

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071322\
 Data File : VX030034.D
 Acq On : 13 Jul 2022 10:48
 Operator : JC/MD
 Sample : VX0713WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBL01

Quant Time: Jul 14 04:54:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	197118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	340849	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	293283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128628	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106948	44.575	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.140%
35) Dibromofluoromethane	5.391	113	99698	45.786	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.580%
50) Toluene-d8	8.653	98	387508	47.318	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.640%
62) 4-Bromofluorobenzene	11.085	95	129487	45.563	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.120%

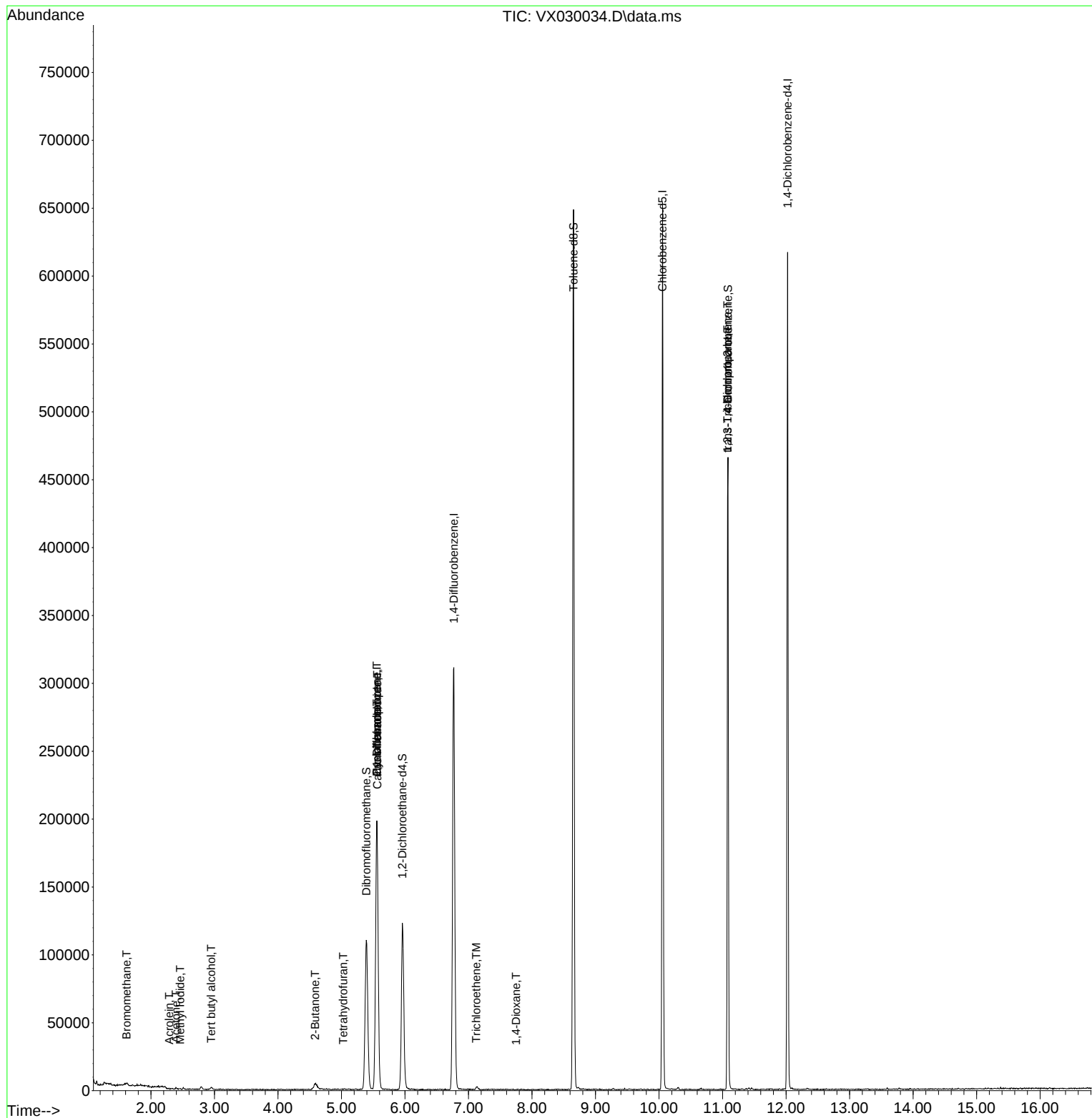
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.172	85	54	Below Cal	#	42
5) Bromomethane	1.617	94	376	0.388	ug/l #	63
10) Methyl Iodide	2.459	142	509	2.653	ug/l #	87
11) Tert butyl alcohol	2.946	59	1036	1.673	ug/l #	74
13) Acrolein	2.288	56	30	0.243	ug/l #	14
16) Acetone	2.391	43	939	0.831	ug/l	99
17) Carbon Disulfide	2.520	76	1187	Below Cal	#	74
20) Methylene Chloride	2.794	84	969	Below Cal	#	73
25) 2-Butanone	4.586	43	593	0.308	ug/l #	48
29) Tetrahydrofuran	5.025	42	313	0.239	ug/l #	32
31) Cyclohexane	5.556	56	3863	1.111	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	14584	5.185	ug/l #	48
38) Carbon Tetrachloride	5.562	117	18179	6.931	ug/l #	17
44) Trichloroethene	7.122	130	1004	0.388	ug/l	69
49) 1,4-Dioxane	7.750	88	19	0.292	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	59578	20.145	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	59578	58.138	ug/l #	12

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

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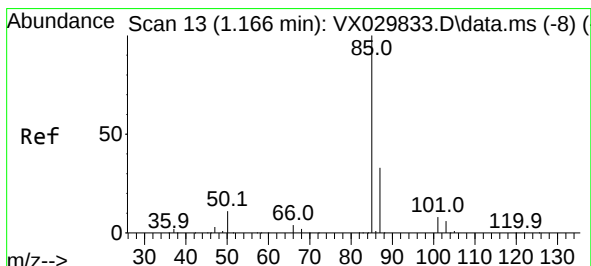
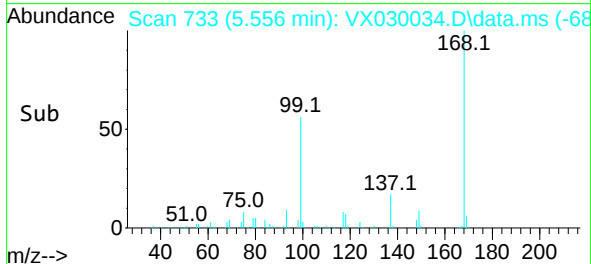
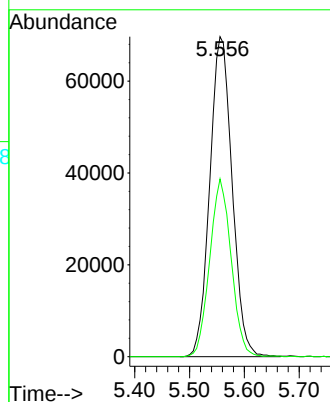
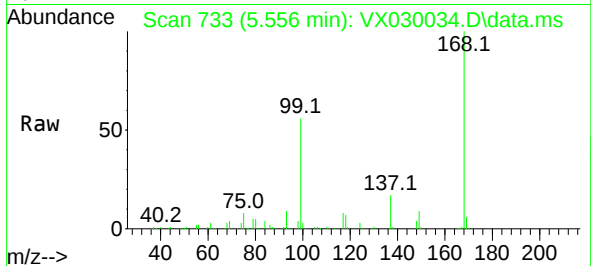




