

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029173.D
 Acq On : 03 Jun 2022 07:05
 Operator : JC/MD
 Sample : N3164-13 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 37BR-20220531

Quant Time: Jun 03 09:43:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

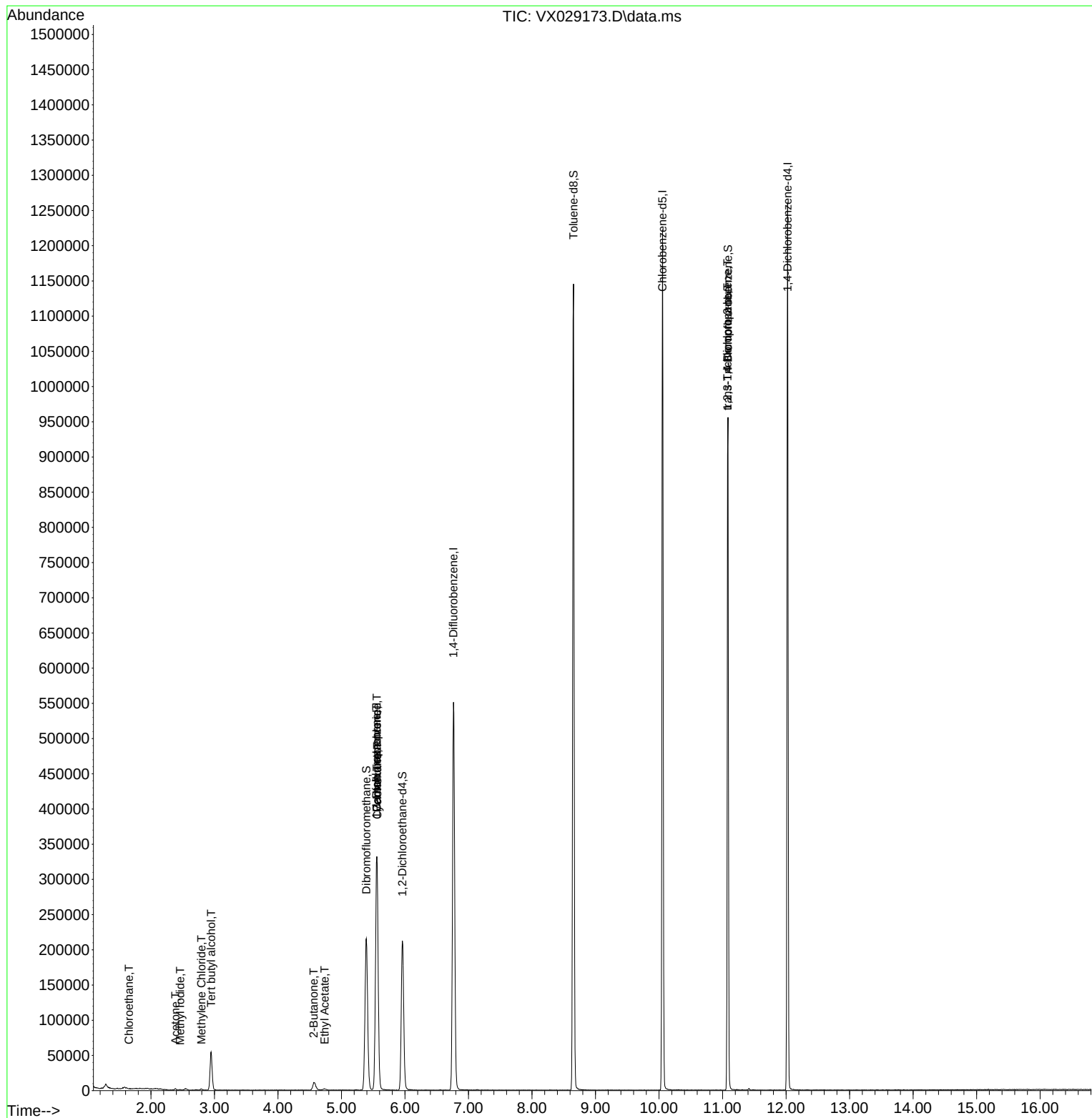
Internal Standards						
1) Pentafluorobenzene	5.556	168	320715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	592534	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	567995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	259582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	209385	57.897	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	115.800%
35) Dibromofluoromethane	5.391	113	194761	49.485	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.980%
50) Toluene-d8	8.653	98	693481	48.176	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.360%
62) 4-Bromofluorobenzene	11.085	95	274592	49.349	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.700%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	817	Below Cal		82
6) Chloroethane	1.654	64	166	1.463	ug/l #	43
10) Methyl Iodide	2.459	142	544	4.365	ug/l #	89
11) Tert butyl alcohol	2.946	59	31077	37.094	ug/l #	77
16) Acetone	2.385	43	1968	1.382	ug/l #	85
20) Methylene Chloride	2.794	84	855	0.258	ug/l	89
25) 2-Butanone	4.562	43	762	0.332	ug/l #	44
31) Cyclohexane	5.562	56	5970	1.270	ug/l #	6
36) 1,1-Dichloropropene	5.550	75	24281	4.795	ug/l #	50
37) Ethyl Acetate	4.733	43	2926	0.596	ug/l #	88
38) Carbon Tetrachloride	5.556	117	33195	5.736	ug/l #	16
44) Trichloroethene	7.128	130	252	Below Cal		88
76) 1,2,3-Trichloropropane	11.079	75	131347	24.961	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	131347	73.230	ug/l #	15

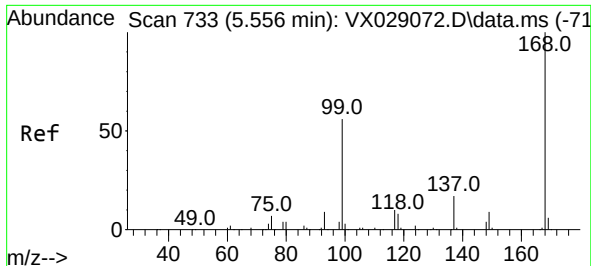
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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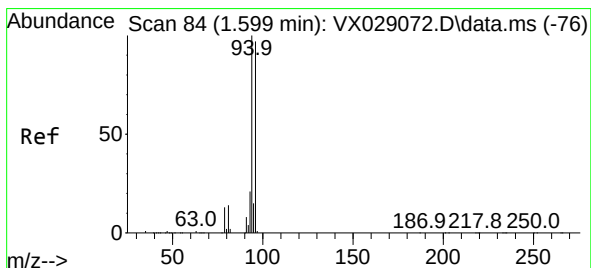
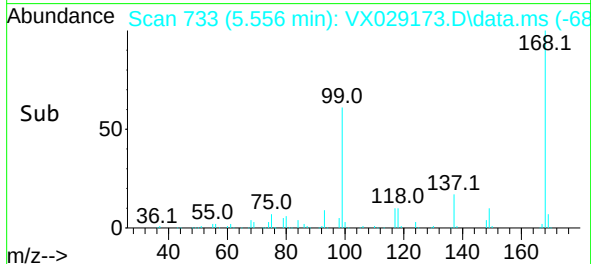
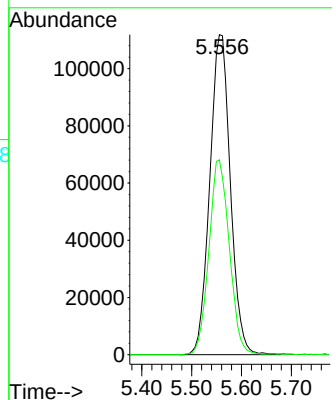
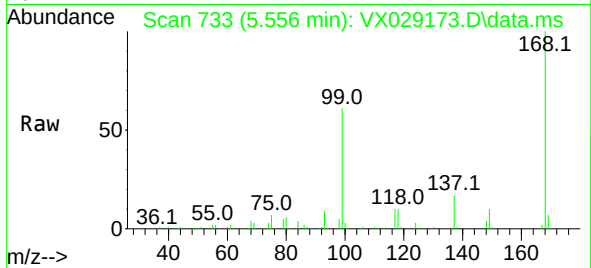




