

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029176.D
 Acq On : 03 Jun 2022 08:15
 Operator : JC/MD
 Sample : N3164-16 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39BR-20220531

Quant Time: Jun 03 09:43:41 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)

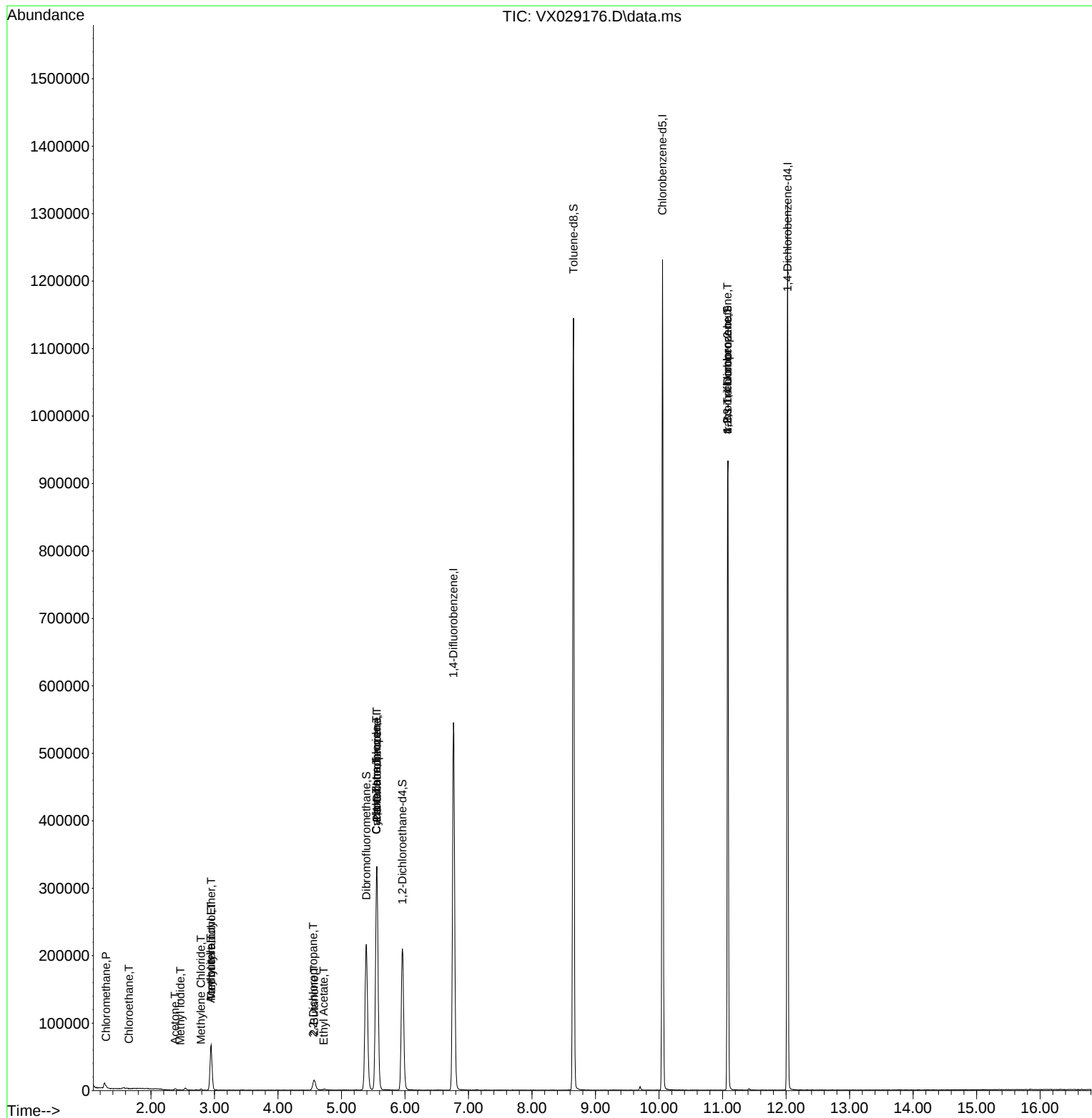
Internal Standards						
1) Pentafluorobenzene	5.556	168	316334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	588520	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	575137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	266278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	207020	58.036	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	116.080%
35) Dibromofluoromethane	5.391	113	194248	49.691	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.380%
50) Toluene-d8	8.653	98	696064	48.686	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.380%
62) 4-Bromofluorobenzene	11.079	95	276124	49.963	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.920%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	741	0.257	ug/l #	83
5) Bromomethane	1.611	94	724	Below Cal		94
6) Chloroethane	1.654	64	557	1.600	ug/l #	75
10) Methyl Iodide	2.465	142	359	4.319	ug/l #	87
11) Tert butyl alcohol	2.946	59	37301	45.140	ug/l #	76
15) Acrylonitrile	2.940	53	545	0.320	ug/l #	18
16) Acetone	2.379	43	2512	1.788	ug/l #	77
19) Methyl tert-butyl Ether	2.946	73	2041	0.211	ug/l #	55
20) Methylene Chloride	2.788	84	794	0.242	ug/l #	79
25) 2-Butanone	4.568	43	1121	0.495	ug/l #	44
26) 2,2-Dichloropropane	4.556	77	1398	0.322	ug/l #	52
31) Cyclohexane	5.550	56	6080	1.311	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23975	4.767	ug/l #	50
37) Ethyl Acetate	4.721	43	2371	0.486	ug/l #	92
38) Carbon Tetrachloride	5.550	117	32401	5.637	ug/l #	16
44) Trichloroethene	7.135	130	227	Below Cal		89
76) 1,2,3-Trichloropropane	11.079	75	133414	24.716	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	133414	72.512	ug/l #	15

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

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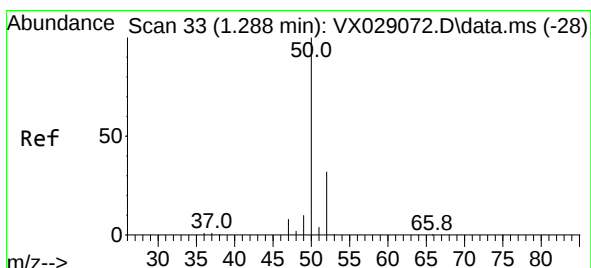
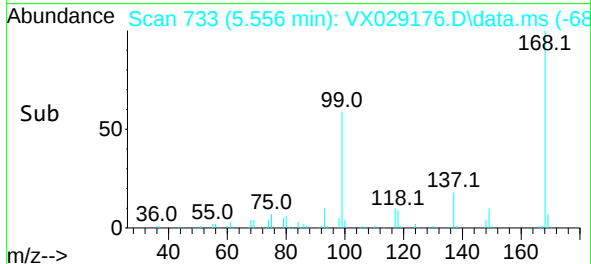
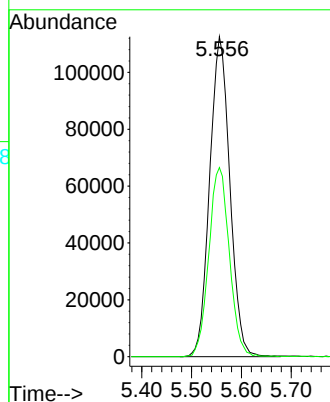
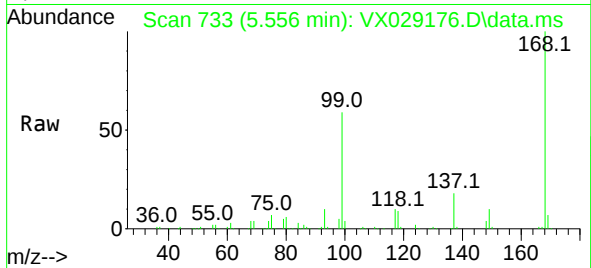




