

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050922\
 Data File : VX028563.D
 Acq On : 09 May 2022 11:25
 Operator : JC/MD
 Sample : VX0509MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509MBL01

Quant Time: May 09 15:49:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

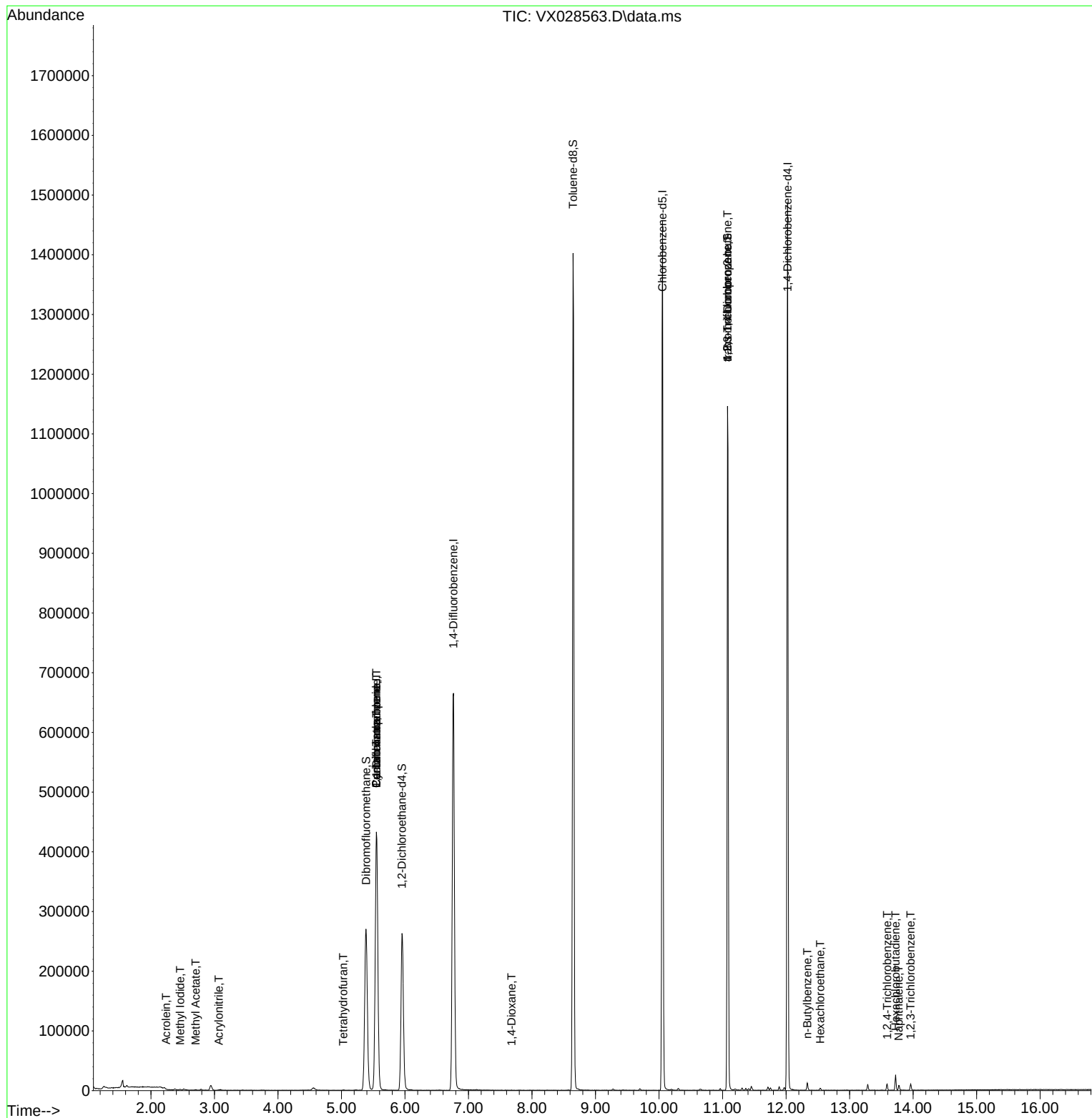
Internal Standards						
1) Pentafluorobenzene	5.550	168	437346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	728327	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	676964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	312472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	249258	43.710	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.420%		
35) Dibromofluoromethane	5.385	113	236923	46.385	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.780%		
50) Toluene-d8	8.647	98	850349	43.346	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	86.700%		
62) 4-Bromofluorobenzene	11.079	95	299388	39.913	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	79.820%		
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	518	Below Cal		93
5) Bromomethane	1.624	94	1412	Below Cal		98
6) Chloroethane	1.697	64	1190	Below Cal	#	43
8) Diethyl Ether	2.136	74	50	Below Cal	#	1
10) Methyl Iodide	2.459	142	1346	5.483	ug/l	97
11) Tert butyl alcohol	2.947	59	4578	Below Cal	#	77
13) Acrolein	2.239	56	289	0.414	ug/l	85
15) Acrylonitrile	3.069	53	489	0.210	ug/l	97
16) Acetone	2.374	43	1715	Below Cal		99
18) Methyl Acetate	2.703	43	1092	0.215	ug/l	# 83
29) Tetrahydrofuran	5.026	42	531	0.241	ug/l	# 40
31) Cyclohexane	5.550	56	8054	1.159	ug/l	# 11
36) 1,1-Dichloropropene	5.550	75	30831	4.628	ug/l	# 49
38) Carbon Tetrachloride	5.550	117	42933	5.708	ug/l	# 15
49) 1,4-Dioxane	7.678	88	46	0.340	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	147299	23.952	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	147299	71.180	ug/l	# 15
89) n-Butylbenzene	12.335	91	3354	0.211	ug/l	97
90) Hexachloroethane	12.536	117	490	1.949	ug/l	100
93) 1,2,4-Trichlorobenzene	13.591	180	2612	0.421	ug/l	94
94) Hexachlorobutadiene	13.725	225	3681	1.328	ug/l	86
95) Naphthalene	13.774	128	5877	0.284	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2889	0.474	ug/l	93

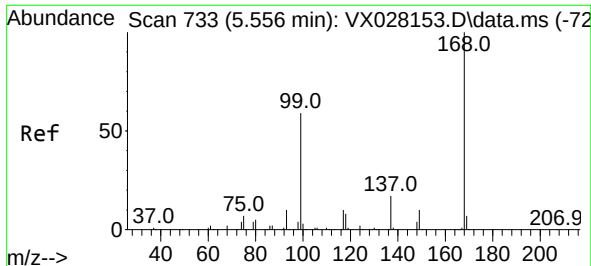
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050922\
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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: May 09 15:49:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

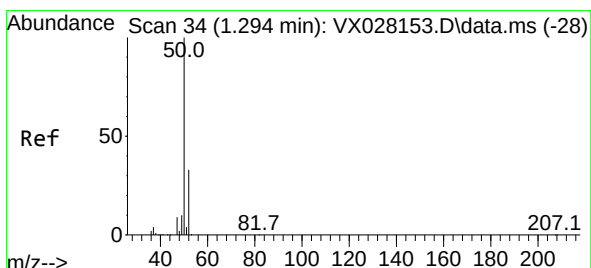
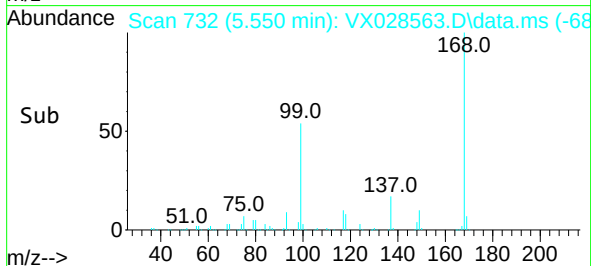
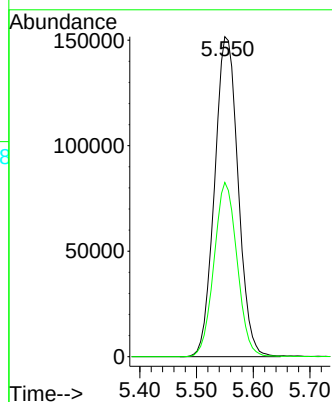
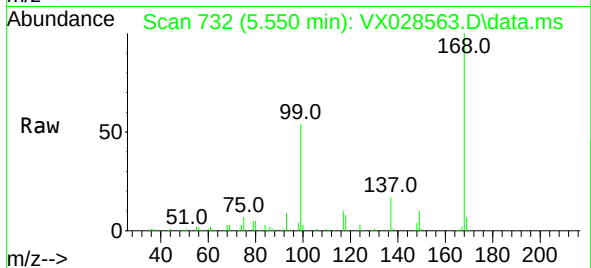




