

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028874.D
 Acq On : 21 May 2022 01:28
 Operator : JC/MD
 Sample : N2970-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20220519

Quant Time: May 21 02:11:52 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)

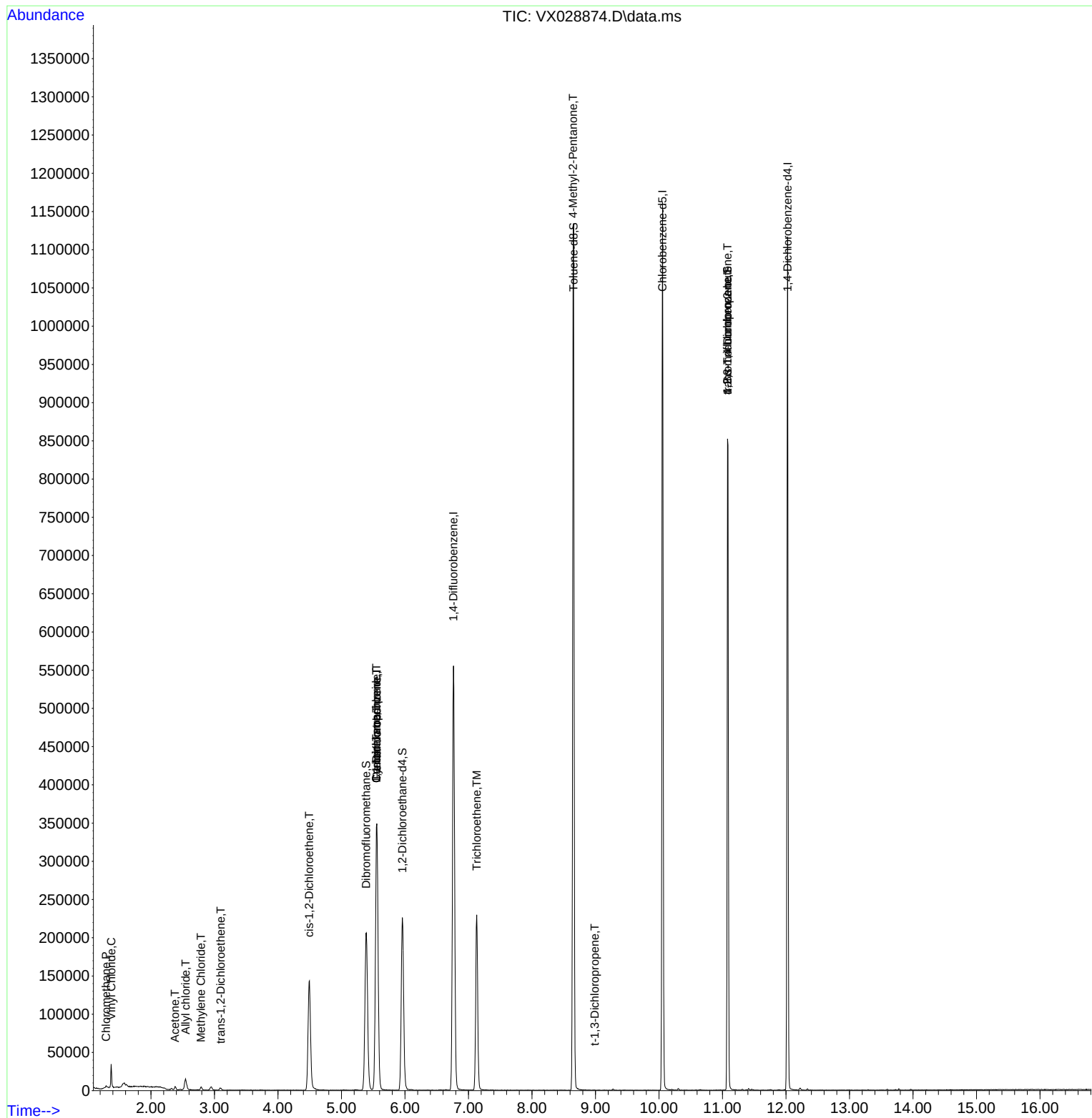
Internal Standards						
1) Pentafluorobenzene	5.556	168	320838	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	563406	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	506549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	217091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	228139	51.874	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.740%	
35) Dibromofluoromethane	5.385	113	182784	49.517	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.040%	
50) Toluene-d8	8.653	98	665565	47.824	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.640%	
62) 4-Bromofluorobenzene	11.079	95	239604	46.094	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.180%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1154	0.292	ug/l	# 79
4) Vinyl Chloride	1.374	62	17303	4.058	ug/l	100
5) Bromomethane	1.618	94	1363	Below Cal		93
6) Chloroethane	1.666	64	1121	Below Cal	#	60
11) Tert butyl alcohol	2.947	59	2775	Below Cal	#	72
14) Allyl chloride	2.544	41	1929	0.362	ug/l	# 56
16) Acetone	2.380	43	4592	2.433	ug/l	90
20) Methylene Chloride	2.788	84	1752	0.442	ug/l	# 84
21) trans-1,2-Dichloroethene	3.099	96	1235	0.330	ug/l	84
27) cis-1,2-Dichloroethene	4.489	96	93325	21.364	ug/l	90
31) Cyclohexane	5.550	56	6961	1.140	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	25685	4.633	ug/l	# 49
38) Carbon Tetrachloride	5.550	117	35037	6.279	ug/l	# 16
44) Trichloroethene	7.129	130	88015	20.367	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	2789	0.467	ug/l	# 1
53) t-1,3-Dichloropropene	8.988	75	86	1.654	ug/l	# 43
76) 1,2,3-Trichloropropane	11.079	75	124636	24.515	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	124636	71.344	ug/l	# 15

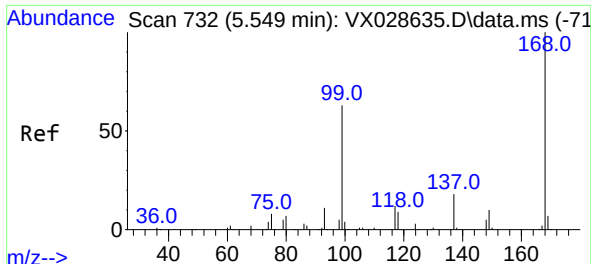
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
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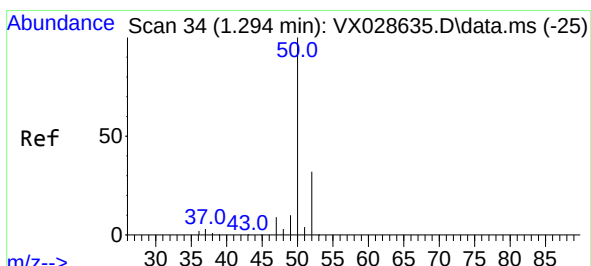
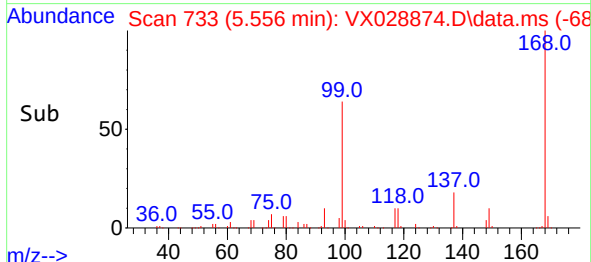
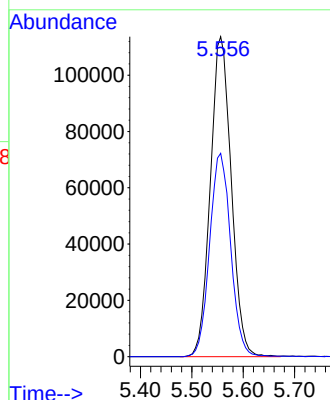
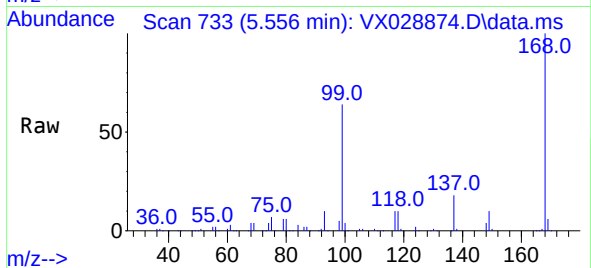




