

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060222\
 Data File : VX029172.D
 Acq On : 03 Jun 2022 06:41
 Operator : JC/MD
 Sample : N3164-12 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 03 09:43:04 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)

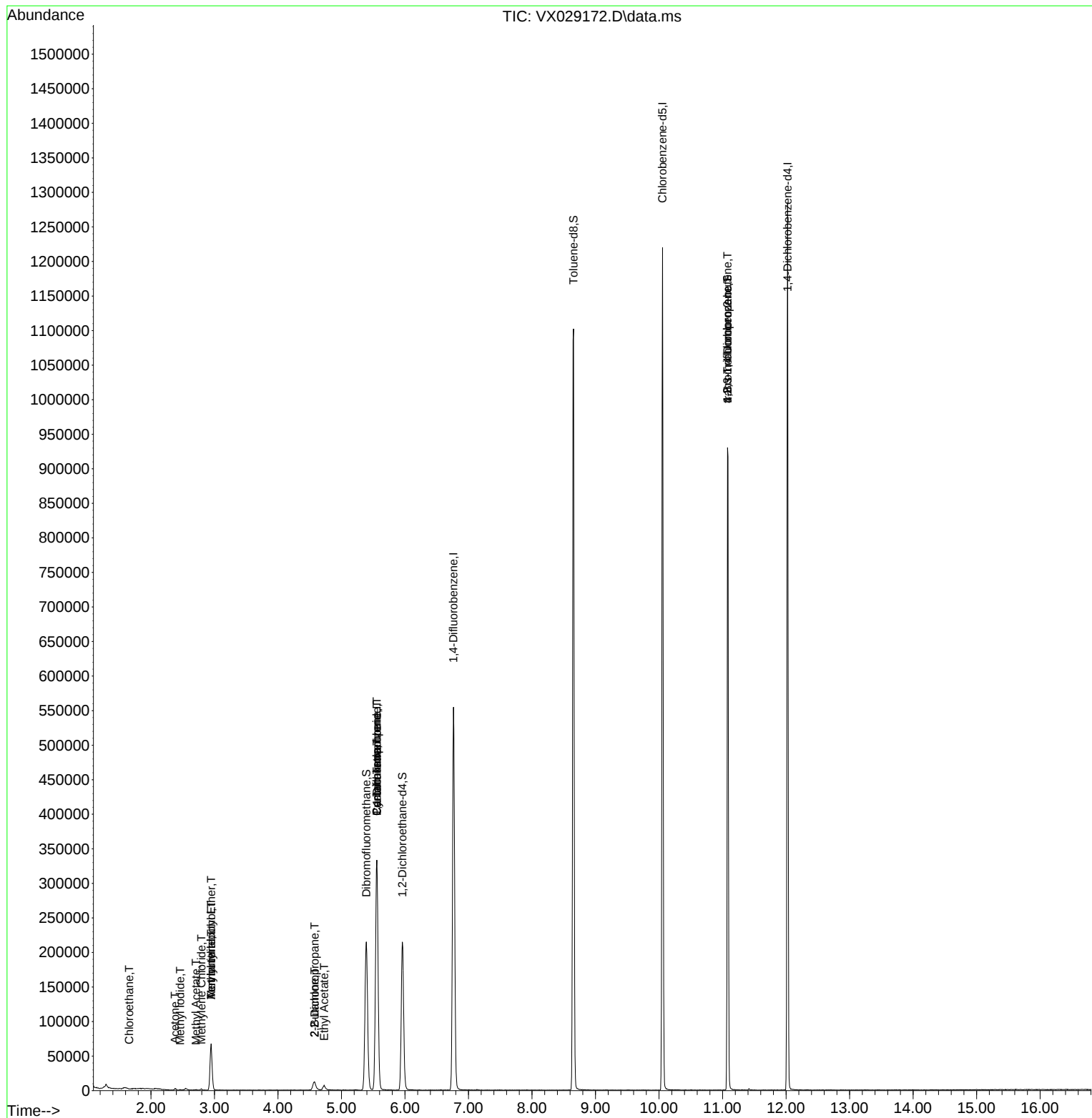
Internal Standards						
1) Pentafluorobenzene	5.556	168	316551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	587001	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	568164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	263801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	205539	57.581	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	115.160%
35) Dibromofluoromethane	5.391	113	193451	49.616	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.240%
50) Toluene-d8	8.653	98	686042	48.109	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.220%
62) 4-Bromofluorobenzene	11.079	95	272122	49.366	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.740%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	699	Below Cal		87
6) Chloroethane	1.654	64	175	1.467 ug/l	#	43
10) Methyl Iodide	2.459	142	600	4.381 ug/l	#	90
11) Tert butyl alcohol	2.947	59	37702	45.594 ug/l	#	76
15) Acrylonitrile	2.947	53	521	0.306 ug/l	#	18
16) Acetone	2.380	43	2149	1.529 ug/l	#	78
18) Methyl Acetate	2.709	43	731	0.201 ug/l		95
19) Methyl tert-butyl Ether	2.947	73	2047	0.211 ug/l	#	91
20) Methylene Chloride	2.794	84	902	0.275 ug/l	#	89
25) 2-Butanone	4.574	43	898	0.396 ug/l		93
26) 2,2-Dichloropropane	4.574	77	1143	0.263 ug/l	#	52
31) Cyclohexane	5.556	56	6149	1.325 ug/l	#	1
36) 1,1-Dichloropropene	5.556	75	24428	4.869 ug/l	#	49
37) Ethyl Acetate	4.727	43	10707	2.202 ug/l		95
38) Carbon Tetrachloride	5.556	117	32845	5.729 ug/l	#	15
44) Trichloroethene	7.135	130	266	Below Cal		92
76) 1,2,3-Trichloropropane	11.079	75	131763	24.639 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	131763	72.287 ug/l	#	15

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

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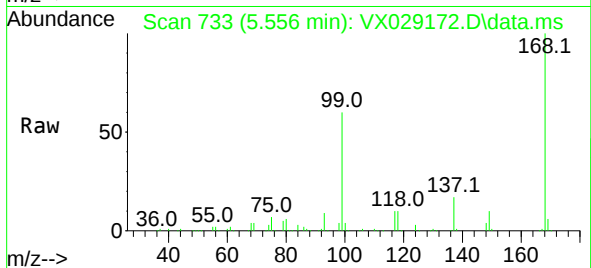
Quant Time: Jun 03 09:43:04 2022
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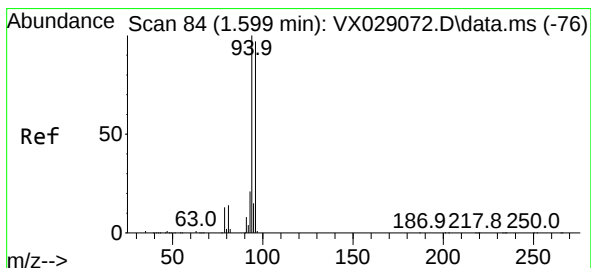
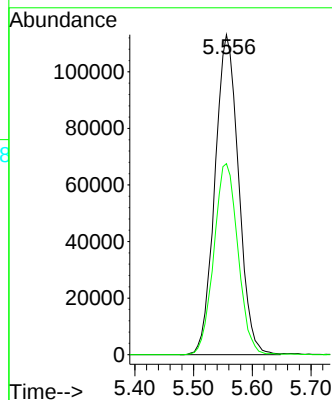
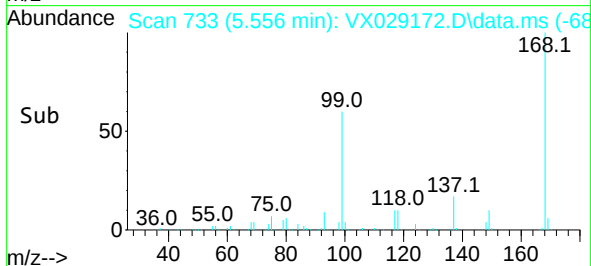