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

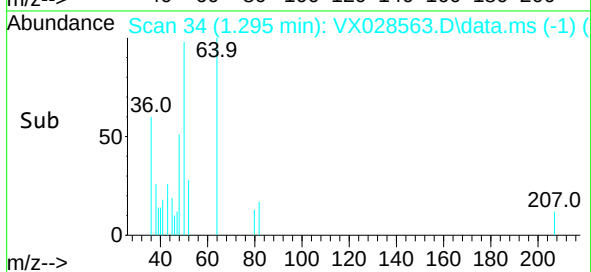
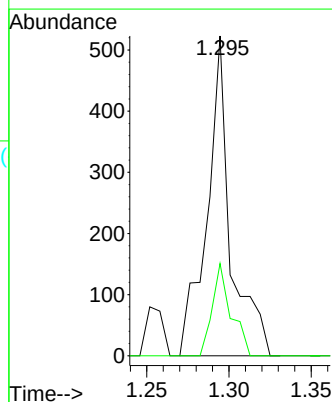
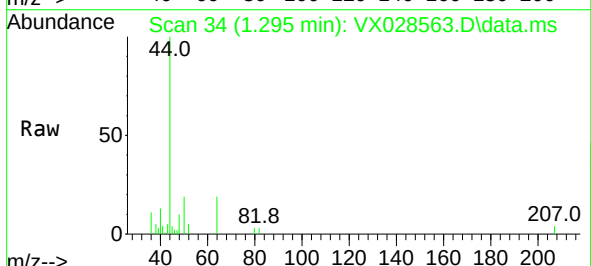
Instrument :
MSVOA_X
ClientSampleId :
VX0509MBL01

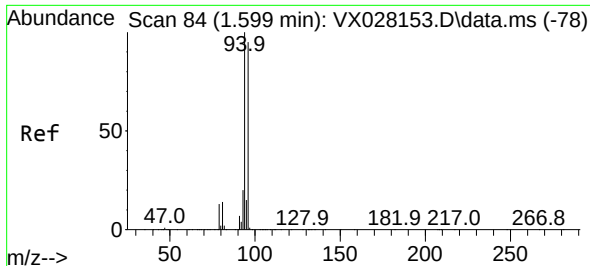
Tgt Ion:168 Resp: 437346
Ion Ratio Lower Upper
168 100
99 54.5 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

Tgt Ion: 50 Resp: 518
Ion Ratio Lower Upper
50 100
52 28.9 26.4 39.6

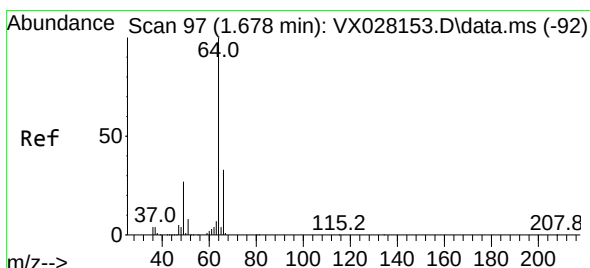
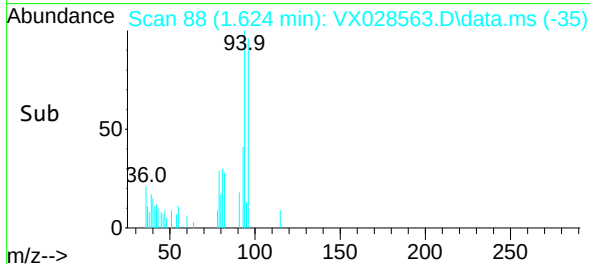
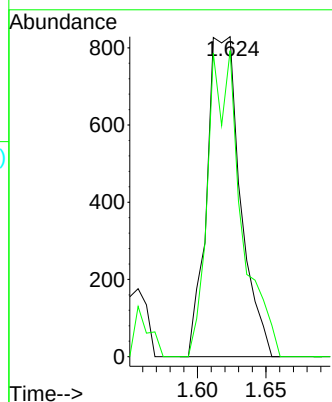
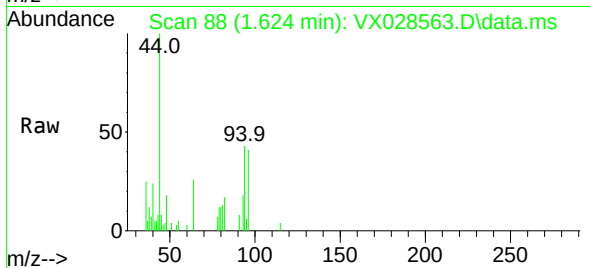




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 84
Delta R.T. 0.025 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

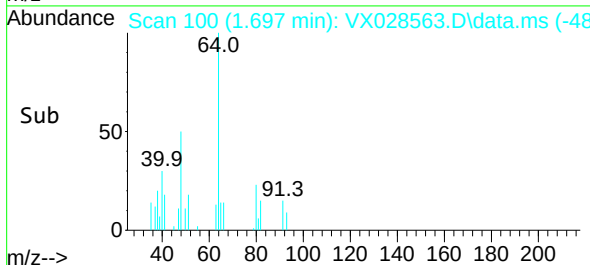
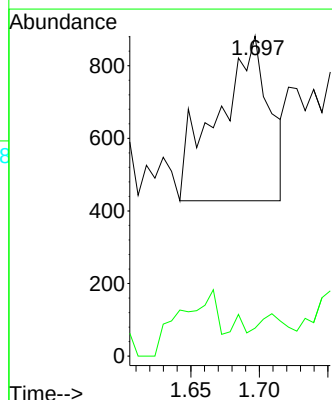
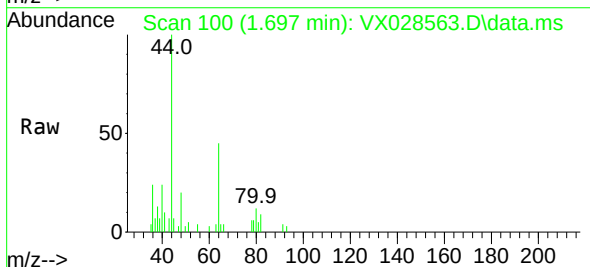
Instrument :
MSVOA_X
ClientSampleId :
VX0509MBL01

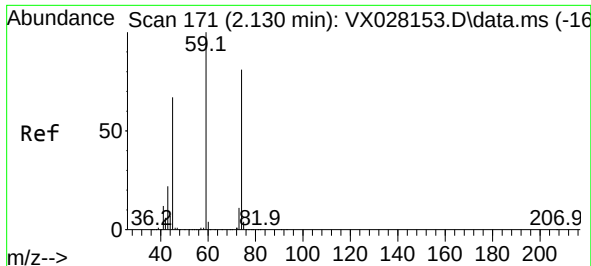
Tgt Ion: 94 Resp: 1412
Ion Ratio Lower Upper
94 100
96 95.7 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

Tgt Ion: 64 Resp: 1190
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

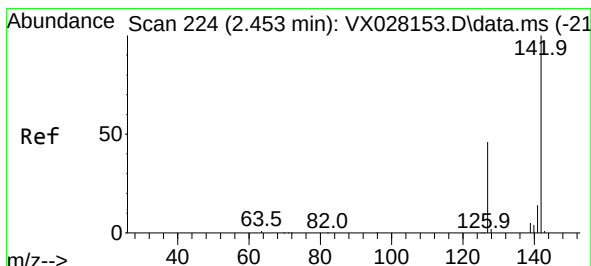
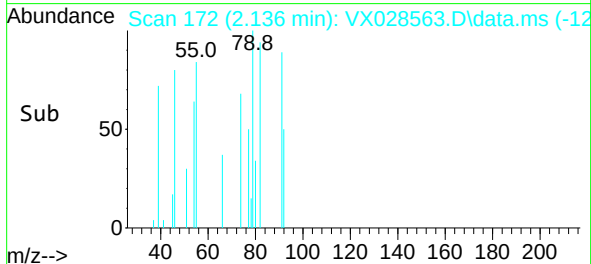
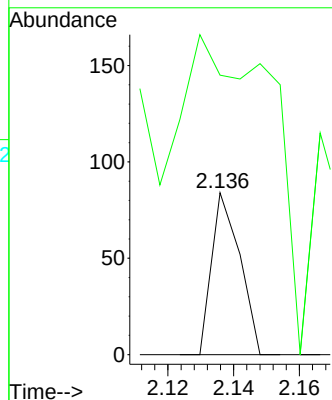
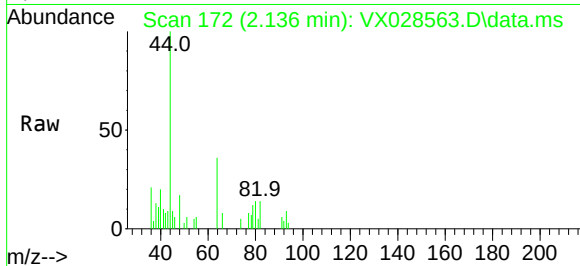




#8
Diethyl Ether
Concen: Below Cal
RT: 2.136 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

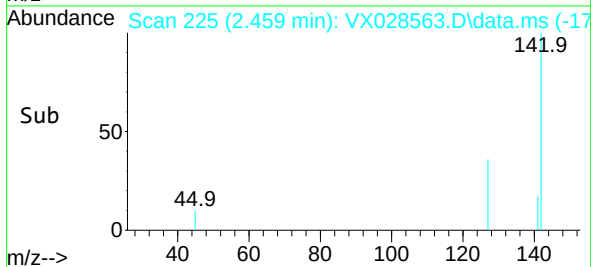
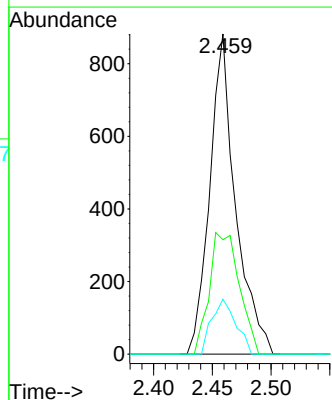
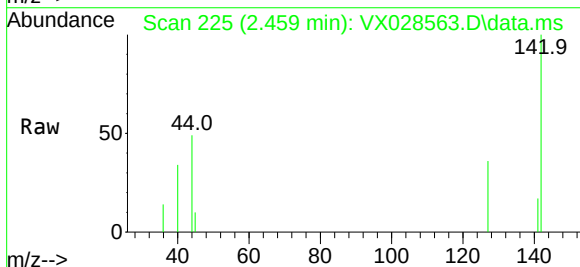
Instrument :
MSVOA_X
ClientSampleId :
VX0509MBL01

