

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028783.D
 Acq On : 18 May 2022 01:49
 Operator : JC/MD
 Sample : PB144875ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB144875ZHE#02

Quant Time: May 18 05:00:28 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

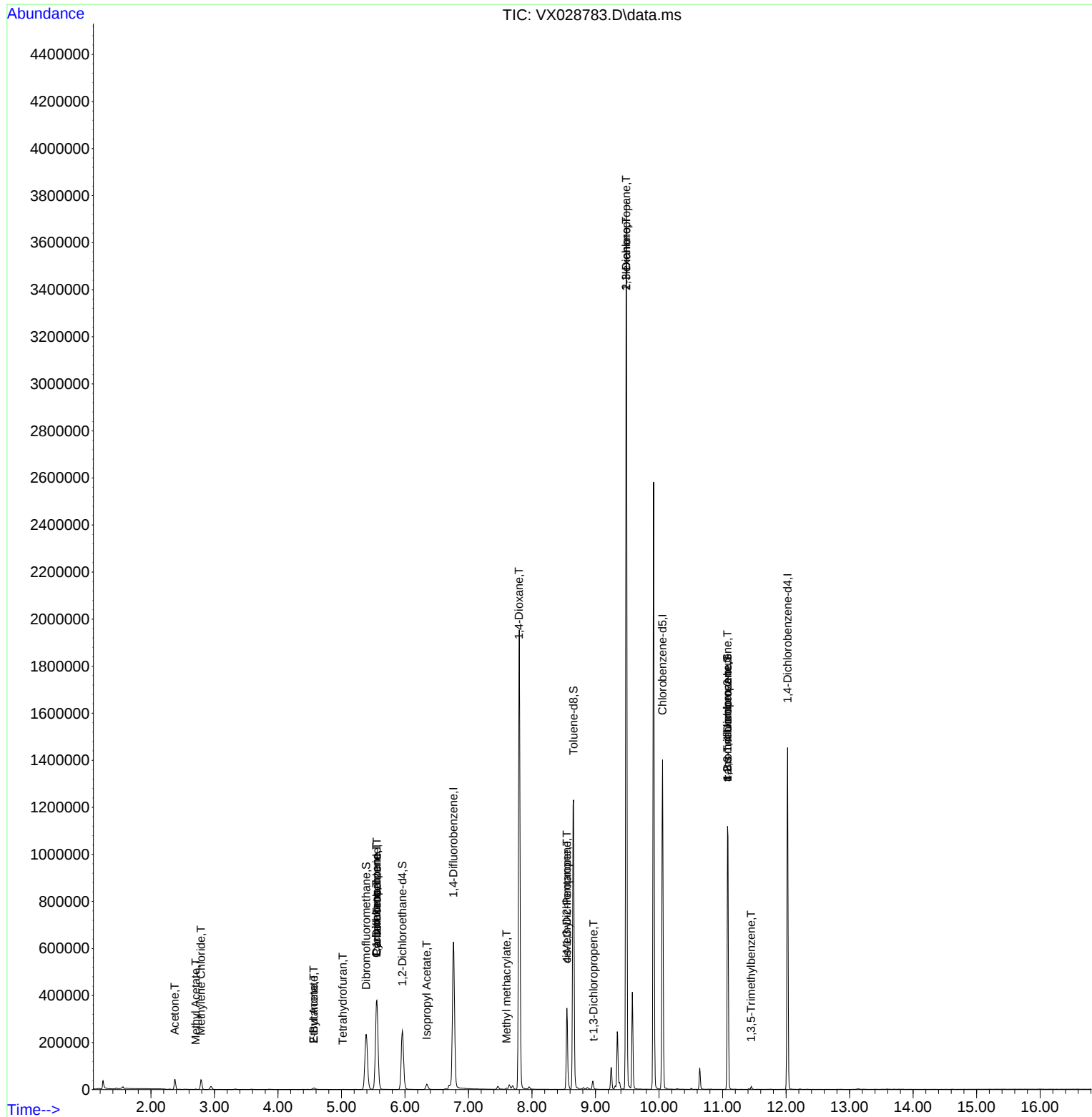
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	349232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	622779	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	597327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	285629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	252764	52.800	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.600%	
35) Dibromofluoromethane	5.385	113	206427	50.590	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.180%	
50) Toluene-d8	8.653	98	741926	48.228	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.460%	
62) 4-Bromofluorobenzene	11.079	95	304681	53.026	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 106.060%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	677	Below Cal	#	1
6) Chloroethane	1.672	64	331	Below Cal	#	49
11) Tert butyl alcohol	2.940	59	7826	Below Cal	#	74
16) Acetone	2.373	43	46684	22.722	ug/l	89
18) Methyl Acetate	2.703	43	2234	0.434	ug/l	90
20) Methylene Chloride	2.788	84	18338	4.254	ug/l	88
25) 2-Butanone	4.562	43	8777	2.722	ug/l	99
29) Tetrahydrofuran	5.019	42	528	0.252	ug/l	# 42
31) Cyclohexane	5.550	56	7695	1.158	ug/l	# 14
36) 1,1-Dichloropropene	5.550	75	28896	4.715	ug/l	# 50
37) Ethyl Acetate	4.562	43	8777	1.371	ug/l	# 68
38) Carbon Tetrachloride	5.556	117	37483	6.077	ug/l	# 16
43) Isopropyl Acetate	6.342	43	30065	3.002	ug/l	96
48) Methyl methacrylate	7.598	41	7514	1.553	ug/l	# 7
49) 1,4-Dioxane	7.793	88	237	1.961	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	115572	17.520	ug/l	# 44
53) t-1,3-Dichloropropene	8.970	75	22	1.644	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	56388	8.225	ug/l	# 68
57) 1,3-Dichloropropane	9.482	76	33458	4.294	ug/l	# 43
59) 2-Hexanone	9.482	43	443175	86.474	ug/l	# 42
76) 1,2,3-Trichloropropane	11.079	75	162794	24.337	ug/l	# 38
80) 1,3,5-Trimethylbenzene	11.451	105	5409	0.300	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	162794	70.854	ug/l	# 15

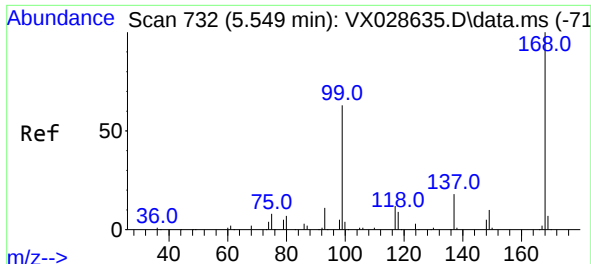
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

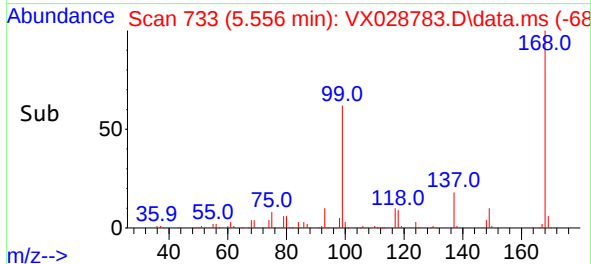
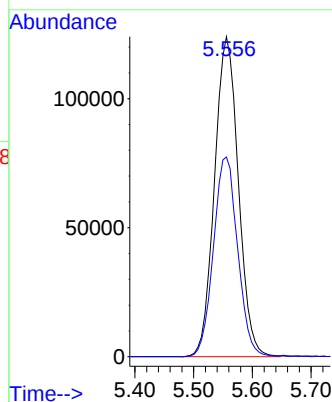
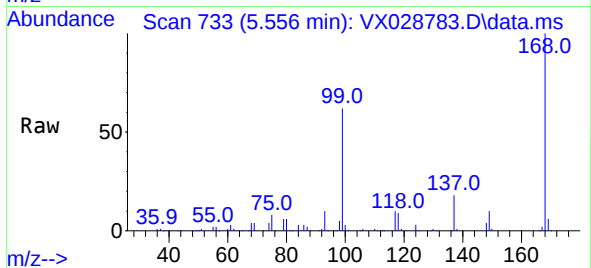




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028783.D
Acq: 18 May 2022 01:49

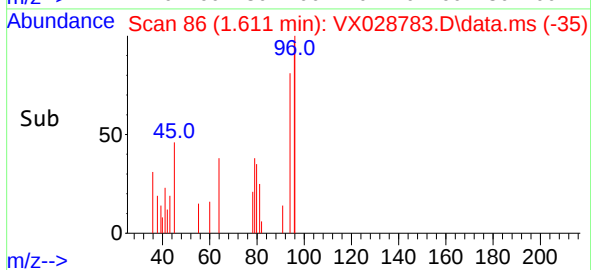
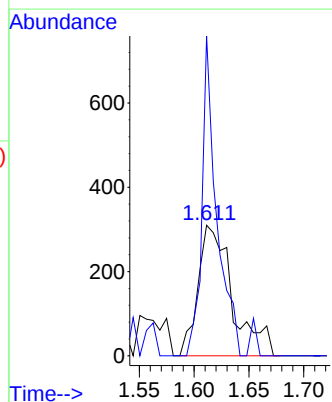
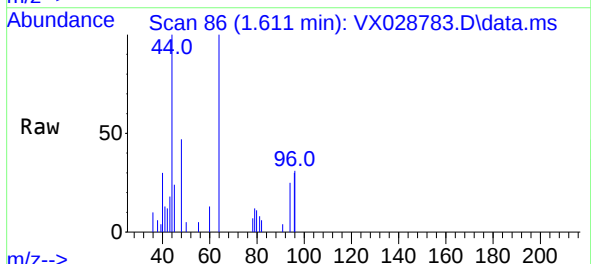
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#02