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028874.D
Acq: 21 May 2022 01:28

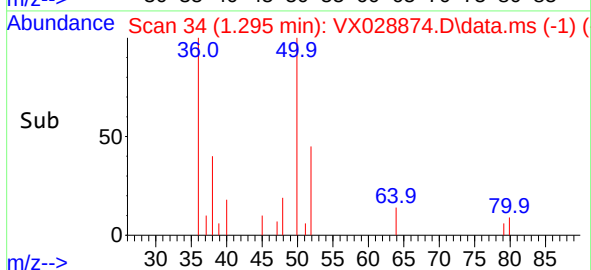
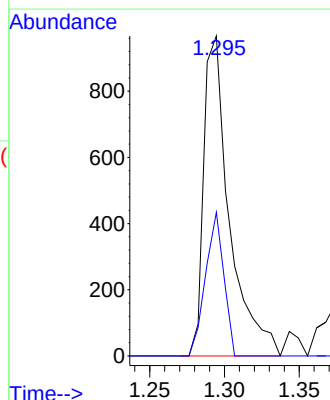
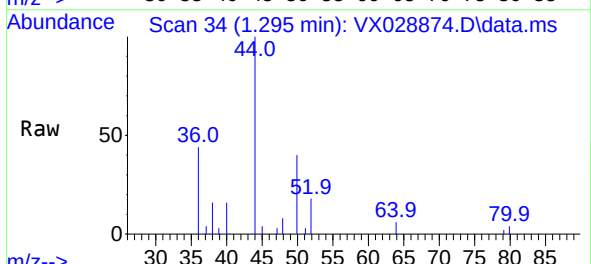
Instrument :
MSVOA_X
ClientSampleId :
TB02-20220519

Tgt Ion:168 Resp: 320838
Ion Ratio Lower Upper
168 100
99 63.6 41.7 62.5#

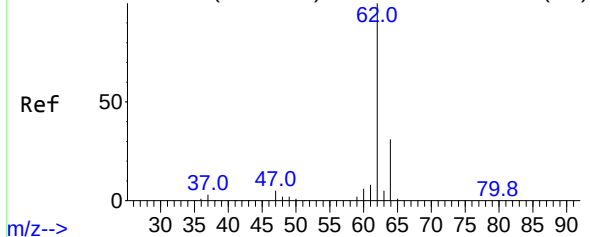


#3
Chloromethane
Concen: 0.292 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX028874.D
Acq: 21 May 2022 01:28

Tgt Ion: 50 Resp: 1154
Ion Ratio Lower Upper
50 100
52 44.9 26.4 39.6#



Abundance Scan 47 (1.373 min): VX028635.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 4.058 ug/l

RT: 1.374 min Scan# 41

Delta R.T. 0.001 min

Lab File: VX028874.D

Acq: 21 May 2022 01:28

Instrument :

MSVOA_X

ClientSampleId :

TB02-20220519

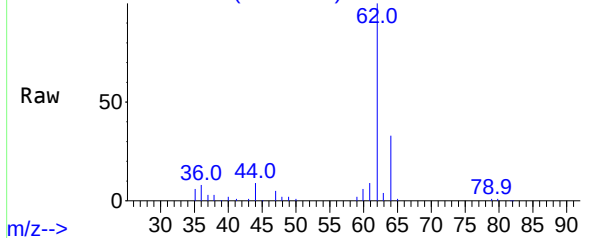
Tgt Ion: 62 Resp: 17303

Ion Ratio Lower Upper

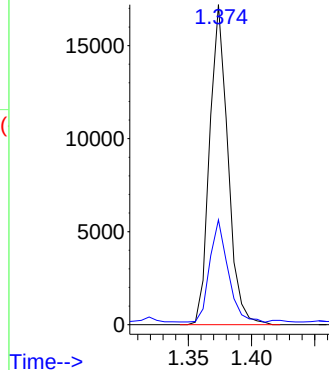
62 100

64 31.9 25.5 38.3

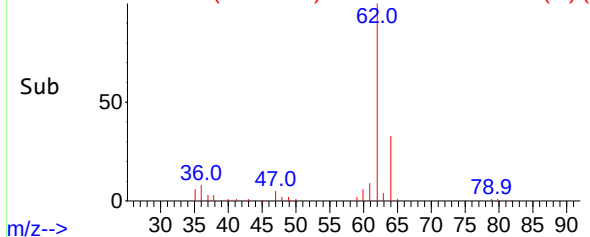
Abundance Scan 47 (1.374 min): VX028874.D\data.ms



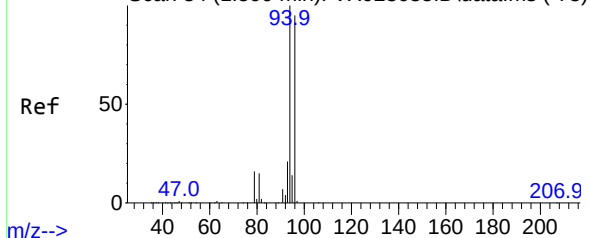
Abundance



Abundance Scan 47 (1.374 min): VX028874.D\data.ms (-1)



Abundance Scan 84 (1.599 min): VX028635.D\data.ms (-78)



#5

Bromomethane

Concen: Below Cal

RT: 1.618 min Scan# 87

Delta R.T. 0.019 min

Lab File: VX028874.D

Acq: 21 May 2022 01:28

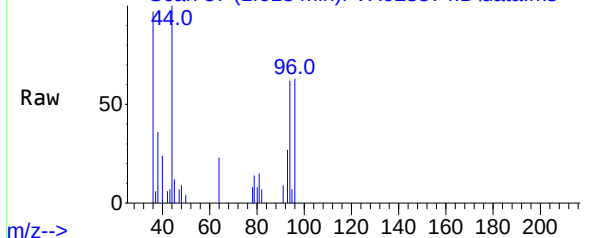
Tgt Ion: 94 Resp: 1363

Ion Ratio Lower Upper

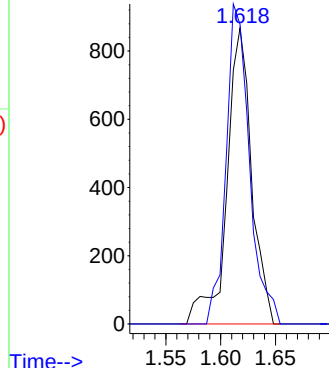
94 100

96 101.3 75.3 112.9

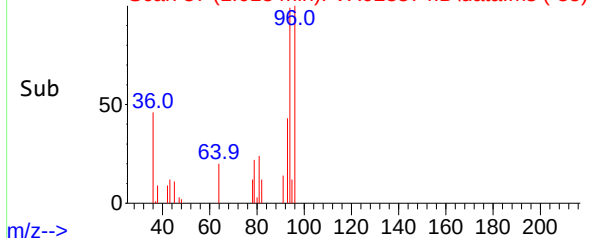
Abundance Scan 87 (1.618 min): VX028874.D\data.ms

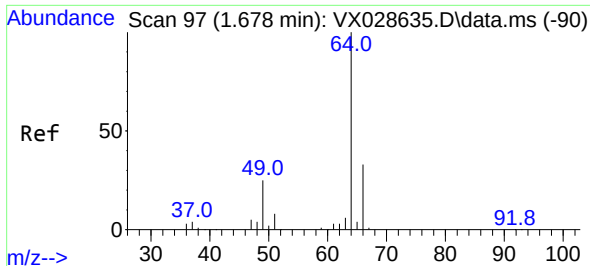


Abundance



Abundance Scan 87 (1.618 min): VX028874.D\data.ms (-35)

