

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029103.D
 Acq On : 01 Jun 2022 02:40
 Operator : JC/MD
 Sample : N3022-15 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20220525

Quant Time: Jun 01 05:05:09 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)

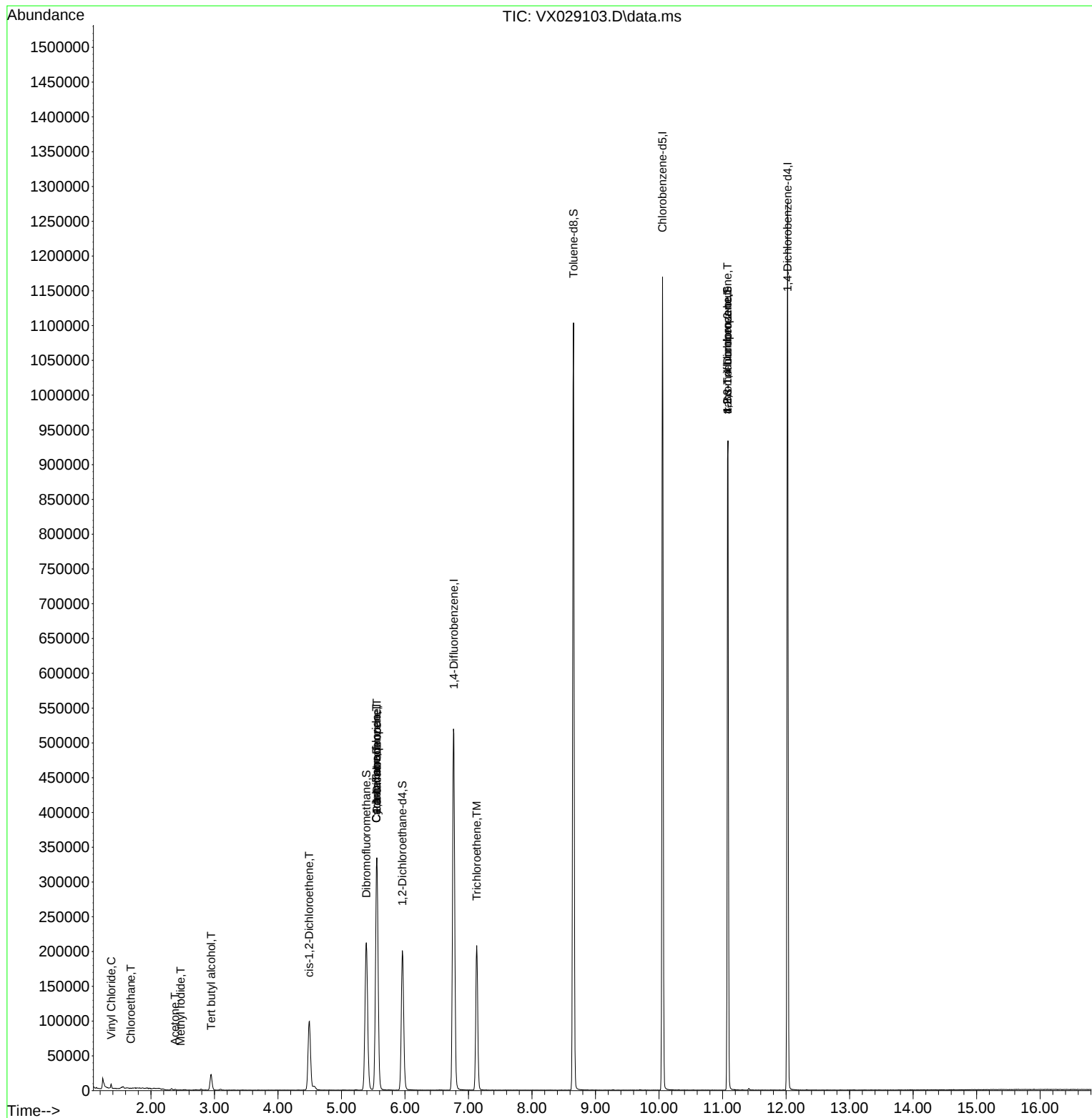
Internal Standards						
1) Pentafluorobenzene	5.556	168	336735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	577319	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	564282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	272549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	193980	51.085	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.180%	
35) Dibromofluoromethane	5.391	113	192510	50.202	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.400%	
50) Toluene-d8	8.653	98	676749	48.253	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.500%	
62) 4-Bromofluorobenzene	11.079	95	264001	48.696	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.400%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	3821	1.134	ug/l #	87
5) Bromomethane	1.611	94	641	Below Cal	#	54
6) Chloroethane	1.685	64	1242	1.813	ug/l #	43
10) Methyl Iodide	2.465	142	241	4.285	ug/l #	41
11) Tert butyl alcohol	2.946	59	12780	14.529	ug/l #	75
16) Acetone	2.380	43	1198	0.801	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	70142	17.178	ug/l	84
31) Cyclohexane	5.550	56	5207	1.055	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23037	4.669	ug/l #	49
38) Carbon Tetrachloride	5.550	117	32611	5.783	ug/l #	16
44) Trichloroethene	7.129	130	87976	19.884	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	123233	22.304	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	123233	65.437	ug/l #	15

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

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Quant Time: Jun 01 05:05:09 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

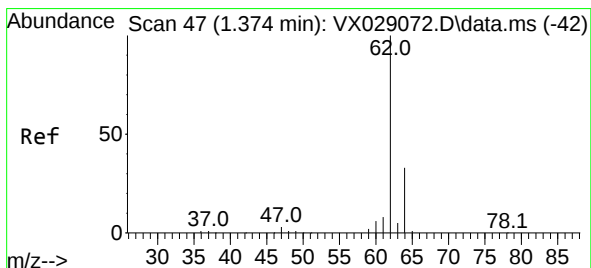
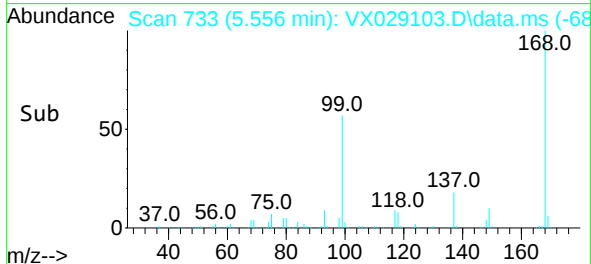
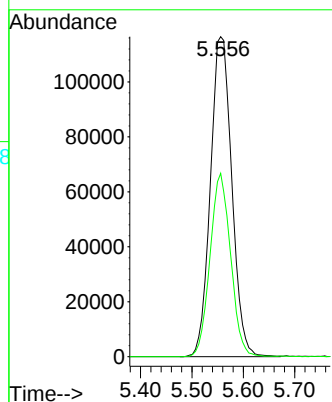
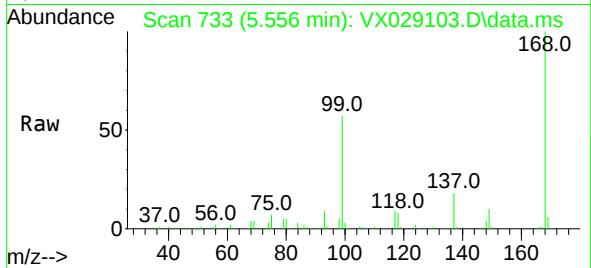




