

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028784.D
 Acq On : 18 May 2022 02:12
 Operator : JC/MD
 Sample : PB144875ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB144875ZHE#03

Quant Time: May 18 05:00:47 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

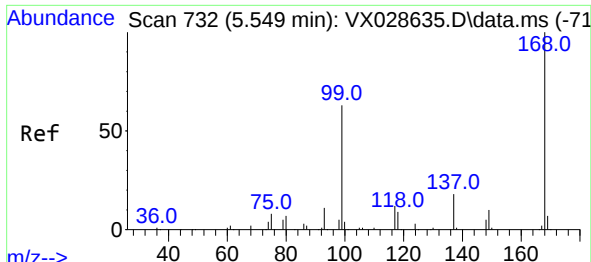
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	338653	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	606494	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	568125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	268580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	247646	53.347	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.700%	
35) Dibromofluoromethane	5.391	113	202016	50.839	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.680%	
50) Toluene-d8	8.653	98	702378	46.883	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 93.760%	
62) 4-Bromofluorobenzene	11.079	95	292010	52.185	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 104.360%	
Target Compounds						
						Qvalue
3) Chloromethane	1.270	50	1205	0.289	ug/l	# 42
5) Bromomethane	1.618	94	743	Below Cal		82
6) Chloroethane	1.691	64	226	Below Cal		99
11) Tert butyl alcohol	2.941	59	12810	5.190	ug/l	# 77
16) Acetone	2.380	43	46184	23.181	ug/l	90
18) Methyl Acetate	2.703	43	2311	0.463	ug/l	91
20) Methylene Chloride	2.788	84	18461	4.417	ug/l	95
25) 2-Butanone	4.568	43	9968	3.187	ug/l	93
31) Cyclohexane	5.562	56	7689	1.193	ug/l	# 34
36) 1,1-Dichloropropene	5.556	75	28488	4.773	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	36981	6.157	ug/l	# 16
43) Isopropyl Acetate	6.349	43	29631	3.038	ug/l	96
48) Methyl methacrylate	7.592	41	7588	1.611	ug/l	# 7
49) 1,4-Dioxane	7.806	88	347	2.948	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	109654	17.070	ug/l	# 44
53) t-1,3-Dichloropropene	8.964	75	46	1.647	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	54212	8.120	ug/l	# 68
57) 1,3-Dichloropropane	9.482	76	32351	4.263	ug/l	# 43
59) 2-Hexanone	9.482	43	412892	82.729	ug/l	# 43
74) N-amyl acetate	10.640	43	20210	2.524	ug/l	# 45
76) 1,2,3-Trichloropropane	11.079	75	154627	24.583	ug/l	# 38
80) 1,3,5-Trimethylbenzene	11.451	105	5427	0.320	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	154627	71.532	ug/l	# 15

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

Quant Time: May 18 05:00:47 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

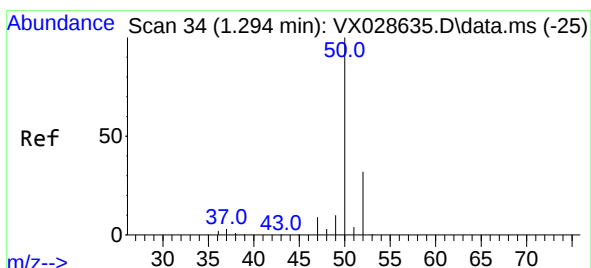
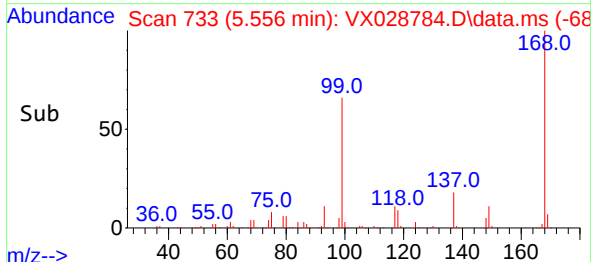
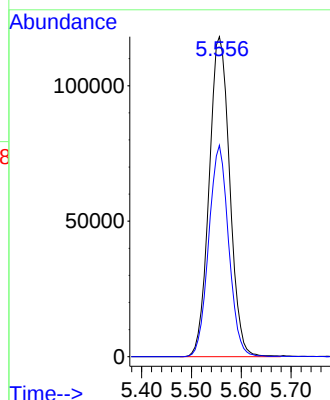
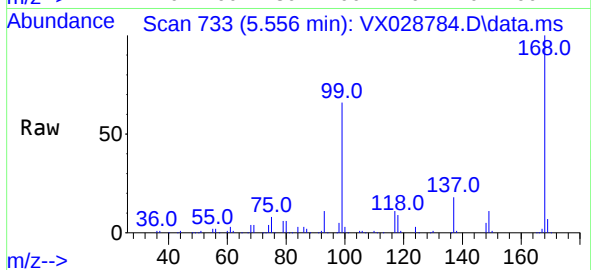




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

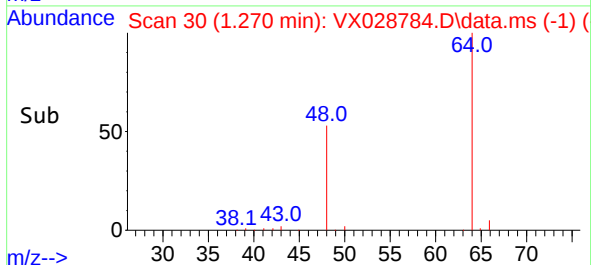
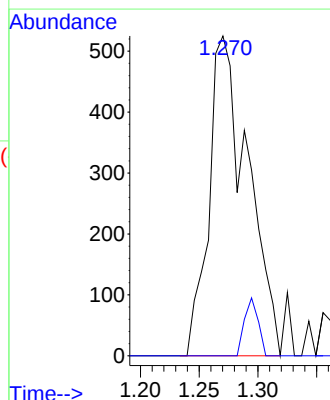
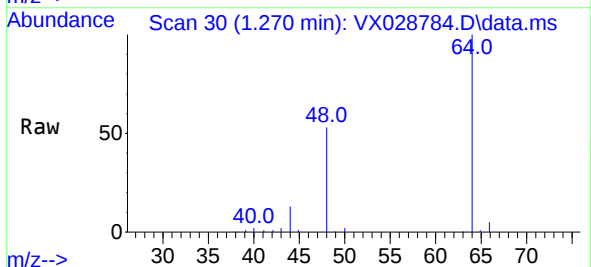
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#03

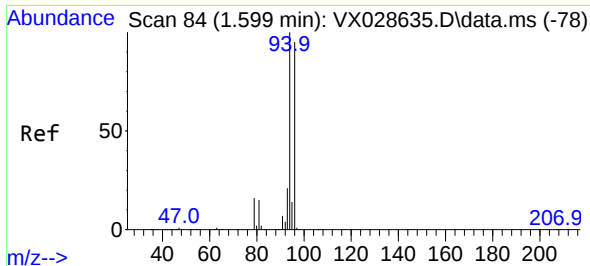
Tgt Ion:168 Resp: 338653
Ion Ratio Lower Upper
168 100
99 66.1 41.7 62.5#



#3
Chloromethane
Concen: 0.289 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.024 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

Tgt Ion: 50 Resp: 1205
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

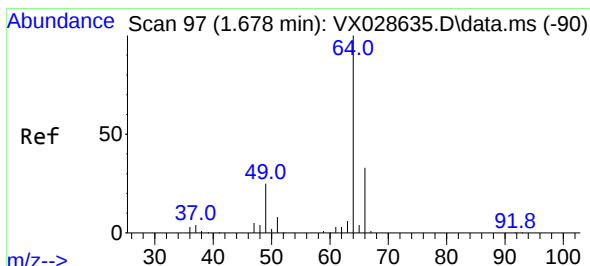
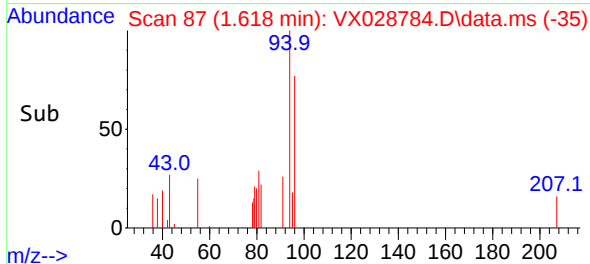
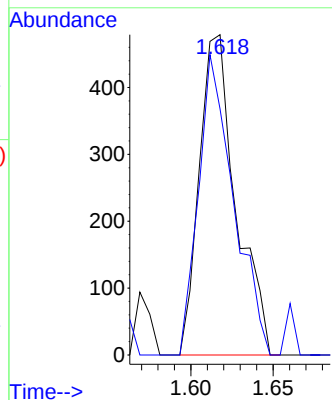
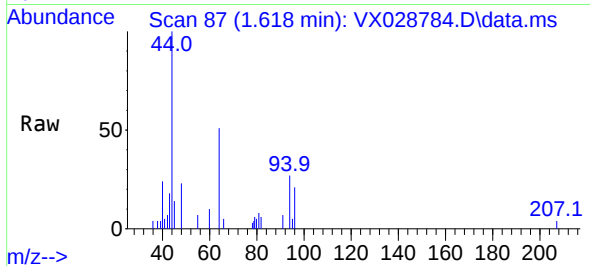