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

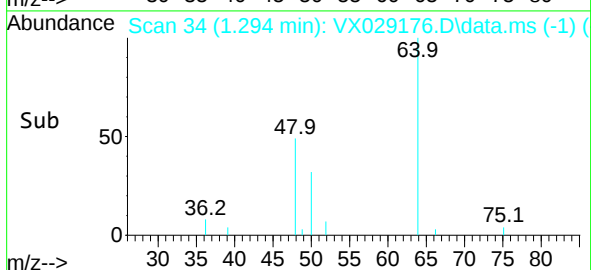
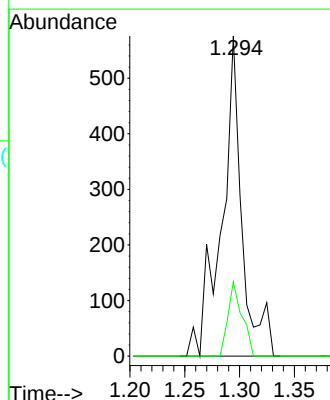
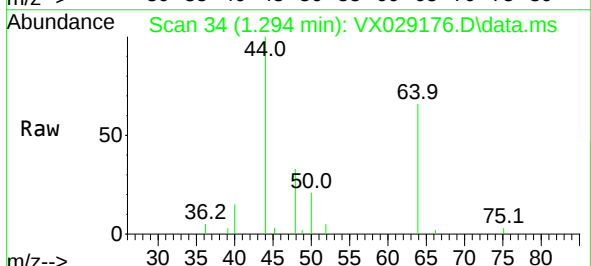
Instrument :
MSVOA_X
ClientSampleId :
39BR-20220531

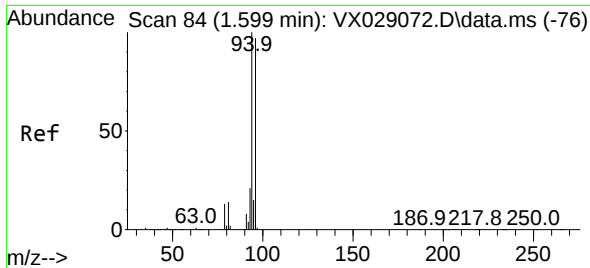
Tgt Ion:168 Resp: 316334
Ion Ratio Lower Upper
168 100
99 59.1 41.7 62.5



#3
Chloromethane
Concen: 0.257 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

Tgt Ion: 50 Resp: 741
Ion Ratio Lower Upper
50 100
52 23.3 26.4 39.6#

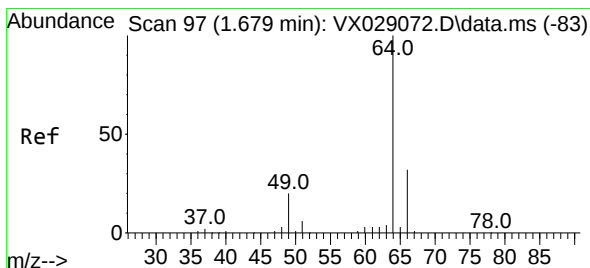
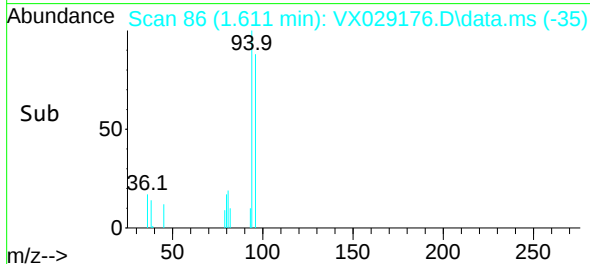
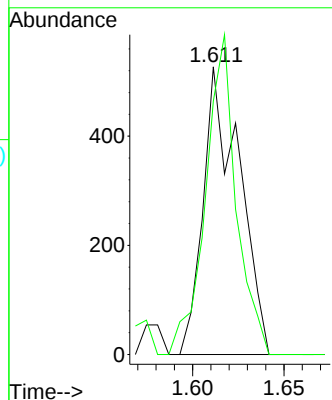
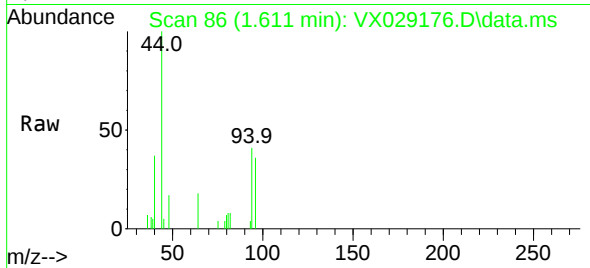




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

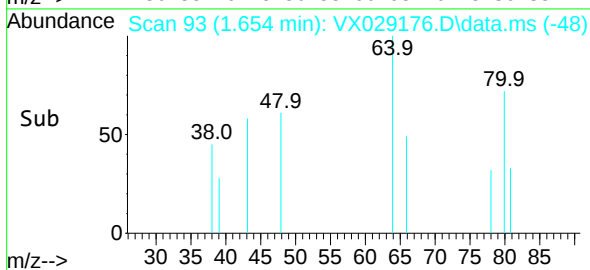
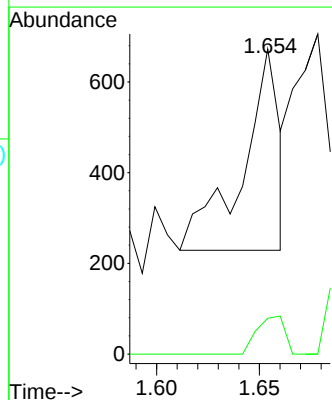
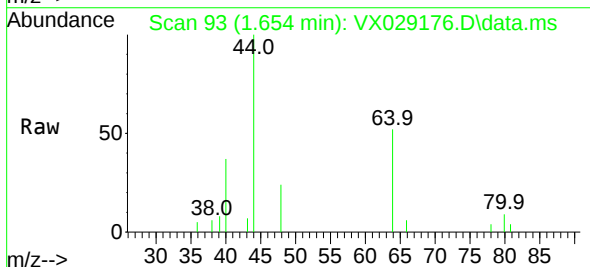
Instrument :
MSVOA_X
ClientSampleId :
39BR-20220531

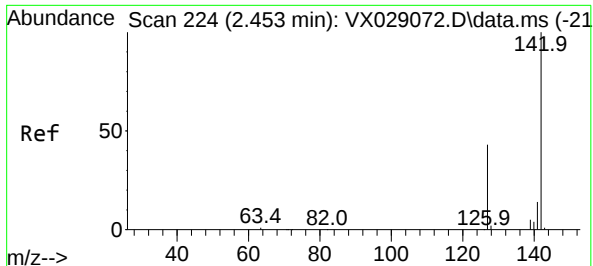
Tgt Ion: 94 Resp: 724
Ion Ratio Lower Upper
94 100
96 88.0 75.3 112.9



#6
Chloroethane
Concen: 1.600 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.025 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

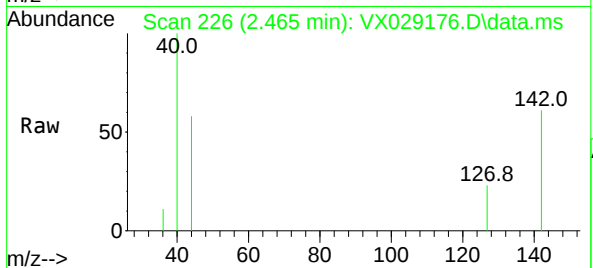
Tgt Ion: 64 Resp: 557
Ion Ratio Lower Upper
64 100
66 17.8 25.3 37.9#



