

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028844.D
 Acq On : 20 May 2022 12:06
 Operator : JC/MD
 Sample : VX0520MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520MBL01

Quant Time: May 20 23:26:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

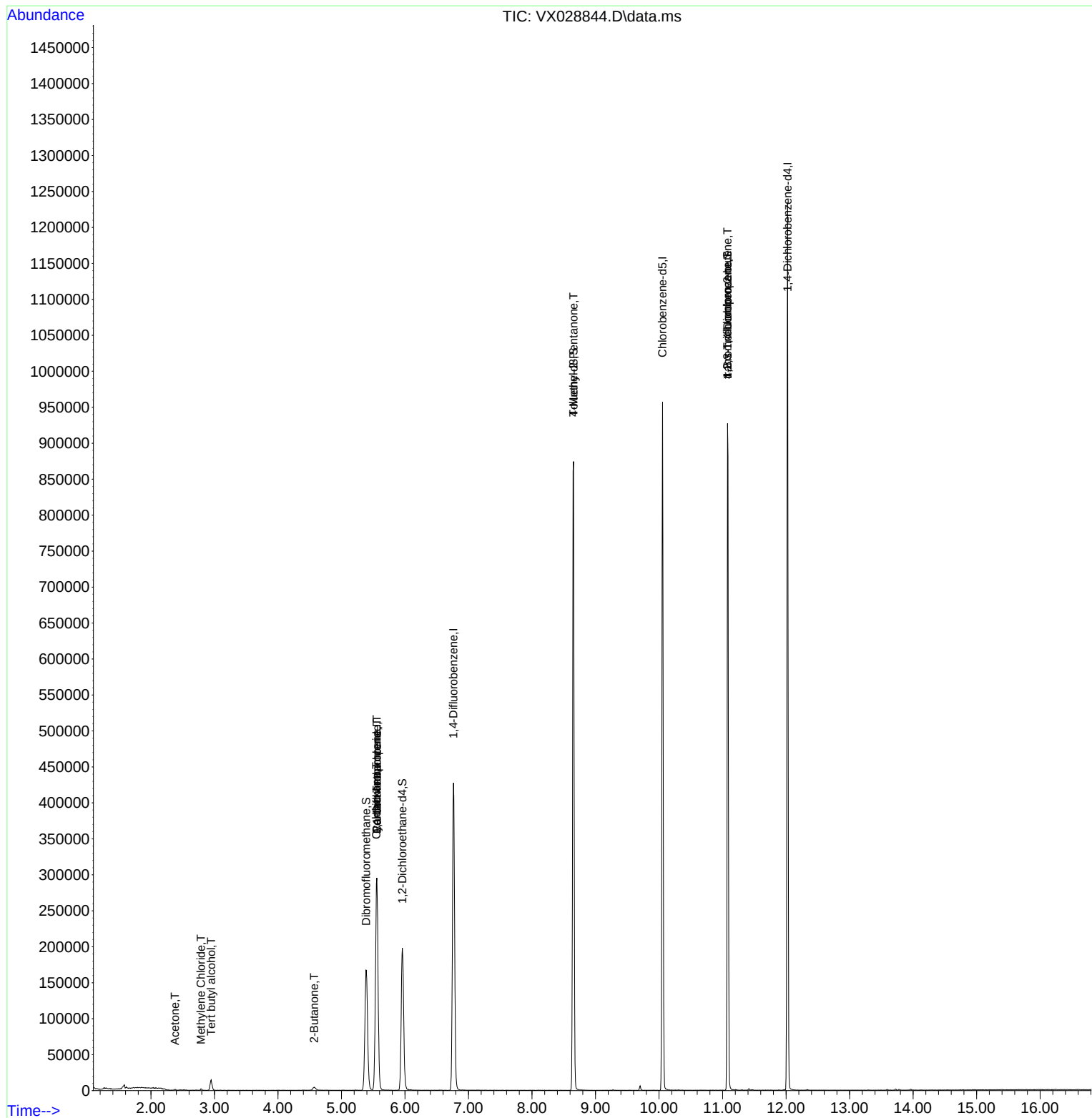
Internal Standards						
1) Pentafluorobenzene	5.556	168	268847	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	434748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	240082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	199611	54.165	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.320%	
35) Dibromofluoromethane	5.385	113	146955	51.592	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.180%	
50) Toluene-d8	8.653	98	521424	48.554	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.100%	
62) 4-Bromofluorobenzene	11.079	95	256290	63.895	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 127.800%	
Target Compounds						
						Qvalue
5) Bromomethane	1.617	94	873	Below Cal		98
6) Chloroethane	1.697	64	393	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	8186	2.570	ug/l #	72
16) Acetone	2.380	43	1309	0.828	ug/l #	80
20) Methylene Chloride	2.788	84	760	0.229	ug/l	97
25) 2-Butanone	4.568	43	575	0.232	ug/l #	44
31) Cyclohexane	5.550	56	6584	1.287	ug/l #	41
36) 1,1-Dichloropropene	5.556	75	22693	5.304	ug/l #	50
38) Carbon Tetrachloride	5.556	117	28665	6.658	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	2547	0.553	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	134204	23.869	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	134204	69.566	ug/l #	15