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

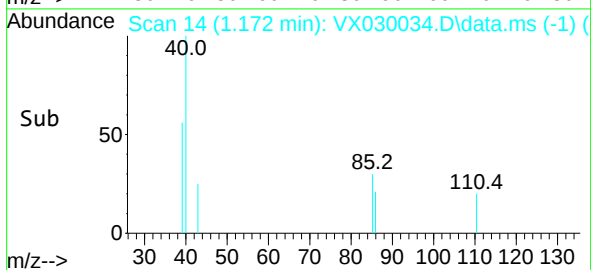
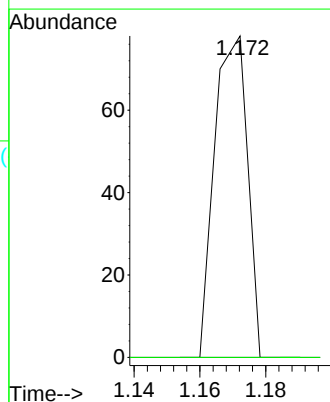
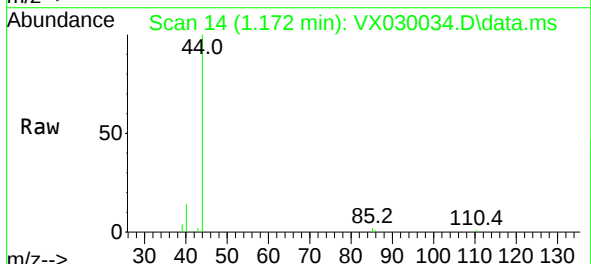
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBL01

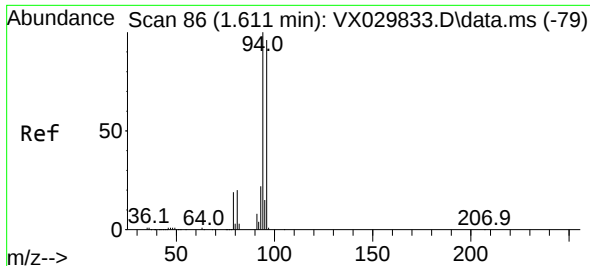
Tgt Ion:168 Resp: 197118
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

Tgt Ion: 85 Resp: 54
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

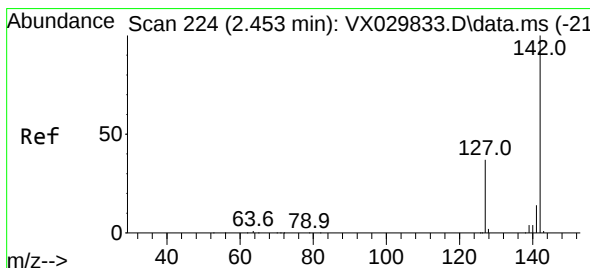
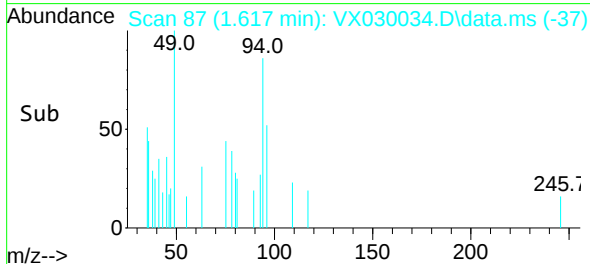
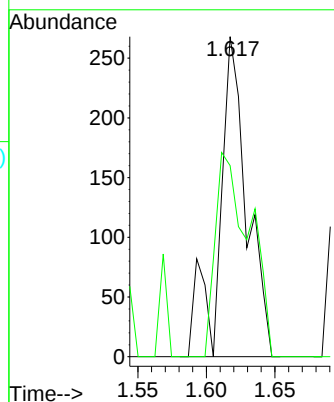
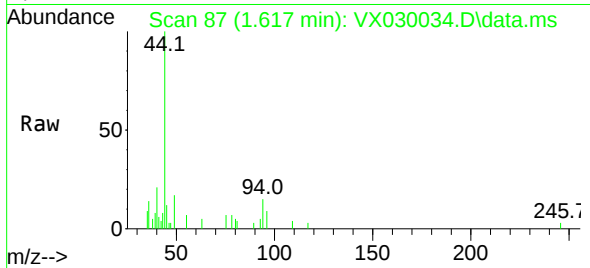




#5
Bromomethane
Concen: 0.388 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

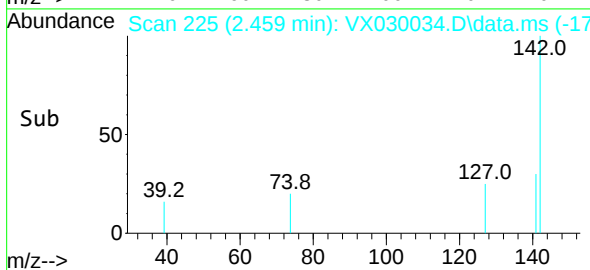
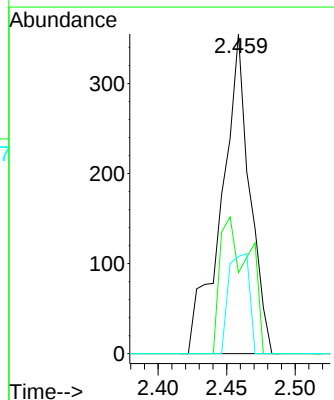
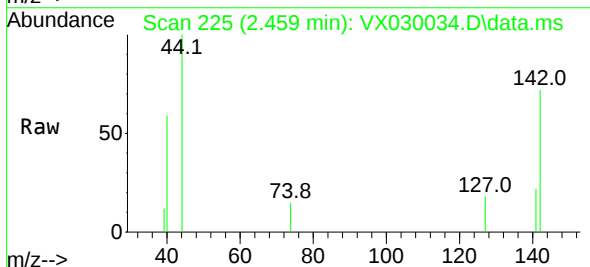
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBL01

Tgt Ion: 94 Resp: 376
Ion Ratio Lower Upper
94 100
96 59.7 76.9 115.3#



#10
Methyl Iodide
Concen: 2.653 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

Tgt Ion: 142 Resp: 509
Ion Ratio Lower Upper
142 100
127 43.6 30.2 45.2
141 23.0 11.3 16.9#