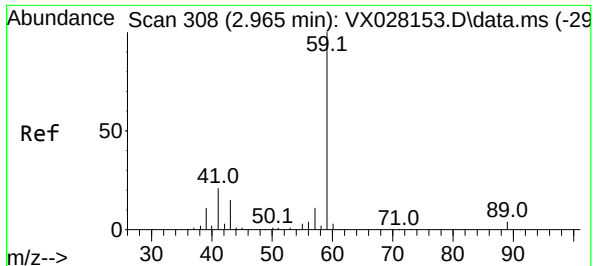
Tgt Ion: 74 Resp: 50
Ion Ratio Lower Upper
74 100
45 634.0 42.0 126.0#



#10
Methyl Iodide
Concen: 5.483 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

Tgt Ion: 142 Resp: 1346
Ion Ratio Lower Upper
142 100
127 44.1 33.9 50.9
141 16.0 11.4 17.2

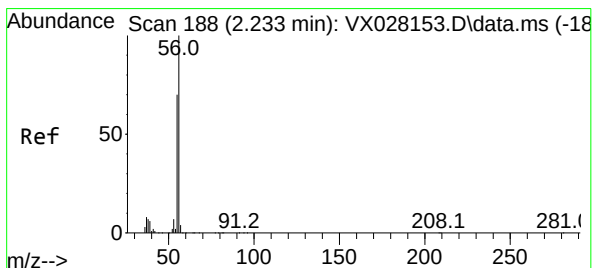
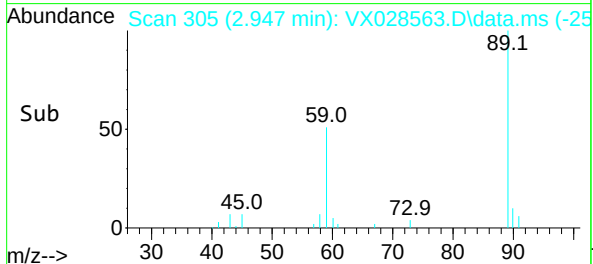
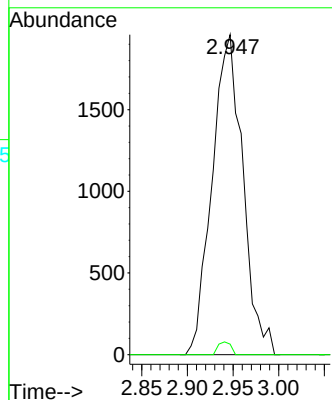
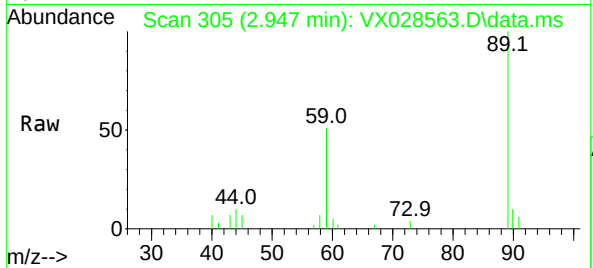




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

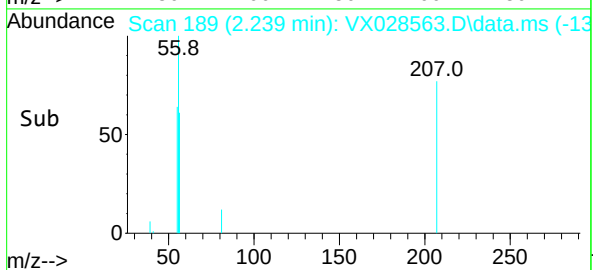
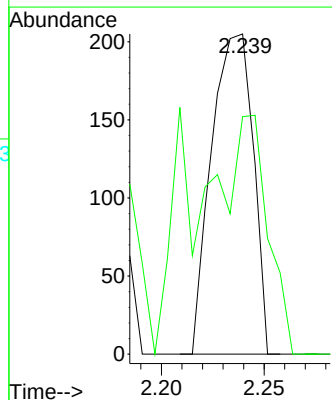
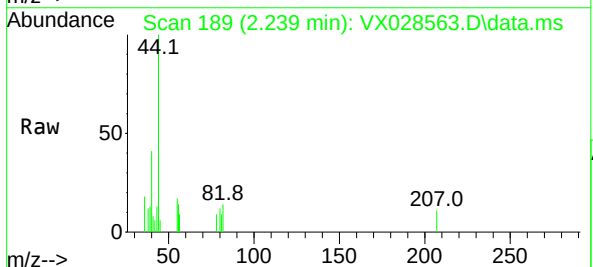
Instrument :
MSVOA_X
ClientSampleId :
VX0509MBL01

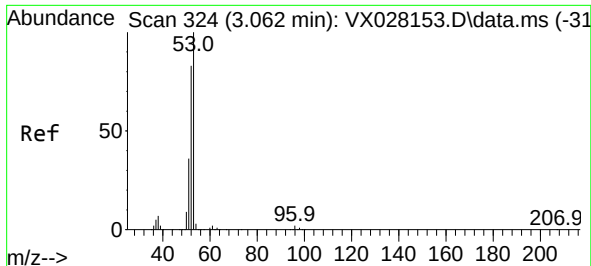
Tgt Ion: 59 Resp: 4578
Ion Ratio Lower Upper
59 100
57 1.6 8.3 12.5#



#13
Acrolein
Concen: 0.414 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

Tgt Ion: 56 Resp: 289
Ion Ratio Lower Upper
56 100
55 80.6 55.0 82.6

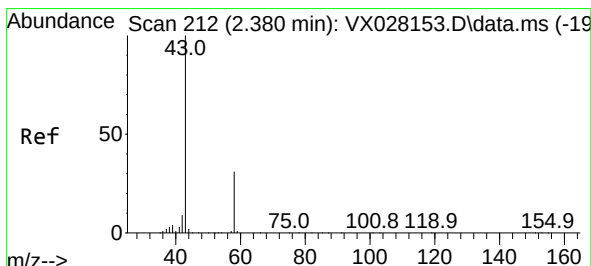
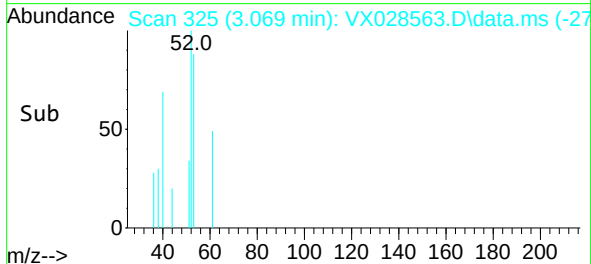
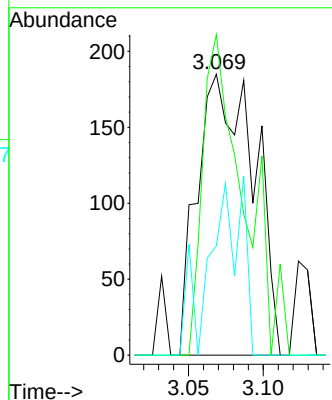
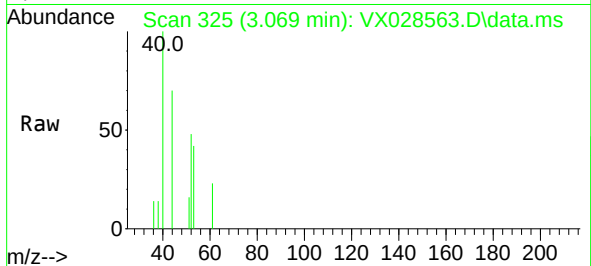




#15
Acrylonitrile
Concen: 0.210 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

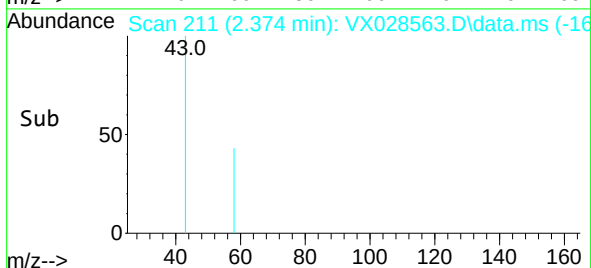
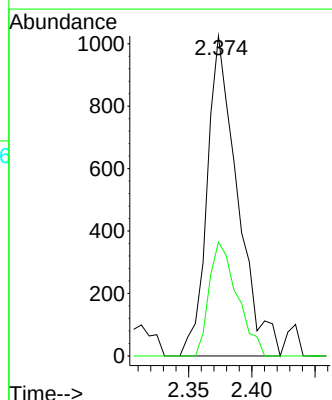
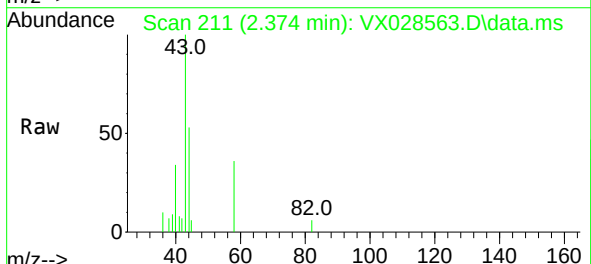
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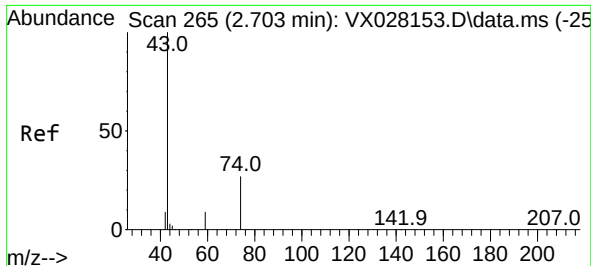
Tgt Ion: 53 Resp: 489
Ion Ratio Lower Upper
53 100
52 83.0 65.7 98.5
51 31.3 28.4 42.6