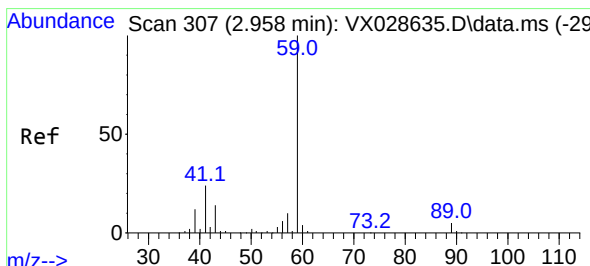
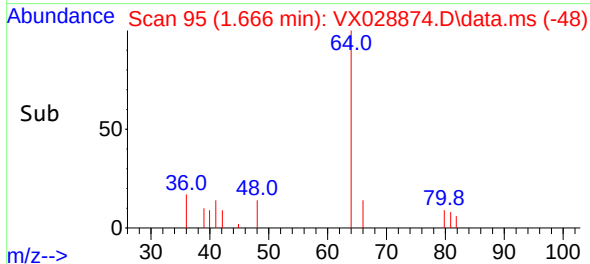
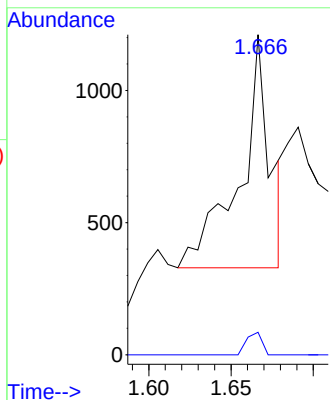
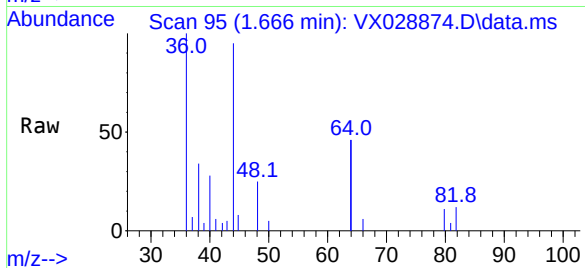




#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX028874.D
Acq: 21 May 2022 01:28

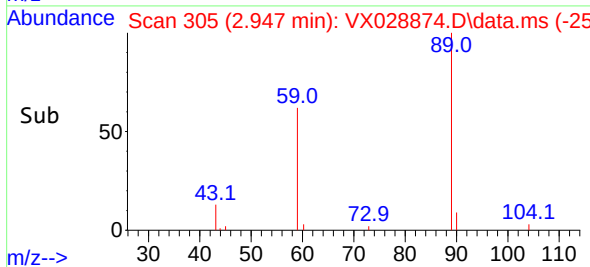
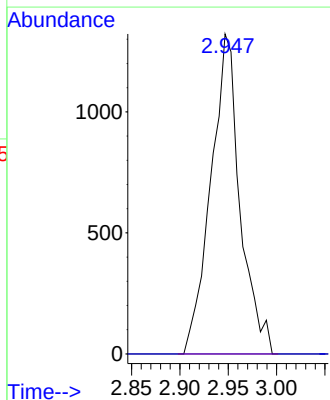
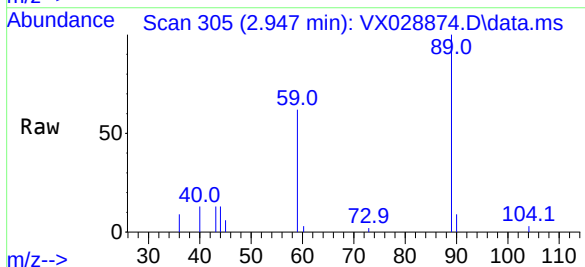
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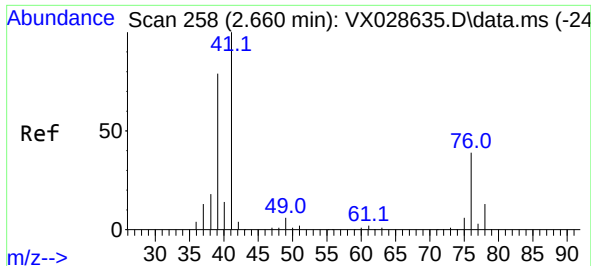
Tgt Ion: 64 Resp: 1121
Ion Ratio Lower Upper
64 100
66 9.6 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028874.D
Acq: 21 May 2022 01:28

Tgt Ion: 59 Resp: 2775
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

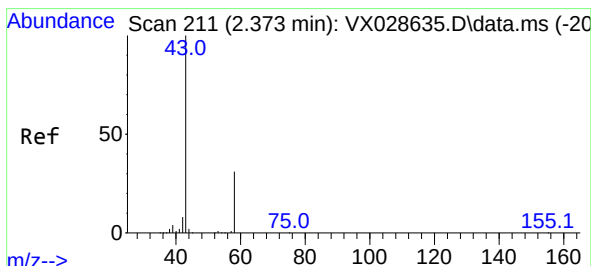
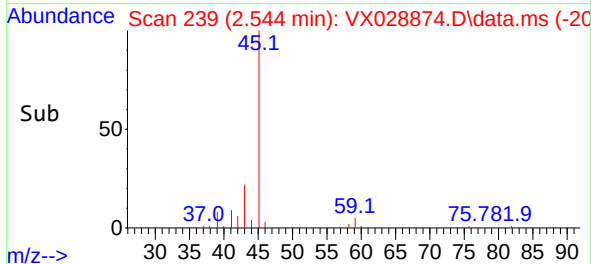
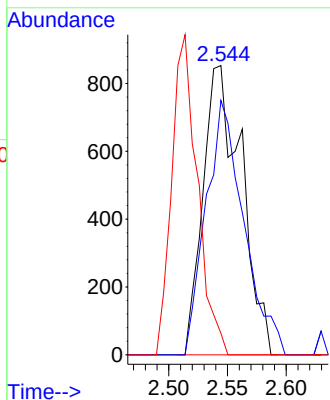
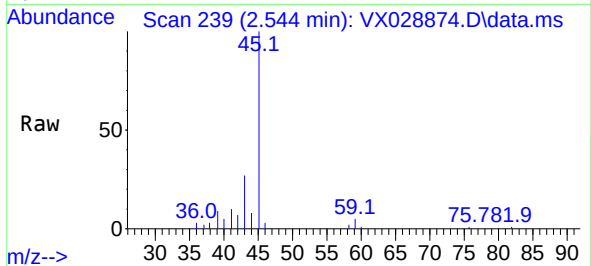




#14
 Allyl chloride
 Concen: 0.362 ug/l
 RT: 2.544 min Scan# 212
 Delta R.T. -0.116 min
 Lab File: VX028874.D
 Acq: 21 May 2022 01:28

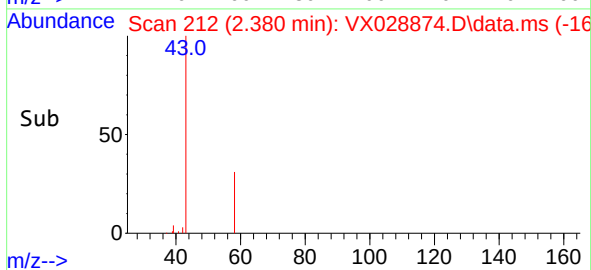
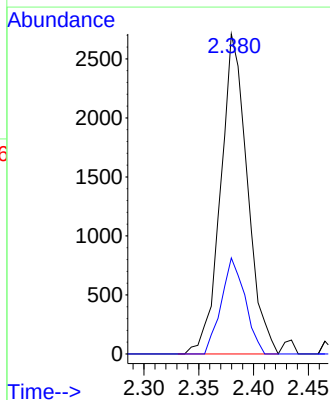
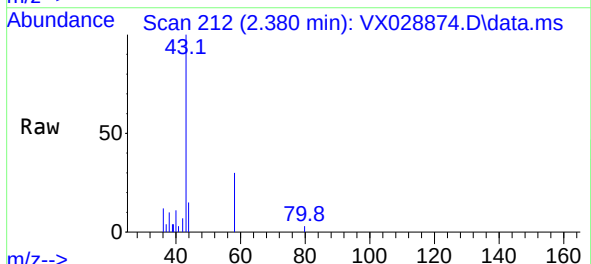
Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20220519

