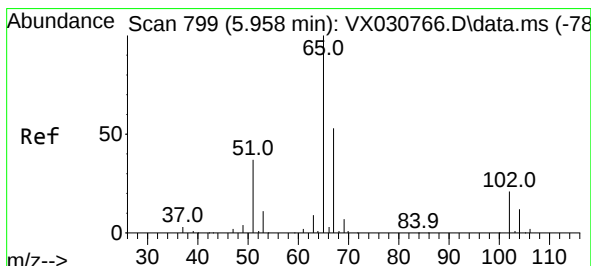
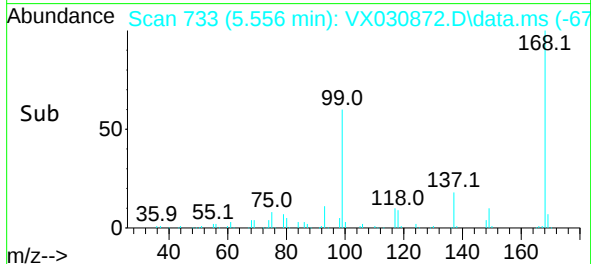
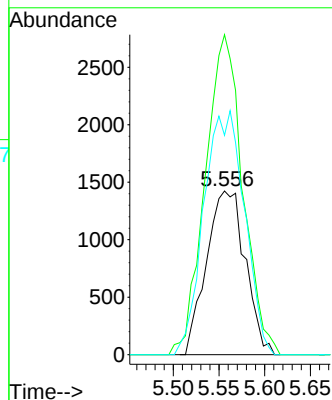


#31
Cyclohexane
Concen: 1.368 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX030872.D
Acq: 27 Aug 2022 15:52

Instrument :
MSVOA_X
ClientSampleId :
265393-4

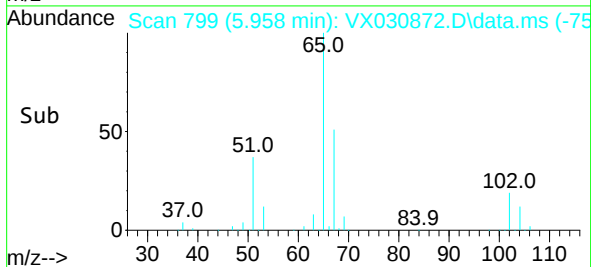
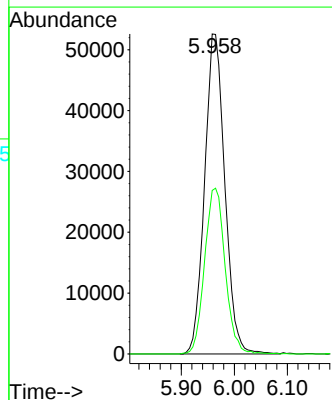
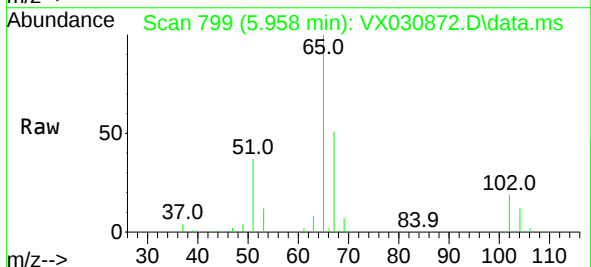


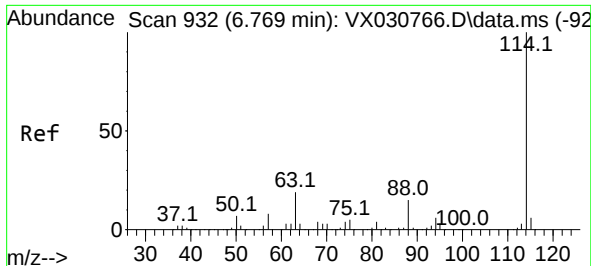
Tgt Ion: 56 Resp: 4206
Ion Ratio Lower Upper
56 100
69 195.5 25.4 38.0#
84 134.0 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 58.006 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030872.D
Acq: 27 Aug 2022 15:52