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029173.D
Acq: 03 Jun 2022 07:05

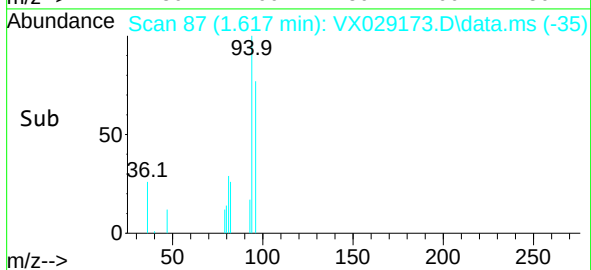
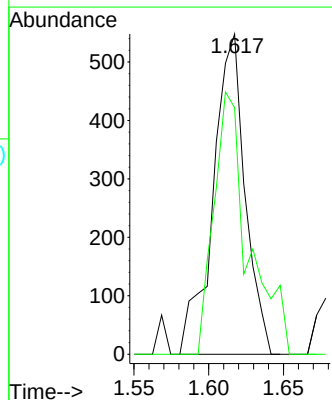
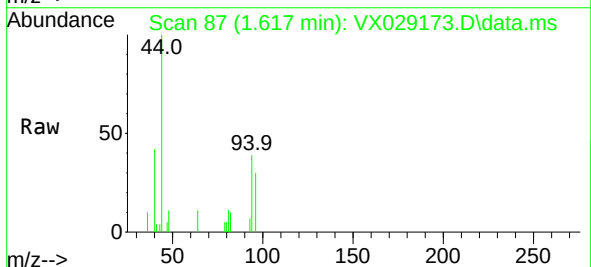
Instrument :
MSVOA_X
ClientSampleId :
37BR-20220531

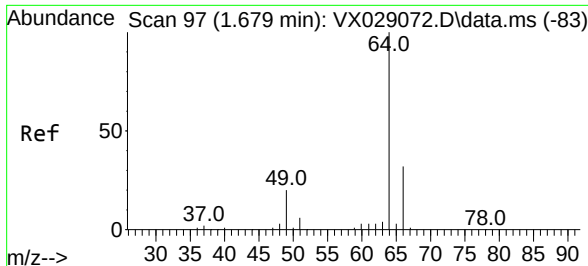
Tgt Ion:168 Resp: 320715
Ion Ratio Lower Upper
168 100
99 60.9 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX029173.D
Acq: 03 Jun 2022 07:05

Tgt Ion: 94 Resp: 817
Ion Ratio Lower Upper
94 100
96 77.0 75.3 112.9

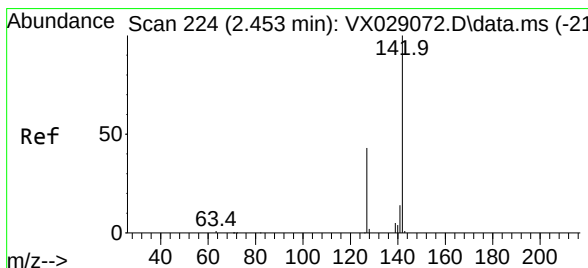
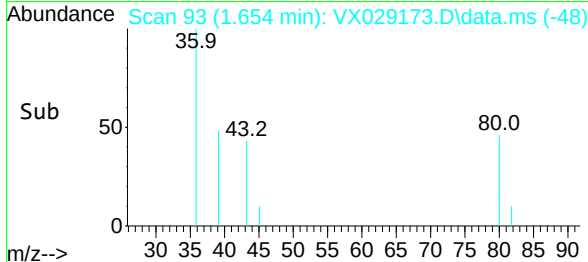
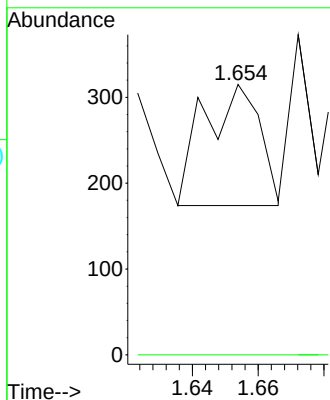
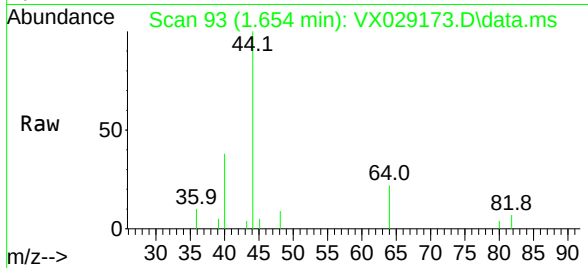




#6
Chloroethane
Concen: 1.463 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.025 min
Lab File: VX029173.D
Acq: 03 Jun 2022 07:05

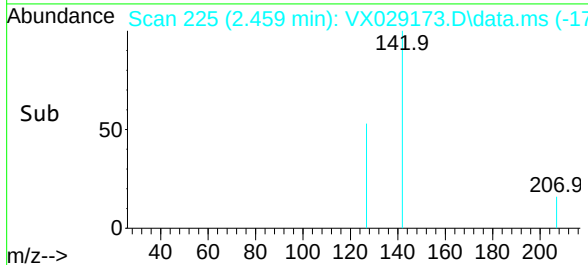
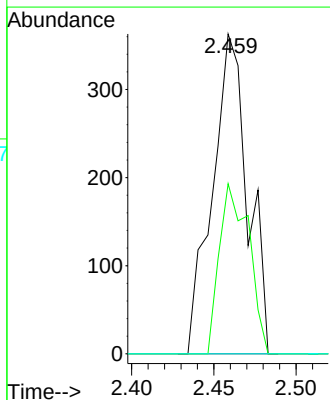
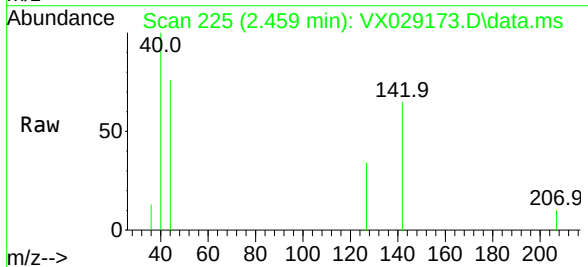
Instrument :
MSVOA_X
ClientSampleId :
37BR-20220531