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

Instrument :
MSVOA_X
ClientSampleId :

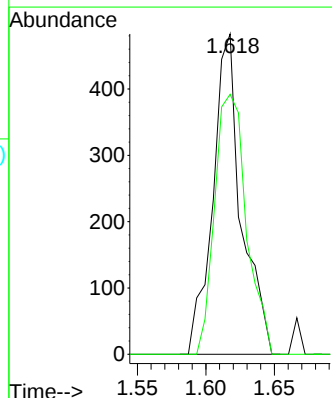
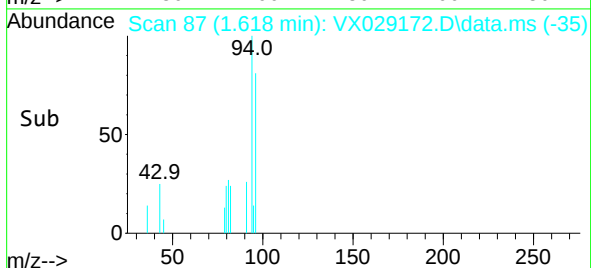
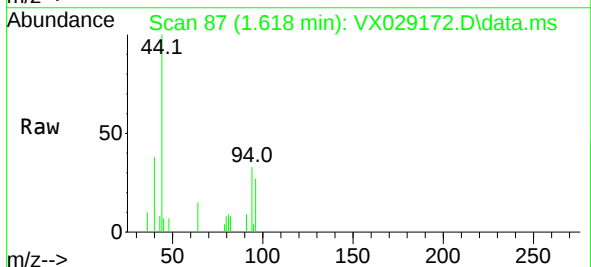


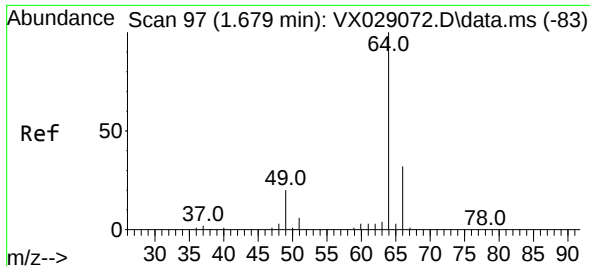
Tgt Ion:168 Resp: 316551
Ion Ratio Lower Upper
168 100
99 59.7 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

Tgt Ion: 94 Resp: 699
Ion Ratio Lower Upper
94 100
96 81.2 75.3 112.9

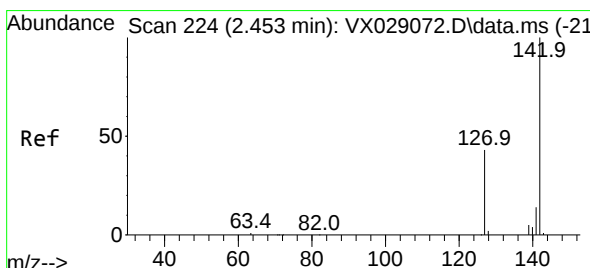
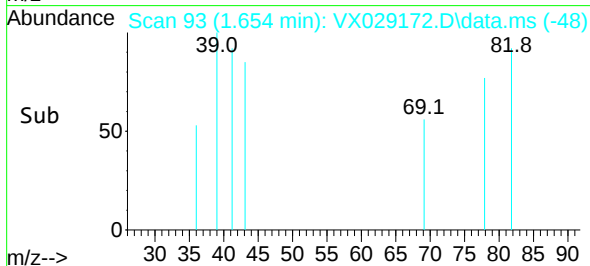
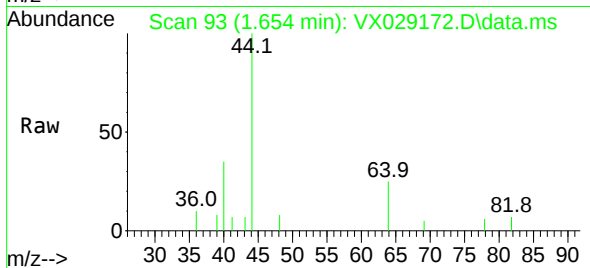




#6
Chloroethane
Concen: 1.467 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.025 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

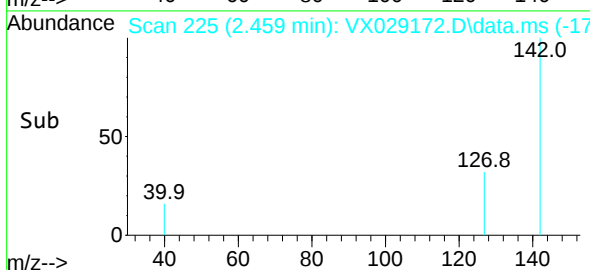
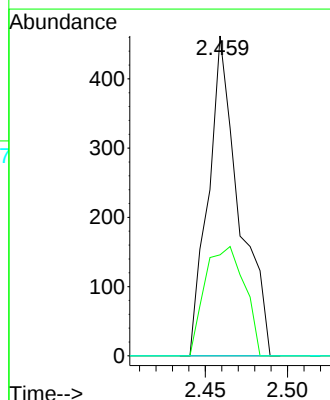
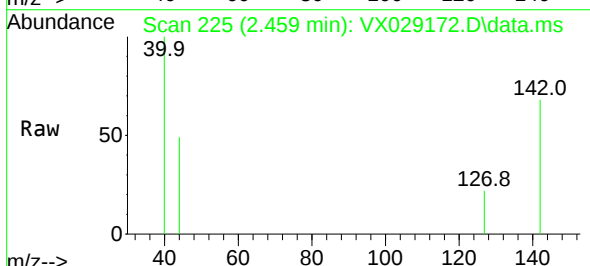
Instrument :
MSVOA_X
ClientSampleId :

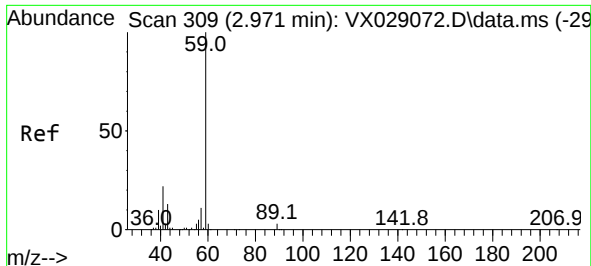
Tgt Ion: 64 Resp: 175
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 4.381 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

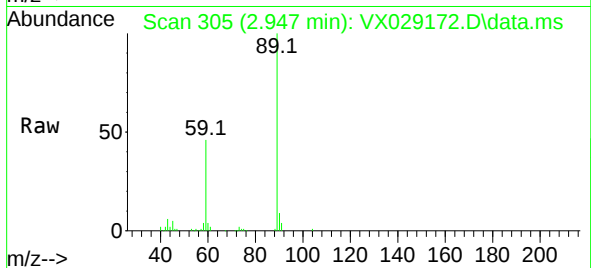
Tgt Ion: 142 Resp: 600
Ion Ratio Lower Upper
142 100
127 43.8 33.9 50.9
141 0.0 11.4 17.2#