Tgt Ion: 65 Resp: 139426
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6

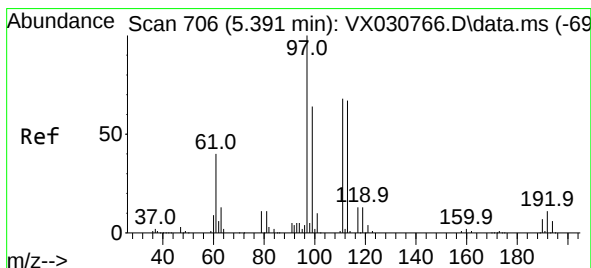
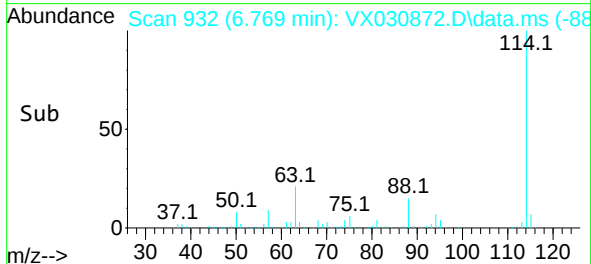
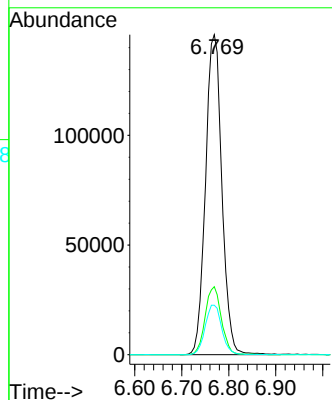
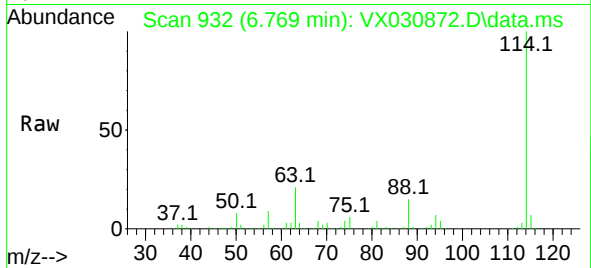




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030872.D
Acq: 27 Aug 2022 15:52

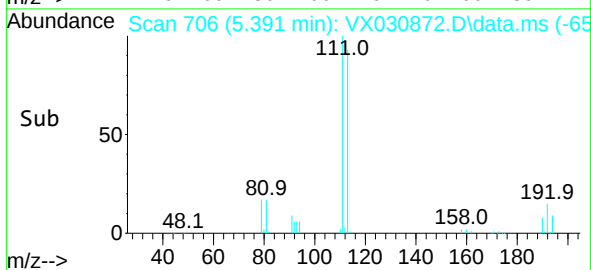
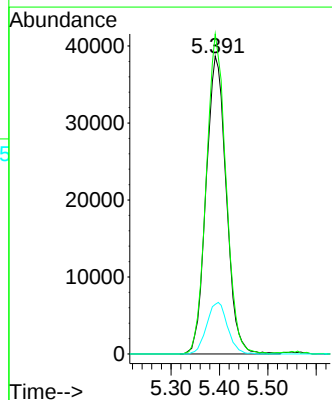
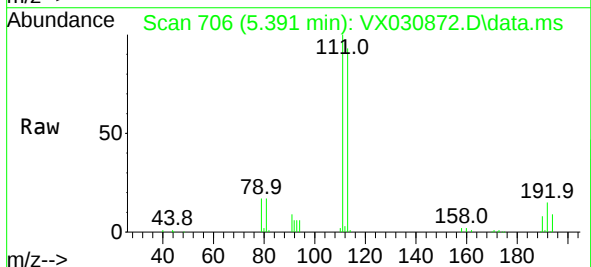
Instrument :
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ClientSampleId :
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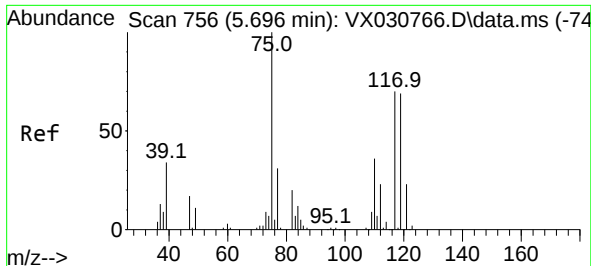
Tgt Ion:114 Resp: 352578
Ion Ratio Lower Upper
114 100
63 21.3 0.0 38.4
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.776 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030872.D
Acq: 27 Aug 2022 15:52