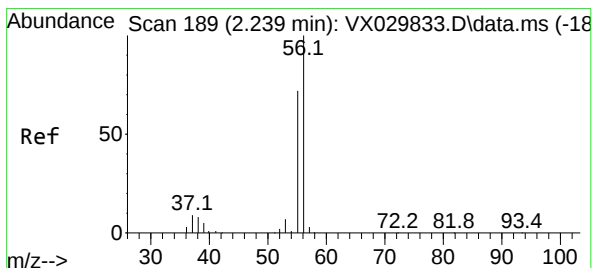
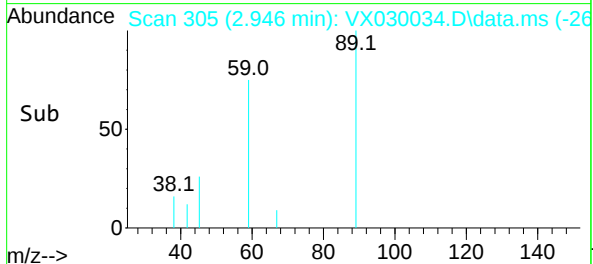
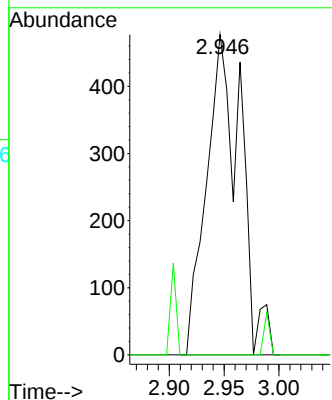
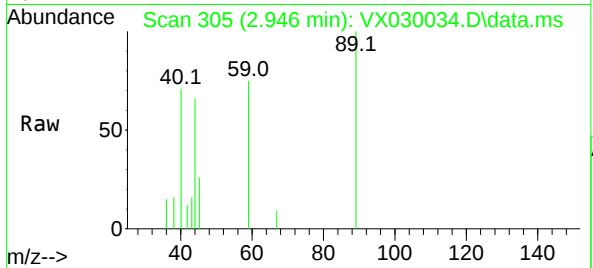




#11
Tert butyl alcohol
Concen: 1.673 ug/l
RT: 2.946 min Scan# 30
Delta R.T. -0.049 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

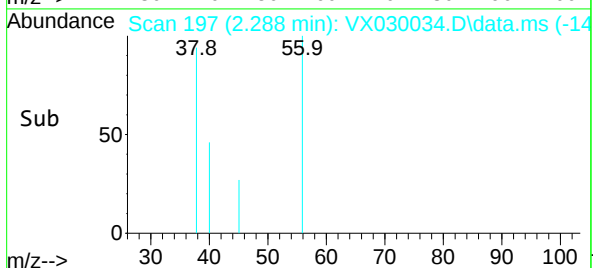
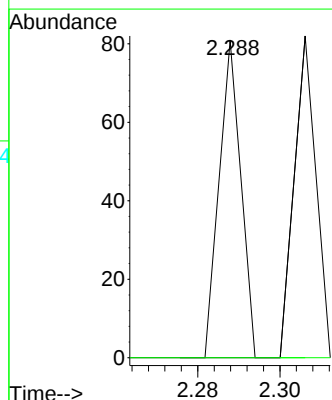
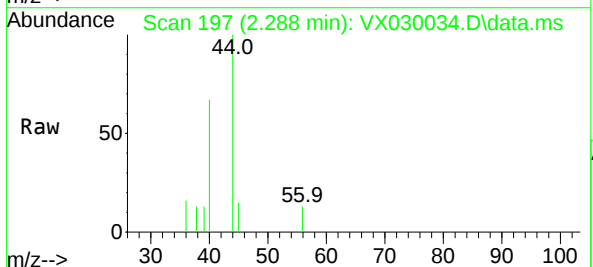
Instrument :
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ClientSampleId :
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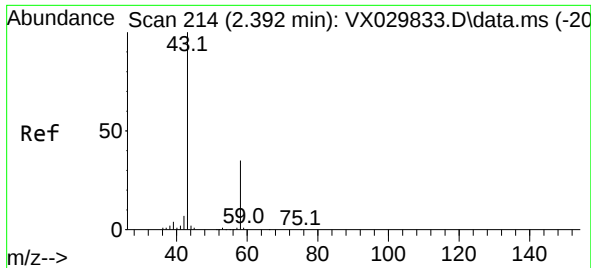
Tgt Ion: 59 Resp: 1036
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: 0.243 ug/l
RT: 2.288 min Scan# 197
Delta R.T. 0.049 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

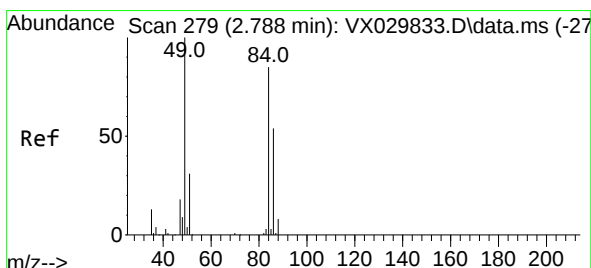
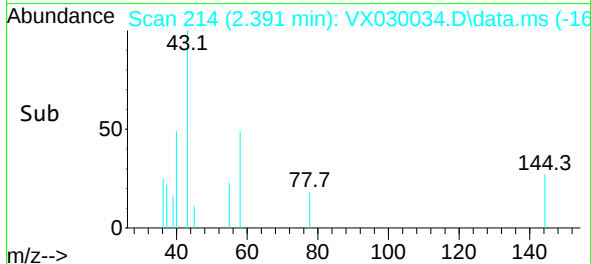
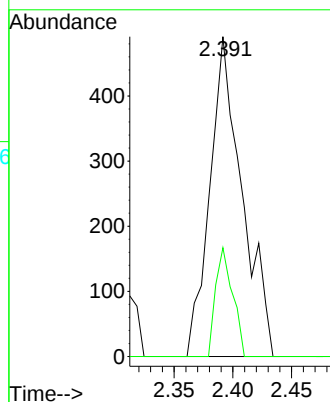
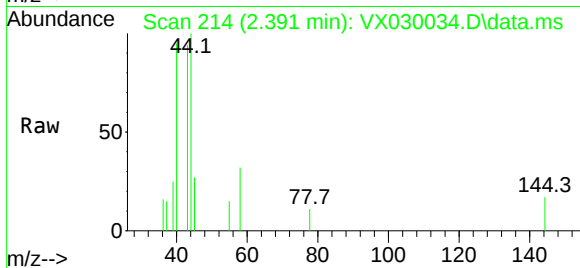




