

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020122\
 Data File : VX026710.D
 Acq On : 01 Feb 2022 16:30
 Operator : JC/MD
 Sample : PB142403ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#03

Quant Time: Feb 02 04:36:33 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)

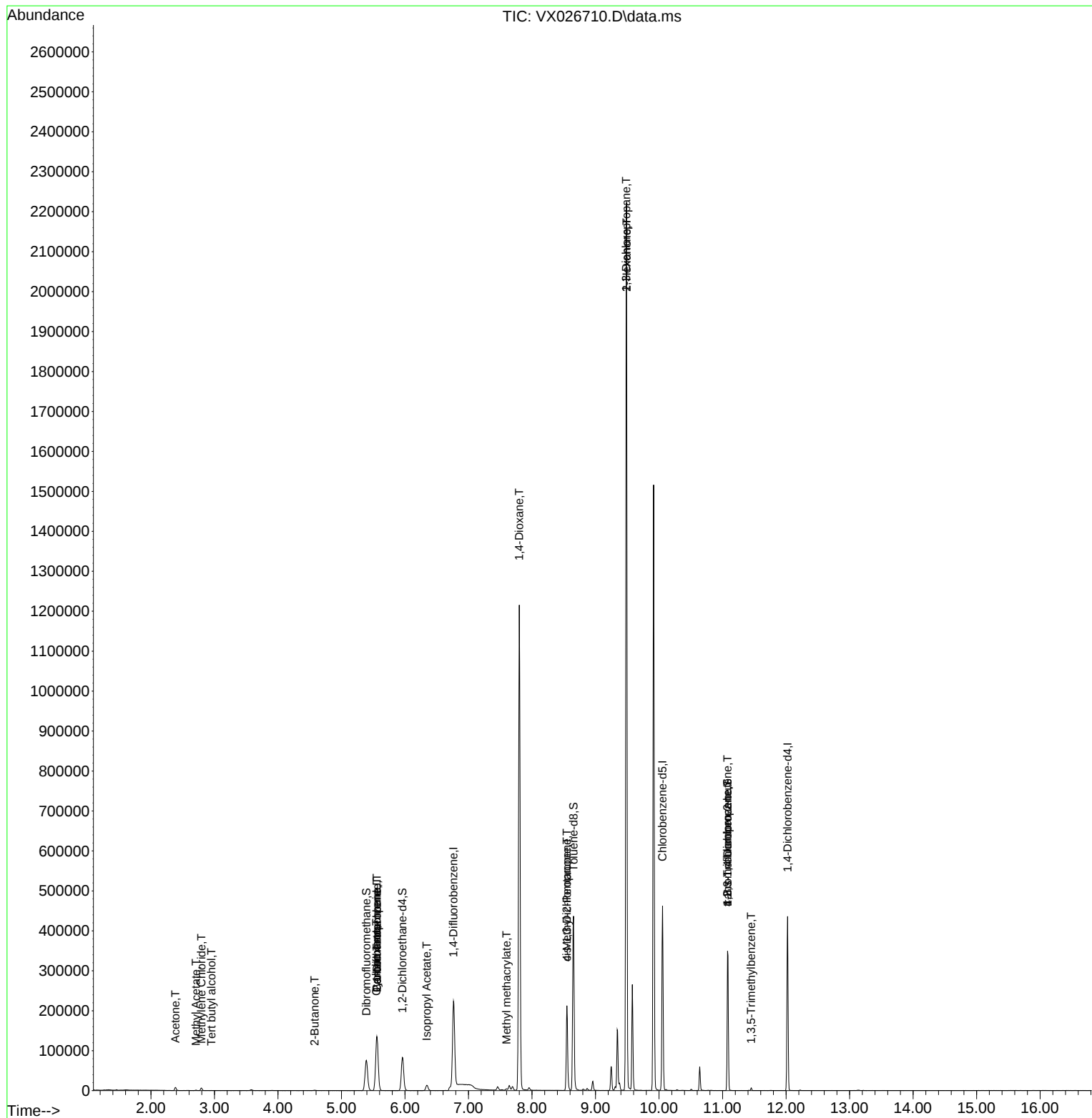
Internal Standards						
1) Pentafluorobenzene	5.556	168	130078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81630	44.923	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.840%		
35) Dibromofluoromethane	5.391	113	67240	47.559	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.120%		
50) Toluene-d8	8.653	98	259087	50.853	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.700%		
62) 4-Bromofluorobenzene	11.079	95	96868	53.522	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.040%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	91	0.360	ug/l #	75
16) Acetone	2.386	43	9319	10.057	ug/l	98
18) Methyl Acetate	2.709	43	1421	0.771	ug/l	93
20) Methylene Chloride	2.794	84	2946	1.924	ug/l	98
25) 2-Butanone	4.574	43	1913	1.587	ug/l #	90
31) Cyclohexane	5.550	56	2548	0.951	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	9859	4.417	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13506	5.883	ug/l #	16
43) Isopropyl Acetate	6.342	43	19438	5.330	ug/l	100
48) Methyl methacrylate	7.598	41	5674	3.139	ug/l #	16
49) 1,4-Dioxane	7.799	88	195	6.574	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	72611	33.566	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	33839	14.364	ug/l #	55
57) 1,3-Dichloropropane	9.482	76	19303	7.542	ug/l #	43
59) 2-Hexanone	9.488	43	270972	163.663	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	47766	24.085	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	2917	0.479	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.079	75	47766	73.390	ug/l #	3

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

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Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
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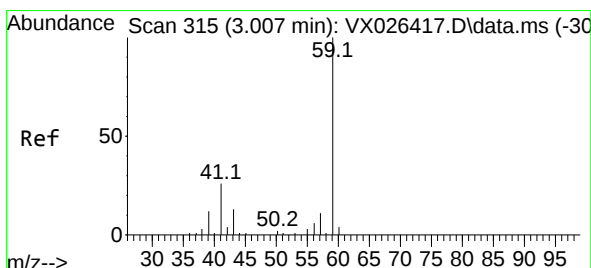
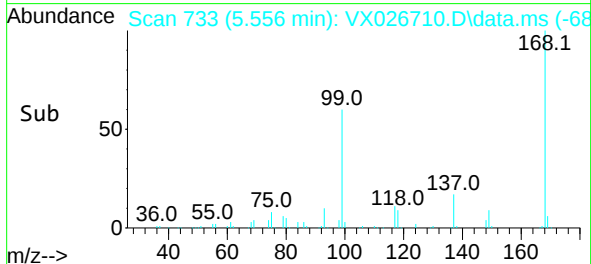
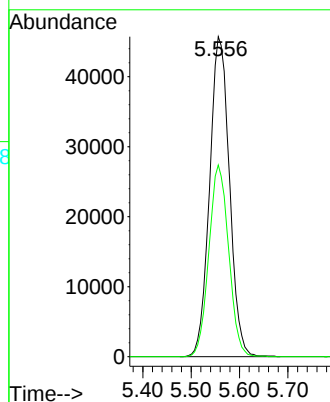
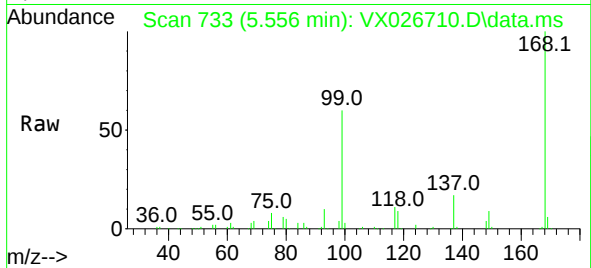




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026710.D
Acq: 01 Feb 2022 16:30

