

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100422\
 Data File : VX031863.D
 Acq On : 04 Oct 2022 11:27
 Operator : JC/MD
 Sample : VX1004MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004MBL01

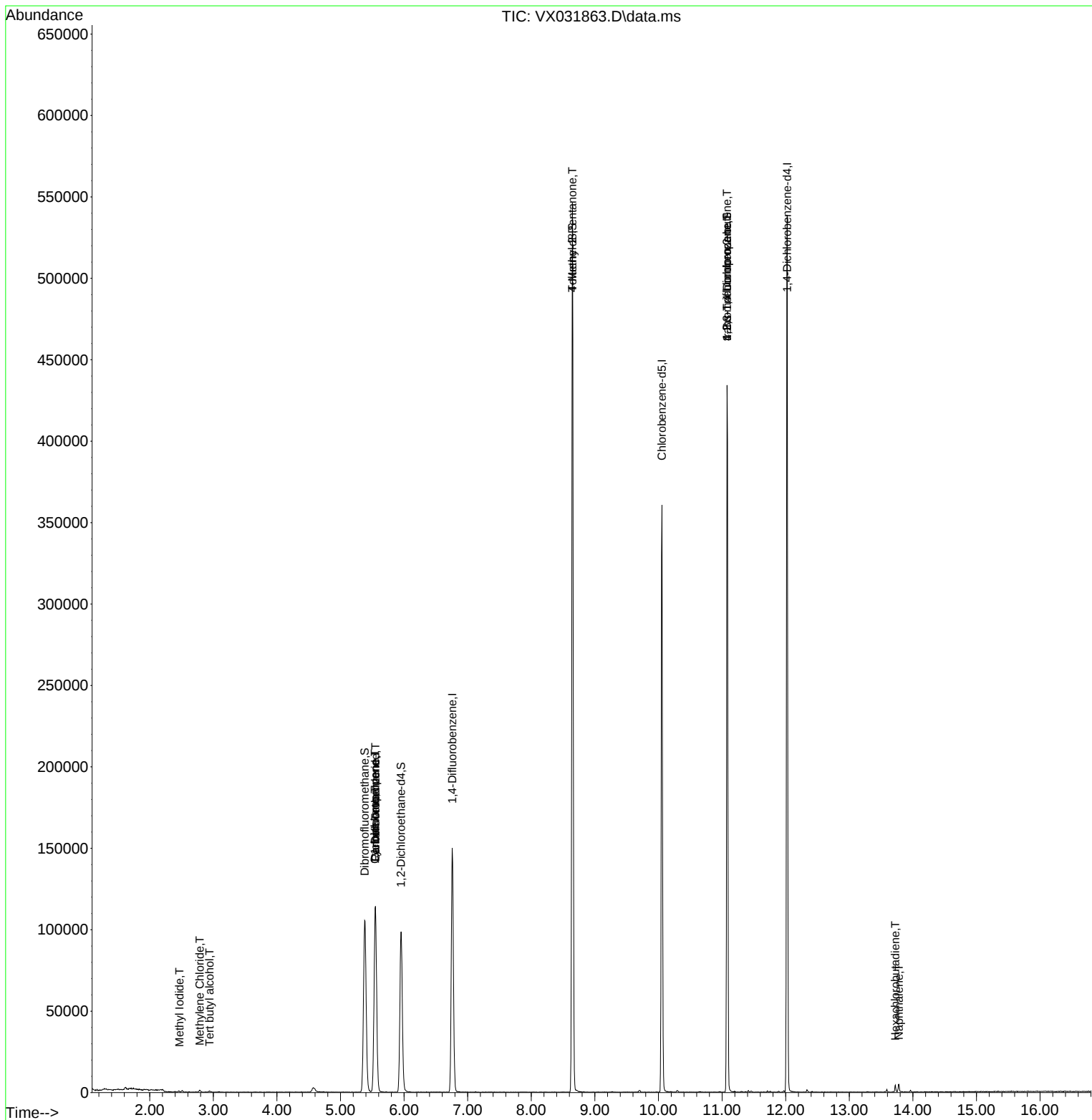
Quant Time: Oct 05 06:18:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

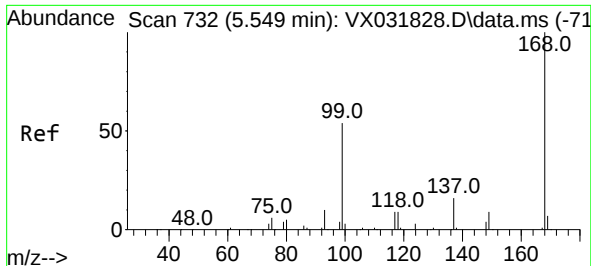
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.549	168	118528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	170152	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181315	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93204	43.892	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.780%
35) Dibromofluoromethane	5.379	113	92199	45.607	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.220%
50) Toluene-d8	8.646	98	335040	46.328	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.660%
62) 4-Bromofluorobenzene	11.079	95	114641	44.020	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.040%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	692	Below Cal		95
6) Chloroethane	1.629	64	48	Below Cal	#	43
10) Methyl Iodide	2.465	142	588	0.347	ug/l #	90
11) Tert butyl alcohol	2.940	59	375	1.268	ug/l #	73
16) Acetone	2.391	43	365	Below Cal	#	45
17) Carbon Disulfide	2.513	76	1098	Below Cal	#	89
20) Methylene Chloride	2.788	84	676	0.364	ug/l #	86
31) Cyclohexane	5.543	56	1821	0.720	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	7470	2.980	ug/l #	52
38) Carbon Tetrachloride	5.549	117	10895	3.501	ug/l #	17
51) 4-Methyl-2-Pentanone	8.646	43	1196	0.621	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54672	24.573	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	54672	84.357	ug/l #	11
94) Hexachlorobutadiene	13.725	225	640	0.590	ug/l	92
95) Naphthalene	13.780	128	4311	0.525	ug/l	98

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

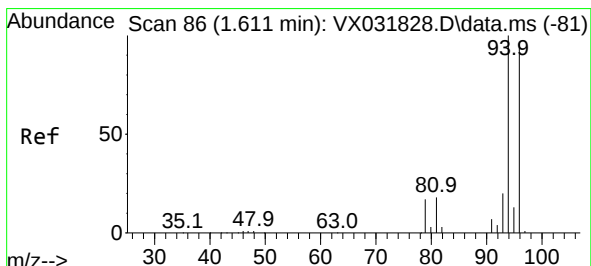
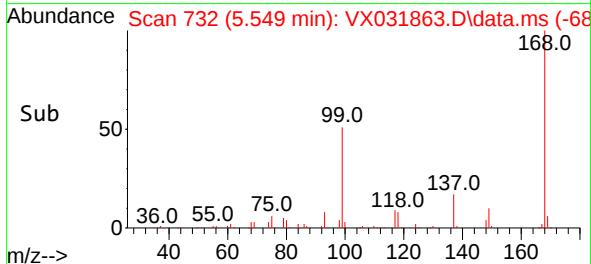
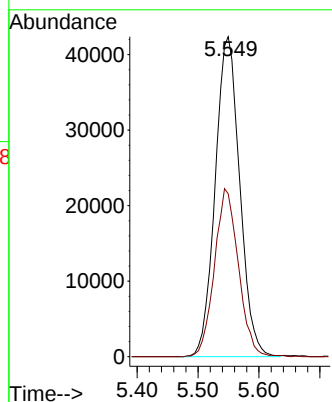
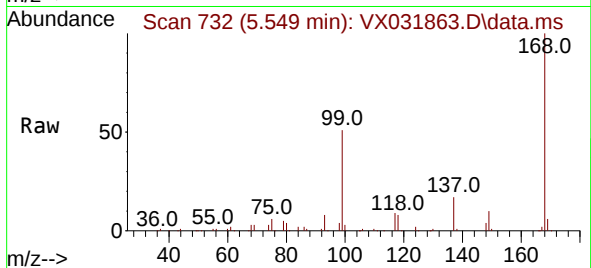