#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

Tgt Ion: 43 Resp: 1715
Ion Ratio Lower Upper
43 100
58 35.6 28.8 43.2

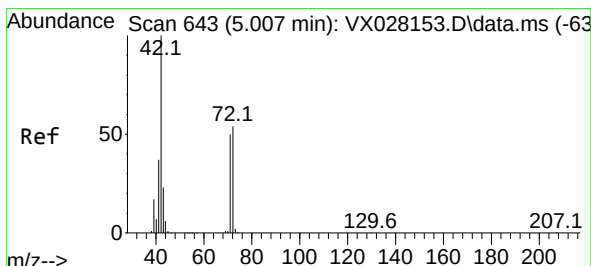
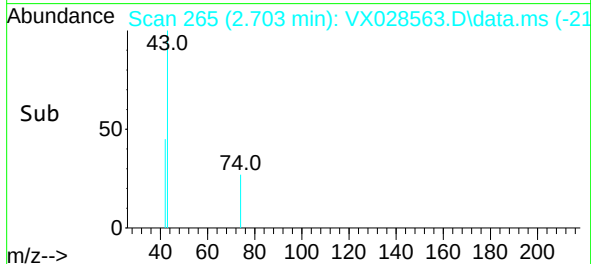
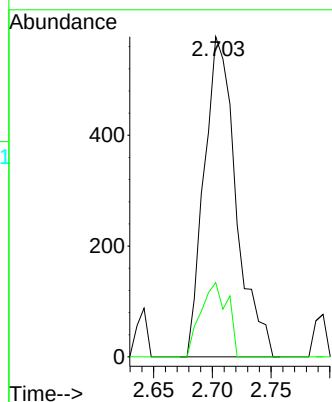
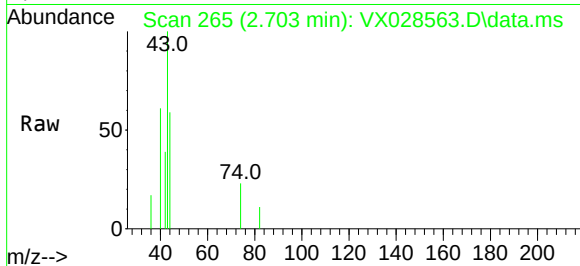




#18
Methyl Acetate
Concen: 0.215 ug/l
RT: 2.703 min Scan# 209
Delta R.T. -0.000 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

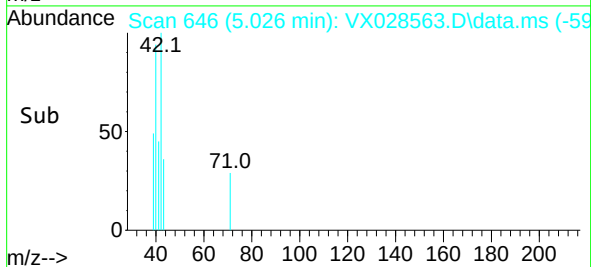
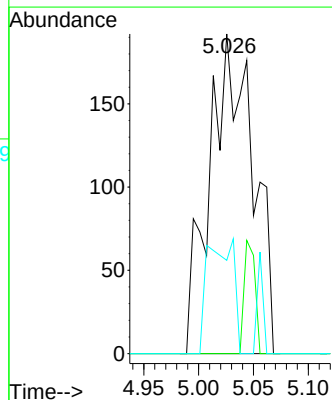
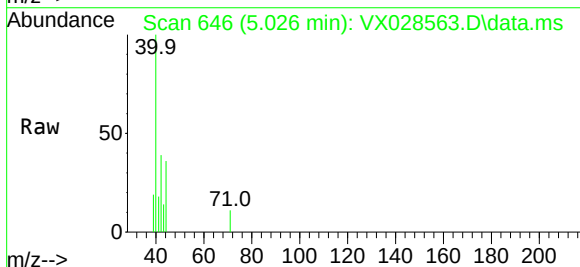
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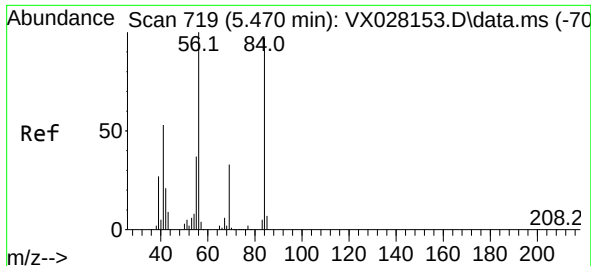
Tgt Ion: 43 Resp: 1092
Ion Ratio Lower Upper
43 100
74 19.5 22.8 34.2#



#29
Tetrahydrofuran
Concen: 0.241 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.019 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

Tgt Ion: 42 Resp: 531
Ion Ratio Lower Upper
42 100
72 0.0 44.1 66.1#
71 21.5 40.5 60.7#

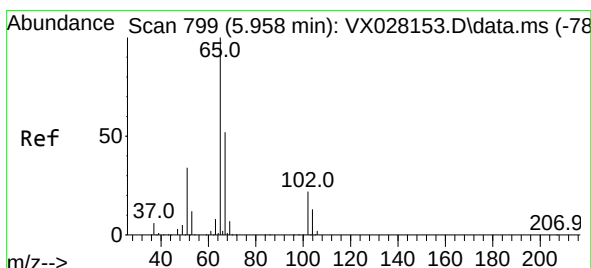
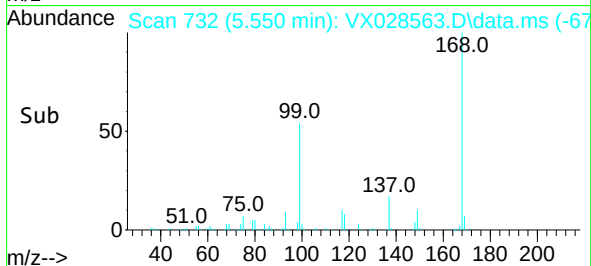
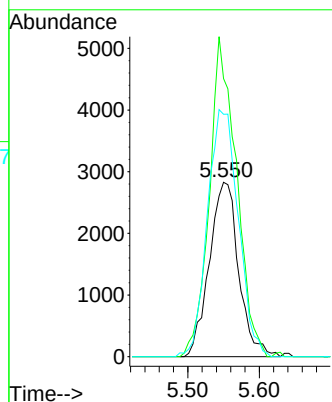
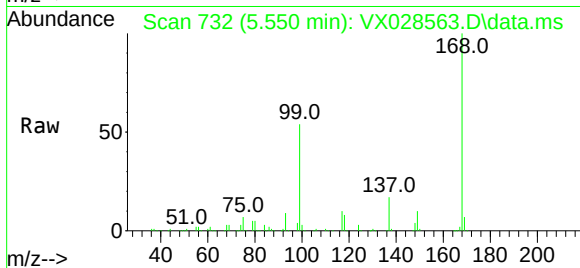




#31
Cyclohexane
Concen: 1.159 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

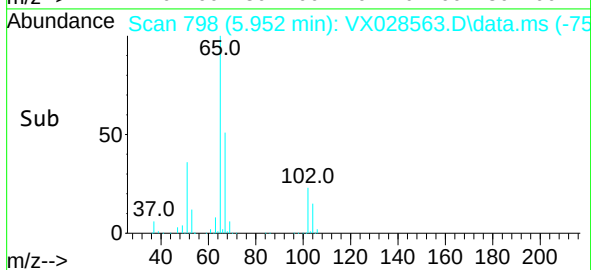
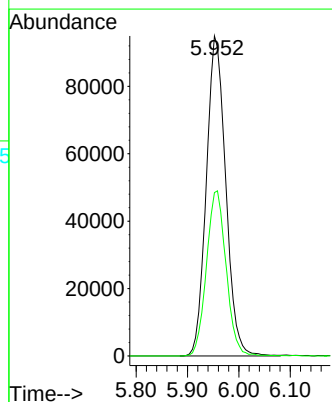
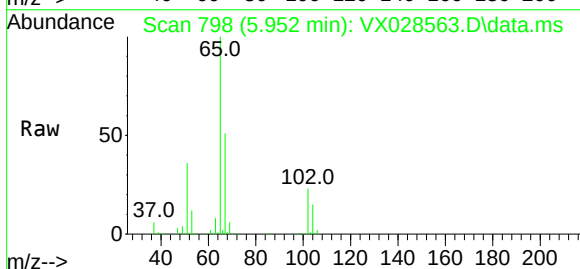
Instrument :
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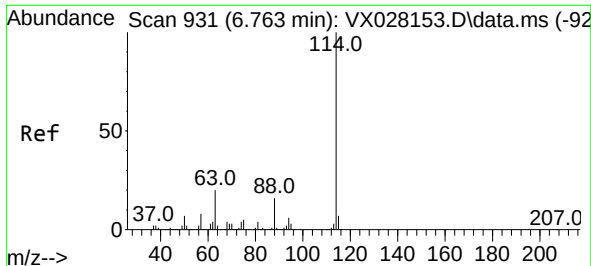
Tgt Ion: 56 Resp: 8054
Ion Ratio Lower Upper
56 100
69 159.5 26.7 40.1#
84 139.0 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 43.710 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