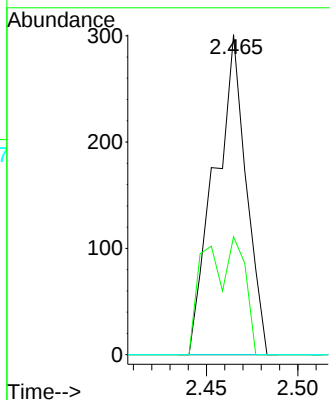
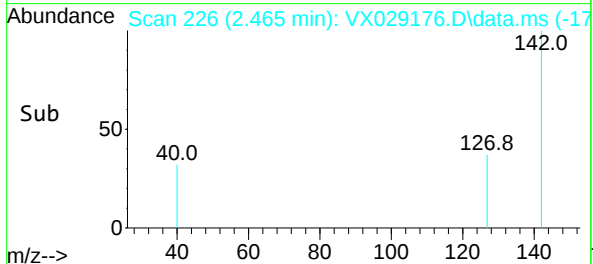


#10
Methyl Iodide
Concen: 4.319 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

Instrument :
MSVOA_X
ClientSampleId :
39BR-20220531

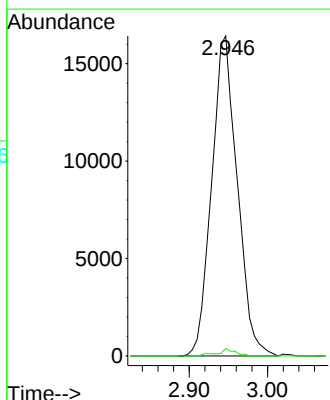
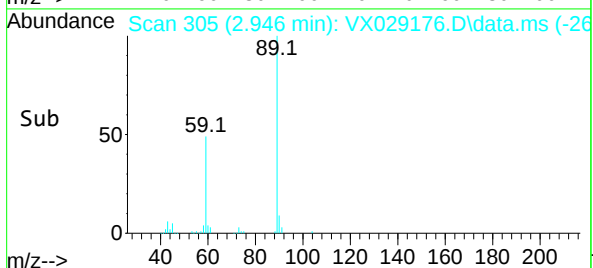
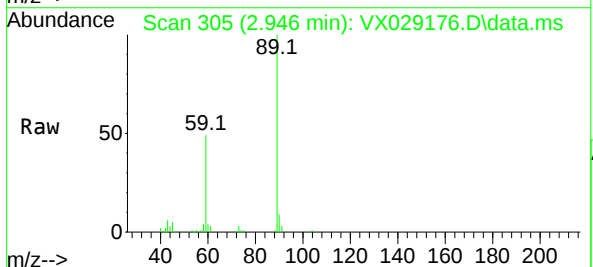


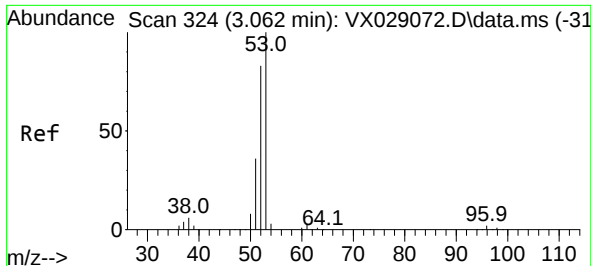
Tgt Ion:142 Resp: 359
Ion Ratio Lower Upper
142 100
127 46.2 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 45.140 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

Tgt Ion: 59 Resp: 37301
Ion Ratio Lower Upper
59 100
57 1.6 8.3 12.5#

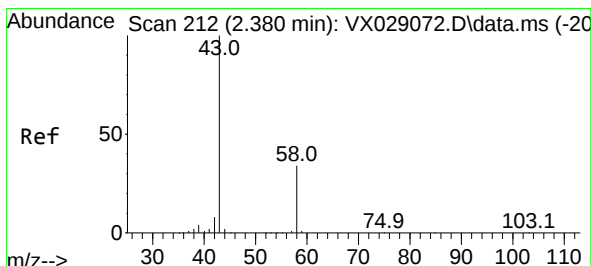
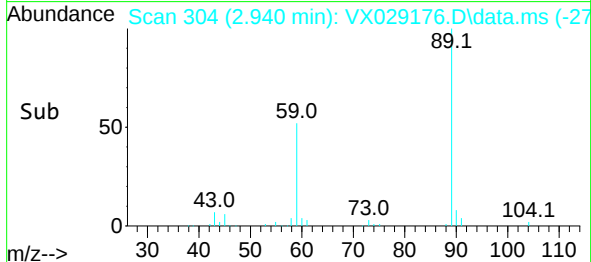
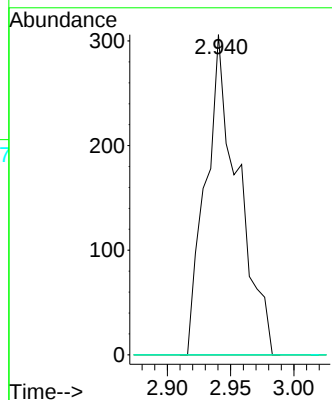
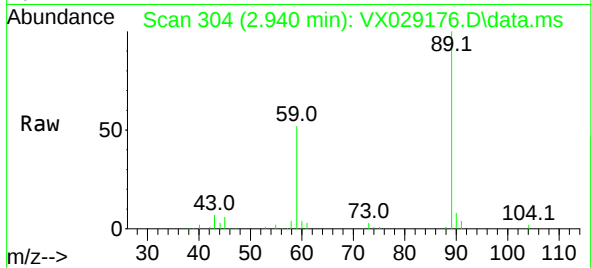




#15
Acrylonitrile
Concen: 0.320 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.122 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

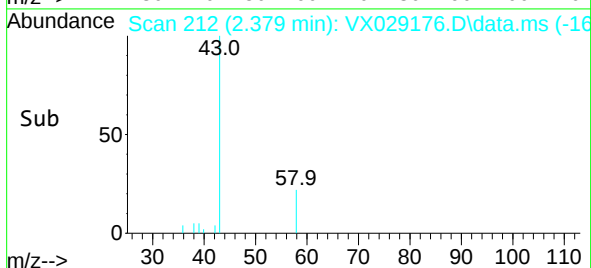
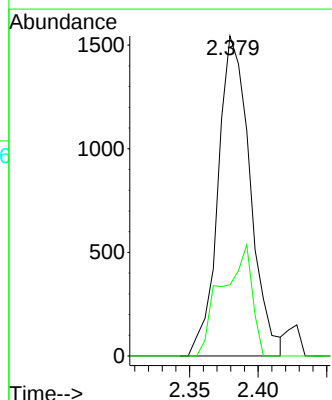
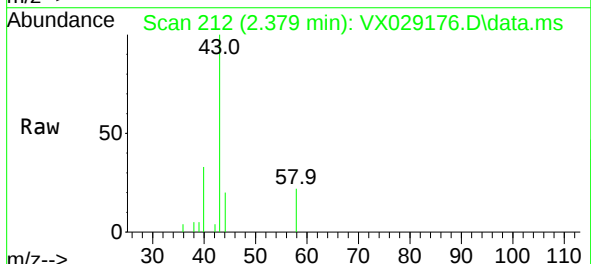
Instrument :
MSVOA_X
ClientSampleId :
39BR-20220531

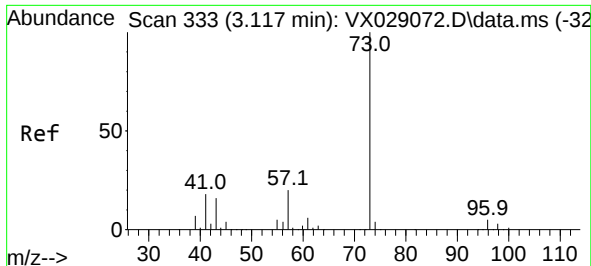
Tgt Ion: 53 Resp: 545
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 0.0 28.4 42.6#



