

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020722\
 Data File : VX026792.D
 Acq On : 07 Feb 2022 18:11
 Operator : JC/MD
 Sample : PB142502TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142502TB

Quant Time: Feb 07 23:32:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

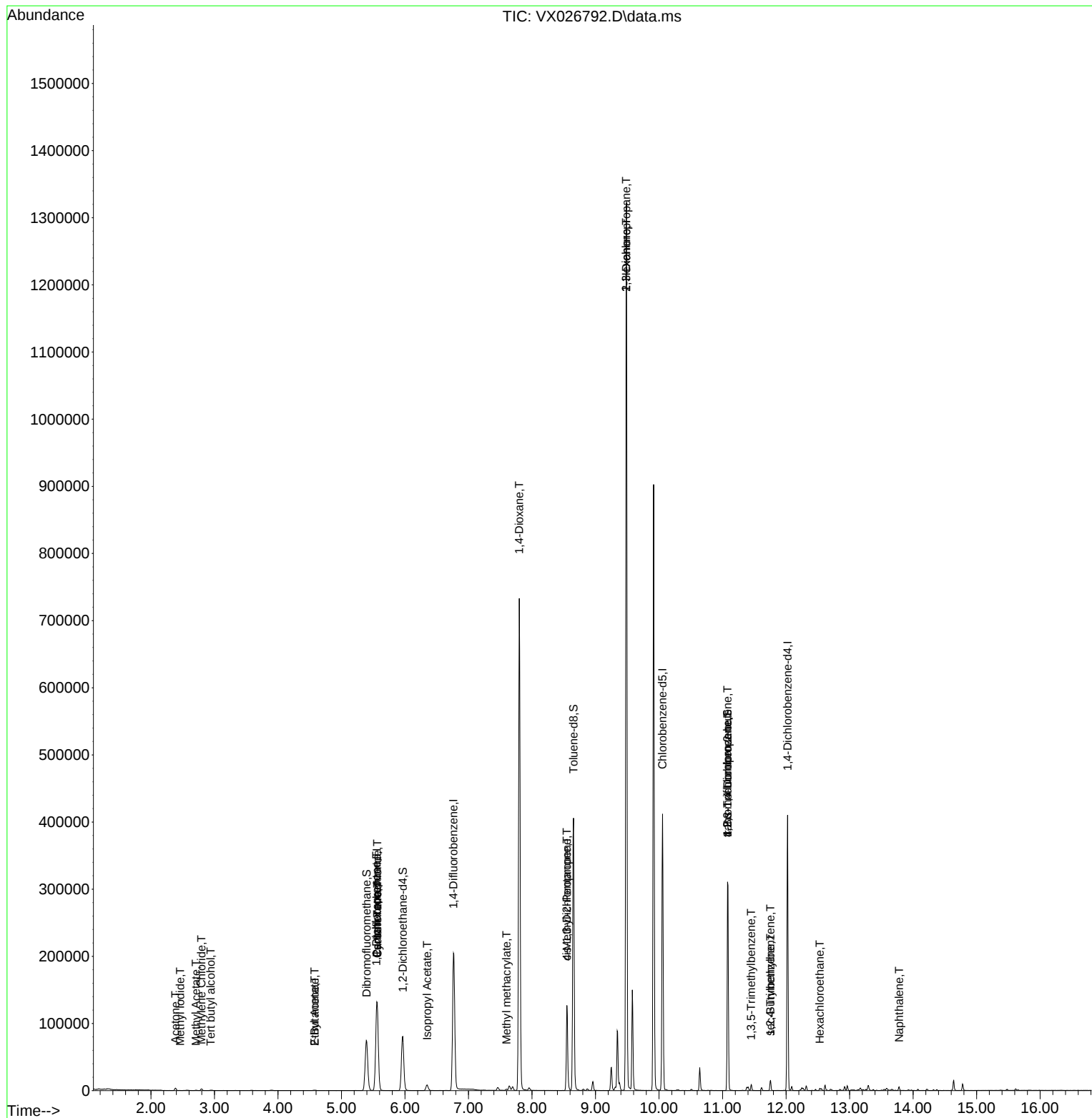
Internal Standards						
1) Pentafluorobenzene	5.555	168	129047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	79169	43.917	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.840%		
35) Dibromofluoromethane	5.397	113	66129	47.664	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.320%		
50) Toluene-d8	8.652	98	245724	49.149	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.300%		
62) 4-Bromofluorobenzene	11.079	95	88233	49.680	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.360%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.458	142	68	4.486	ug/l #	37
11) Tert butyl alcohol	2.940	59	476	1.898	ug/l #	75
16) Acetone	2.385	43	4189	4.557	ug/l	96
18) Methyl Acetate	2.708	43	662	0.362	ug/l #	81
20) Methylene Chloride	2.794	84	1169	0.770	ug/l	88
25) 2-Butanone	4.574	43	971	0.812	ug/l	94
31) Cyclohexane	5.562	56	2411	0.907	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	9798	4.474	ug/l #	50
37) Ethyl Acetate	4.574	43	971	0.438	ug/l #	69
38) Carbon Tetrachloride	5.562	117	13037	5.787	ug/l #	17
43) Isopropyl Acetate	6.348	43	11732	3.278	ug/l	99
48) Methyl methacrylate	7.598	41	3137	1.769	ug/l #	16
49) 1,4-Dioxane	7.799	88	32	1.099	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	42459	20.002	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	19965	8.637	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	11786	4.693	ug/l #	43
59) 2-Hexanone	9.482	43	162014	99.719	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	42367	23.440	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	4202	0.757	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	42367	71.560	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	7142	1.287	ug/l	99
85) sec-Butylbenzene	11.756	105	7142	1.066	ug/l #	56
90) Hexachloroethane	12.530	117	191	2.372	ug/l #	14
95) Naphthalene	13.780	128	3732	0.639	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020722\
Data File : VX026792.D
Acq On : 07 Feb 2022 18:11
Operator : JC/MD
Sample : PB142502TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB142502TB

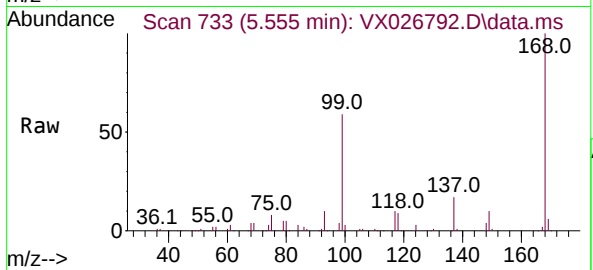
Quant Time: Feb 07 23:32:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



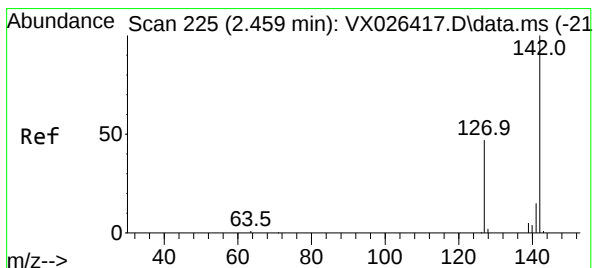
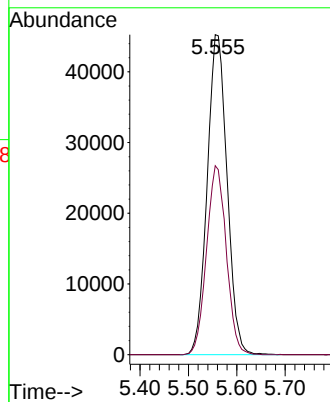
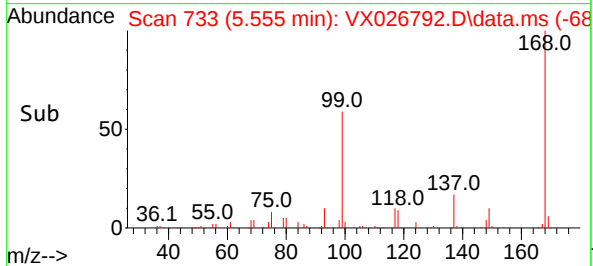


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX026792.D
Acq: 07 Feb 2022 18:11

Instrument :
MSVOA_X
ClientSampleId :
PB142502TB

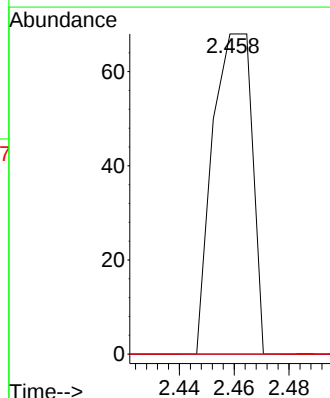
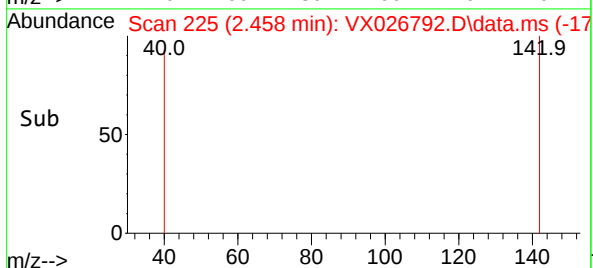
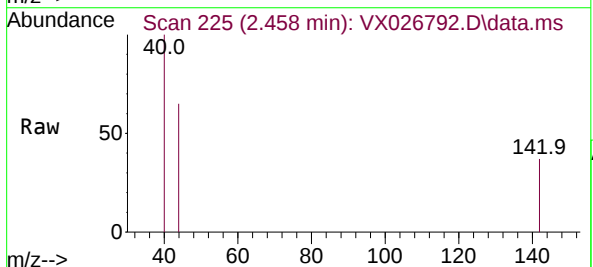