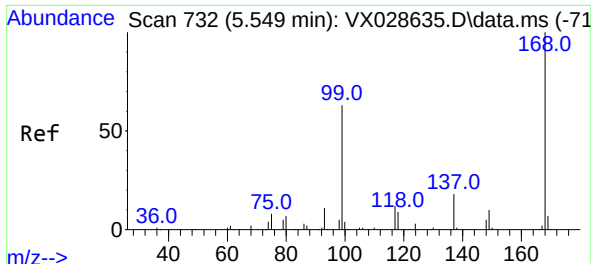
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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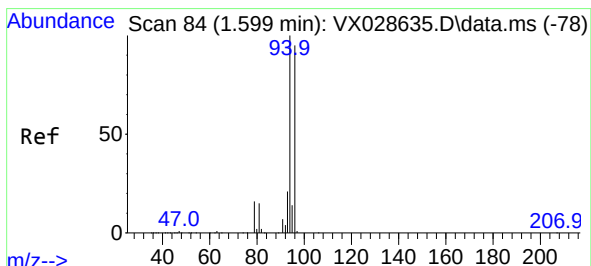
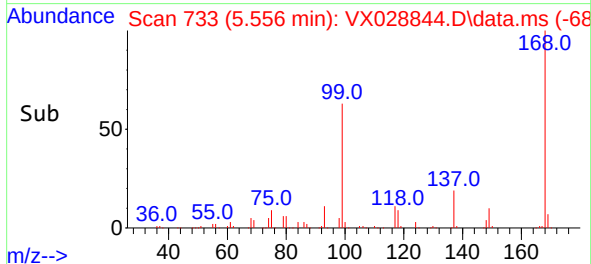
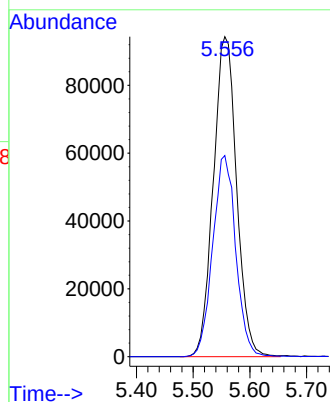
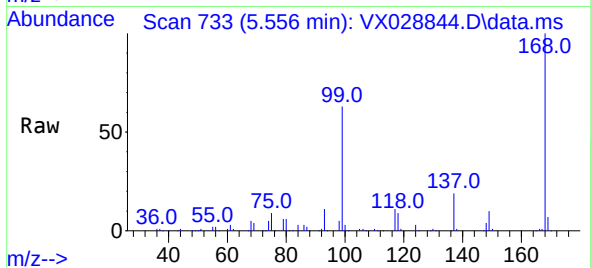




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028844.D
Acq: 20 May 2022 12:06

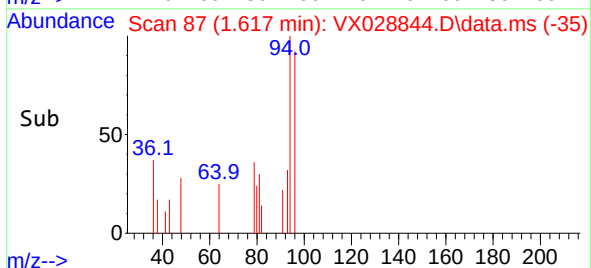
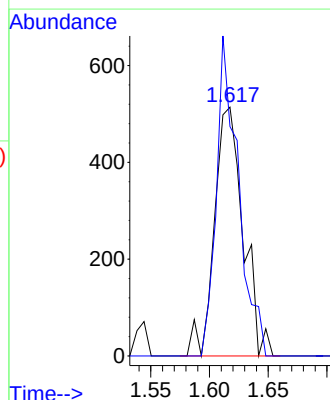
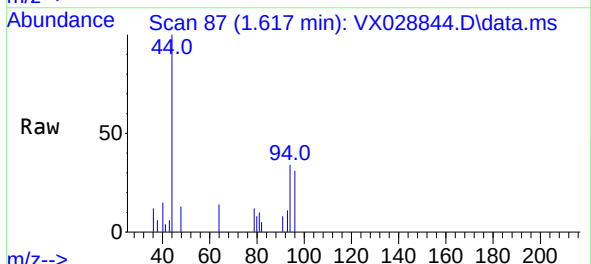
Instrument :
MSVOA_X
ClientSampleId :
VX0520MBL01

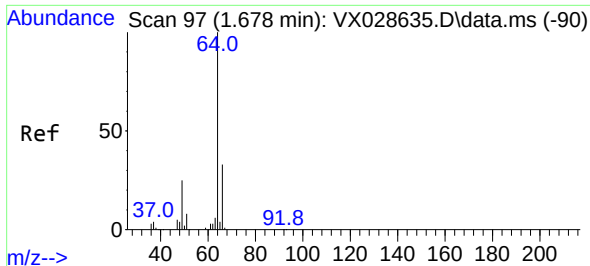
Tgt Ion:168 Resp: 268847
Ion Ratio Lower Upper
168 100
99 62.8 41.7 62.5#



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028844.D
Acq: 20 May 2022 12:06

Tgt Ion: 94 Resp: 873
Ion Ratio Lower Upper
94 100
96 92.2 75.3 112.9

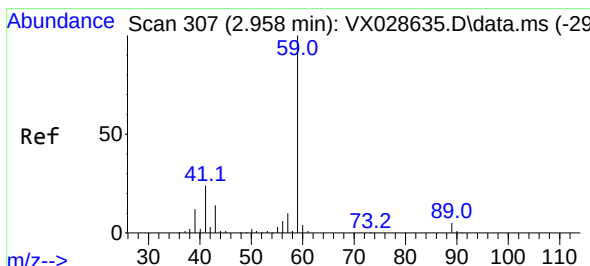
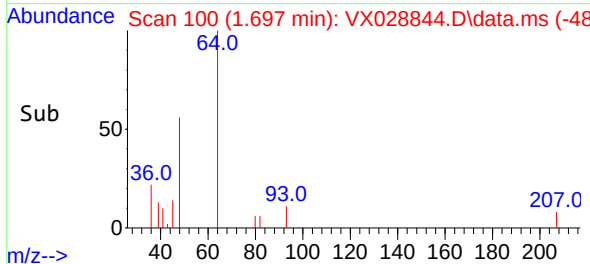
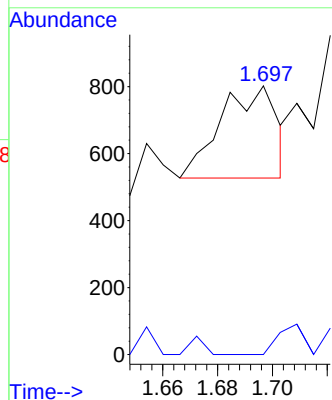
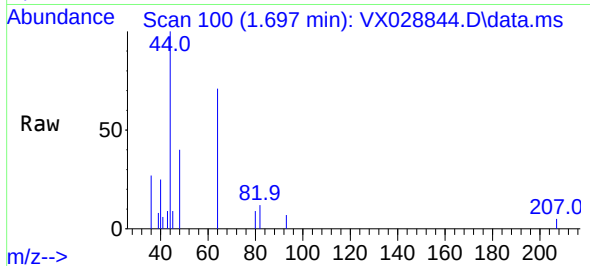