#16
Acetone
Concen: 1.788 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

Tgt Ion: 43 Resp: 2512
Ion Ratio Lower Upper
43 100
58 22.3 28.8 43.2#

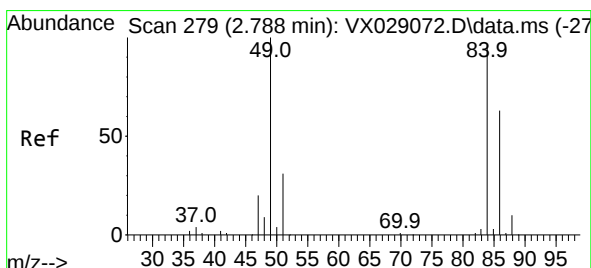
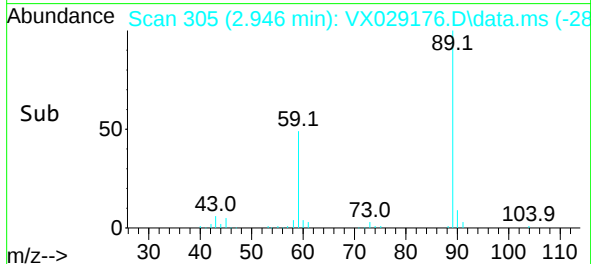
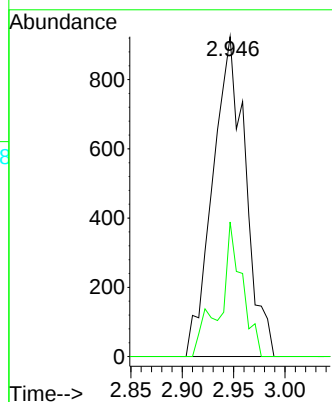
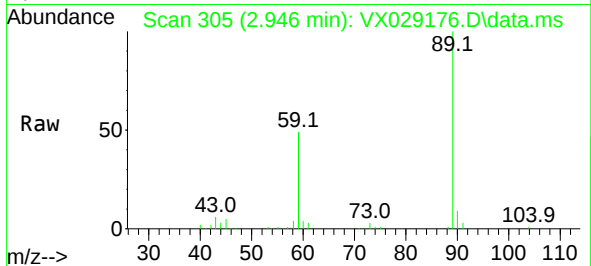




#19
Methyl tert-butyl Ether
Concen: 0.211 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.171 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

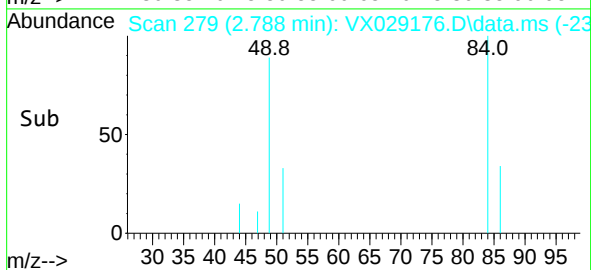
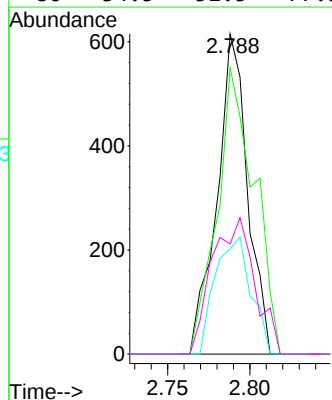
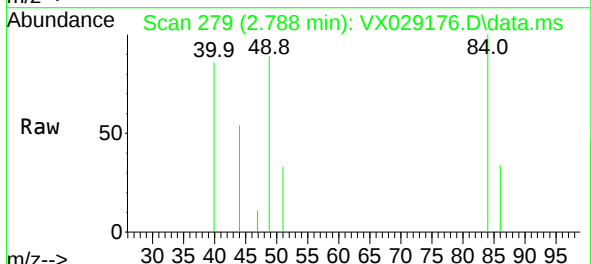
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39BR-20220531

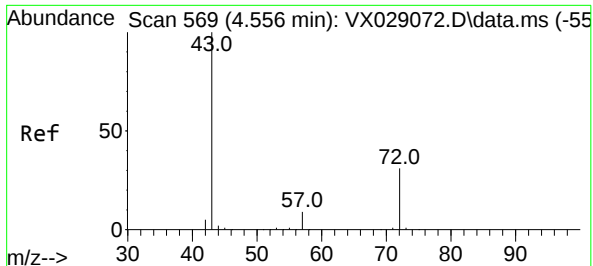
Tgt Ion: 73 Resp: 2041
Ion Ratio Lower Upper
73 100
57 42.1 16.8 25.2#



#20
Methylene Chloride
Concen: 0.242 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

Tgt Ion: 84 Resp: 794
Ion Ratio Lower Upper
84 100
49 89.4 85.5 128.3
51 32.8 26.6 39.8
86 34.5 51.5 77.3#





#25

2-Butanone

Concen: 0.495 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX029176.D

Acq: 03 Jun 2022 08:15

Instrument :

MSVOA_X

ClientSampleId :

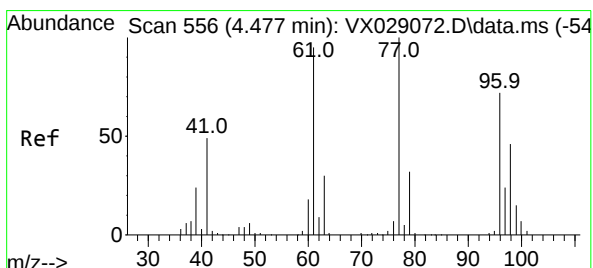
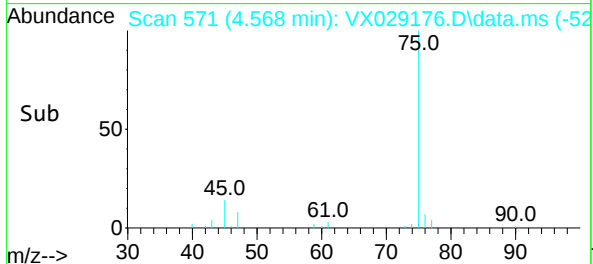
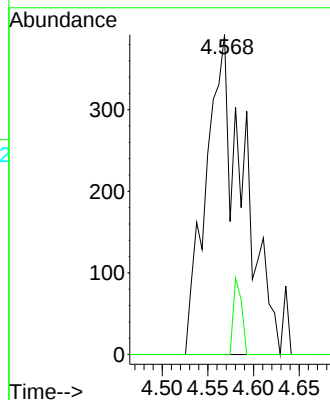
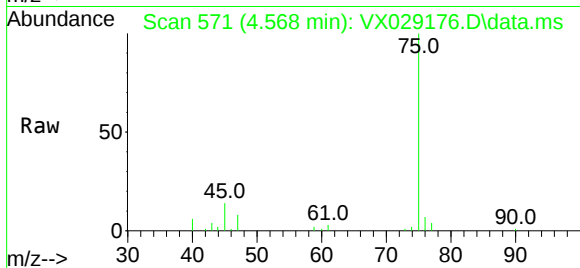
39BR-20220531