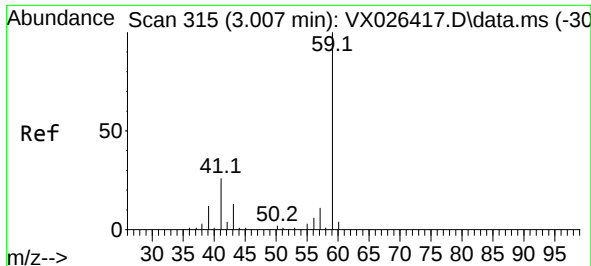
Tgt Ion:168 Resp: 129047
Ion Ratio Lower Upper
168 100
99 59.1 50.3 75.5



#10
Methyl Iodide
Concen: 4.486 ug/l
RT: 2.458 min Scan# 225
Delta R.T. -0.001 min
Lab File: VX026792.D
Acq: 07 Feb 2022 18:11

Tgt Ion:142 Resp: 68
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

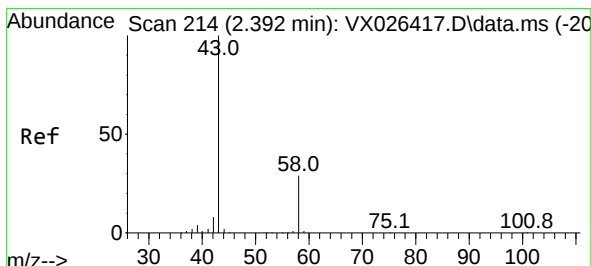
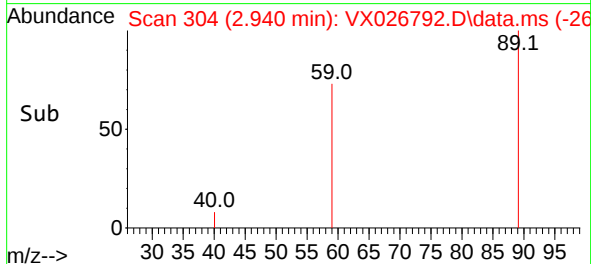
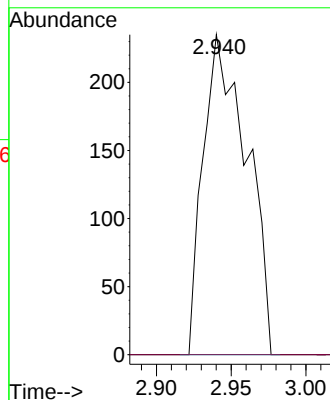
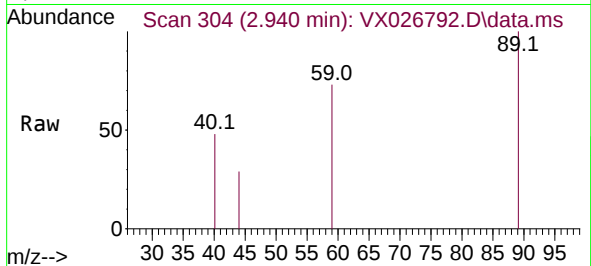




#11
Tert butyl alcohol
Concen: 1.898 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX026792.D
Acq: 07 Feb 2022 18:11

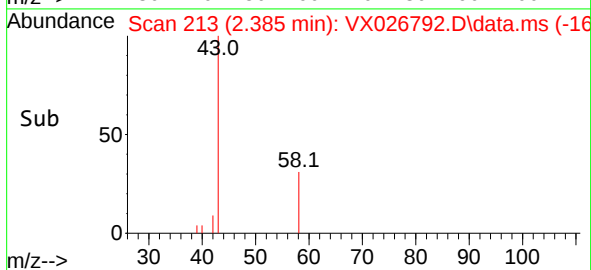
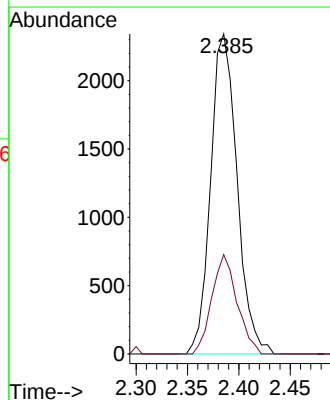
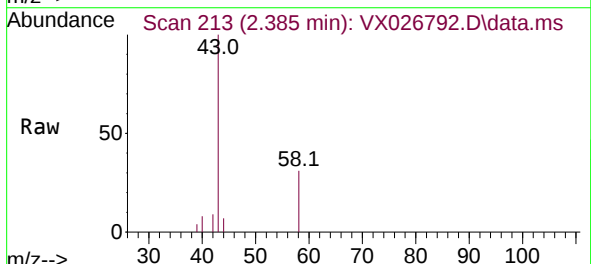
Instrument :
MSVOA_X
ClientSampleId :
PB142502TB

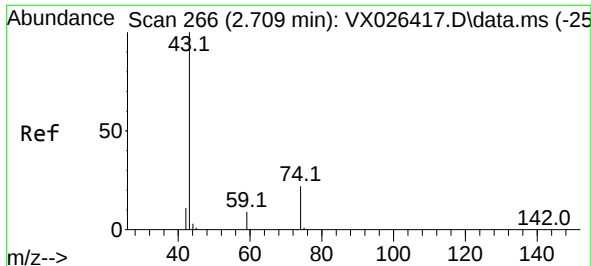
Tgt Ion: 59 Resp: 476
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 4.557 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026792.D
Acq: 07 Feb 2022 18:11

Tgt Ion: 43 Resp: 4189
Ion Ratio Lower Upper
43 100
58 31.0 23.0 34.6

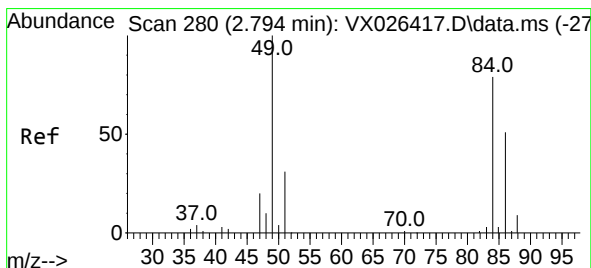
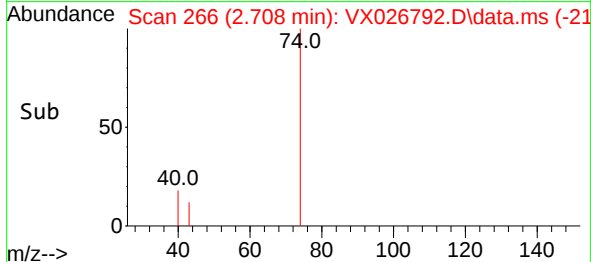
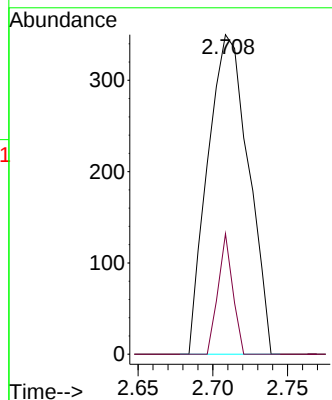
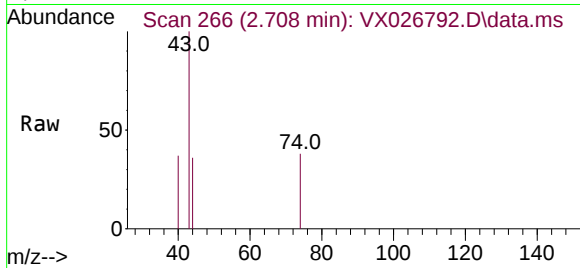




#18
Methyl Acetate
Concen: 0.362 ug/l
RT: 2.708 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX026792.D
Acq: 07 Feb 2022 18:11

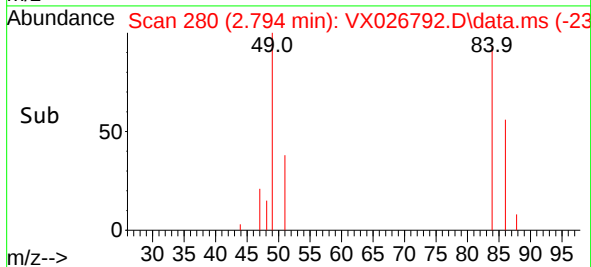
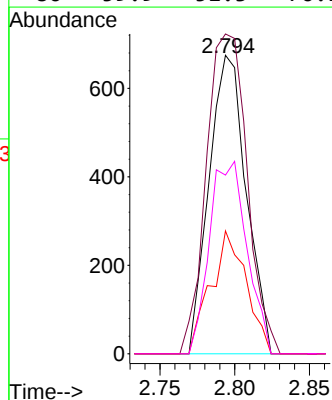
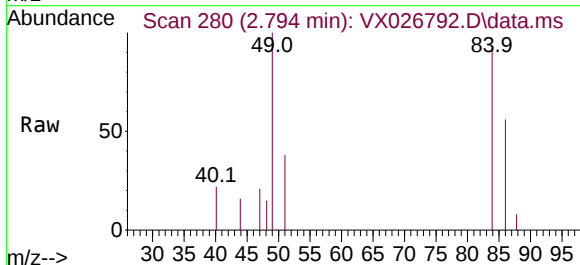
Instrument :
MSVOA_X
ClientSampleId :
PB142502TB