Tgt Ion:113 Resp: 112193
Ion Ratio Lower Upper
113 100
111 105.1 83.2 124.8
192 17.8 14.8 22.2

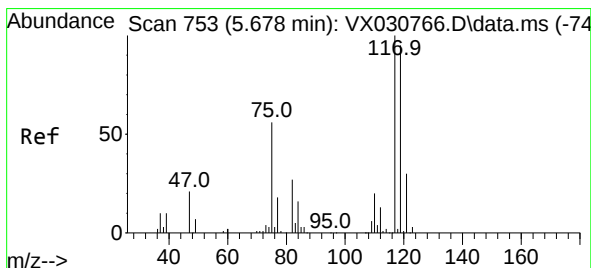
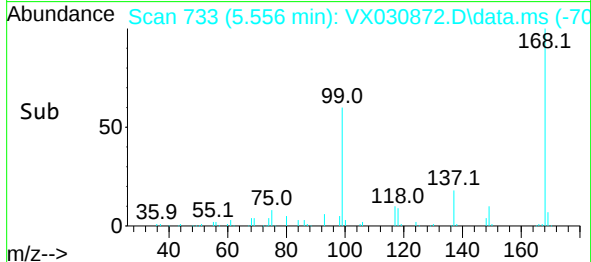
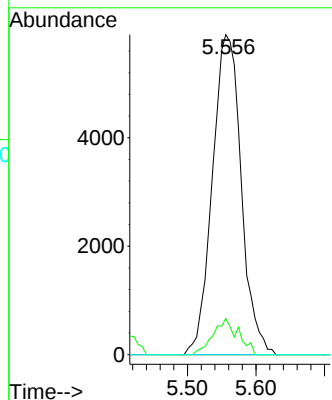
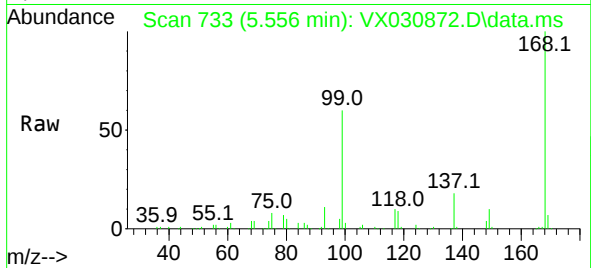




#36
1,1-Dichloropropene
Concen: 5.842 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030872.D
Acq: 27 Aug 2022 15:52

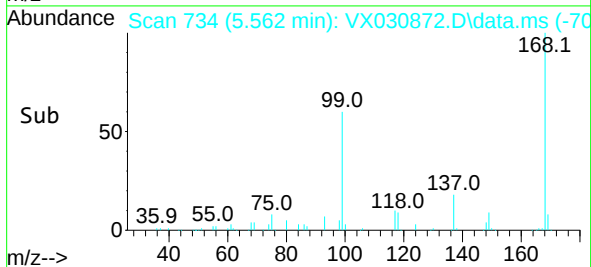
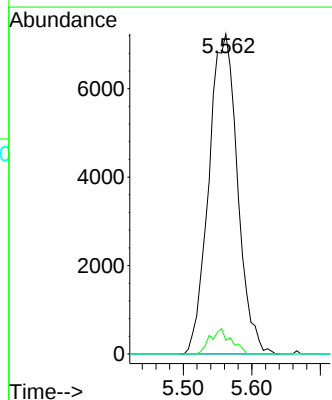
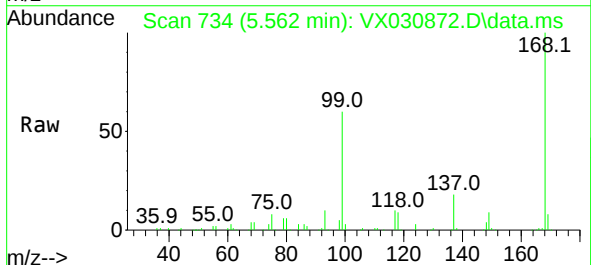
Instrument :
MSVOA_X
ClientSampleId :
265393-4

