

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029849.D
 Acq On : 29 Jun 2022 09:47
 Operator : JC/MD
 Sample : VX0629MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629MBL01

Quant Time: Jun 29 14:58:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

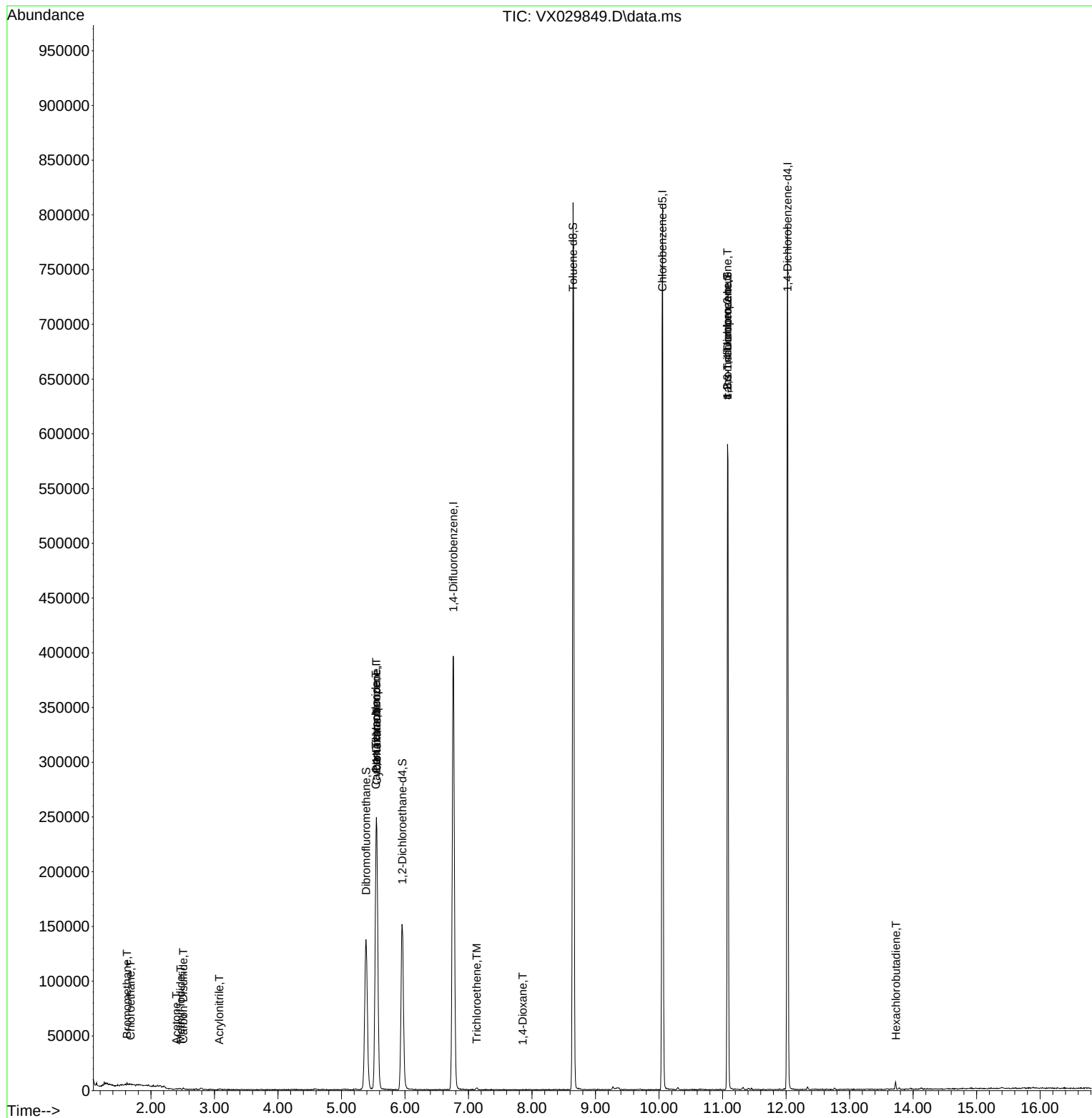
Internal Standards						
1) Pentafluorobenzene	5.550	168	252053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	437597	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137379	43.058	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.120%		
35) Dibromofluoromethane	5.385	113	123796	45.268	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.540%		
50) Toluene-d8	8.647	98	497903	48.532	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.060%		
62) 4-Bromofluorobenzene	11.079	95	165675	45.684	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.360%		
Target Compounds						Qvalue
5) Bromomethane	1.624	94	415	0.267	ug/l #	77
6) Chloroethane	1.678	64	240	1.150	ug/l #	41
10) Methyl Iodide	2.465	142	815	2.100	ug/l #	87
13) Acrolein	2.245	56	253	Below Cal	#	14
15) Acrylonitrile	3.075	53	428	0.220	ug/l #	62
16) Acetone	2.398	43	731	0.468	ug/l #	40
17) Carbon Disulfide	2.508	76	1516	0.235	ug/l #	72
31) Cyclohexane	5.556	56	5454	1.226	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18881	5.191	ug/l #	47
38) Carbon Tetrachloride	5.544	117	22854	7.251	ug/l #	17
44) Trichloroethene	7.129	130	638	0.201	ug/l	90
49) 1,4-Dioxane	7.854	88	28	0.333	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	78260	19.917	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	78260	63.251	ug/l #	13
94) Hexachlorobutadiene	13.731	225	982	0.813	ug/l	96

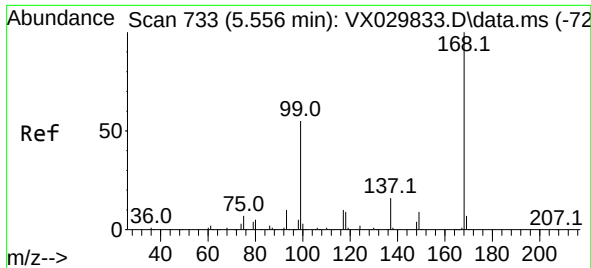
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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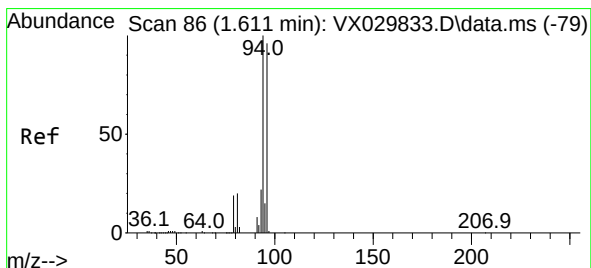
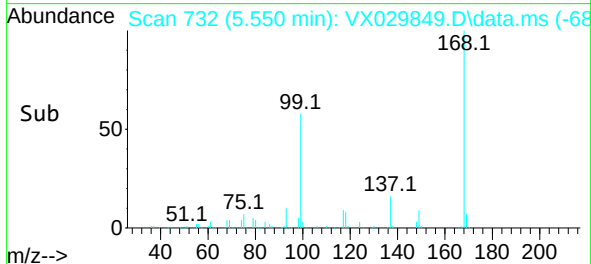
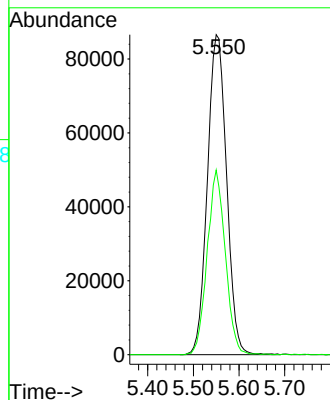
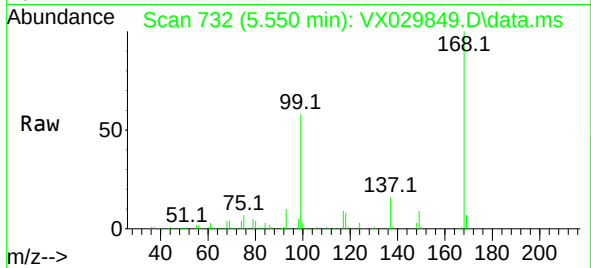