#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX028844.D
Acq: 20 May 2022 12:06

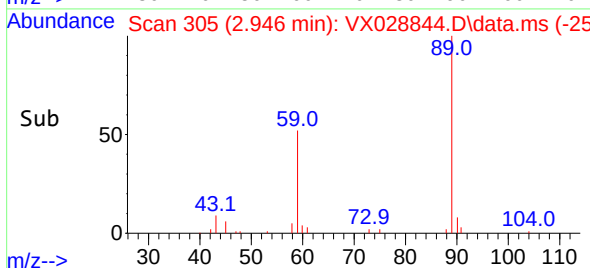
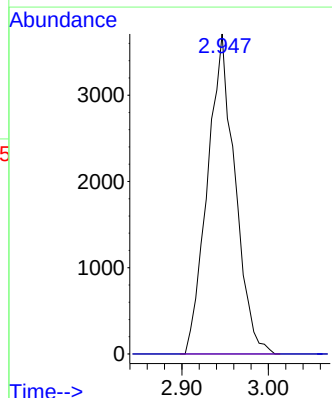
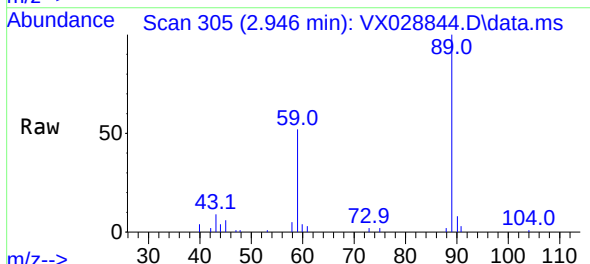
Instrument :
MSVOA_X
ClientSampleId :
VX0520MBL01

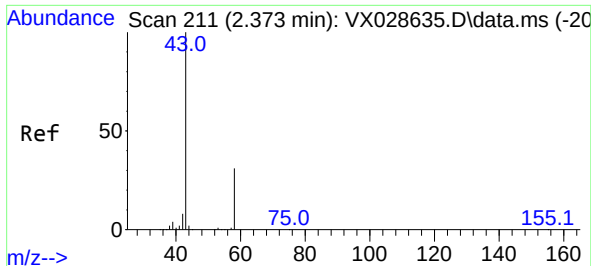
Tgt Ion: 64 Resp: 393
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 2.570 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX028844.D
Acq: 20 May 2022 12:06

Tgt Ion: 59 Resp: 8186
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

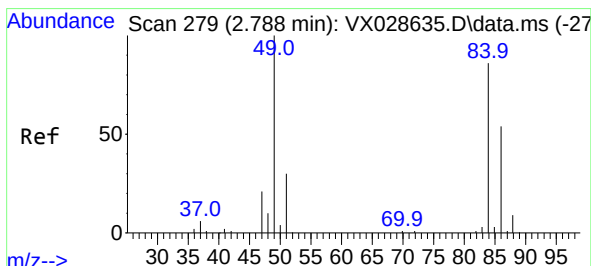
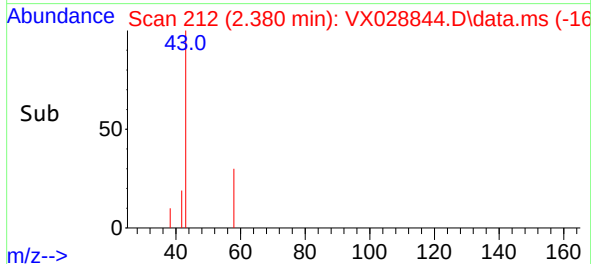
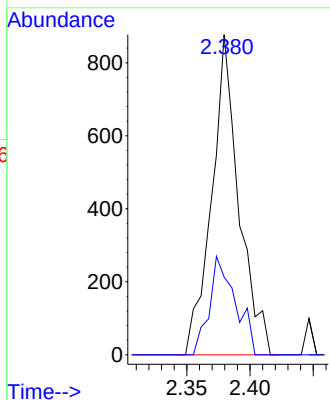
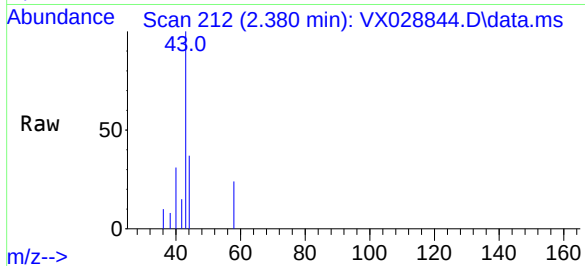




#16
Acetone
Concen: 0.828 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028844.D
Acq: 20 May 2022 12:06

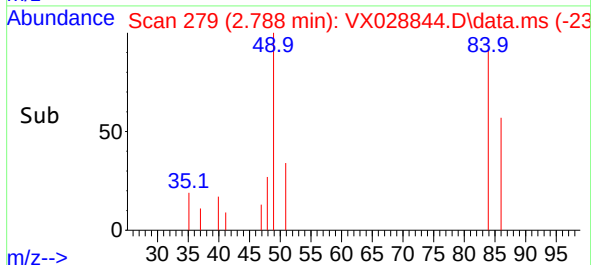
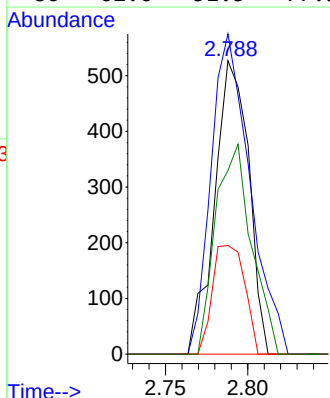
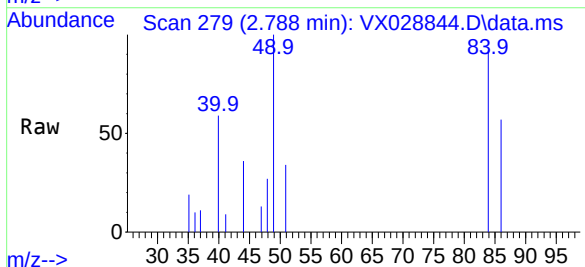
Instrument :
MSVOA_X
ClientSampleId :
VX0520MBL01