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029103.D
Acq: 01 Jun 2022 02:40

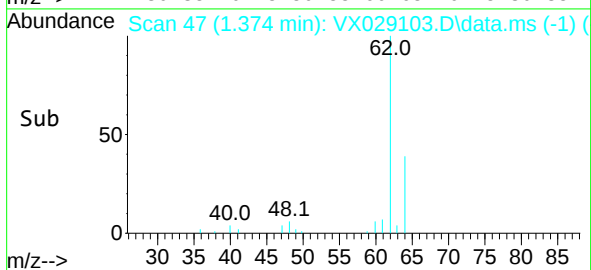
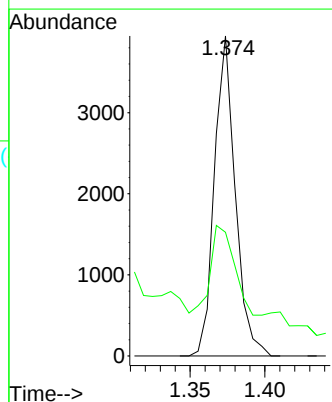
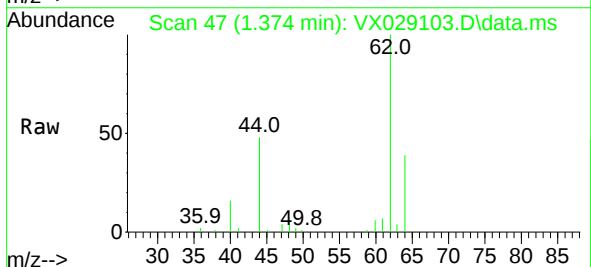
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220525

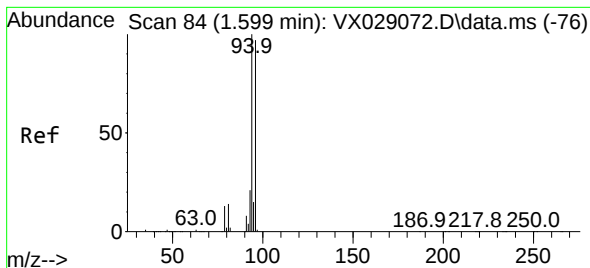
Tgt Ion:168 Resp: 336735
Ion Ratio Lower Upper
168 100
99 57.3 41.7 62.5



#4
Vinyl Chloride
Concen: 1.134 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX029103.D
Acq: 01 Jun 2022 02:40

Tgt Ion: 62 Resp: 3821
Ion Ratio Lower Upper
62 100
64 24.9 25.5 38.3#





#5

Bromomethane

Concen: Below Cal

RT: 1.611 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX029103.D

Acq: 01 Jun 2022 02:40

Instrument :

MSVOA_X

ClientSampleId :

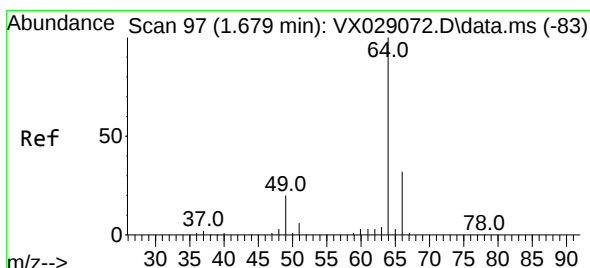
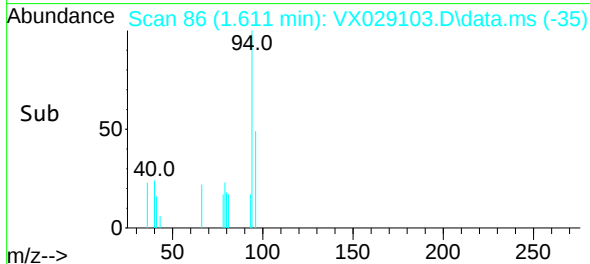
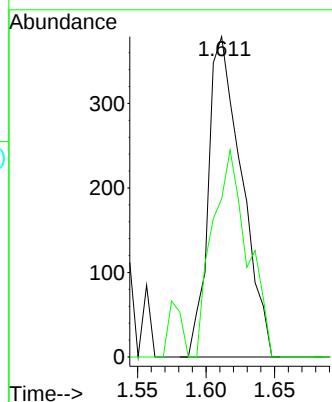
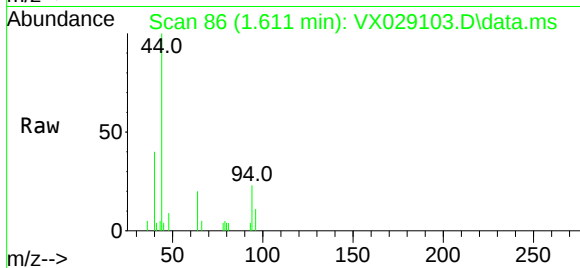
DUP03-20220525