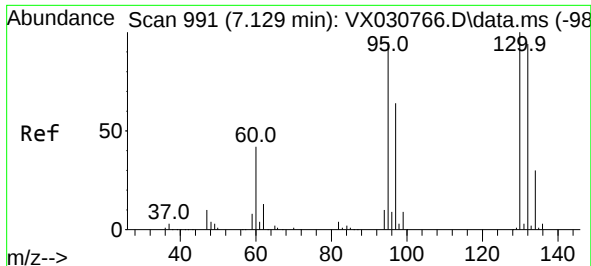
Tgt Ion: 75 Resp: 17237
Ion Ratio Lower Upper
75 100
110 9.9 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.753 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX030872.D
Acq: 27 Aug 2022 15:52

Tgt Ion: 117 Resp: 21019
Ion Ratio Lower Upper
117 100
119 4.3 74.1 111.1#
121 0.0 25.8 38.8#

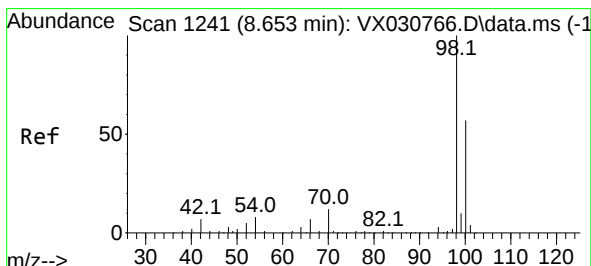
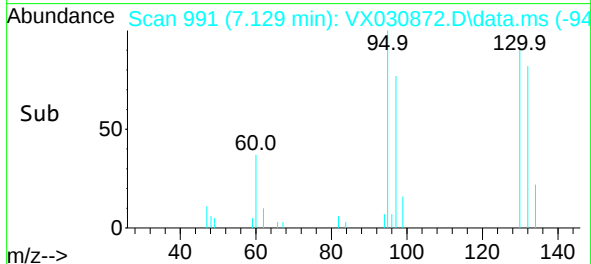
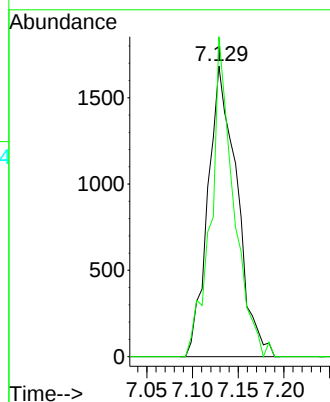
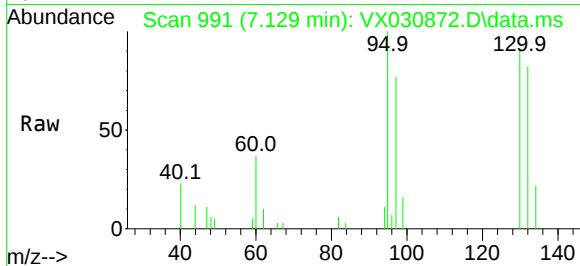




#44
Trichloroethene
Concen: 1.457 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030872.D
Acq: 27 Aug 2022 15:52