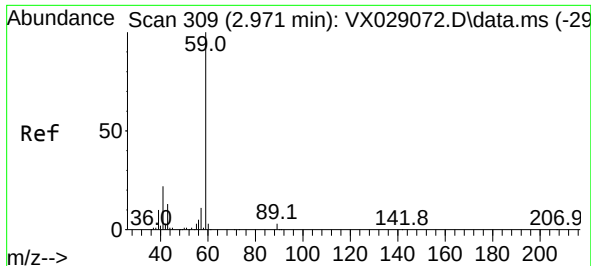
Tgt Ion: 64 Resp: 166
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 4.365 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029173.D
Acq: 03 Jun 2022 07:05

Tgt Ion:142 Resp: 544
Ion Ratio Lower Upper
142 100
127 44.3 33.9 50.9
141 0.0 11.4 17.2#

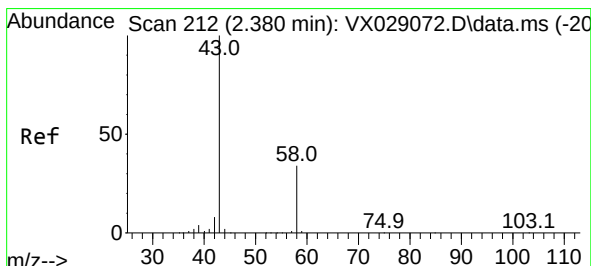
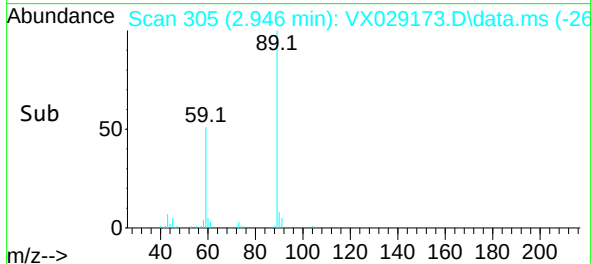
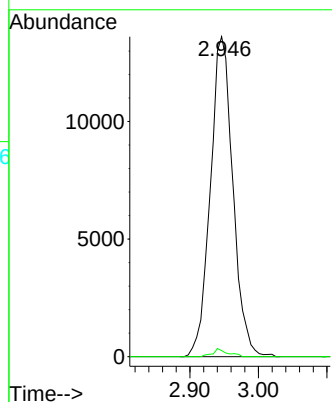
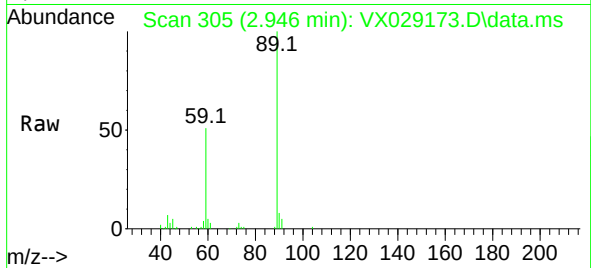




#11
Tert butyl alcohol
Concen: 37.094 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX029173.D
Acq: 03 Jun 2022 07:05

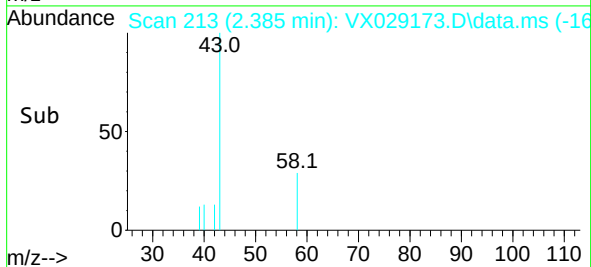
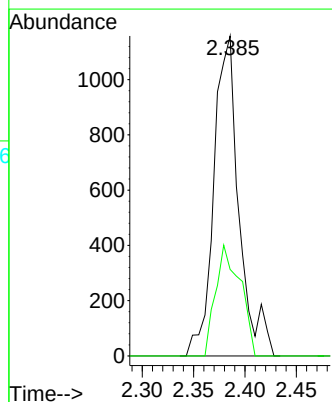
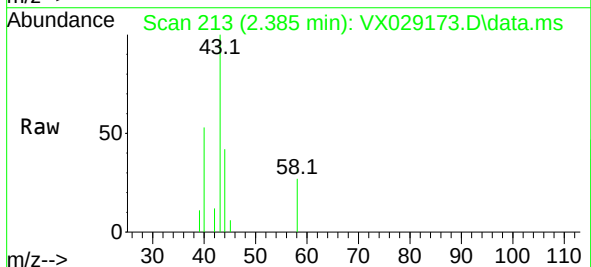
Instrument :
MSVOA_X
ClientSampleId :
37BR-20220531

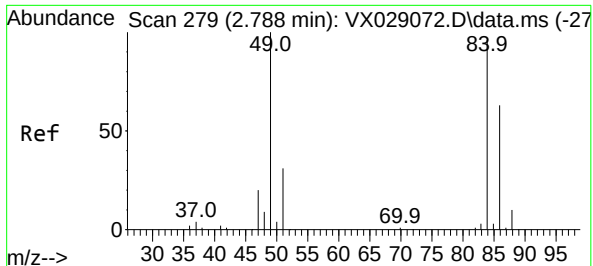
Tgt Ion: 59 Resp: 31077
Ion Ratio Lower Upper
59 100
57 1.7 8.3 12.5#



#16
Acetone
Concen: 1.382 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.005 min
Lab File: VX029173.D
Acq: 03 Jun 2022 07:05

Tgt Ion: 43 Resp: 1968
Ion Ratio Lower Upper
43 100
58 27.0 28.8 43.2#





#20

Methylene Chloride

Concen: 0.258 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX029173.D

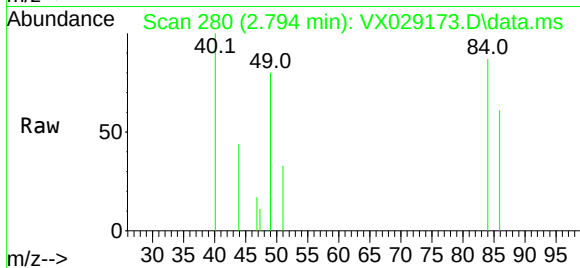
Acq: 03 Jun 2022 07:05

Instrument :