Tgt Ion:168 Resp: 349232
Ion Ratio Lower Upper
168 100
99 62.4 41.7 62.5

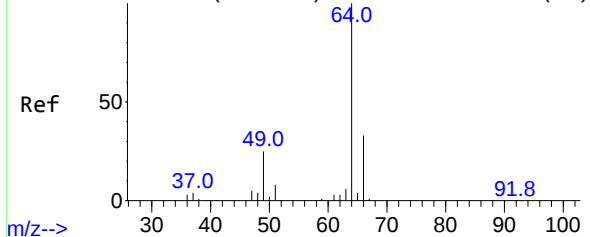


#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX028783.D
Acq: 18 May 2022 01:49

Tgt Ion: 94 Resp: 677
Ion Ratio Lower Upper
94 100
96 244.8 75.3 112.9#



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)

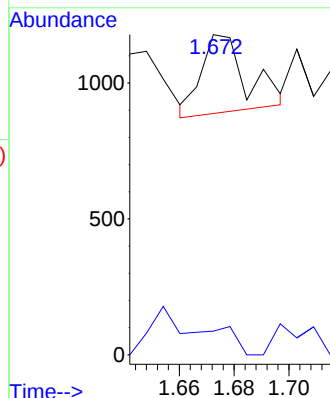
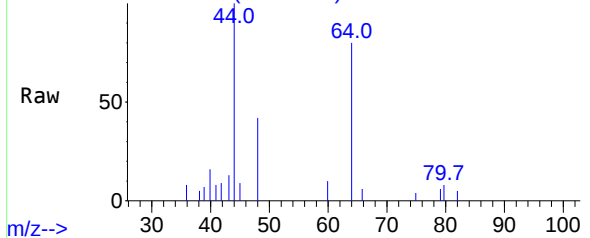


#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 90
Delta R.T. -0.006 min
Lab File: VX028783.D
Acq: 18 May 2022 01:49

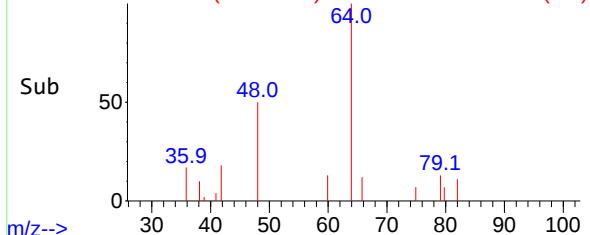
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#02

Tgt Ion: 64 Resp: 331
Ion Ratio Lower Upper
64 100
66 3.5 25.3 37.9#

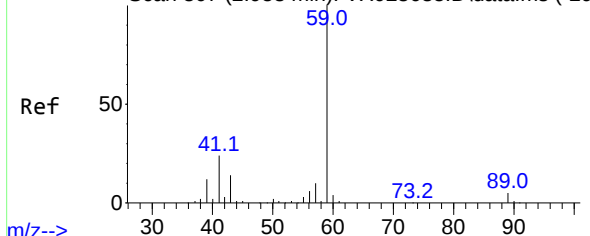
Abundance Scan 96 (1.672 min): VX028783.D\data.ms



Abundance Scan 96 (1.672 min): VX028783.D\data.ms (-48)



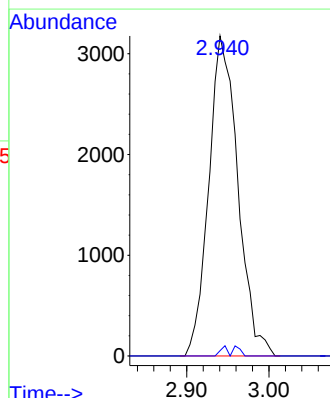
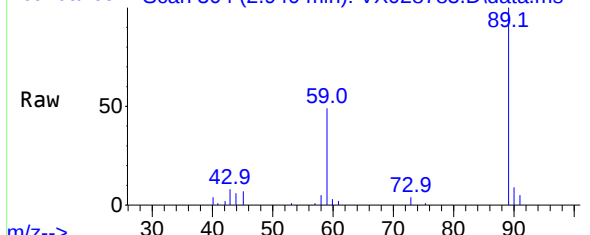
Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



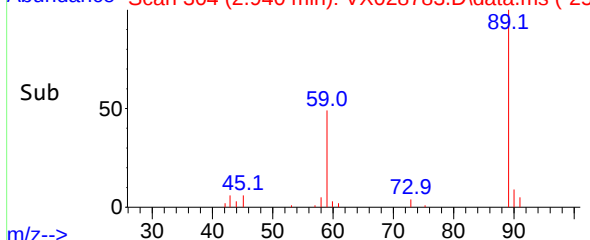
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX028783.D
Acq: 18 May 2022 01:49

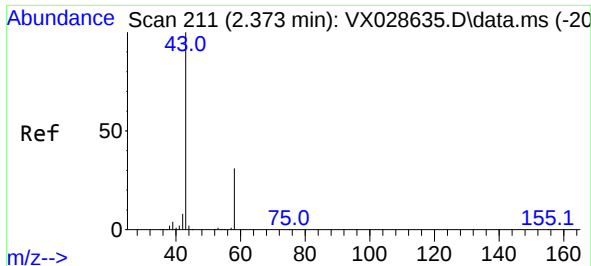
Tgt Ion: 59 Resp: 7826
Ion Ratio Lower Upper
59 100
57 0.7 8.3 12.5#

Abundance Scan 304 (2.940 min): VX028783.D\data.ms



Abundance Scan 304 (2.940 min): VX028783.D\data.ms (-25)

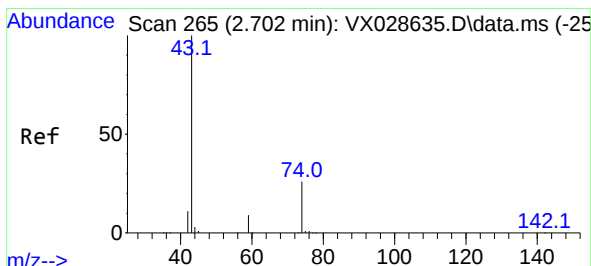
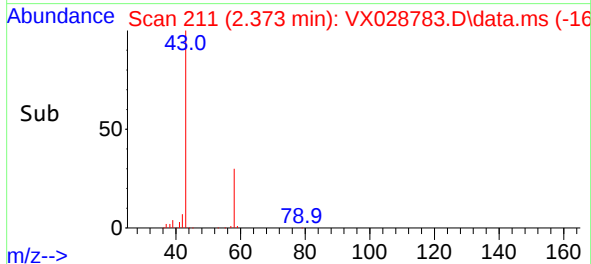
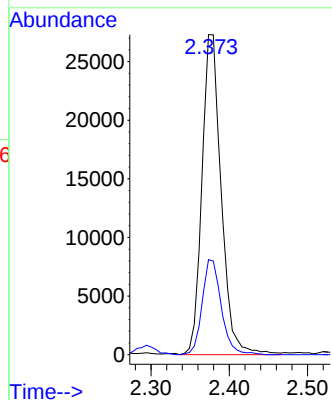
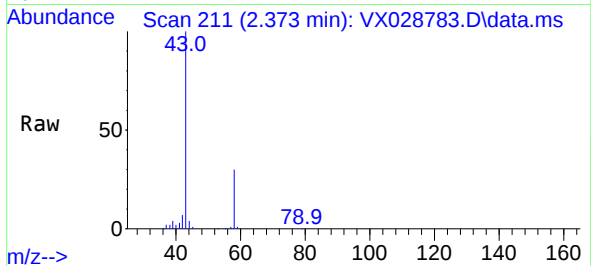




#16
Acetone
Concen: 22.722 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX028783.D
Acq: 18 May 2022 01:49

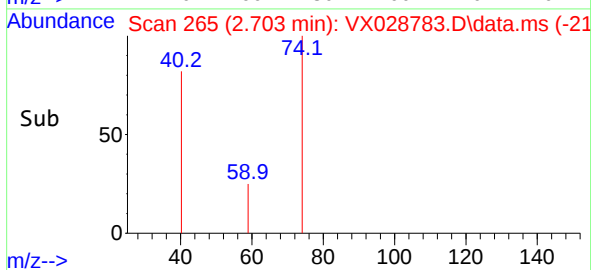
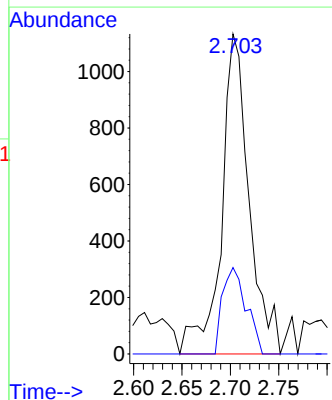
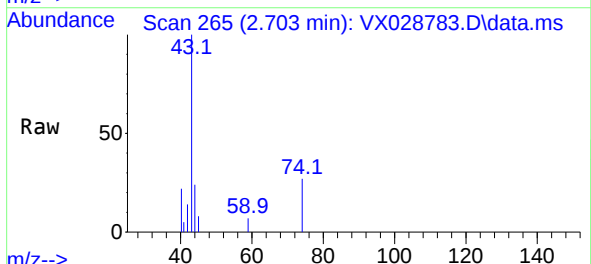
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#02