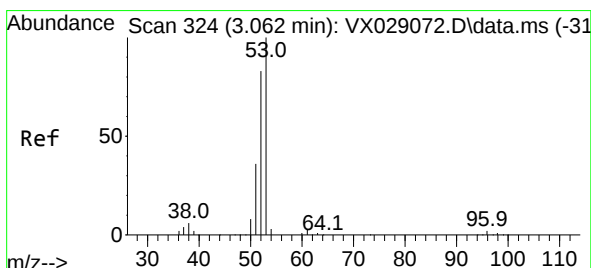
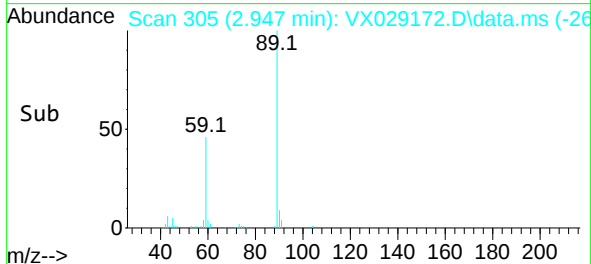
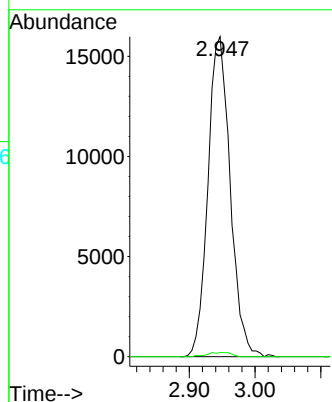


#11
Tert butyl alcohol
Concen: 45.594 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

Instrument :
MSVOA_X
ClientSampleId :

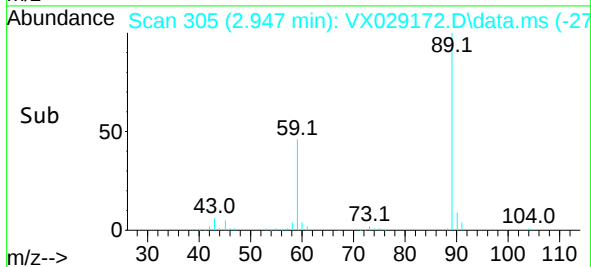
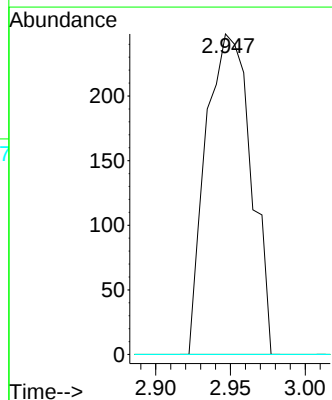
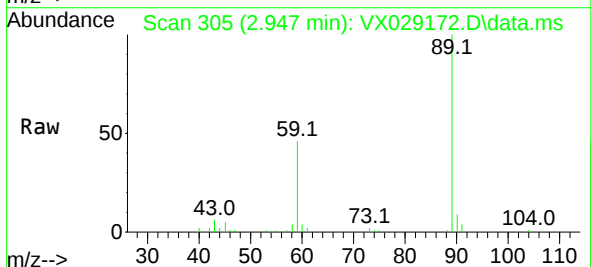


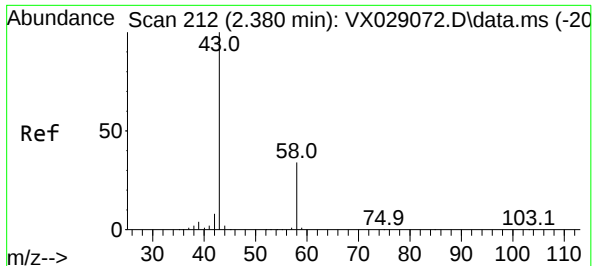
Tgt Ion: 59 Resp: 37702
Ion Ratio Lower Upper
59 100
57 1.4 8.3 12.5#



#15
Acrylonitrile
Concen: 0.306 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.115 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

Tgt Ion: 53 Resp: 521
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 0.0 28.4 42.6#

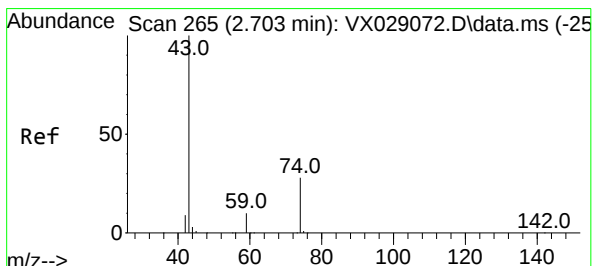
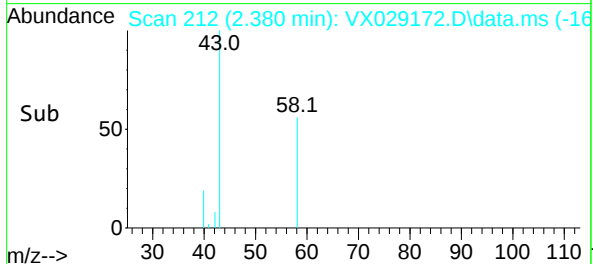
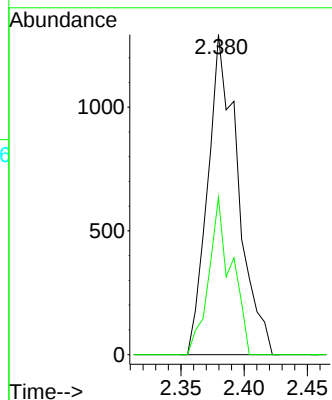
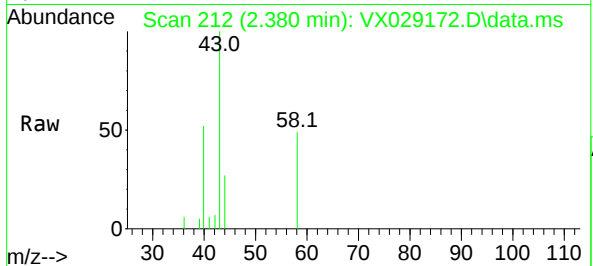




#16
Acetone
Concen: 1.529 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

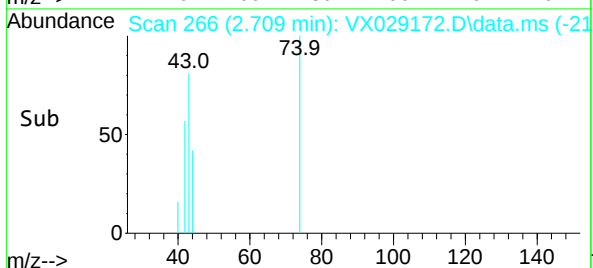
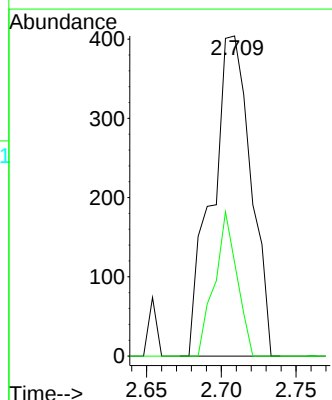
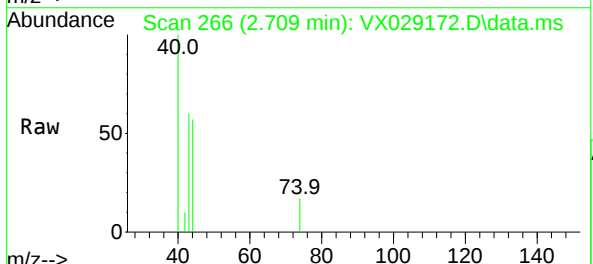
Instrument :
MSVOA_X
ClientSampleId :

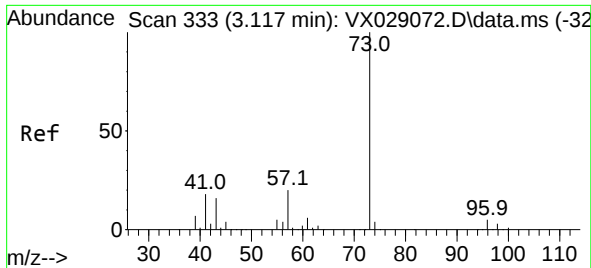
Tgt Ion: 43 Resp: 2149
Ion Ratio Lower Upper
43 100
58 49.2 28.8 43.2#