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

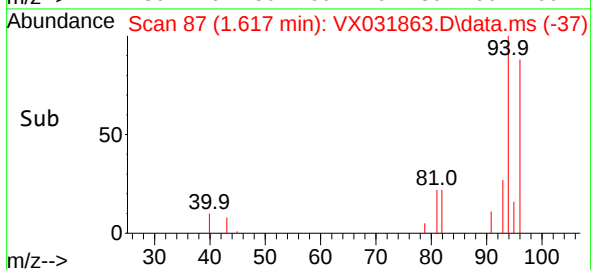
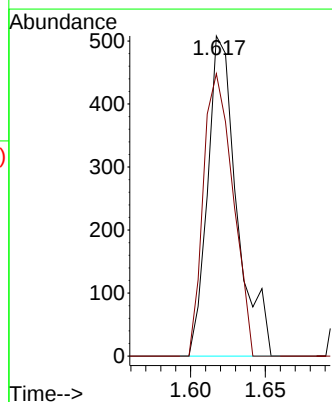
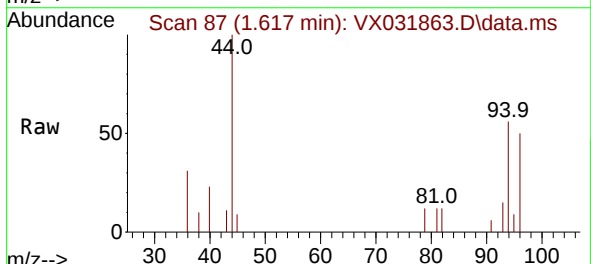
Instrument :
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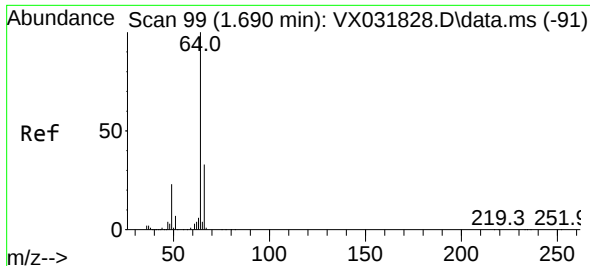
Tgt Ion:168 Resp: 118528
Ion Ratio Lower Upper
168 100
99 50.9 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

Tgt Ion: 94 Resp: 692
Ion Ratio Lower Upper
94 100
96 88.2 74.4 111.6

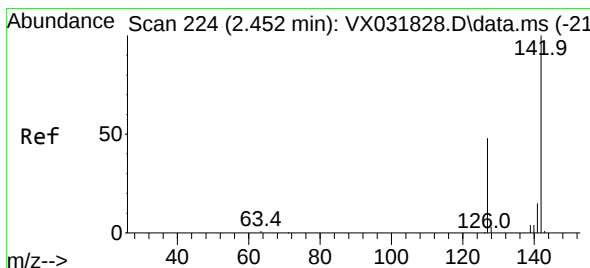
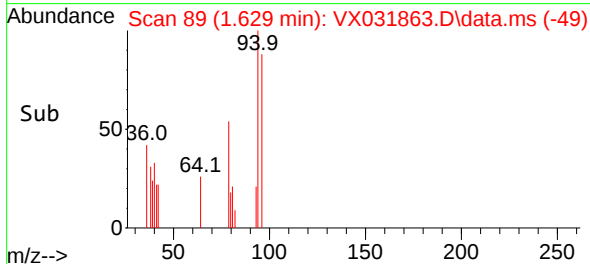
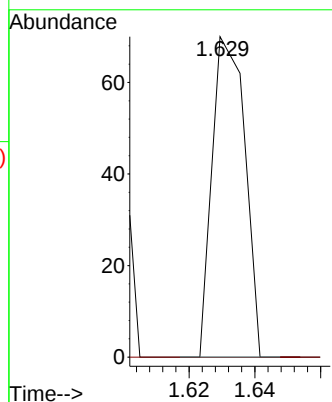
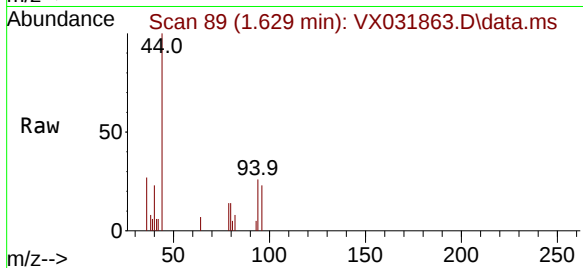




#6
Chloroethane
Concen: Below Cal
RT: 1.629 min Scan# 89
Delta R.T. -0.056 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

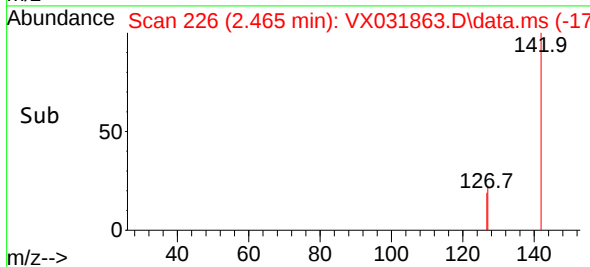
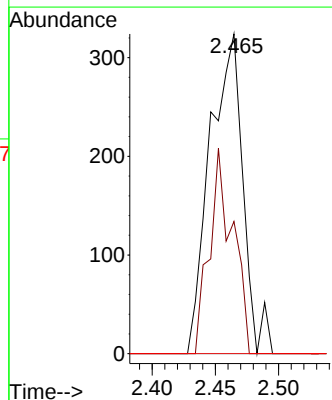
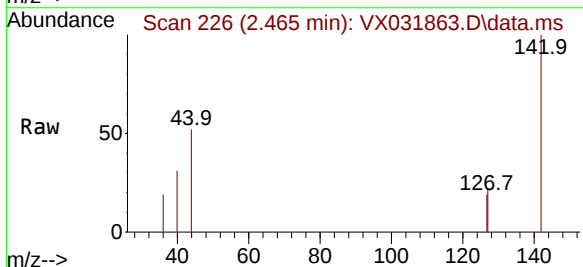
Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