Tgt Ion: 43 Resp: 1121

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



#26

2,2-Dichloropropane

Concen: 0.322 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.079 min

Lab File: VX029176.D

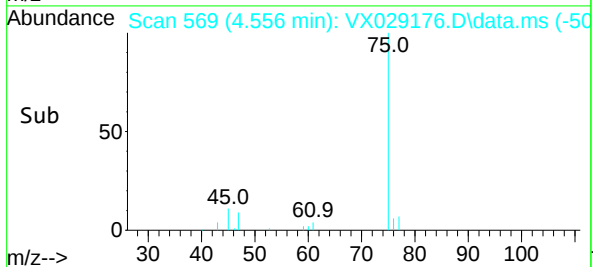
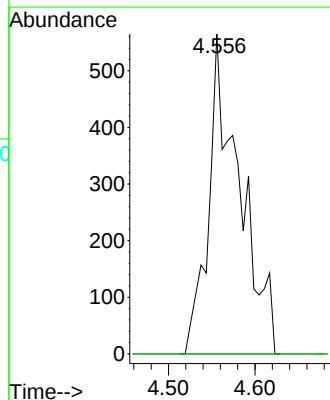
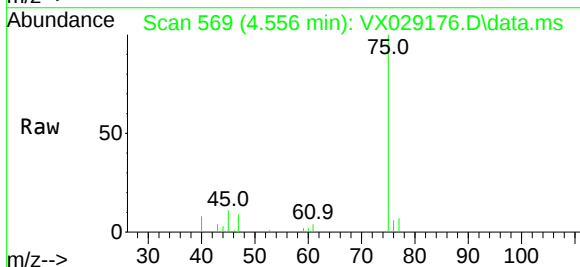
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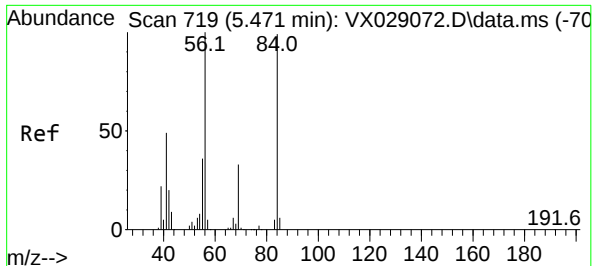
Tgt Ion: 77 Resp: 1398

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#

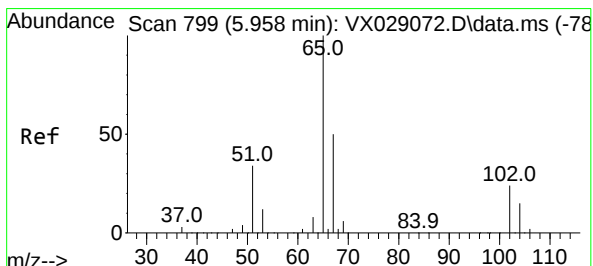
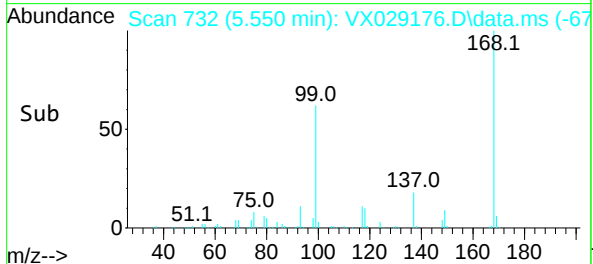
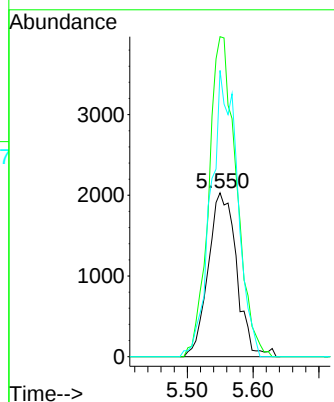
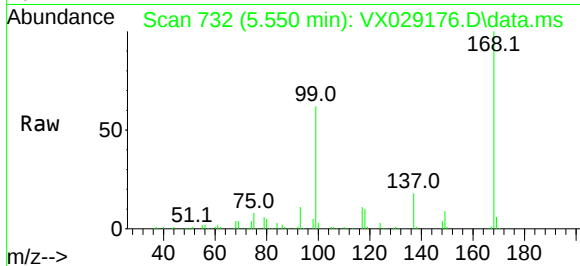




#31
Cyclohexane
Concen: 1.311 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

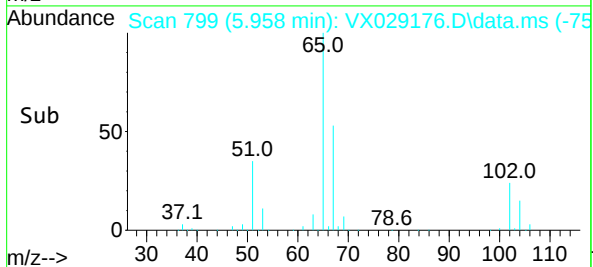
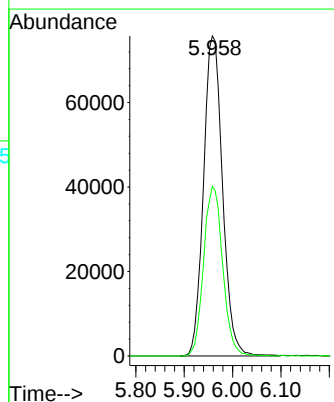
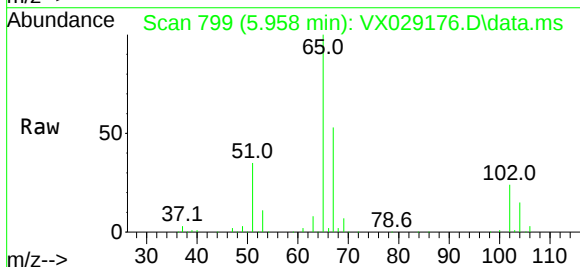
Instrument :
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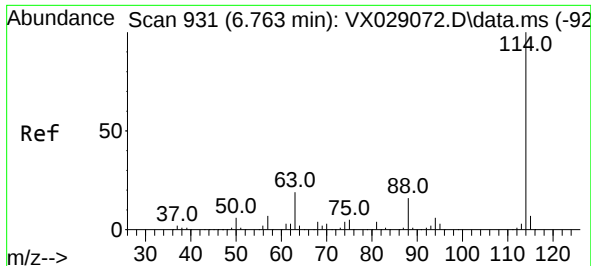
Tgt Ion: 56 Resp: 6080
Ion Ratio Lower Upper
56 100
69 195.3 26.7 40.1#
84 174.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 58.036 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

Tgt Ion: 65 Resp: 207020
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.4

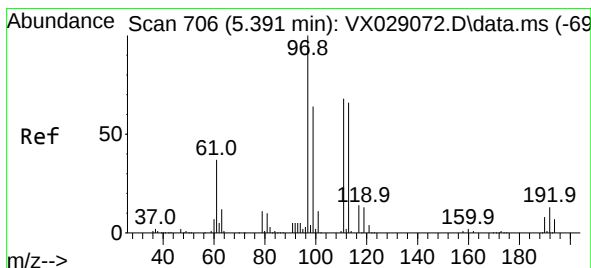
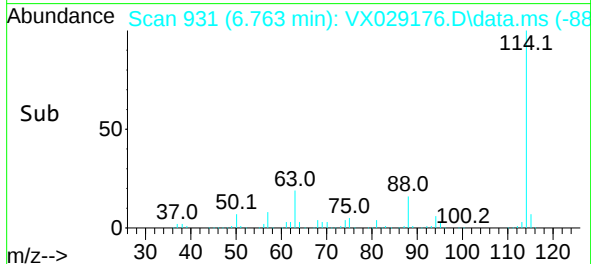
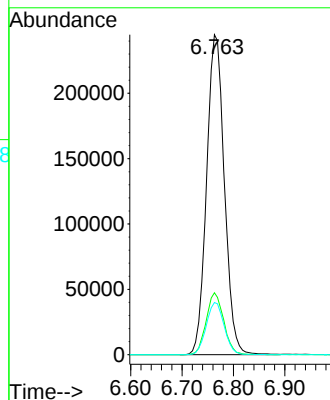
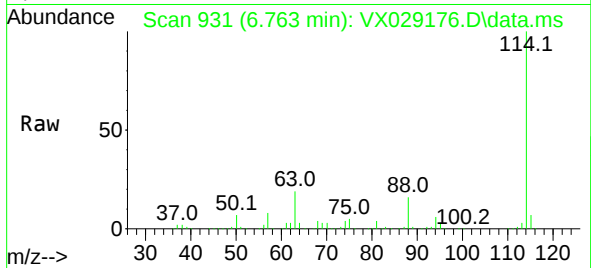