Tgt Ion: 94 Resp: 641

Ion Ratio Lower Upper

94 100

96 49.3 75.3 112.9#



#6

Chloroethane

Concen: 1.813 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.006 min

Lab File: VX029103.D

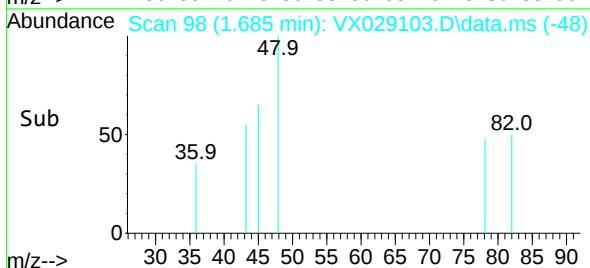
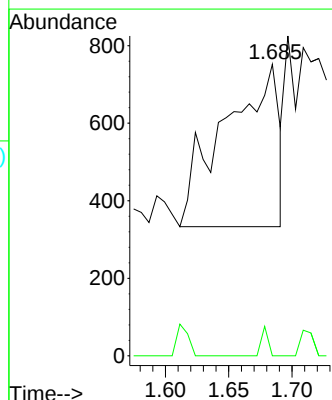
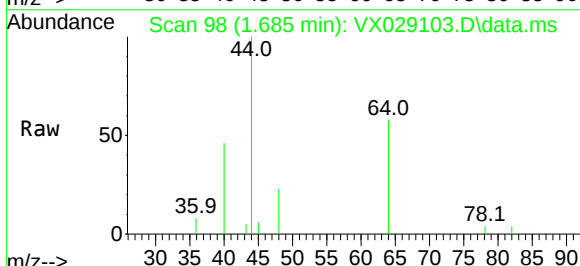
Acq: 01 Jun 2022 02:40

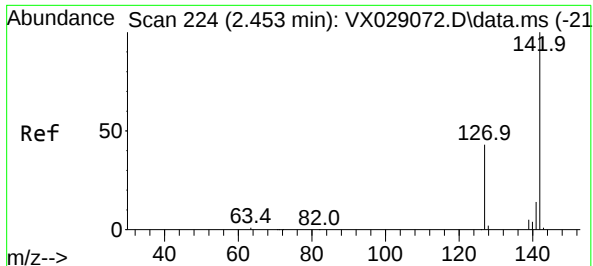
Tgt Ion: 64 Resp: 1242

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#

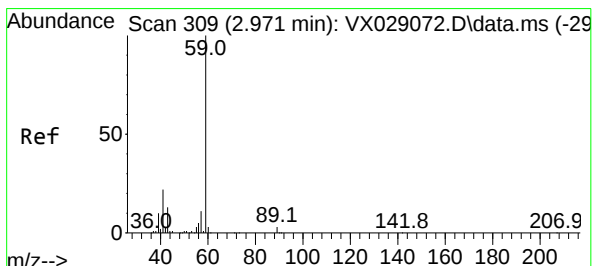
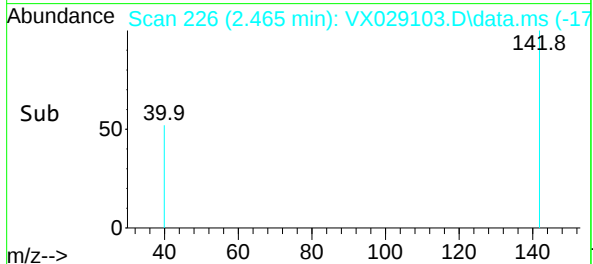
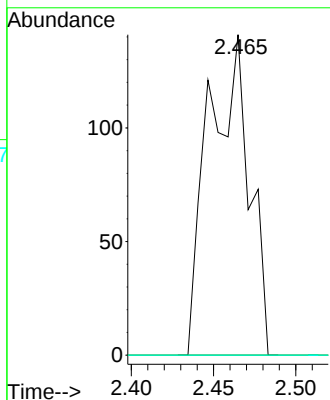
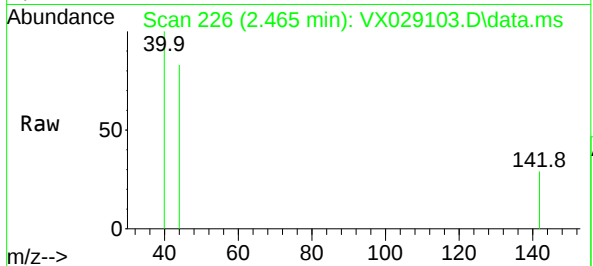




#10
Methyl Iodide
Concen: 4.285 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029103.D
Acq: 01 Jun 2022 02:40

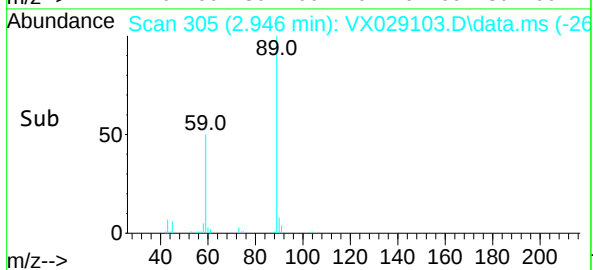
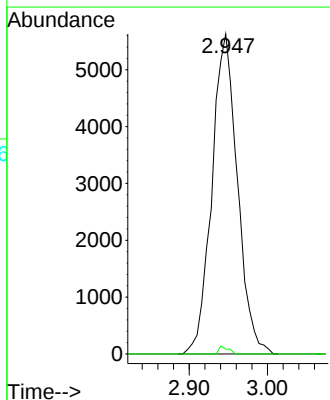
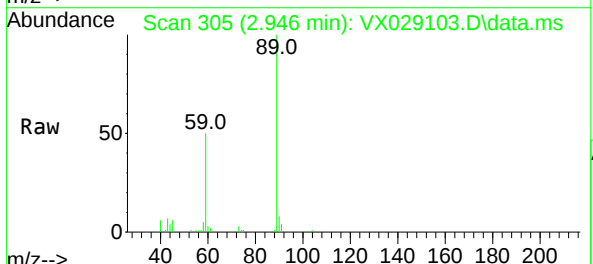
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220525

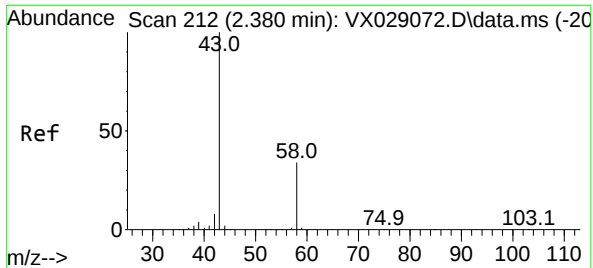
Tgt Ion:142 Resp: 241
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 14.529 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX029103.D
Acq: 01 Jun 2022 02:40