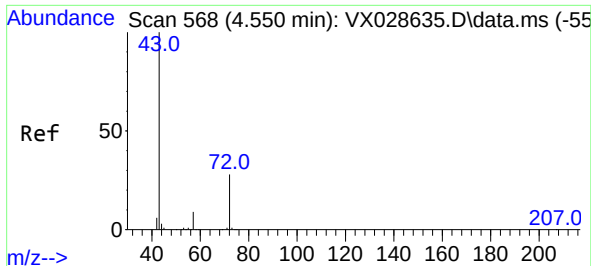
Tgt Ion: 43 Resp: 1309
Ion Ratio Lower Upper
43 100
58 24.3 28.8 43.2#



#20
Methylene Chloride
Concen: 0.229 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028844.D
Acq: 20 May 2022 12:06

Tgt Ion: 84 Resp: 760
Ion Ratio Lower Upper
84 100
49 109.1 85.5 128.3
51 37.0 26.6 39.8
86 62.6 51.5 77.3

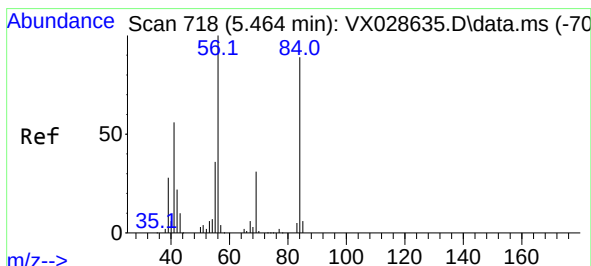
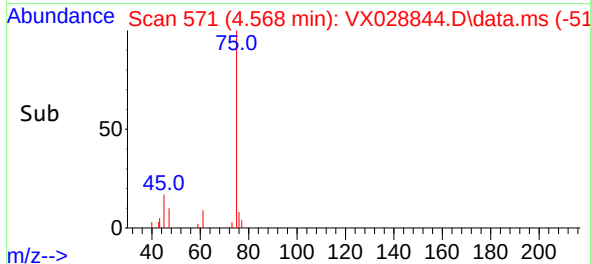
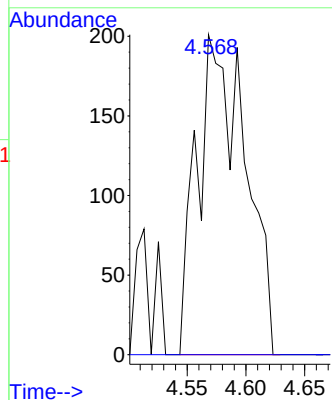
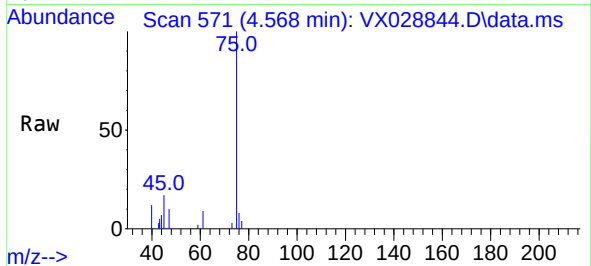




#25
2-Butanone
Concen: 0.232 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX028844.D
Acq: 20 May 2022 12:06

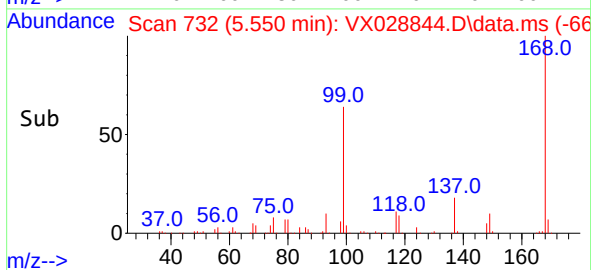
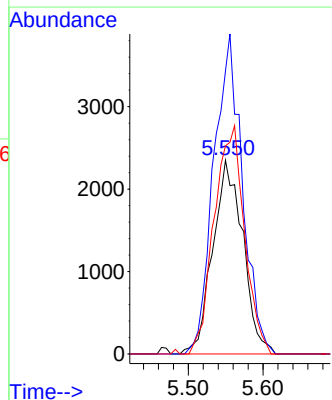
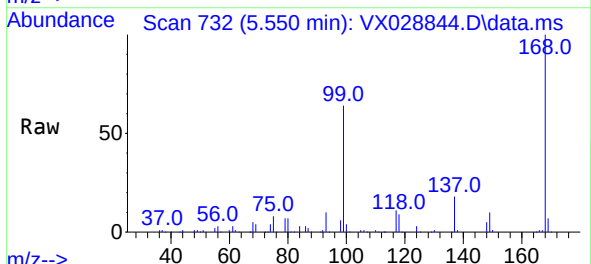
Instrument :
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ClientSampleId :
VX0520MBL01

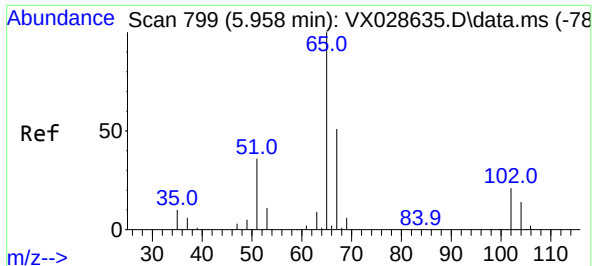
Tgt Ion: 43 Resp: 575
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.287 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX028844.D
Acq: 20 May 2022 12:06

Tgt Ion: 56 Resp: 6584
Ion Ratio Lower Upper
56 100
69 146.1 26.7 40.1#
84 107.5 77.2 115.8