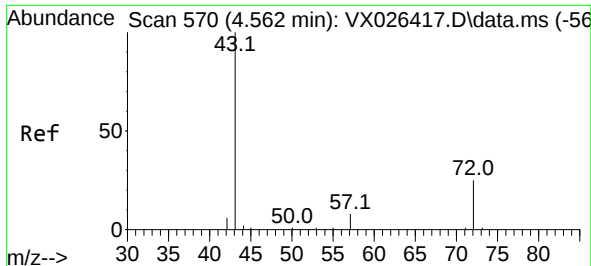
Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
74 13.6 18.3 27.5#



#20
Methylene Chloride
Concen: 0.770 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX026792.D
Acq: 07 Feb 2022 18:11

Tgt Ion: 84 Resp: 1169
Ion Ratio Lower Upper
84 100
49 107.1 101.5 152.3
51 41.2 31.2 46.8
86 59.9 51.3 76.9

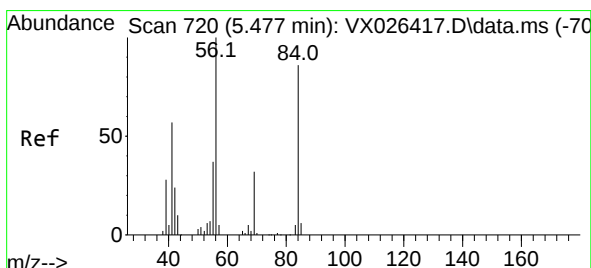
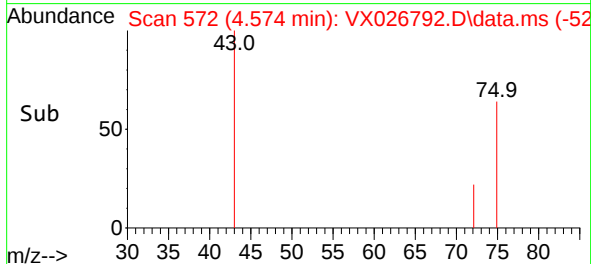
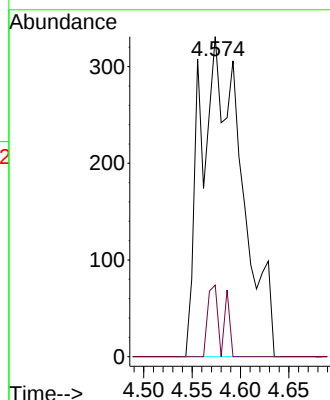
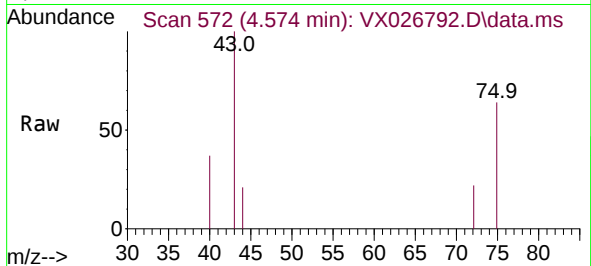




#25
2-Butanone
Concen: 0.812 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX026792.D
Acq: 07 Feb 2022 18:11

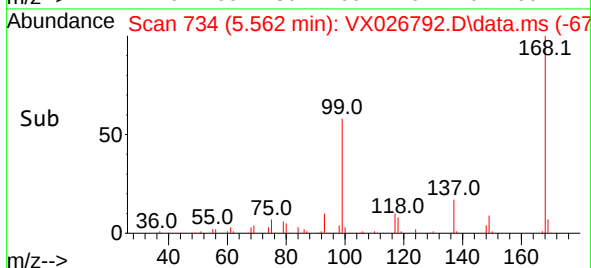
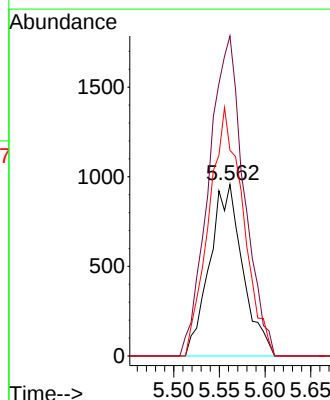
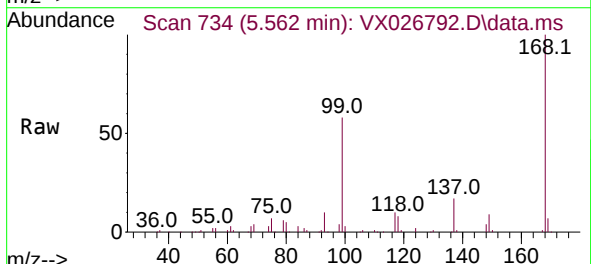
Instrument :
MSVOA_X
ClientSampleId :
PB142502TB

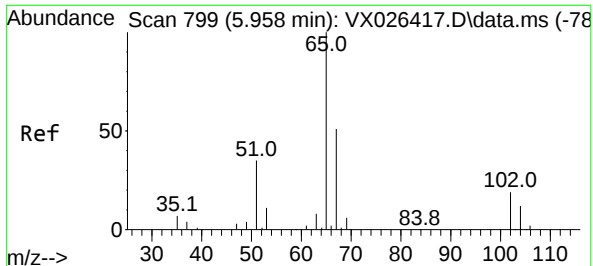
Tgt Ion: 43 Resp: 971
Ion Ratio Lower Upper
43 100
72 22.4 20.4 30.6



#31
Cyclohexane
Concen: 0.907 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX026792.D
Acq: 07 Feb 2022 18:11

Tgt Ion: 56 Resp: 2411
Ion Ratio Lower Upper
56 100
69 186.6 25.8 38.6#
84 120.0 68.9 103.3#

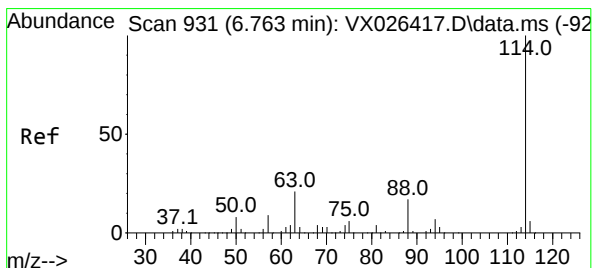
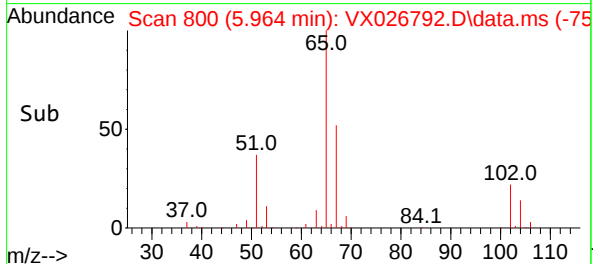
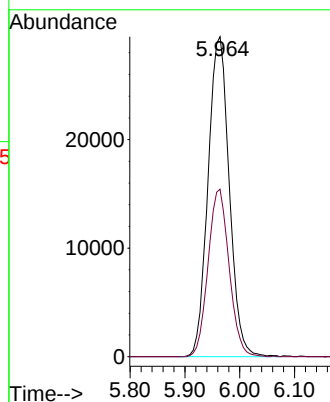
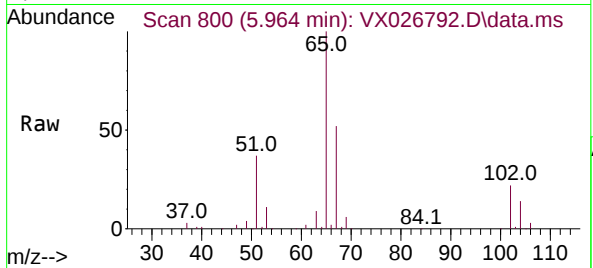




#33
 1,2-Dichloroethane-d4
 Concen: 43.917 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX026792.D
 Acq: 07 Feb 2022 18:11

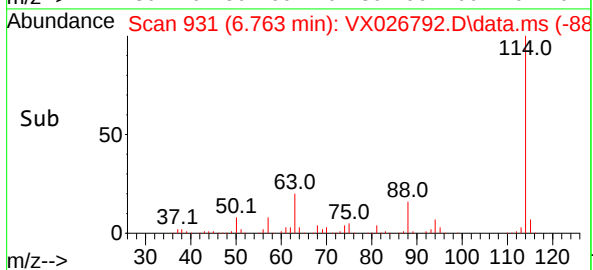
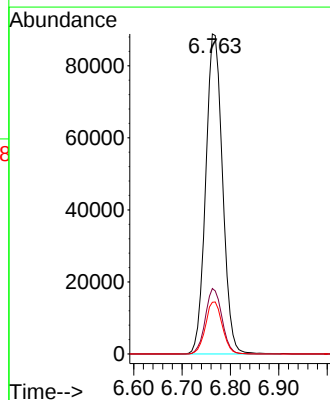
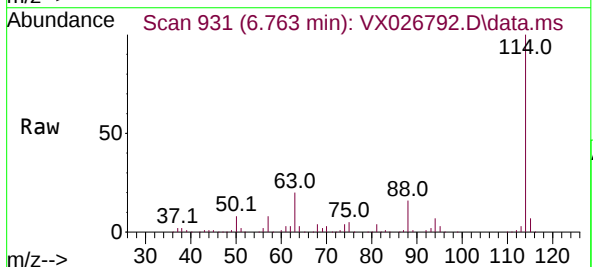
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142502TB

Tgt Ion: 65 Resp: 79169
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX026792.D
 Acq: 07 Feb 2022 18:11

Tgt Ion: 114 Resp: 214844
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.8
 88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.664 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX026792.D

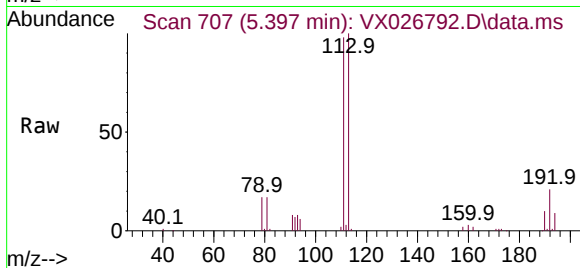
Acq: 07 Feb 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