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029849.D
Acq: 29 Jun 2022 09:47

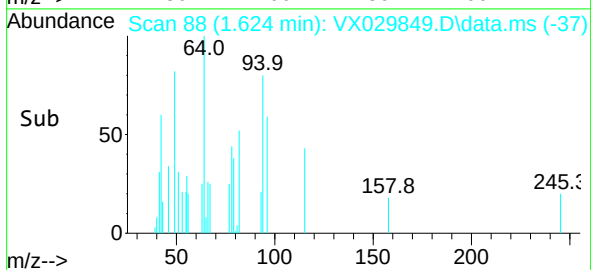
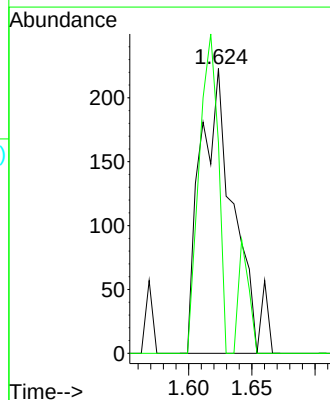
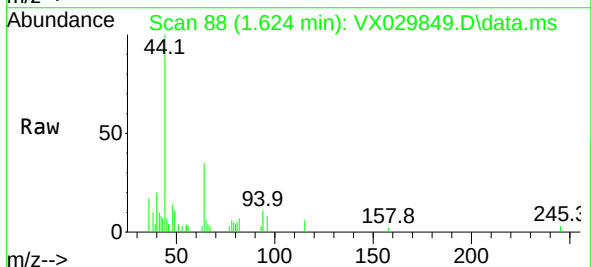
Instrument :
MSVOA_X
ClientSampleId :
VX0629MBL01

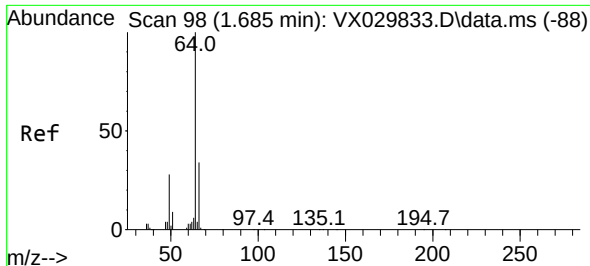
Tgt Ion:168 Resp: 252053
Ion Ratio Lower Upper
168 100
99 57.7 44.0 66.0



#5
Bromomethane
Concen: 0.267 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX029849.D
Acq: 29 Jun 2022 09:47

Tgt Ion: 94 Resp: 415
Ion Ratio Lower Upper
94 100
96 74.0 76.9 115.3#

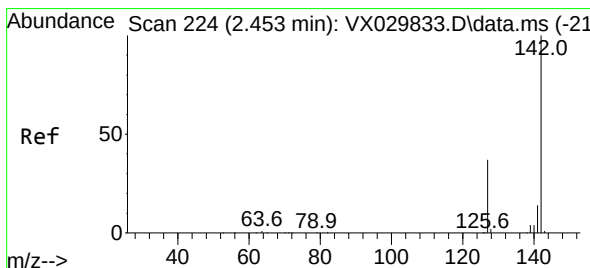
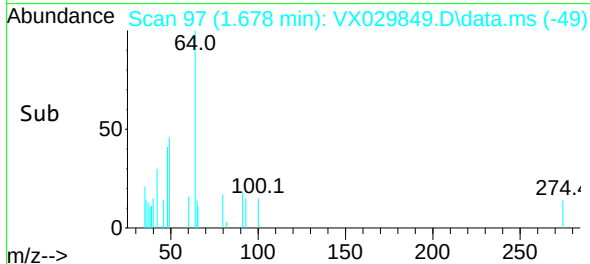
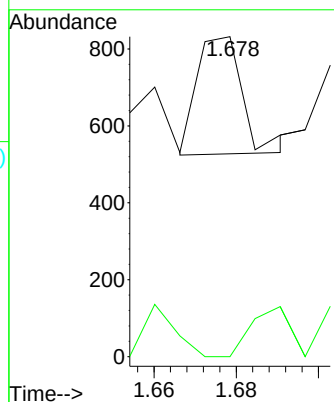
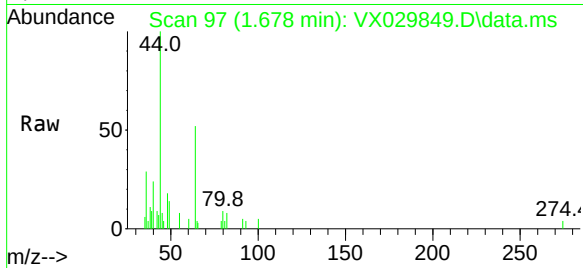




#6
Chloroethane
Concen: 1.150 ug/l
RT: 1.678 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX029849.D
Acq: 29 Jun 2022 09:47

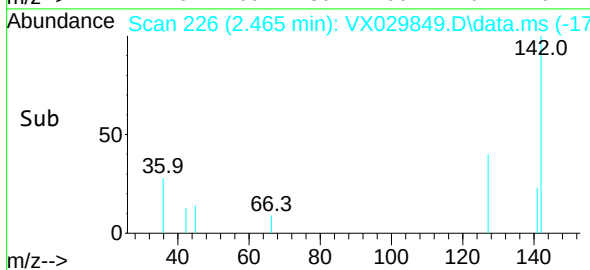
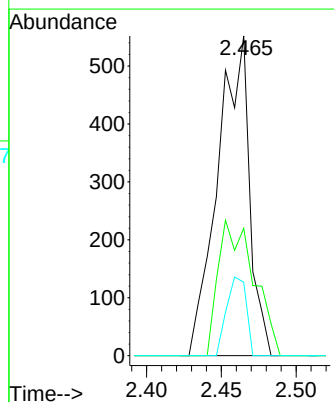
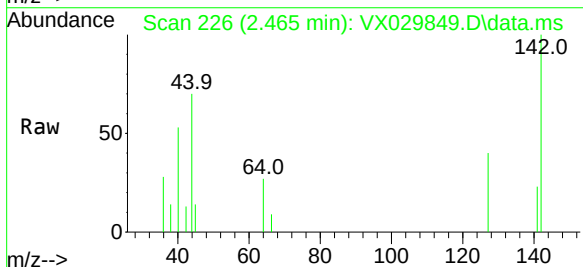
Instrument :
MSVOA_X
ClientSampleId :
VX0629MBL01