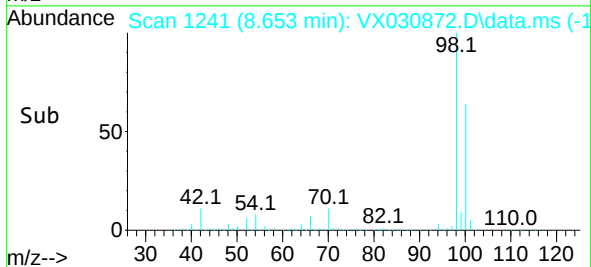
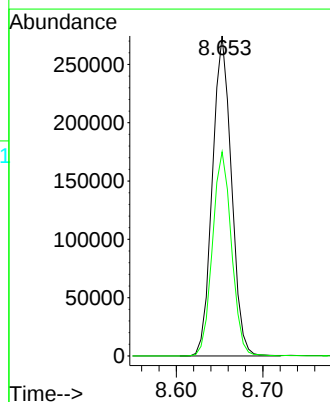
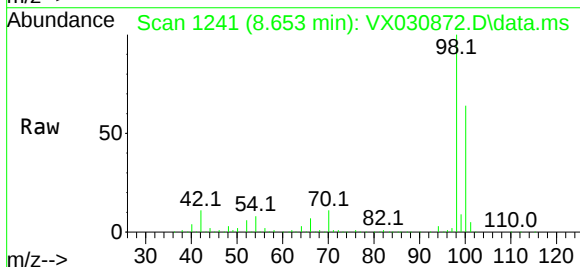
Instrument :
MSVOA_X
ClientSampleId :
265393-4

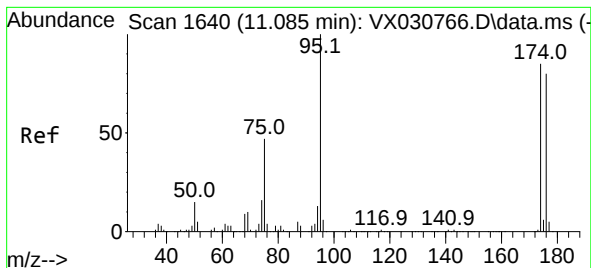
Tgt Ion:130 Resp: 3717
Ion Ratio Lower Upper
130 100
95 110.1 0.0 194.8



#50
Toluene-d8
Concen: 55.534 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030872.D
Acq: 27 Aug 2022 15:52

Tgt Ion: 98 Resp: 419333
Ion Ratio Lower Upper
98 100
100 63.6 52.3 78.5

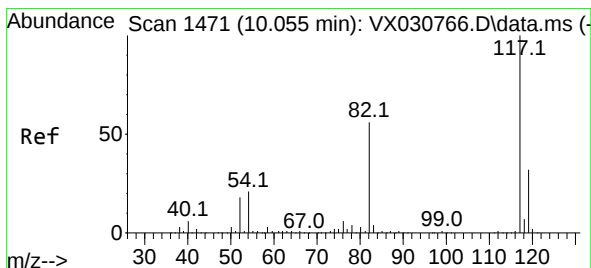
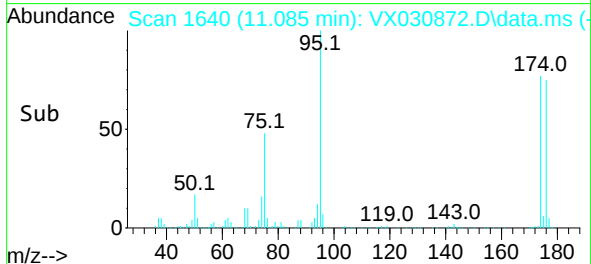
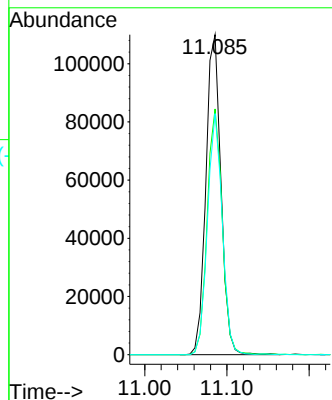
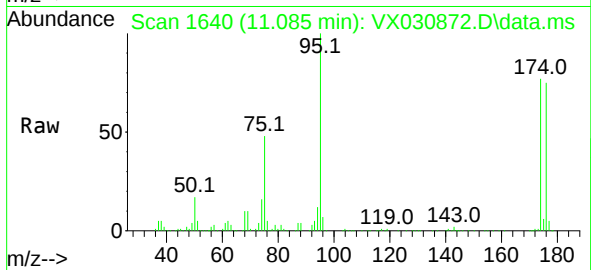