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

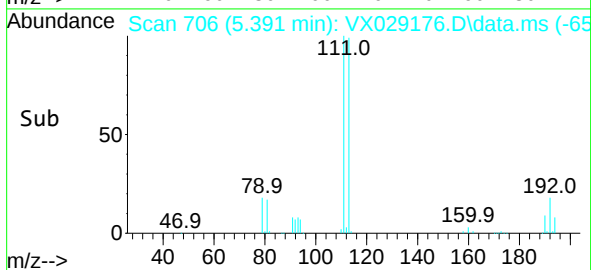
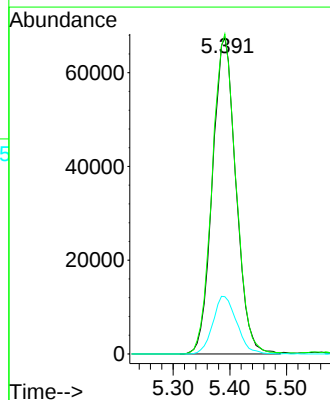
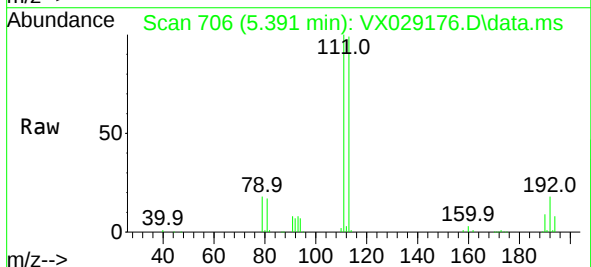
Instrument :
MSVOA_X
ClientSampleId :
39BR-20220531

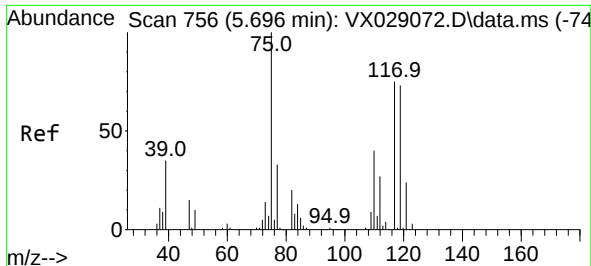
Tgt Ion:114 Resp: 588520
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.691 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

Tgt Ion:113 Resp: 194248
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 18.5 16.9 25.3

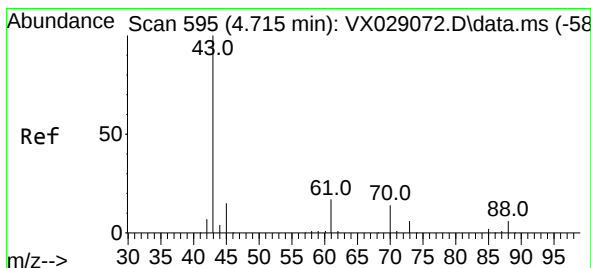
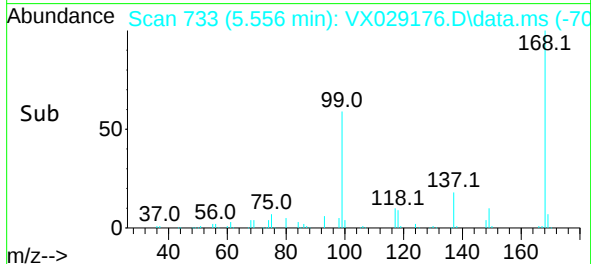
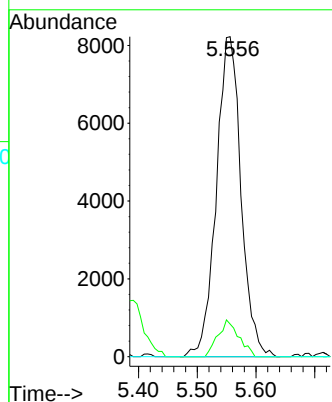
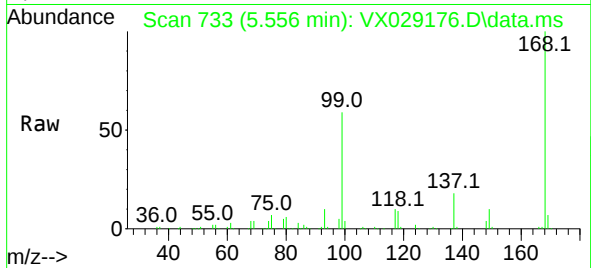




#36
1,1-Dichloropropene
Concen: 4.767 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

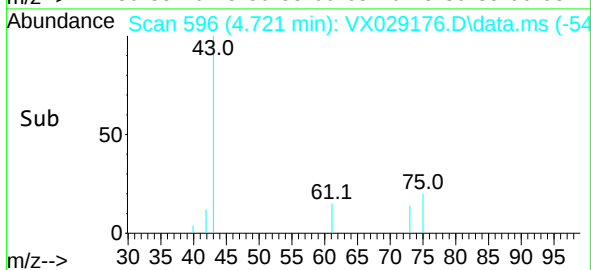
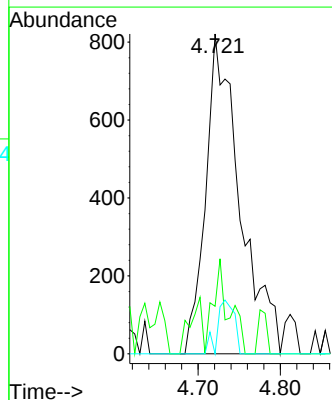
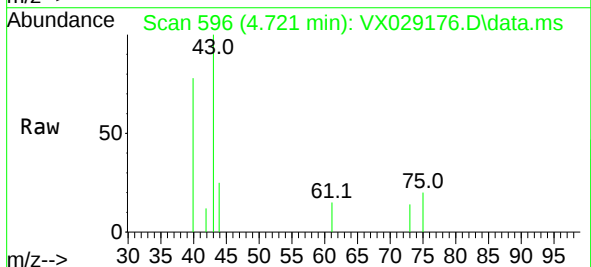
Instrument :
MSVOA_X
ClientSampleId :
39BR-20220531

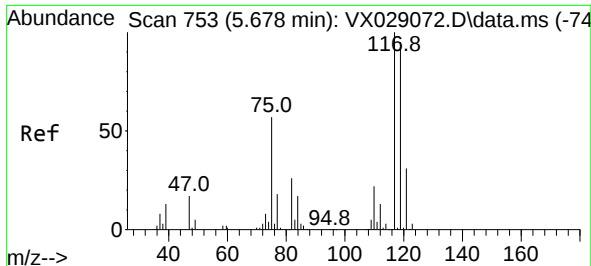
Tgt Ion: 75 Resp: 23975
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 0.486 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

Tgt Ion: 43 Resp: 2371
Ion Ratio Lower Upper
43 100
61 13.8 12.6 19.0
70 8.3 10.2 15.2#