#16
Acetone
Concen: 0.831 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

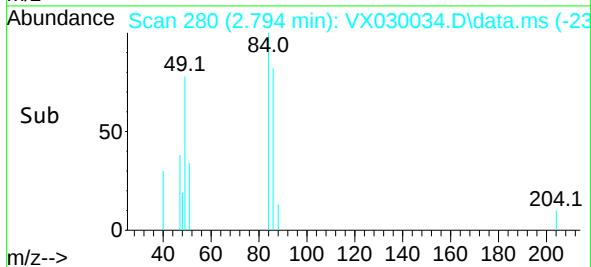
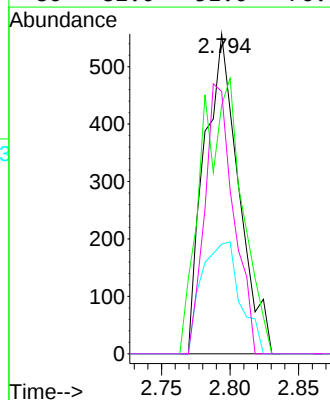
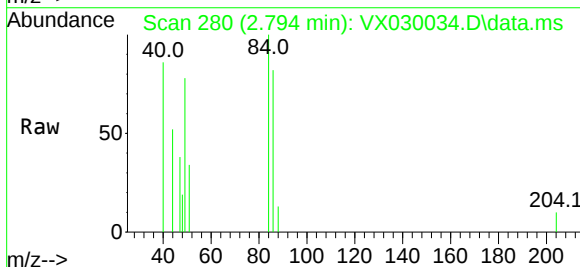
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBL01

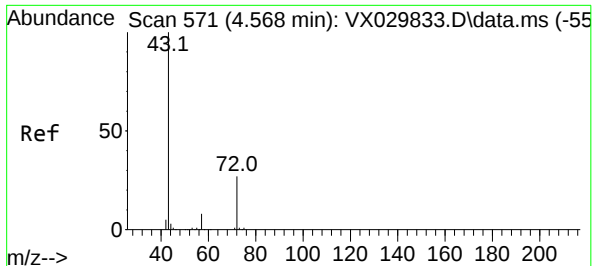
Tgt Ion: 43 Resp: 939
Ion Ratio Lower Upper
43 100
58 34.0 27.7 41.5



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

Tgt Ion: 84 Resp: 969
Ion Ratio Lower Upper
84 100
49 77.7 93.8 140.6#
51 34.3 29.4 44.0
86 82.0 51.0 76.4#

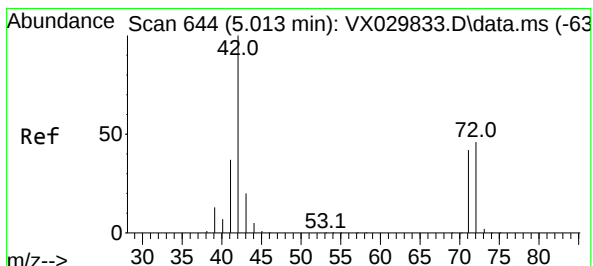
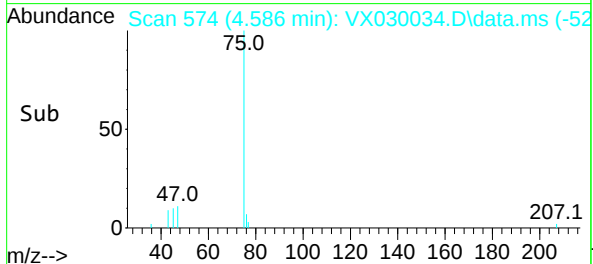
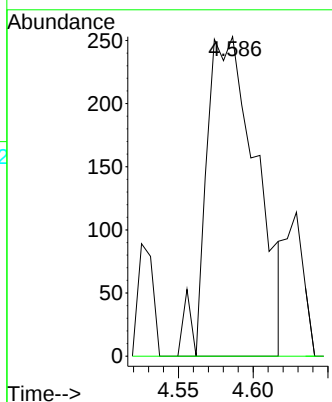
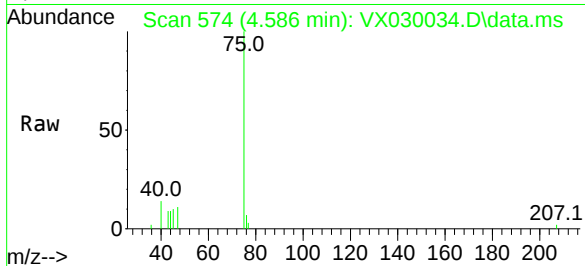




#25
2-Butanone
Concen: 0.308 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

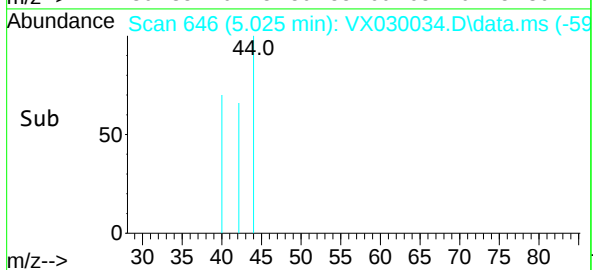
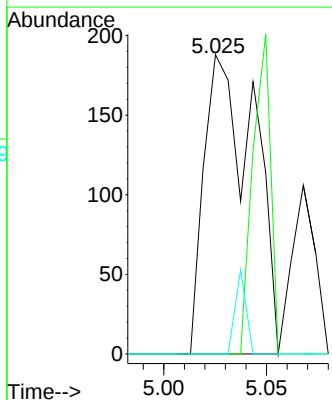
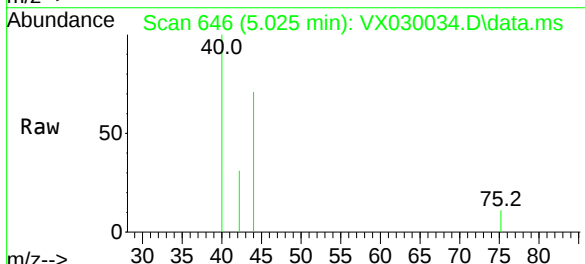
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBL01

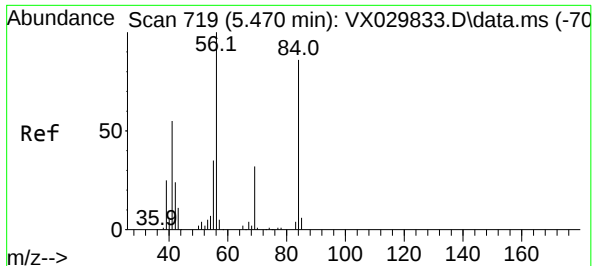
Tgt Ion: 43 Resp: 593
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#29
Tetrahydrofuran
Concen: 0.239 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.012 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

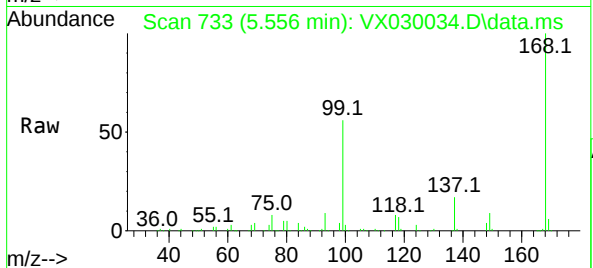
Tgt Ion: 42 Resp: 313
Ion Ratio Lower Upper
42 100
72 0.0 36.5 54.7#
71 0.0 33.9 50.9#