#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

Tgt Ion: 43 Resp: 731
Ion Ratio Lower Upper
43 100
74 25.7 22.8 34.2

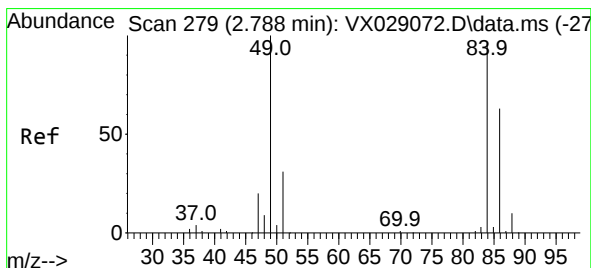
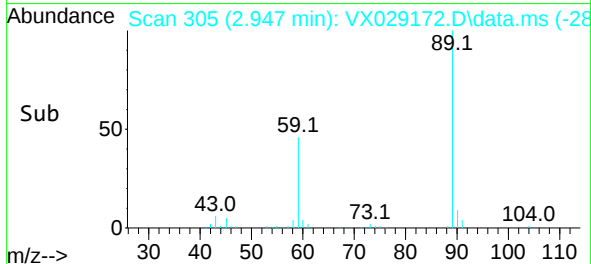
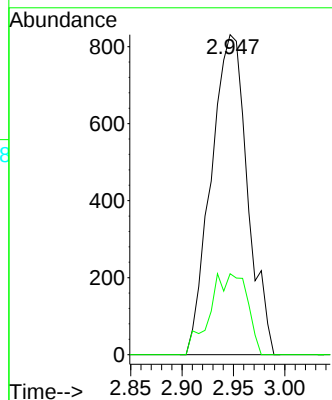
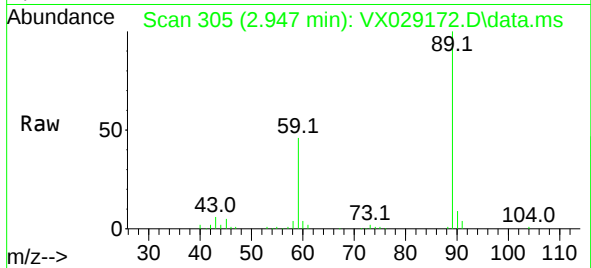




#19
Methyl tert-butyl Ether
Concen: 0.211 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.170 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

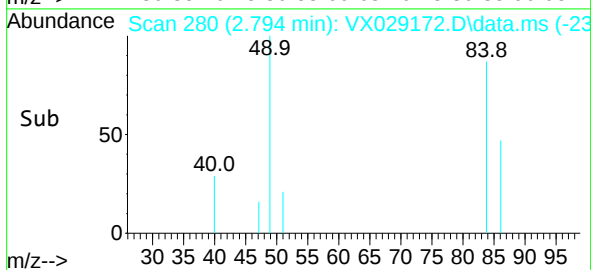
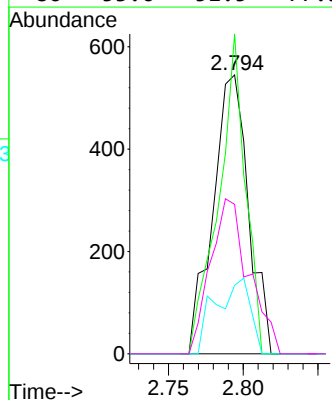
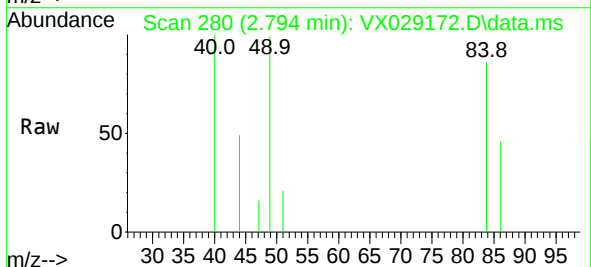
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MSVOA_X
ClientSampleId :

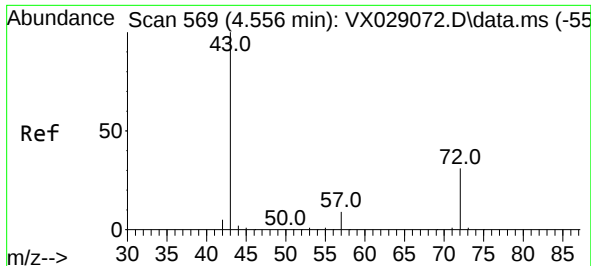
Tgt Ion: 73 Resp: 2047
Ion Ratio Lower Upper
73 100
57 25.3 16.8 25.2#



#20
Methylene Chloride
Concen: 0.275 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

Tgt Ion: 84 Resp: 902
Ion Ratio Lower Upper
84 100
49 114.7 85.5 128.3
51 24.6 26.6 39.8#
86 53.6 51.5 77.3

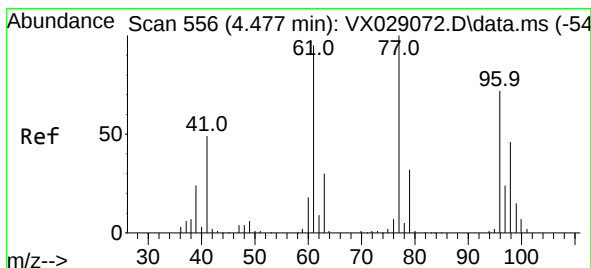
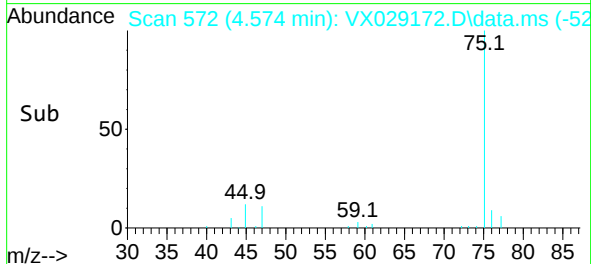
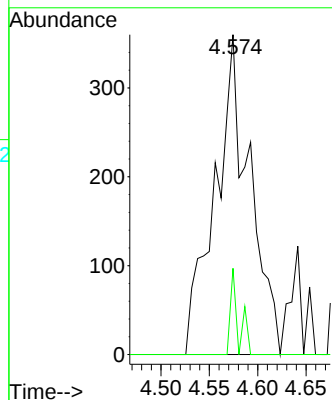
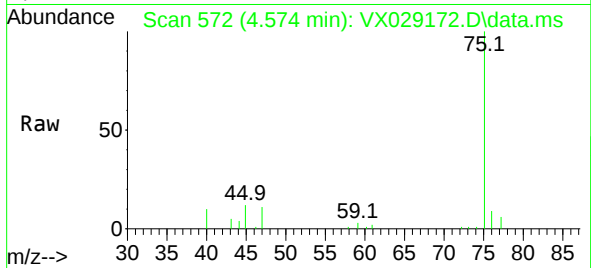




#25
2-Butanone
Concen: 0.396 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