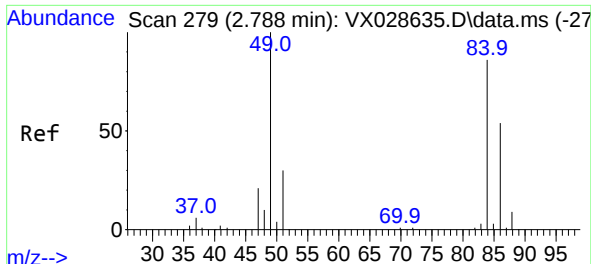
Tgt Ion: 43 Resp: 46684
Ion Ratio Lower Upper
43 100
58 29.7 28.8 43.2



#18
Methyl Acetate
Concen: 0.434 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028783.D
Acq: 18 May 2022 01:49

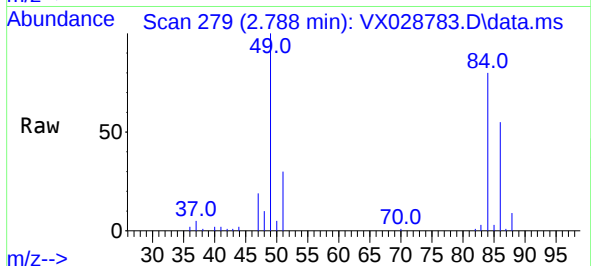
Tgt Ion: 43 Resp: 2234
Ion Ratio Lower Upper
43 100
74 23.3 22.8 34.2





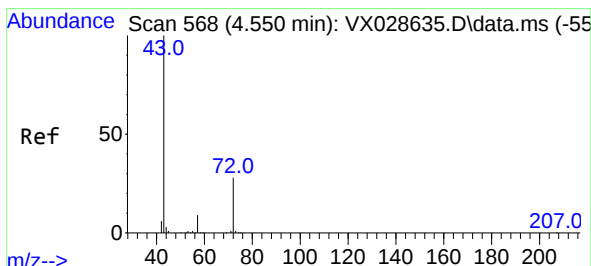
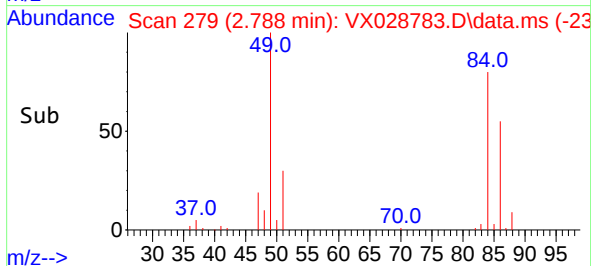
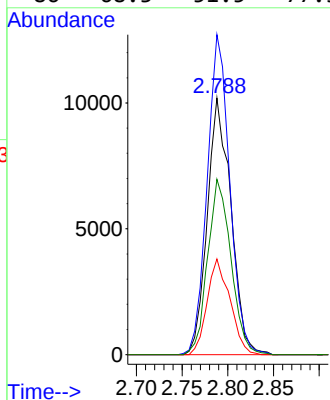
#20
Methylene Chloride
Concen: 4.254 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028783.D
Acq: 18 May 2022 01:49

Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#02



Tgt Ion: 84 Resp: 18338

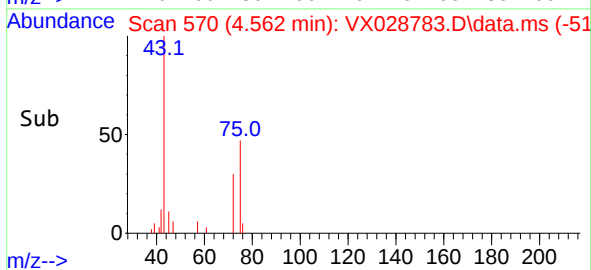
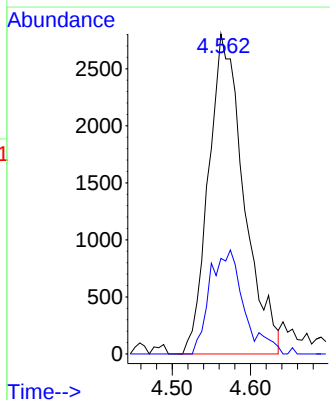
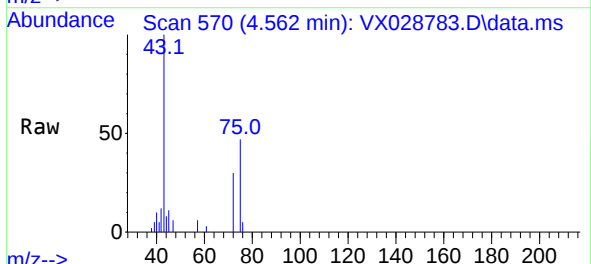
Ion	Ratio	Lower	Upper
84	100		
49	124.7	85.5	128.3
51	37.3	26.6	39.8
86	68.3	51.5	77.3

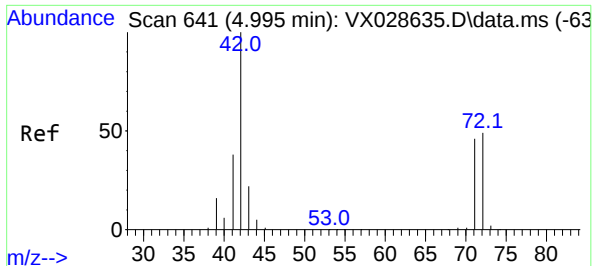


#25
2-Butanone
Concen: 2.722 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.012 min
Lab File: VX028783.D
Acq: 18 May 2022 01:49

Tgt Ion: 43 Resp: 8777

Ion	Ratio	Lower	Upper
43	100		
72	29.8	24.4	36.6





#29

Tetrahydrofuran

Concen: 0.252 ug/l

RT: 5.019 min Scan# 641

Delta R.T. 0.024 min

Lab File: VX028783.D

Acq: 18 May 2022 01:49

Instrument :

MSVOA_X

ClientSampleId :

PB144875ZHE#02

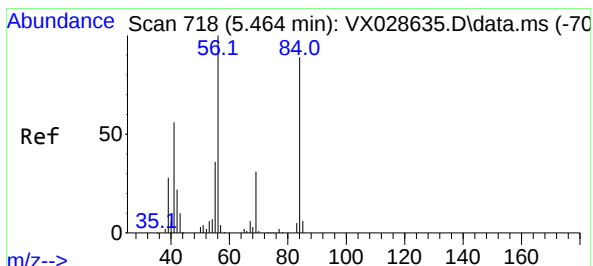
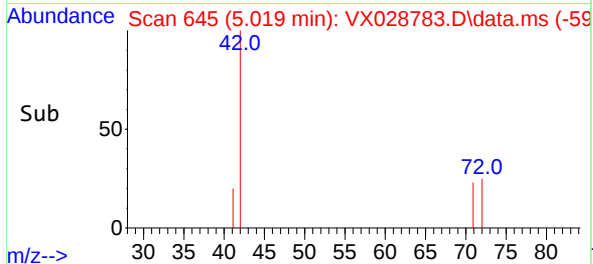
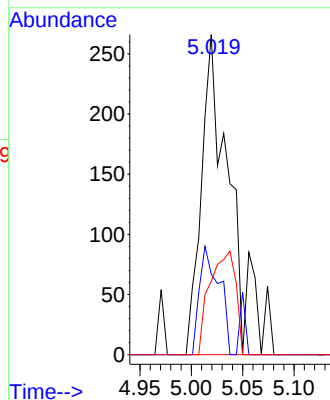
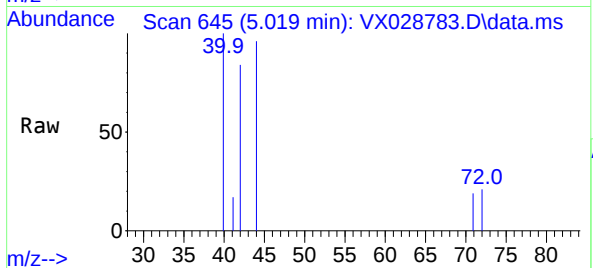
Tgt Ion: 42 Resp: 528

Ion Ratio Lower Upper

42 100

72 22.7 44.1 66.1#

71 0.0 40.5 60.7#



#31

Cyclohexane

Concen: 1.158 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.086 min

Lab File: VX028783.D

Acq: 18 May 2022 01:49

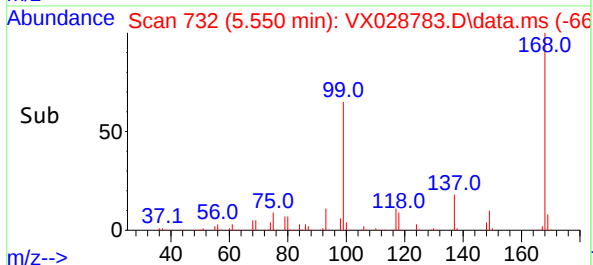
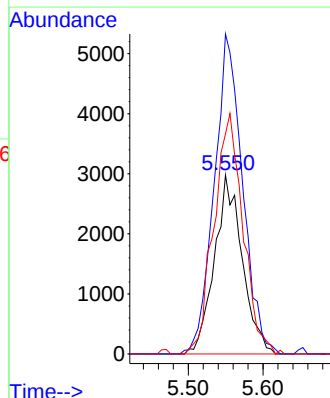
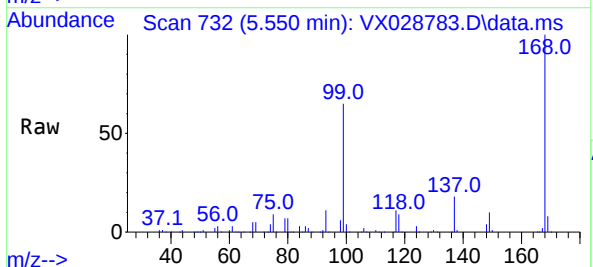
Tgt Ion: 56 Resp: 7695