Tgt Ion: 65 Resp: 249258
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.4

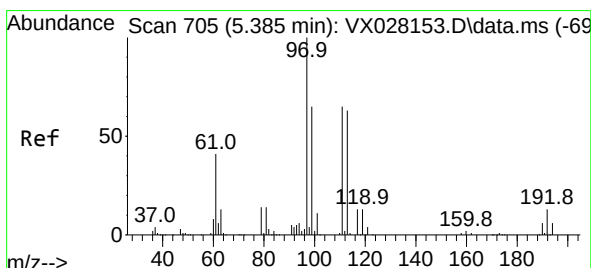
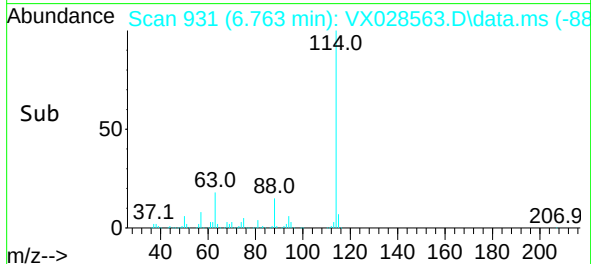
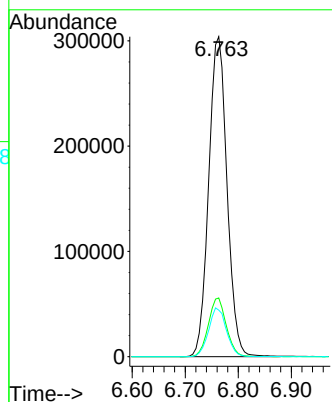
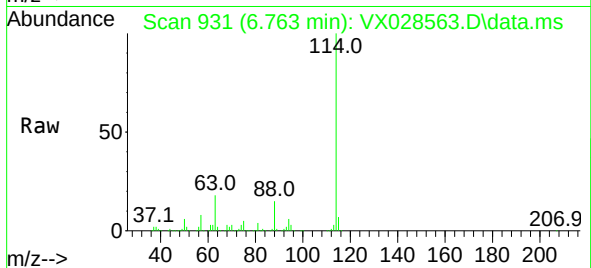




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

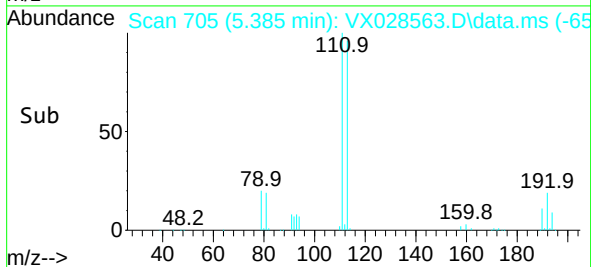
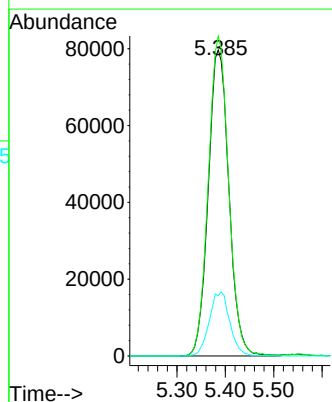
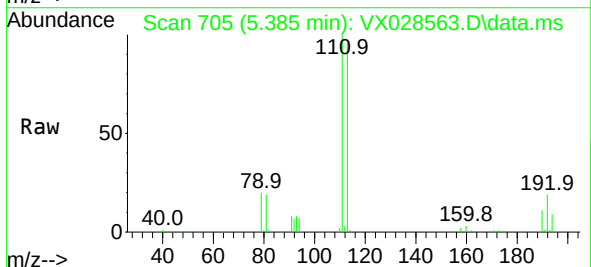
Instrument :
MSVOA_X
ClientSampleId :
VX0509MBL01

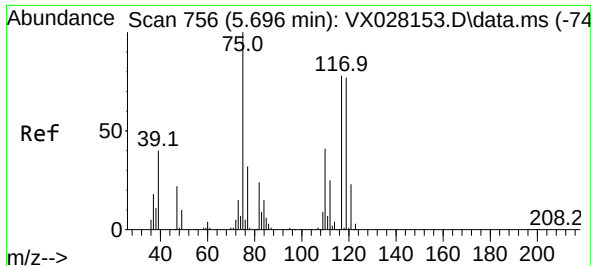
Tgt Ion:114 Resp: 728327
Ion Ratio Lower Upper
114 100
63 18.3 0.0 36.8
88 14.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.385 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

Tgt Ion:113 Resp: 236923
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 20.7 16.9 25.3

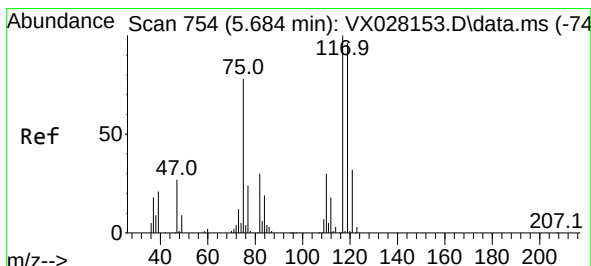
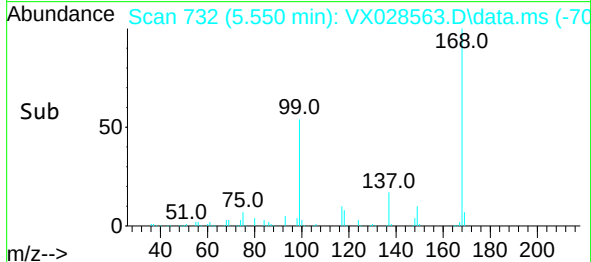
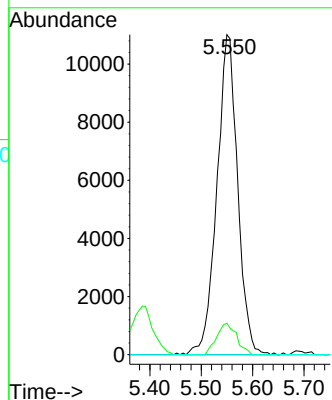
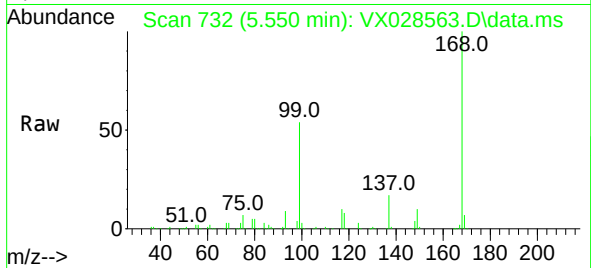




#36
1,1-Dichloropropene
Concen: 4.628 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

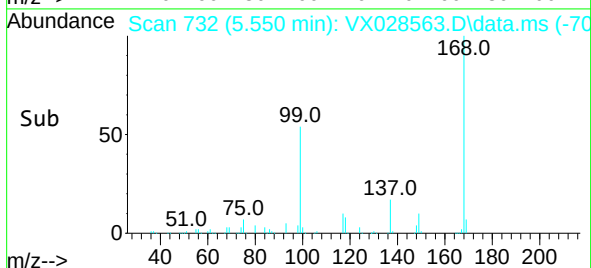
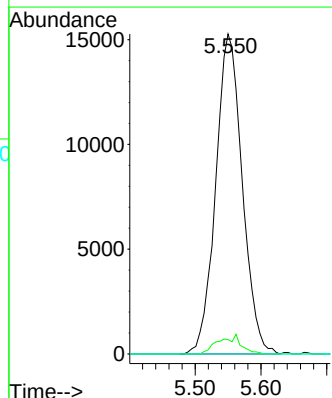
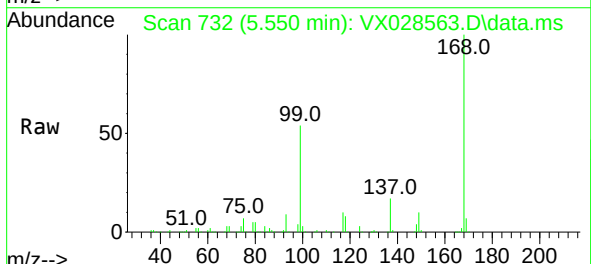
Instrument :
MSVOA_X
ClientSampleId :
VX0509MBL01

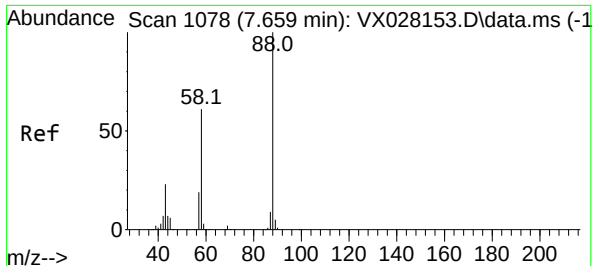
Tgt Ion: 75 Resp: 30831
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.708 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