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

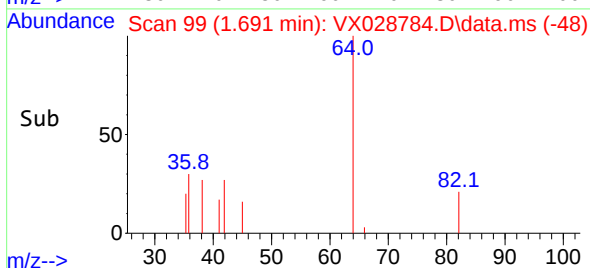
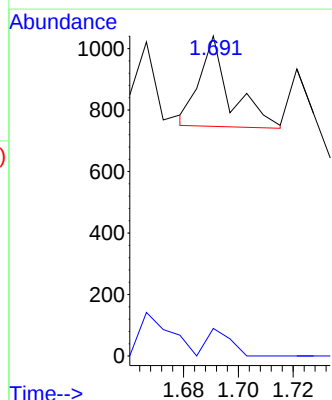
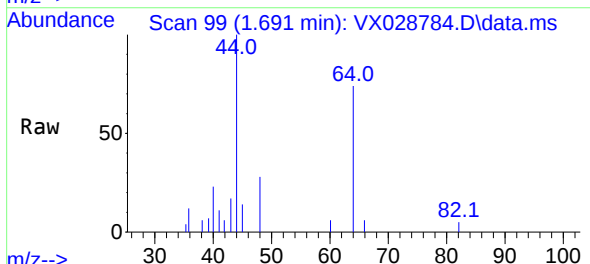
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#03

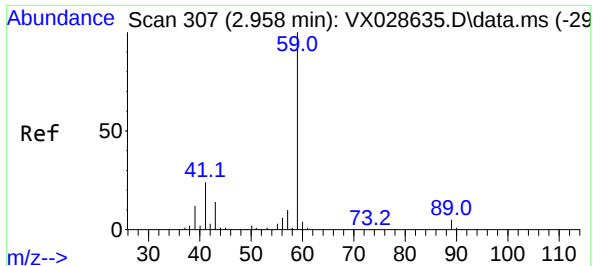
Tgt Ion: 94 Resp: 743
Ion Ratio Lower Upper
94 100
96 76.8 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

Tgt Ion: 64 Resp: 226
Ion Ratio Lower Upper
64 100
66 30.9 25.3 37.9





#11

Tert butyl alcohol

Concen: 5.190 ug/l

RT: 2.941 min Scan# 307

Delta R.T. -0.017 min

Lab File: VX028784.D

Acq: 18 May 2022 02:12

Instrument :

MSVOA_X

ClientSampleId :

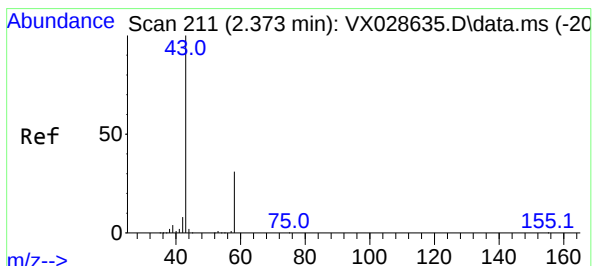
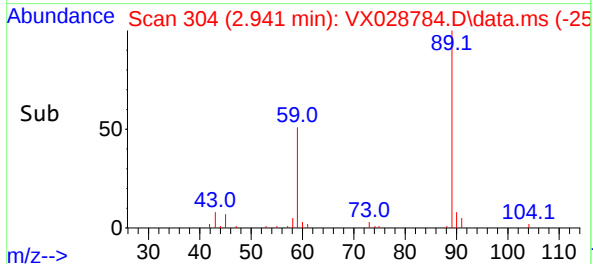
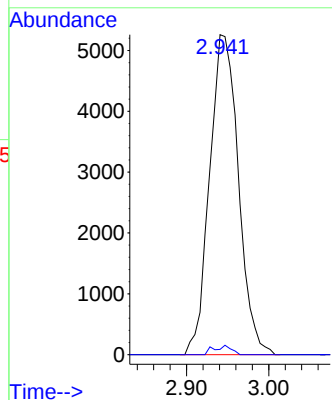
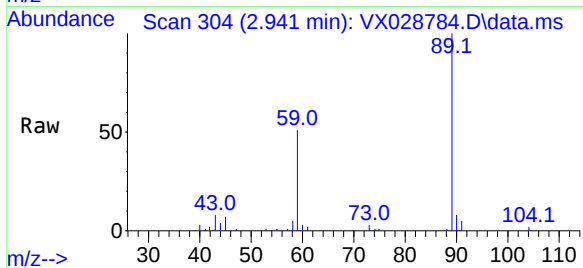
PB144875ZHE#03

Tgt Ion: 59 Resp: 12810

Ion Ratio Lower Upper

59 100

57 1.7 8.3 12.5#



#16

Acetone

Concen: 23.181 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028784.D

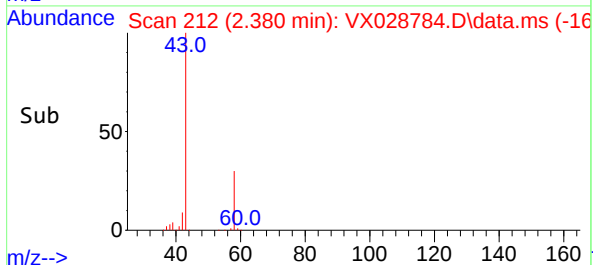
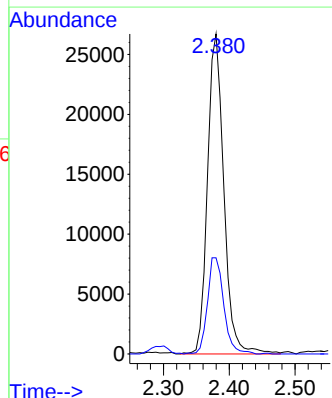
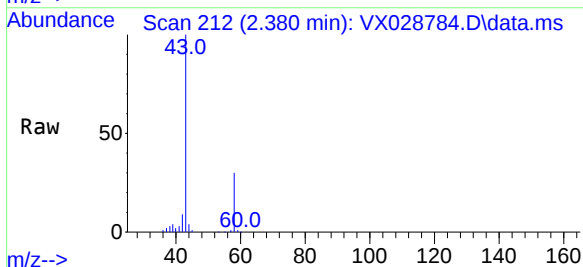
Acq: 18 May 2022 02:12

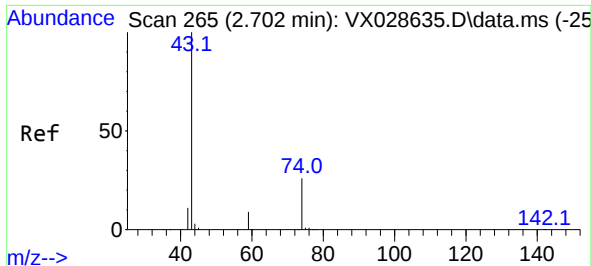
Tgt Ion: 43 Resp: 46184

Ion Ratio Lower Upper

43 100

58 30.0 28.8 43.2

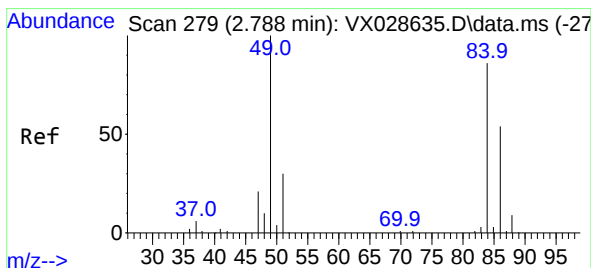
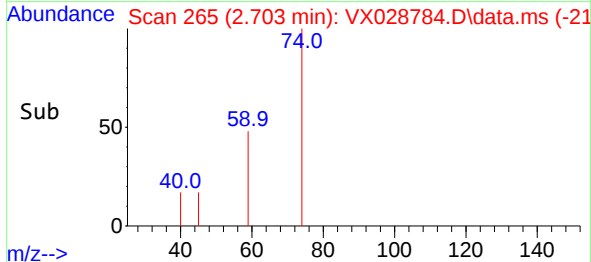
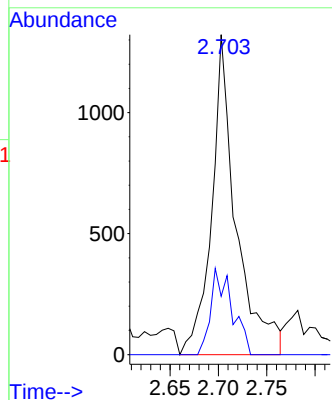
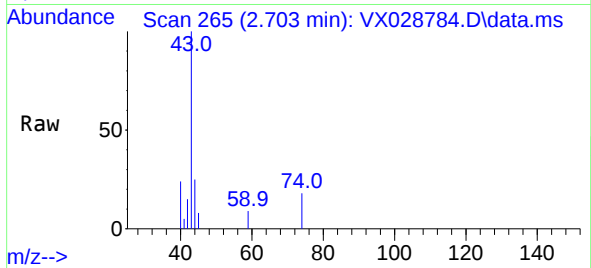