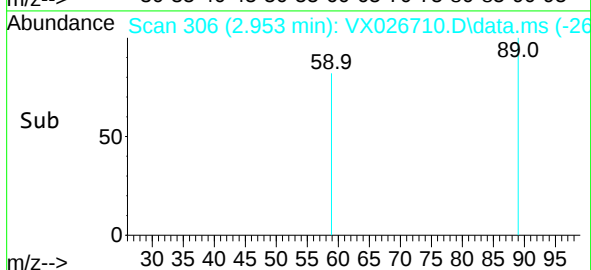
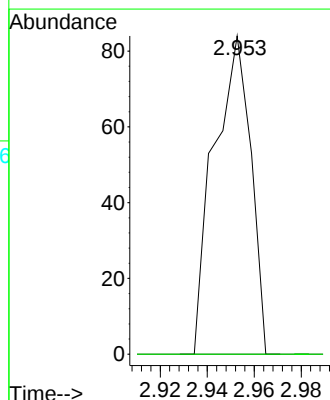
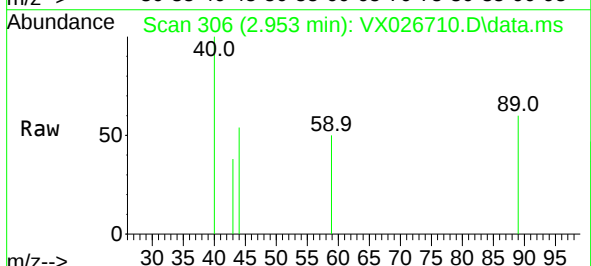
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#03

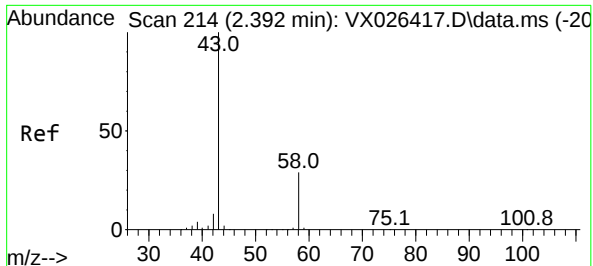
Tgt Ion:168 Resp: 130078
Ion Ratio Lower Upper
168 100
99 59.9 50.3 75.5



#11
Tert butyl alcohol
Concen: 0.360 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.054 min
Lab File: VX026710.D
Acq: 01 Feb 2022 16:30

Tgt Ion: 59 Resp: 91
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

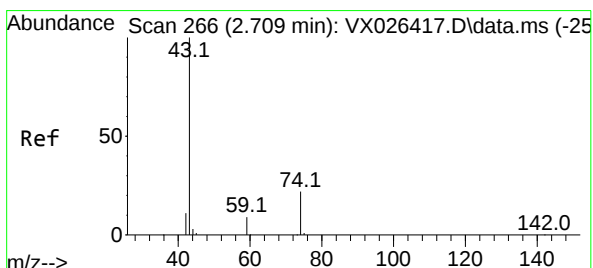
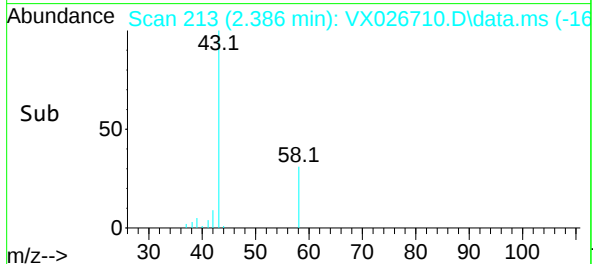
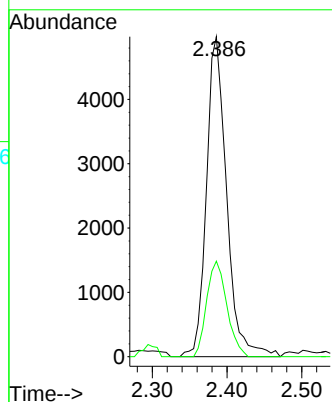
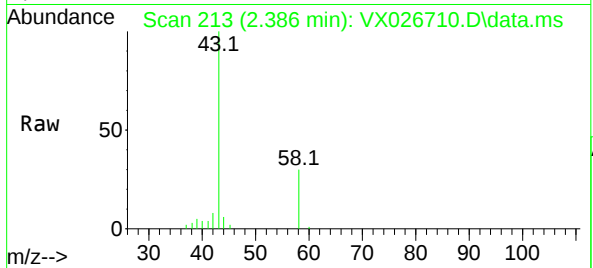




#16
Acetone
Concen: 10.057 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026710.D
Acq: 01 Feb 2022 16:30

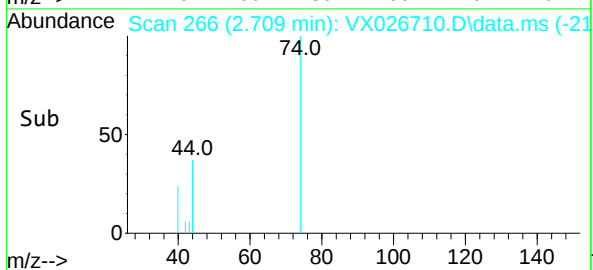
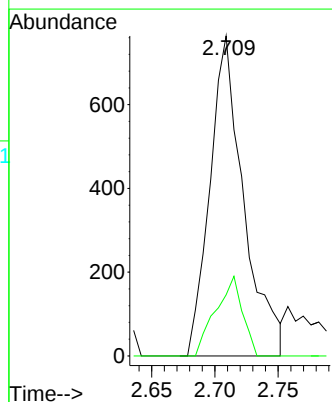
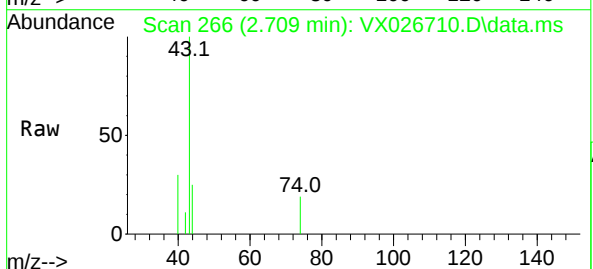
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#03

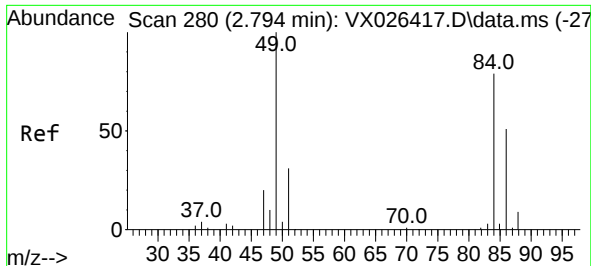
Tgt Ion: 43 Resp: 9319
Ion Ratio Lower Upper
43 100
58 29.9 23.0 34.6



#18
Methyl Acetate
Concen: 0.771 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX026710.D
Acq: 01 Feb 2022 16:30

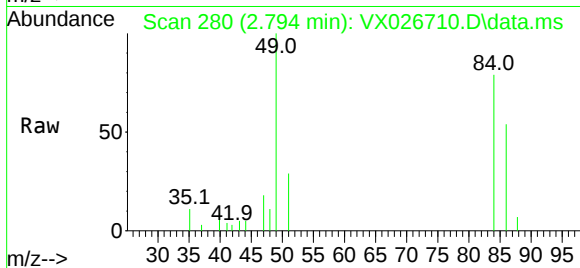
Tgt Ion: 43 Resp: 1421
Ion Ratio Lower Upper
43 100
74 19.6 18.3 27.5