MSVOA_X

ClientSampleId :

37BR-20220531



Tgt Ion: 84 Resp: 855

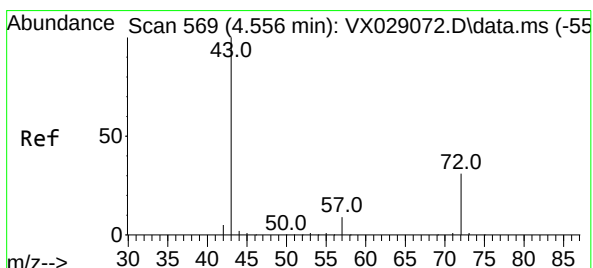
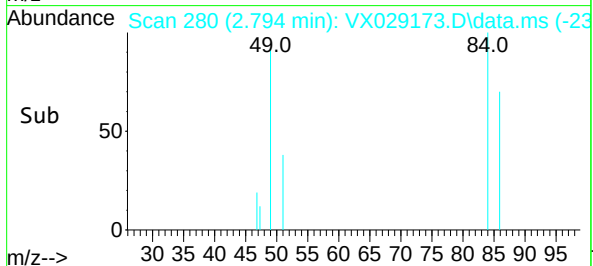
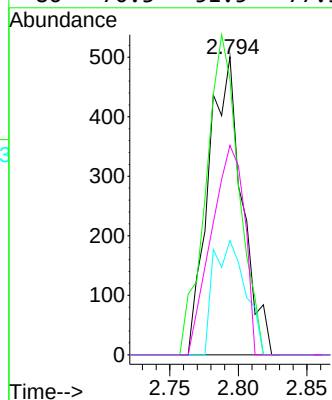
Ion Ratio Lower Upper

84 100

49 92.4 85.5 128.3

51 38.3 26.6 39.8

86 70.3 51.5 77.3



#25

2-Butanone

Concen: 0.332 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX029173.D

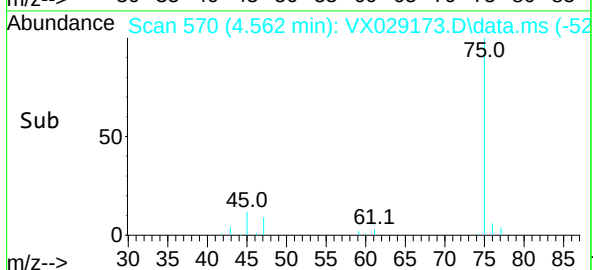
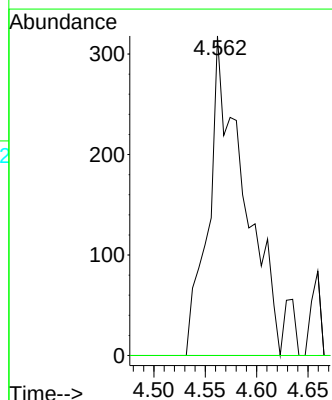
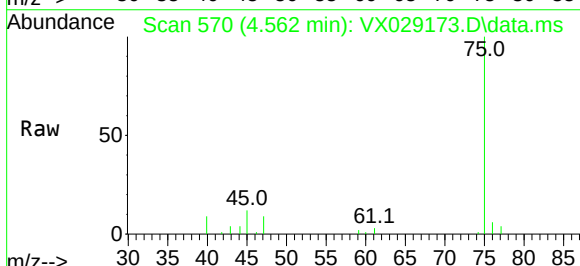
Acq: 03 Jun 2022 07:05

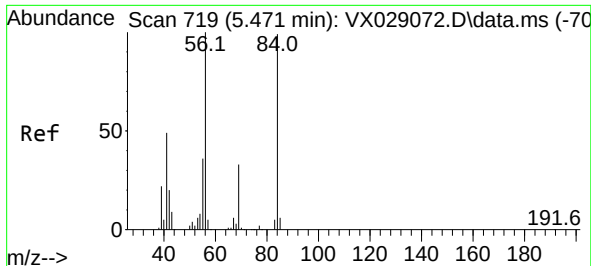
Tgt Ion: 43 Resp: 762

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#

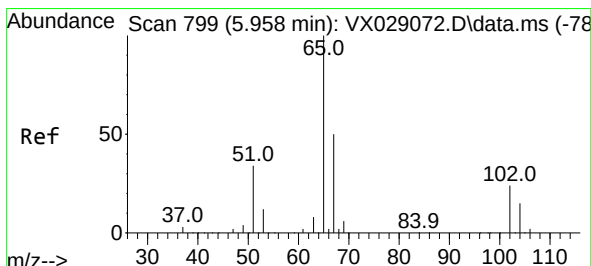
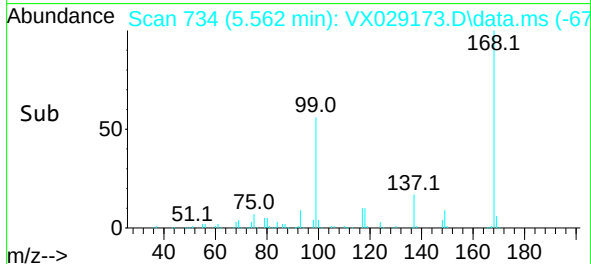
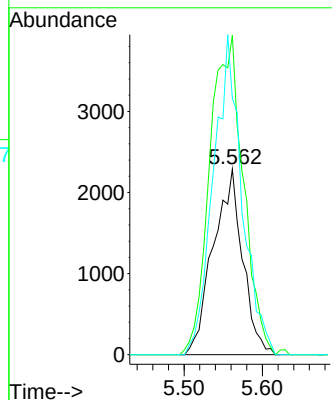
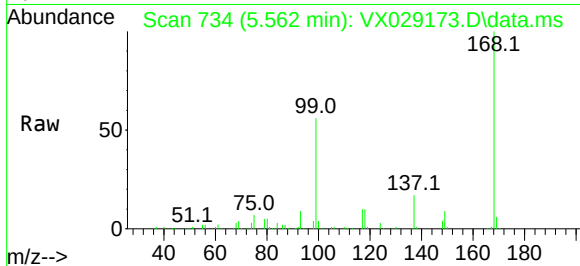




#31
Cyclohexane
Concen: 1.270 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX029173.D
Acq: 03 Jun 2022 07:05