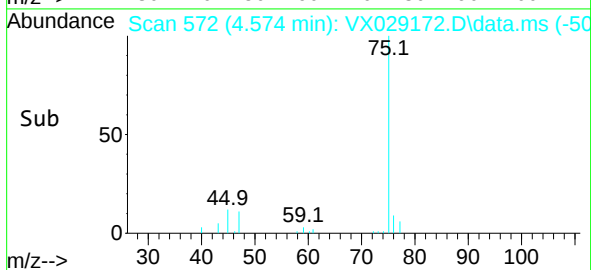
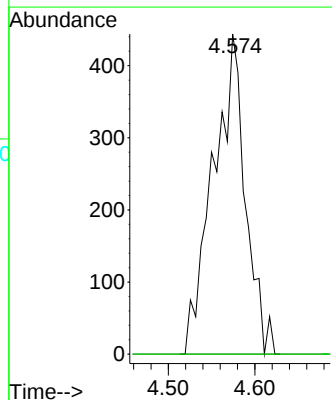
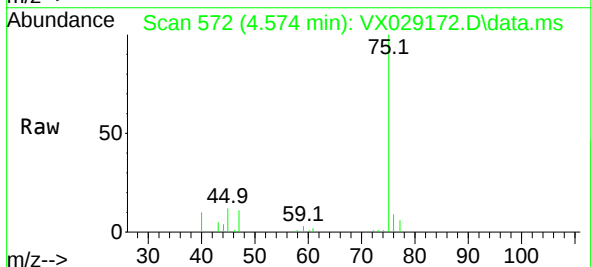
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MSVOA_X
ClientSampleId :

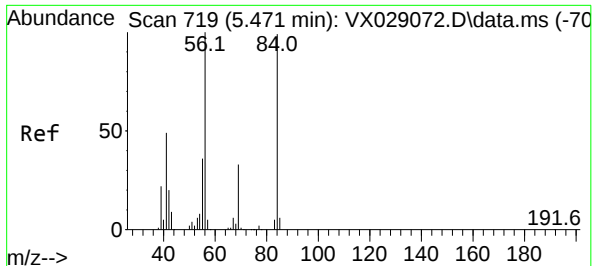
Tgt Ion: 43 Resp: 898
Ion Ratio Lower Upper
43 100
72 26.9 24.4 36.6



#26
2,2-Dichloropropane
Concen: 0.263 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.097 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

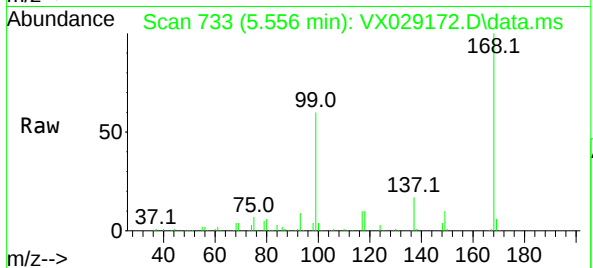
Tgt Ion: 77 Resp: 1143
Ion Ratio Lower Upper
77 100
97 0.0 11.8 35.4#



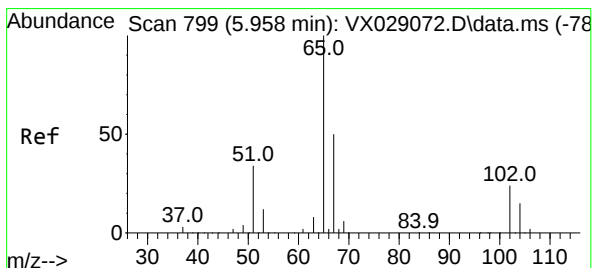
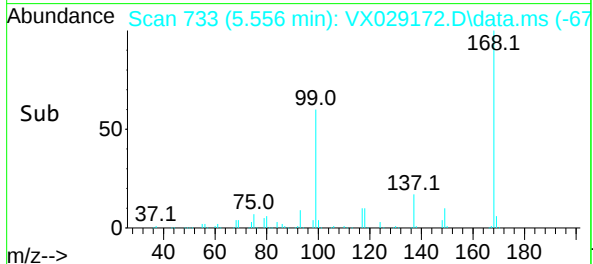
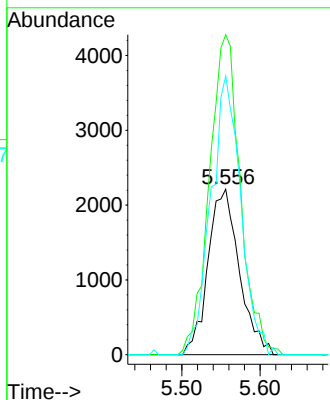


#31
Cyclohexane
Concen: 1.325 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

Instrument :
MSVOA_X
ClientSampleId :

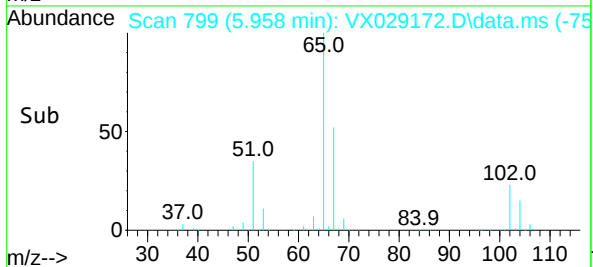
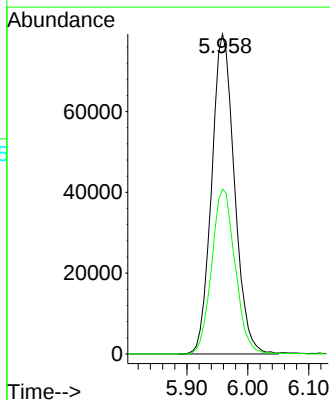
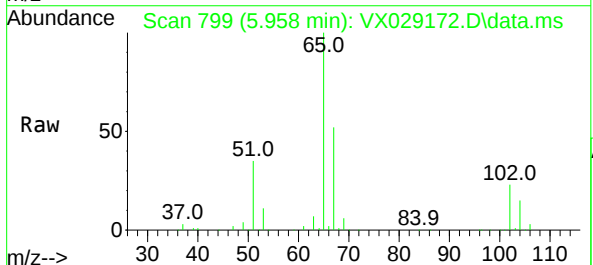


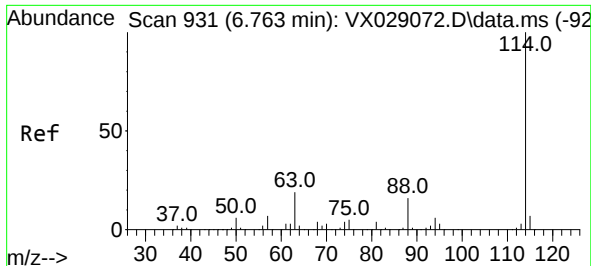
Tgt Ion: 56 Resp: 6149
Ion Ratio Lower Upper
56 100
69 193.4 26.7 40.1#
84 168.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 57.581 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

Tgt Ion: 65 Resp: 205539
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.4

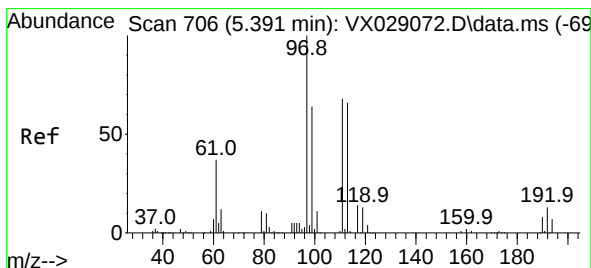
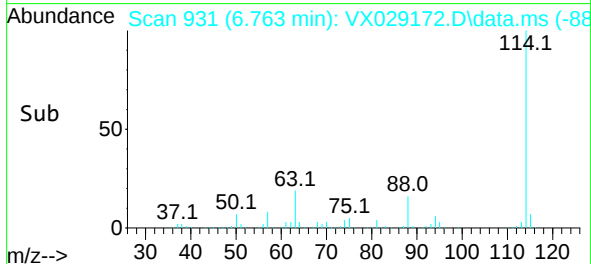
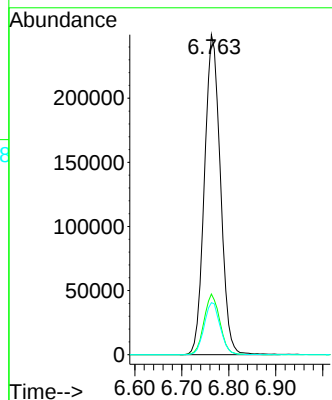
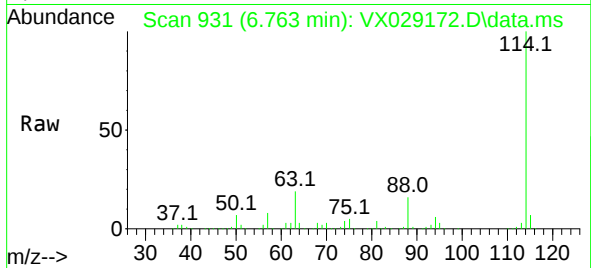