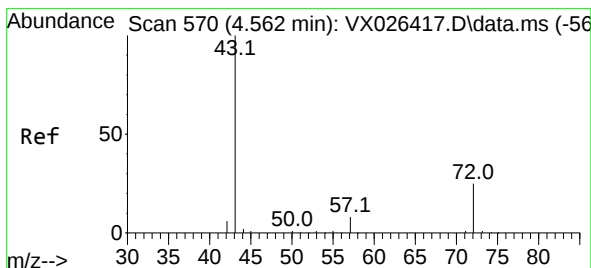
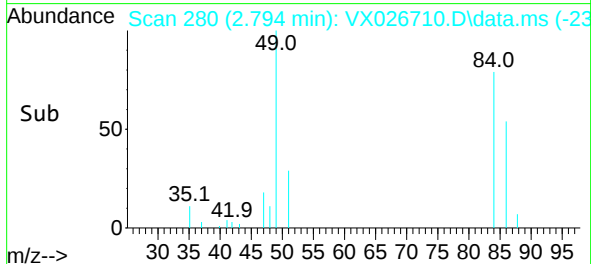
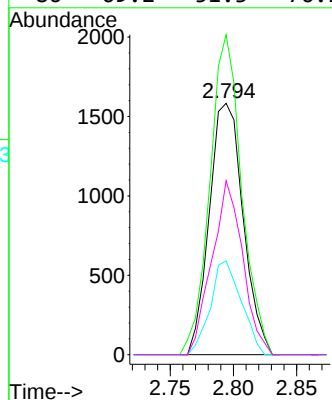


#20
Methylene Chloride
Concen: 1.924 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026710.D
Acq: 01 Feb 2022 16:30

Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#03

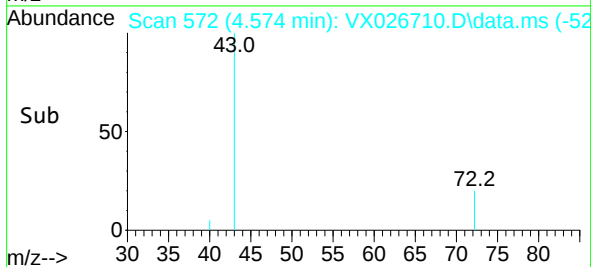
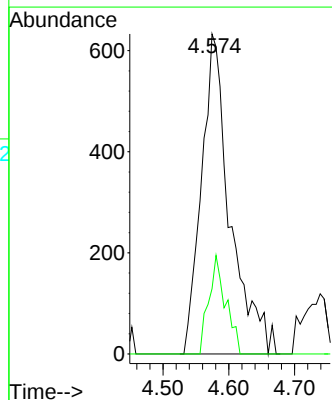
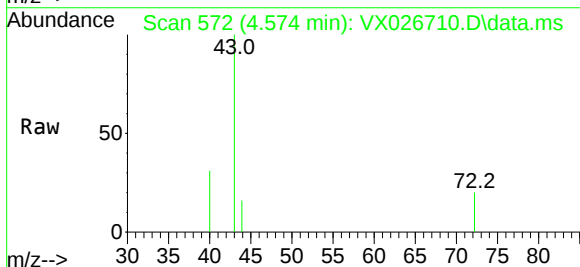


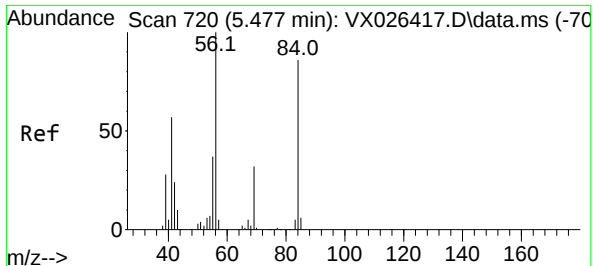
Tgt Ion: 84	Resp: 2946
Ion Ratio	Lower Upper
84 100	
49 127.3	101.5 152.3
51 37.3	31.2 46.8
86 69.2	51.3 76.9



#25
2-Butanone
Concen: 1.587 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX026710.D
Acq: 01 Feb 2022 16:30

Tgt Ion: 43	Resp: 1913
Ion Ratio	Lower Upper
43 100	
72 20.4	20.4 30.6#

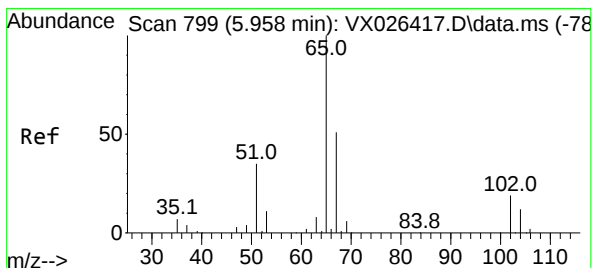
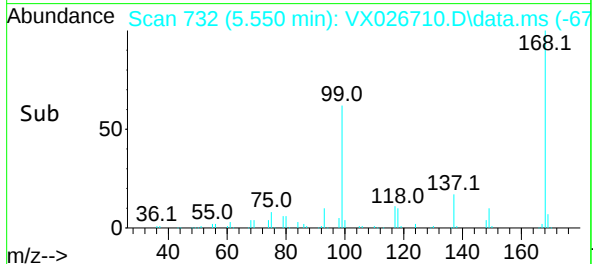
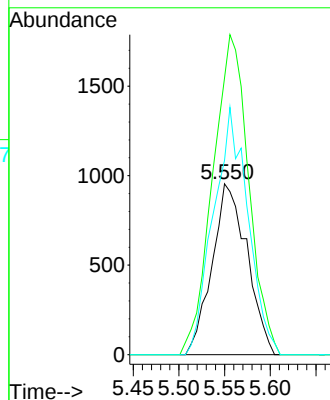
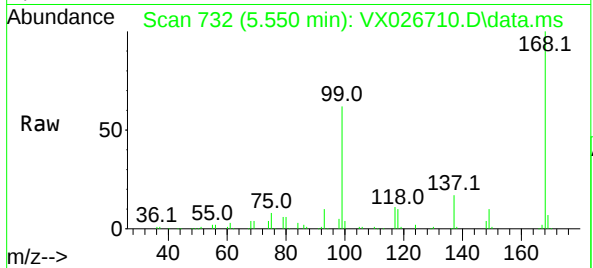




#31
Cyclohexane
Concen: 0.951 ug/l
RT: 5.550 min Scan# 710
Delta R.T. 0.073 min
Lab File: VX026710.D
Acq: 01 Feb 2022 16:30

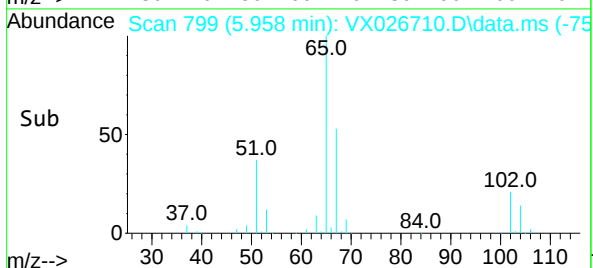
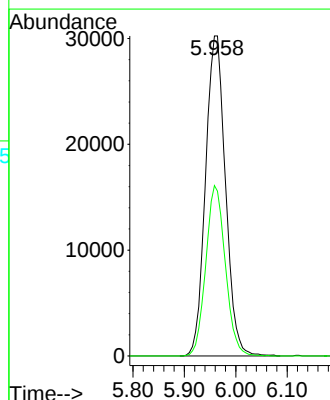
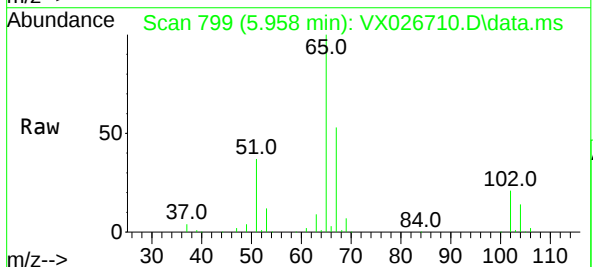
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#03

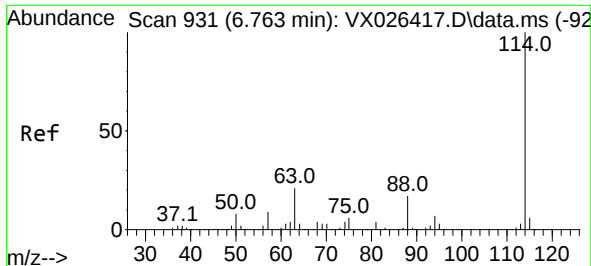
Tgt Ion: 56 Resp: 2548
Ion Ratio Lower Upper
56 100
69 161.9 25.8 38.6#
84 113.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 44.923 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026710.D
Acq: 01 Feb 2022 16:30