#18
Methyl Acetate
Concen: 0.463 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.001 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

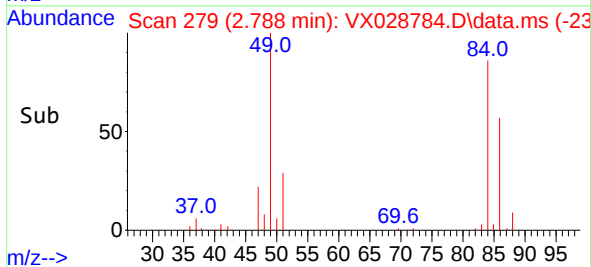
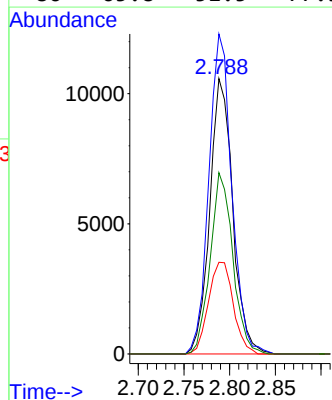
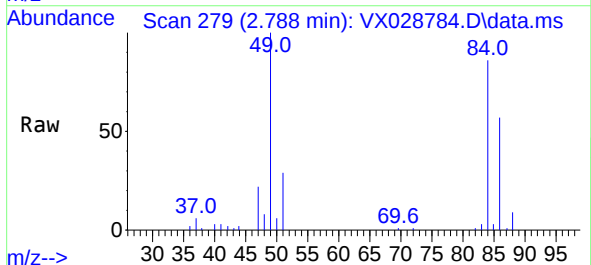
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#03

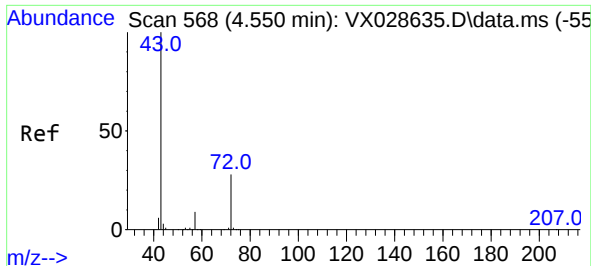
Tgt Ion: 43 Resp: 2311
Ion Ratio Lower Upper
43 100
74 23.7 22.8 34.2



#20
Methylene Chloride
Concen: 4.417 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

Tgt Ion: 84 Resp: 18461
Ion Ratio Lower Upper
84 100
49 116.2 85.5 128.3
51 33.3 26.6 39.8
86 65.8 51.5 77.3

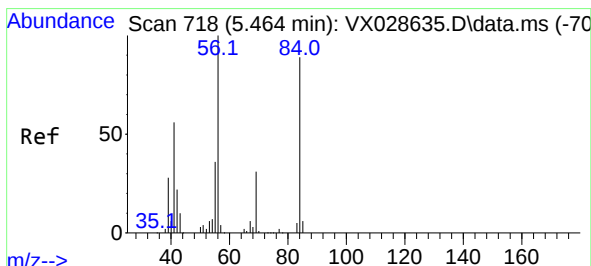
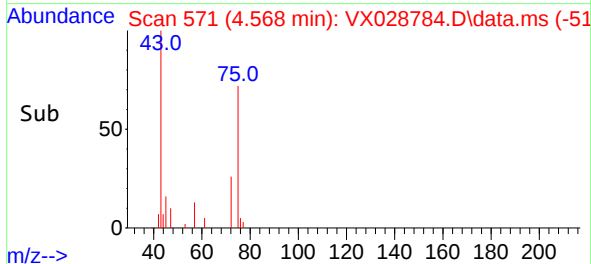
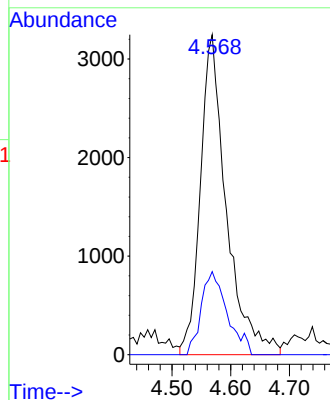
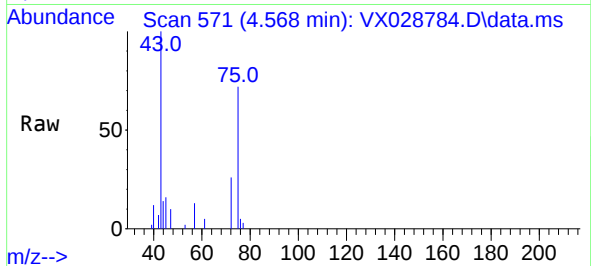




#25
2-Butanone
Concen: 3.187 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

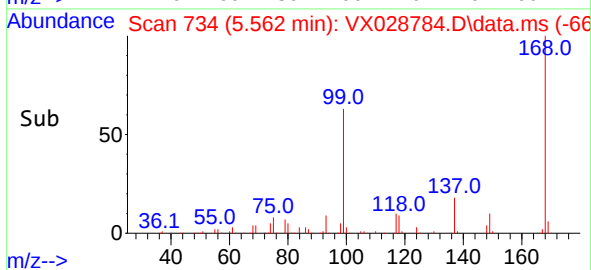
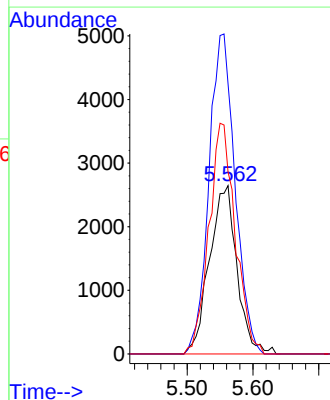
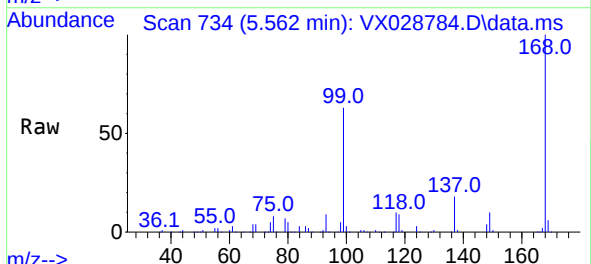
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#03

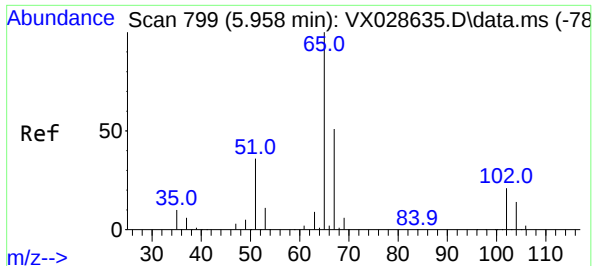
Tgt Ion: 43 Resp: 9968
Ion Ratio Lower Upper
43 100
72 26.5 24.4 36.6



#31
Cyclohexane
Concen: 1.193 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.098 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

Tgt Ion: 56 Resp: 7689
Ion Ratio Lower Upper
56 100
69 160.5 26.7 40.1#
84 108.1 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 53.347 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028784.D

Acq: 18 May 2022 02:12

Instrument :

MSVOA_X

ClientSampleId :

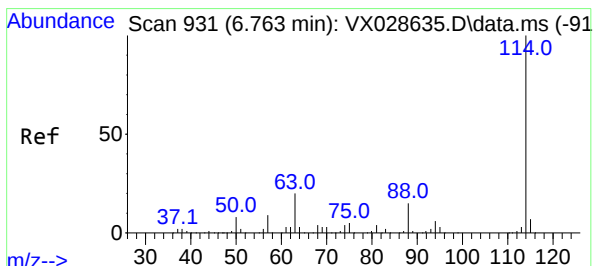
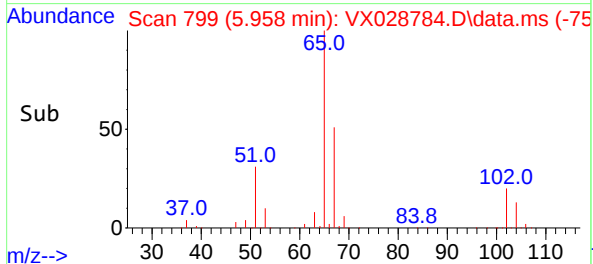
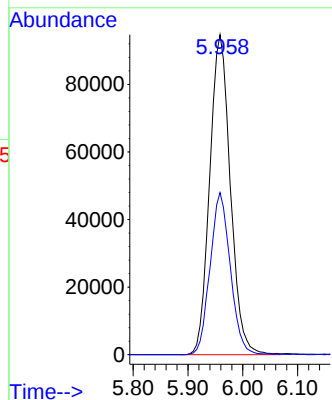
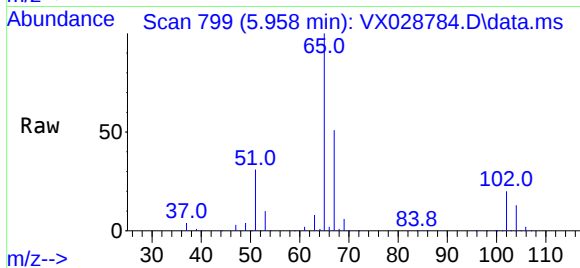
PB144875ZHE#03