PB142502TB



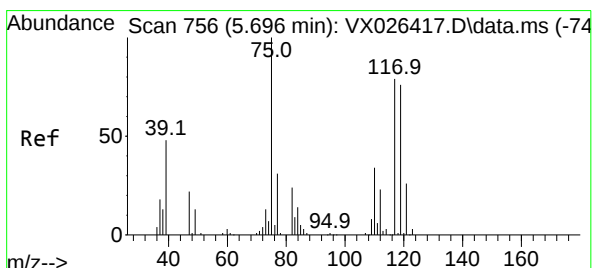
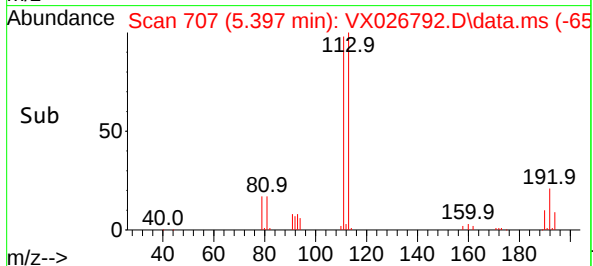
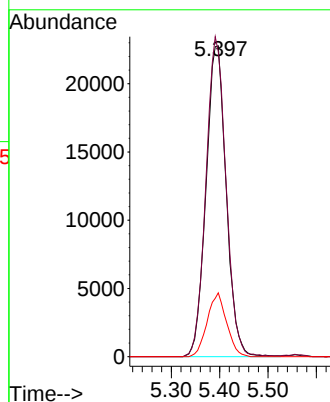
Tgt Ion:113 Resp: 66129

Ion Ratio Lower Upper

113 100

111 102.2 81.2 121.8

192 19.7 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.474 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.147 min

Lab File: VX026792.D

Acq: 07 Feb 2022 18:11

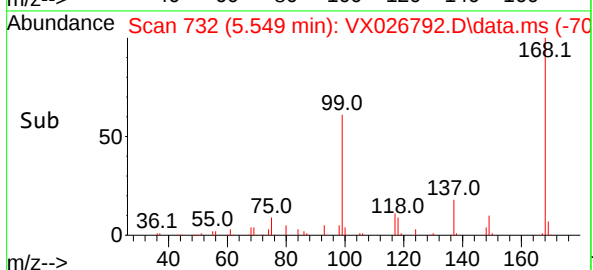
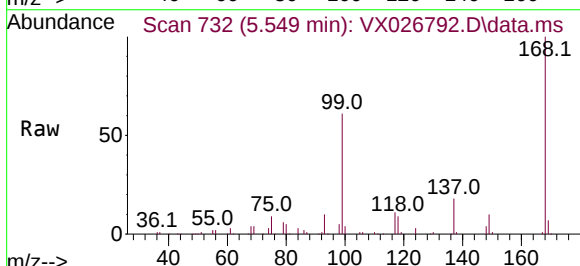
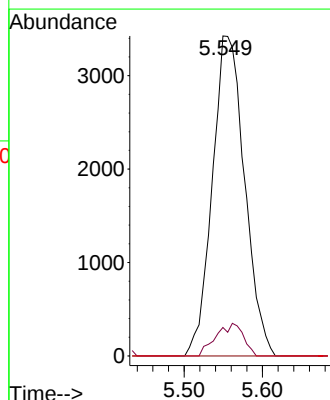
Tgt Ion: 75 Resp: 9798

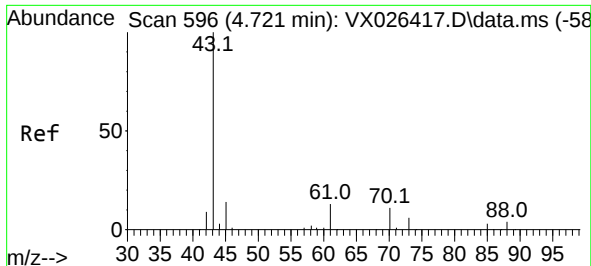
Ion Ratio Lower Upper

75 100

110 8.6 17.2 51.6#

77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 0.438 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.147 min

Lab File: VX026792.D

Acq: 07 Feb 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

PB142502TB

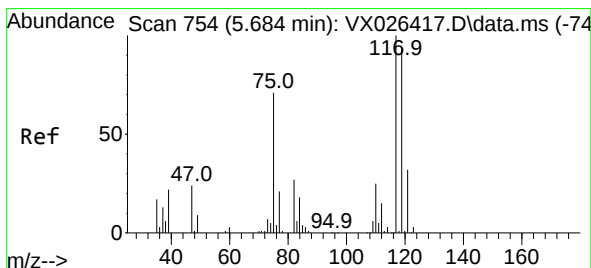
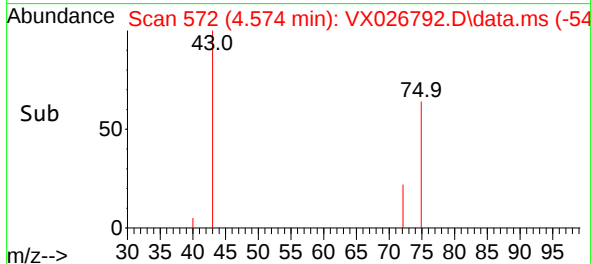
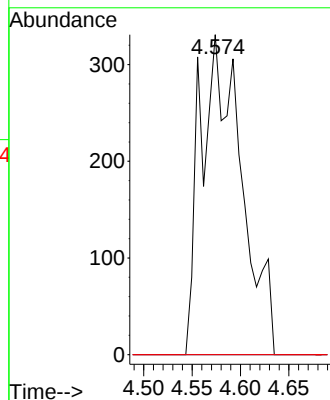
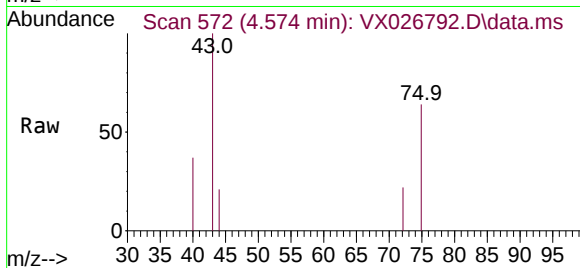
Tgt Ion: 43 Resp: 971

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 5.787 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX026792.D

Acq: 07 Feb 2022 18:11

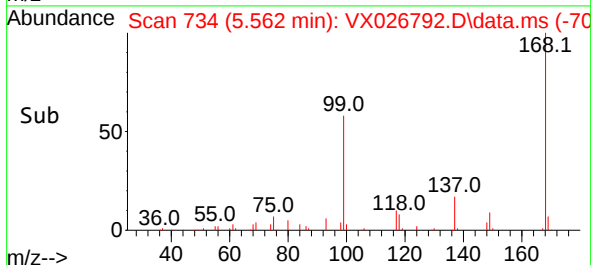
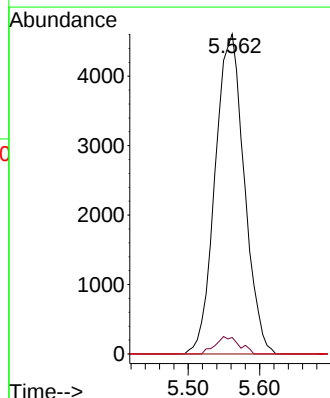
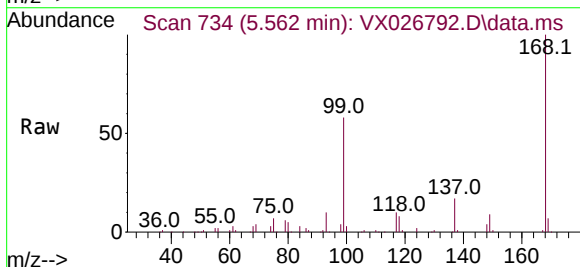
Tgt Ion: 117 Resp: 13037

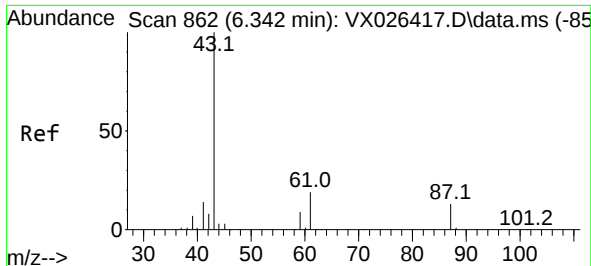
Ion Ratio Lower Upper

117 100

119 5.2 74.7 112.1#

121 0.0 25.4 38.0#

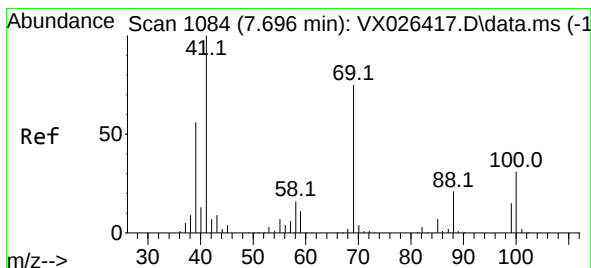
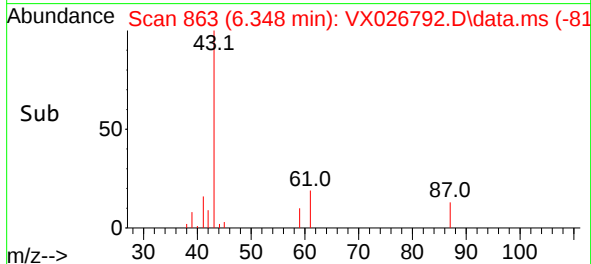
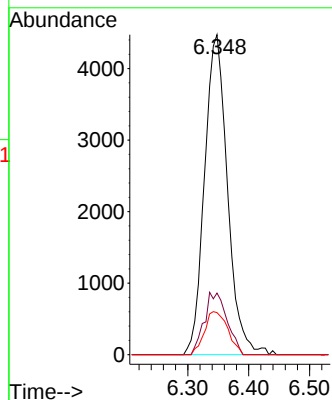
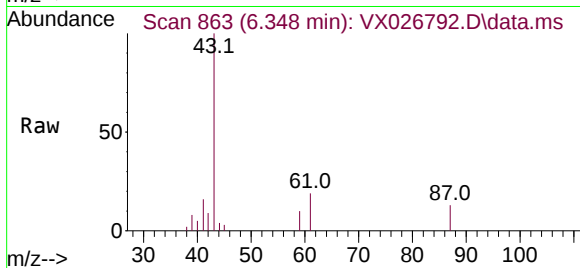