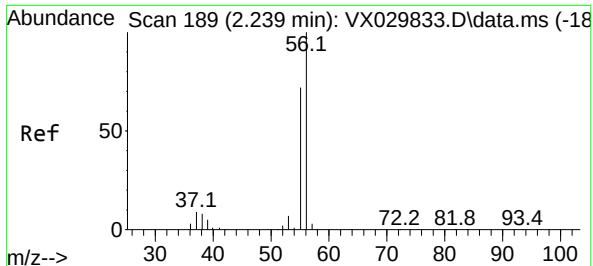
Tgt Ion: 64 Resp: 240
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 2.100 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX029849.D
Acq: 29 Jun 2022 09:47

Tgt Ion: 142 Resp: 815
Ion Ratio Lower Upper
142 100
127 47.7 30.2 45.2#
141 15.2 11.3 16.9

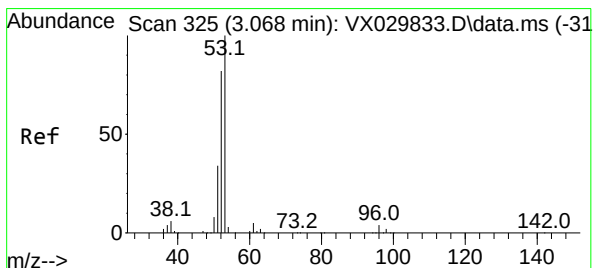
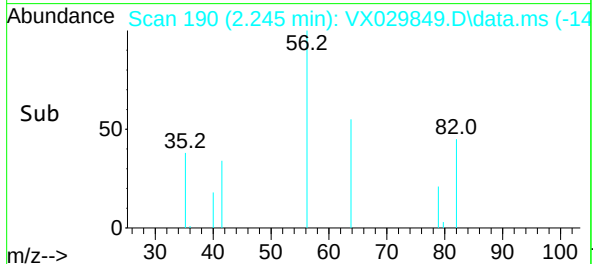
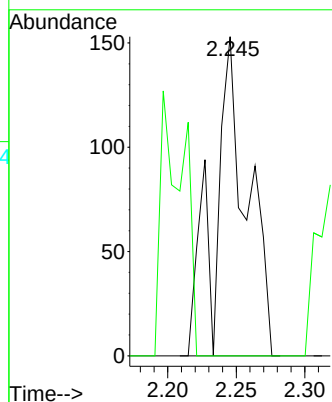
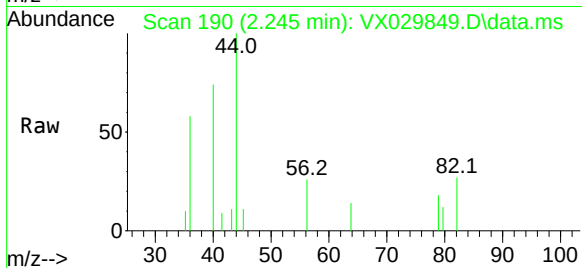




#13
Acrolein
Concen: Below Cal
RT: 2.245 min Scan# 19
Delta R.T. 0.006 min
Lab File: VX029849.D
Acq: 29 Jun 2022 09:47

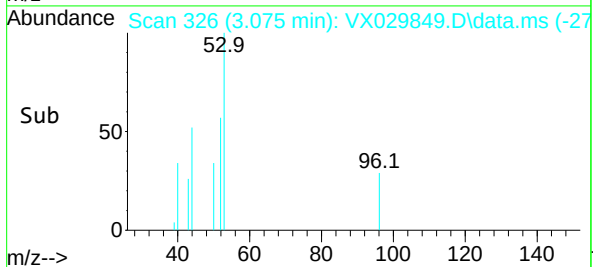
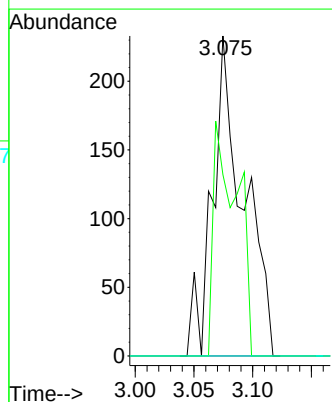
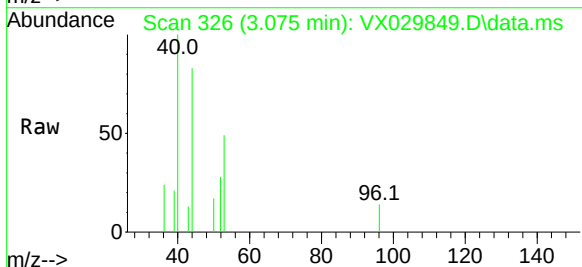
Instrument :
MSVOA_X
ClientSampleId :
VX0629MBL01

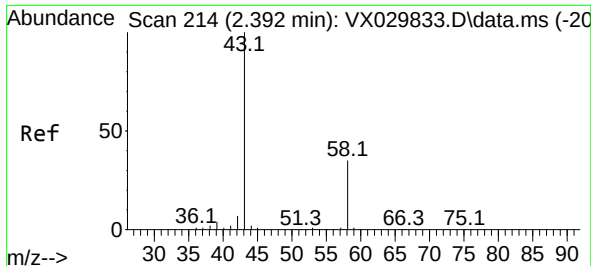
Tgt Ion: 56 Resp: 253
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#15
Acrylonitrile
Concen: 0.220 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX029849.D
Acq: 29 Jun 2022 09:47

Tgt Ion: 53 Resp: 428
Ion Ratio Lower Upper
53 100
52 56.5 65.4 98.0#
51 0.0 27.7 41.5#

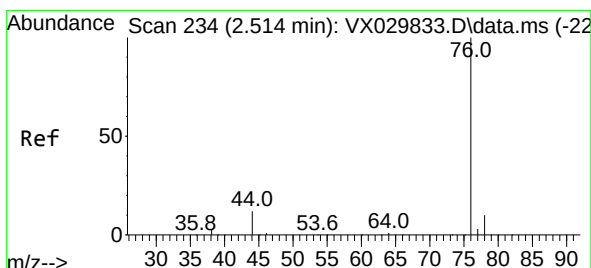
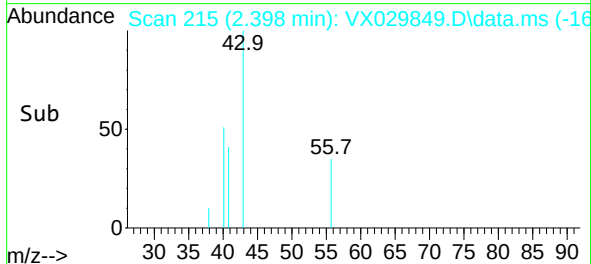
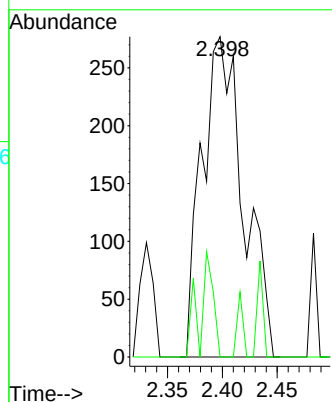
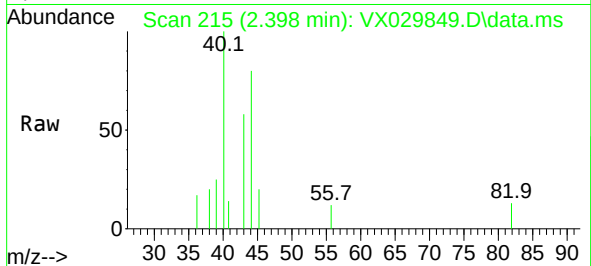