Tgt Ion: 65 Resp: 81630
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.8

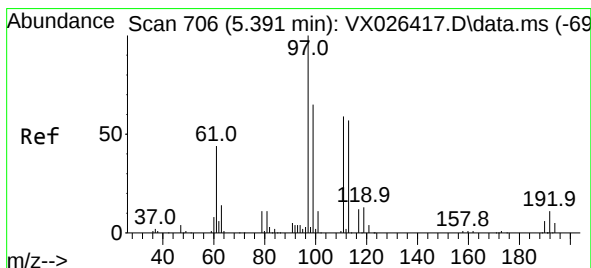
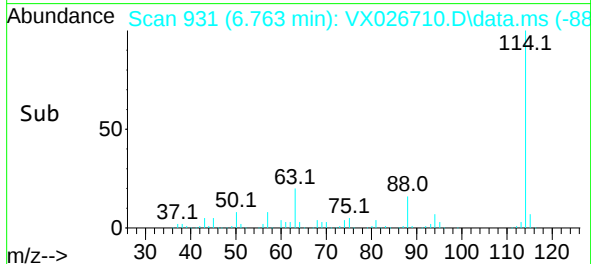
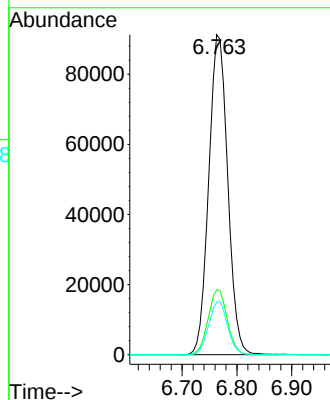
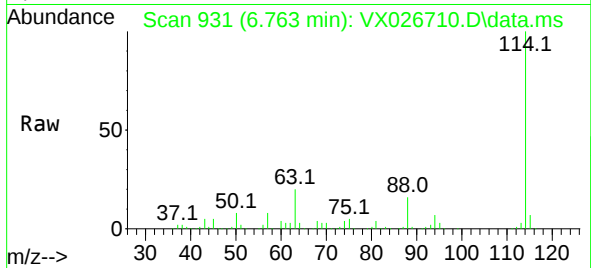




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026710.D
Acq: 01 Feb 2022 16:30

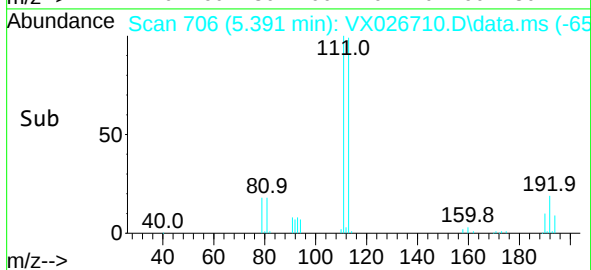
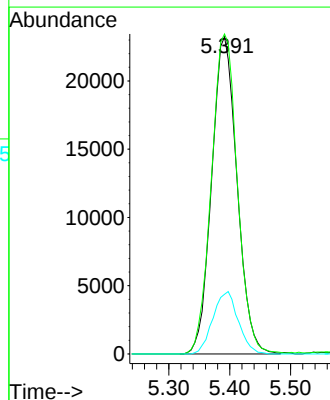
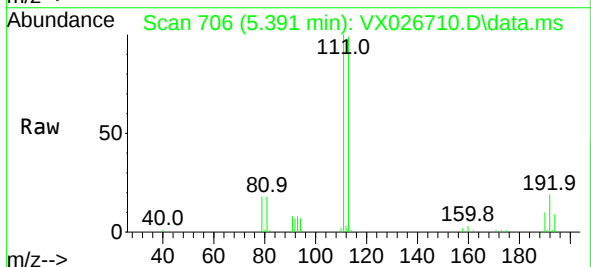
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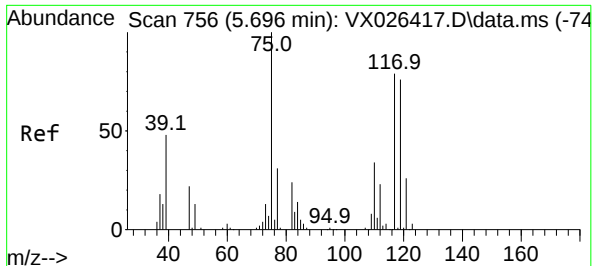
Tgt Ion:114 Resp: 218938
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.8
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.559 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026710.D
Acq: 01 Feb 2022 16:30

Tgt Ion:113 Resp: 67240
Ion Ratio Lower Upper
113 100
111 103.1 81.2 121.8
192 19.6 15.0 22.4

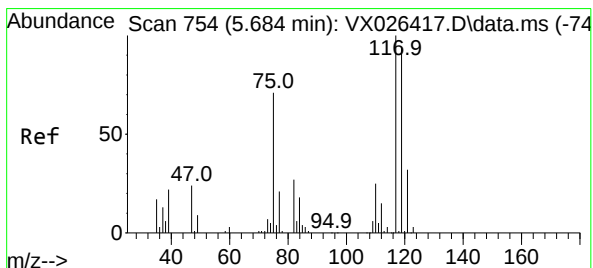
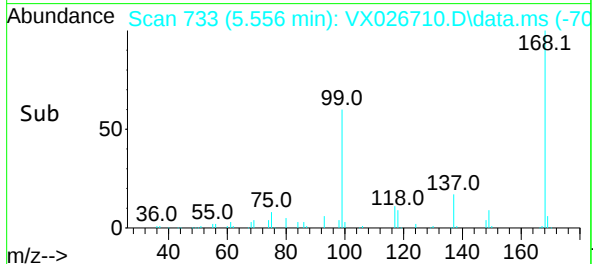
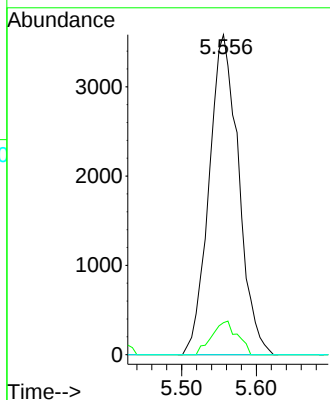
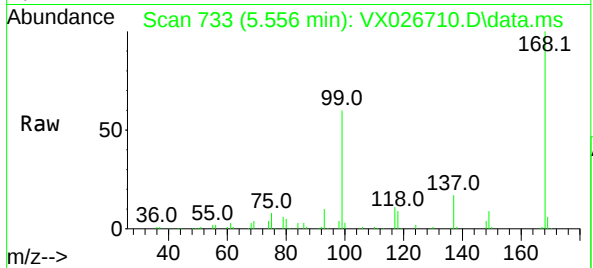




#36
1,1-Dichloropropene
Concen: 4.417 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026710.D
Acq: 01 Feb 2022 16:30