Tgt Ion: 65 Resp: 247646

Ion Ratio Lower Upper

65 100

67 49.7 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: VX028784.D

Acq: 18 May 2022 02:12

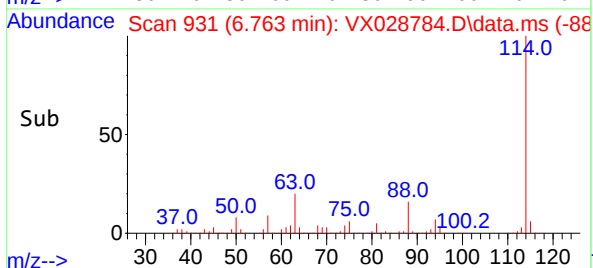
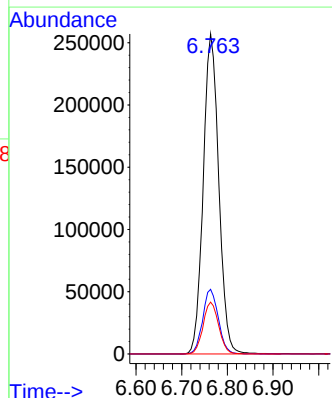
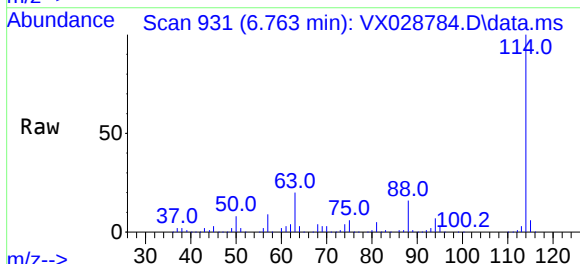
Tgt Ion: 114 Resp: 606494

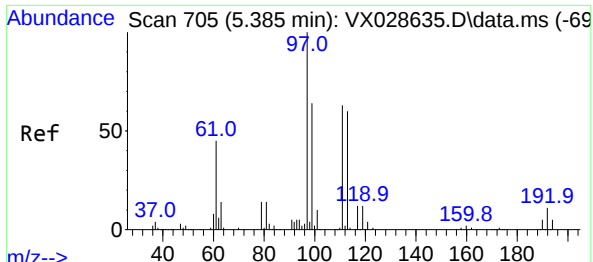
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.8

88 16.2 0.0 32.4

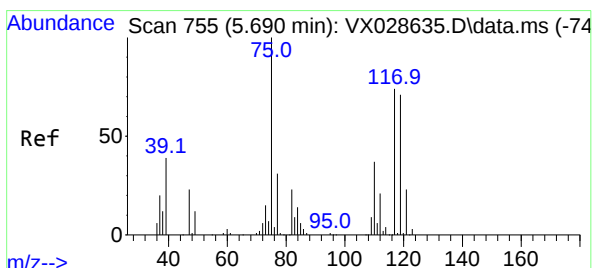
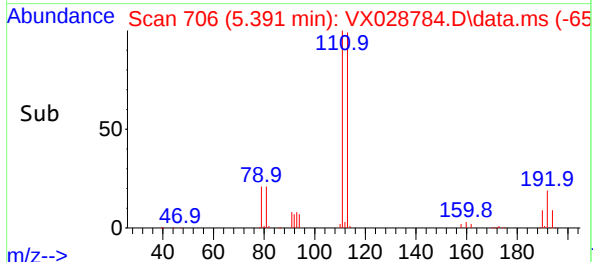
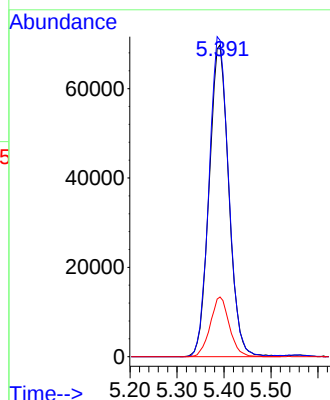
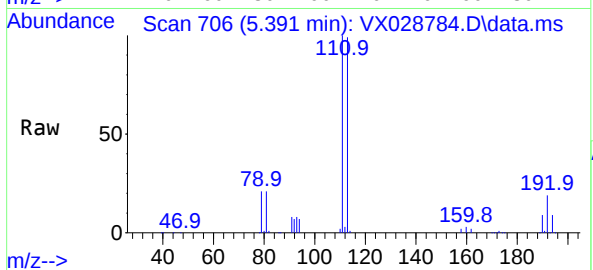




#35
Dibromofluoromethane
Concen: 50.839 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

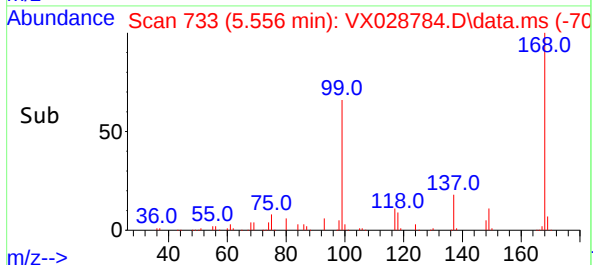
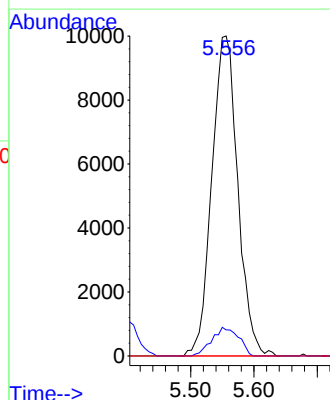
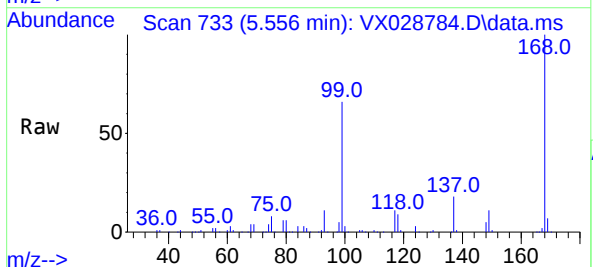
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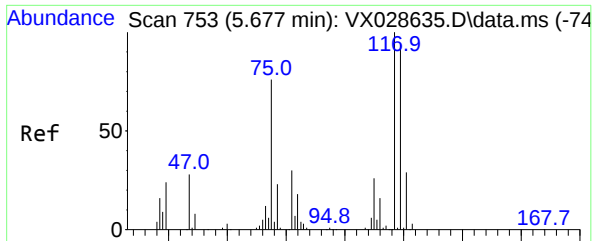
Tgt Ion:113 Resp: 202016
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 18.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.773 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

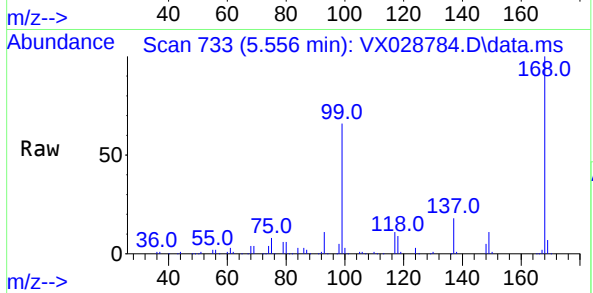
Tgt Ion: 75 Resp: 28488
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 24.8 37.2#



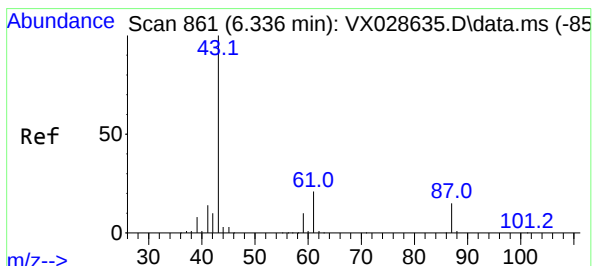
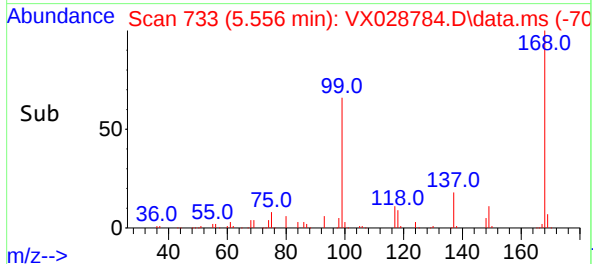
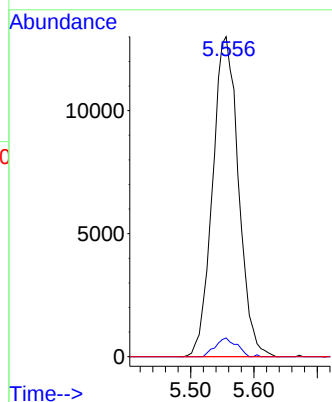