#43
Isopropyl Acetate
Concen: 3.278 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX026792.D
Acq: 07 Feb 2022 18:11

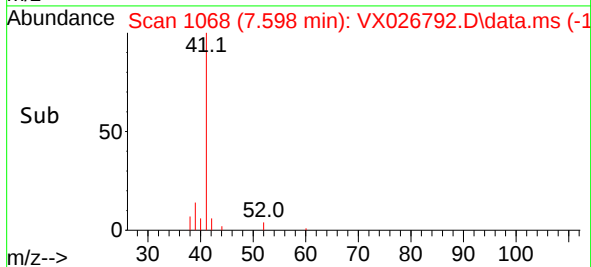
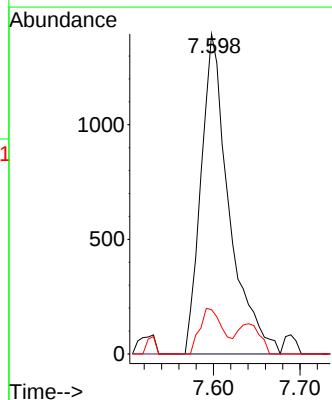
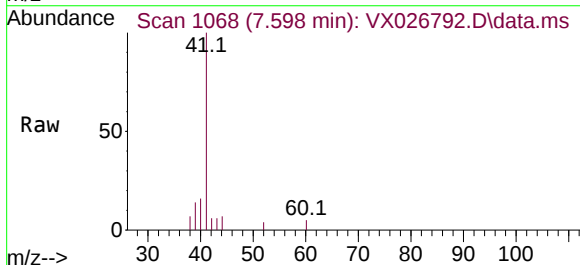
Instrument :
MSVOA_X
ClientSampleId :
PB142502TB

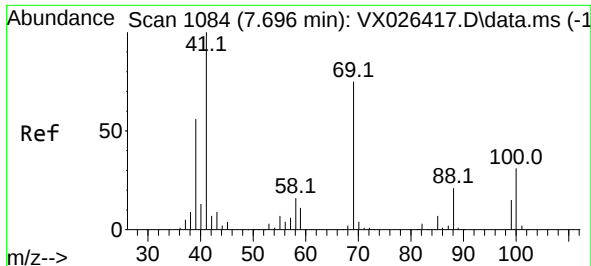
Tgt Ion: 43 Resp: 11732
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 13.6 10.2 15.2



#48
Methyl methacrylate
Concen: 1.769 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026792.D
Acq: 07 Feb 2022 18:11

Tgt Ion: 41 Resp: 3137
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#





#49

1,4-Dioxane

Concen: 1.099 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.103 min

Lab File: VX026792.D

Acq: 07 Feb 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

PB142502TB

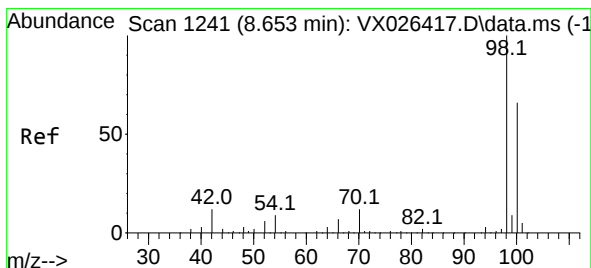
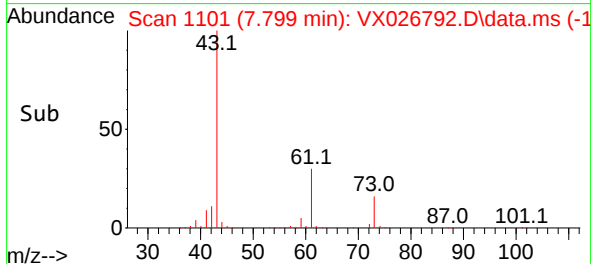
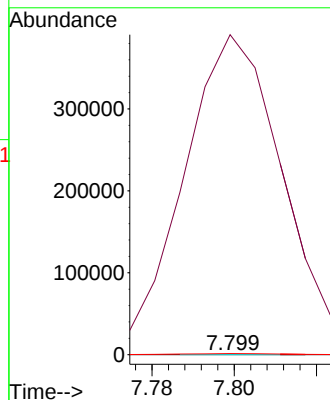
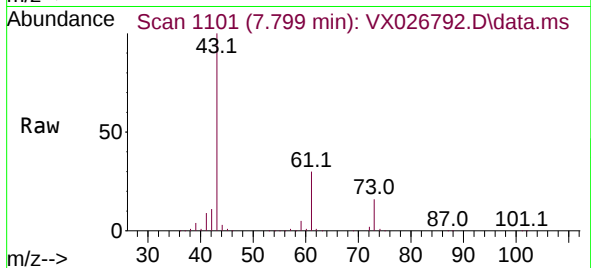
Tgt Ion: 88 Resp: 32

Ion Ratio Lower Upper

88 100

43 2085693.8 29.9 44.9#

58 7553.1 57.8 86.6#



#50

Toluene-d8

Concen: 49.149 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026792.D

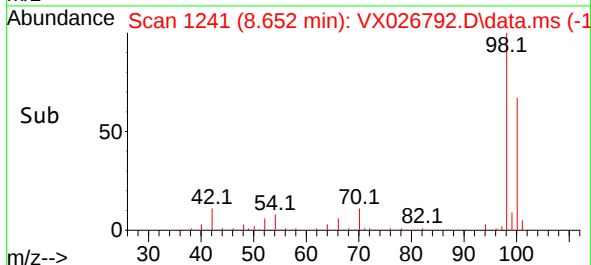
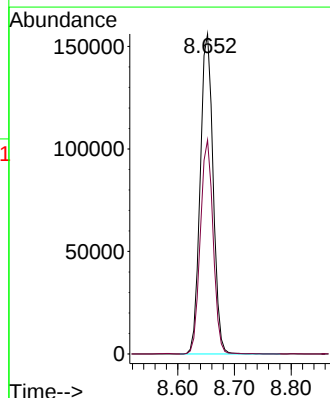
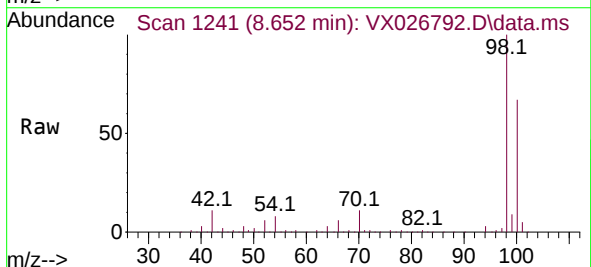
Acq: 07 Feb 2022 18:11

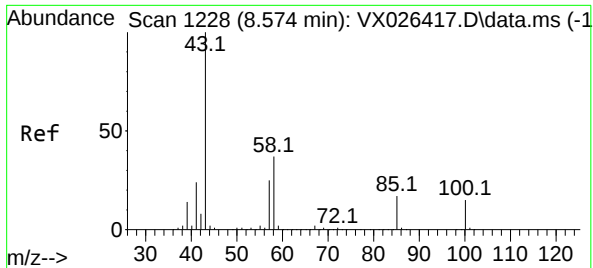
Tgt Ion: 98 Resp: 245724

Ion Ratio Lower Upper

98 100

100 66.5 53.2 79.8

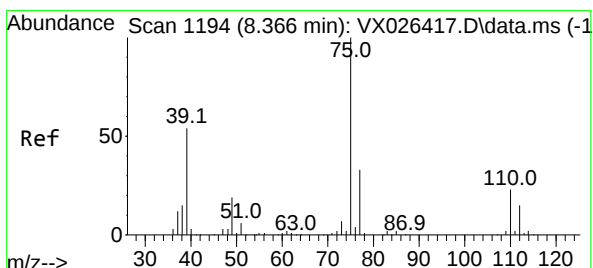
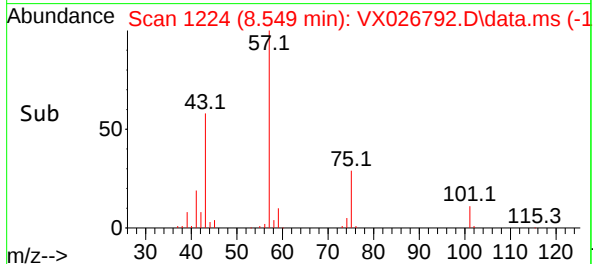
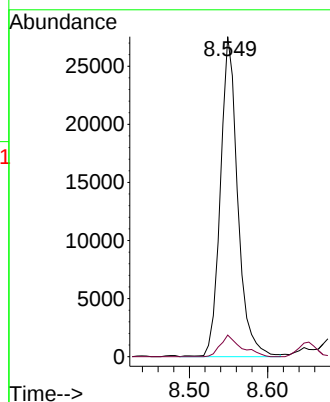
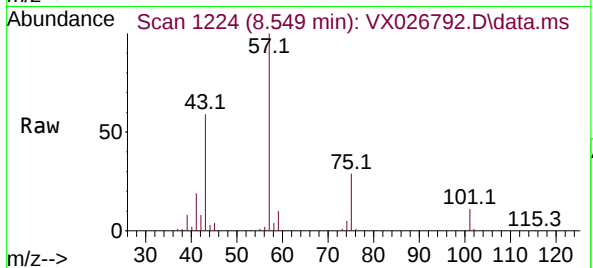