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

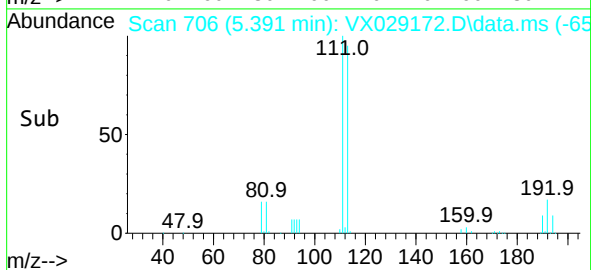
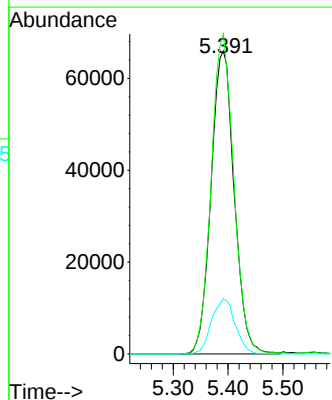
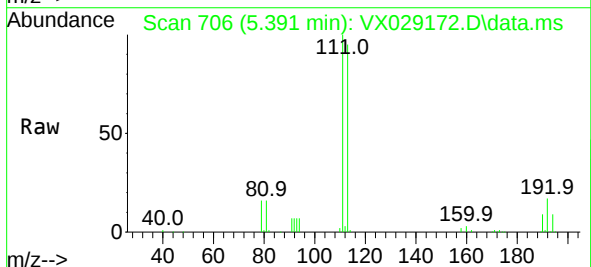
Instrument :
MSVOA_X
ClientSampleId :

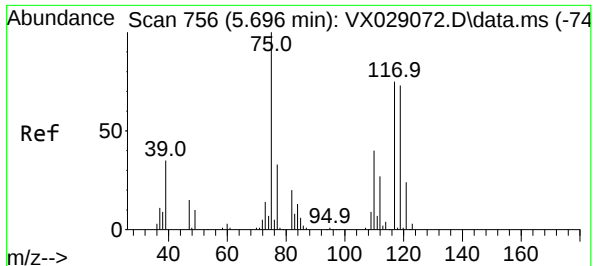
Tgt Ion:114 Resp: 587001
Ion Ratio Lower Upper
114 100
63 18.9 0.0 36.8
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.616 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

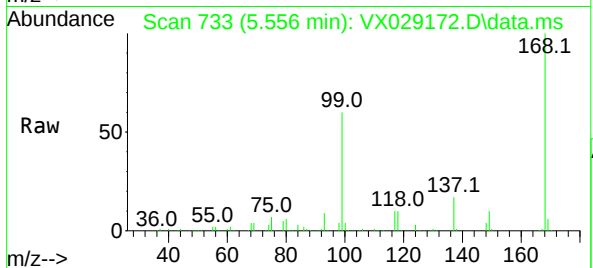
Tgt Ion:113 Resp: 193451
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 18.7 16.9 25.3



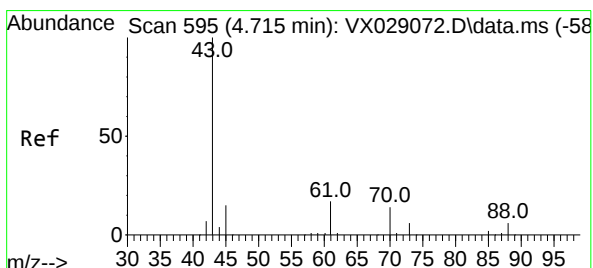
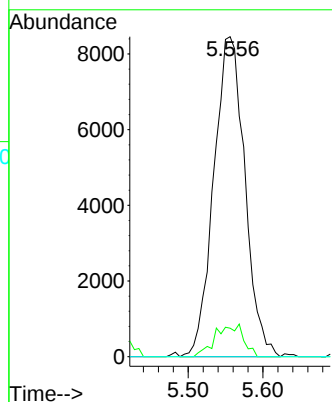
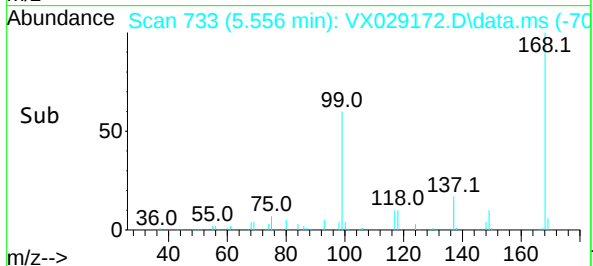


#36
1,1-Dichloropropene
Concen: 4.869 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

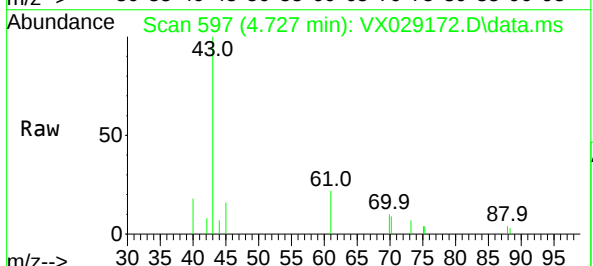
Instrument :
MSVOA_X
ClientSampleId :



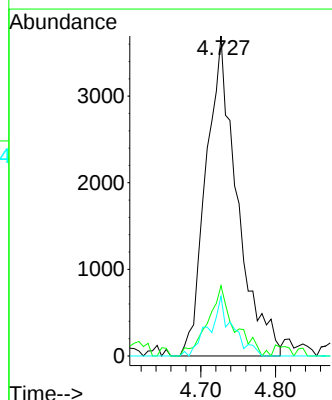
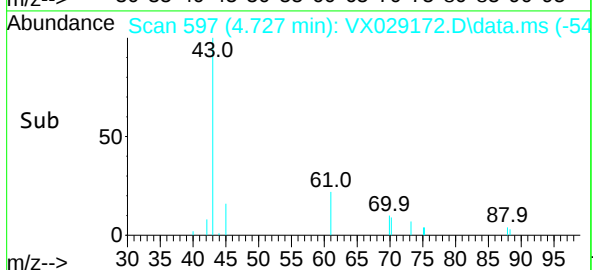
Tgt Ion: 75 Resp: 24428
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 24.8 37.2#

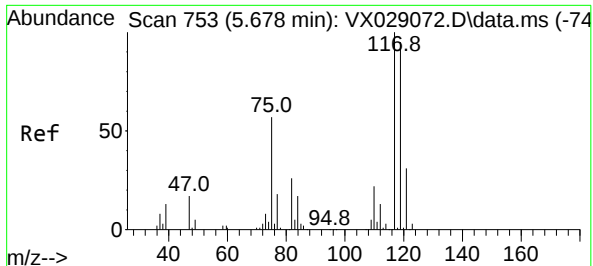


#37
Ethyl Acetate
Concen: 2.202 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41



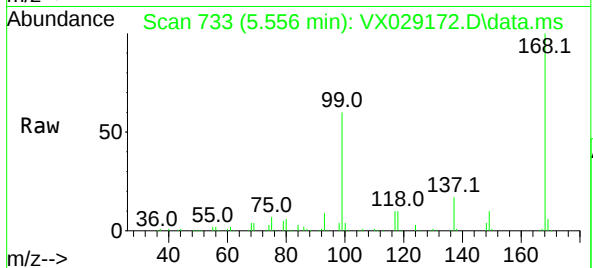
Tgt Ion: 43 Resp: 10707
Ion Ratio Lower Upper
43 100
61 18.5 12.6 19.0
70 14.0 10.2 15.2