#16
Acetone
Concen: 0.468 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX029849.D
Acq: 29 Jun 2022 09:47

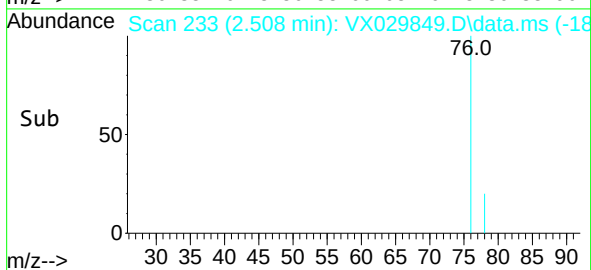
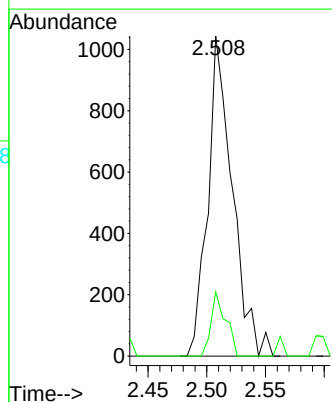
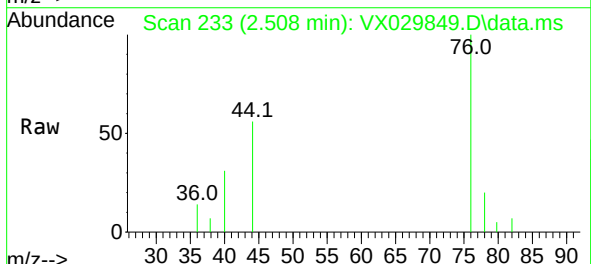
Instrument :
MSVOA_X
ClientSampleId :
VX0629MBL01

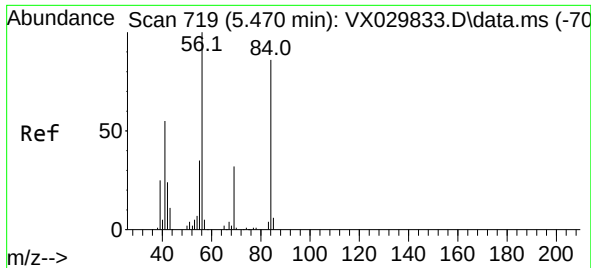
Tgt Ion: 43 Resp: 731
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#



#17
Carbon Disulfide
Concen: 0.235 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX029849.D
Acq: 29 Jun 2022 09:47

Tgt Ion: 76 Resp: 1516
Ion Ratio Lower Upper
76 100
78 20.0 7.8 11.6#

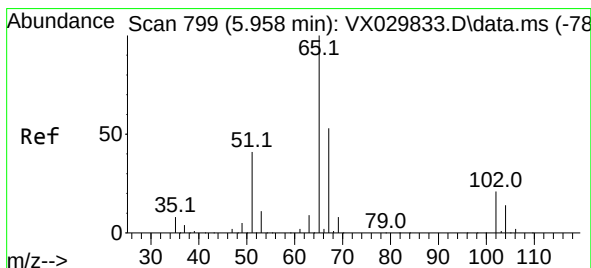
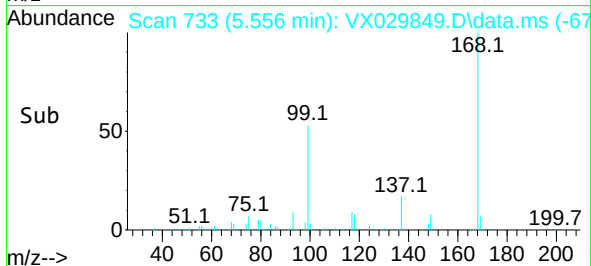
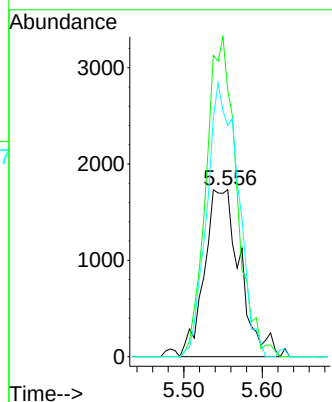
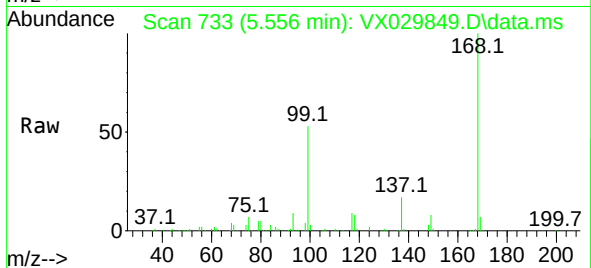




#31
Cyclohexane
Concen: 1.226 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029849.D
Acq: 29 Jun 2022 09:47

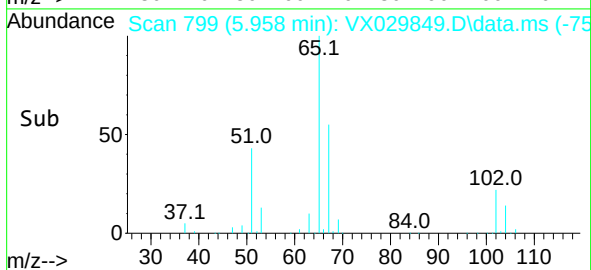
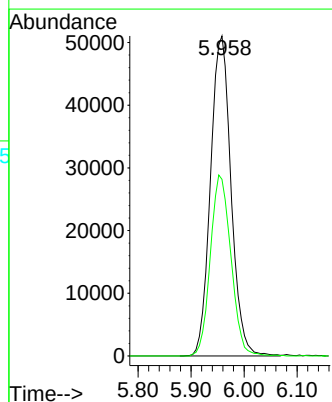
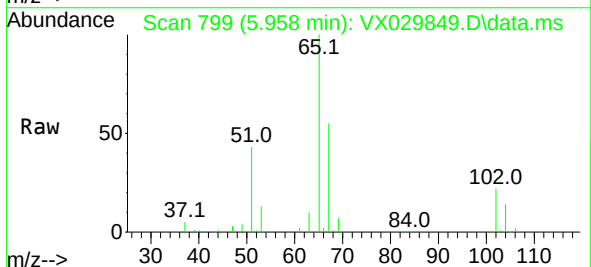
Instrument :
MSVOA_X
ClientSampleId :
VX0629MBL01