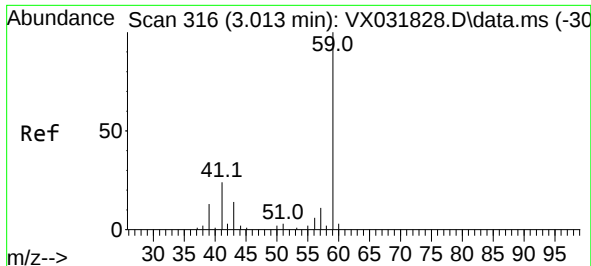
Tgt Ion: 64 Resp: 48
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 0.347 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

Tgt Ion: 142 Resp: 588
Ion Ratio Lower Upper
142 100
127 45.6 37.4 56.0
141 0.0 11.6 17.4#

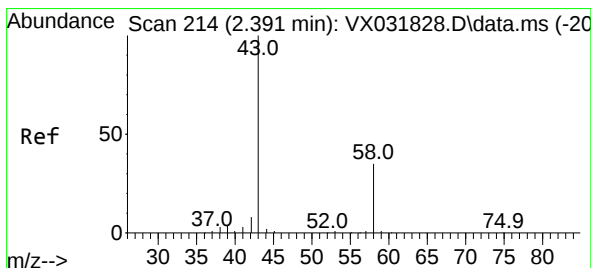
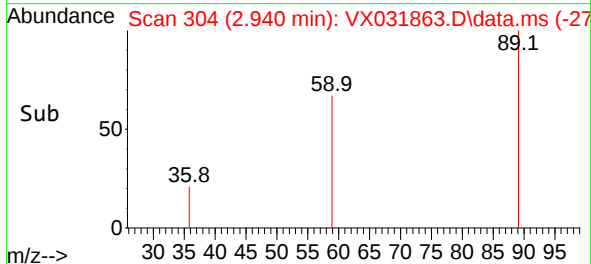
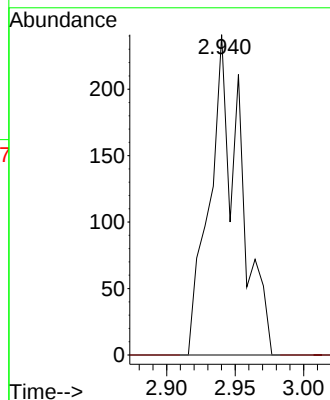
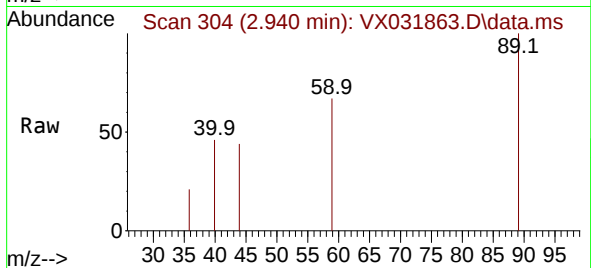




#11
Tert butyl alcohol
Concen: 1.268 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.141 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

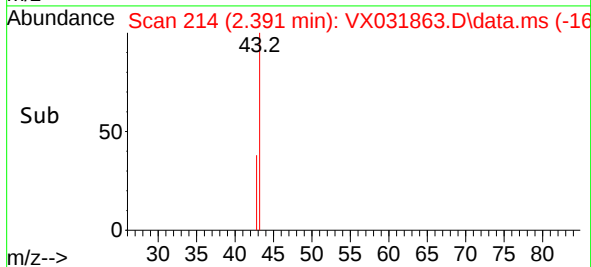
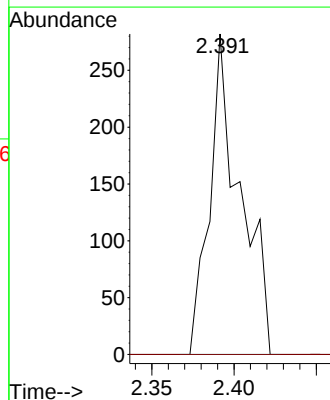
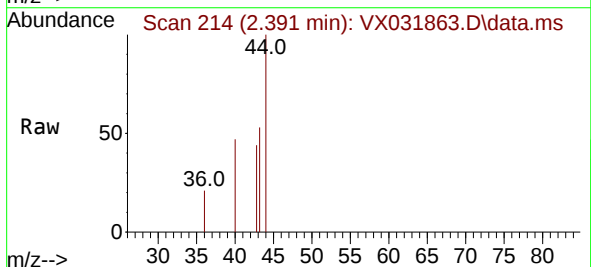
Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

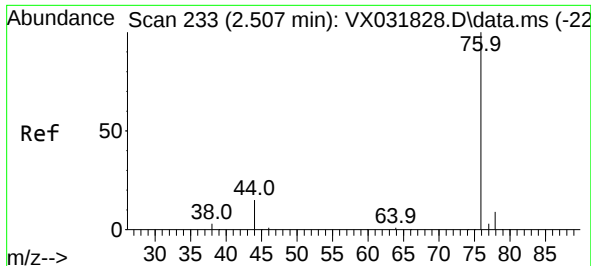
Tgt Ion: 59 Resp: 375
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: Below Cal
RT: 2.391 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

Tgt Ion: 43 Resp: 365
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

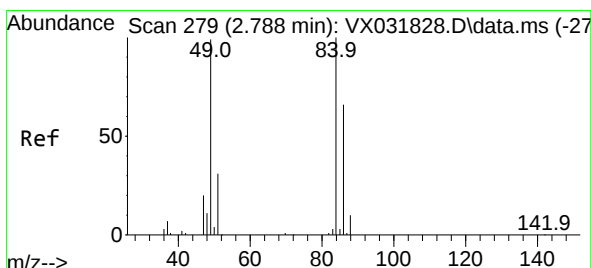
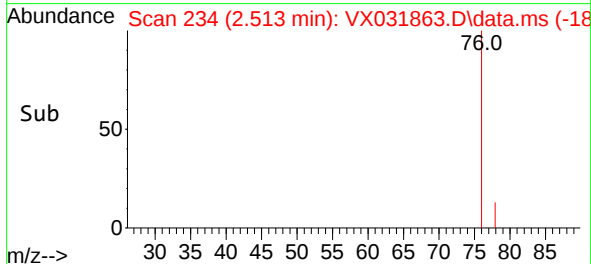
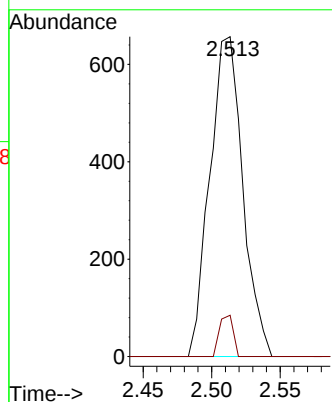
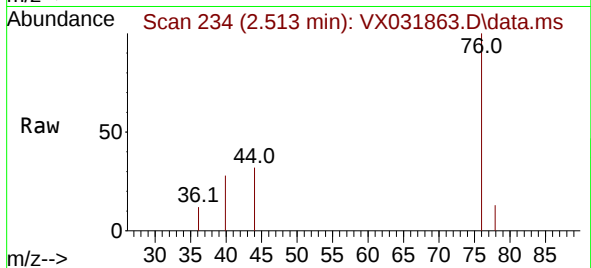