Tgt Ion: 59 Resp: 12780
Ion Ratio Lower Upper
59 100
57 0.9 8.3 12.5#

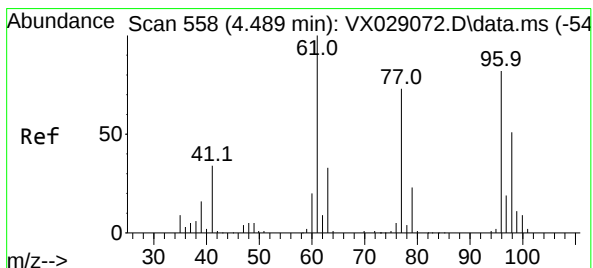
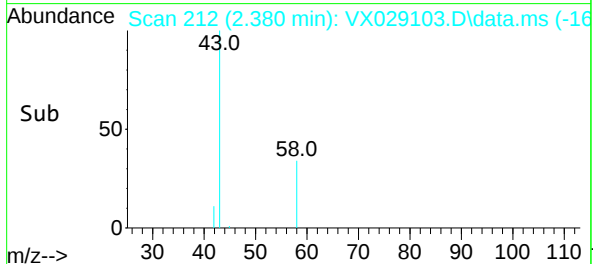
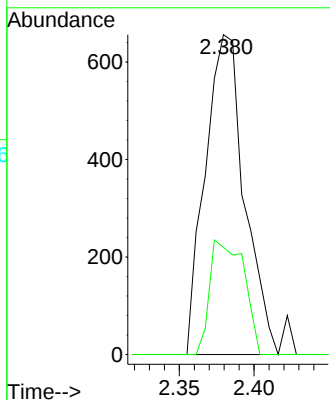
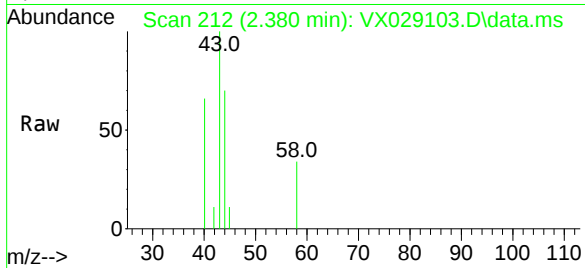




#16
Acetone
Concen: 0.801 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029103.D
Acq: 01 Jun 2022 02:40

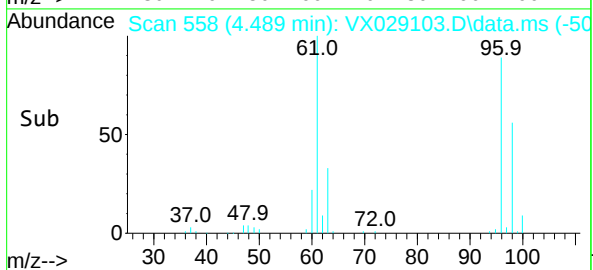
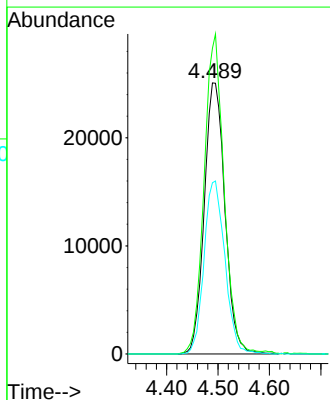
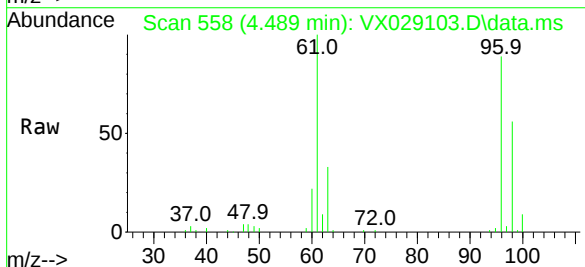
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220525

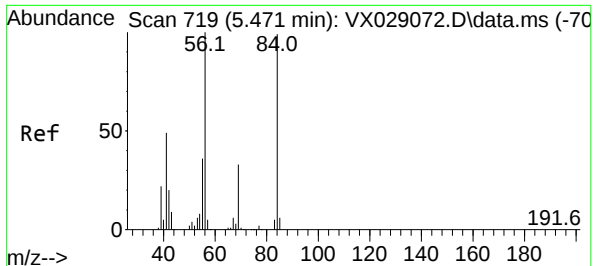
Tgt Ion: 43 Resp: 1198
Ion Ratio Lower Upper
43 100
58 33.5 28.8 43.2



#27
cis-1,2-Dichloroethene
Concen: 17.178 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX029103.D
Acq: 01 Jun 2022 02:40

Tgt Ion: 96 Resp: 70142
Ion Ratio Lower Upper
96 100
61 113.3 0.0 283.8
98 64.3 0.0 129.8

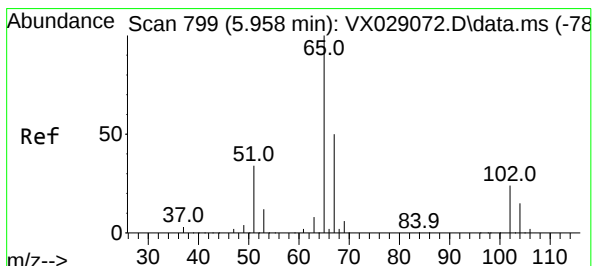
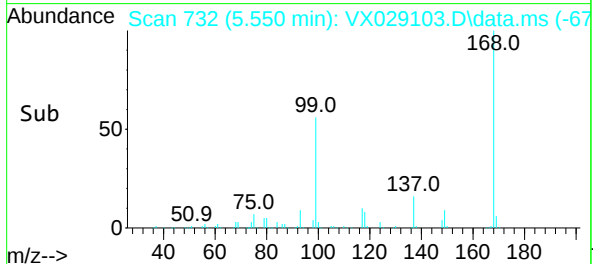
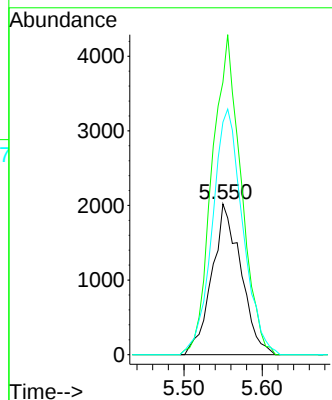
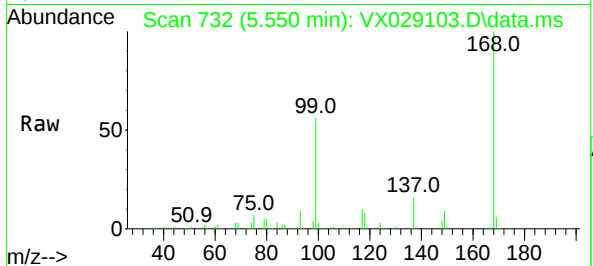