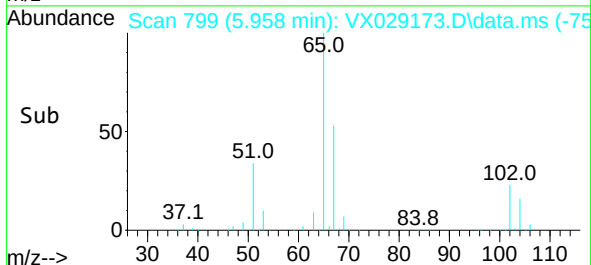
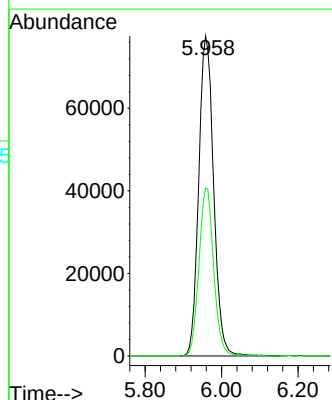
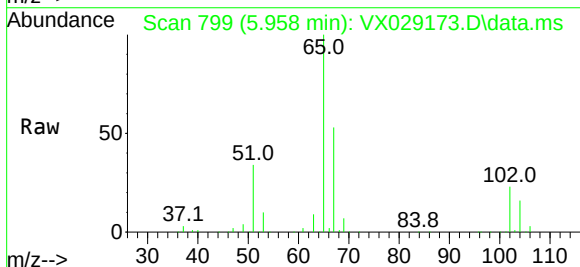
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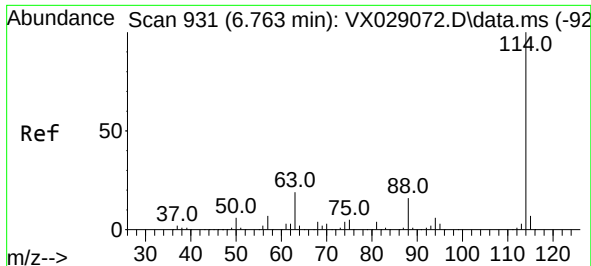
Tgt Ion: 56 Resp: 5970
Ion Ratio Lower Upper
56 100
69 172.1 26.7 40.1#
84 138.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 57.897 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029173.D
Acq: 03 Jun 2022 07:05

Tgt Ion: 65 Resp: 209385
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4

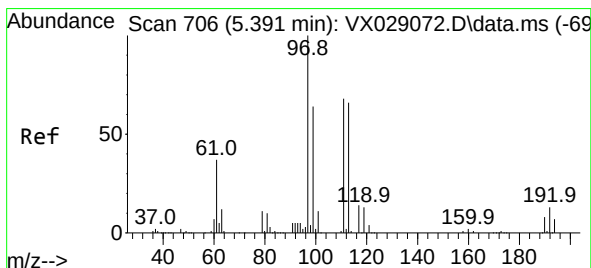
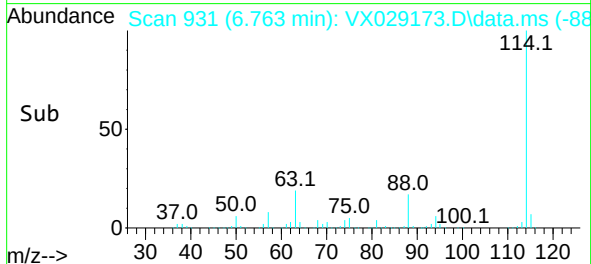
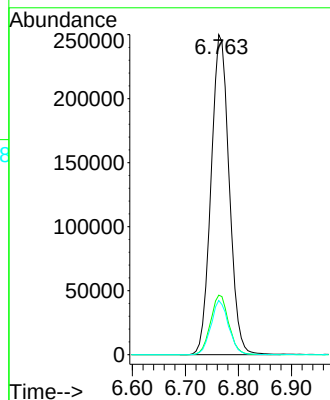
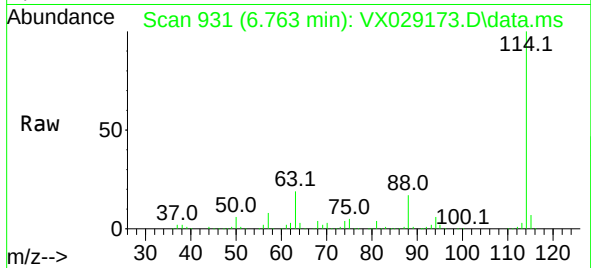




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029173.D
Acq: 03 Jun 2022 07:05

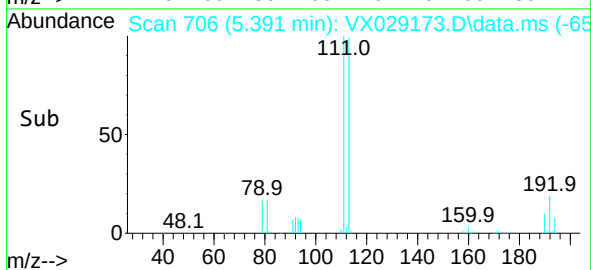
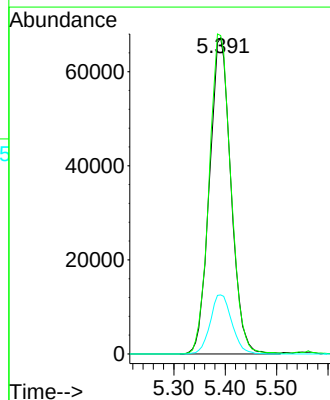
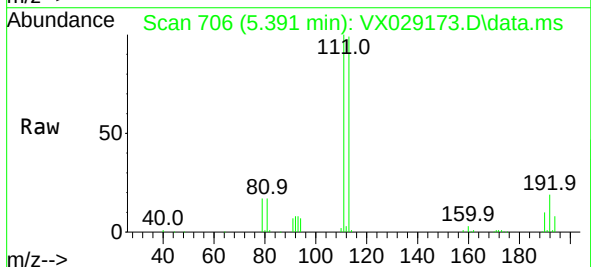
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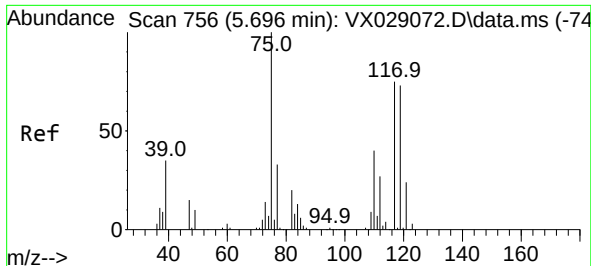
Tgt Ion:114 Resp: 592534
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 17.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.485 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029173.D
Acq: 03 Jun 2022 07:05

Tgt Ion:113 Resp: 194761
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 18.8 16.9 25.3