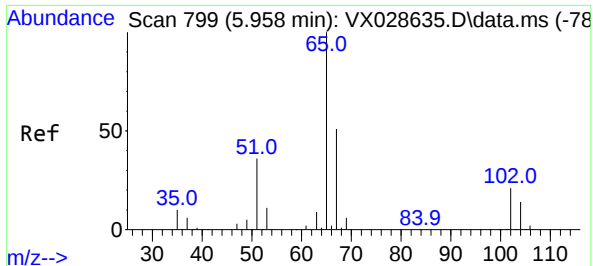
Ion Ratio Lower Upper

56 100

69 178.8 26.7 40.1#

84 122.9 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 52.800 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028783.D

Acq: 18 May 2022 01:49

Instrument :

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ClientSampleId :

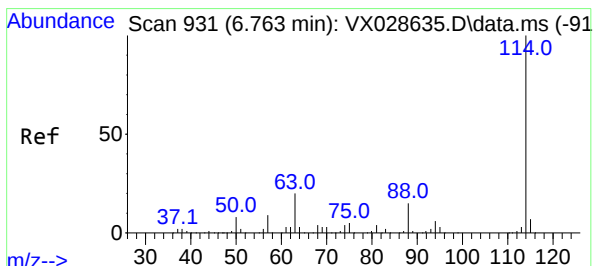
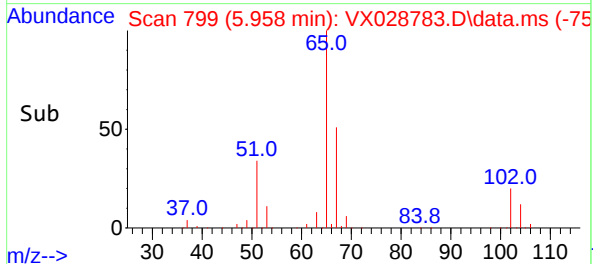
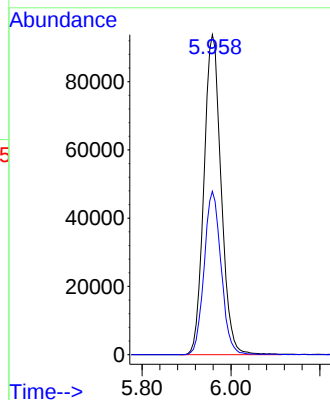
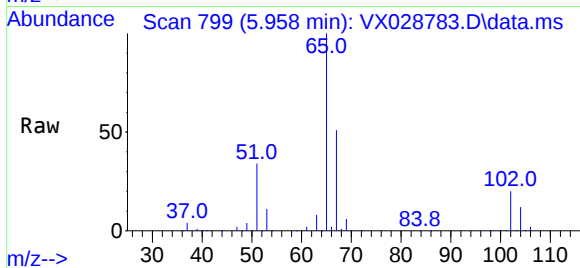
PB144875ZHE#02

Tgt Ion: 65 Resp: 252764

Ion Ratio Lower Upper

65 100

67 50.3 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: VX028783.D

Acq: 18 May 2022 01:49

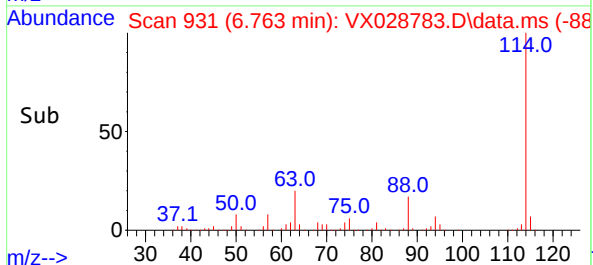
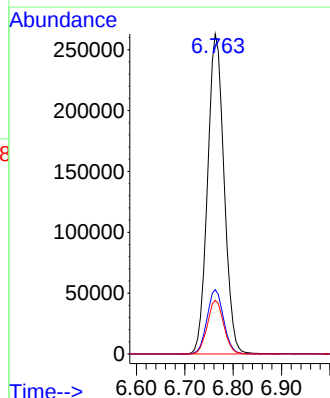
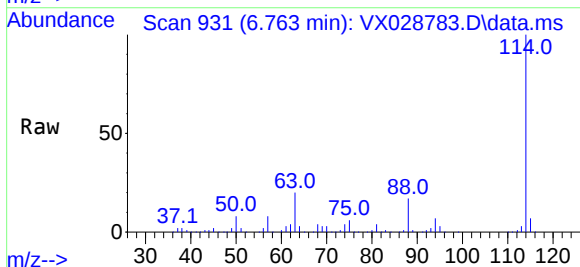
Tgt Ion: 114 Resp: 622779

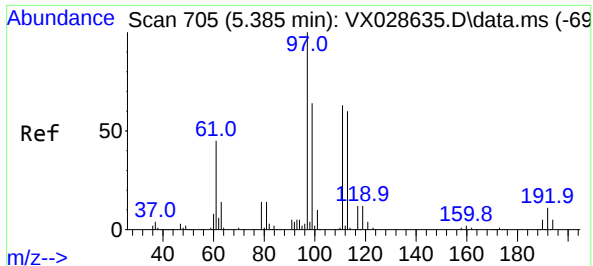
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.8

88 16.8 0.0 32.4

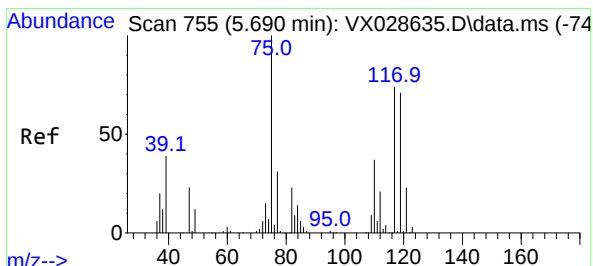
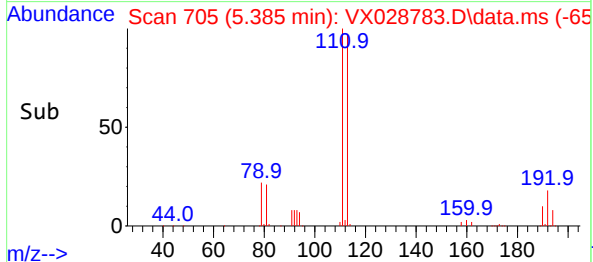
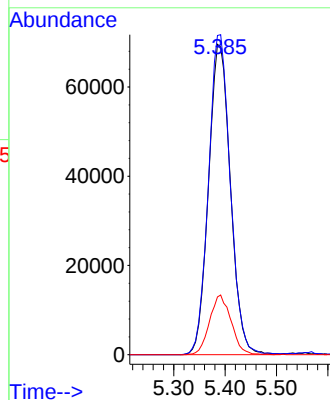
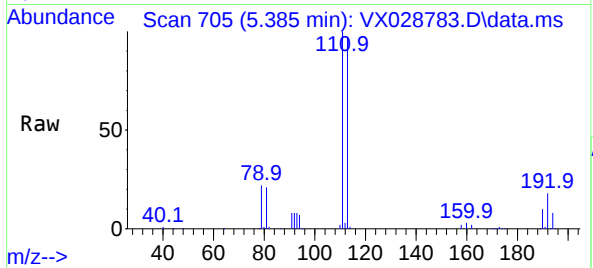




#35
Dibromofluoromethane
Concen: 50.590 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028783.D
Acq: 18 May 2022 01:49

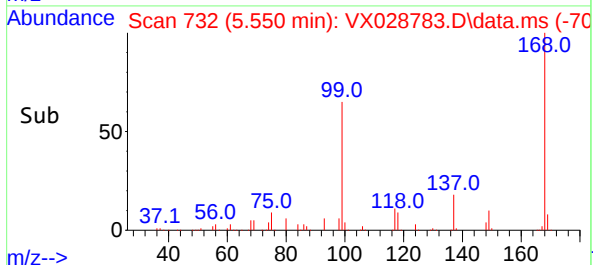
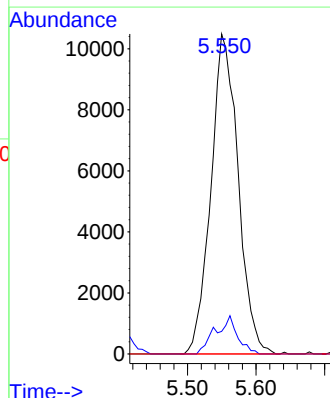
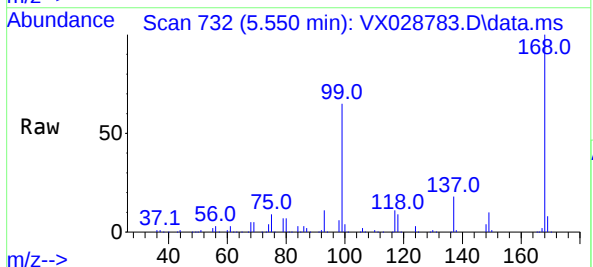
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#02

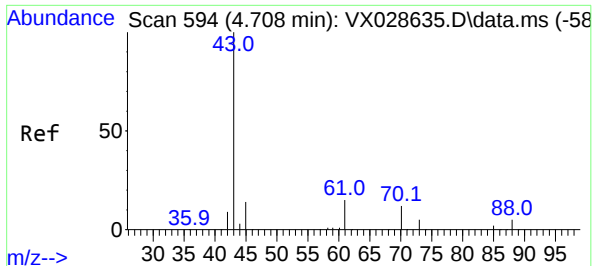
Tgt Ion:113 Resp: 206427
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.715 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX028783.D
Acq: 18 May 2022 01:49