#31
Cyclohexane
Concen: 1.055 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029103.D
Acq: 01 Jun 2022 02:40

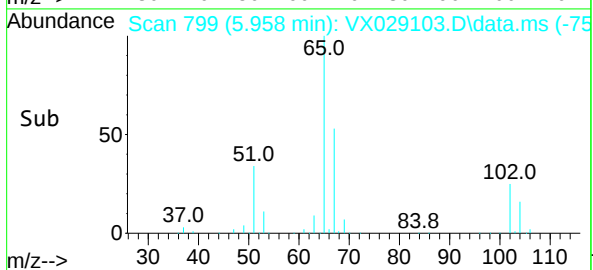
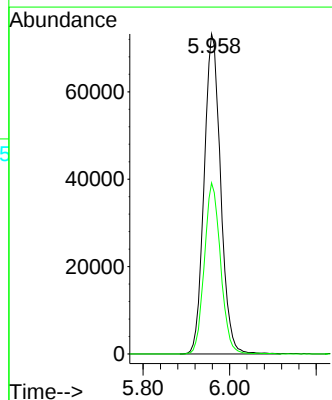
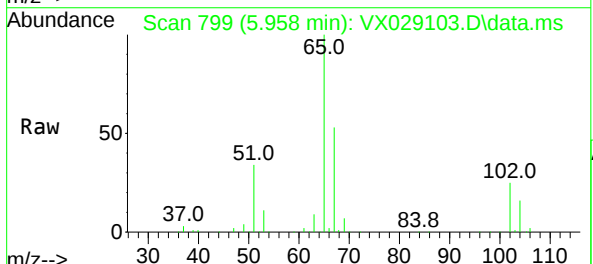
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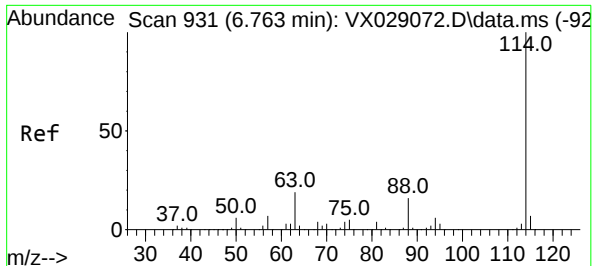
Tgt Ion: 56 Resp: 5207
Ion Ratio Lower Upper
56 100
69 180.8 26.7 40.1#
84 154.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 51.085 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029103.D
Acq: 01 Jun 2022 02:40

Tgt Ion: 65 Resp: 193980
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.4

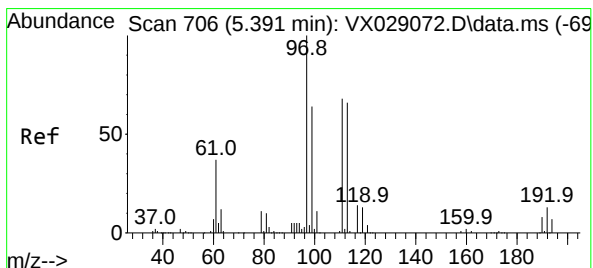
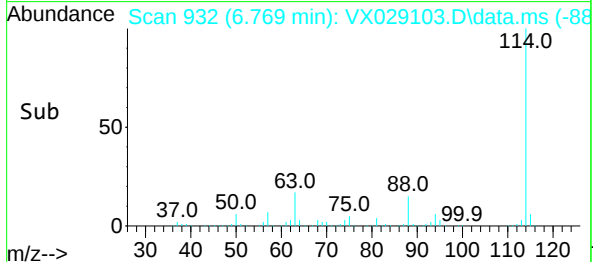
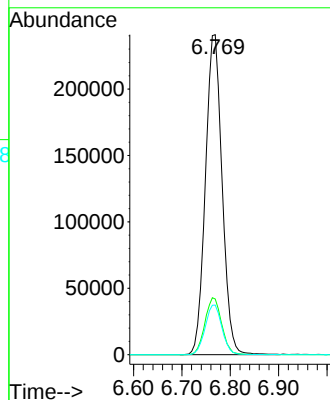
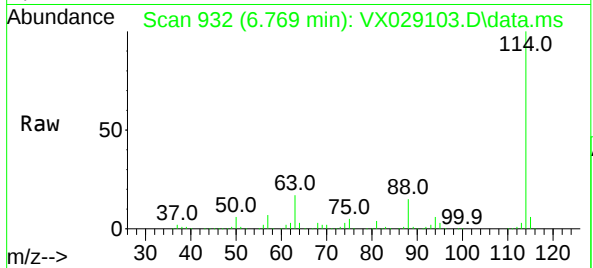




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029103.D
Acq: 01 Jun 2022 02:40

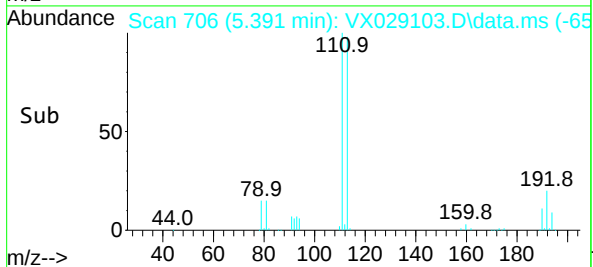
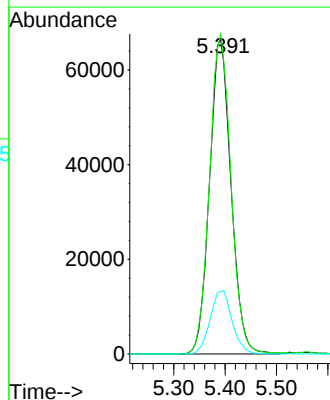
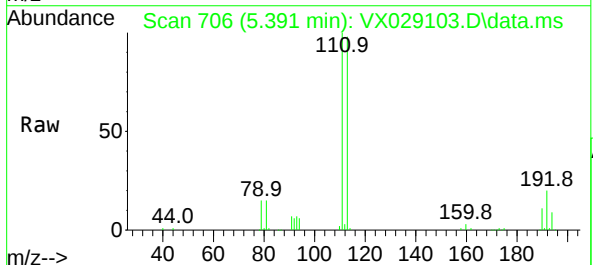
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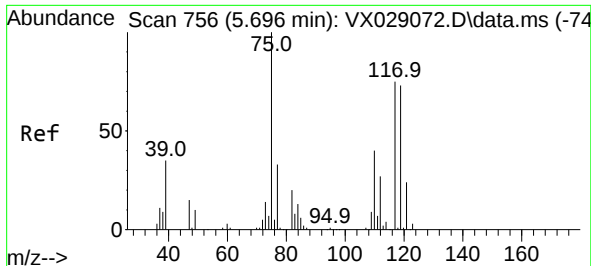
Tgt Ion:114 Resp: 577319
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.8
88 15.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.202 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029103.D
Acq: 01 Jun 2022 02:40