#38
Carbon Tetrachloride
Concen: 6.157 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#03

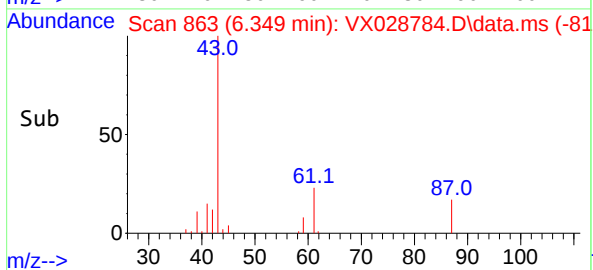
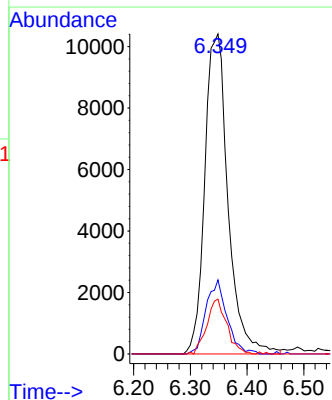
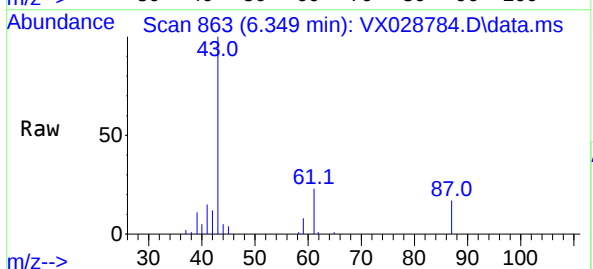


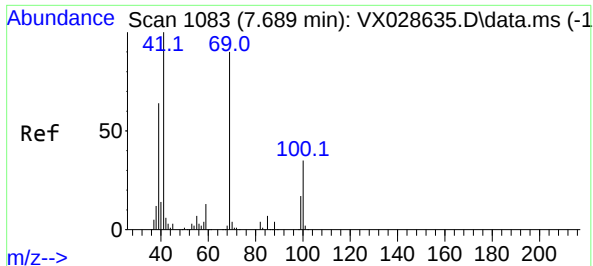
Tgt Ion:117 Resp: 36981
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 3.038 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.013 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

Tgt Ion: 43 Resp: 29631
Ion Ratio Lower Upper
43 100
61 20.9 18.5 27.7
87 14.8 13.0 19.6

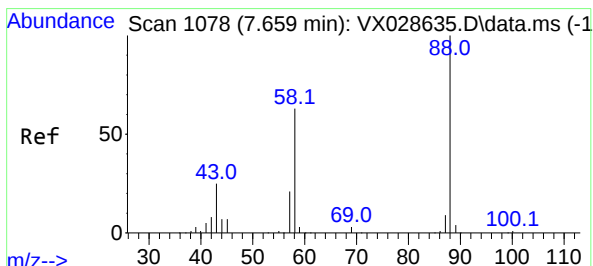
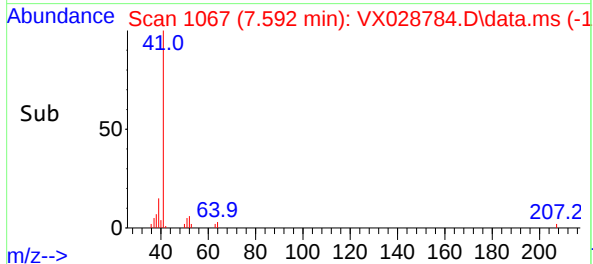
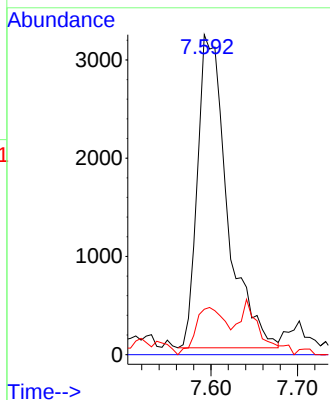
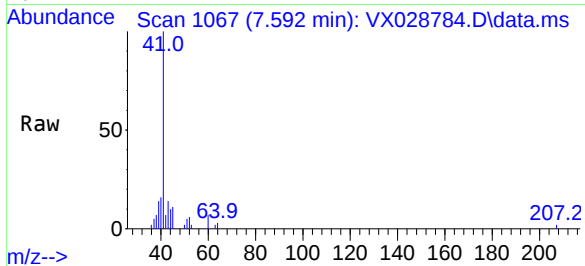




#48
Methyl methacrylate
Concen: 1.611 ug/l
RT: 7.592 min Scan# 1102
Delta R.T. -0.097 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

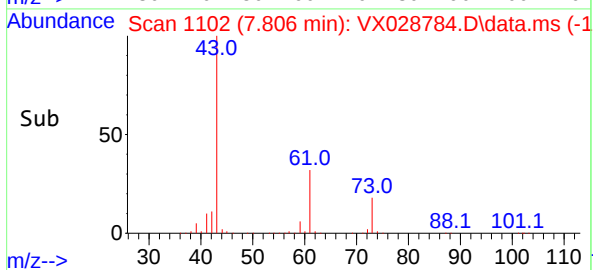
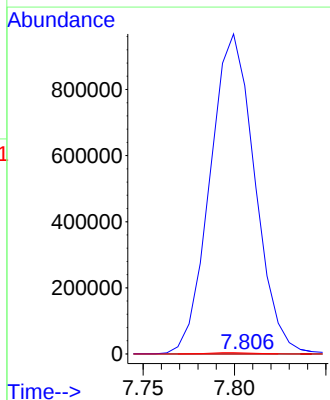
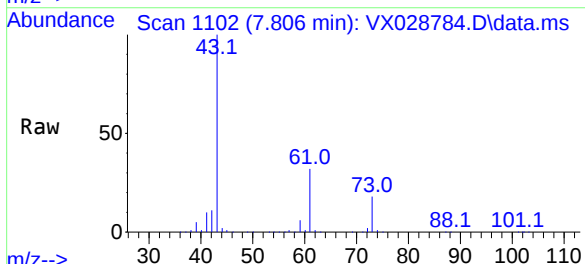
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#03

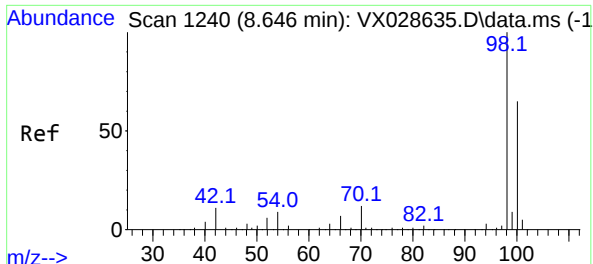
Tgt Ion: 41 Resp: 7588
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 0.0 43.8 65.8#



#49
1,4-Dioxane
Concen: 2.948 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.147 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

Tgt Ion: 88 Resp: 347
Ion Ratio Lower Upper
88 100
43 477076.4 21.9 32.9#
58 1986.7 53.7 80.5#





#50

Toluene-d8

Concen: 46.883 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX028784.D

Acq: 18 May 2022 02:12

Instrument :

MSVOA_X

ClientSampleId :

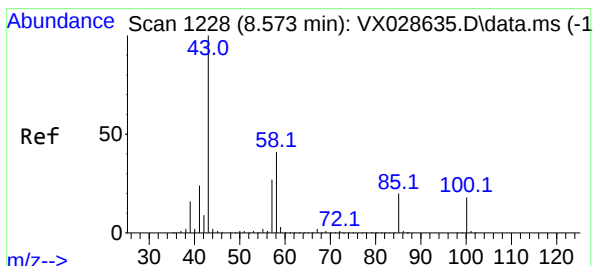
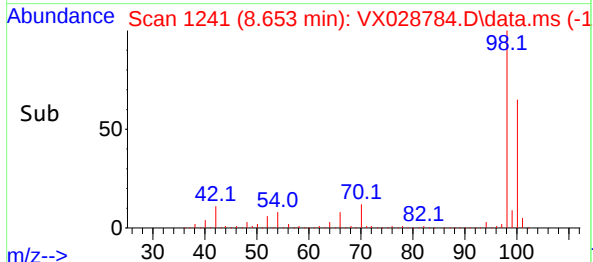
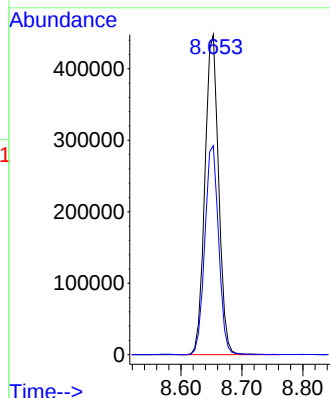
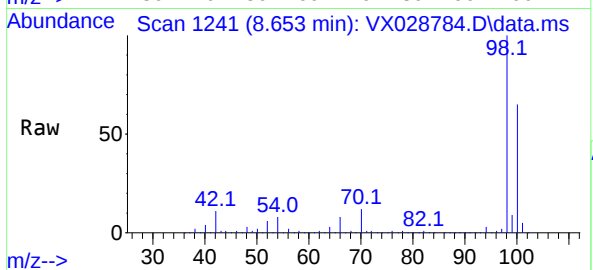
PB144875ZHE#03