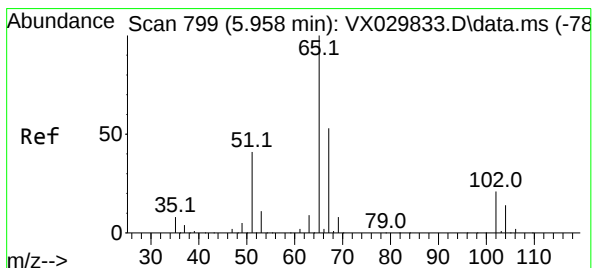
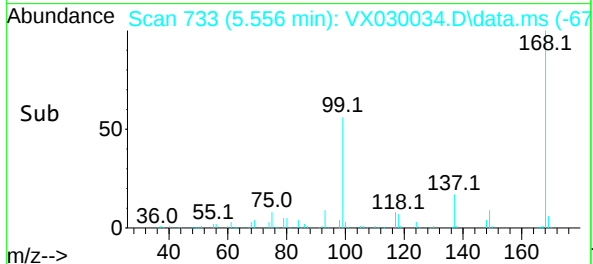
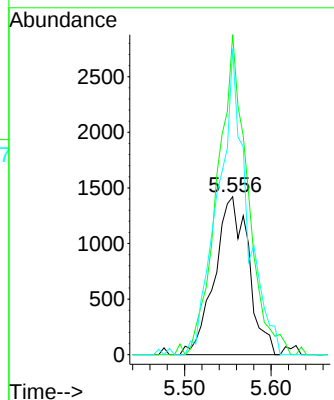


#31
Cyclohexane
Concen: 1.111 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBL01

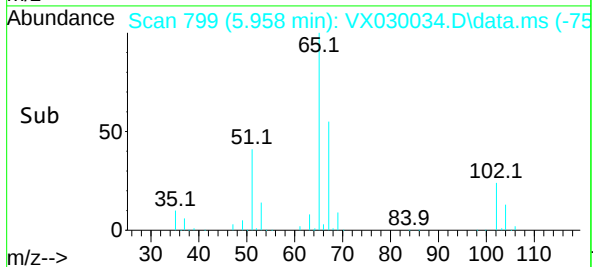
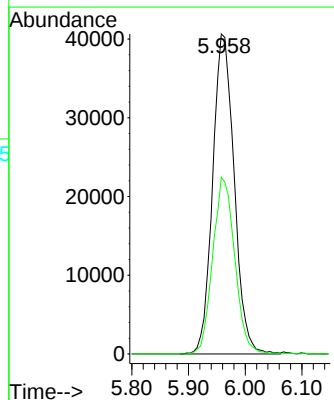
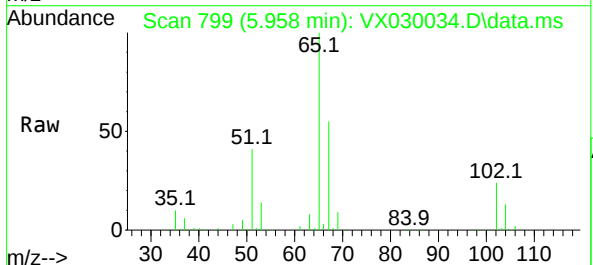


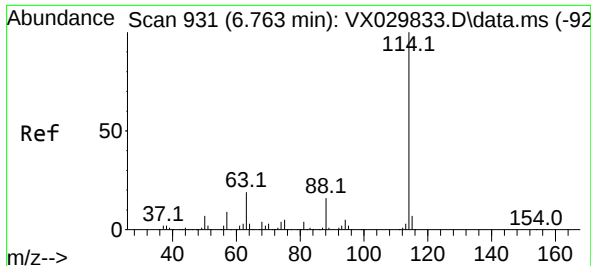
Tgt Ion: 56 Resp: 3863
Ion Ratio Lower Upper
56 100
69 195.7 25.4 38.0#
84 193.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 44.575 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

Tgt Ion: 65 Resp: 106948
Ion Ratio Lower Upper
65 100
67 56.5 0.0 109.6

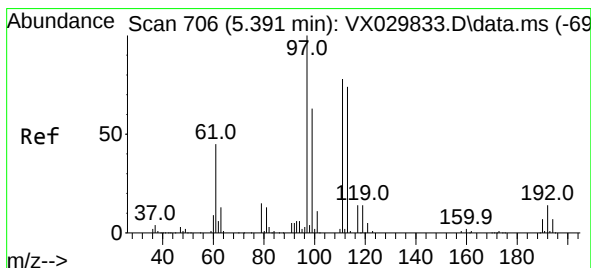
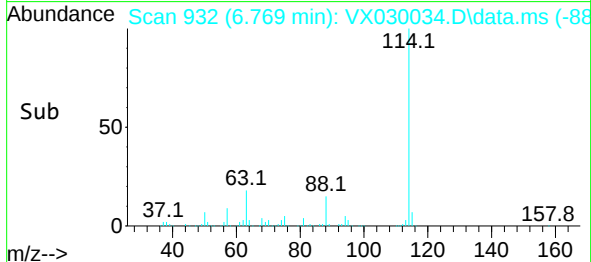
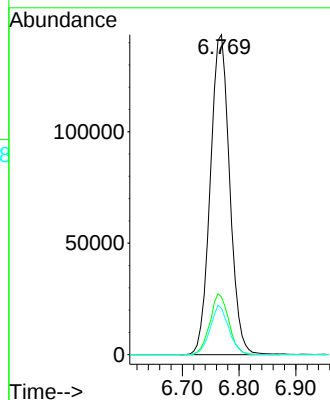
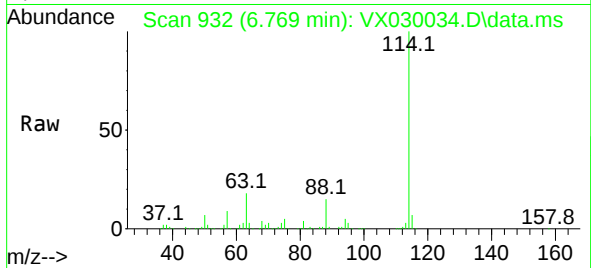




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

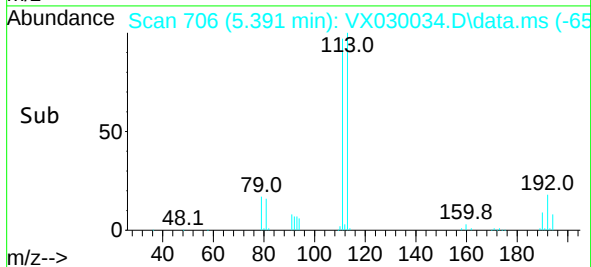
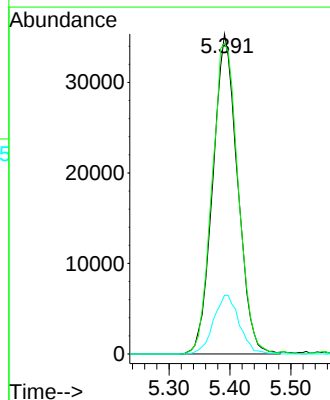
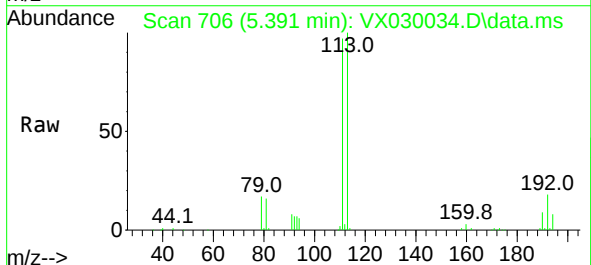
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBL01