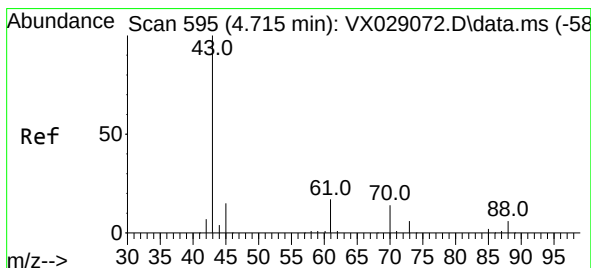
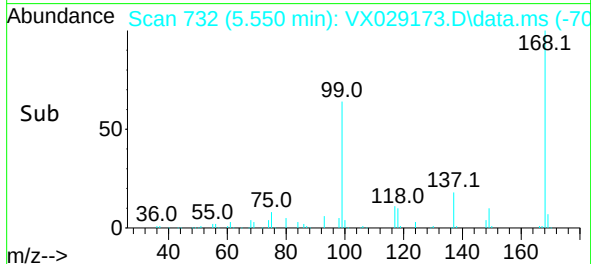
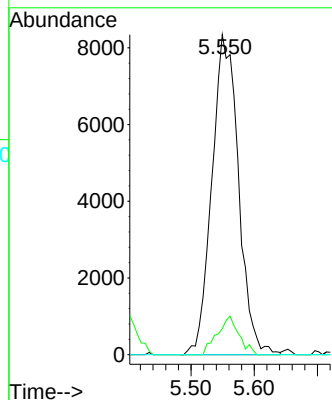
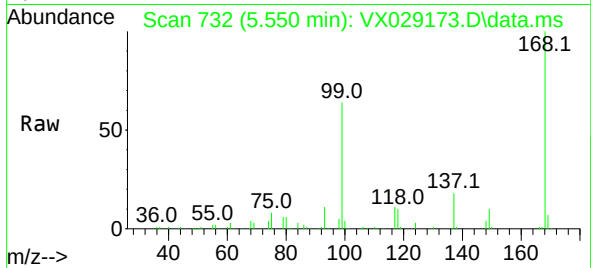




#36
1,1-Dichloropropene
Concen: 4.795 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX029173.D
Acq: 03 Jun 2022 07:05

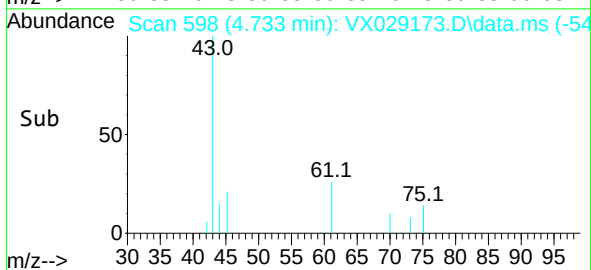
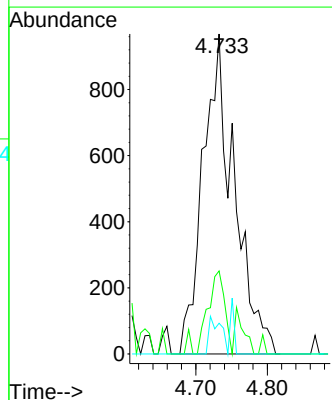
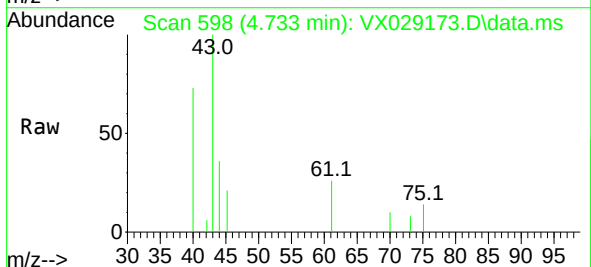
Instrument :
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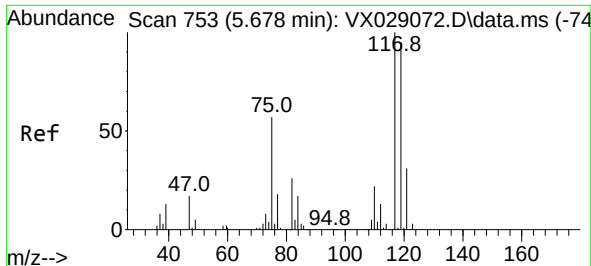
Tgt Ion: 75 Resp: 24281
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 0.596 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX029173.D
Acq: 03 Jun 2022 07:05

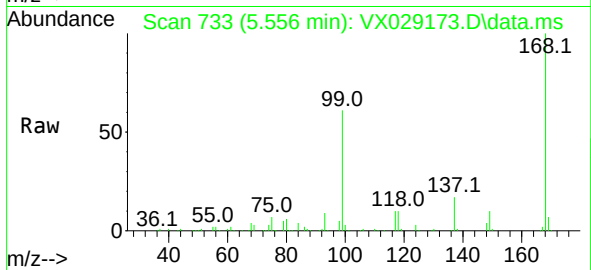
Tgt Ion: 43 Resp: 2926
Ion Ratio Lower Upper
43 100
61 13.8 12.6 19.0
70 4.5 10.2 15.2#



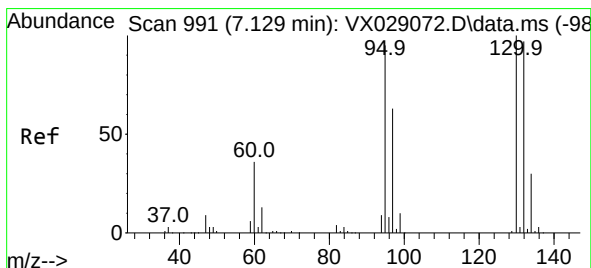
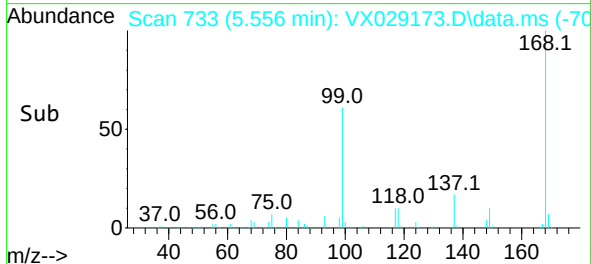
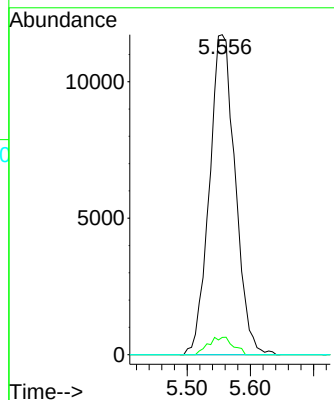


#38
Carbon Tetrachloride
Concen: 5.736 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX029173.D
Acq: 03 Jun 2022 07:05