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.513 min Scan# 21
Delta R.T. 0.005 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

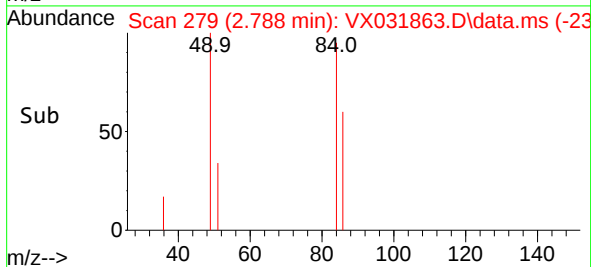
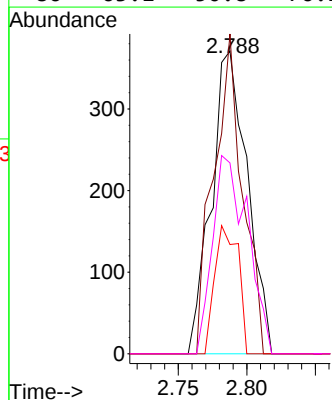
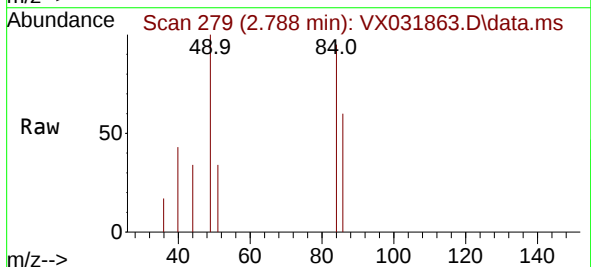
Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

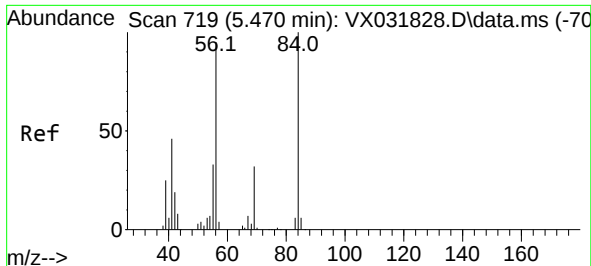
Tgt Ion: 76 Resp: 1098
Ion Ratio Lower Upper
76 100
78 12.9 7.2 10.8#



#20
Methylene Chloride
Concen: 0.364 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

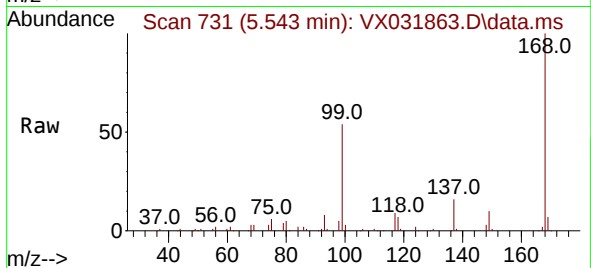
Tgt Ion: 84 Resp: 676
Ion Ratio Lower Upper
84 100
49 105.7 105.9 158.9#
51 36.1 32.2 48.2
86 63.1 50.8 76.2



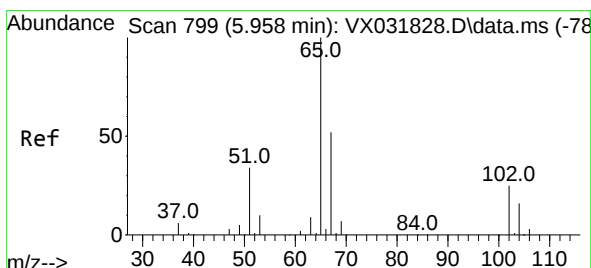
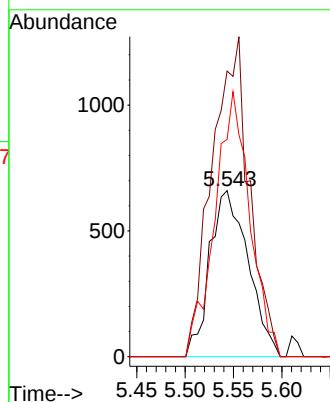
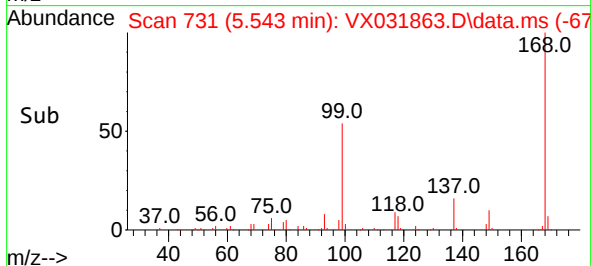


#31
Cyclohexane
Concen: 0.720 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

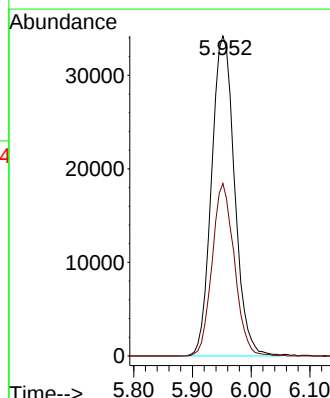
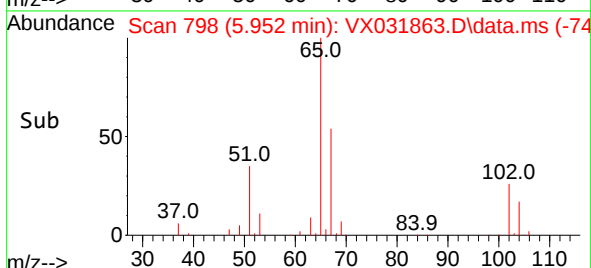
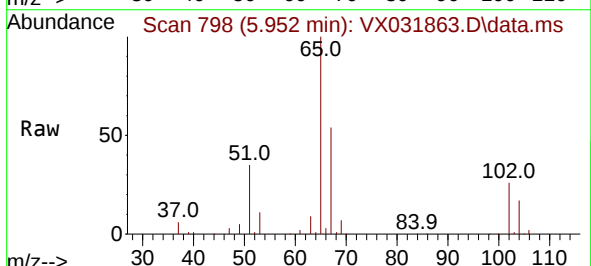


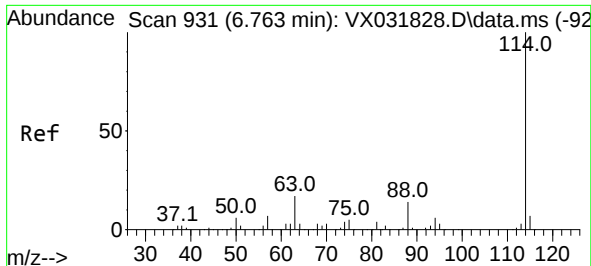
Tgt Ion: 56 Resp: 1821
Ion Ratio Lower Upper
56 100
69 172.0 25.1 37.7#
84 130.9 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 43.892 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