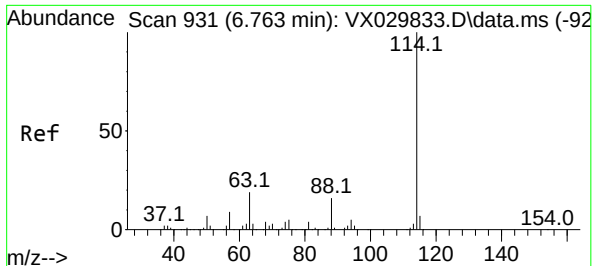
Tgt Ion: 56 Resp: 5454
Ion Ratio Lower Upper
56 100
69 159.7 25.4 38.0#
84 138.5 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 43.058 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029849.D
Acq: 29 Jun 2022 09:47

Tgt Ion: 65 Resp: 137379
Ion Ratio Lower Upper
65 100
67 56.7 0.0 109.6

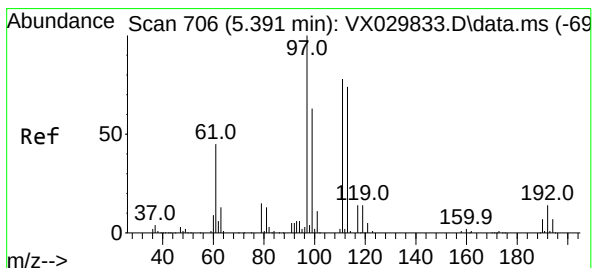
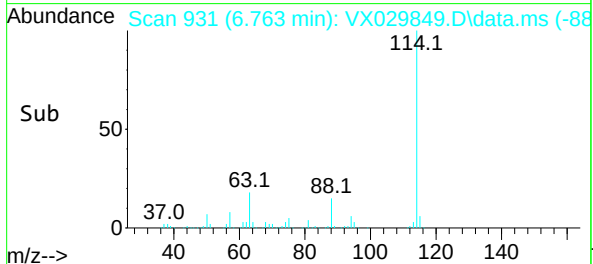
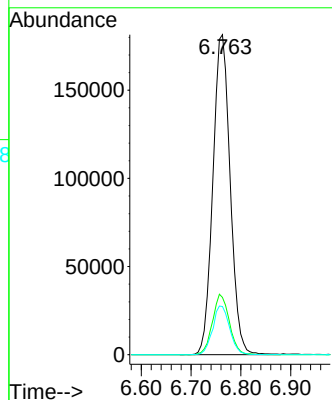
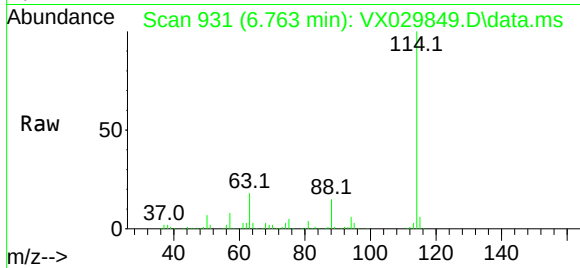




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029849.D
Acq: 29 Jun 2022 09:47

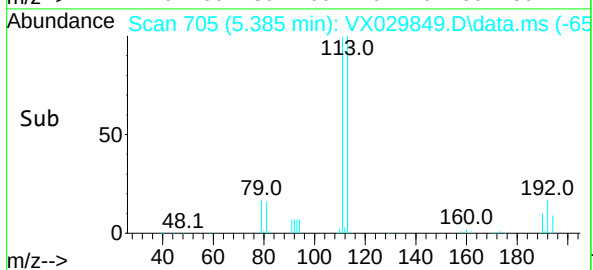
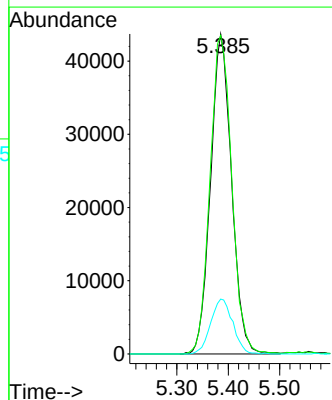
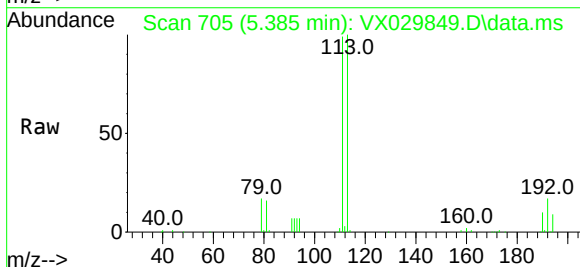
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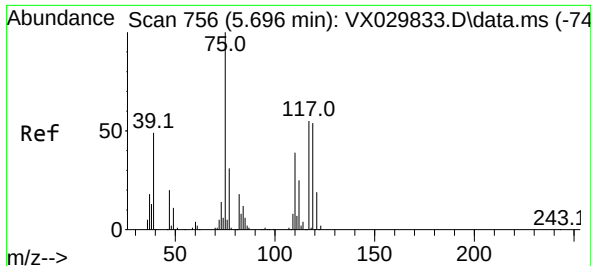
Tgt Ion:114 Resp: 437597
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.4
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.268 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029849.D
Acq: 29 Jun 2022 09:47

Tgt Ion:113 Resp: 123796
Ion Ratio Lower Upper
113 100
111 103.3 83.2 124.8
192 18.0 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.191 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX029849.D

Acq: 29 Jun 2022 09:47

Instrument :

MSVOA_X

ClientSampleId :

VX0629MBL01

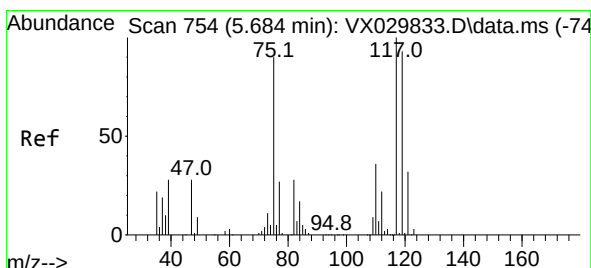
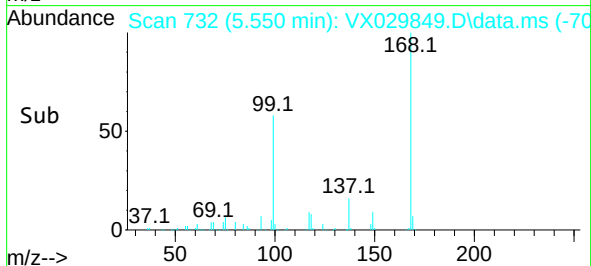
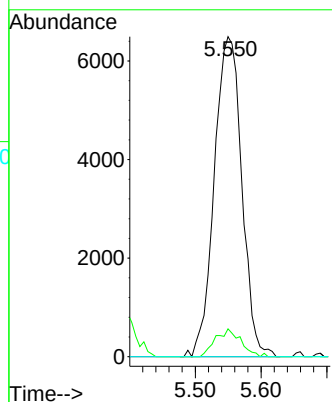
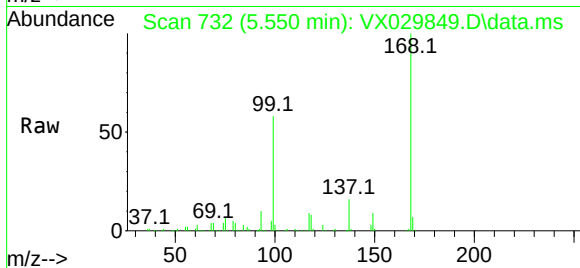
Tgt Ion: 75 Resp: 18881