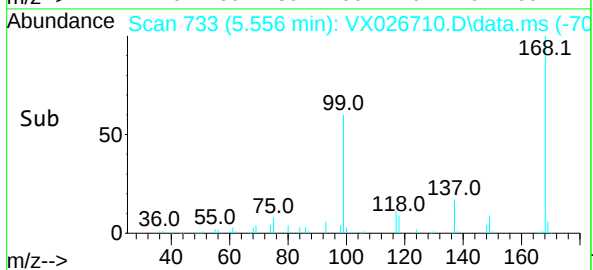
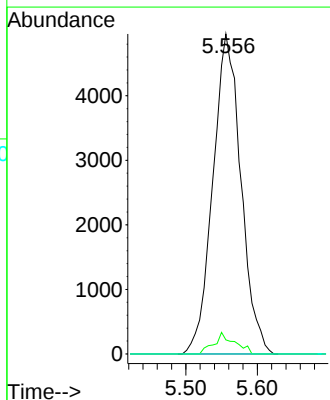
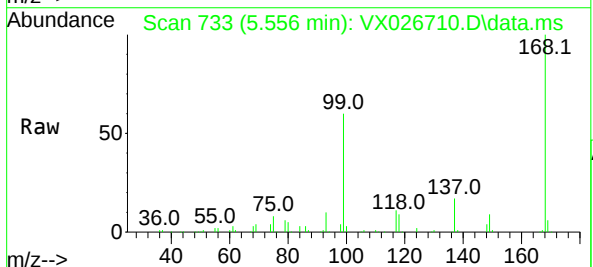
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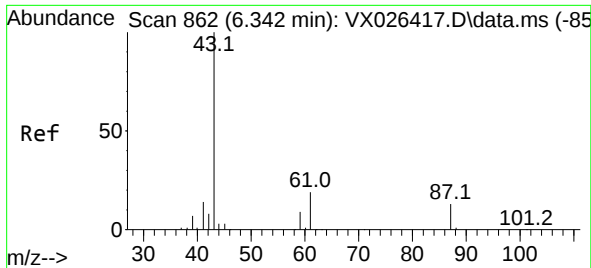
Tgt Ion: 75 Resp: 9859
Ion Ratio Lower Upper
75 100
110 9.0 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.883 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026710.D
Acq: 01 Feb 2022 16:30

Tgt Ion: 117 Resp: 13506
Ion Ratio Lower Upper
117 100
119 4.4 74.7 112.1#
121 0.0 25.4 38.0#

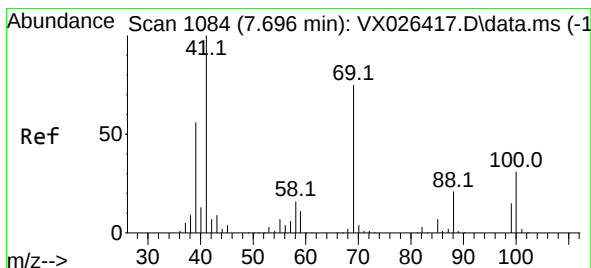
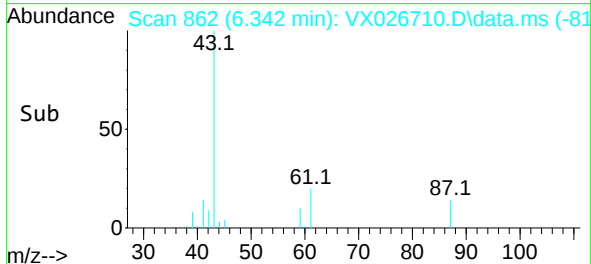
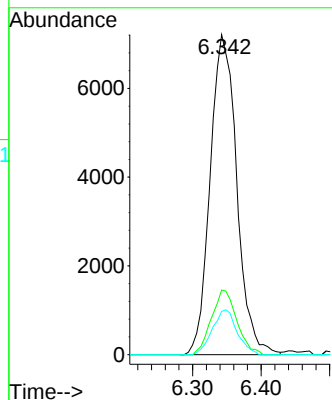
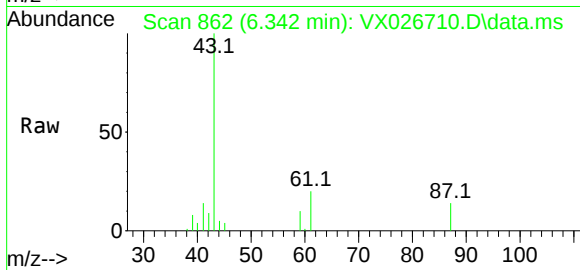




#43
Isopropyl Acetate
Concen: 5.330 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX026710.D
Acq: 01 Feb 2022 16:30

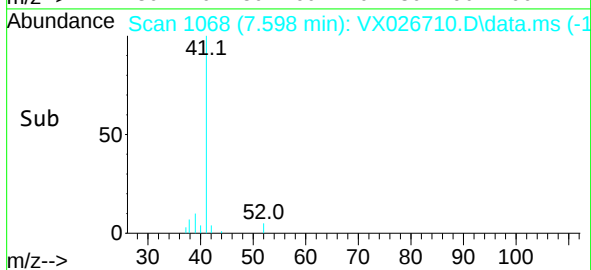
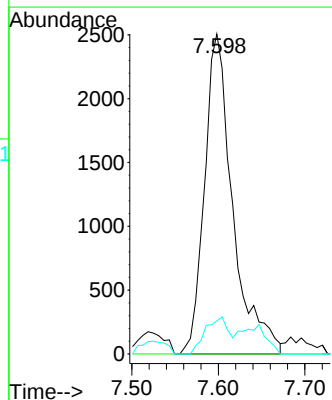
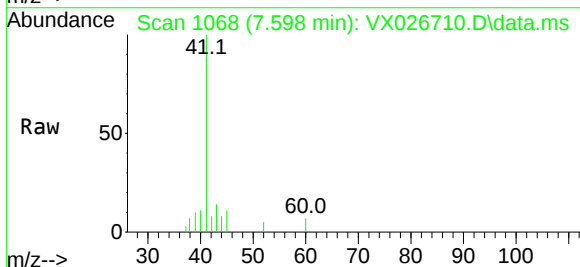
Instrument :
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ClientSampleId :
PB142403ZHE#03

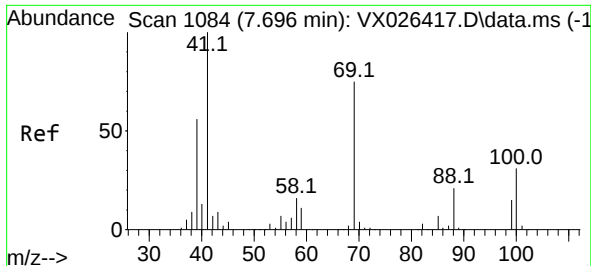
Tgt Ion: 43 Resp: 19438
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 13.1 10.2 15.2



#48
Methyl methacrylate
Concen: 3.139 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.097 min
Lab File: VX026710.D
Acq: 01 Feb 2022 16:30

Tgt Ion: 41 Resp: 5674
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: 6.574 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026710.D

Acq: 01 Feb 2022 16:30

Instrument :

MSVOA_X

ClientSampleId :

PB142403ZHE#03

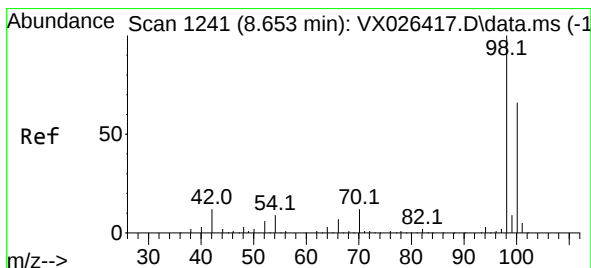
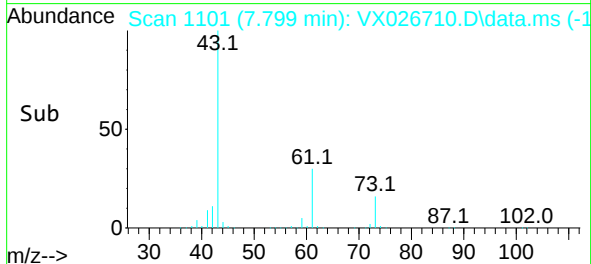
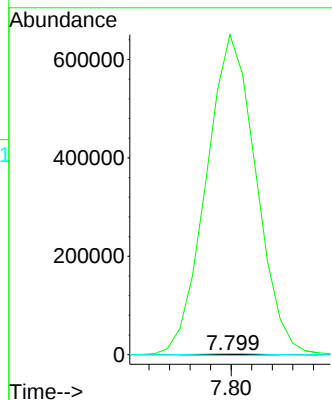
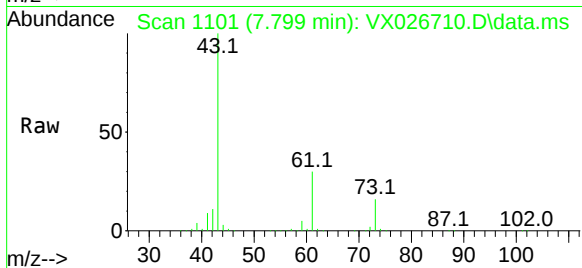
Tgt Ion: 88 Resp: 195