Tgt Ion: 65 Resp: 93204
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.4

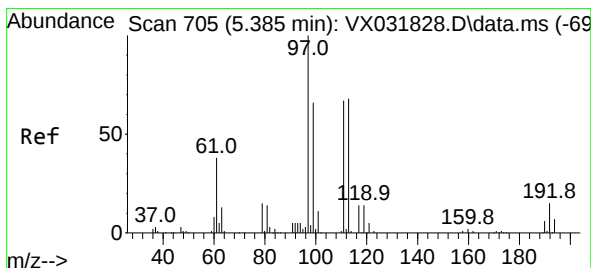
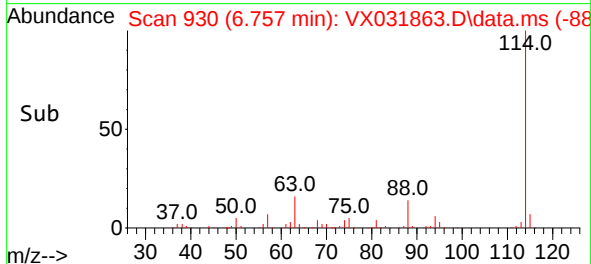
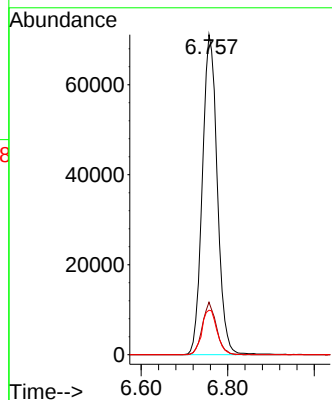
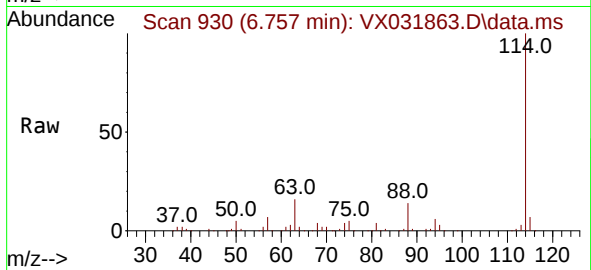




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

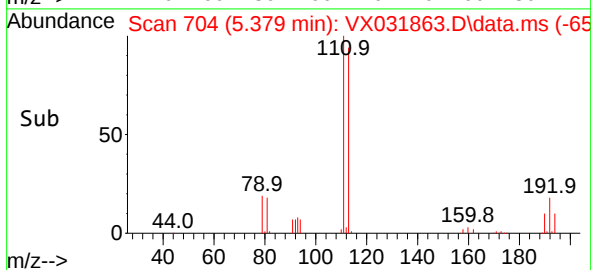
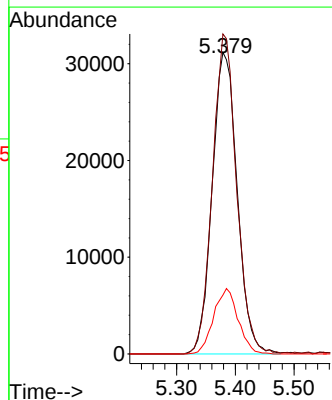
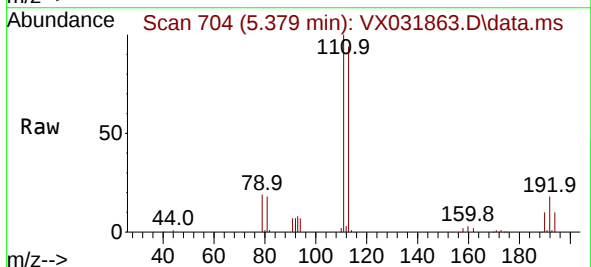
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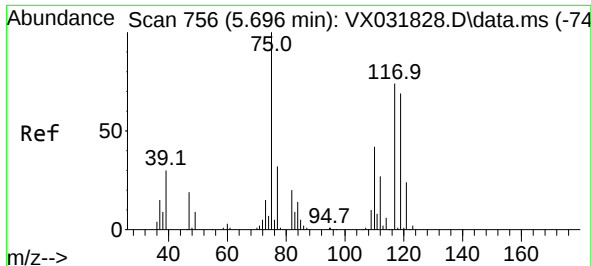
Tgt Ion:114 Resp: 170152
Ion Ratio Lower Upper
114 100
63 16.4 0.0 42.6
88 13.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 45.607 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

Tgt Ion:113 Resp: 92199
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 21.2 14.1 21.1#

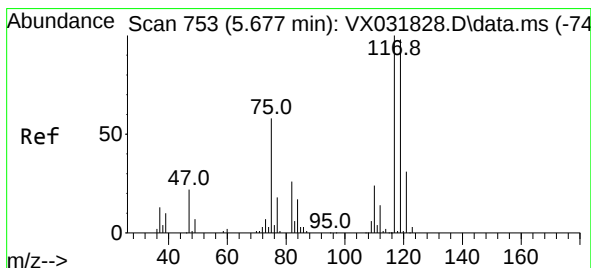
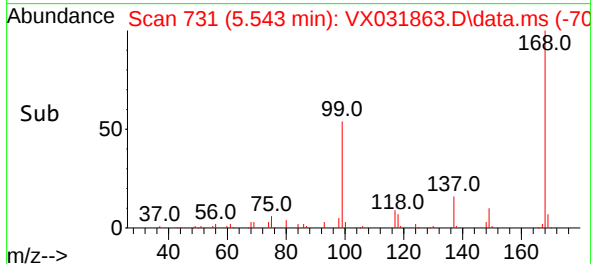
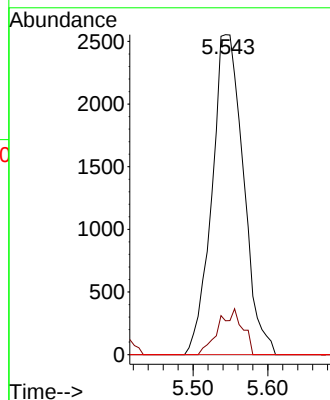
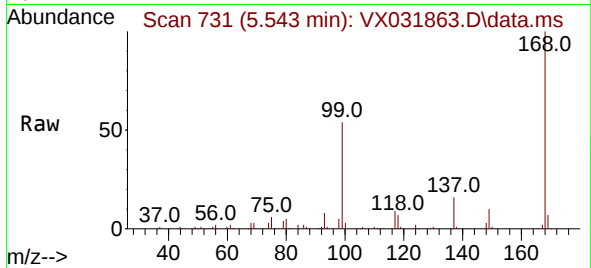




#36
1,1-Dichloropropene
Concen: 2.980 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.153 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