Tgt Ion: 75 Resp: 28896
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 1.371 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.146 min

Lab File: VX028783.D

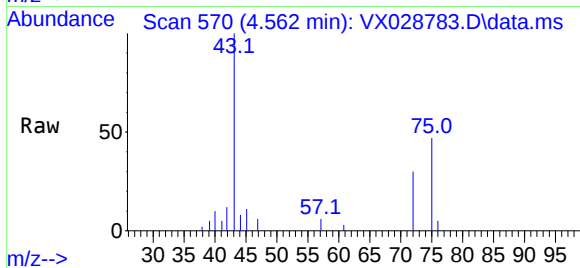
Acq: 18 May 2022 01:49

Instrument :

MSVOA_X

ClientSampleId :

PB144875ZHE#02



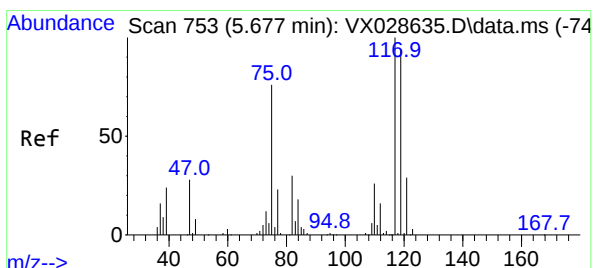
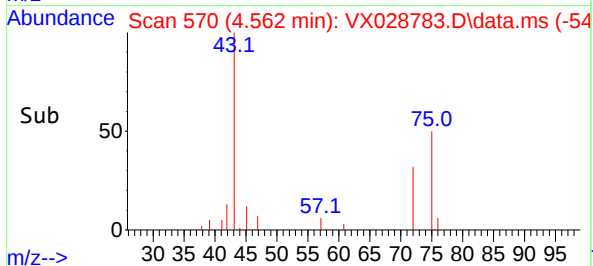
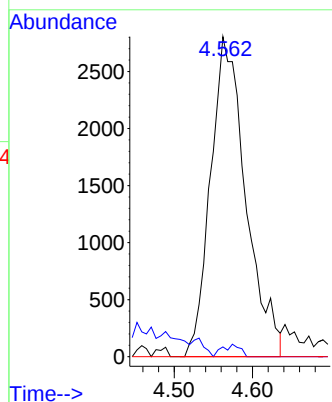
Tgt Ion: 43 Resp: 8777

Ion Ratio Lower Upper

43 100

61 1.9 12.6 19.0#

70 0.0 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 6.077 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX028783.D

Acq: 18 May 2022 01:49

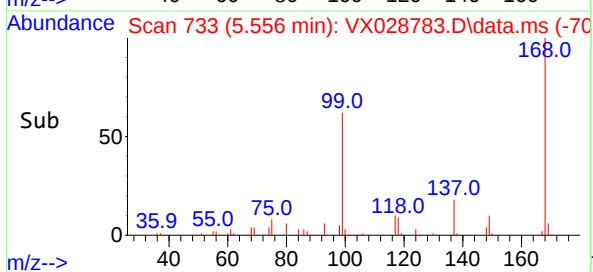
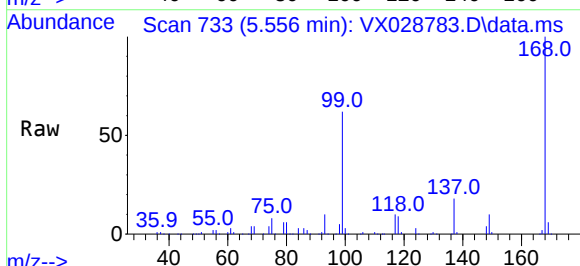
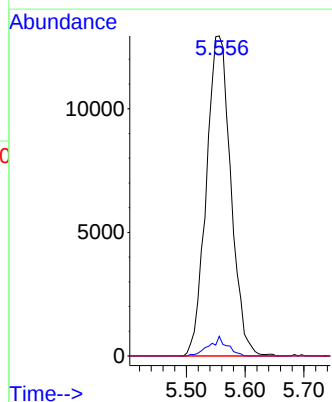
Tgt Ion: 117 Resp: 37483

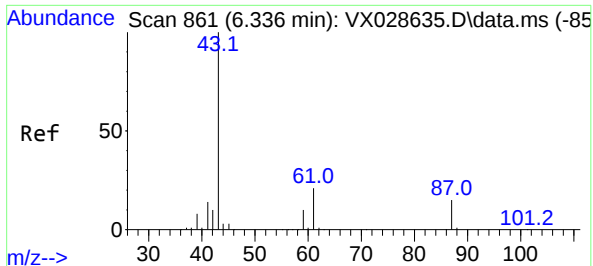
Ion Ratio Lower Upper

117 100

119 6.1 77.3 115.9#

121 0.0 24.2 36.2#

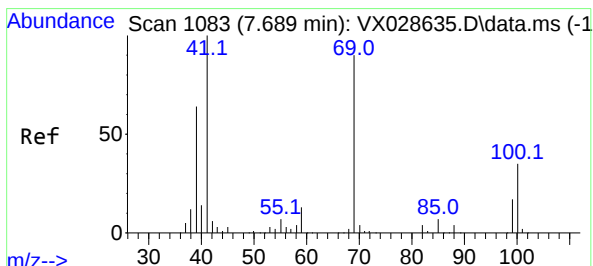
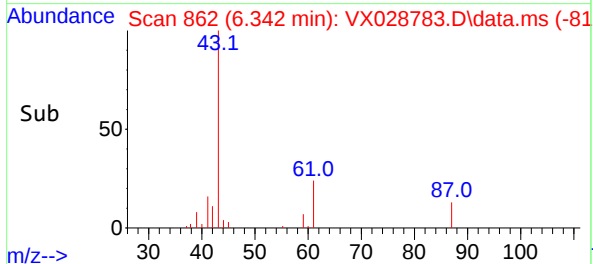
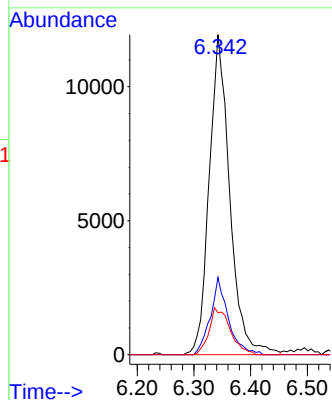
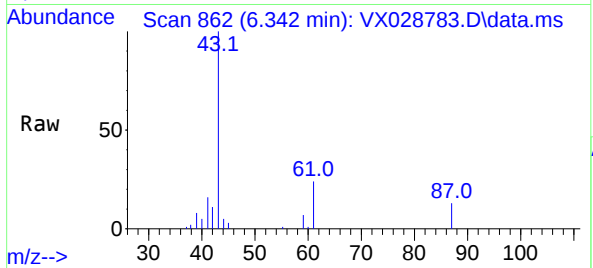




#43
Isopropyl Acetate
Concen: 3.002 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX028783.D
Acq: 18 May 2022 01:49

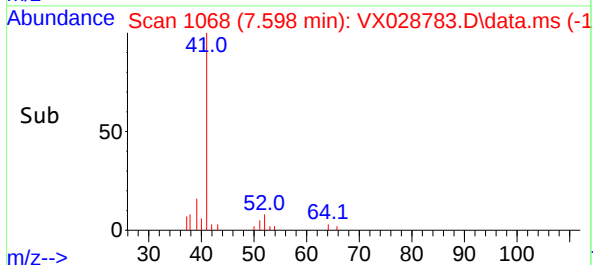
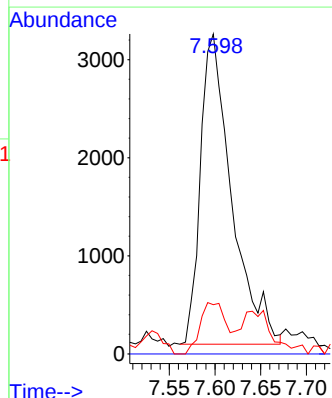
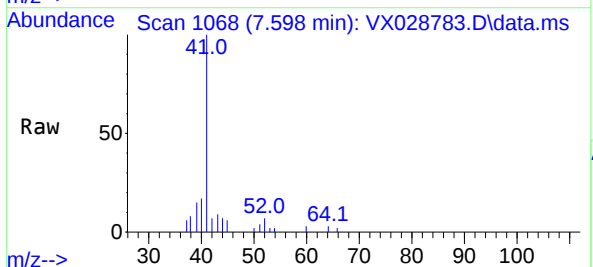
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#02

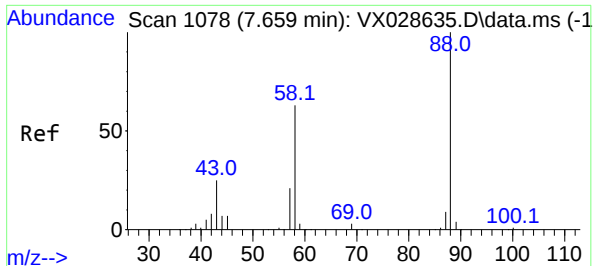
Tgt Ion: 43 Resp: 30065
Ion Ratio Lower Upper
43 100
61 21.1 18.5 27.7
87 15.1 13.0 19.6



#48
Methyl methacrylate
Concen: 1.553 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.091 min
Lab File: VX028783.D
Acq: 18 May 2022 01:49

Tgt Ion: 41 Resp: 7514
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 0.0 43.8 65.8#