Tgt Ion:114 Resp: 340849
Ion Ratio Lower Upper
114 100
63 18.0 0.0 38.4
88 14.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.786 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

Tgt Ion:113 Resp: 99698
Ion Ratio Lower Upper
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111 102.4 83.2 124.8
192 19.1 14.8 22.2

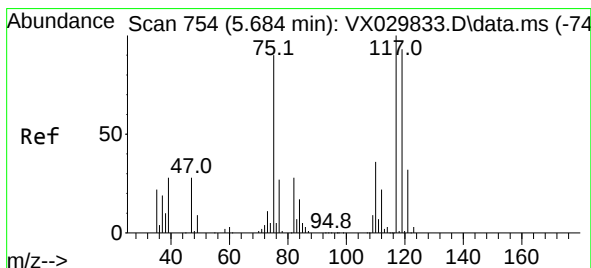
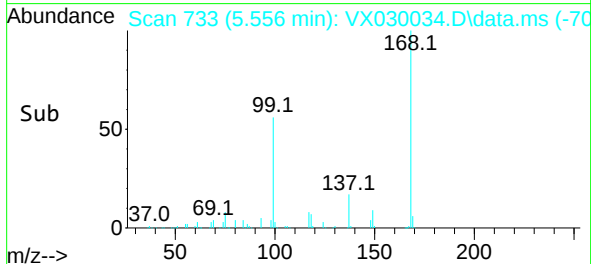
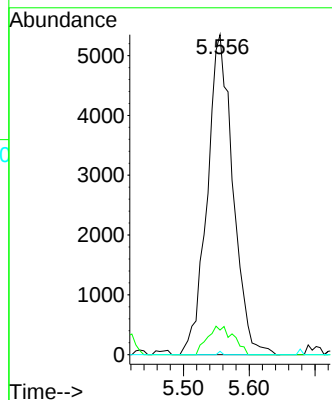
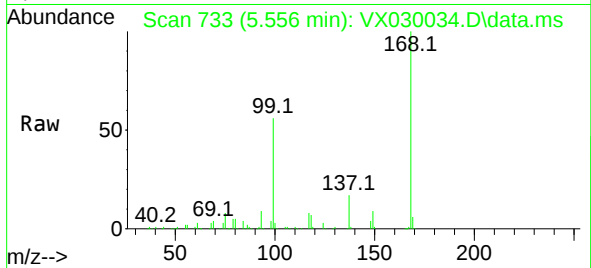




#36
1,1-Dichloropropene
Concen: 5.185 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

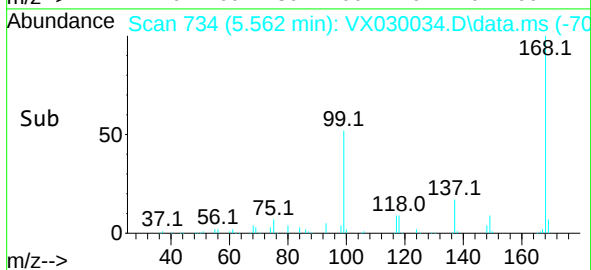
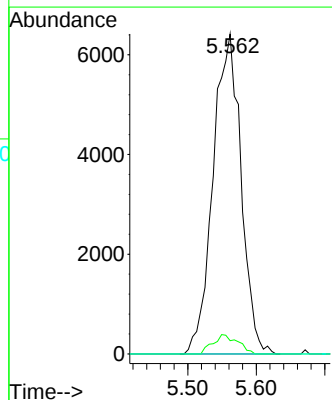
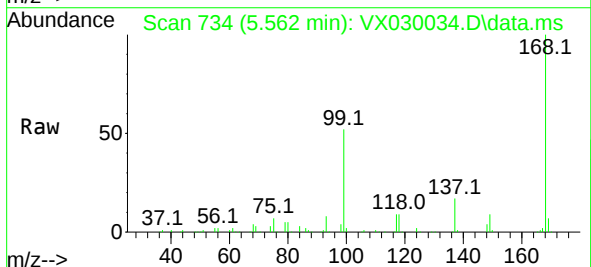
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBL01

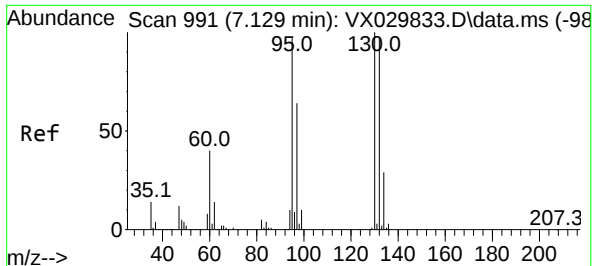
Tgt Ion: 75 Resp: 14584
Ion Ratio Lower Upper
75 100
110 9.0 19.3 57.9#
77 0.1 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.931 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

Tgt Ion: 117 Resp: 18179
Ion Ratio Lower Upper
117 100
119 4.2 74.1 111.1#
121 0.0 25.8 38.8#

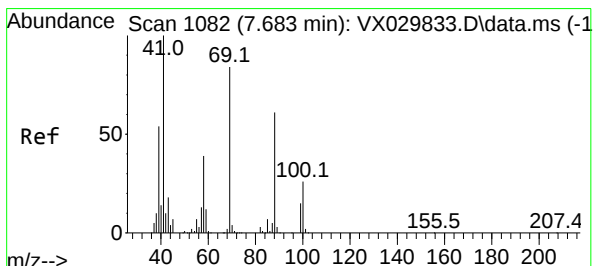
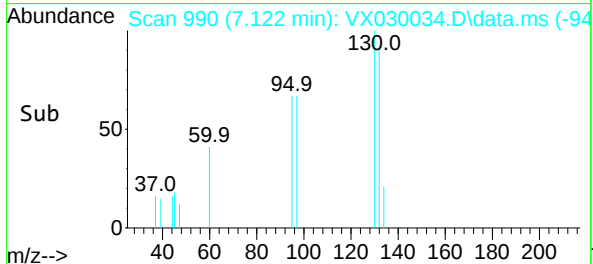
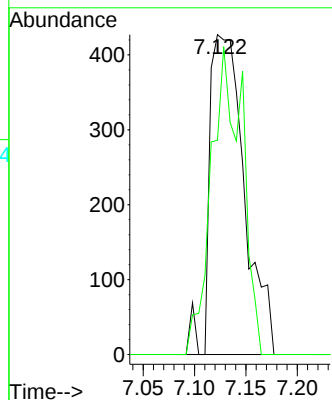
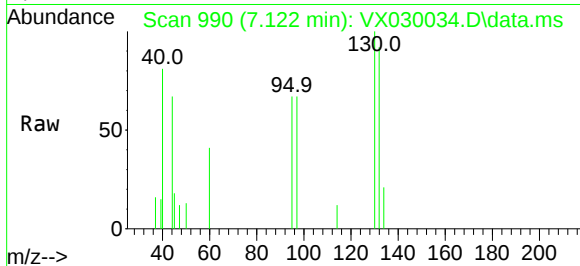