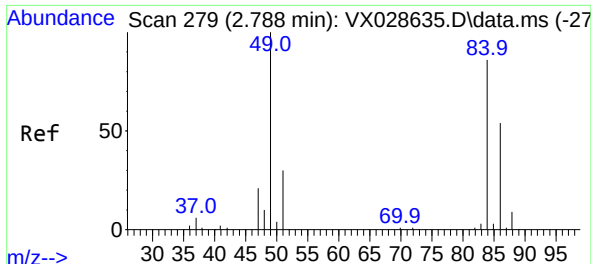
Tgt Ion: 41 Resp: 1929
 Ion Ratio Lower Upper
 41 100
 39 86.9 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 2.433 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. 0.007 min
 Lab File: VX028874.D
 Acq: 21 May 2022 01:28

Tgt Ion: 43 Resp: 4592
 Ion Ratio Lower Upper
 43 100
 58 30.0 28.8 43.2



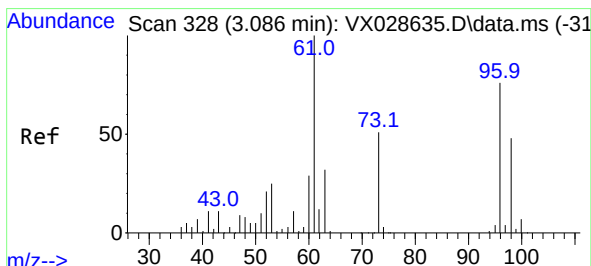
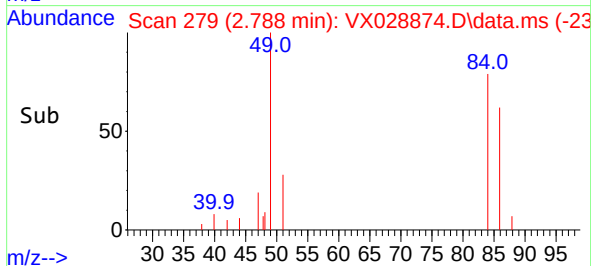
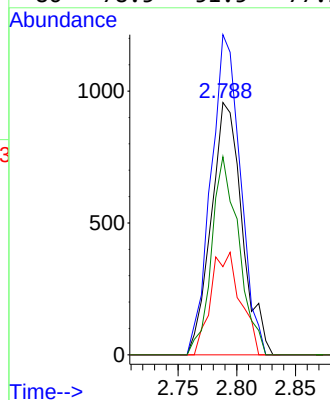
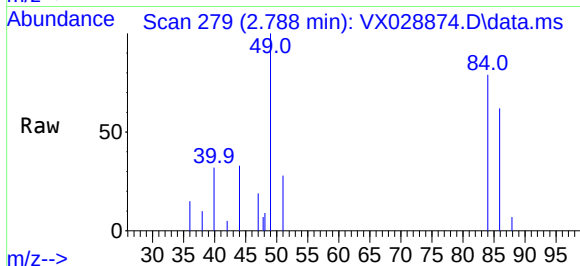


#20
Methylene Chloride
Concen: 0.442 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028874.D
Acq: 21 May 2022 01:28

Instrument :
MSVOA_X
ClientSampleId :
TB02-20220519

Tgt Ion: 84 Resp: 1752

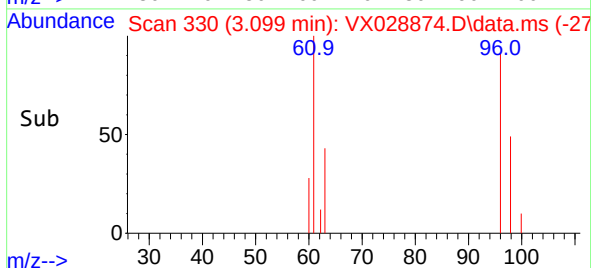
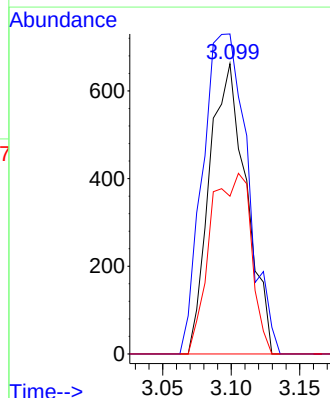
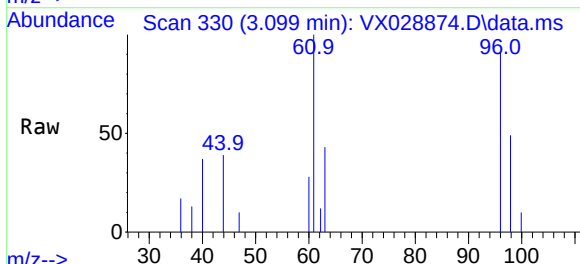
Ion	Ratio	Lower	Upper
84	100		
49	126.9	85.5	128.3
51	34.9	26.6	39.8
86	78.5	51.5	77.3

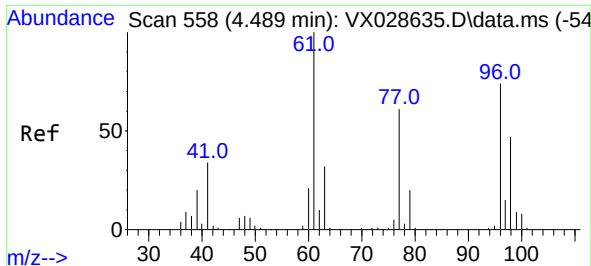


#21
trans-1,2-Dichloroethene
Concen: 0.330 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.013 min
Lab File: VX028874.D
Acq: 21 May 2022 01:28

Tgt Ion: 96 Resp: 1235

Ion	Ratio	Lower	Upper
96	100		
61	110.3	105.4	158.2
98	54.4	50.0	75.0

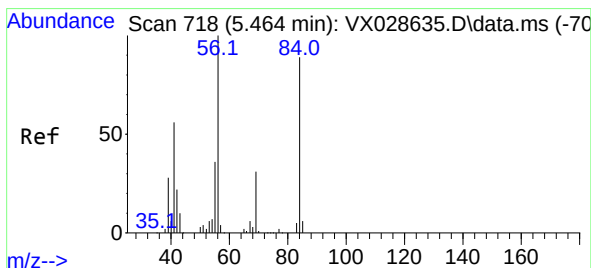
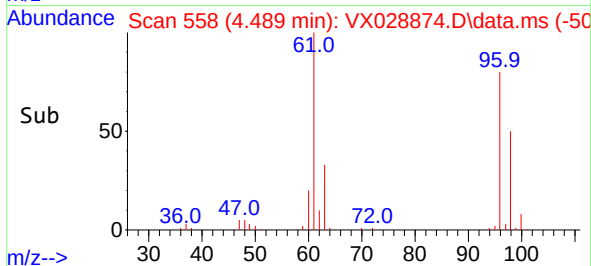
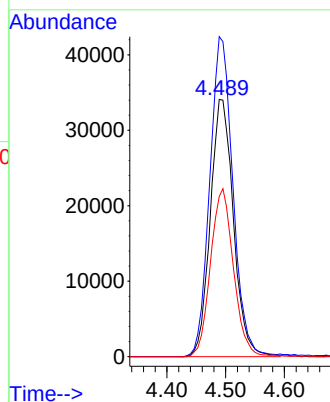
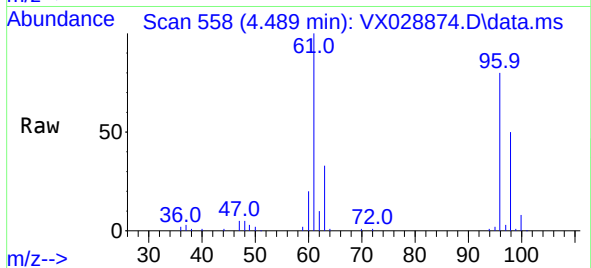




#27
cis-1,2-Dichloroethene
Concen: 21.364 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX028874.D
Acq: 21 May 2022 01:28