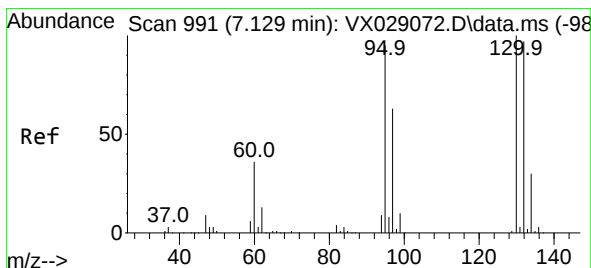
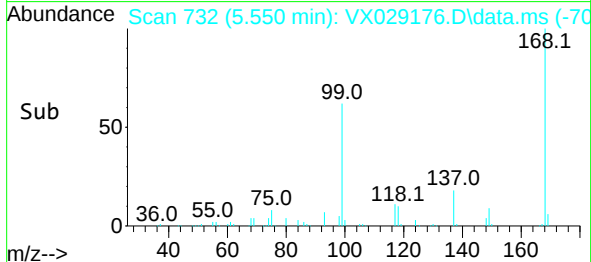
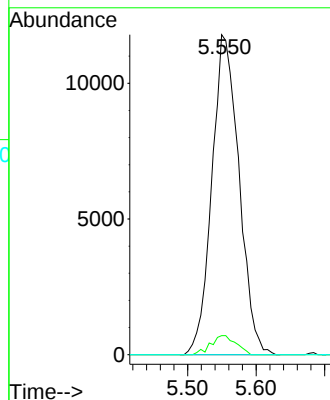
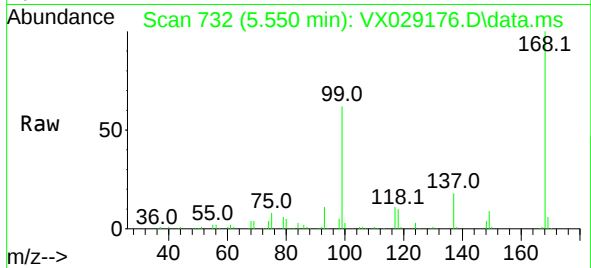




#38
Carbon Tetrachloride
Concen: 5.637 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

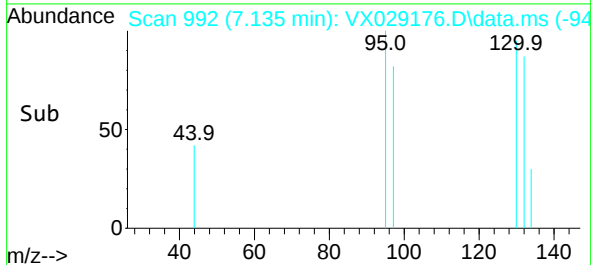
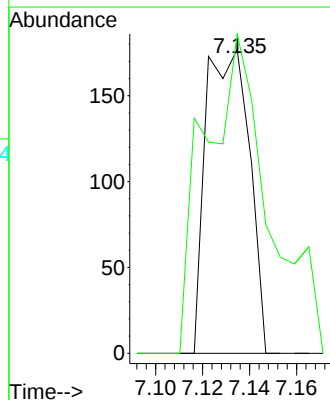
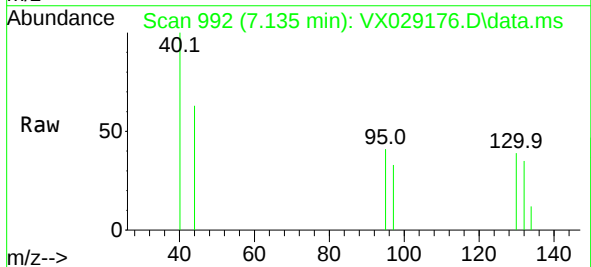
Instrument :
MSVOA_X
ClientSampleId :
39BR-20220531

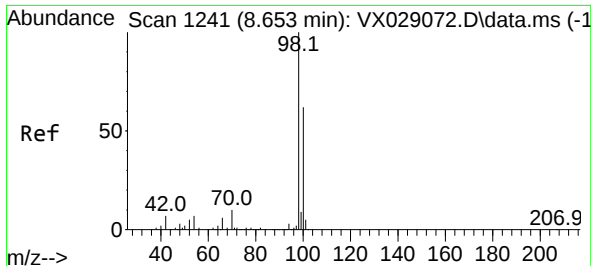
Tgt Ion:117 Resp: 32401
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

Tgt Ion:130 Resp: 227
Ion Ratio Lower Upper
130 100
95 105.1 0.0 188.8

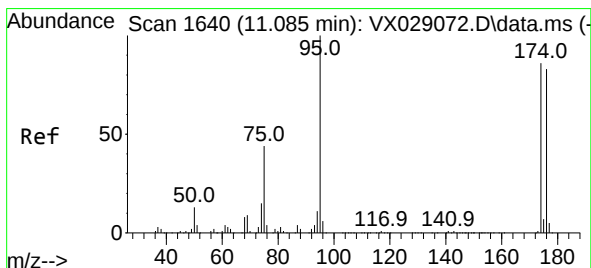
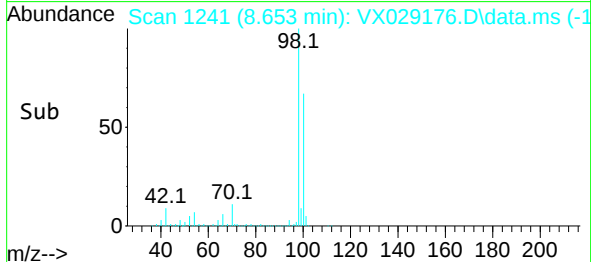
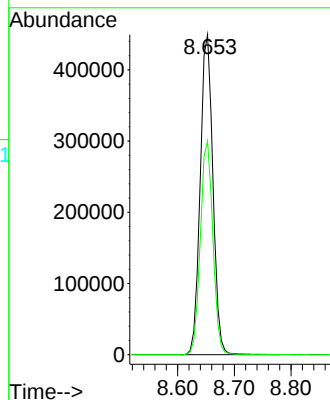
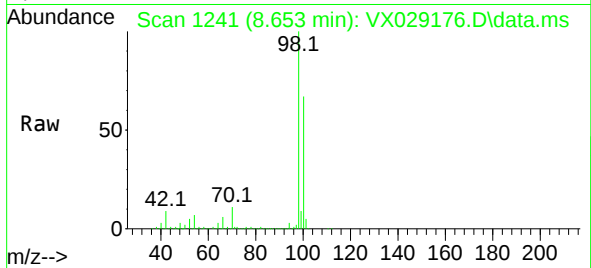




#50
Toluene-d8
Concen: 48.686 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

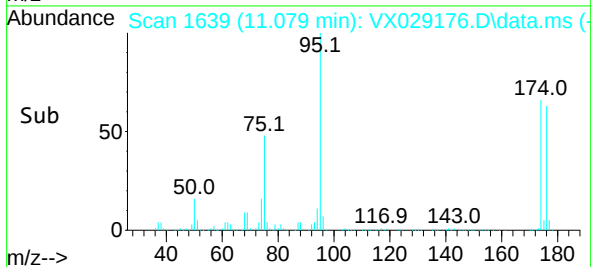
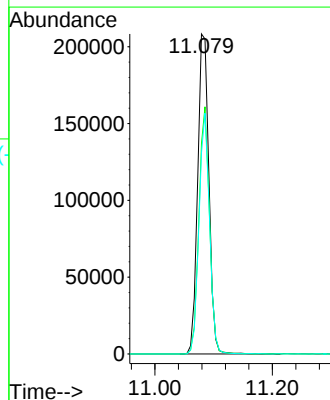
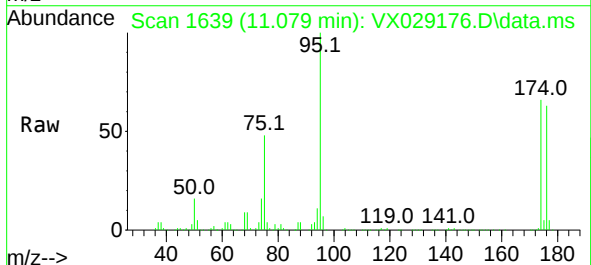
Instrument :
MSVOA_X
ClientSampleId :
39BR-20220531