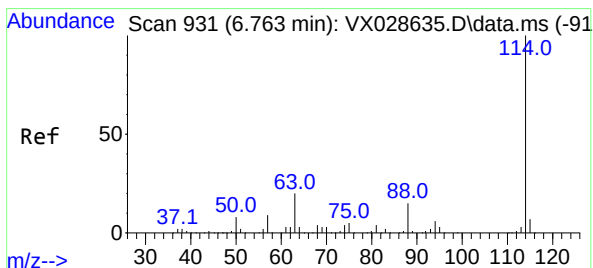
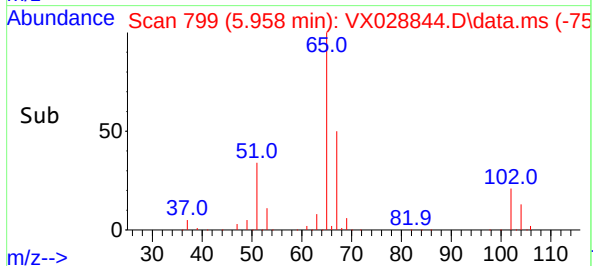
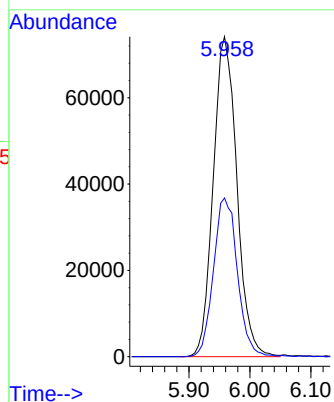
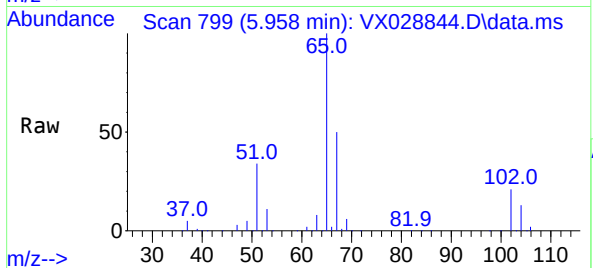




#33
1,2-Dichloroethane-d4
Concen: 54.165 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028844.D
Acq: 20 May 2022 12:06

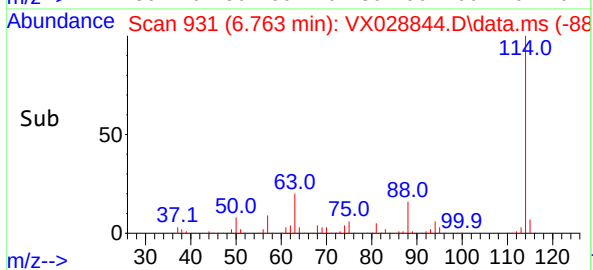
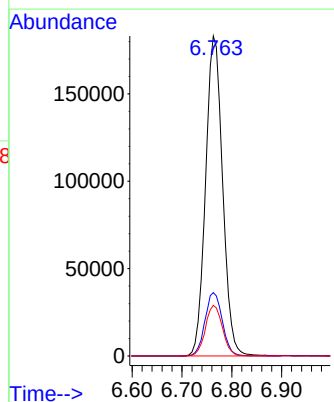
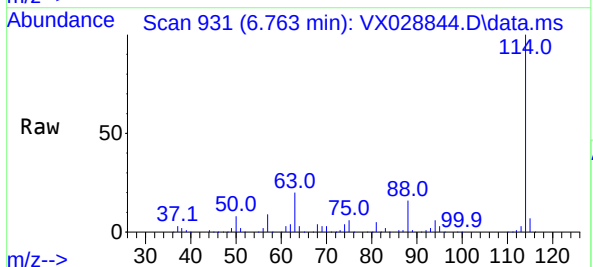
Instrument :
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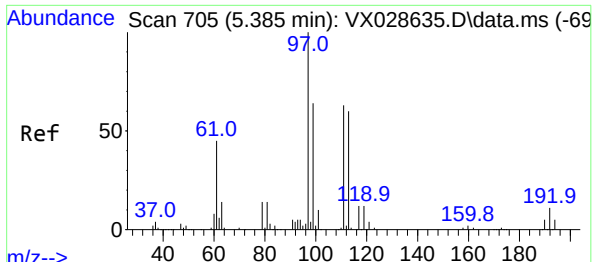
Tgt Ion: 65 Resp: 199611
Ion Ratio Lower Upper
65 100
67 50.2 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028844.D
Acq: 20 May 2022 12:06

Tgt Ion: 114 Resp: 434748
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.8
88 15.8 0.0 32.4

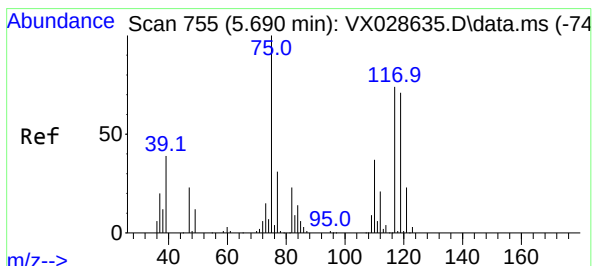
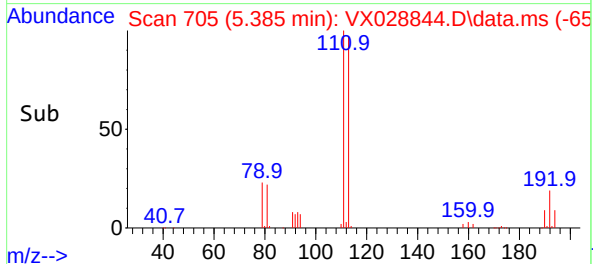
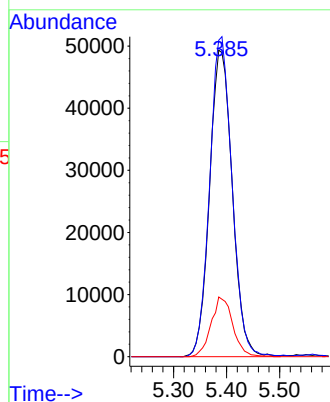
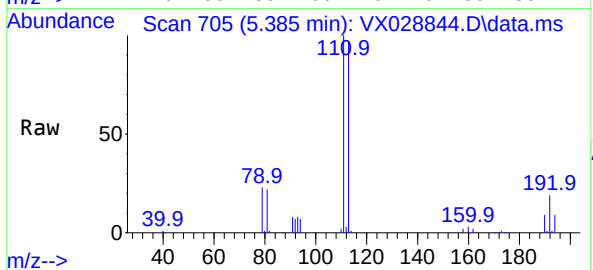