Tgt Ion: 117 Resp: 42933
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#





#49

1,4-Dioxane

Concen: 0.340 ug/l

RT: 7.678 min Scan# 1078

Delta R.T. 0.019 min

Lab File: VX028563.D

Acq: 09 May 2022 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0509MBL01

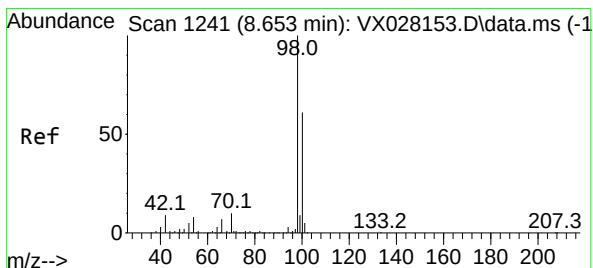
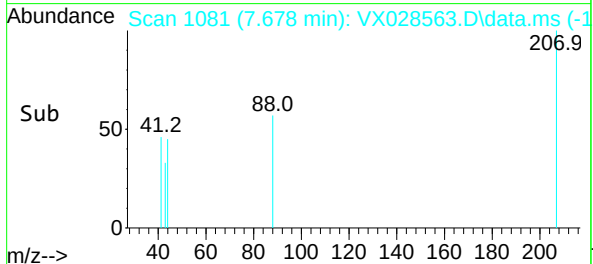
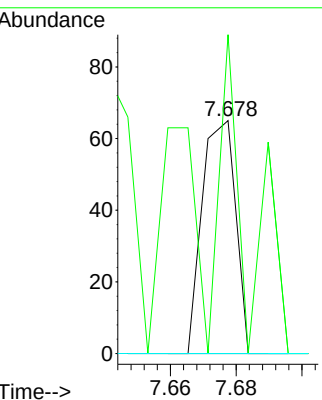
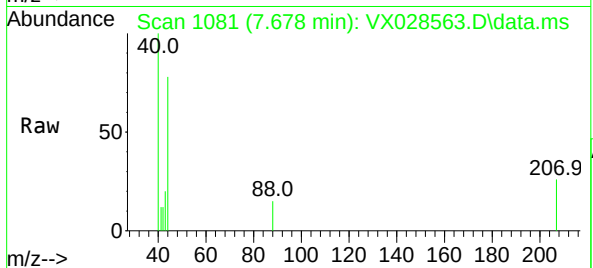
Tgt Ion: 88 Resp: 46

Ion Ratio Lower Upper

88 100

43 117.4 21.9 32.9#

58 0.0 53.7 80.5#



#50

Toluene-d8

Concen: 43.346 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX028563.D

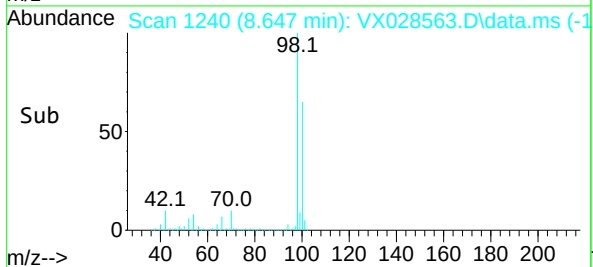
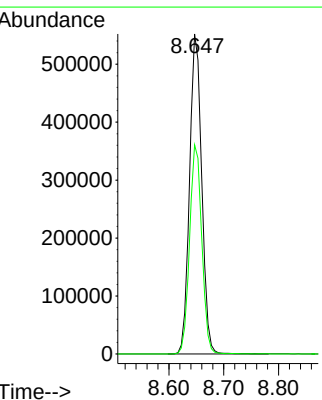
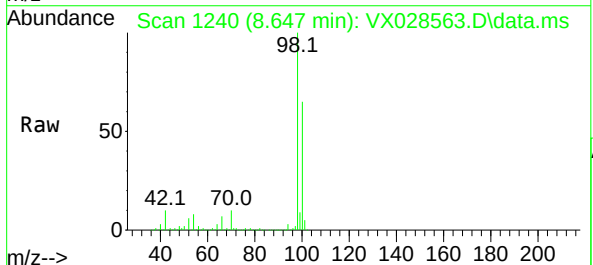
Acq: 09 May 2022 11:25

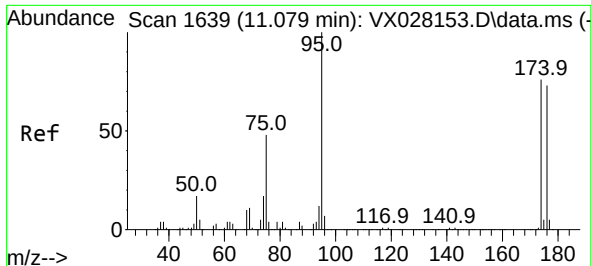
Tgt Ion: 98 Resp: 850349

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8

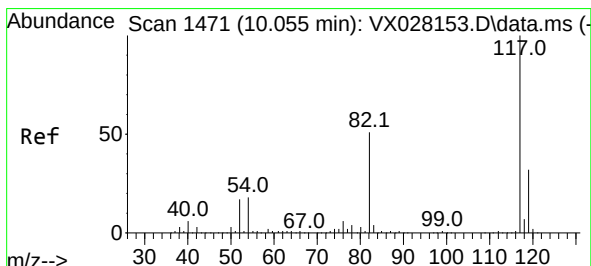
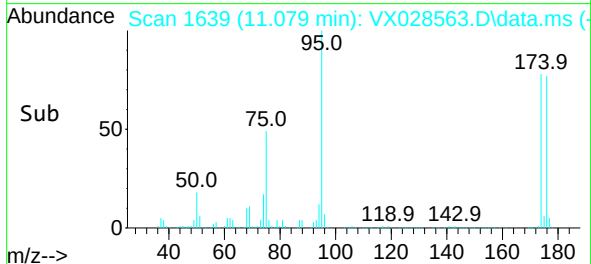
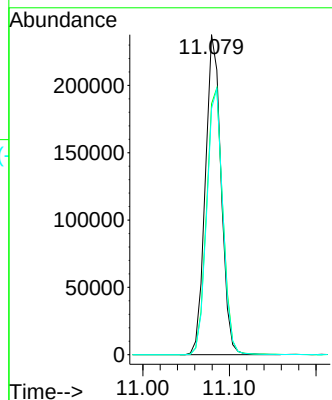
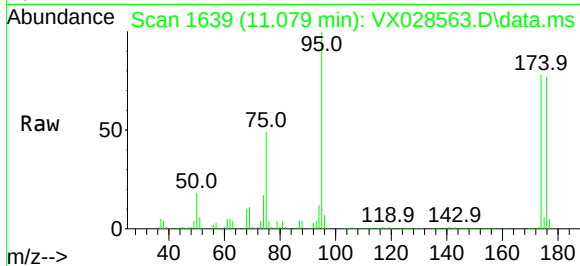




#62
4-Bromofluorobenzene
Concen: 39.913 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

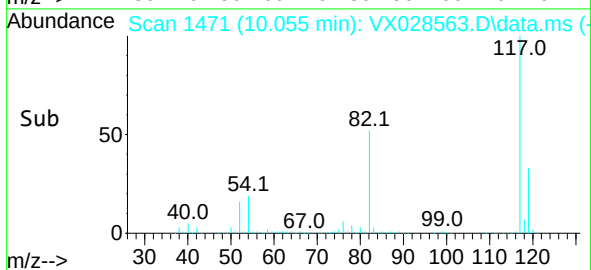
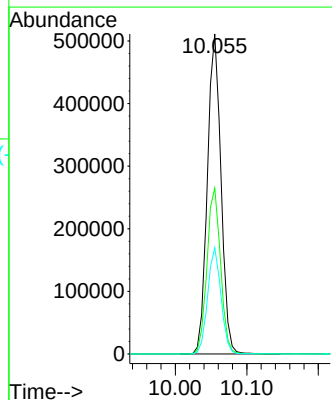
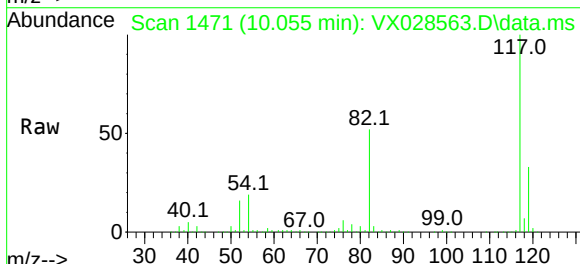
Instrument :
MSVOA_X
ClientSampleId :
VX0509MBL01

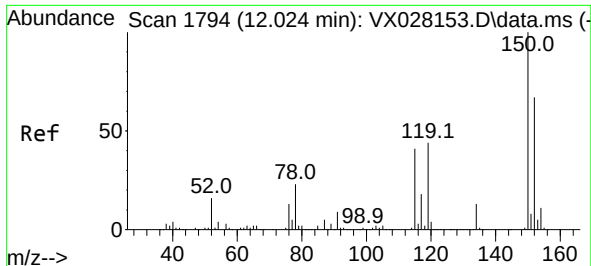
Tgt Ion: 95 Resp: 299388
Ion Ratio Lower Upper
95 100
174 86.3 0.0 163.0
176 84.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

Tgt Ion: 117 Resp: 676964
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.8
119 33.2 24.8 37.2