Tgt Ion: 98 Resp: 702378

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 17.070 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.024 min

Lab File: VX028784.D

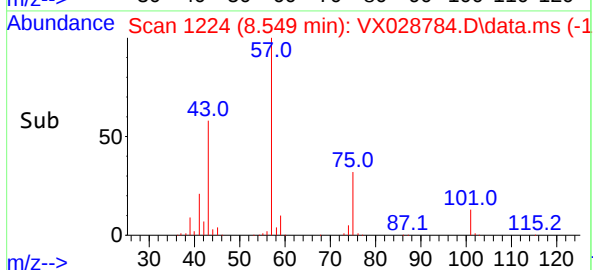
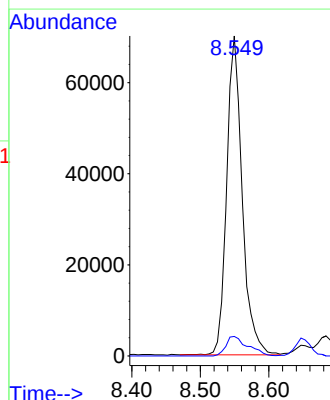
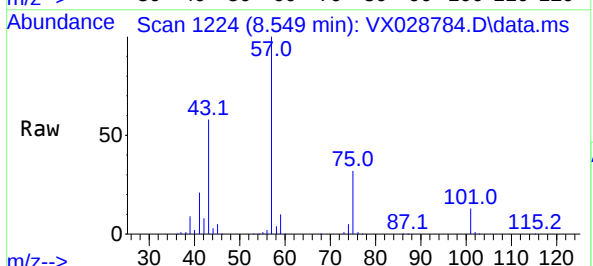
Acq: 18 May 2022 02:12

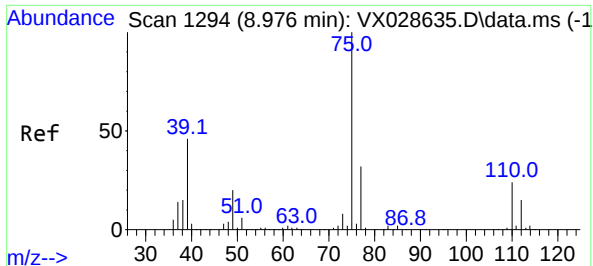
Tgt Ion: 43 Resp: 109654

Ion Ratio Lower Upper

43 100

58 8.7 36.1 54.1#





#53

t-1,3-Dichloropropene

Concen: 1.647 ug/l

RT: 8.964 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX028784.D

Acq: 18 May 2022 02:12

Instrument :

MSVOA_X

ClientSampleId :

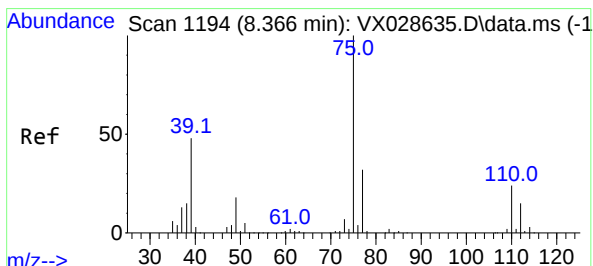
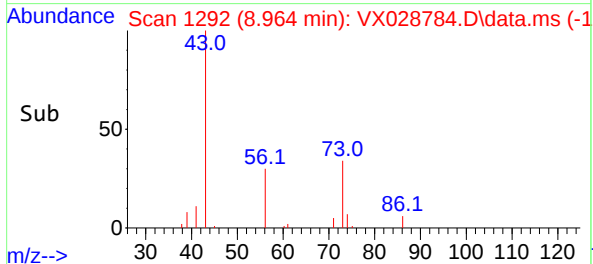
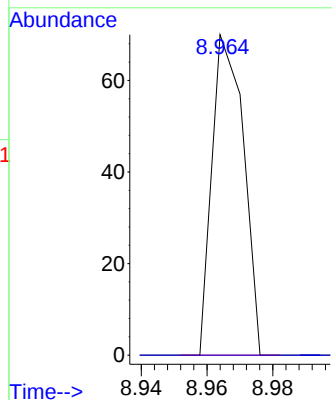
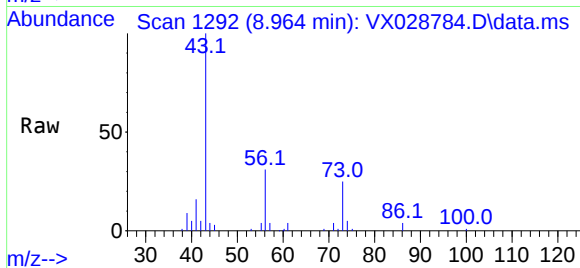
PB144875ZHE#03

Tgt Ion: 75 Resp: 46

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#



#54

cis-1,3-Dichloropropene

Concen: 8.120 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX028784.D

Acq: 18 May 2022 02:12

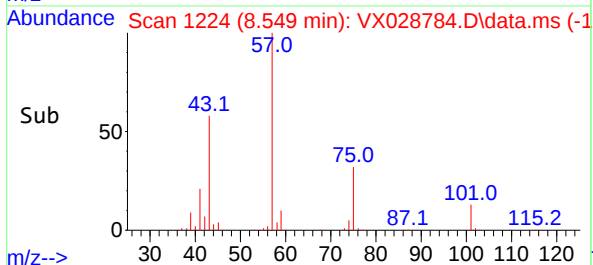
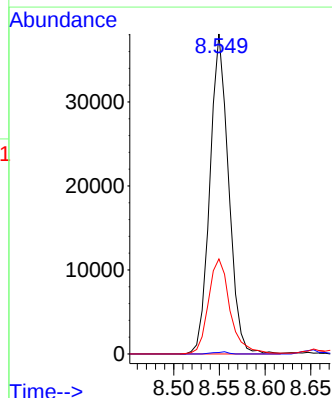
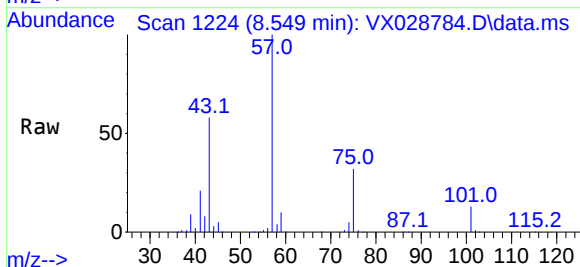
Tgt Ion: 75 Resp: 54212

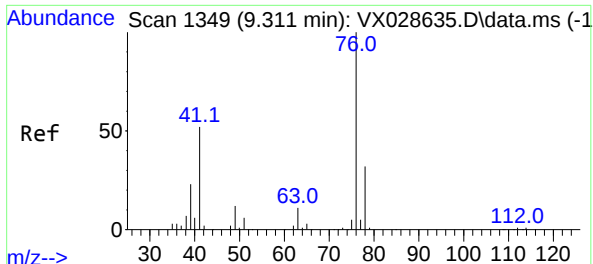
Ion Ratio Lower Upper

75 100

77 0.5 24.8 37.2#

39 29.7 29.6 44.4

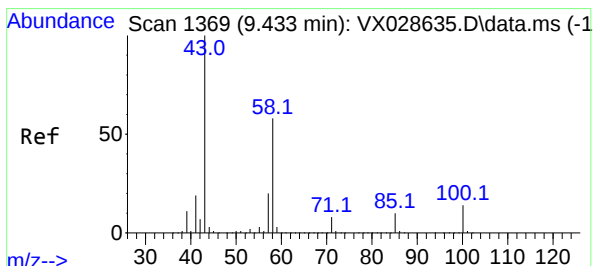
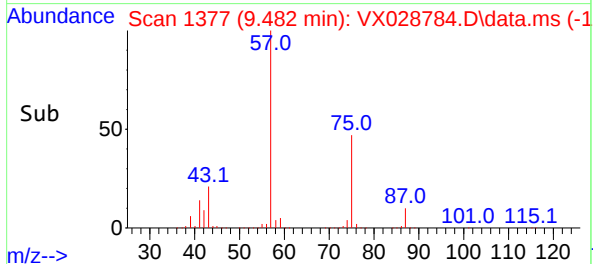
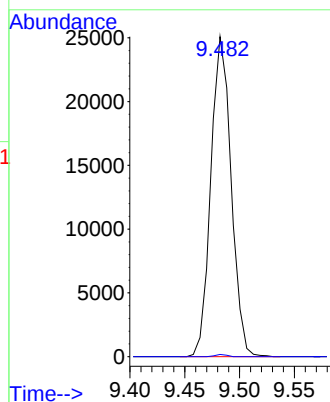
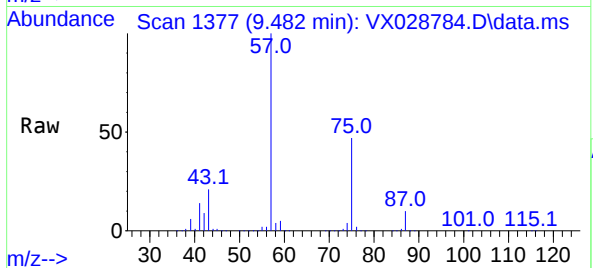