Ion Ratio Lower Upper

88 100

43 565250.3 29.9 44.9#

58 2142.1 57.8 86.6#



#50

Toluene-d8

Concen: 50.853 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026710.D

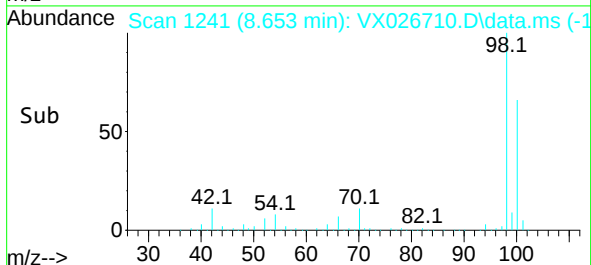
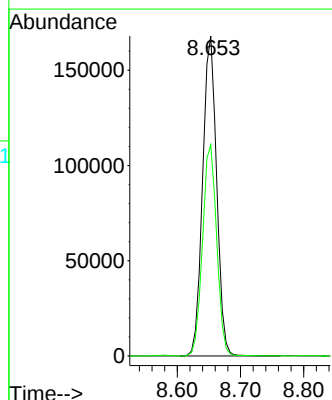
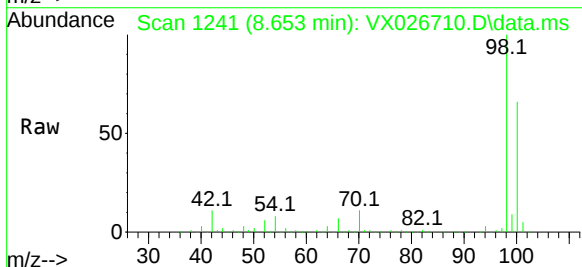
Acq: 01 Feb 2022 16:30

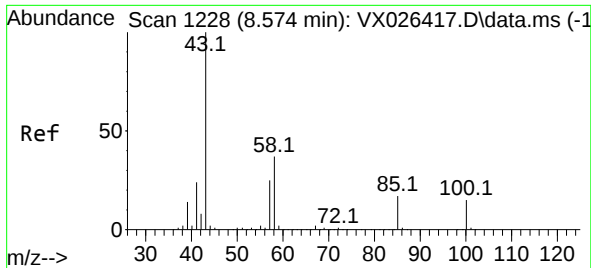
Tgt Ion: 98 Resp: 259087

Ion Ratio Lower Upper

98 100

100 66.7 53.2 79.8

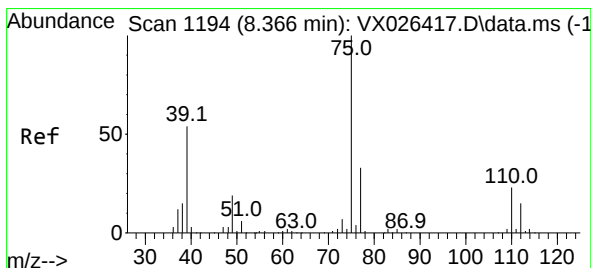
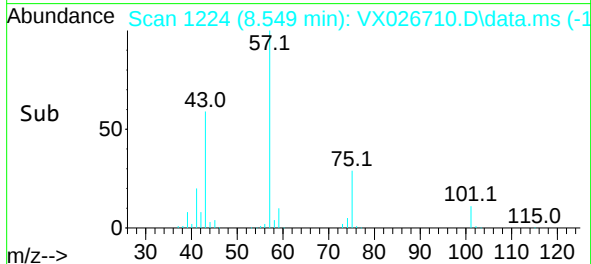
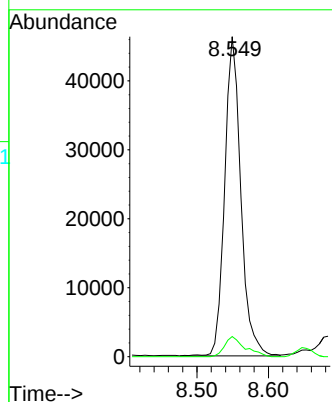
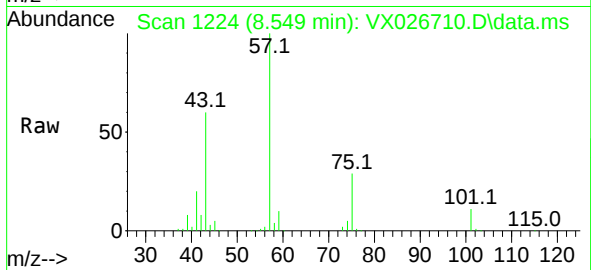




#51
4-Methyl-2-Pentanone
Concen: 33.566 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026710.D
Acq: 01 Feb 2022 16:30

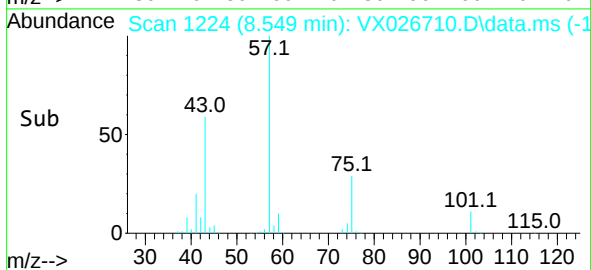
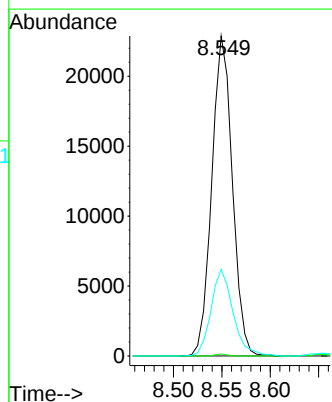
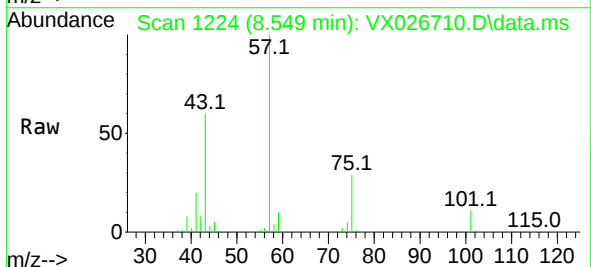
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#03

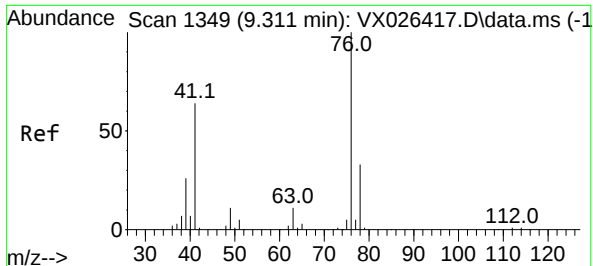
Tgt Ion: 43 Resp: 72611
Ion Ratio Lower Upper
43 100
58 7.9 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 14.364 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026710.D
Acq: 01 Feb 2022 16:30

Tgt Ion: 75 Resp: 33839
Ion Ratio Lower Upper
75 100
77 0.6 26.2 39.2#
39 27.0 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 7.542 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.171 min

Lab File: VX026710.D

Acq: 01 Feb 2022 16:30

Instrument :

MSVOA_X

ClientSampleId :