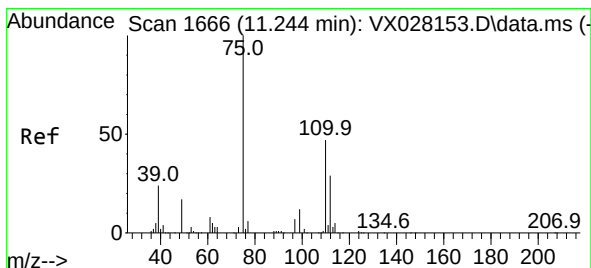
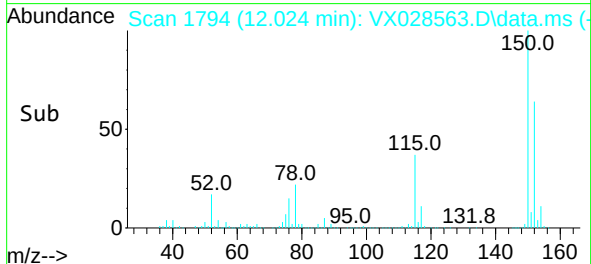
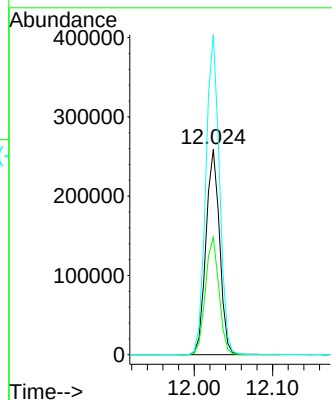
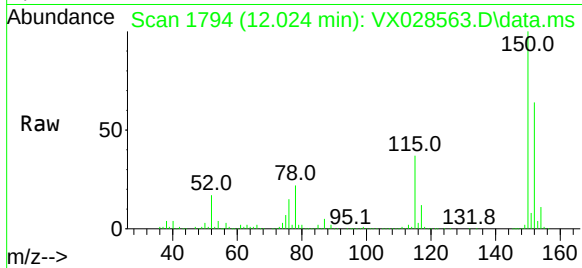




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

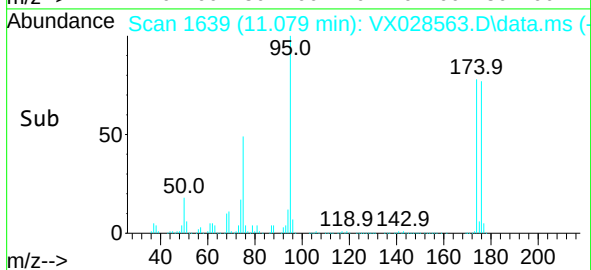
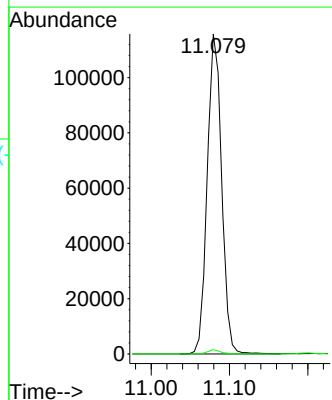
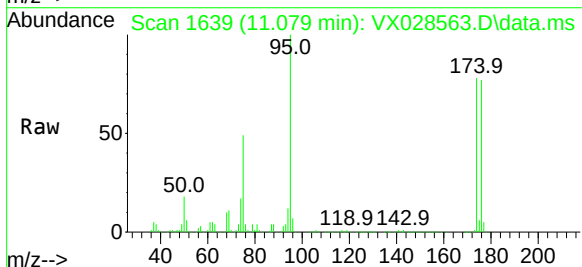
Instrument :
MSVOA_X
ClientSampleId :
VX0509MBL01

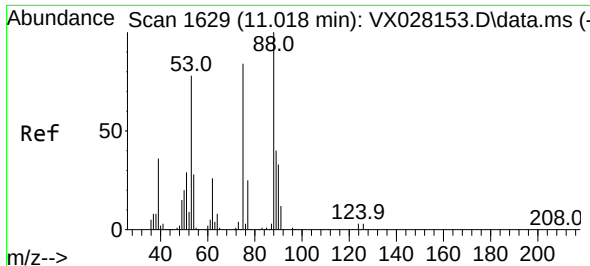
Tgt Ion:152 Resp: 312472
Ion Ratio Lower Upper
152 100
115 56.8 37.5 112.7
150 155.8 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.952 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

Tgt Ion: 75 Resp: 147299
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#

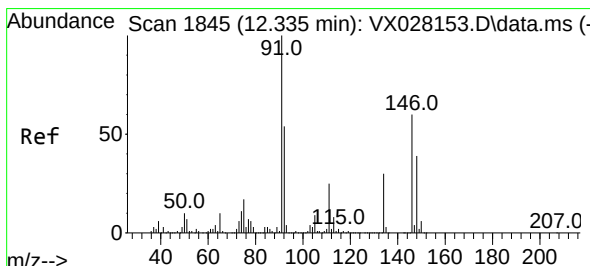
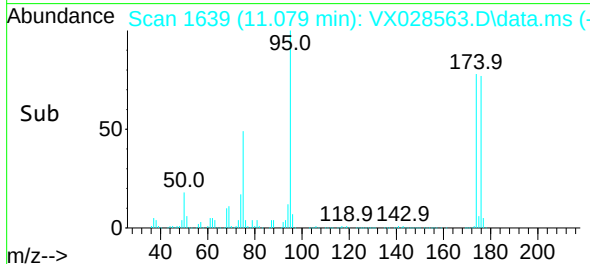
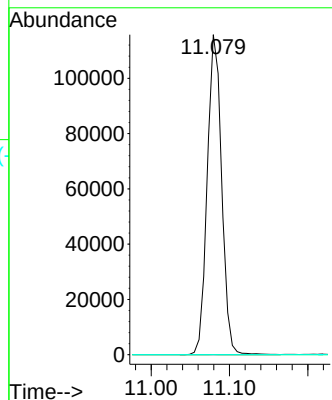
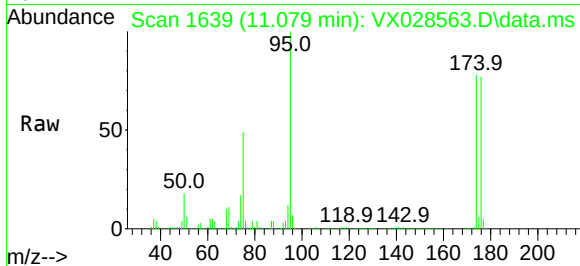




#81
trans-1,4-Dichloro-2-butene
Concen: 71.180 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

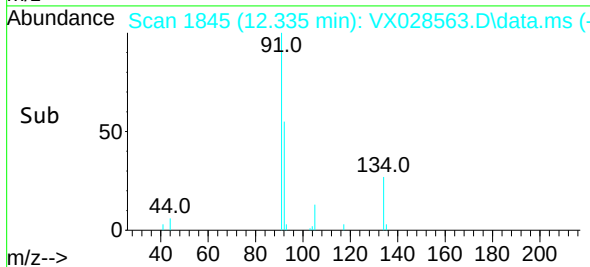
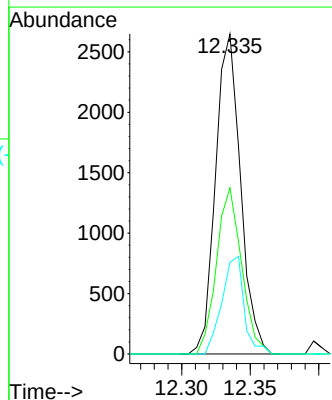
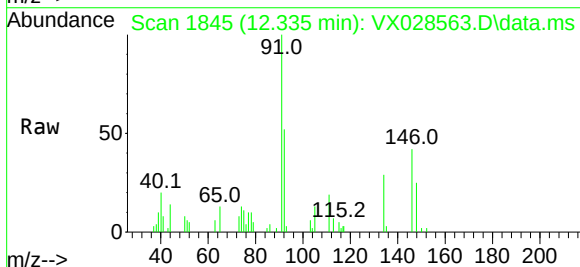
Instrument :
MSVOA_X
ClientSampleId :
VX0509MBL01

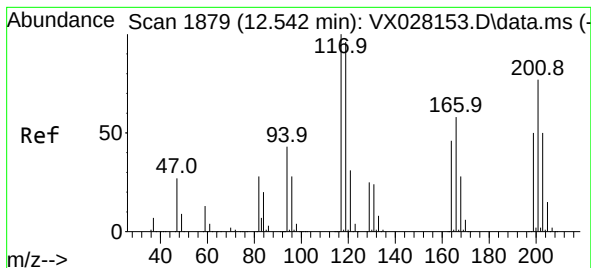
Tgt Ion: 75 Resp: 147299
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#89
n-Butylbenzene
Concen: 0.211 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

Tgt Ion: 91 Resp: 3354
Ion Ratio Lower Upper
91 100
92 52.2 27.8 83.3
134 27.0 13.3 39.8





#90

Hexachloroethane

Concen: 1.949 ug/l

RT: 12.536 min Scan# 117

Delta R.T. -0.006 min

Lab File: VX028563.D

Acq: 09 May 2022 11:25

Instrument :

MSVOA_X

ClientSampleId :