#62
4-Bromofluorobenzene
Concen: 49.828 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030872.D
Acq: 27 Aug 2022 15:52

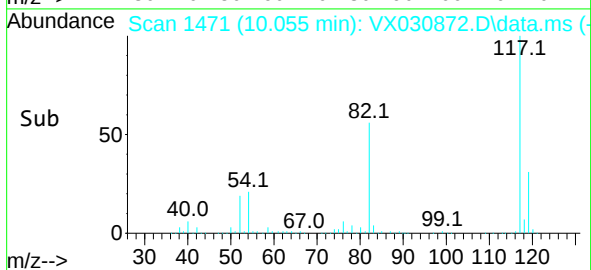
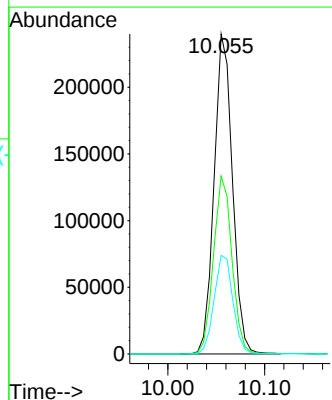
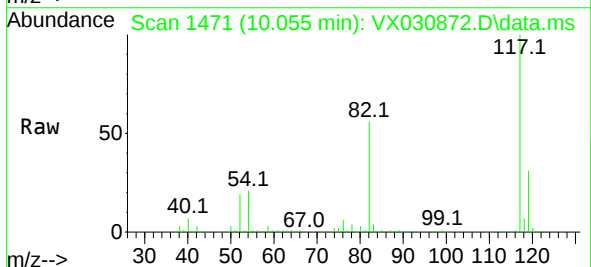
Instrument :
MSVOA_X
ClientSampleId :
265393-4

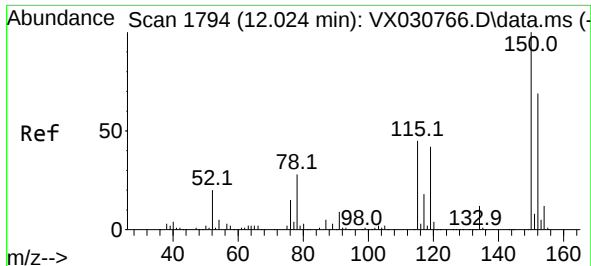
Tgt Ion: 95 Resp: 140077
Ion Ratio Lower Upper
95 100
174 76.3 0.0 149.0
176 73.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030872.D
Acq: 27 Aug 2022 15:52

Tgt Ion: 117 Resp: 316070
Ion Ratio Lower Upper
117 100
82 55.6 42.7 64.1
119 30.8 25.4 38.2