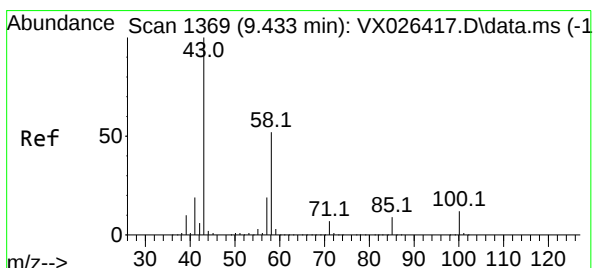
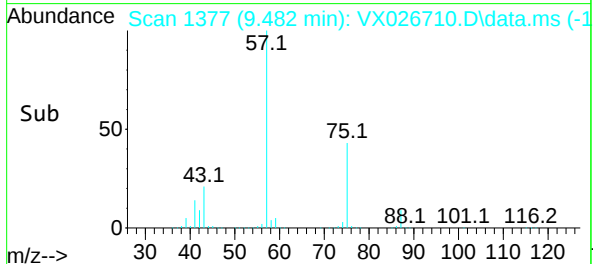
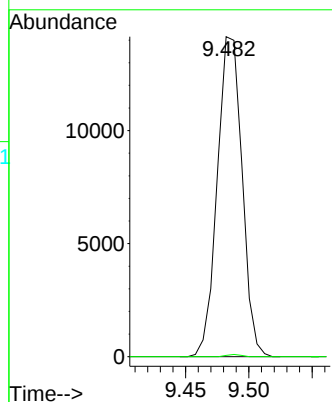
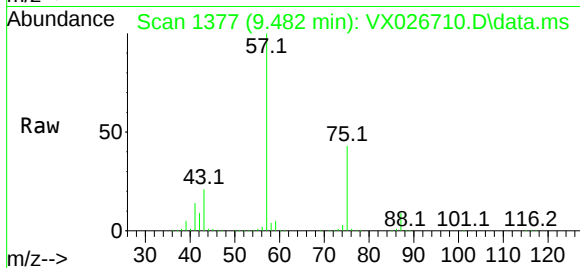
PB142403ZHE#03

Tgt Ion: 76 Resp: 19303

Ion Ratio Lower Upper

76 100

78 0.4 25.7 38.5#



#59

2-Hexanone

Concen: 163.663 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX026710.D

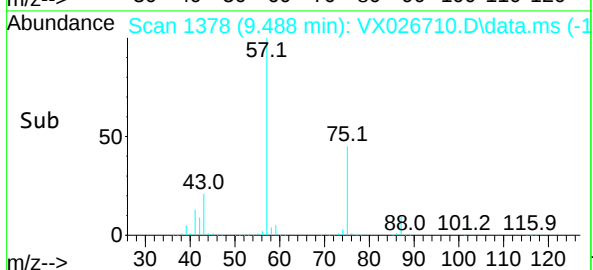
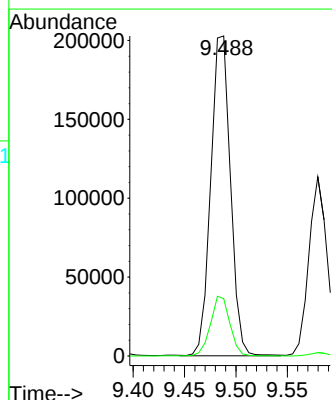
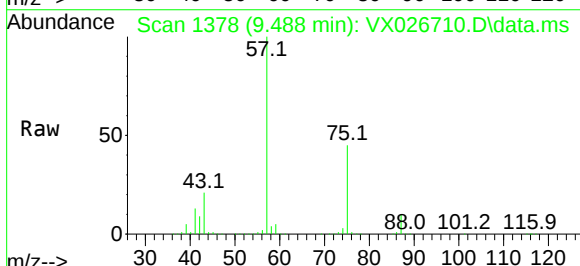
Acq: 01 Feb 2022 16:30

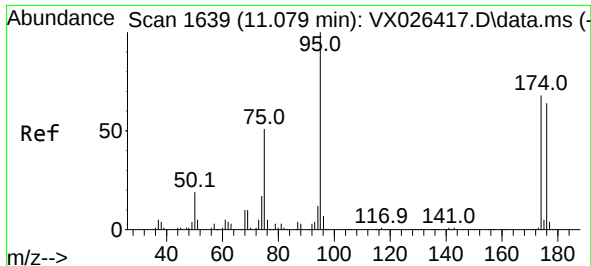
Tgt Ion: 43 Resp: 270972

Ion Ratio Lower Upper

43 100

58 18.3 26.4 79.2#

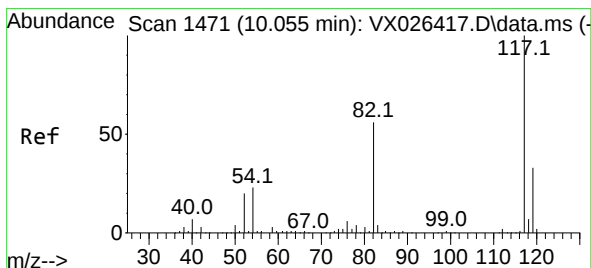
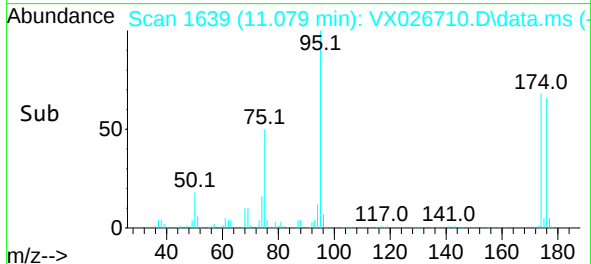
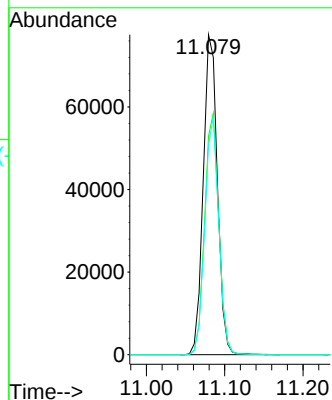
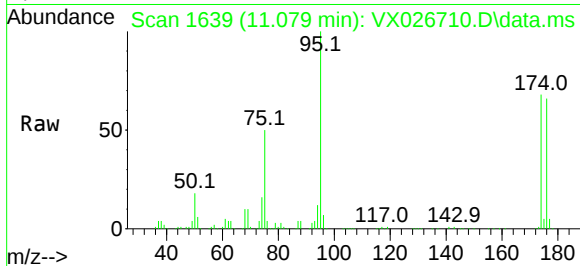




#62
4-Bromofluorobenzene
Concen: 53.522 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026710.D
Acq: 01 Feb 2022 16:30

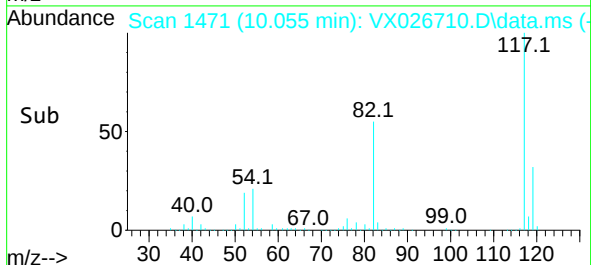
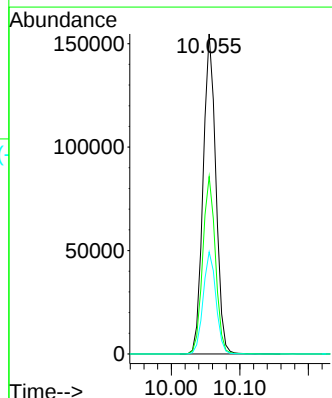
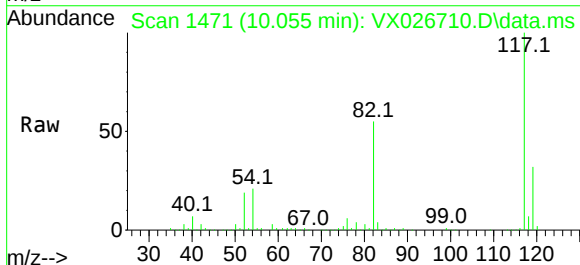
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#03