Ion Ratio Lower Upper

75 100

110 8.1 19.3 57.9#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.251 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX029849.D

Acq: 29 Jun 2022 09:47

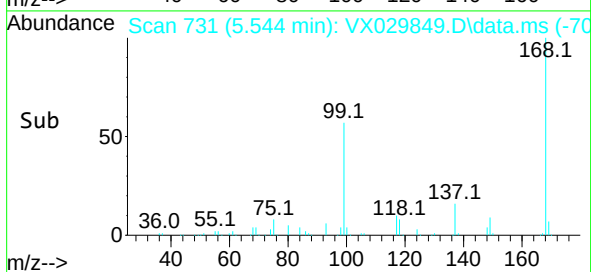
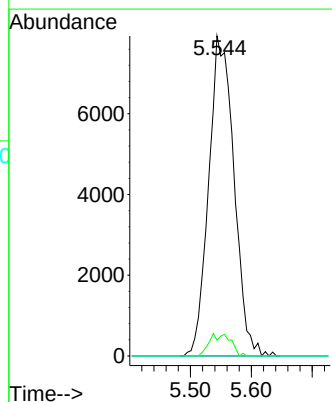
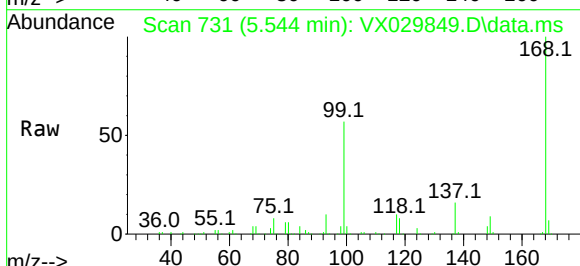
Tgt Ion: 117 Resp: 22854

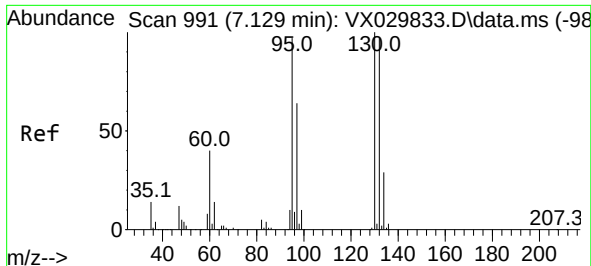
Ion Ratio Lower Upper

117 100

119 4.9 74.1 111.1#

121 0.0 25.8 38.8#

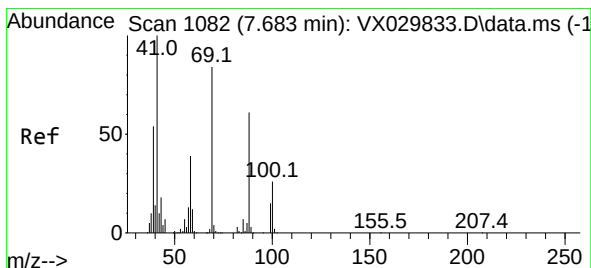
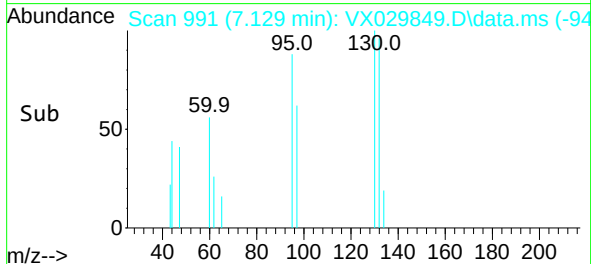
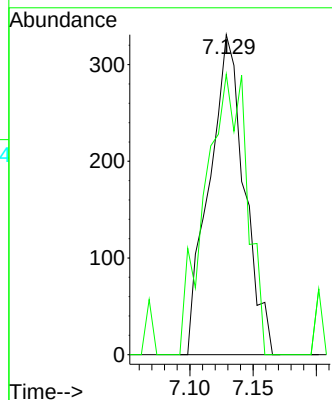
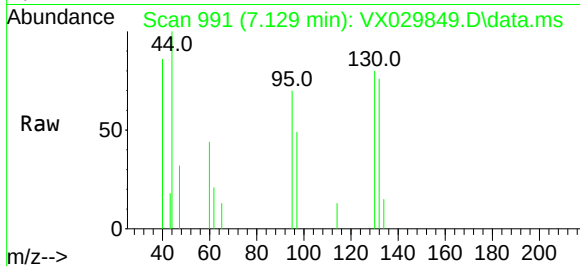




#44
Trichloroethene
Concen: 0.201 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX029849.D
Acq: 29 Jun 2022 09:47

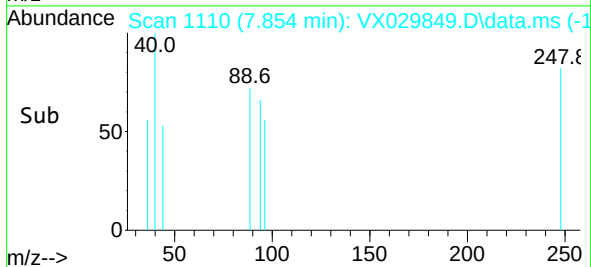
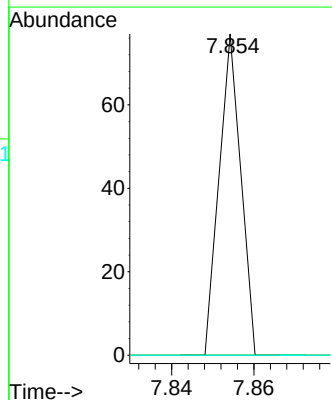
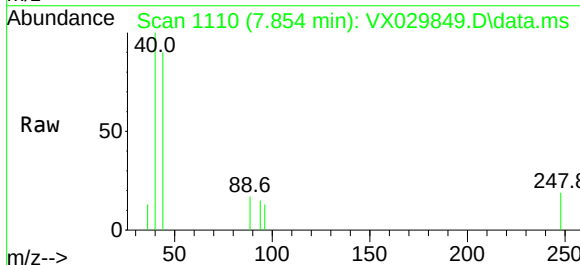
Instrument :
MSVOA_X
ClientSampleId :
VX0629MBL01

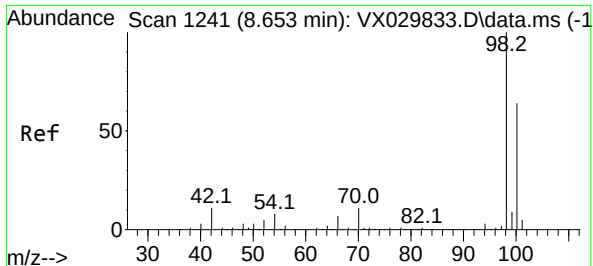
Tgt Ion:130 Resp: 638
Ion Ratio Lower Upper
130 100
95 87.6 0.0 194.8



#49
1,4-Dioxane
Concen: 0.333 ug/l
RT: 7.854 min Scan# 1110
Delta R.T. 0.171 min
Lab File: VX029849.D
Acq: 29 Jun 2022 09:47