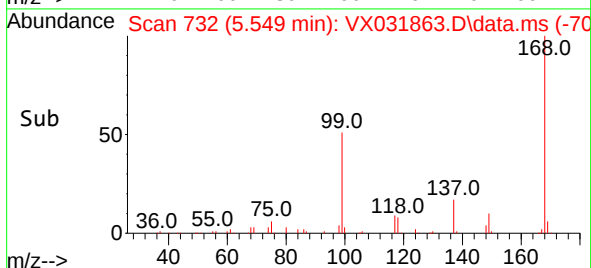
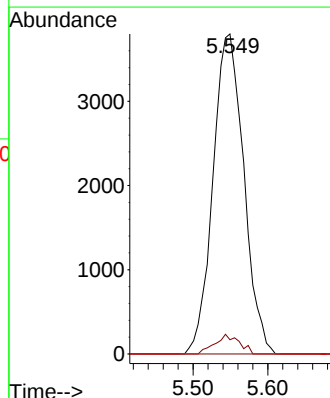
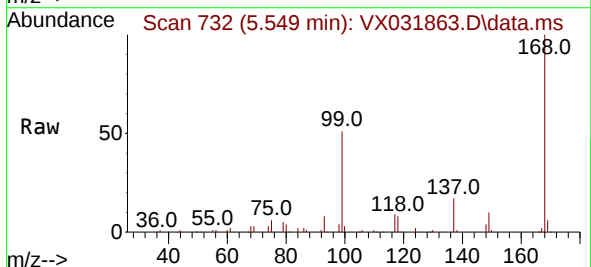
Instrument :
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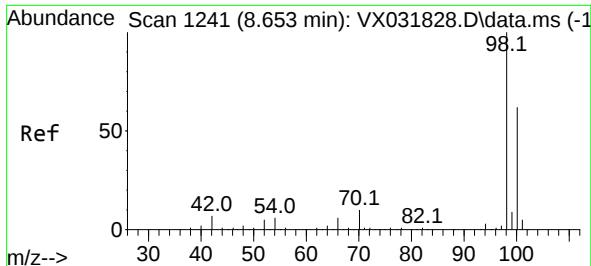
Tgt Ion: 75 Resp: 7470
Ion Ratio Lower Upper
75 100
110 11.0 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.501 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.129 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

Tgt Ion: 117 Resp: 10895
Ion Ratio Lower Upper
117 100
119 4.4 74.6 112.0#
121 0.0 25.3 37.9#

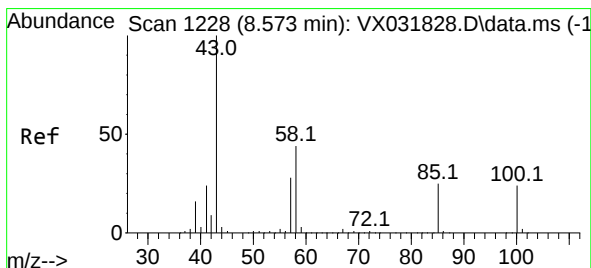
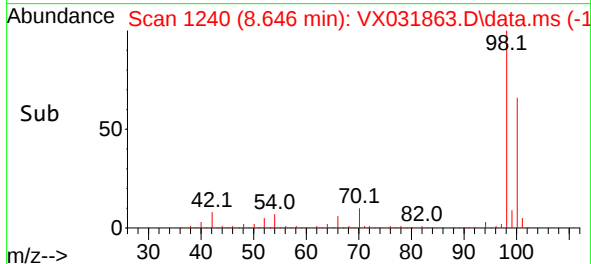
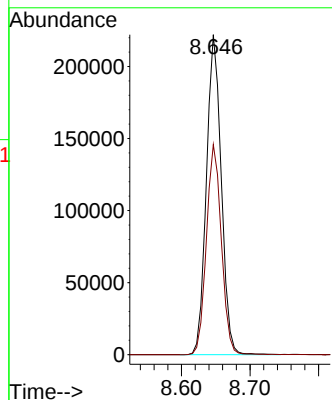
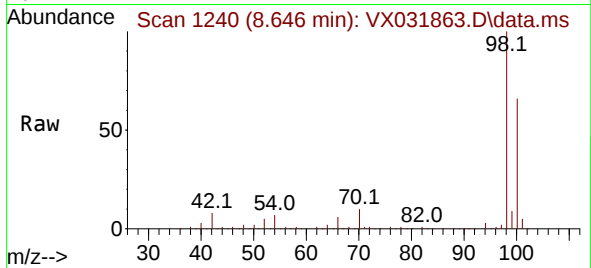




#50
Toluene-d8
Concen: 46.328 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

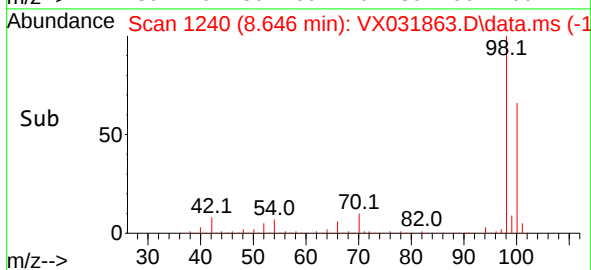
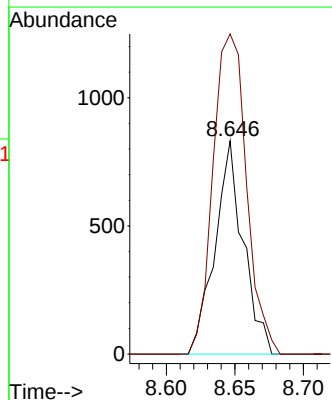
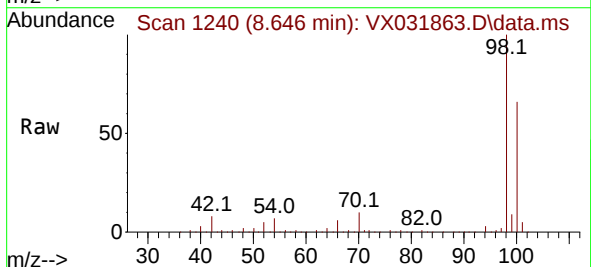
Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

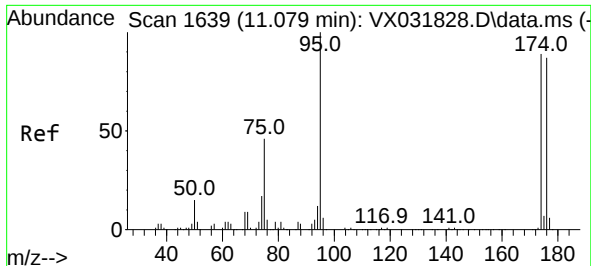
Tgt Ion: 98 Resp: 335040
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.621 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.066 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