Tgt Ion:113 Resp: 192510
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 20.6 16.9 25.3

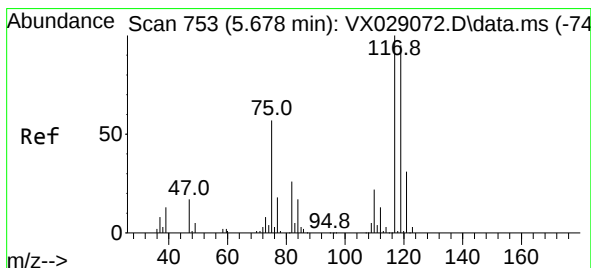
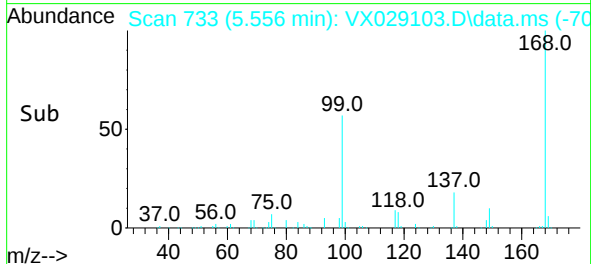
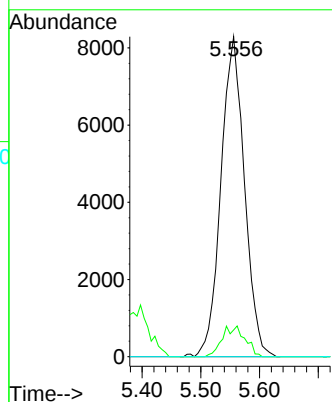
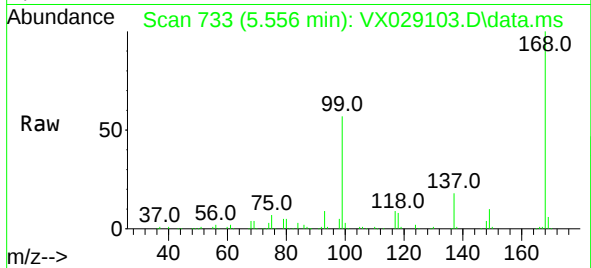




#36
1,1-Dichloropropene
Concen: 4.669 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX029103.D
Acq: 01 Jun 2022 02:40

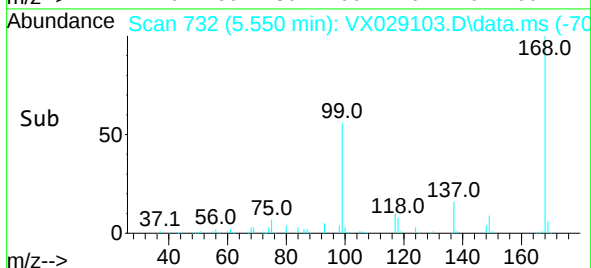
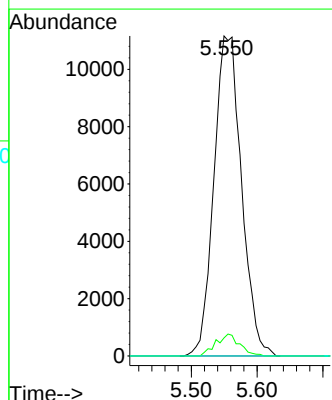
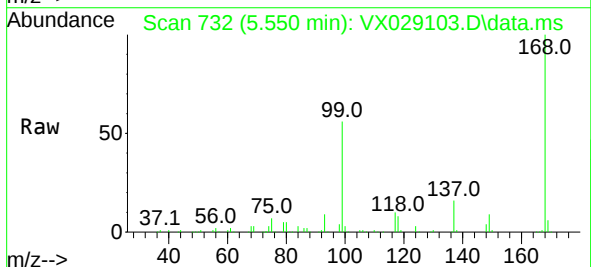
Instrument :
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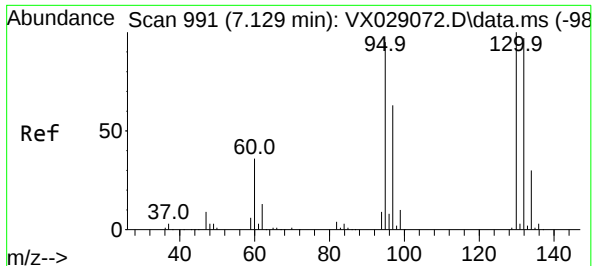
Tgt Ion: 75 Resp: 23037
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.783 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX029103.D
Acq: 01 Jun 2022 02:40

Tgt Ion: 117 Resp: 32611
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.2 36.2#