#49

1,4-Dioxane

Concen: 1.961 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.134 min

Lab File: VX028783.D

Acq: 18 May 2022 01:49

Instrument :

MSVOA_X

ClientSampleId :

PB144875ZHE#02

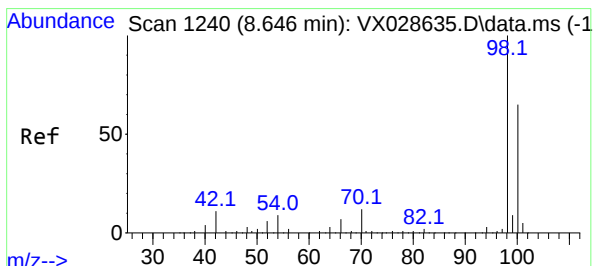
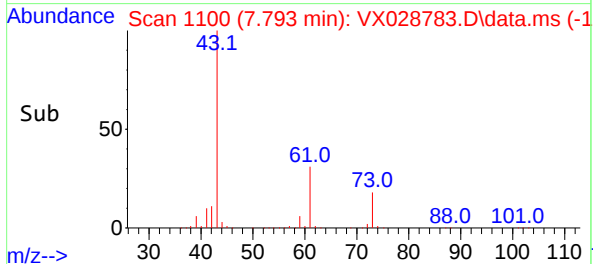
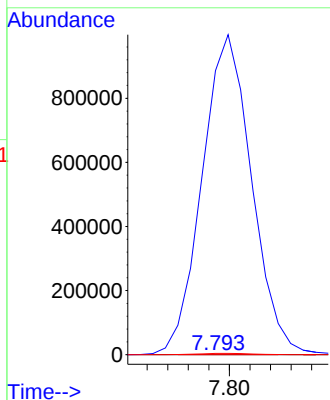
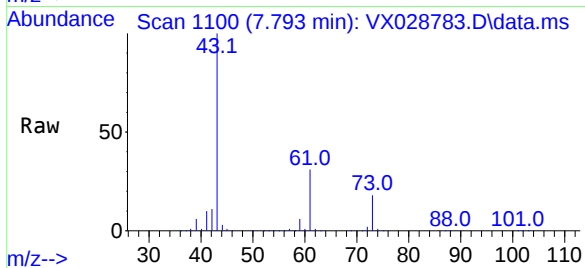
Tgt Ion: 88 Resp: 237

Ion Ratio Lower Upper

88 100

43 711246.4 21.9 32.9#

58 3050.2 53.7 80.5#



#50

Toluene-d8

Concen: 48.228 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028783.D

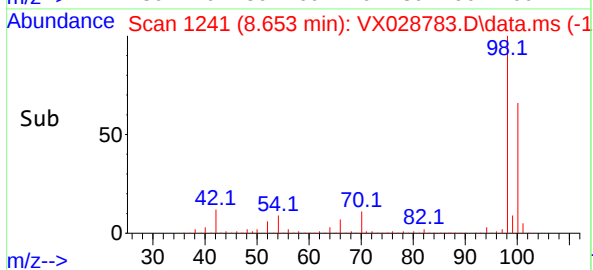
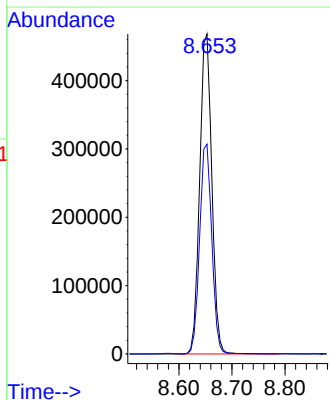
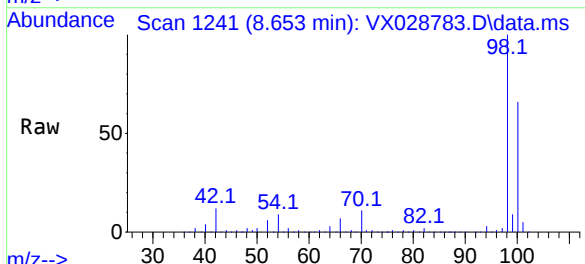
Acq: 18 May 2022 01:49

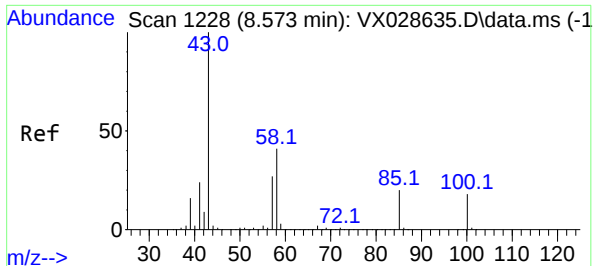
Tgt Ion: 98 Resp: 741926

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 17.520 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX028783.D

Acq: 18 May 2022 01:49

Instrument :

MSVOA_X

ClientSampleId :

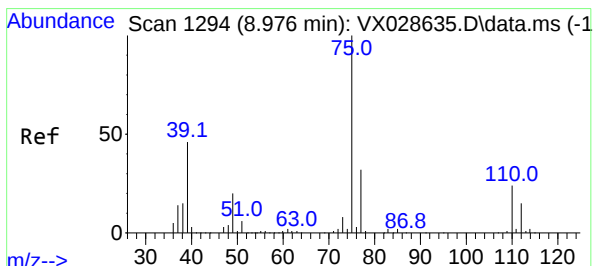
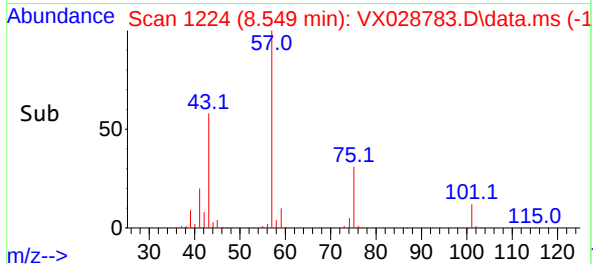
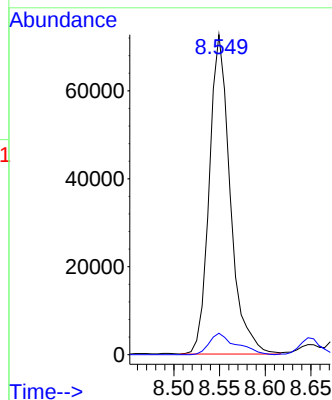
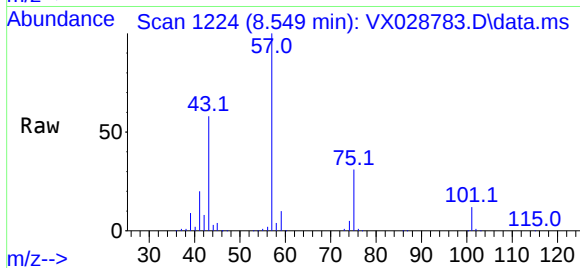
PB144875ZHE#02

Tgt Ion: 43 Resp: 115572

Ion Ratio Lower Upper

43 100

58 8.6 36.1 54.1#



#53

t-1,3-Dichloropropene

Concen: 1.644 ug/l

RT: 8.970 min Scan# 1293

Delta R.T. -0.006 min

Lab File: VX028783.D

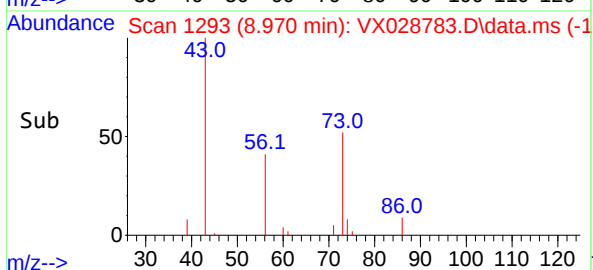
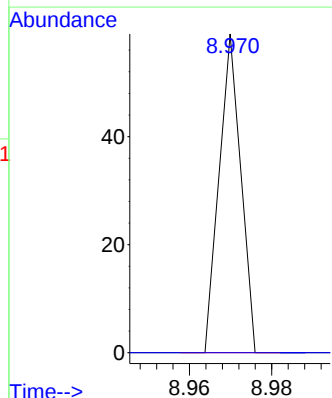
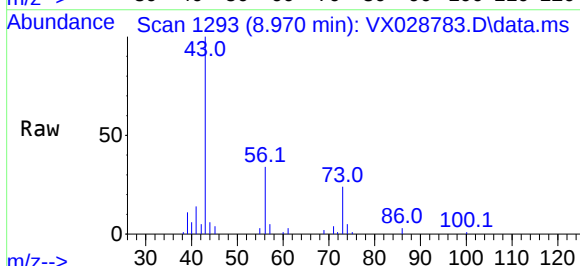
Acq: 18 May 2022 01:49