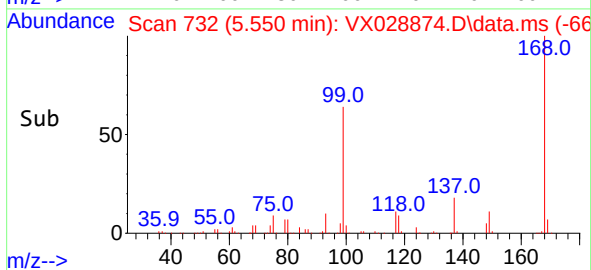
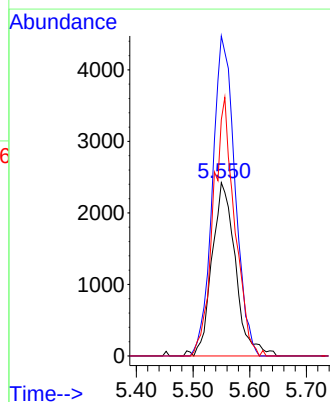
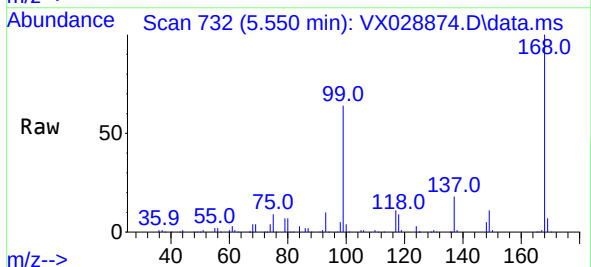
Instrument :
MSVOA_X
ClientSampleId :
TB02-20220519

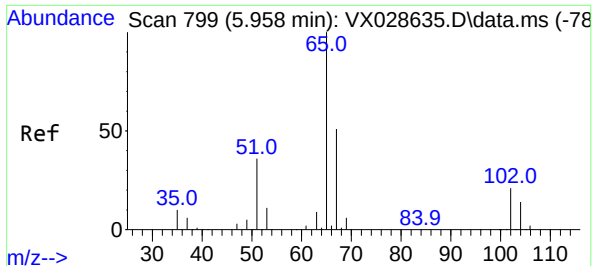
Tgt Ion: 96 Resp: 93325
Ion Ratio Lower Upper
96 100
61 124.2 0.0 283.8
98 64.8 0.0 129.8



#31
Cyclohexane
Concen: 1.140 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX028874.D
Acq: 21 May 2022 01:28

Tgt Ion: 56 Resp: 6961
Ion Ratio Lower Upper
56 100
69 184.7 26.7 40.1#
84 136.4 77.2 115.8#

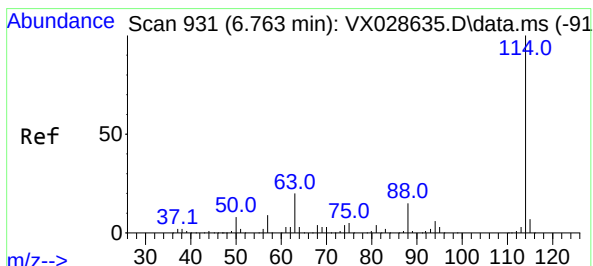
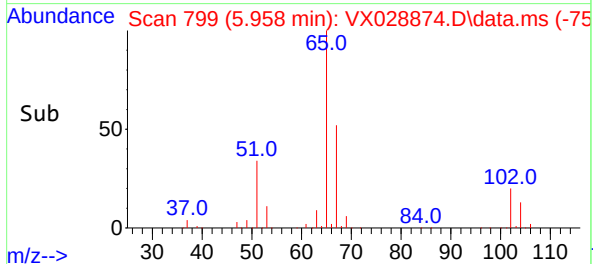
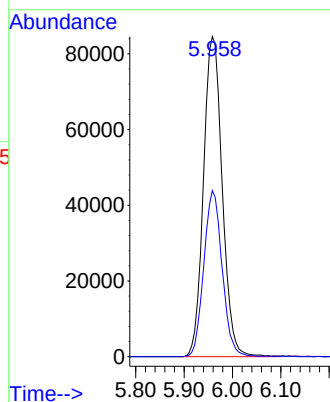
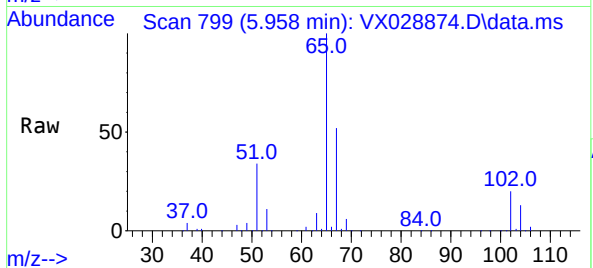




#33
1,2-Dichloroethane-d4
Concen: 51.874 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028874.D
Acq: 21 May 2022 01:28

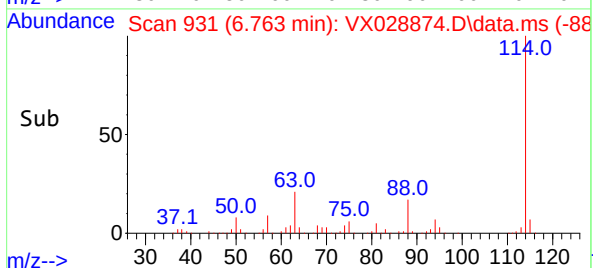
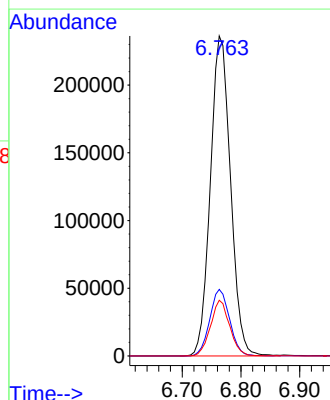
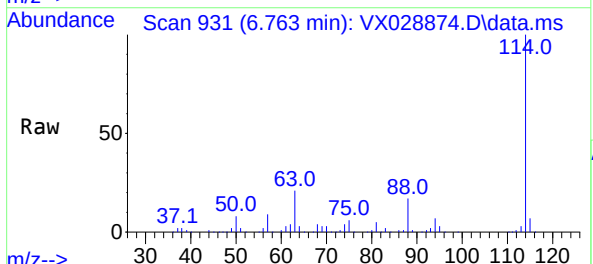
Instrument :
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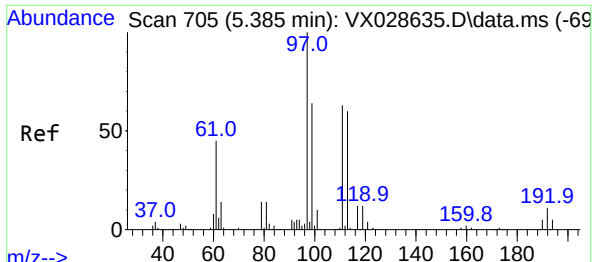
Tgt Ion: 65 Resp: 228139
Ion Ratio Lower Upper
65 100
67 50.6 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX028874.D
Acq: 21 May 2022 01:28

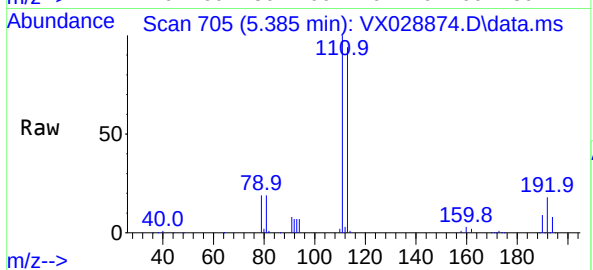
Tgt Ion: 114 Resp: 563406
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.8
88 17.4 0.0 32.4