#51
4-Methyl-2-Pentanone
Concen: 20.002 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX026792.D
Acq: 07 Feb 2022 18:11

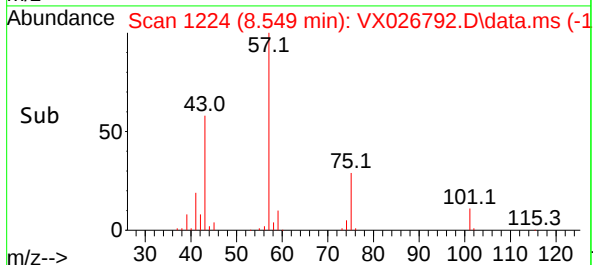
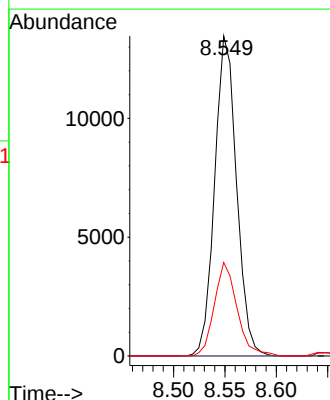
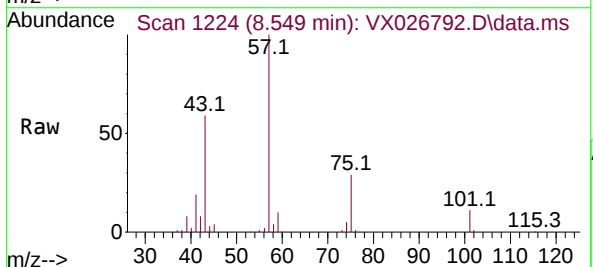
Instrument :
MSVOA_X
ClientSampleId :
PB142502TB

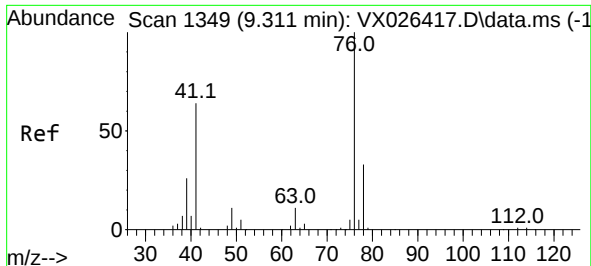
Tgt Ion: 43 Resp: 42459
Ion Ratio Lower Upper
43 100
58 8.0 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 8.637 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026792.D
Acq: 07 Feb 2022 18:11

Tgt Ion: 75 Resp: 19965
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.2#
39 29.2 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 4.693 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.170 min

Lab File: VX026792.D

Acq: 07 Feb 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

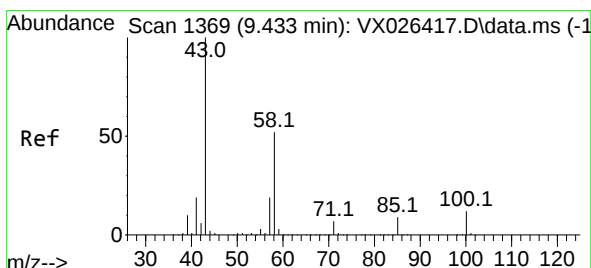
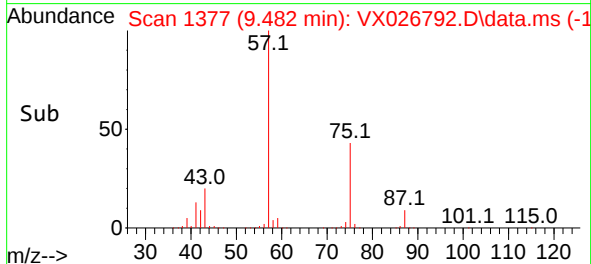
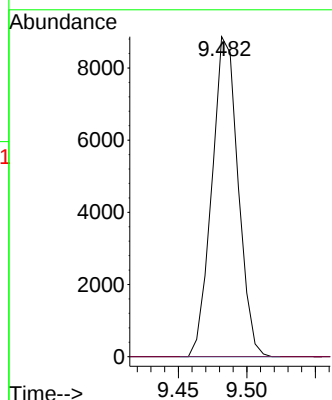
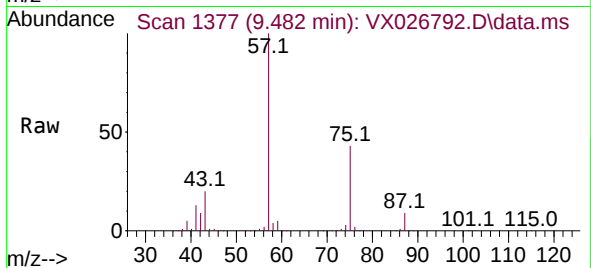
PB142502TB

Tgt Ion: 76 Resp: 11786

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 99.719 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.048 min

Lab File: VX026792.D

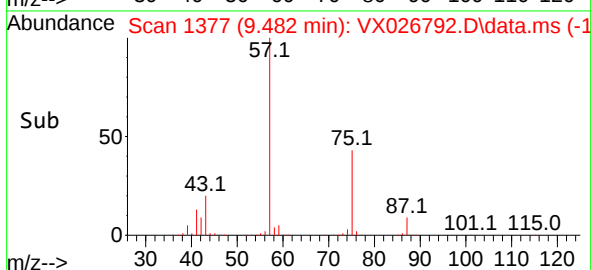
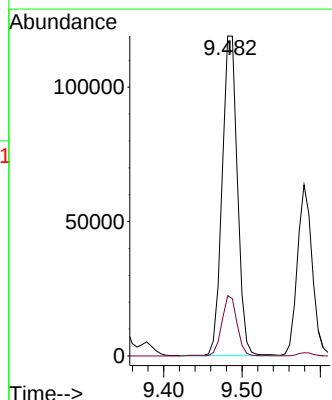
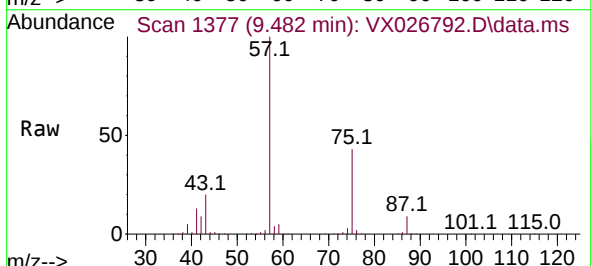
Acq: 07 Feb 2022 18:11

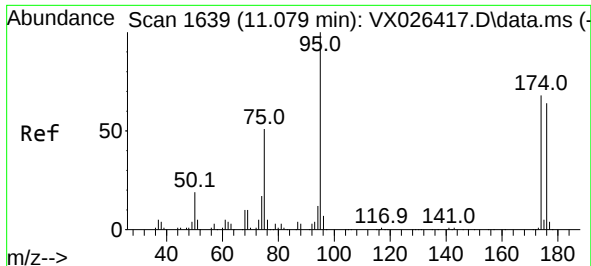
Tgt Ion: 43 Resp: 162014

Ion Ratio Lower Upper

43 100

58 18.8 26.4 79.2#

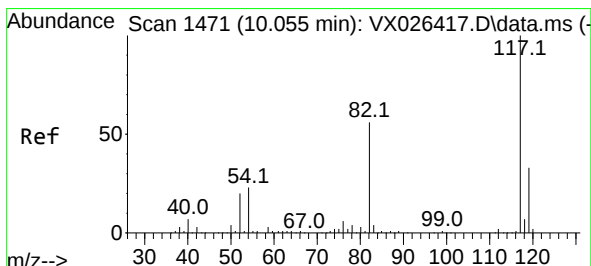
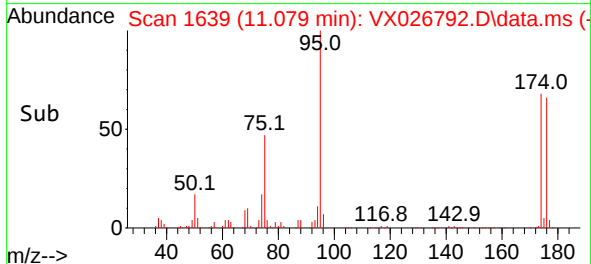
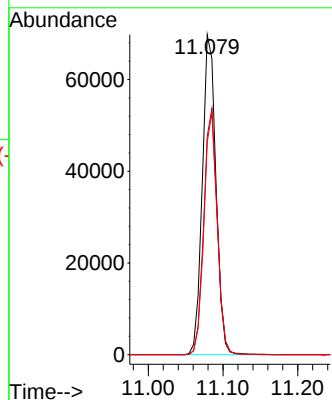
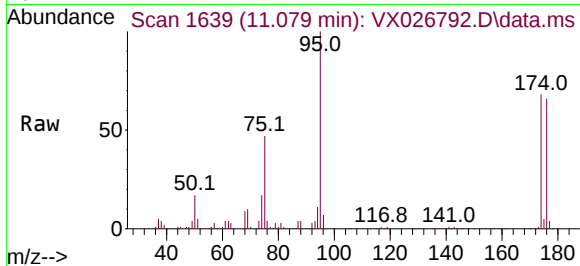