Tgt Ion: 43 Resp: 1196
Ion Ratio Lower Upper
43 100
58 177.6 30.6 46.0#

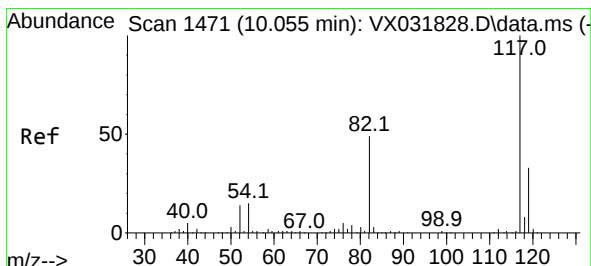
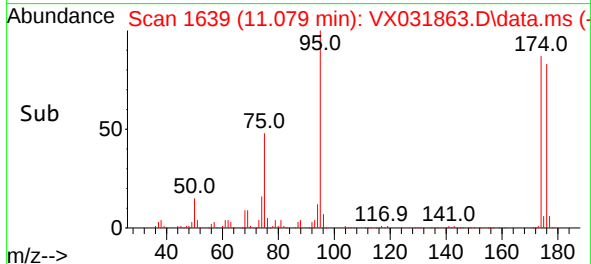
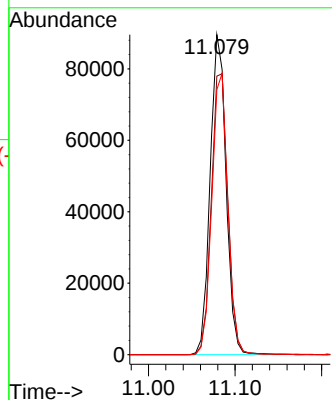
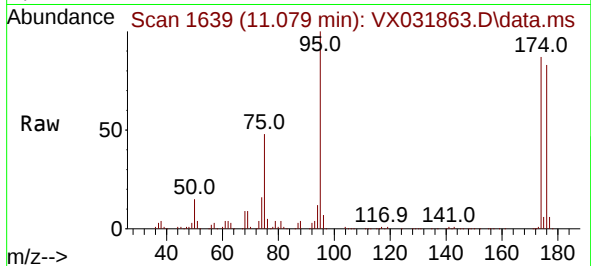




#62
4-Bromofluorobenzene
Concen: 44.020 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

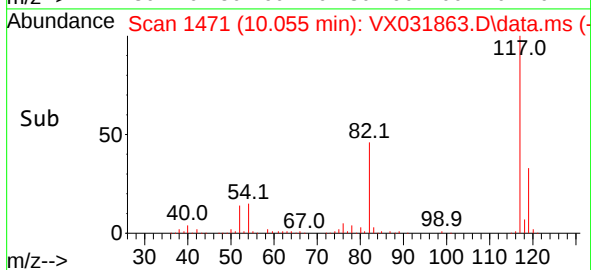
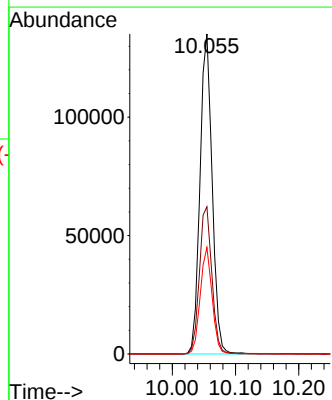
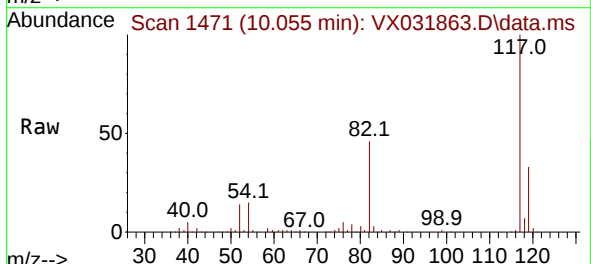
Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

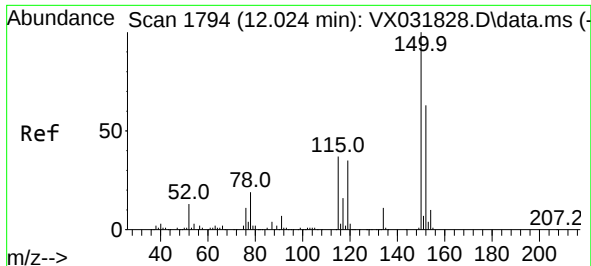
Tgt Ion: 95 Resp: 114641
Ion Ratio Lower Upper
95 100
174 91.2 0.0 153.2
176 88.3 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

Tgt Ion: 117 Resp: 181315
Ion Ratio Lower Upper
117 100
82 46.0 46.8 70.2#
119 33.3 26.4 39.6

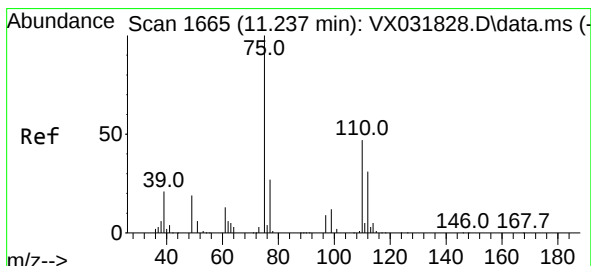
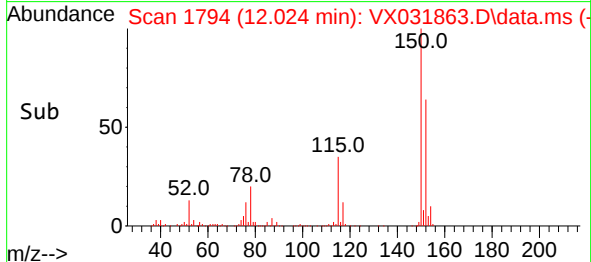
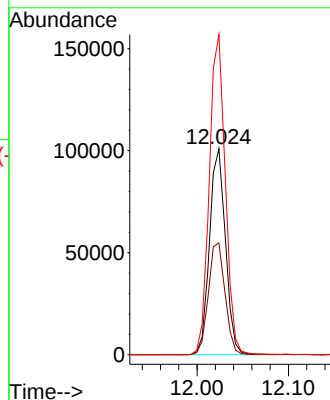
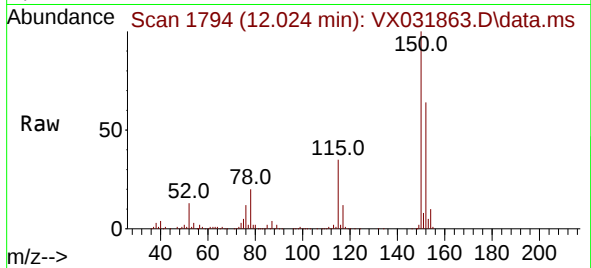