Instrument :
MSVOA_X
ClientSampleId :
37BR-20220531

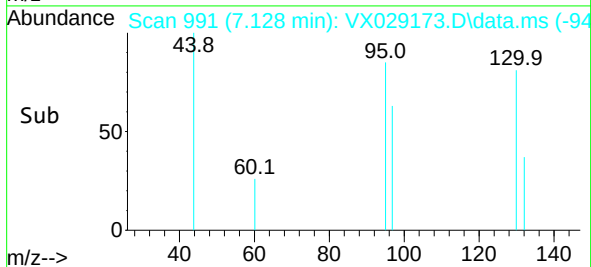
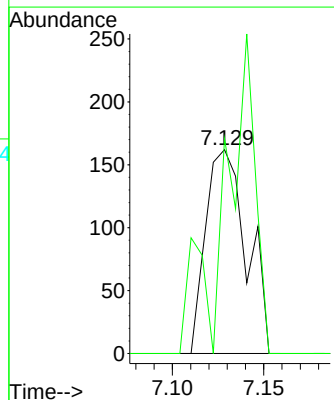
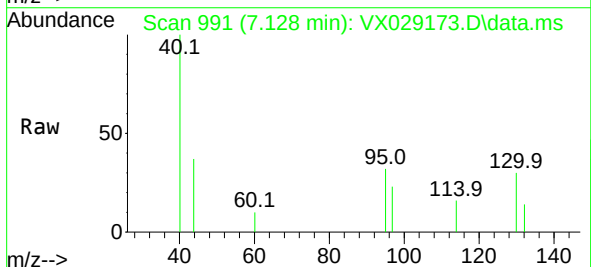


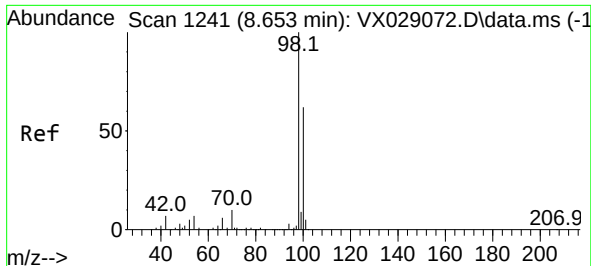
Tgt Ion:117 Resp: 33195
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029173.D
Acq: 03 Jun 2022 07:05

Tgt Ion:130 Resp: 252
Ion Ratio Lower Upper
130 100
95 105.6 0.0 188.8

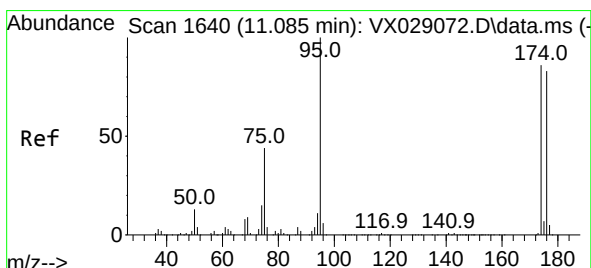
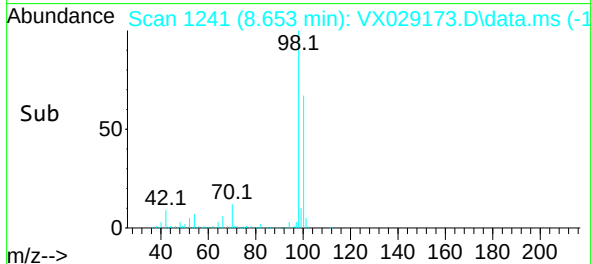
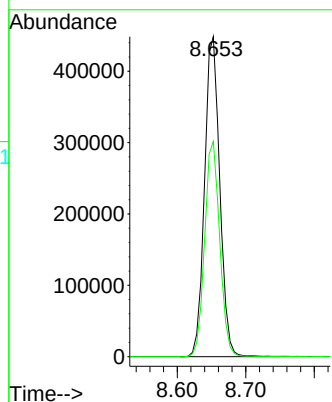
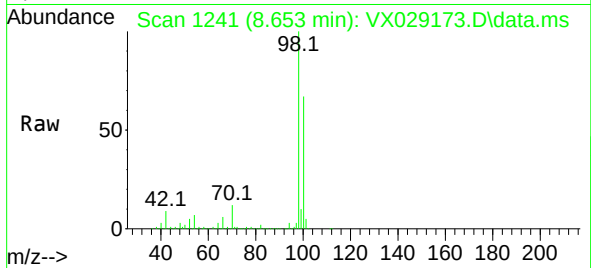




#50
Toluene-d8
Concen: 48.176 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029173.D
Acq: 03 Jun 2022 07:05

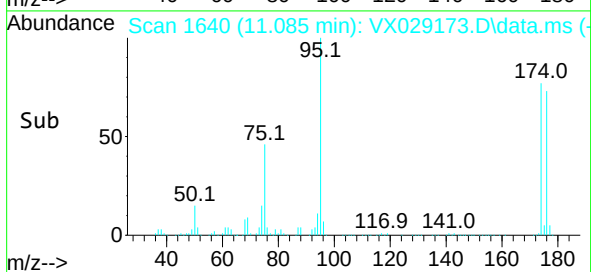
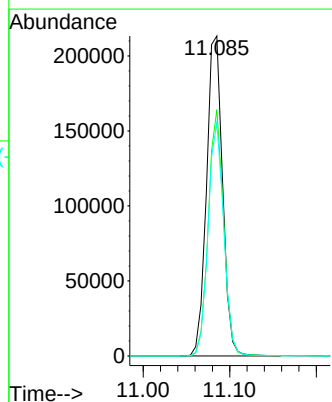
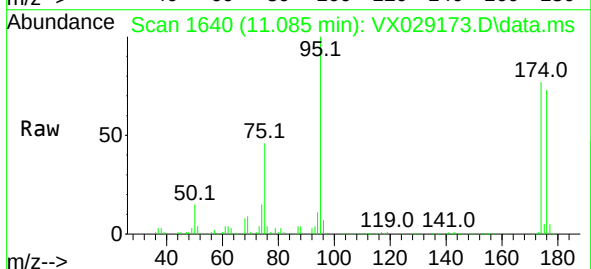
Instrument :
MSVOA_X
ClientSampleId :
37BR-20220531

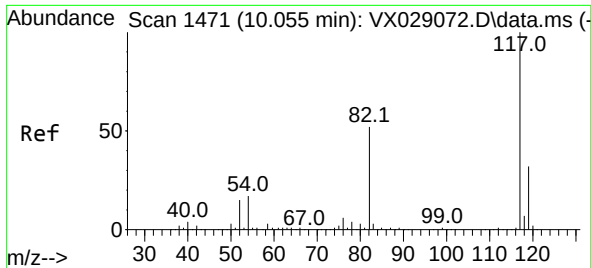
Tgt Ion: 98 Resp: 693481
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.349 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029173.D
Acq: 03 Jun 2022 07:05

Tgt Ion: 95 Resp: 274592
Ion Ratio Lower Upper
95 100
174 73.5 0.0 163.0
176 71.0 0.0 155.0