#62
4-Bromofluorobenzene
Concen: 49.680 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026792.D
Acq: 07 Feb 2022 18:11

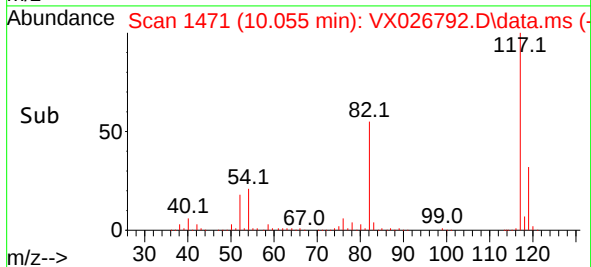
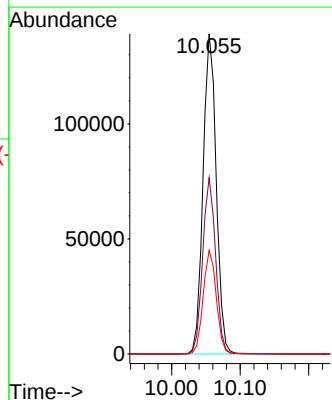
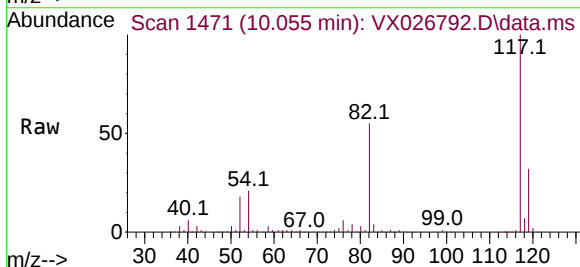
Instrument :
MSVOA_X
ClientSampleId :
PB142502TB

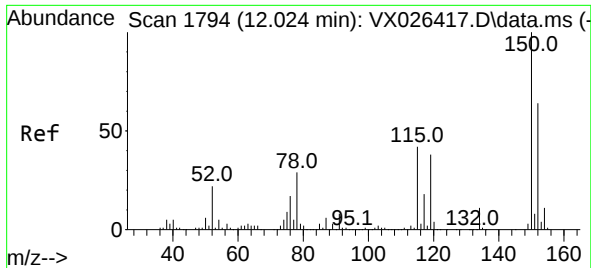
Tgt Ion: 95 Resp: 88233
Ion Ratio Lower Upper
95 100
174 76.0 0.0 148.6
176 73.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026792.D
Acq: 07 Feb 2022 18:11

Tgt Ion: 117 Resp: 186266
Ion Ratio Lower Upper
117 100
82 55.1 45.2 67.8
119 32.4 26.2 39.2

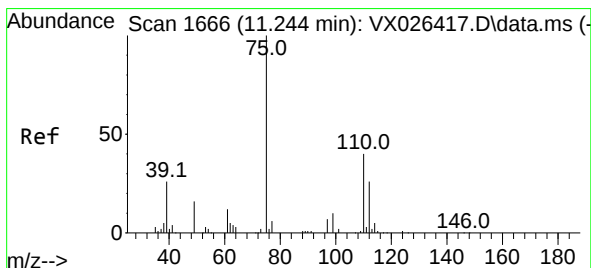
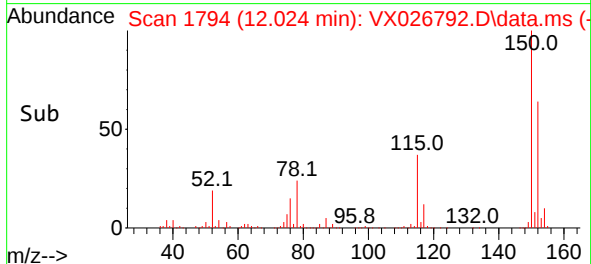
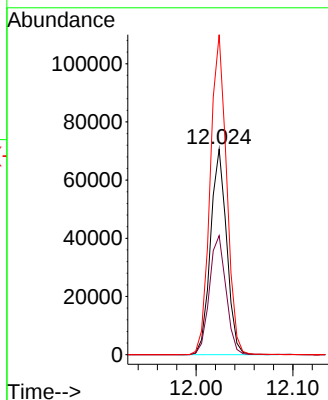
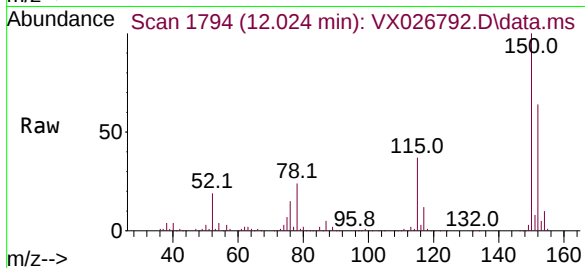




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX026792.D
 Acq: 07 Feb 2022 18:11

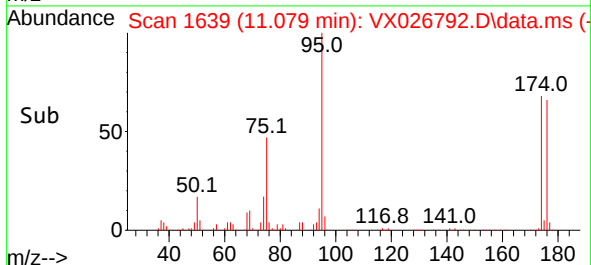
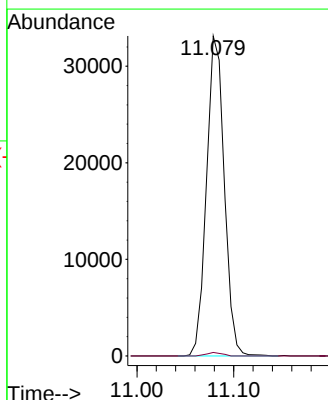
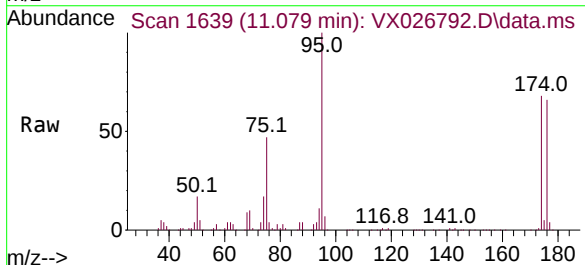
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142502TB

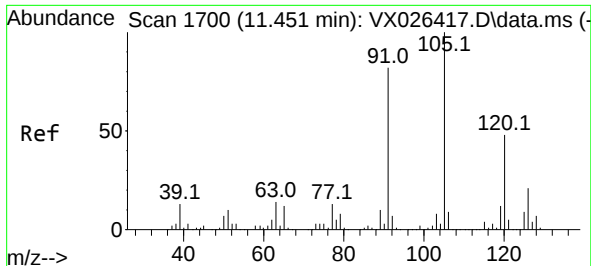
Tgt Ion:152 Resp: 82090
 Ion Ratio Lower Upper
 152 100
 115 59.6 44.2 132.6
 150 158.0 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 23.440 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026792.D
 Acq: 07 Feb 2022 18:11

Tgt Ion: 75 Resp: 42367
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.3 54.8#

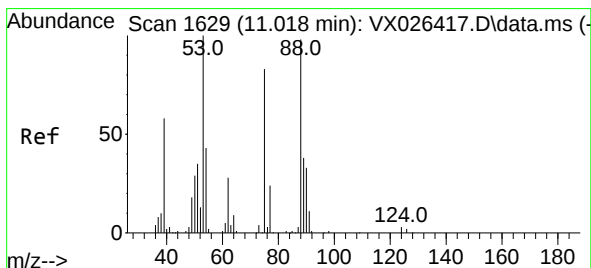
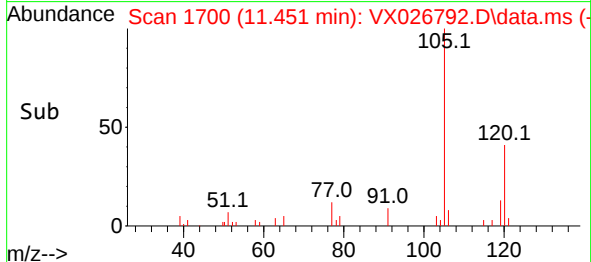
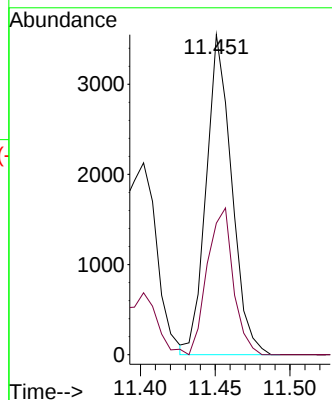
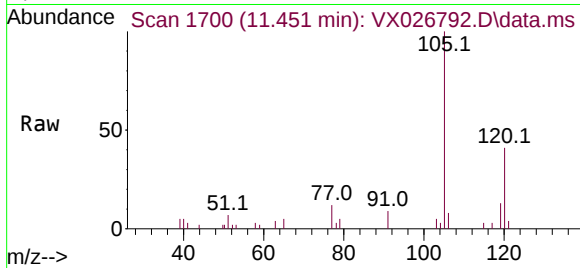




#80
1,3,5-Trimethylbenzene
Concen: 0.757 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026792.D
Acq: 07 Feb 2022 18:11