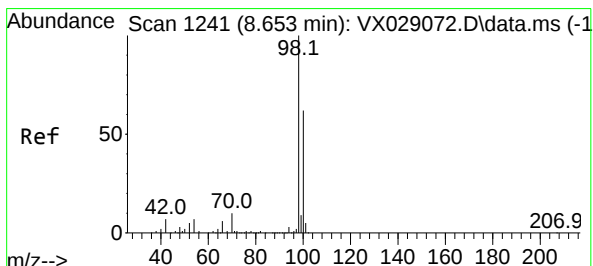
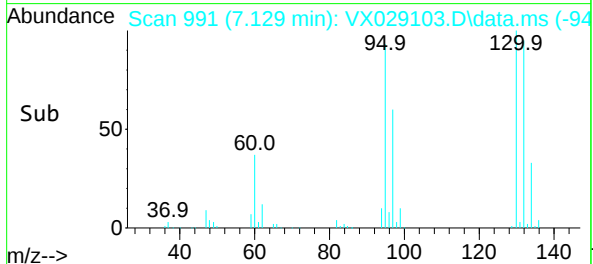
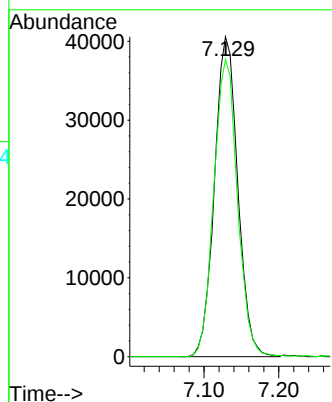
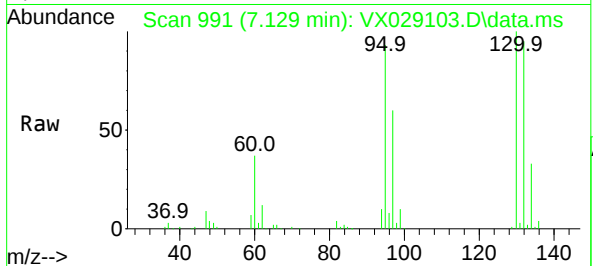




#44
Trichloroethene
Concen: 19.884 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029103.D
Acq: 01 Jun 2022 02:40

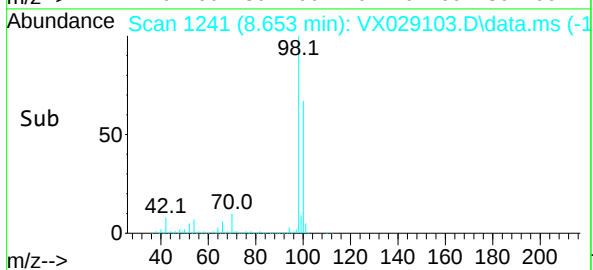
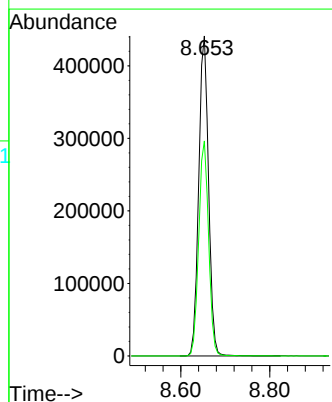
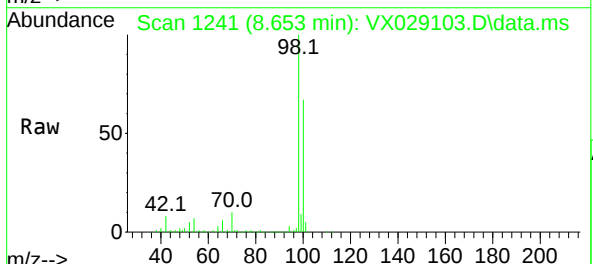
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220525

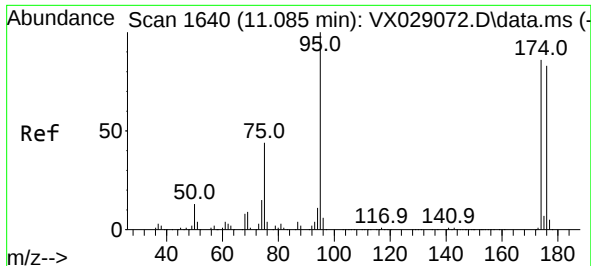
Tgt Ion:130 Resp: 87976
Ion Ratio Lower Upper
130 100
95 92.9 0.0 188.8



#50
Toluene-d8
Concen: 48.253 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029103.D
Acq: 01 Jun 2022 02:40

Tgt Ion: 98 Resp: 676749
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8

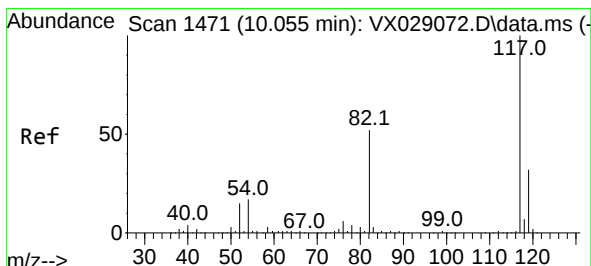
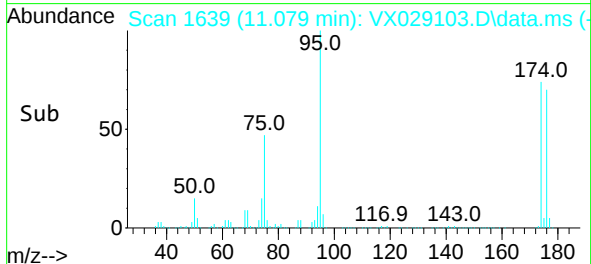
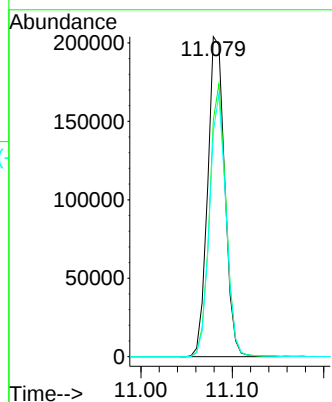
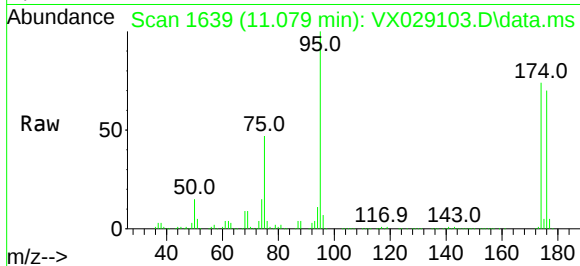




#62
4-Bromofluorobenzene
Concen: 48.696 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029103.D
Acq: 01 Jun 2022 02:40