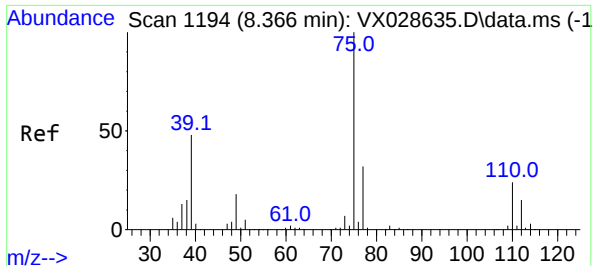
Tgt Ion: 75 Resp: 22

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

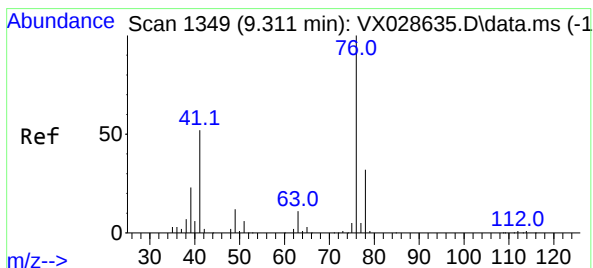
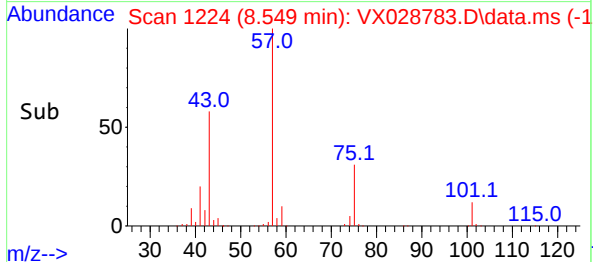
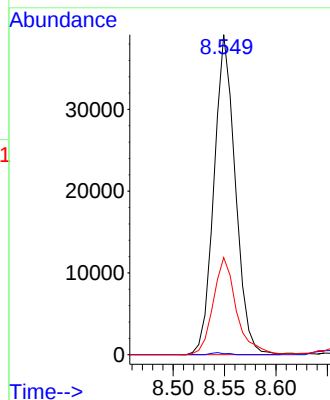
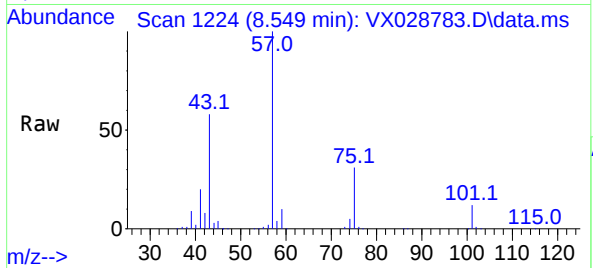




#54
 cis-1,3-Dichloropropene
 Concen: 8.225 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX028783.D
 Acq: 18 May 2022 01:49

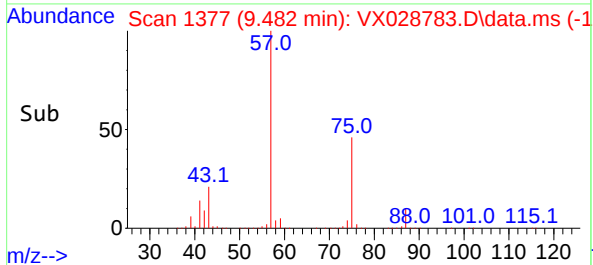
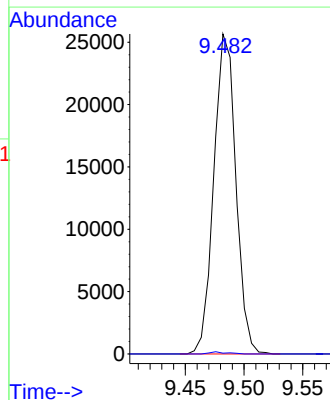
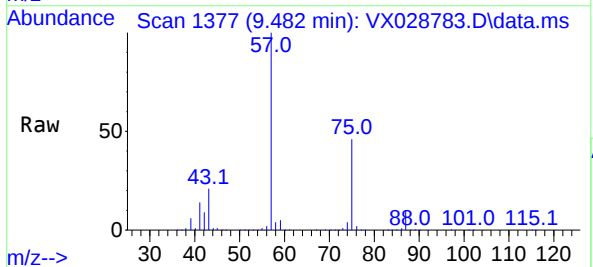
Instrument :
 MSVOA_X
 ClientSampleId :
 PB144875ZHE#02

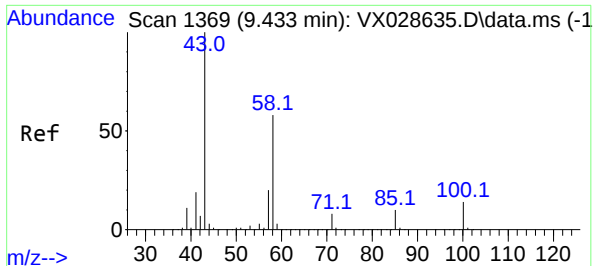
Tgt Ion: 75 Resp: 56388
 Ion Ratio Lower Upper
 75 100
 77 0.3 24.8 37.2#
 39 30.3 29.6 44.4



#57
 1,3-Dichloropropane
 Concen: 4.294 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX028783.D
 Acq: 18 May 2022 01:49

Tgt Ion: 76 Resp: 33458
 Ion Ratio Lower Upper
 76 100
 78 0.5 25.8 38.8#





#59

2-Hexanone

Concen: 86.474 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.049 min

Lab File: VX028783.D

Acq: 18 May 2022 01:49

Instrument :

MSVOA_X

ClientSampleId :

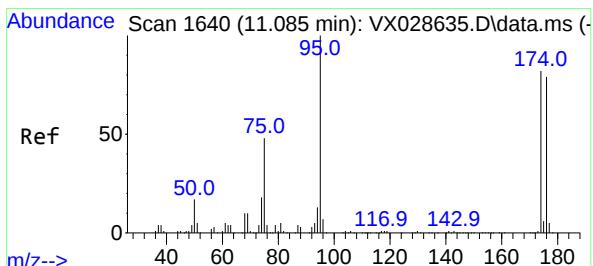
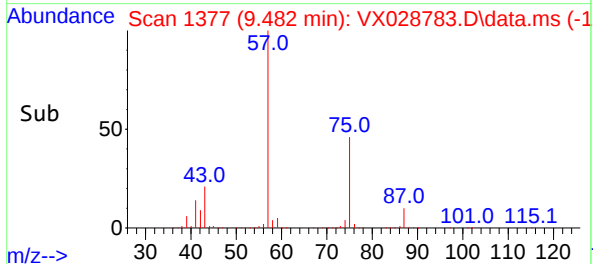
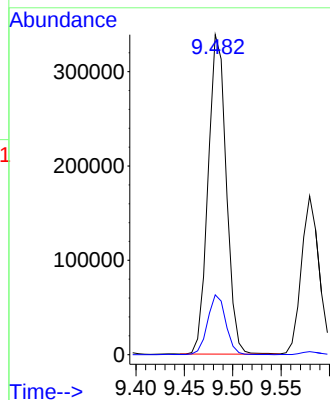
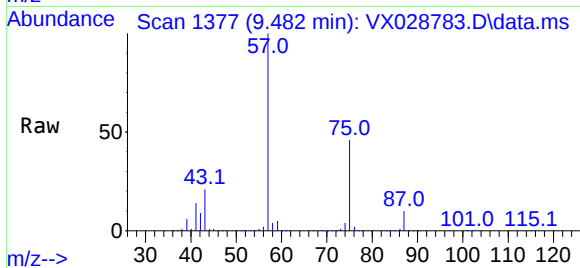
PB144875ZHE#02

Tgt Ion: 43 Resp: 443175

Ion Ratio Lower Upper

43 100

58 18.6 31.9 95.7#



#62

4-Bromofluorobenzene

Concen: 53.026 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028783.D

Acq: 18 May 2022 01:49

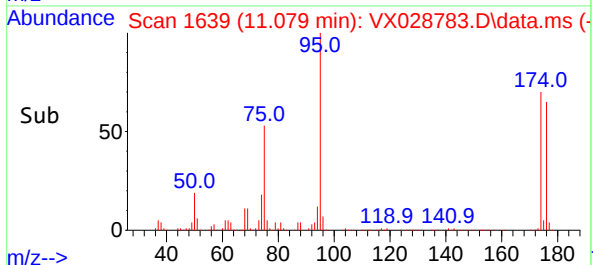
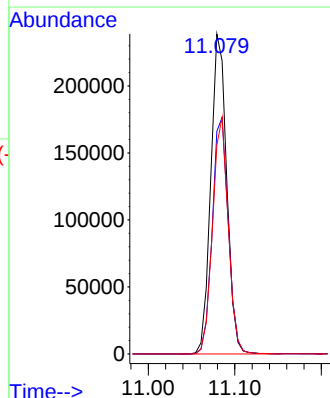
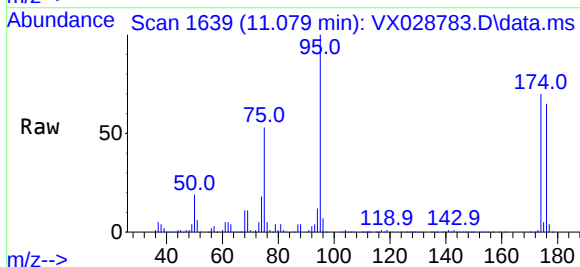
Tgt Ion: 95 Resp: 304681