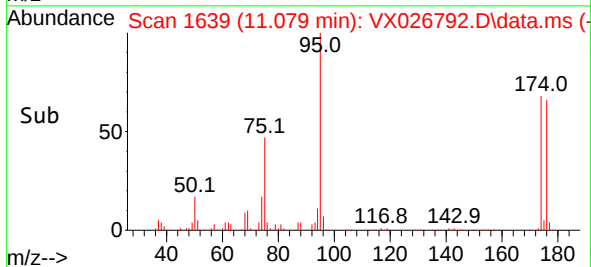
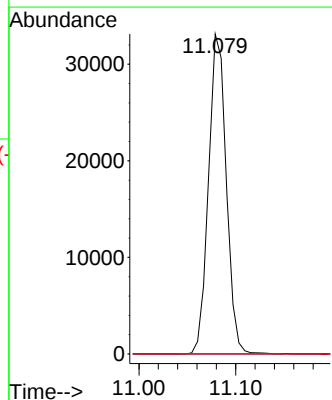
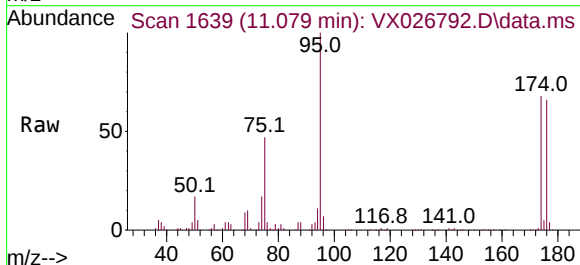
Instrument :
MSVOA_X
ClientSampleId :
PB142502TB

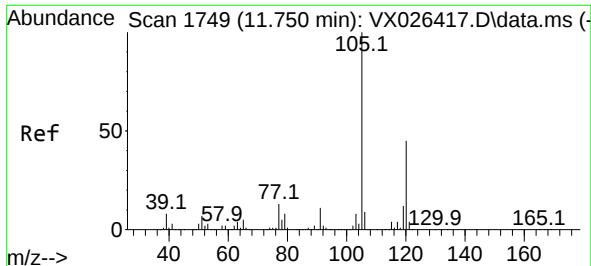
Tgt Ion:105 Resp: 4202
Ion Ratio Lower Upper
105 100
120 46.7 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 71.560 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026792.D
Acq: 07 Feb 2022 18:11

Tgt Ion: 75 Resp: 42367
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

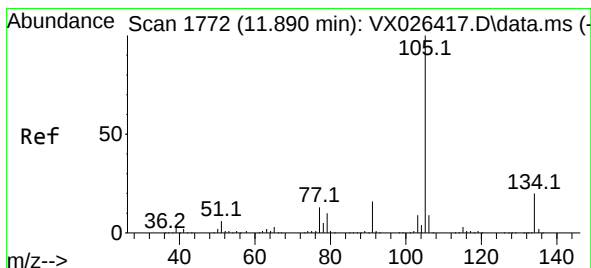
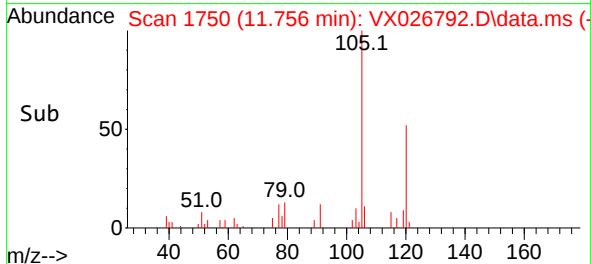
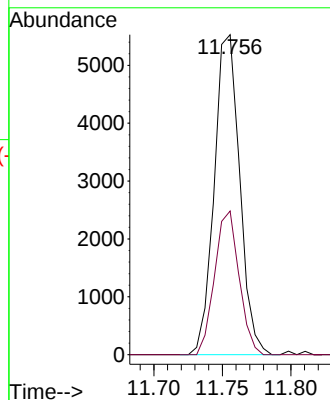
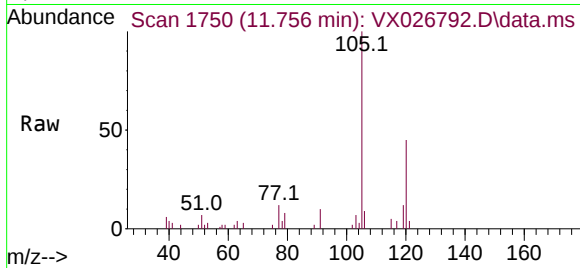




#84
1,2,4-Trimethylbenzene
Concen: 1.287 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX026792.D
Acq: 07 Feb 2022 18:11

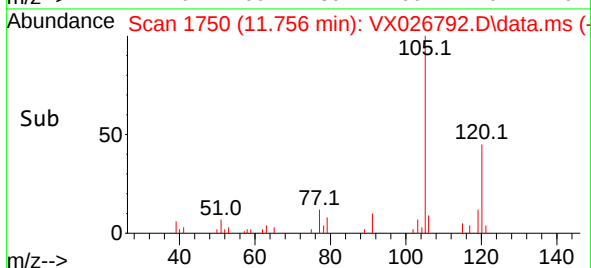
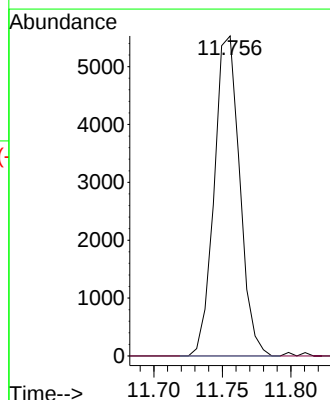
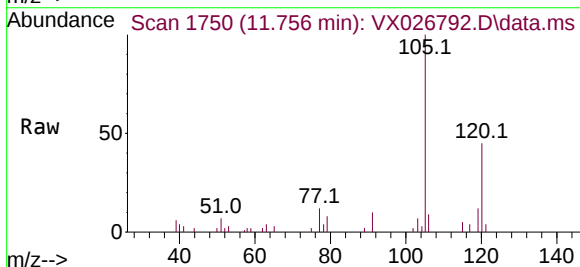
Instrument :
MSVOA_X
ClientSampleId :
PB142502TB

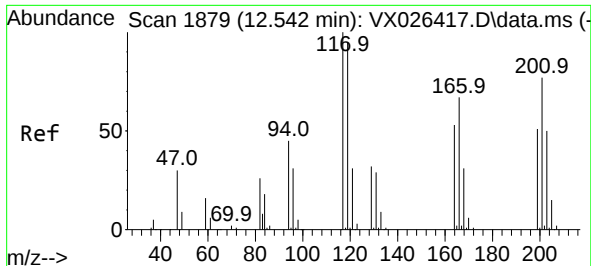
Tgt Ion:105 Resp: 7142
Ion Ratio Lower Upper
105 100
120 43.0 21.9 65.5



#85
sec-Butylbenzene
Concen: 1.066 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX026792.D
Acq: 07 Feb 2022 18:11

Tgt Ion:105 Resp: 7142
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#

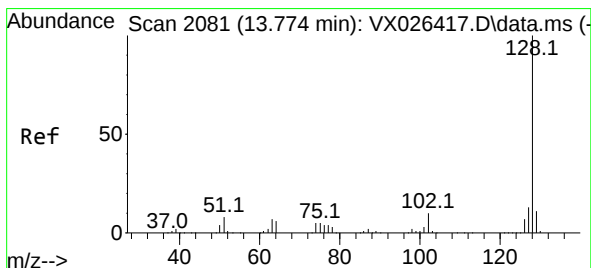
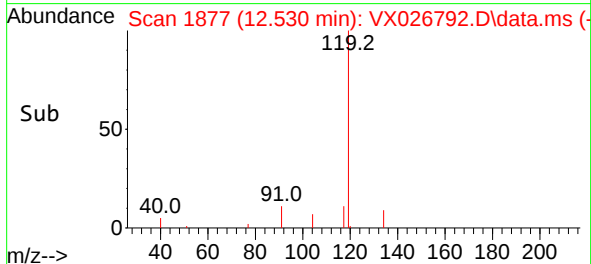
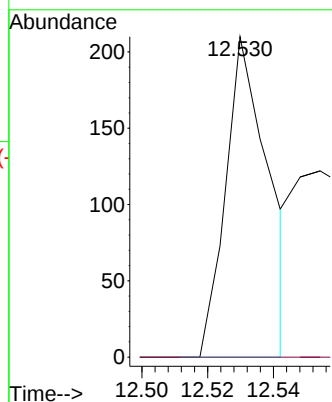
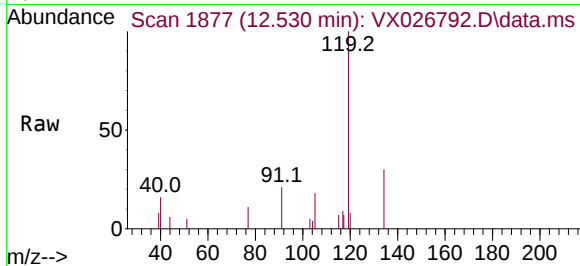




#90
Hexachloroethane
Concen: 2.372 ug/l
RT: 12.530 min Scan# 117
Delta R.T. -0.012 min
Lab File: VX026792.D
Acq: 07 Feb 2022 18:11

Instrument :
MSVOA_X
ClientSampleId :
PB142502TB

Tgt Ion:117 Resp: 191
Ion Ratio Lower Upper
117 100
201 0.0 35.6 106.8#



#95
Naphthalene
Concen: 0.639 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX026792.D
Acq: 07 Feb 2022 18:11

Tgt Ion:128 Resp: 3732
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 10.0 8.7 13.1