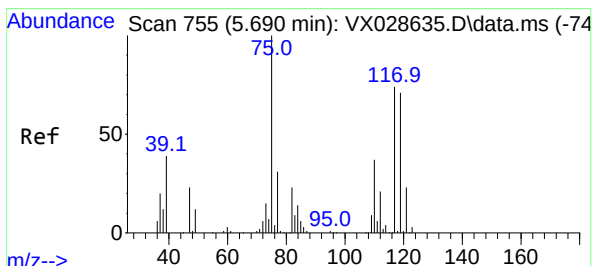
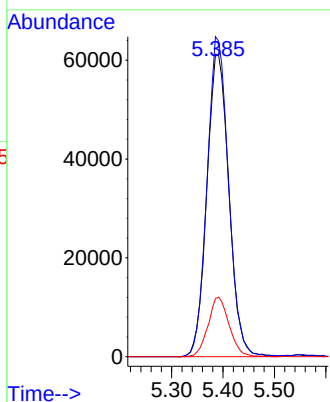
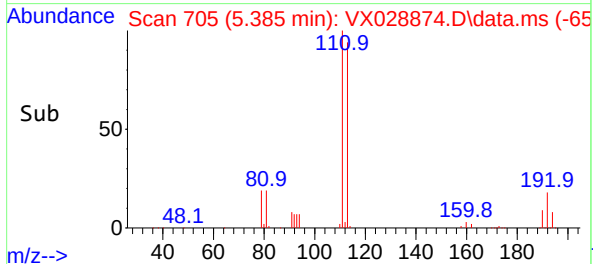


#35
Dibromofluoromethane
Concen: 49.517 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028874.D
Acq: 21 May 2022 01:28

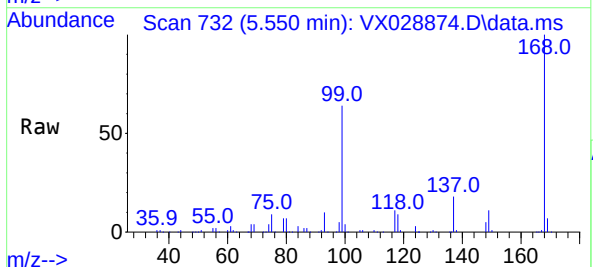
Instrument :
MSVOA_X
ClientSampleId :
TB02-20220519



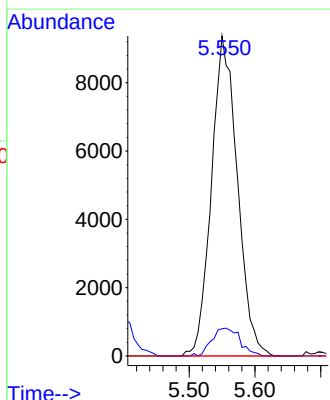
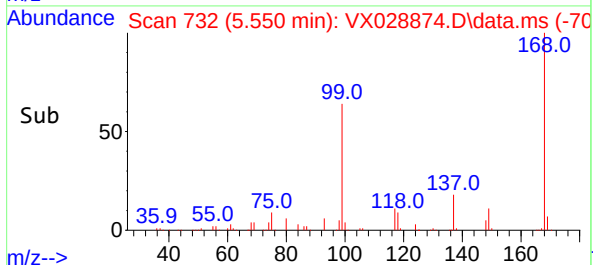
Tgt Ion:113 Resp: 182784
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.7 16.9 25.3

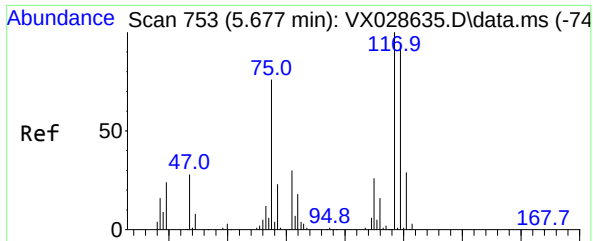


#36
1,1-Dichloropropene
Concen: 4.633 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX028874.D
Acq: 21 May 2022 01:28



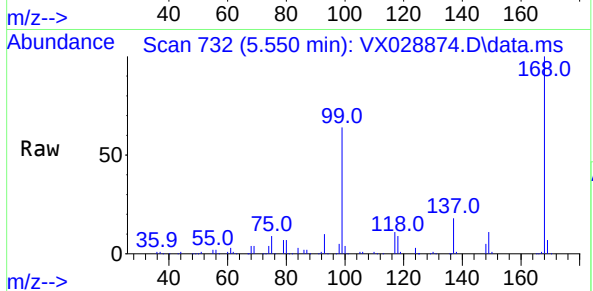
Tgt Ion: 75 Resp: 25685
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 24.8 37.2#



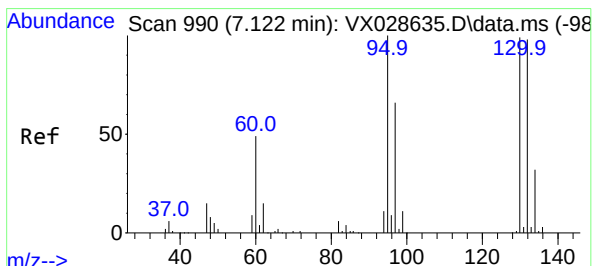
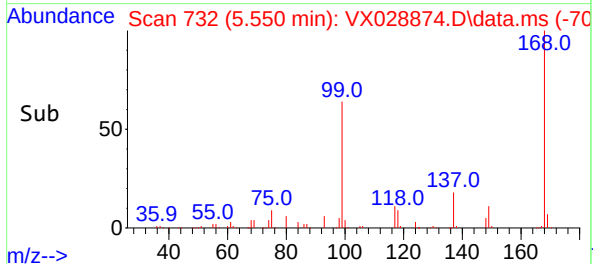
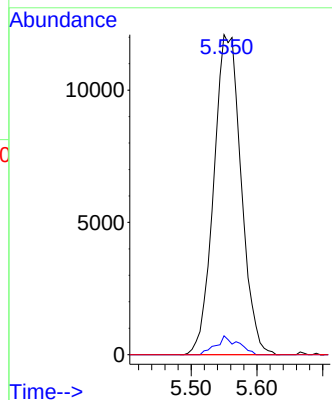


#38
Carbon Tetrachloride
Concen: 6.279 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX028874.D
Acq: 21 May 2022 01:28

Instrument :
MSVOA_X
ClientSampleId :
TB02-20220519

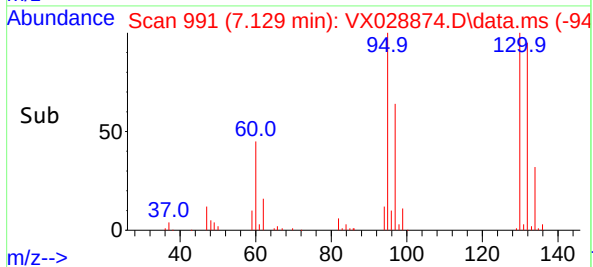
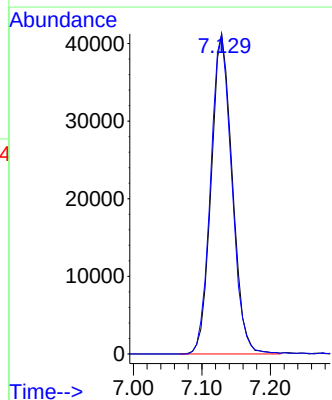
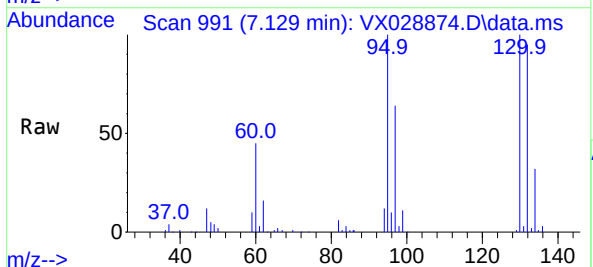


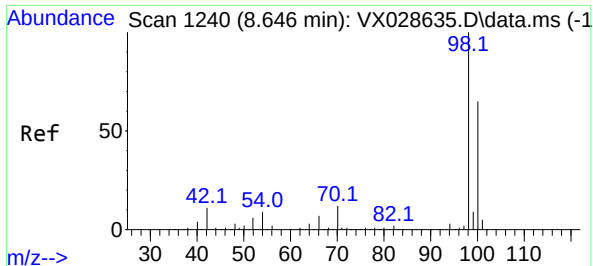
Tgt Ion:117 Resp: 35037
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 20.367 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028874.D
Acq: 21 May 2022 01:28