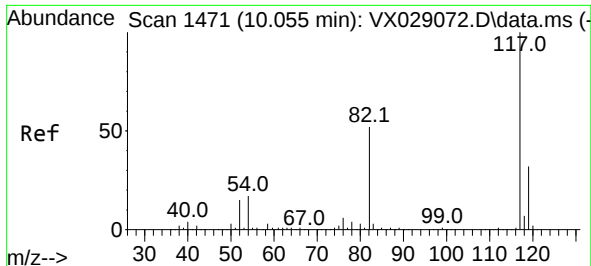
Tgt Ion: 98 Resp: 696064
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.963 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

Tgt Ion: 95 Resp: 276124
Ion Ratio Lower Upper
95 100
174 72.9 0.0 163.0
176 70.6 0.0 155.0

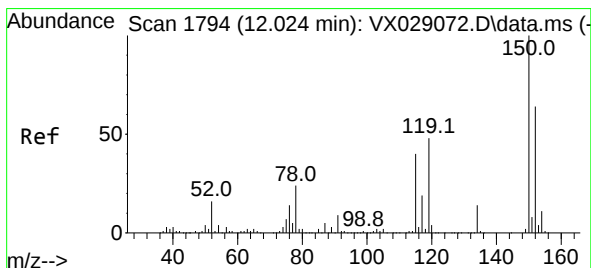
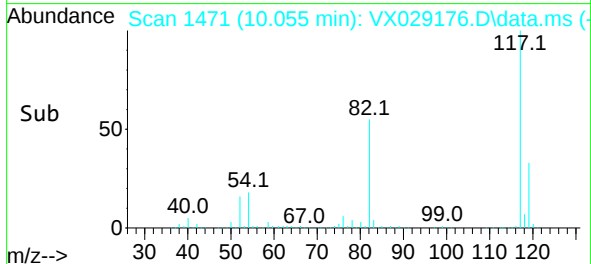
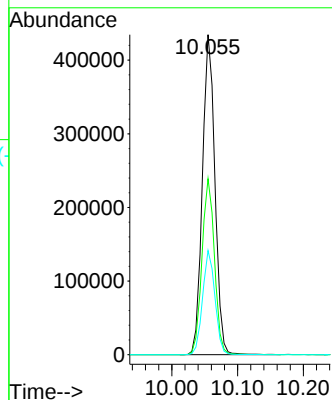
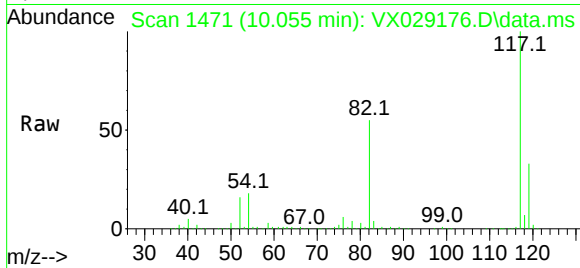




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

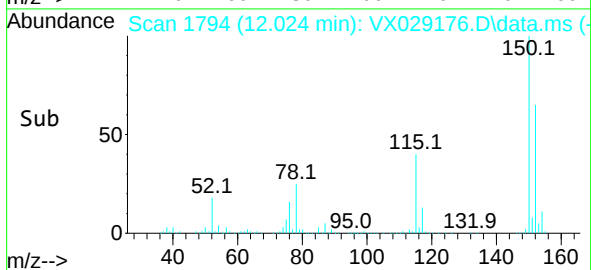
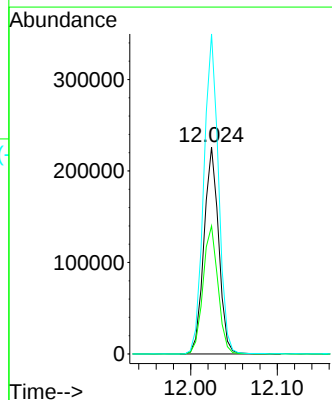
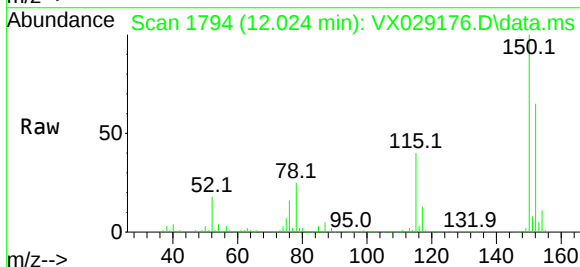
Instrument :
MSVOA_X
ClientSampleId :
39BR-20220531

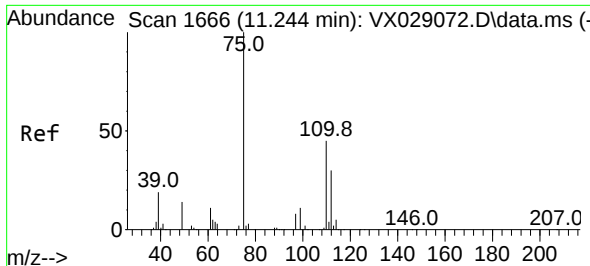
Tgt Ion:117 Resp: 575137
Ion Ratio Lower Upper
117 100
82 55.0 41.8 62.8
119 32.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

Tgt Ion:152 Resp: 266278
Ion Ratio Lower Upper
152 100
115 62.8 37.5 112.7
150 154.9 0.0 338.2

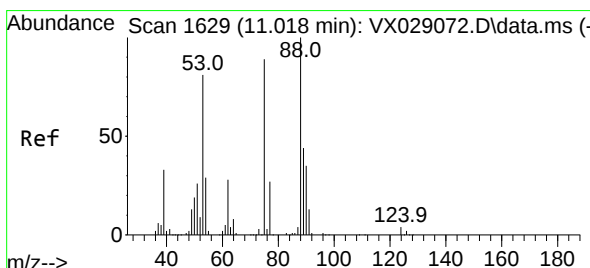
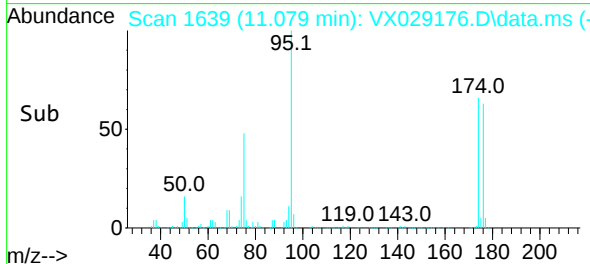
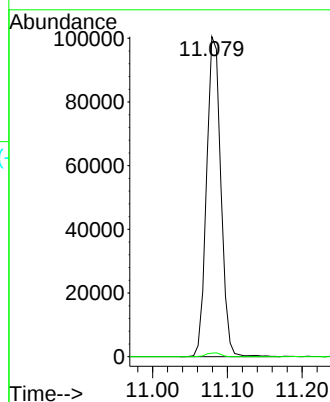
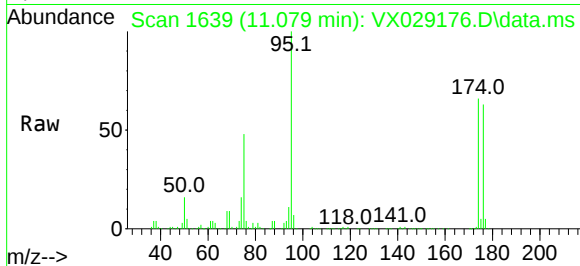




#76
1,2,3-Trichloropropane
Concen: 24.716 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

Instrument :
MSVOA_X
ClientSampleId :
39BR-20220531

Tgt Ion: 75 Resp: 133414
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.512 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029176.D
Acq: 03 Jun 2022 08:15

Tgt Ion: 75 Resp: 133414
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