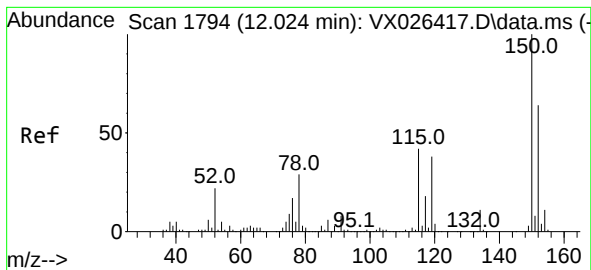
Tgt Ion: 95 Resp: 96868
Ion Ratio Lower Upper
95 100
174 75.8 0.0 148.6
176 73.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026710.D
Acq: 01 Feb 2022 16:30

Tgt Ion: 117 Resp: 200082
Ion Ratio Lower Upper
117 100
82 55.4 45.2 67.8
119 31.9 26.2 39.2

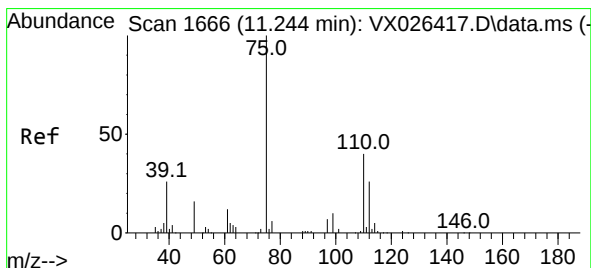
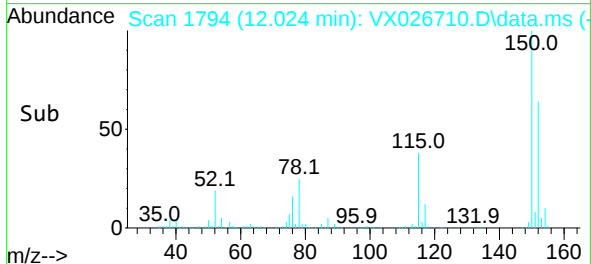
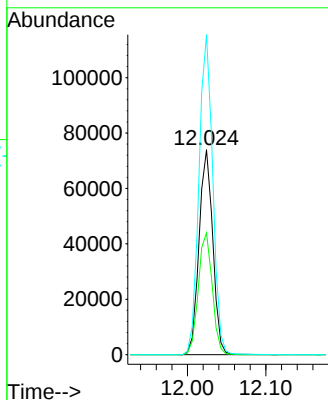
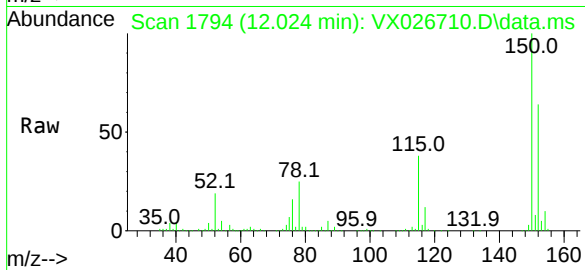




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026710.D
 Acq: 01 Feb 2022 16:30

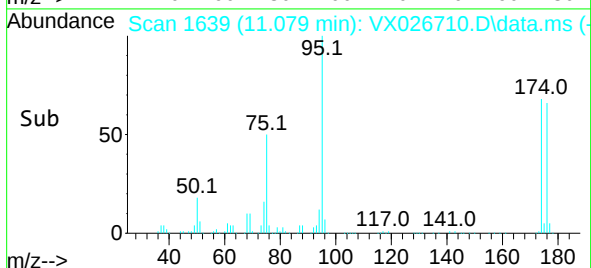
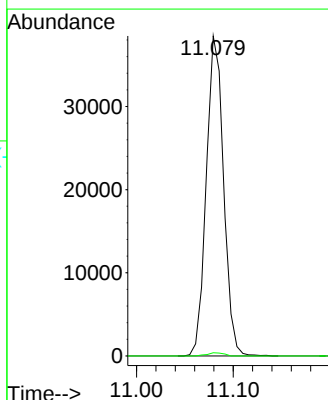
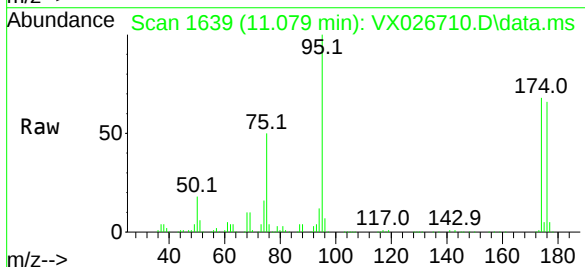
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#03

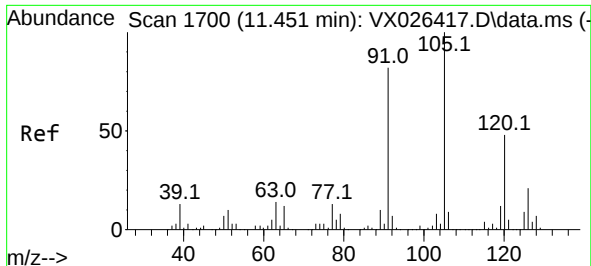
Tgt Ion:152 Resp: 90075
 Ion Ratio Lower Upper
 152 100
 115 60.1 44.2 132.6
 150 156.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 24.085 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026710.D
 Acq: 01 Feb 2022 16:30

Tgt Ion: 75 Resp: 47766
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.3 54.8#

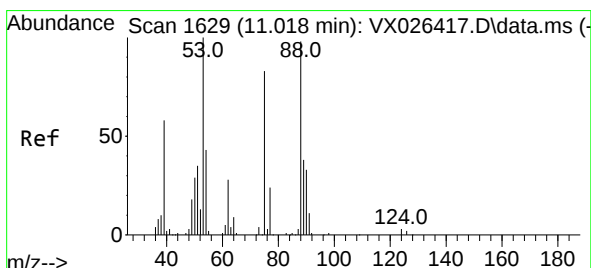
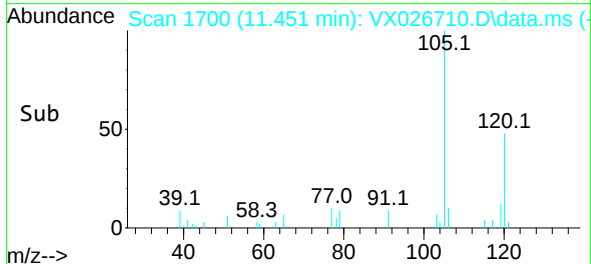
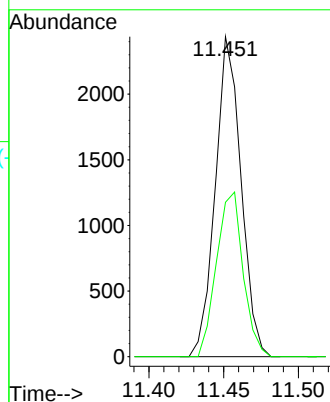
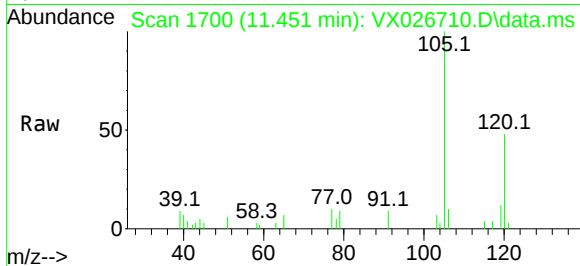




#80
1,3,5-Trimethylbenzene
Concen: 0.479 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026710.D
Acq: 01 Feb 2022 16:30

Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#03

Tgt Ion:105 Resp: 2917
Ion Ratio Lower Upper
105 100
120 53.2 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 73.390 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026710.D
Acq: 01 Feb 2022 16:30

Tgt Ion: 75 Resp: 47766
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