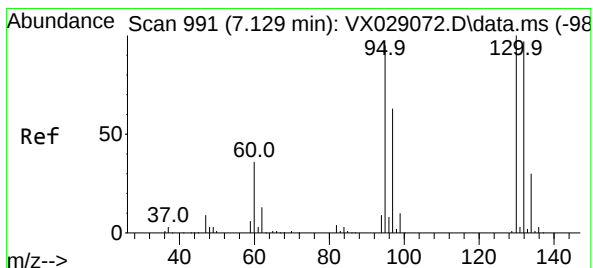
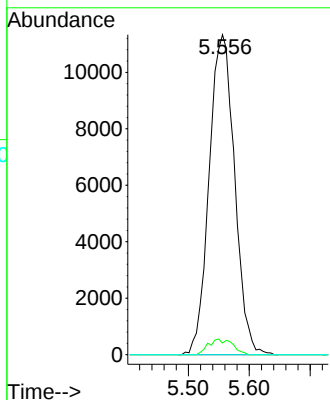
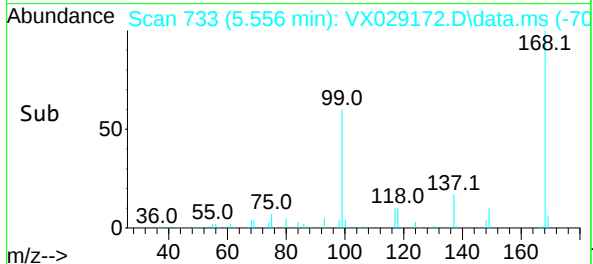


#38
Carbon Tetrachloride
Concen: 5.729 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

Instrument :
MSVOA_X
ClientSampleId :

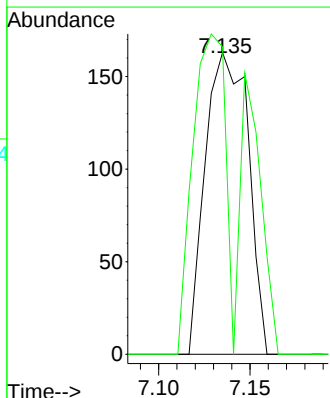
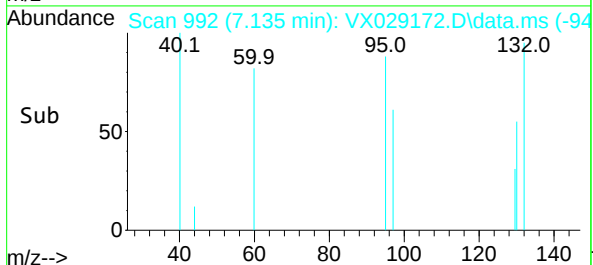
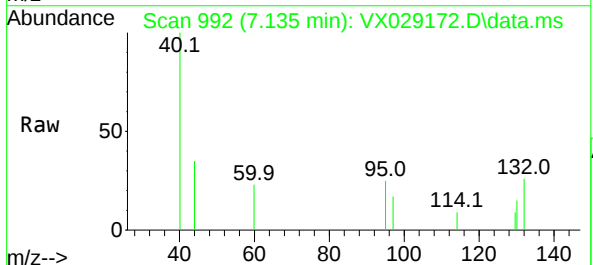


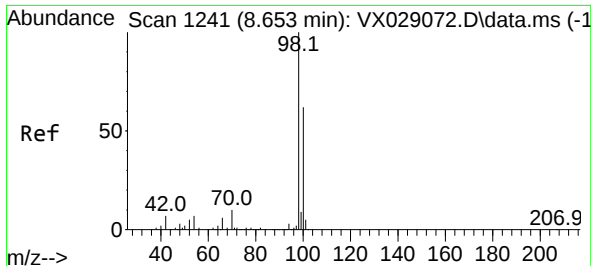
Tgt Ion:117 Resp: 32845
Ion Ratio Lower Upper
117 100
119 3.6 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

Tgt Ion:130 Resp: 266
Ion Ratio Lower Upper
130 100
95 101.8 0.0 188.8

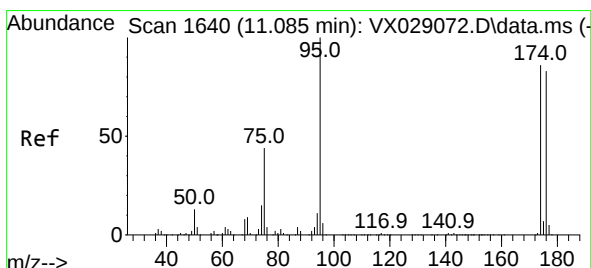
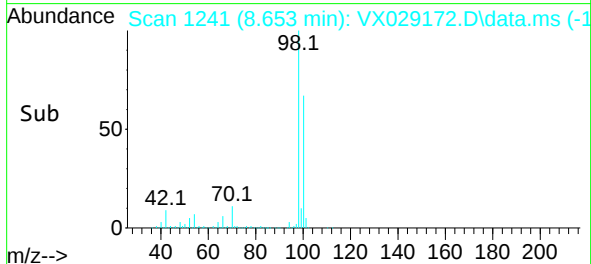
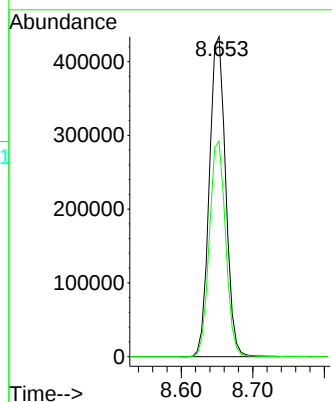
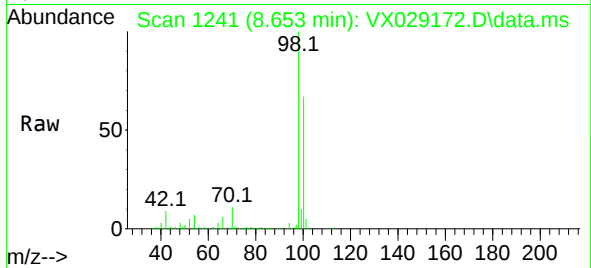




#50
Toluene-d8
Concen: 48.109 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

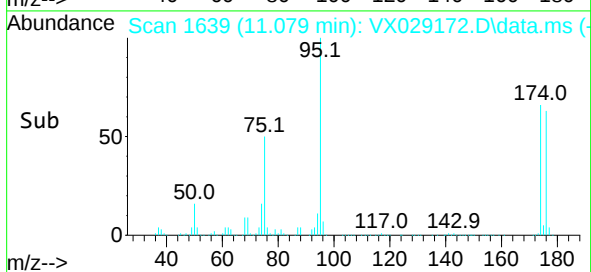
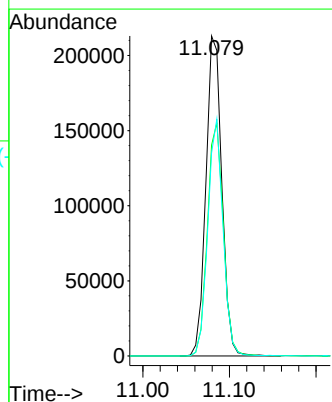
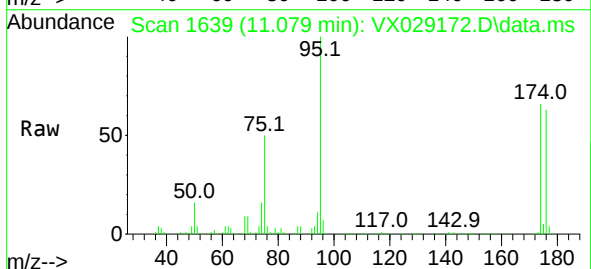
Instrument :
MSVOA_X
ClientSampleId :