#57
1,3-Dichloropropane
Concen: 4.263 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

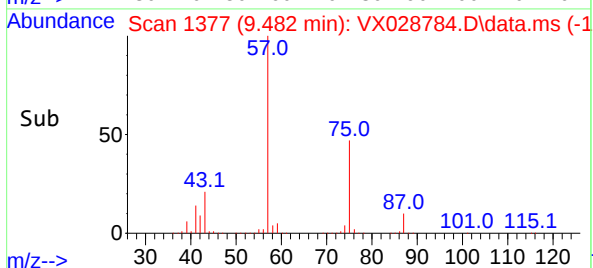
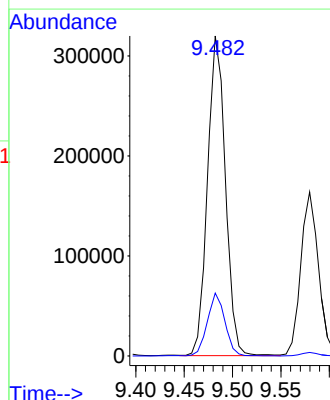
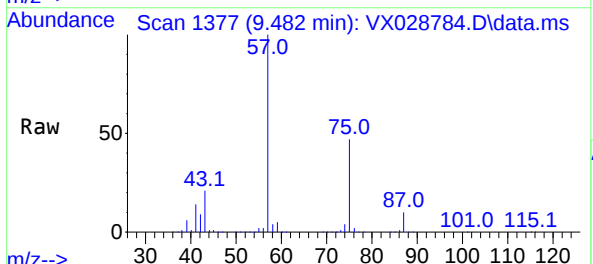
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#03

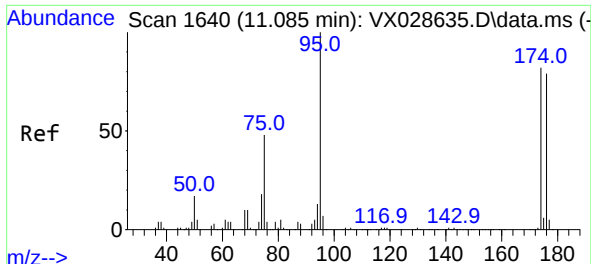
Tgt Ion: 76 Resp: 32351
Ion Ratio Lower Upper
76 100
78 0.4 25.8 38.8#



#59
2-Hexanone
Concen: 82.729 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

Tgt Ion: 43 Resp: 412892
Ion Ratio Lower Upper
43 100
58 19.4 31.9 95.7#

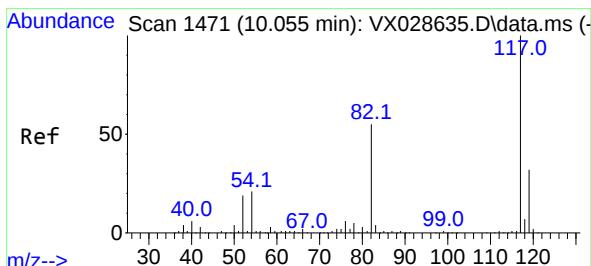
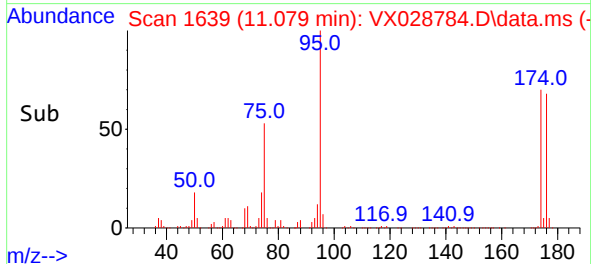
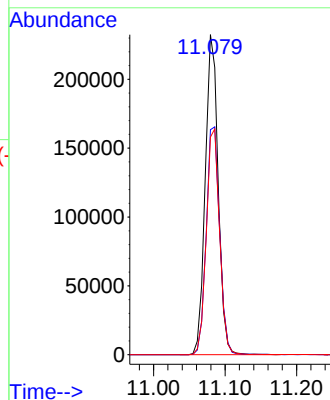
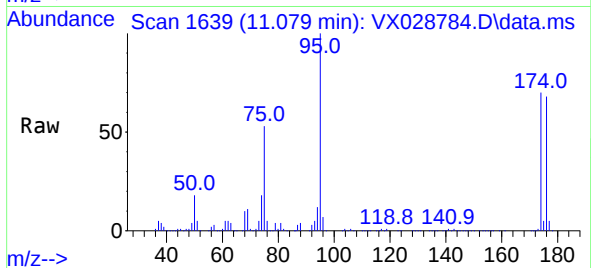




#62
4-Bromofluorobenzene
Concen: 52.185 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

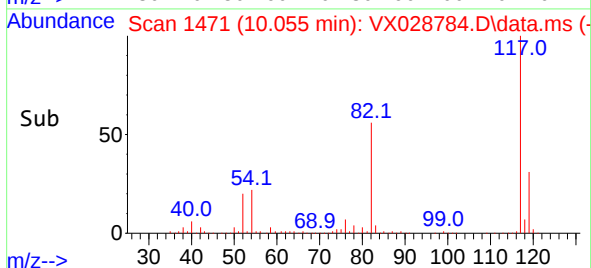
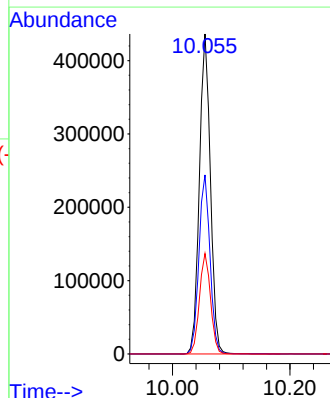
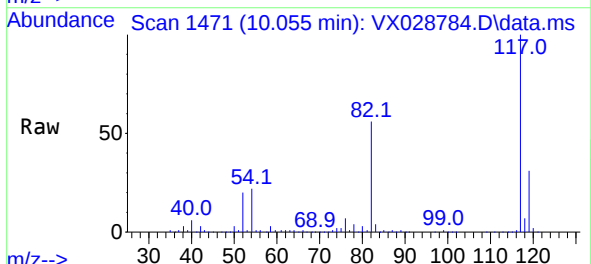
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#03

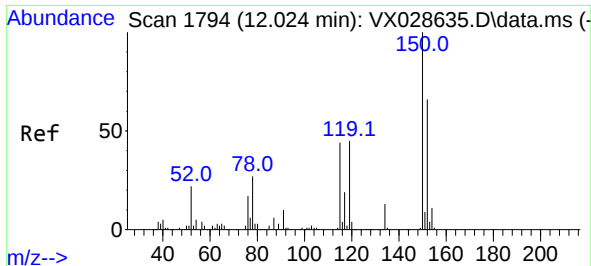
Tgt Ion: 95 Resp: 292010
Ion Ratio Lower Upper
95 100
174 73.9 0.0 163.0
176 72.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

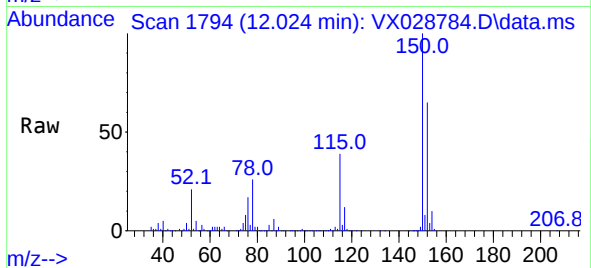
Tgt Ion: 117 Resp: 568125
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 31.4 24.8 37.2