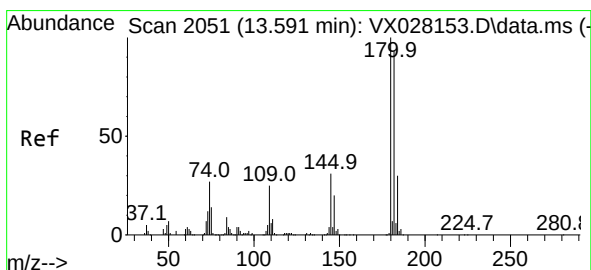
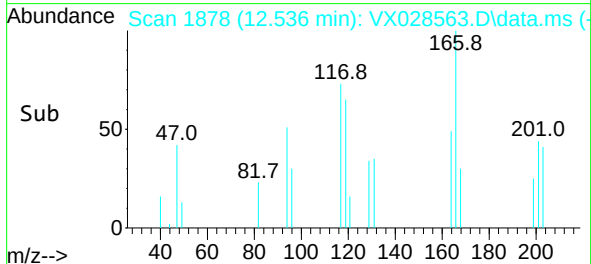
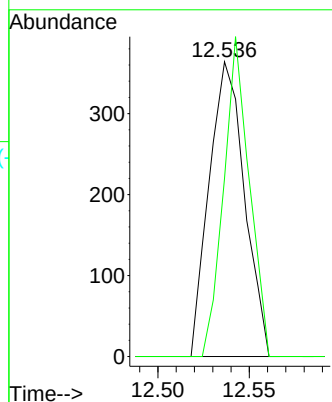
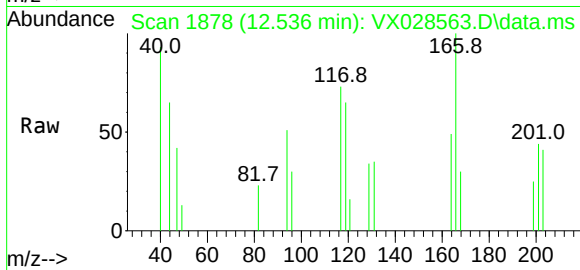
VX0509MBL01

Tgt Ion:117 Resp: 490

Ion Ratio Lower Upper

117 100

201 78.6 39.5 118.5



#93

1,2,4-Trichlorobenzene

Concen: 0.421 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX028563.D

Acq: 09 May 2022 11:25

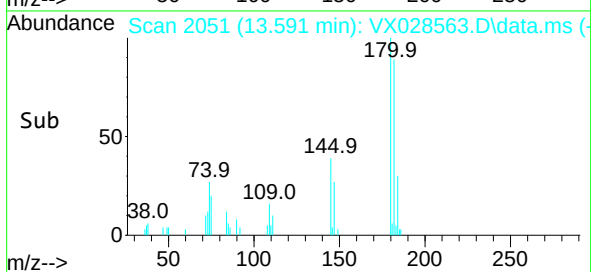
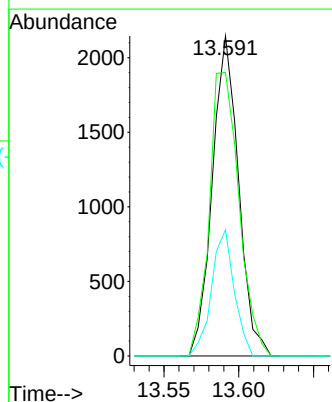
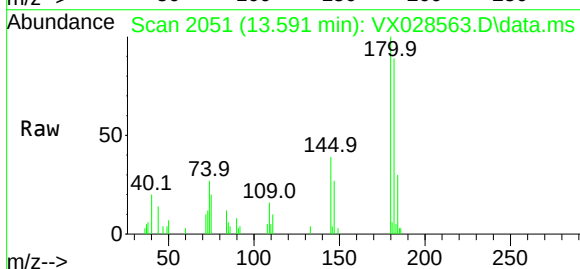
Tgt Ion:180 Resp: 2612

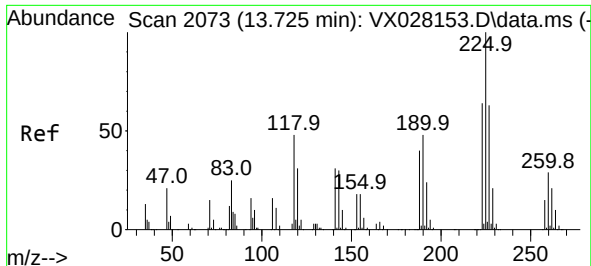
Ion Ratio Lower Upper

180 100

182 100.5 47.7 143.1

145 34.3 15.2 45.5

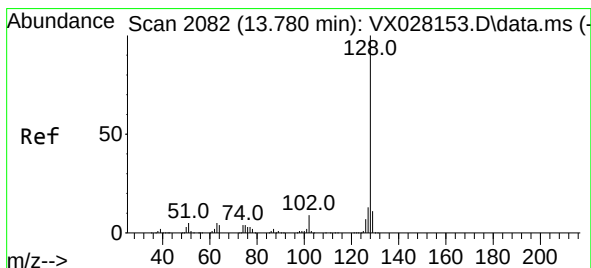
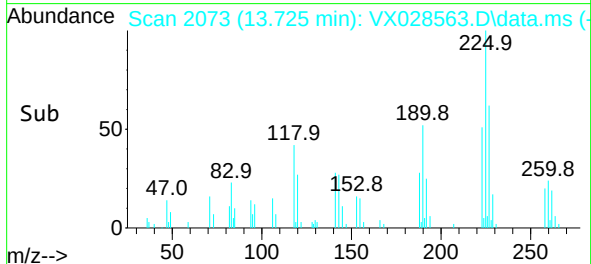
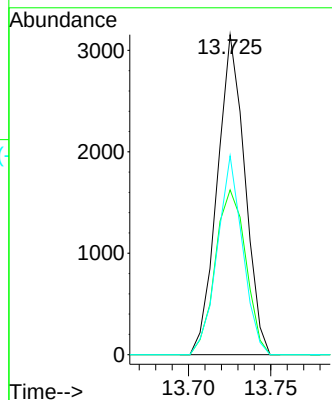
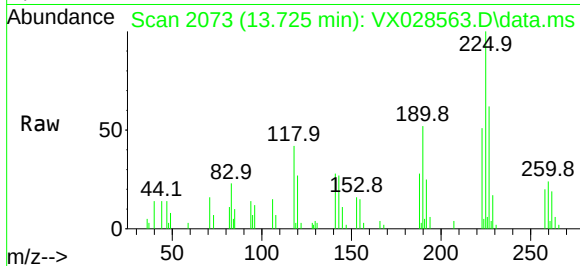




#94
Hexachlorobutadiene
Concen: 1.328 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

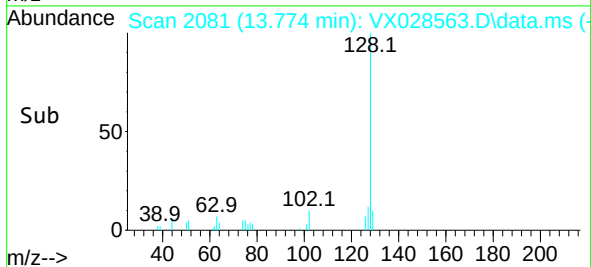
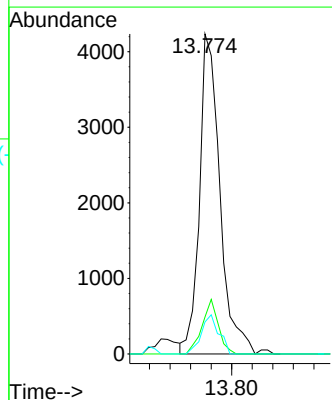
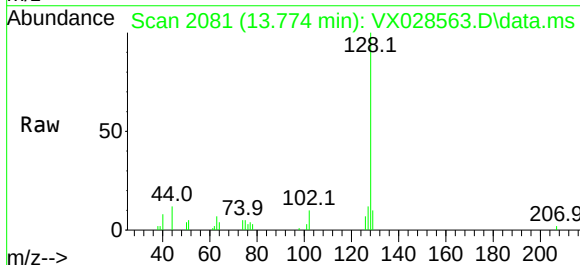
Instrument :
MSVOA_X
ClientSampleId :
VX0509MBL01

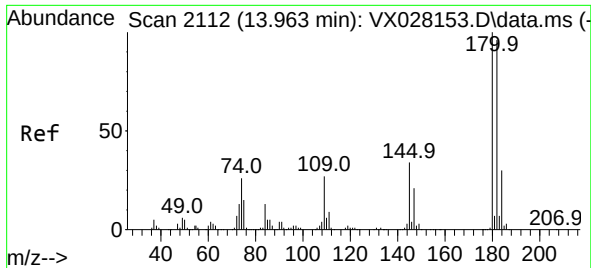
Tgt Ion:	225	Resp:	3681
Ion	Ratio	Lower	Upper
225	100		
223	56.9	34.2	102.5
227	57.2	33.9	101.7



#95
Naphthalene
Concen: 0.284 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX028563.D
Acq: 09 May 2022 11:25

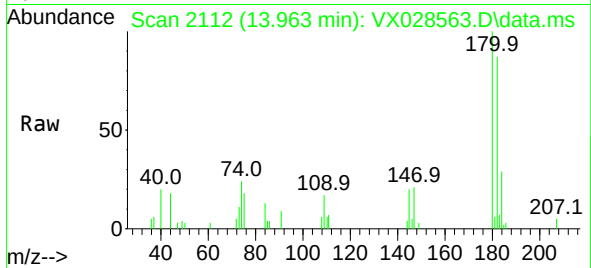
Tgt Ion:	128	Resp:	5877
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	10.5	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.474 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX028563.D
 Acq: 09 May 2022 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509MBL01



Tgt Ion:180 Resp: 2889
 Ion Ratio Lower Upper
 180 100
 182 93.9 50.0 149.8
 145 26.3 16.2 48.5