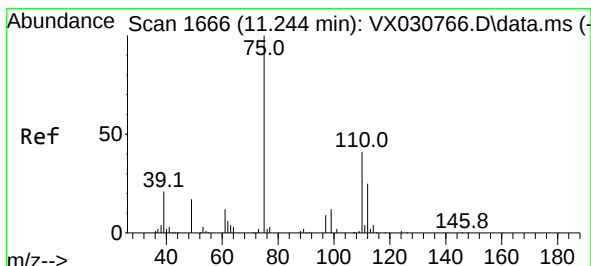
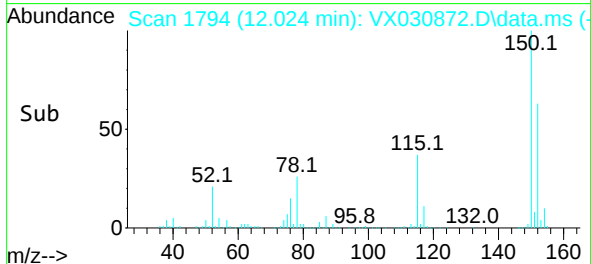
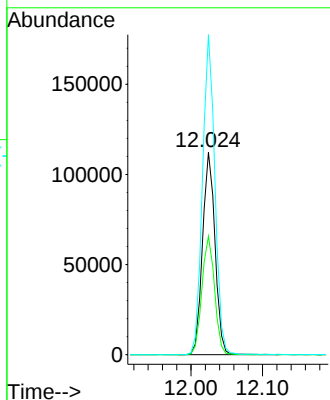
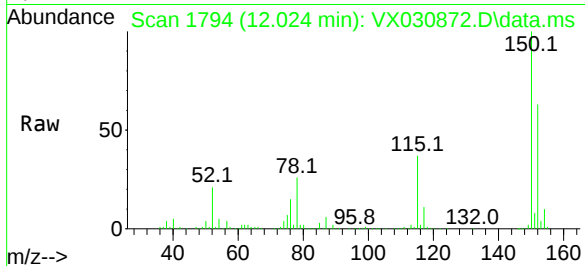




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX030872.D
 Acq: 27 Aug 2022 15:52

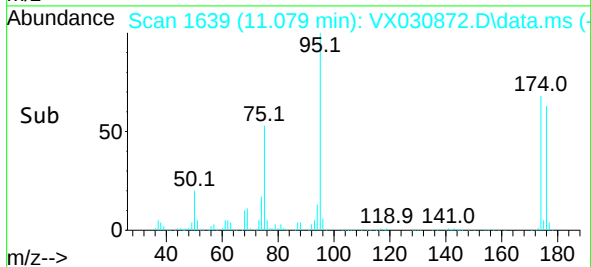
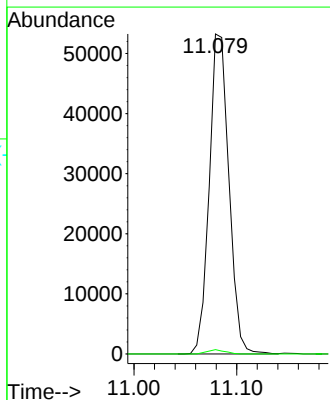
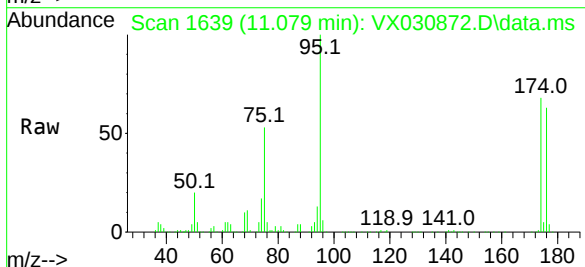
Instrument :
 MSVOA_X
 ClientSampleId :
 265393-4

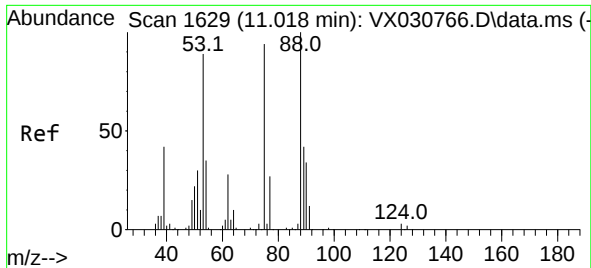
Tgt Ion:152 Resp: 136357
 Ion Ratio Lower Upper
 152 100
 115 58.9 40.5 121.5
 150 156.4 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 23.664 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX030872.D
 Acq: 27 Aug 2022 15:52

Tgt Ion: 75 Resp: 70694
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.350 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030872.D
 Acq: 27 Aug 2022 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 265393-4

Tgt Ion: 75 Resp: 70694
 Ion Ratio Lower Upper
 75 100
 53 0.2 74.2 111.4#
 89 0.0 34.8 52.2#