#35
Dibromofluoromethane
Concen: 51.592 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028844.D
Acq: 20 May 2022 12:06

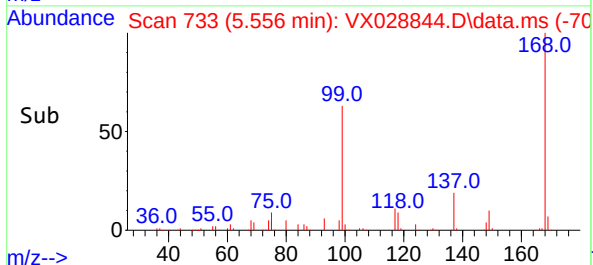
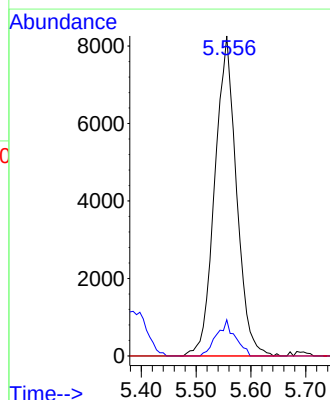
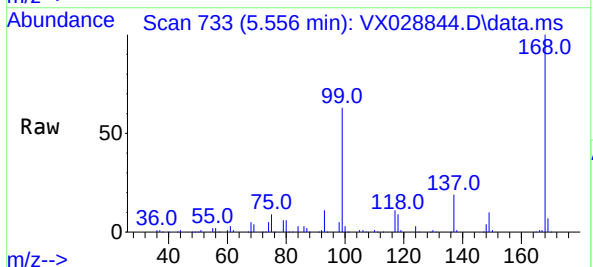
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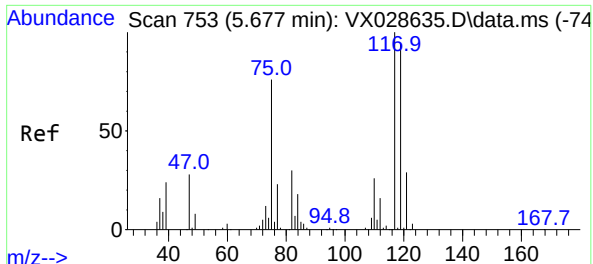
Tgt Ion:113 Resp: 146955
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 18.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.304 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028844.D
Acq: 20 May 2022 12:06

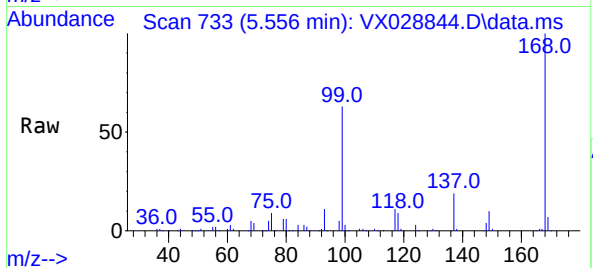
Tgt Ion: 75 Resp: 22693
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



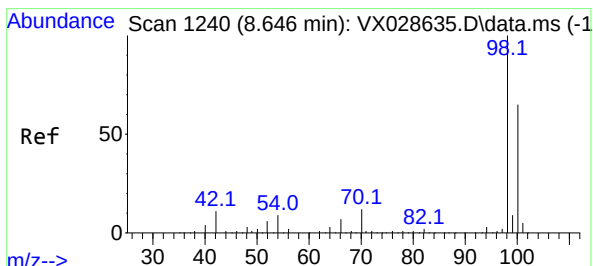
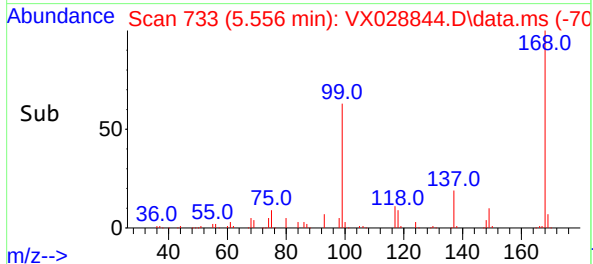
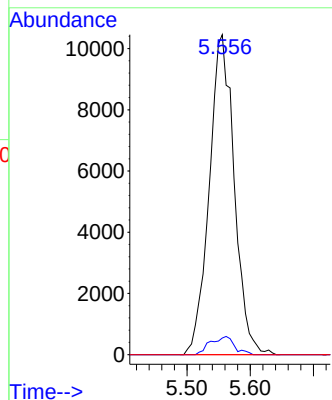


#38
Carbon Tetrachloride
Concen: 6.658 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028844.D
Acq: 20 May 2022 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0520MBL01

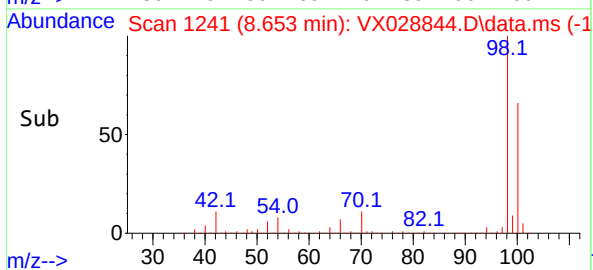
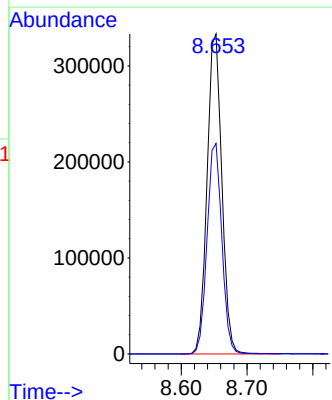
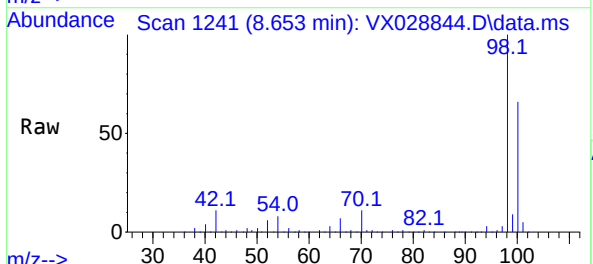