Tgt Ion: 88 Resp: 28
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

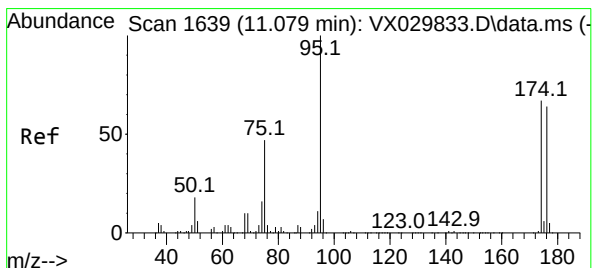
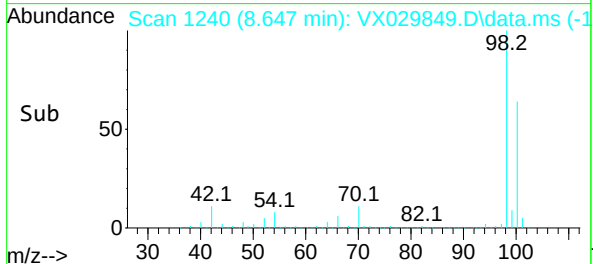
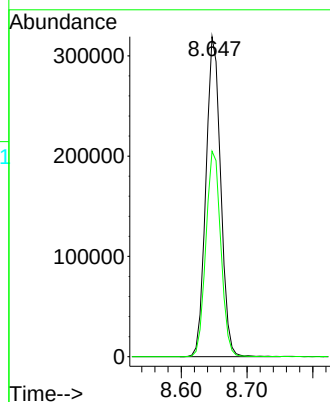
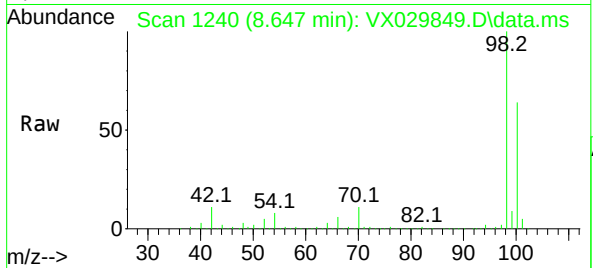




#50
Toluene-d8
Concen: 48.532 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029849.D
Acq: 29 Jun 2022 09:47

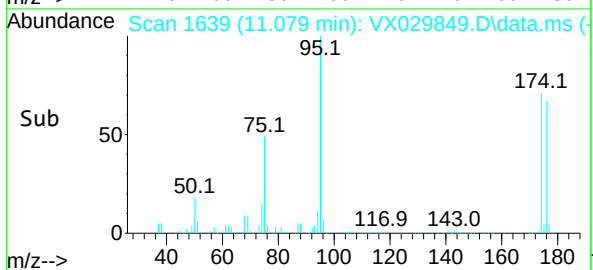
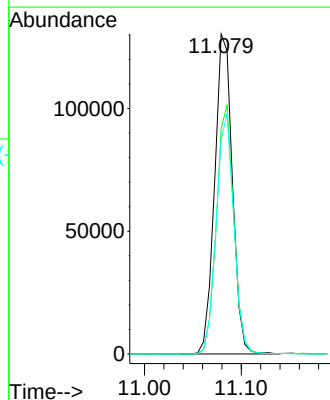
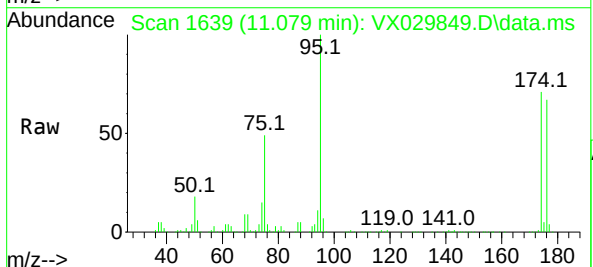
Instrument :
MSVOA_X
ClientSampleId :
VX0629MBL01

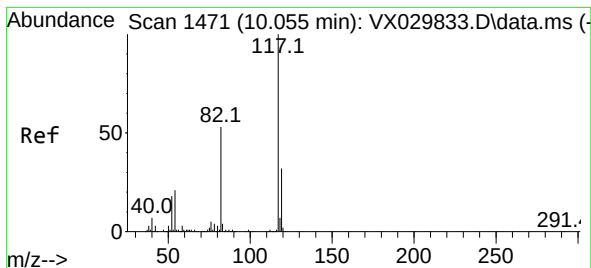
Tgt Ion: 98 Resp: 497903
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.684 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX029849.D
Acq: 29 Jun 2022 09:47

Tgt Ion: 95 Resp: 165675
Ion Ratio Lower Upper
95 100
174 75.9 0.0 149.0
176 74.5 0.0 146.0

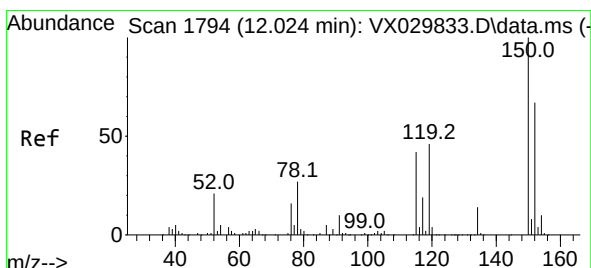
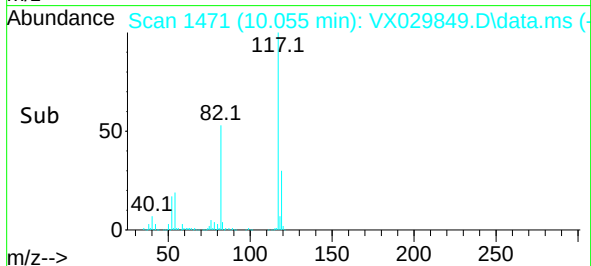
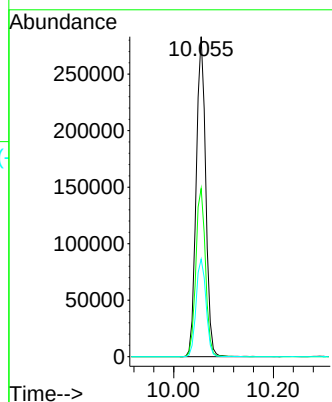
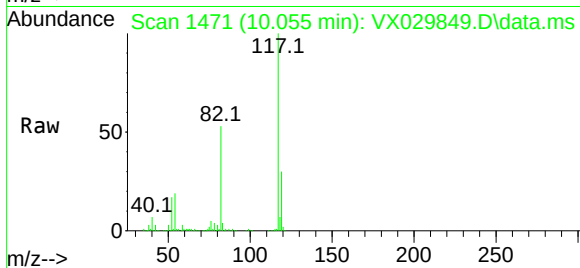




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029849.D
Acq: 29 Jun 2022 09:47