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

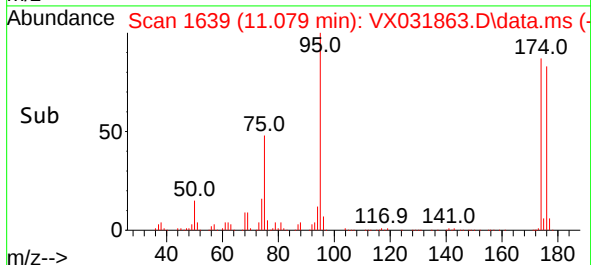
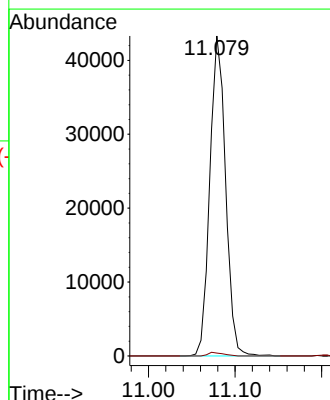
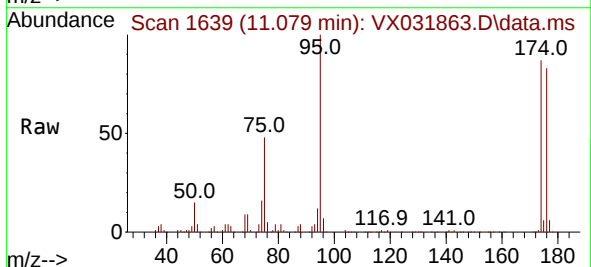
Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

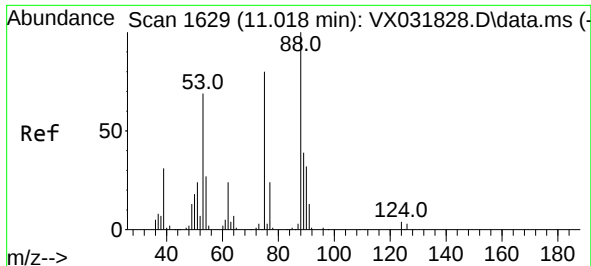
Tgt Ion:152 Resp: 122284
Ion Ratio Lower Upper
152 100
115 56.6 43.4 130.1
150 156.3 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 24.573 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

Tgt Ion: 75 Resp: 54672
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#

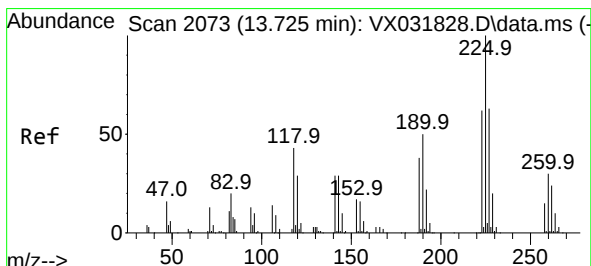
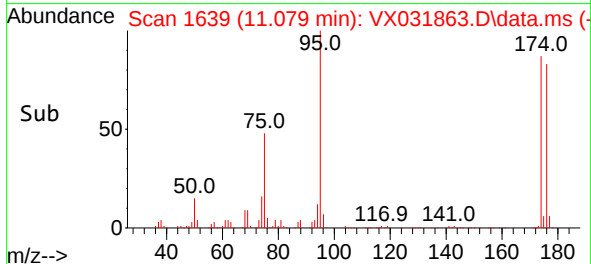
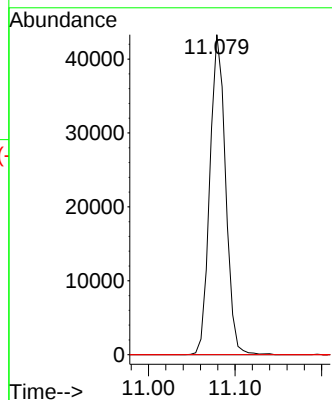
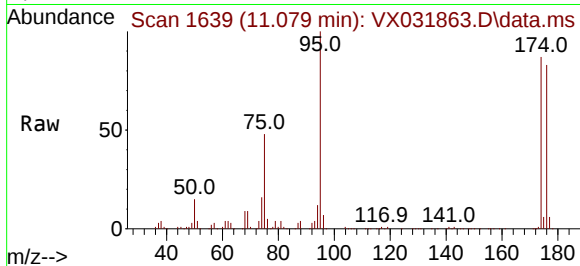




#81
trans-1,4-Dichloro-2-butene
Concen: 84.357 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

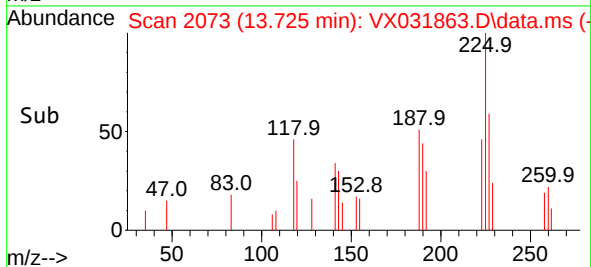
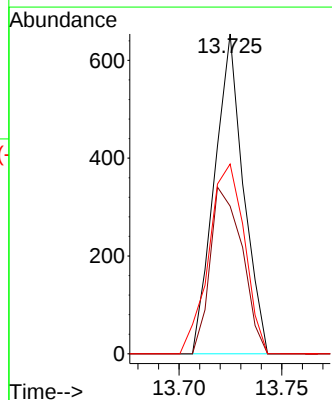
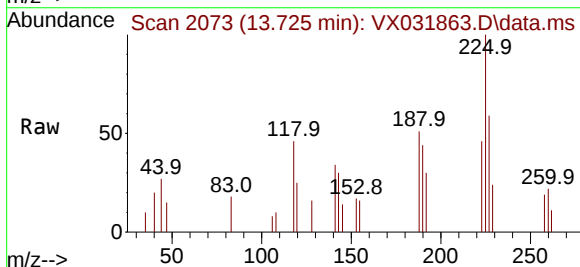
Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01

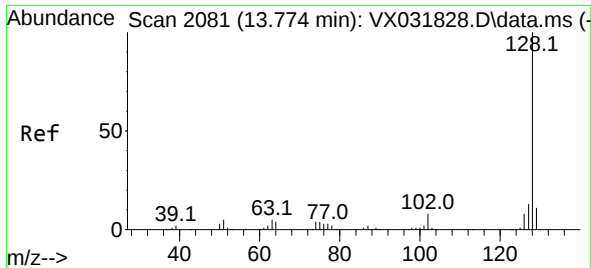
Tgt Ion: 75 Resp: 54672
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



#94
Hexachlorobutadiene
Concen: 0.590 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

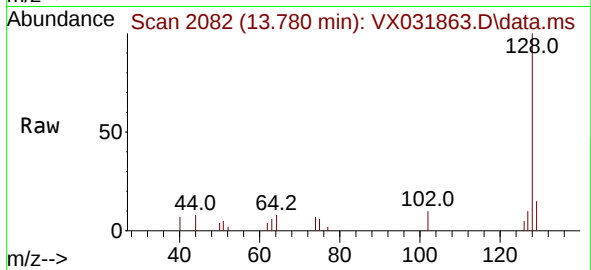
Tgt Ion: 225 Resp: 640
Ion Ratio Lower Upper
225 100
223 57.7 30.8 92.4
227 73.1 32.3 96.9





#95
Naphthalene
Concen: 0.525 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031863.D
Acq: 04 Oct 2022 11:27

Instrument :
MSVOA_X
ClientSampleId :
VX1004MBL01



Tgt Ion:128 Resp: 4311
Ion Ratio Lower Upper
128 100
127 12.0 10.4 15.6
129 11.2 8.8 13.2