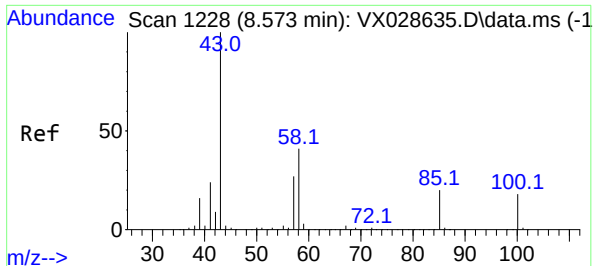
Tgt Ion:117 Resp: 28665
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.554 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028844.D
Acq: 20 May 2022 12:06

Tgt Ion: 98 Resp: 521424
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.553 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.080 min

Lab File: VX028844.D

Acq: 20 May 2022 12:06

Instrument :

MSVOA_X

ClientSampleId :

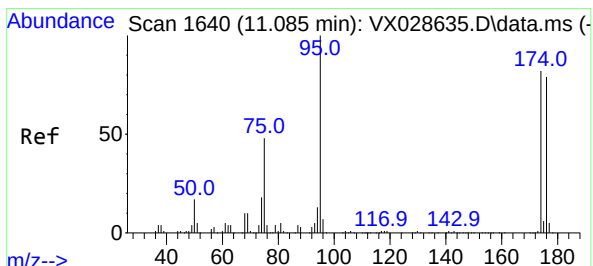
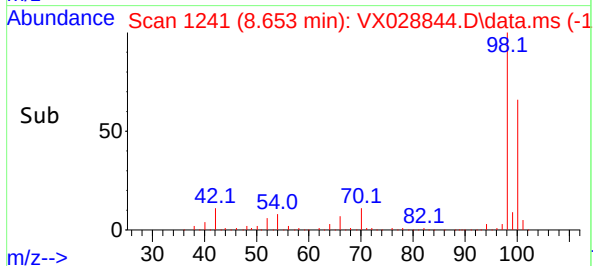
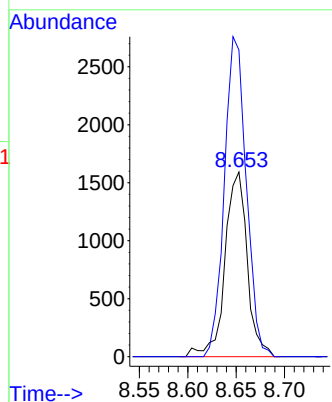
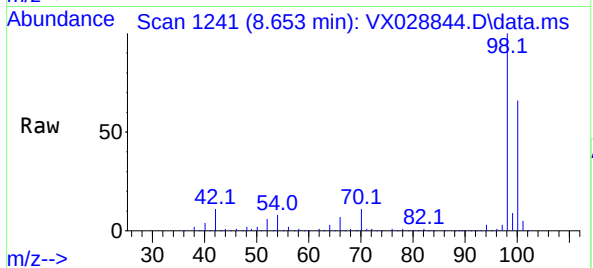
VX0520MBL01

Tgt Ion: 43 Resp: 2547

Ion Ratio Lower Upper

43 100

58 170.6 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 63.895 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028844.D

Acq: 20 May 2022 12:06

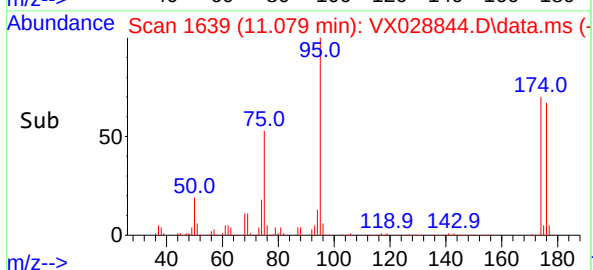
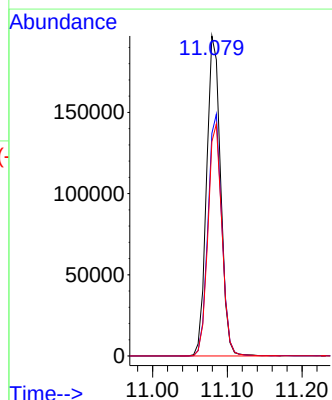
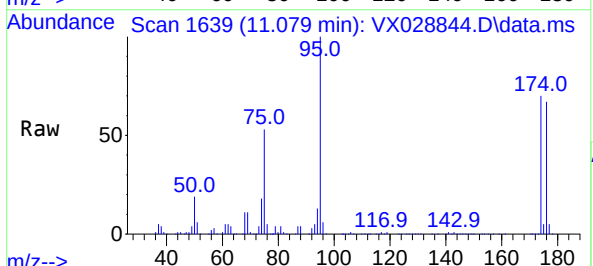
Tgt Ion: 95 Resp: 256290