#44
Trichloroethene
Concen: 0.388 ug/l
RT: 7.122 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

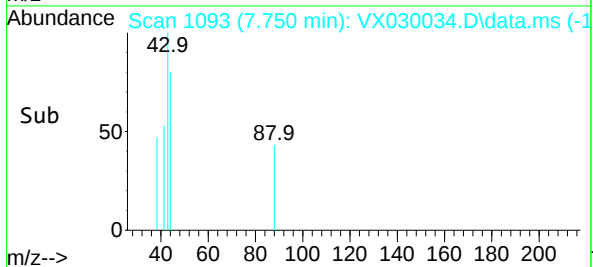
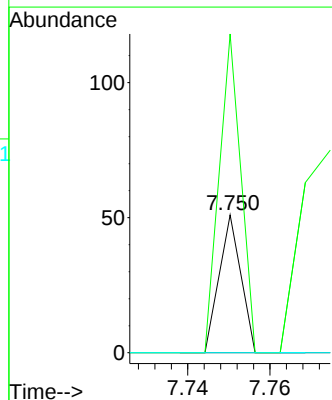
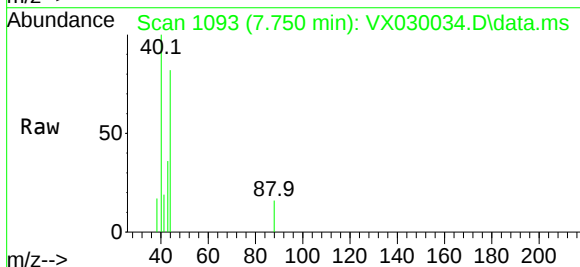
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBL01

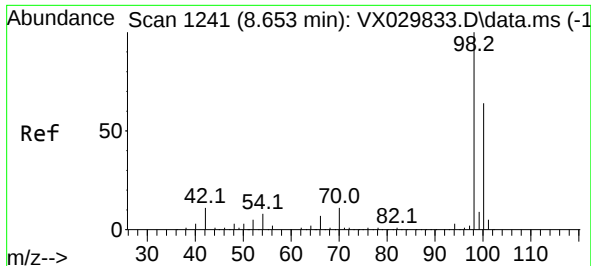
Tgt Ion:130 Resp: 1004
Ion Ratio Lower Upper
130 100
95 67.0 0.0 194.8



#49
1,4-Dioxane
Concen: 0.292 ug/l
RT: 7.750 min Scan# 1093
Delta R.T. 0.067 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 226.3 23.8 35.8#
58 0.0 53.8 80.6#

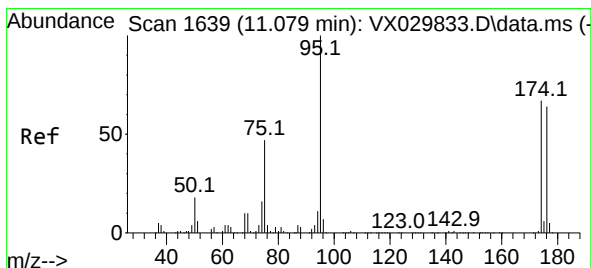
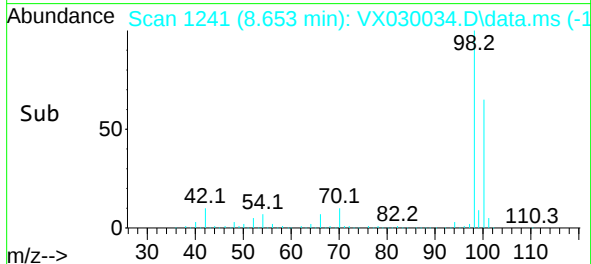
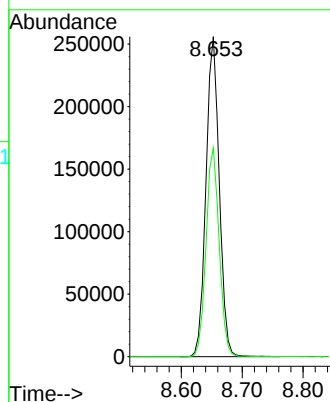
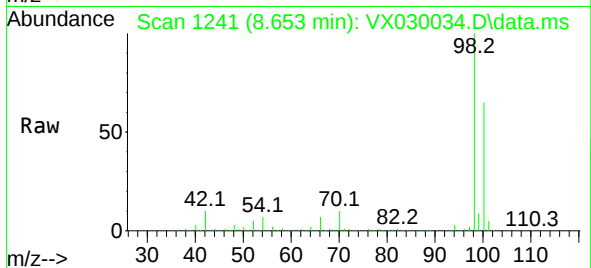




#50
Toluene-d8
Concen: 47.318 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

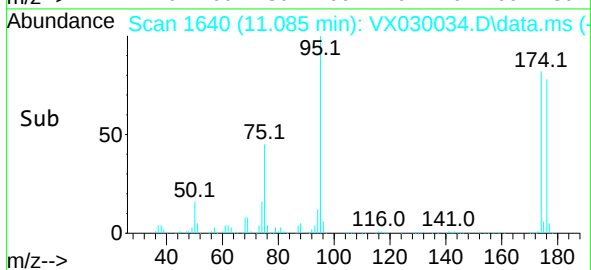
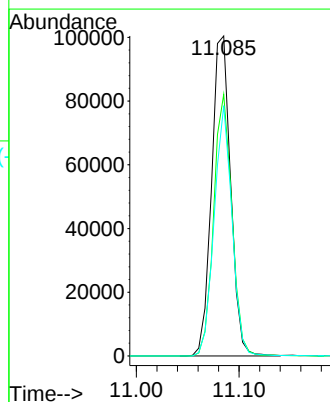
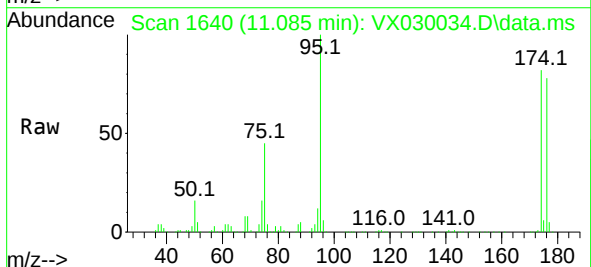
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBL01

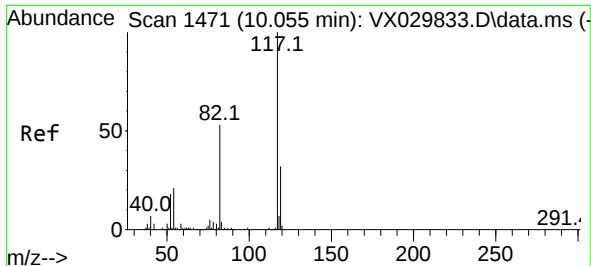
Tgt Ion: 98 Resp: 387508
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.563 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