Tgt Ion:130 Resp: 88015
Ion Ratio Lower Upper
130 100
95 100.0 0.0 188.8

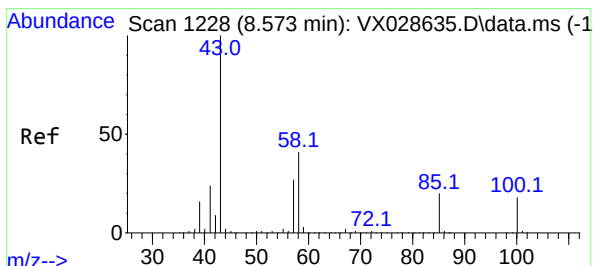
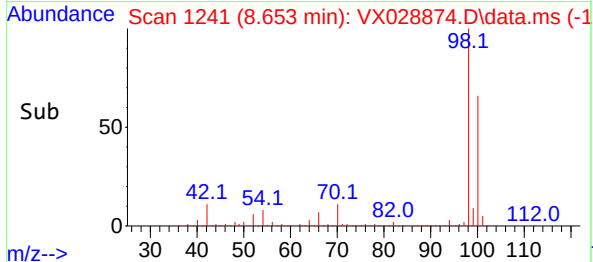
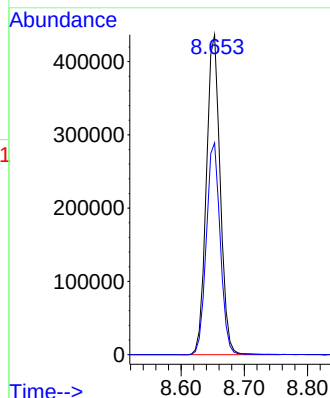
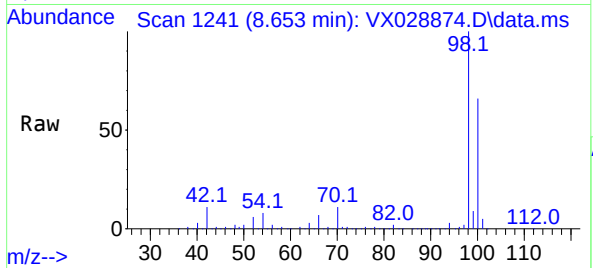




#50
Toluene-d8
Concen: 47.824 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028874.D
Acq: 21 May 2022 01:28

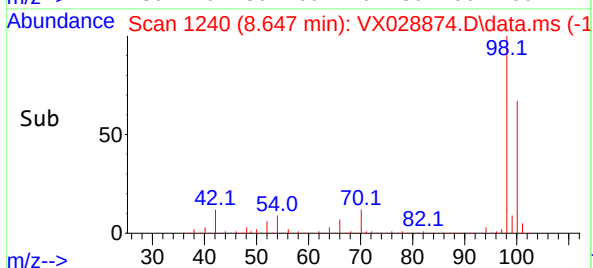
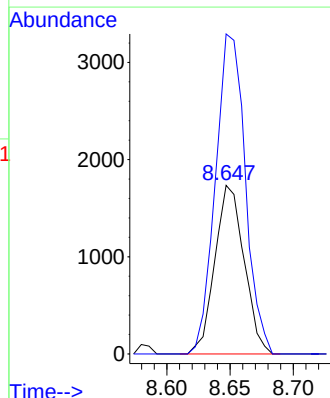
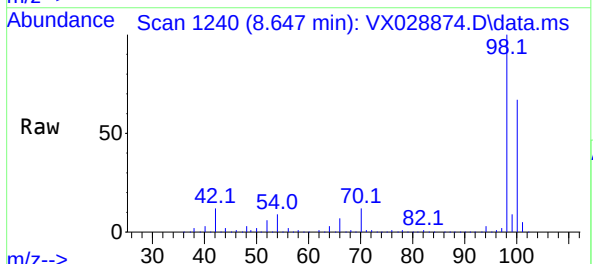
Instrument :
MSVOA_X
ClientSampleId :
TB02-20220519

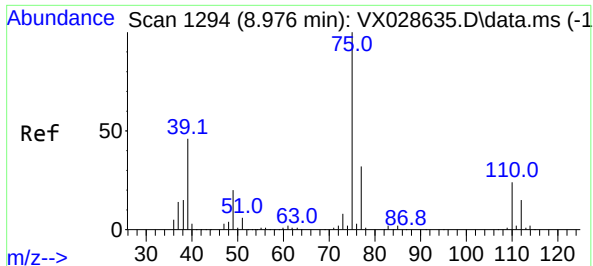
Tgt Ion: 98 Resp: 665565
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.467 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX028874.D
Acq: 21 May 2022 01:28

Tgt Ion: 43 Resp: 2789
Ion Ratio Lower Upper
43 100
58 193.7 36.1 54.1#





#53

t-1,3-Dichloropropene

Concen: 1.654 ug/l

RT: 8.988 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX028874.D

Acq: 21 May 2022 01:28

Instrument :

MSVOA_X

ClientSampleId :

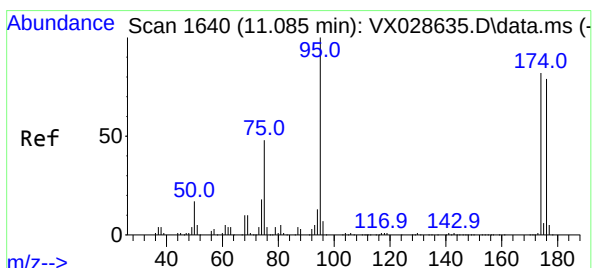
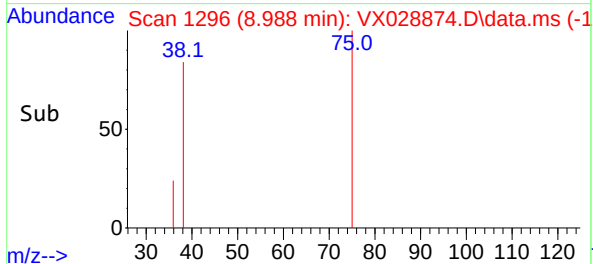
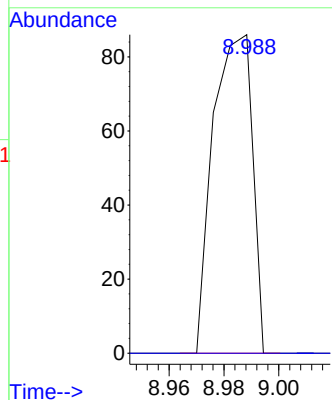
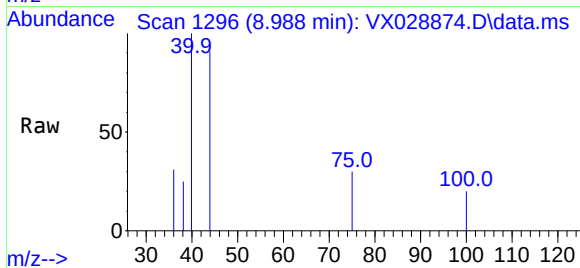
TB02-20220519

Tgt Ion: 75 Resp: 86

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#



#62

4-Bromofluorobenzene

Concen: 46.094 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028874.D

Acq: 21 May 2022 01:28

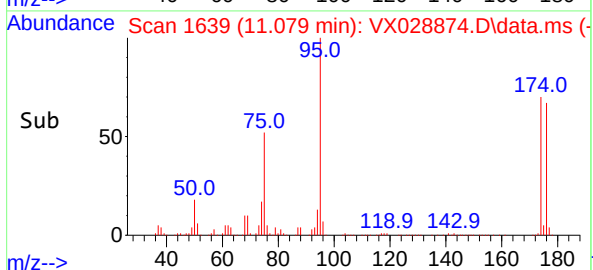
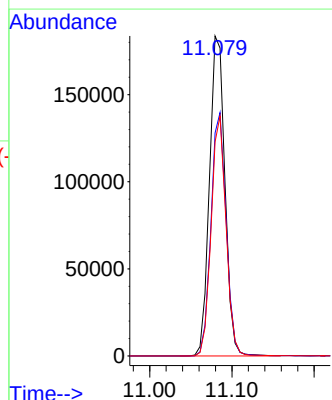
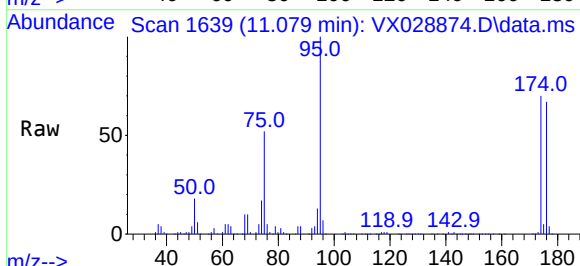
Tgt Ion: 95 Resp: 239604