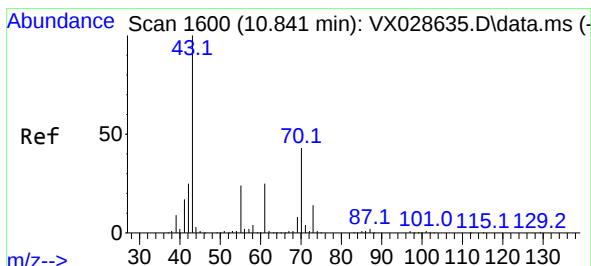
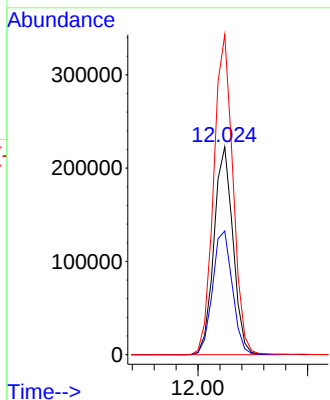
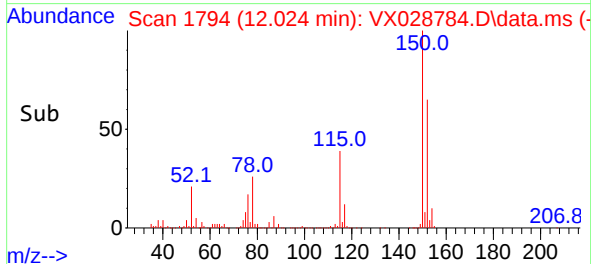


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

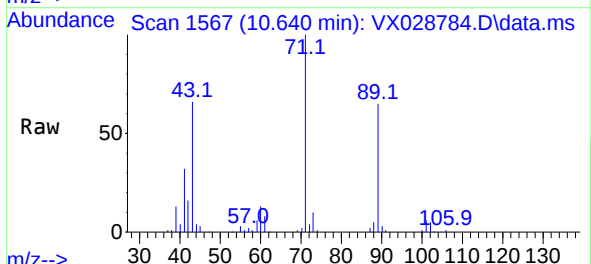
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#03



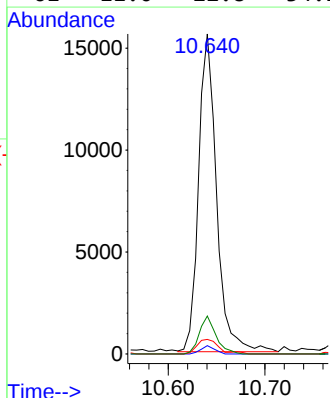
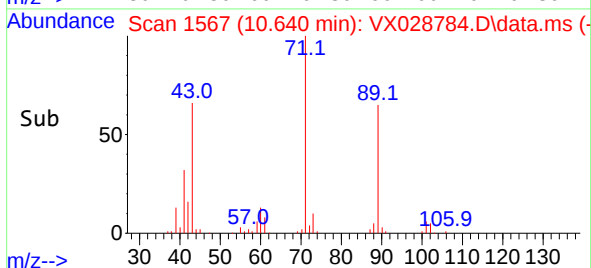
Tgt Ion:152 Resp: 268580
Ion Ratio Lower Upper
152 100
115 62.1 37.5 112.7
150 156.4 0.0 338.2

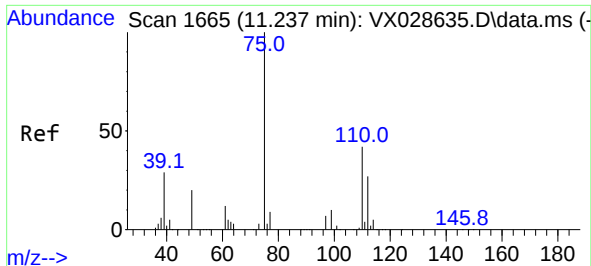


#74
N-ethyl acetate
Concen: 2.524 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12



Tgt Ion: 43 Resp: 20210
Ion Ratio Lower Upper
43 100
70 2.0 42.5 63.7#
55 5.6 23.1 34.7#
61 11.0 22.8 34.2#

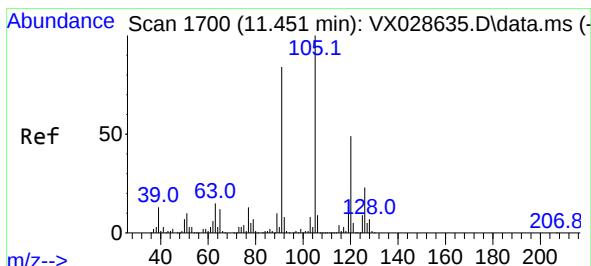
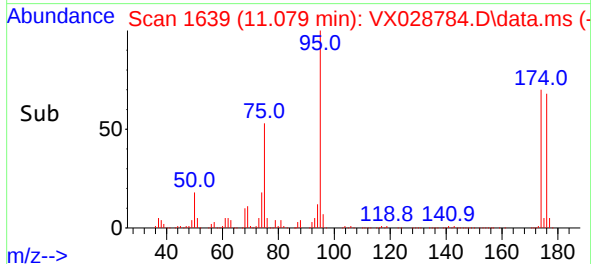
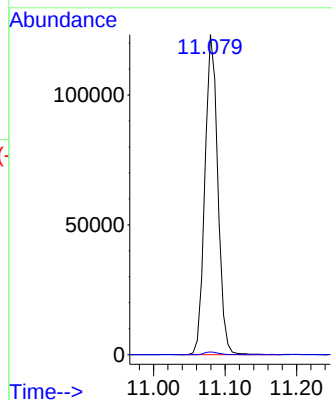
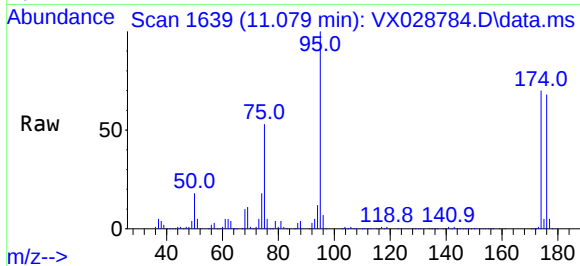




#76
1,2,3-Trichloropropane
Concen: 24.583 ug/l
RT: 11.079 min Scan# 1665
Delta R.T. -0.158 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

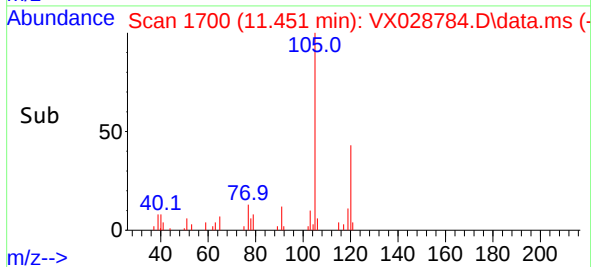
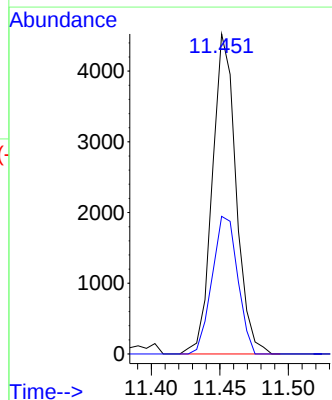
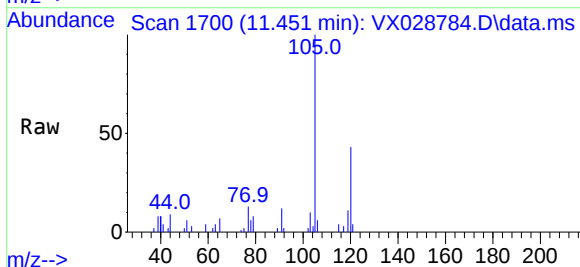
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#03

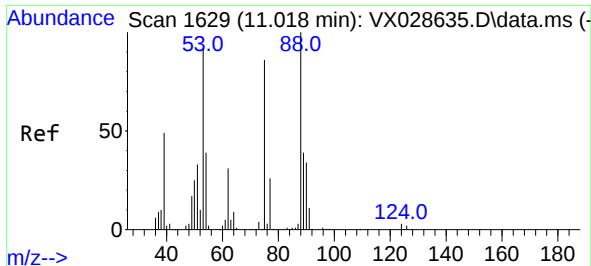
Tgt Ion: 75 Resp: 154627
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#



#80
1,3,5-Trimethylbenzene
Concen: 0.320 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028784.D
Acq: 18 May 2022 02:12

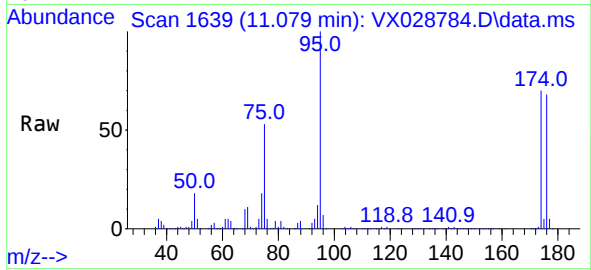
Tgt Ion: 105 Resp: 5427
Ion Ratio Lower Upper
105 100
120 46.4 24.3 72.9





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.532 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028784.D
 Acq: 18 May 2022 02:12

Instrument :
 MSVOA_X
 ClientSampleId :
 PB144875ZHE#03



Tgt Ion: 75 Resp: 154627
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