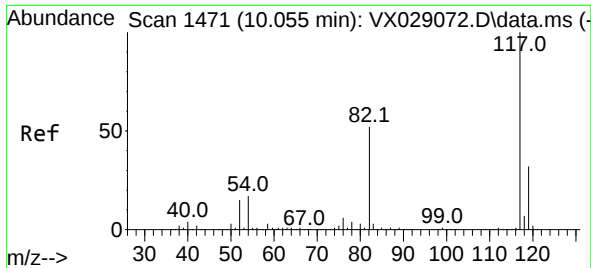
Tgt Ion: 98 Resp: 686042
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.366 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

Tgt Ion: 95 Resp: 272122
Ion Ratio Lower Upper
95 100
174 72.9 0.0 163.0
176 70.6 0.0 155.0

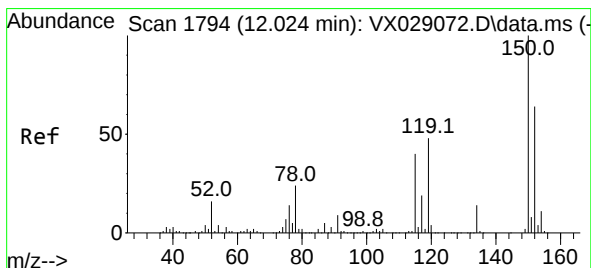
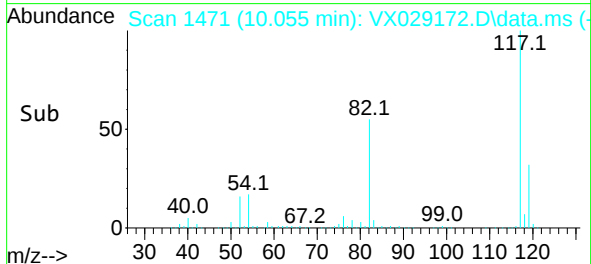
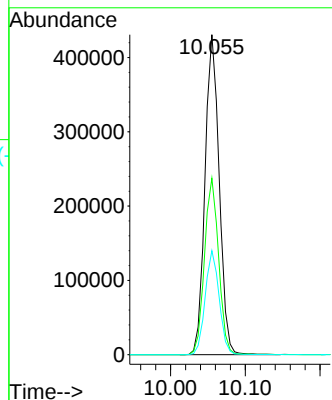
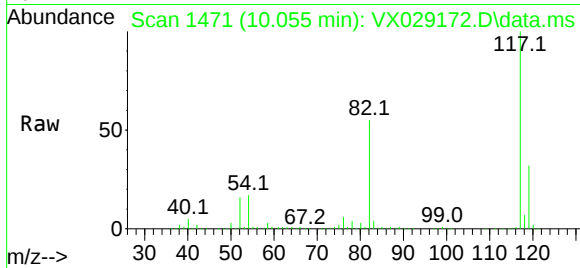




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

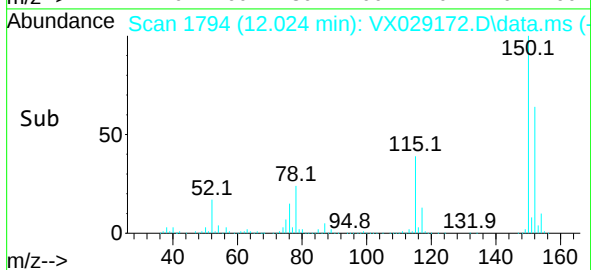
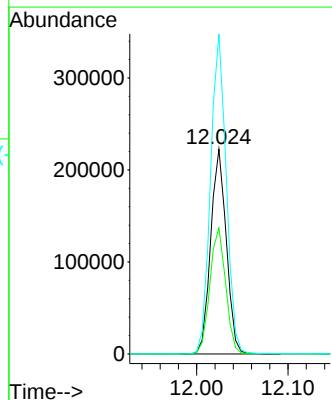
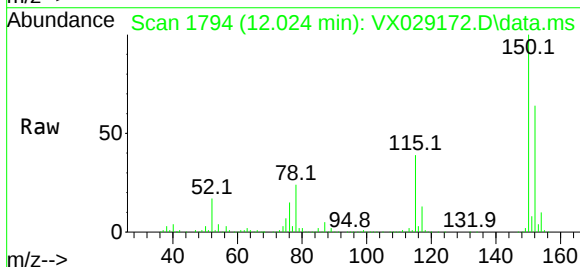
Instrument :
MSVOA_X
ClientSampleId :

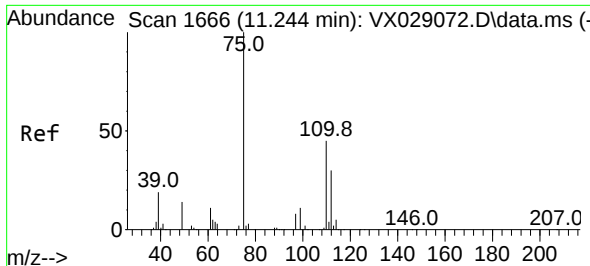
Tgt Ion:117 Resp: 568164
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.8
119 32.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

Tgt Ion:152 Resp: 263801
Ion Ratio Lower Upper
152 100
115 62.0 37.5 112.7
150 156.9 0.0 338.2

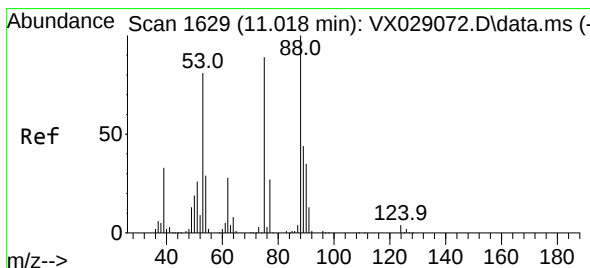
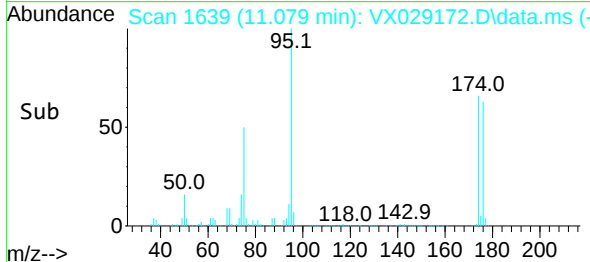
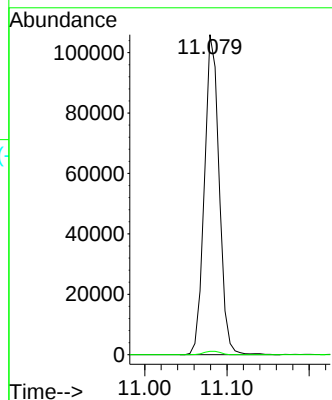
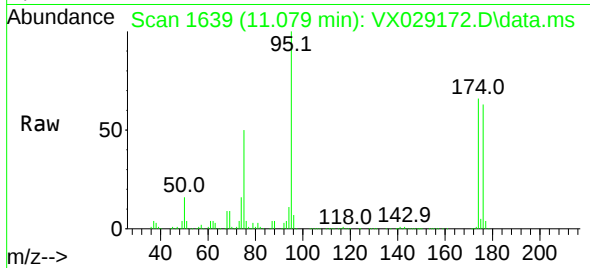




#76
1,2,3-Trichloropropane
Concen: 24.639 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 131763
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.287 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029172.D
Acq: 03 Jun 2022 06:41

Tgt Ion: 75 Resp: 131763
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