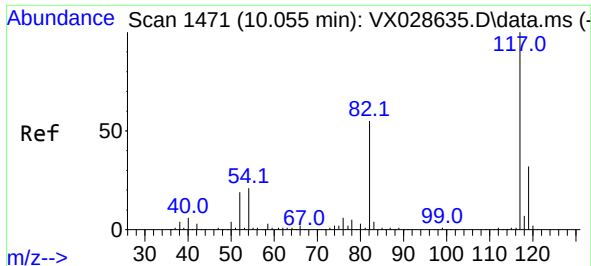
Ion Ratio Lower Upper

95 100

174 74.9 0.0 163.0

176 72.3 0.0 155.0

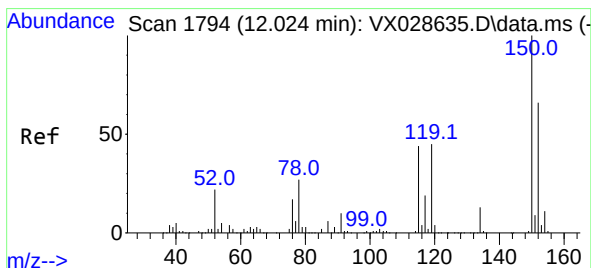
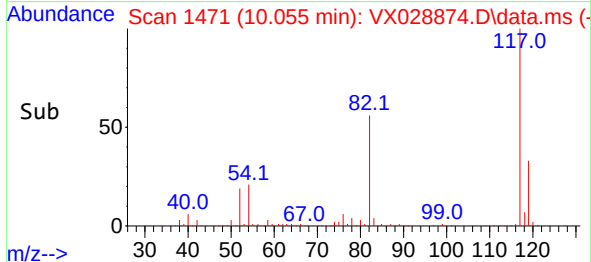
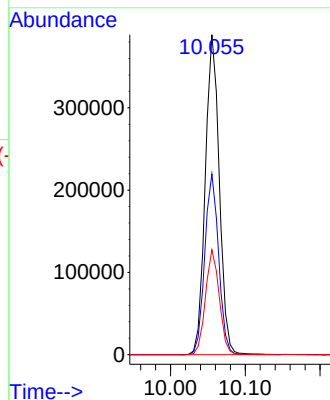
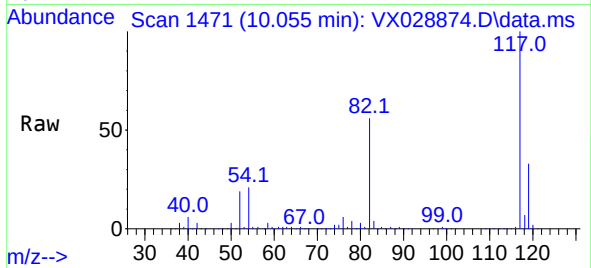




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028874.D
Acq: 21 May 2022 01:28

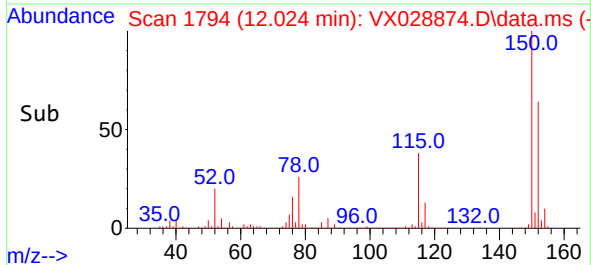
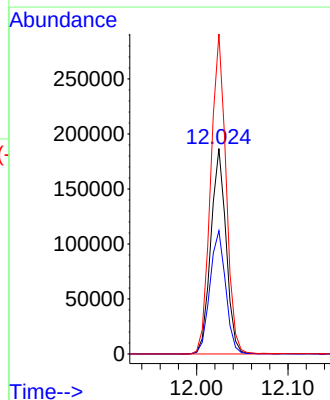
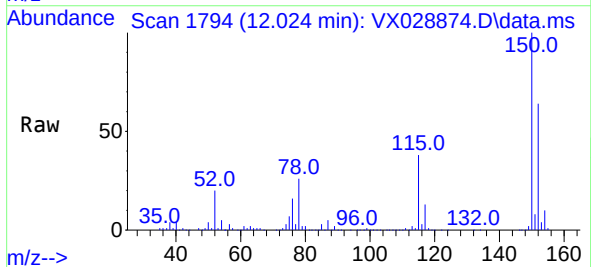
Instrument :
MSVOA_X
ClientSampleId :
TB02-20220519

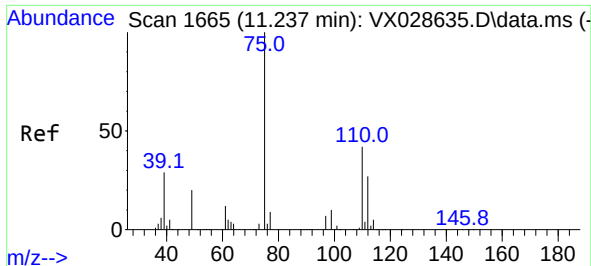
Tgt Ion:117 Resp: 506549
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028874.D
Acq: 21 May 2022 01:28

Tgt Ion:152 Resp: 217091
Ion Ratio Lower Upper
152 100
115 61.8 37.5 112.7
150 156.7 0.0 338.2

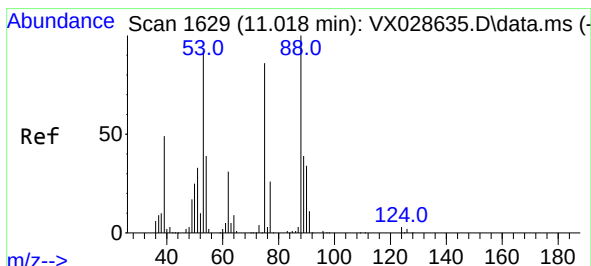
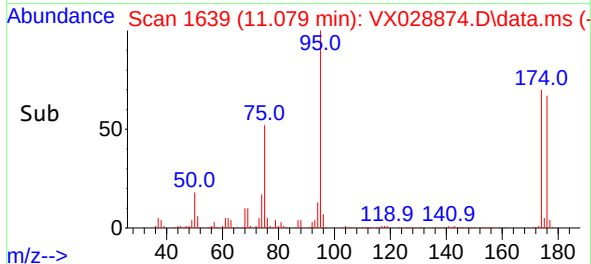
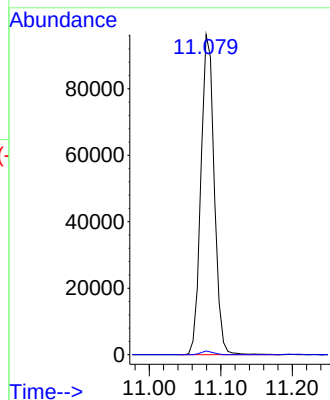
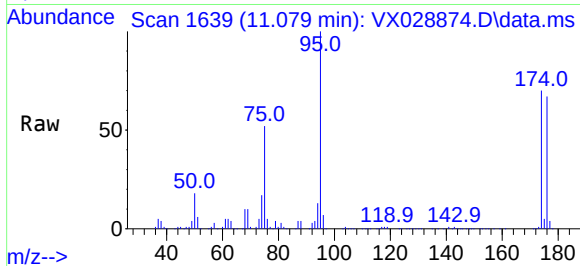




#76
1,2,3-Trichloropropane
Concen: 24.515 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028874.D
Acq: 21 May 2022 01:28

Instrument :
MSVOA_X
ClientSampleId :
TB02-20220519

Tgt Ion: 75 Resp: 124636
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.344 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028874.D
Acq: 21 May 2022 01:28

Tgt Ion: 75 Resp: 124636
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