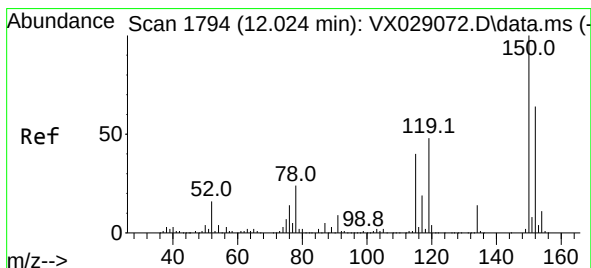
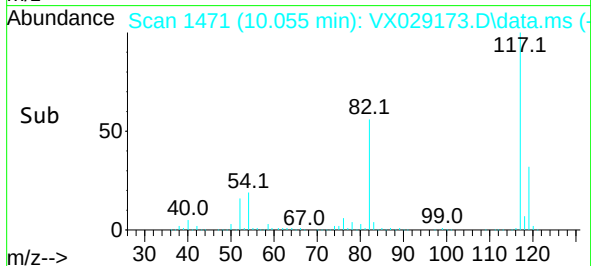
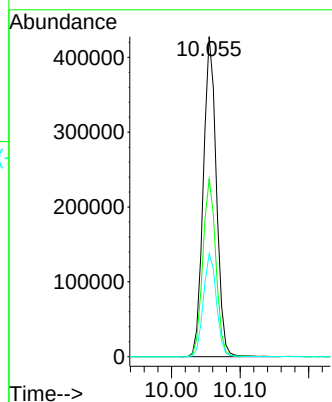
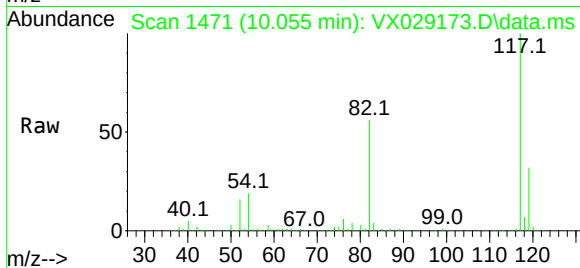




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029173.D
Acq: 03 Jun 2022 07:05

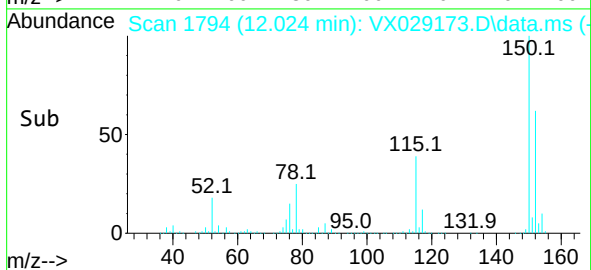
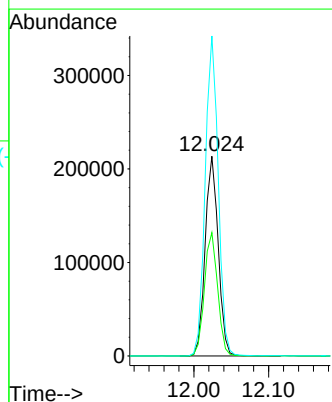
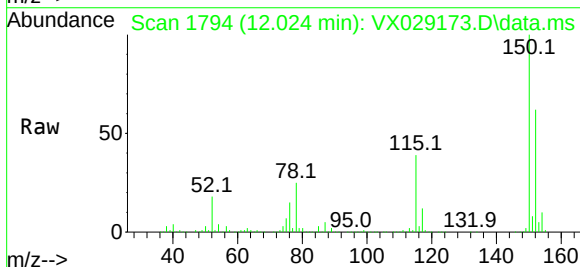
Instrument :
MSVOA_X
ClientSampleId :
37BR-20220531

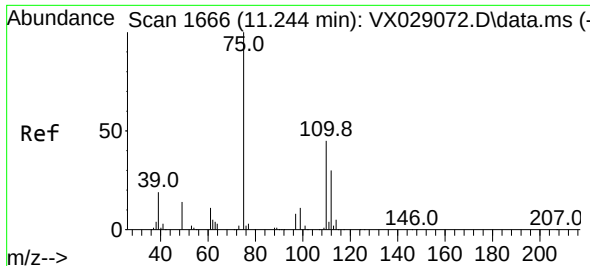
Tgt Ion:117 Resp: 567995
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029173.D
Acq: 03 Jun 2022 07:05

Tgt Ion:152 Resp: 259582
Ion Ratio Lower Upper
152 100
115 62.4 37.5 112.7
150 159.3 0.0 338.2

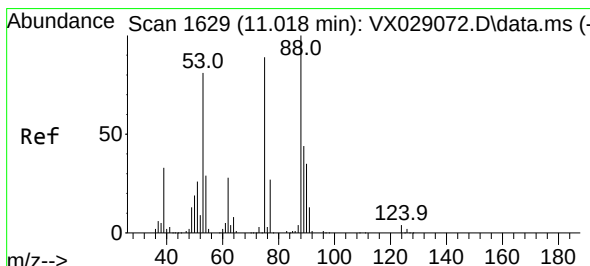
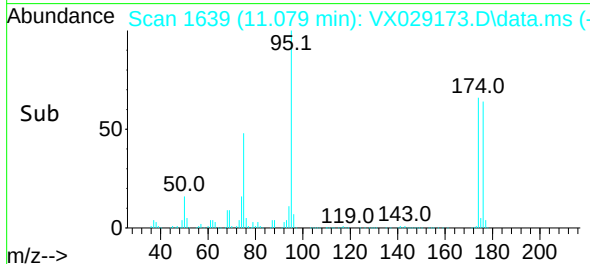
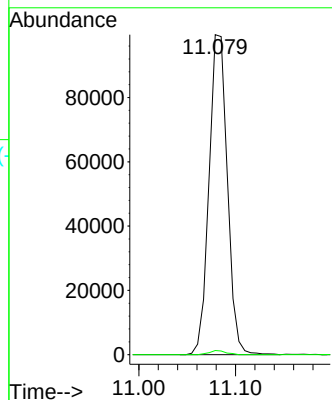
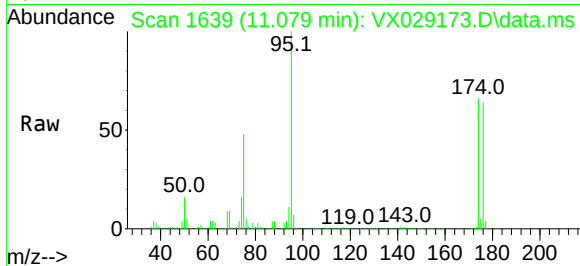




#76
1,2,3-Trichloropropane
Concen: 24.961 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029173.D
Acq: 03 Jun 2022 07:05

Instrument :
MSVOA_X
ClientSampleId :
37BR-20220531

Tgt Ion: 75 Resp: 131347
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.230 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029173.D
Acq: 03 Jun 2022 07:05

Tgt Ion: 75 Resp: 131347
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