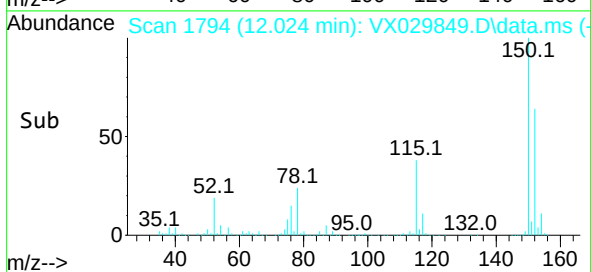
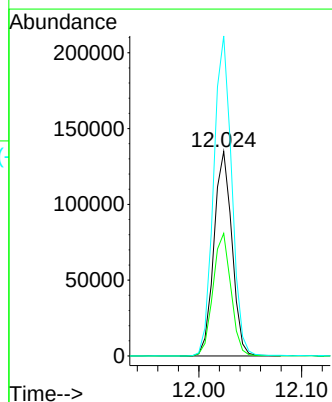
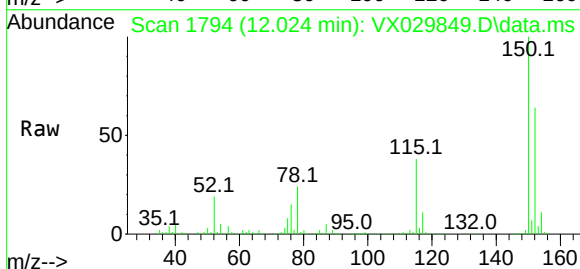
Instrument :
MSVOA_X
ClientSampleId :
VX0629MBL01

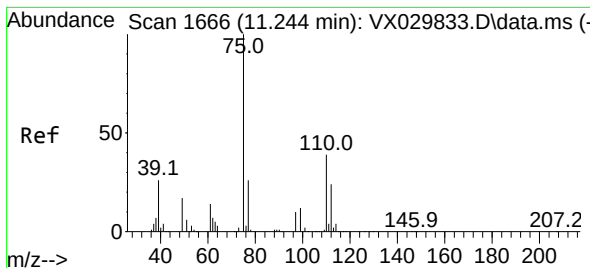
Tgt Ion:117 Resp: 374713
Ion Ratio Lower Upper
117 100
82 52.5 42.7 64.1
119 30.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029849.D
Acq: 29 Jun 2022 09:47

Tgt Ion:152 Resp: 164143
Ion Ratio Lower Upper
152 100
115 59.9 40.5 121.5
150 157.4 0.0 347.0

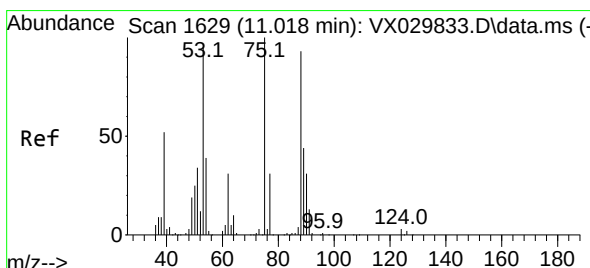
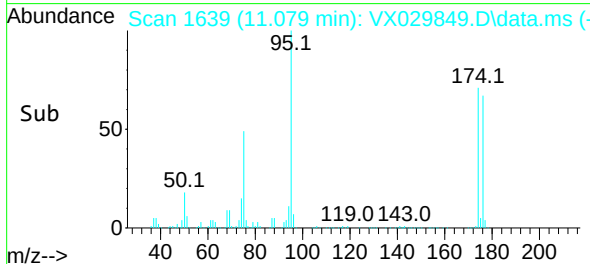
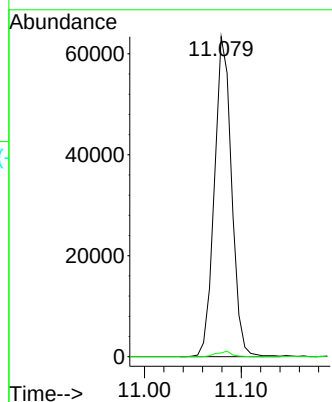
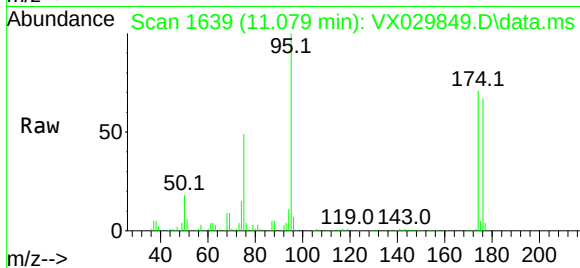




#76
1,2,3-Trichloropropane
Concen: 19.917 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029849.D
Acq: 29 Jun 2022 09:47

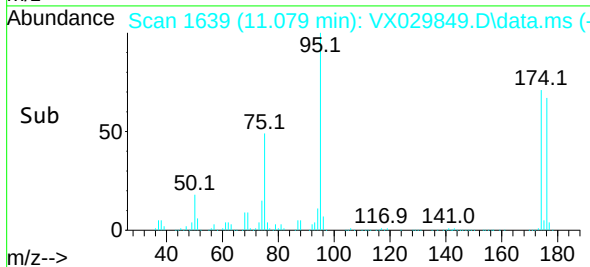
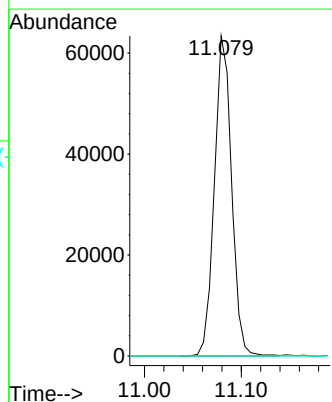
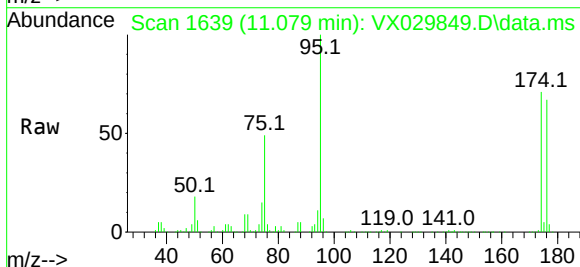
Instrument :
MSVOA_X
ClientSampleId :
VX0629MBL01

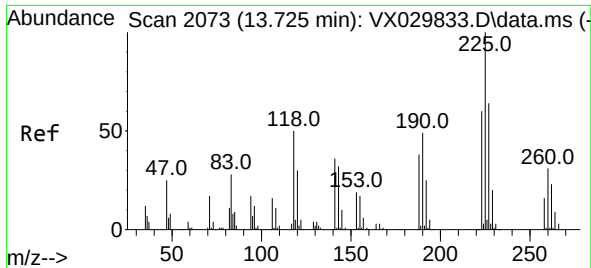
Tgt Ion: 75 Resp: 78260
Ion Ratio Lower Upper
75 100
77 1.5 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.251 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029849.D
Acq: 29 Jun 2022 09:47

Tgt Ion: 75 Resp: 78260
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.8 52.2#





#94
 Hexachlorobutadiene
 Concen: 0.813 ug/l
 RT: 13.731 min Scan# 2074
 Delta R.T. 0.006 min
 Lab File: VX029849.D
 Acq: 29 Jun 2022 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629MBL01

Tgt Ion:	225	Resp:	982
Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.6	91.6
227	60.6	31.9	95.9