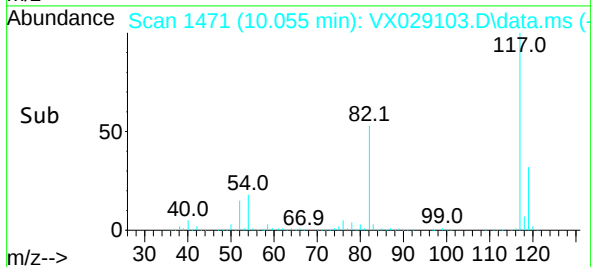
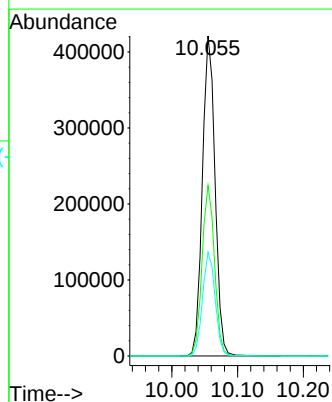
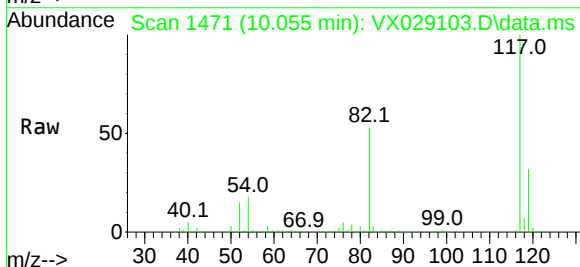
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220525

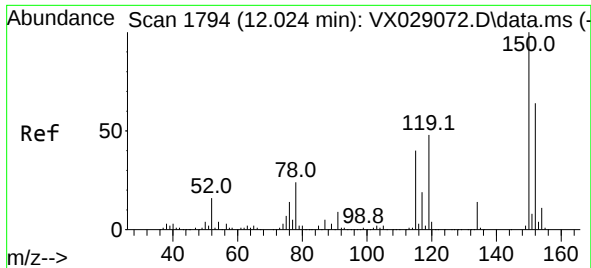
Tgt Ion: 95 Resp: 264001
Ion Ratio Lower Upper
95 100
174 82.1 0.0 163.0
176 79.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029103.D
Acq: 01 Jun 2022 02:40

Tgt Ion: 117 Resp: 564282
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.8
119 32.4 24.8 37.2

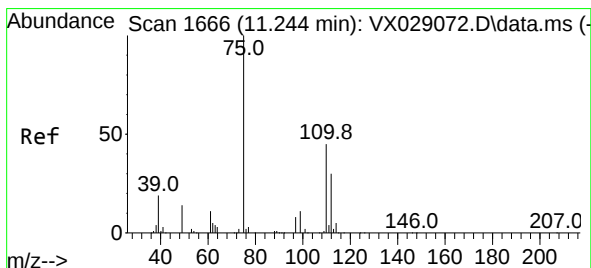
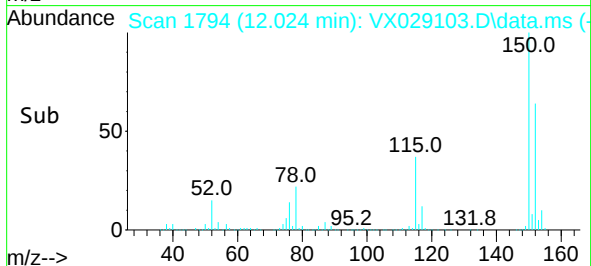
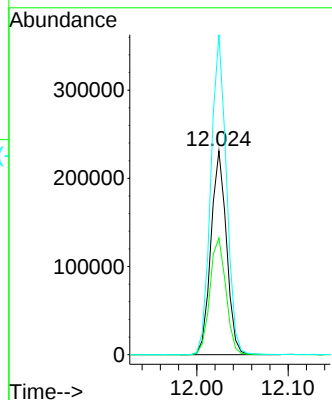
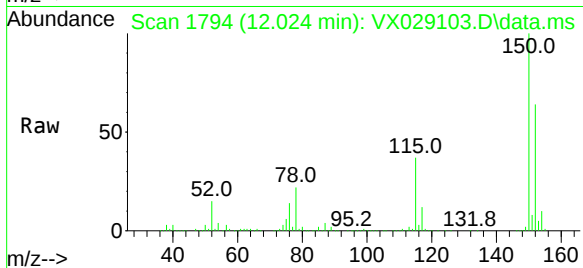




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029103.D
Acq: 01 Jun 2022 02:40

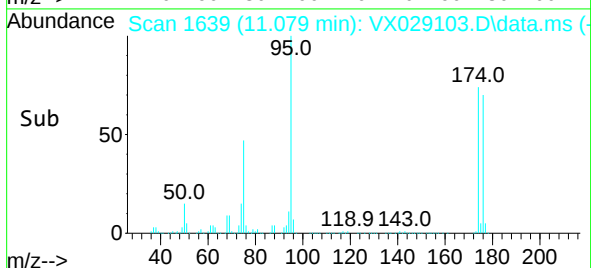
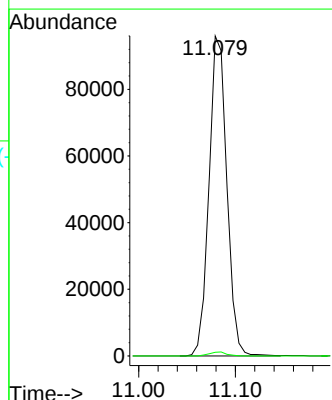
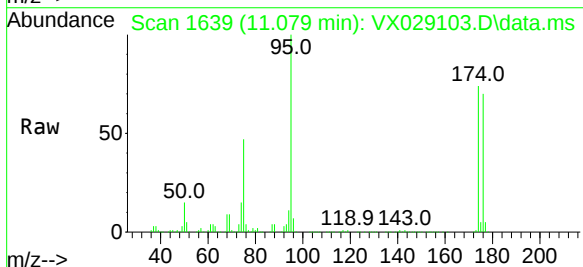
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20220525

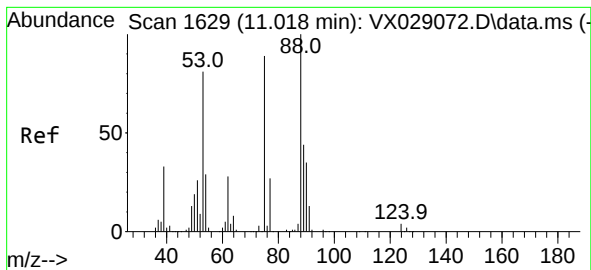
Tgt Ion:152 Resp: 272549
Ion Ratio Lower Upper
152 100
115 59.0 37.5 112.7
150 157.2 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.304 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029103.D
Acq: 01 Jun 2022 02:40

Tgt Ion: 75 Resp: 123233
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.437 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029103.D
 Acq: 01 Jun 2022 02:40

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20220525

Tgt Ion: 75 Resp: 123233
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