Tgt Ion: 95 Resp: 129487
Ion Ratio Lower Upper
95 100
174 78.3 0.0 149.0
176 73.4 0.0 146.0

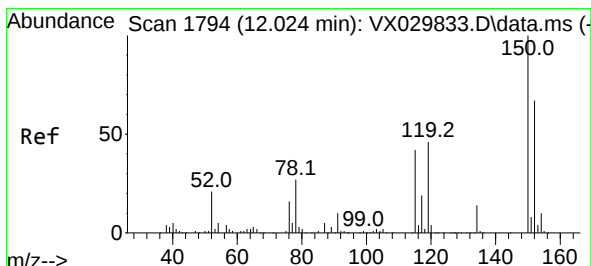
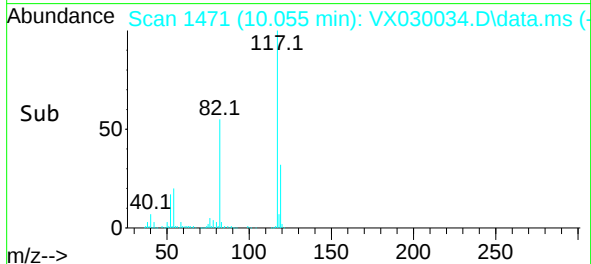
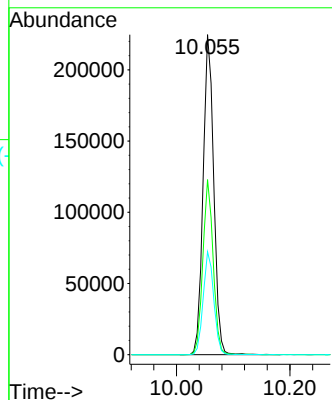
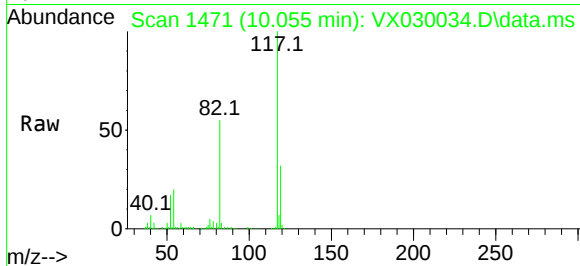




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

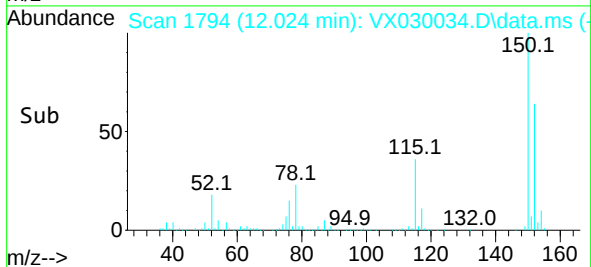
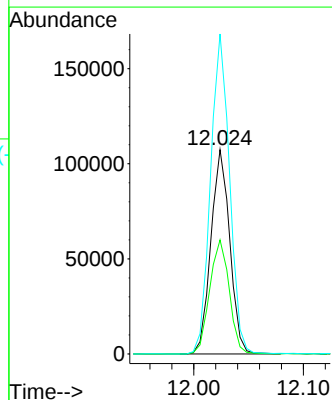
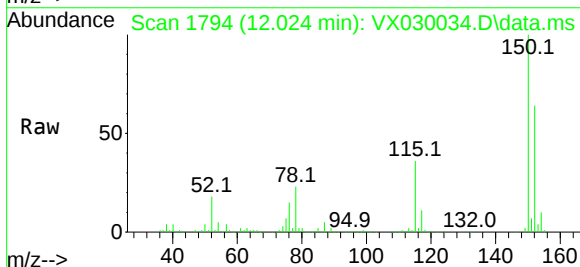
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBL01

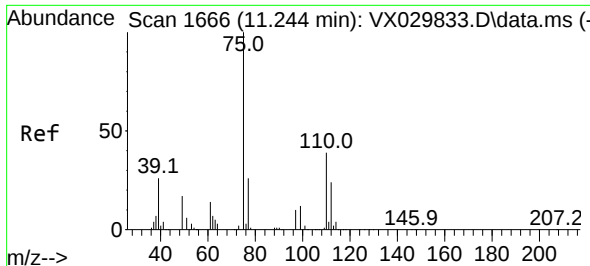
Tgt Ion:117 Resp: 293283
Ion Ratio Lower Upper
117 100
82 54.7 42.7 64.1
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

Tgt Ion:152 Resp: 128628
Ion Ratio Lower Upper
152 100
115 57.8 40.5 121.5
150 157.9 0.0 347.0

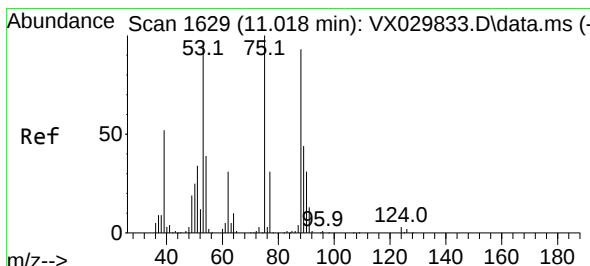
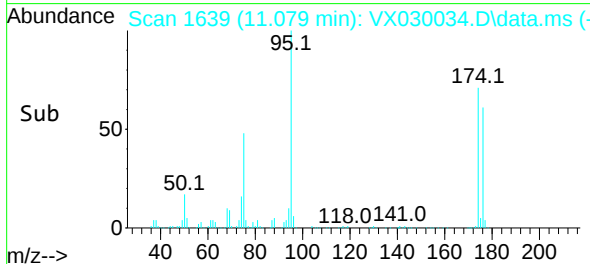
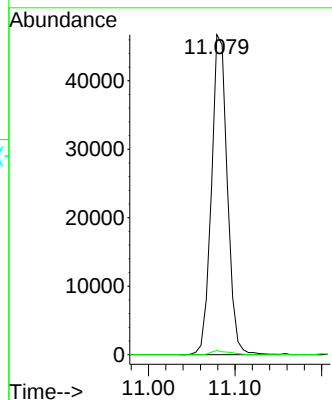
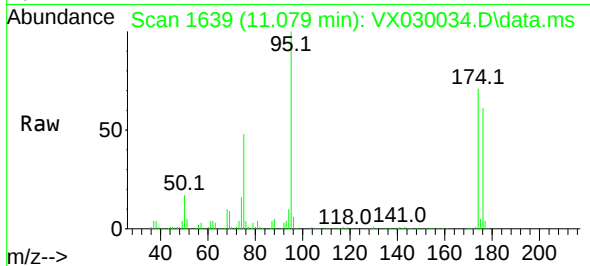




#76
1,2,3-Trichloropropane
Concen: 20.145 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBL01

Tgt Ion: 75 Resp: 59578
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.138 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX030034.D
Acq: 13 Jul 2022 10:48

Tgt Ion: 75 Resp: 59578
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