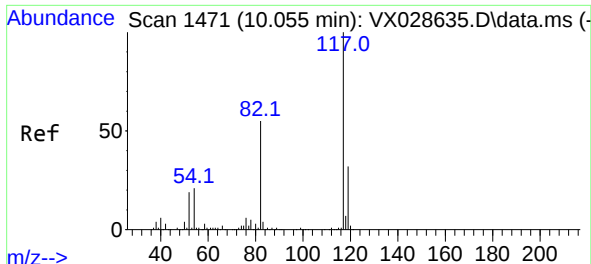
Ion Ratio Lower Upper

95 100

174 74.4 0.0 163.0

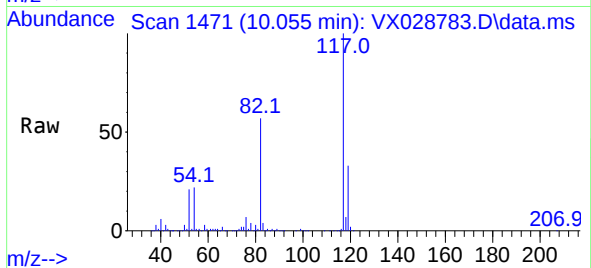
176 72.7 0.0 155.0



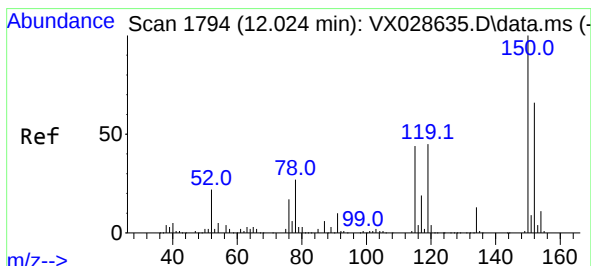
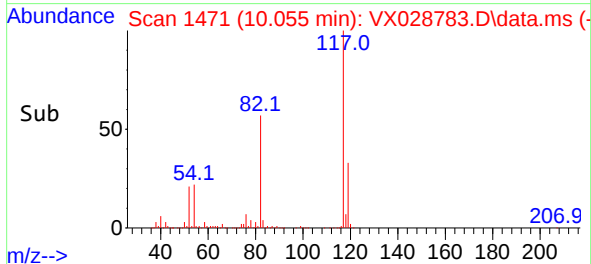
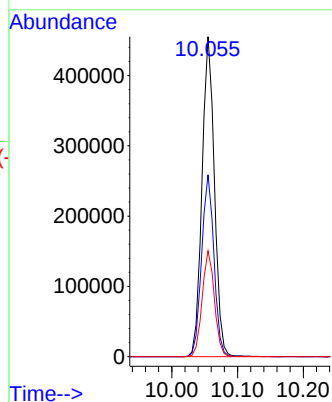


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028783.D
Acq: 18 May 2022 01:49

Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#02

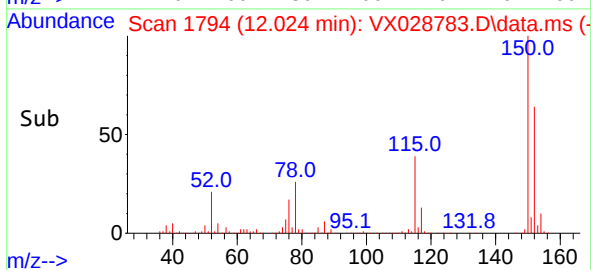
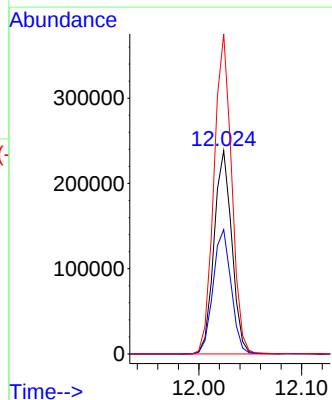
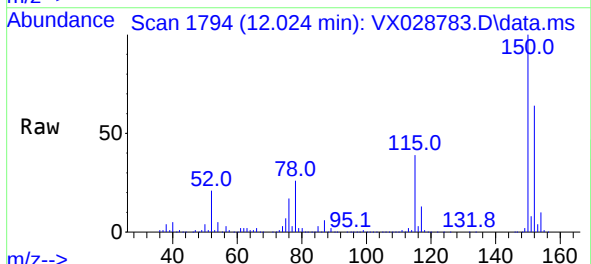


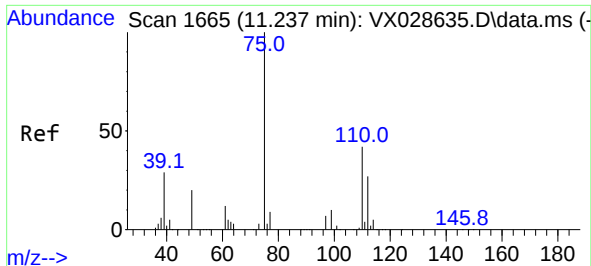
Tgt Ion:117 Resp: 597327
Ion Ratio Lower Upper
117 100
82 56.9 41.8 62.8
119 33.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028783.D
Acq: 18 May 2022 01:49

Tgt Ion:152 Resp: 285629
Ion Ratio Lower Upper
152 100
115 62.4 37.5 112.7
150 156.8 0.0 338.2

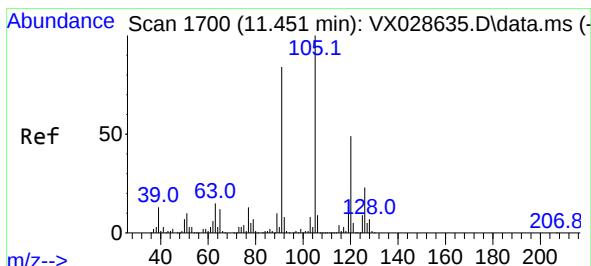
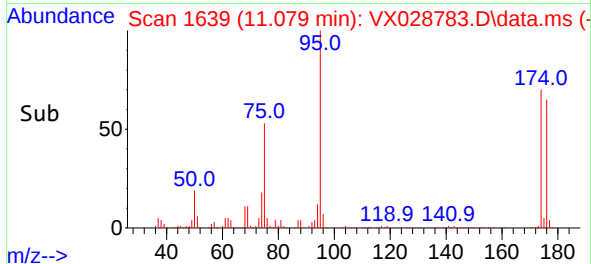
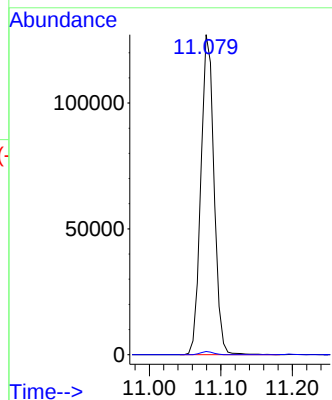
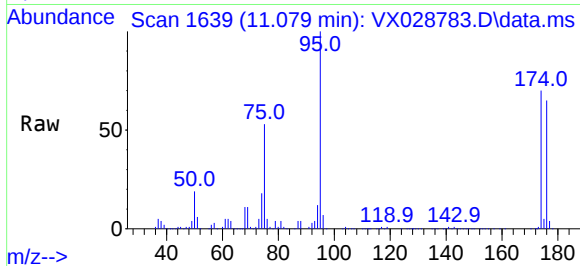




#76
1,2,3-Trichloropropane
Concen: 24.337 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028783.D
Acq: 18 May 2022 01:49

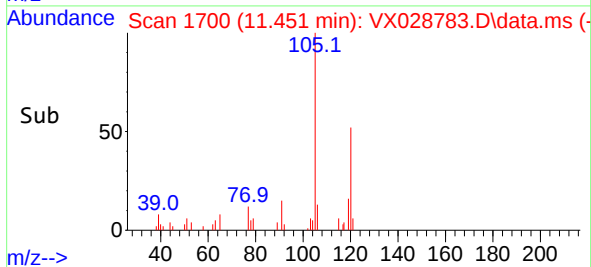
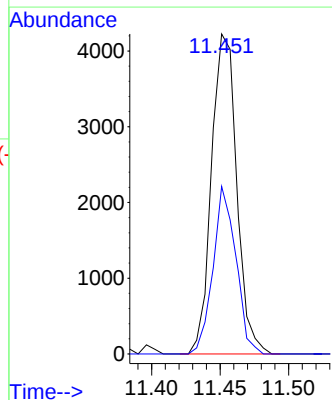
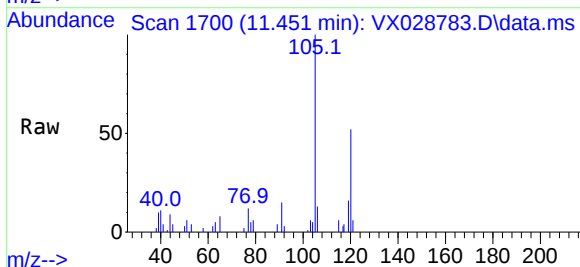
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#02

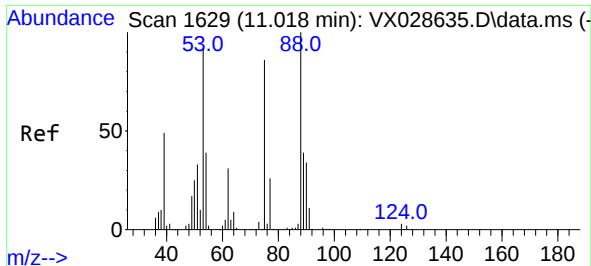
Tgt Ion: 75 Resp: 162794
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#



#80
1,3,5-Trimethylbenzene
Concen: 0.300 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028783.D
Acq: 18 May 2022 01:49

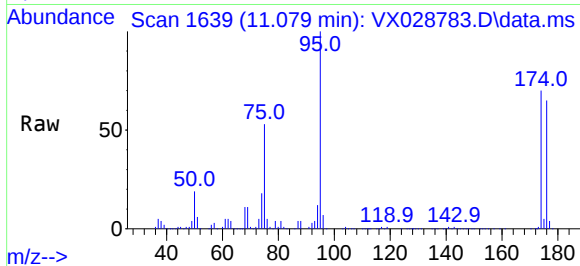
Tgt Ion: 105 Resp: 5409
Ion Ratio Lower Upper
105 100
120 47.3 24.3 72.9





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.854 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028783.D
 Acq: 18 May 2022 01:49

Instrument :
 MSVOA_X
 ClientSampleId :
 PB144875ZHE#02



Tgt Ion: 75 Resp: 162794
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