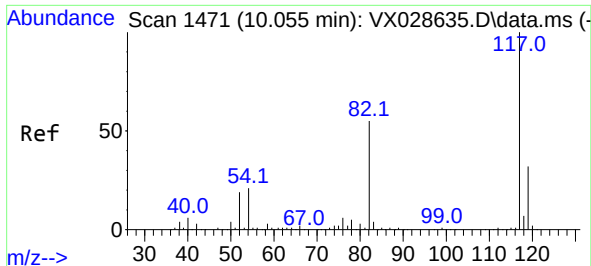
Ion Ratio Lower Upper

95 100

174 74.8 0.0 163.0

176 72.2 0.0 155.0

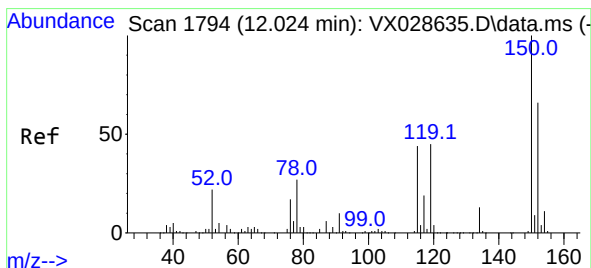
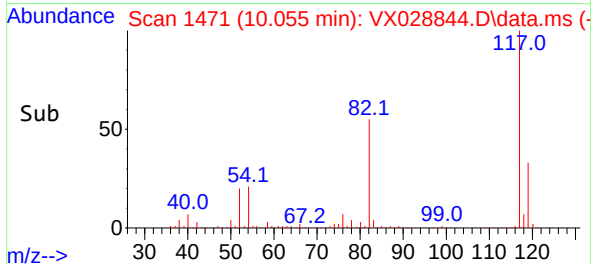
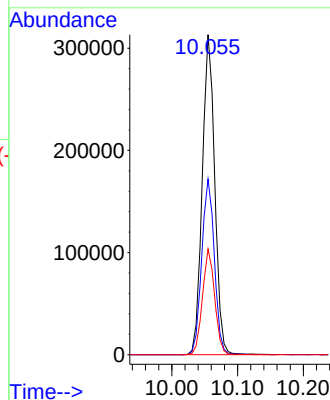
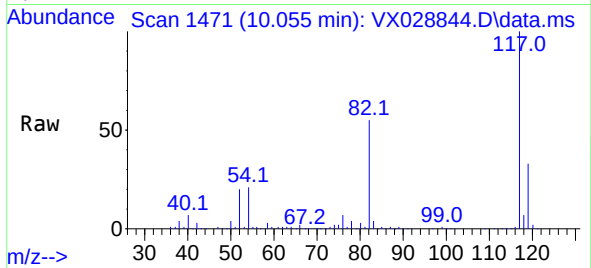




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028844.D
Acq: 20 May 2022 12:06

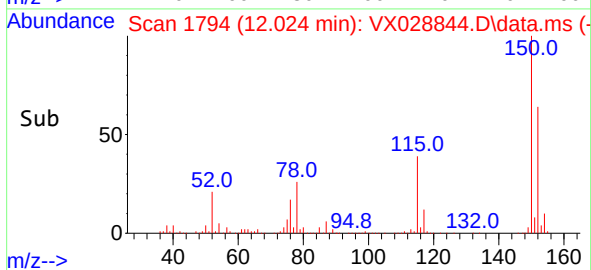
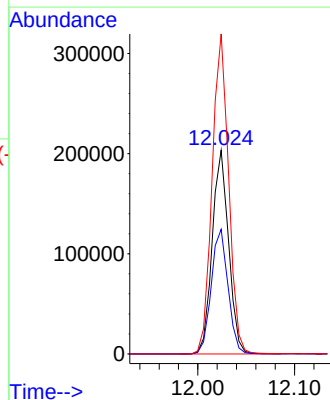
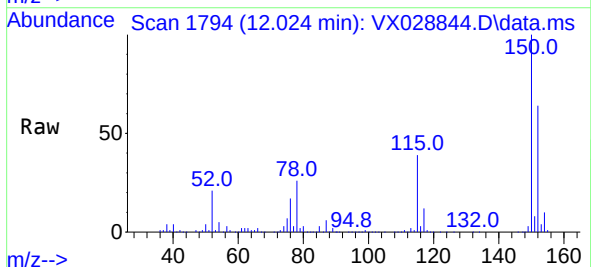
Instrument :
MSVOA_X
ClientSampleId :
VX0520MBL01

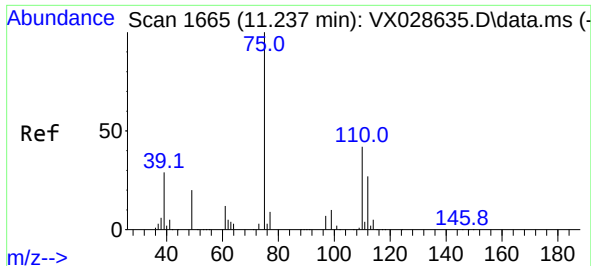
Tgt Ion:117 Resp: 413886
Ion Ratio Lower Upper
117 100
82 54.9 41.8 62.8
119 33.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028844.D
Acq: 20 May 2022 12:06

Tgt Ion:152 Resp: 240082
Ion Ratio Lower Upper
152 100
115 62.6 37.5 112.7
150 158.3 0.0 338.2

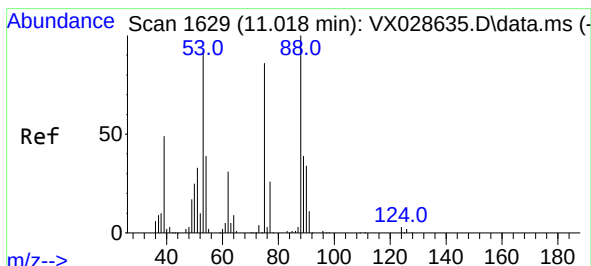
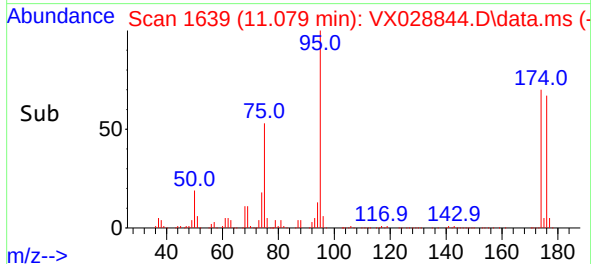
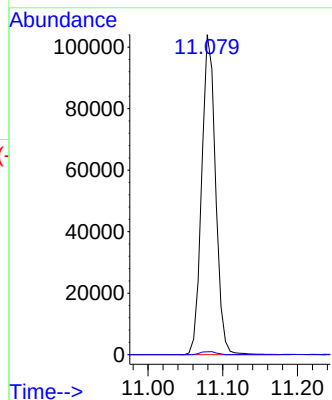
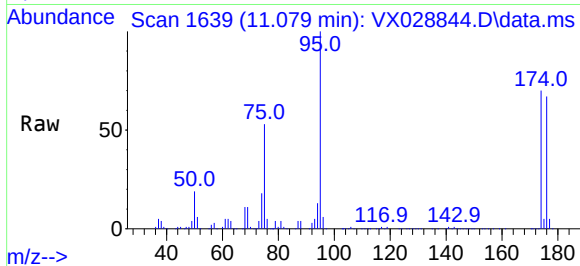




#76
1,2,3-Trichloropropane
Concen: 23.869 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028844.D
Acq: 20 May 2022 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0520MBL01

Tgt Ion: 75 Resp: 134204
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.566 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028844.D
Acq: 20 May 2022 12:06

Tgt Ion: 75 Resp: 134204
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

