

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020122\
 Data File : VX026709.D
 Acq On : 01 Feb 2022 16:07
 Operator : JC/MD
 Sample : PB142403ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#02

Quant Time: Feb 02 04:36:23 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)

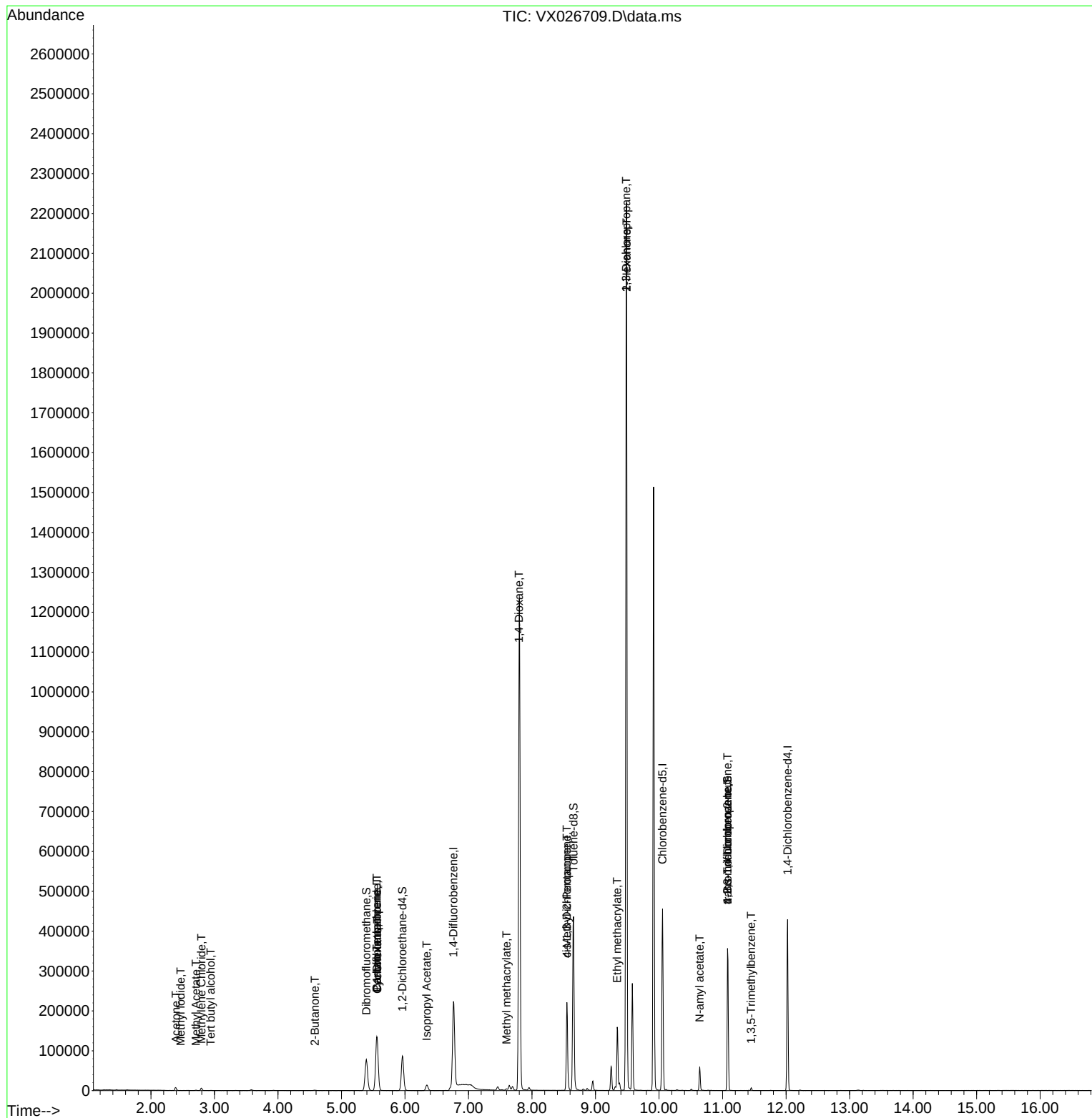
Internal Standards						
1) Pentafluorobenzene	5.556	168	129286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219696	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82467	45.662	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.320%		
35) Dibromofluoromethane	5.391	113	67697	47.717	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.440%		
50) Toluene-d8	8.653	98	259715	50.800	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.600%		
62) 4-Bromofluorobenzene	11.079	95	96442	53.103	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.200%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	73	4.489	ug/l #	37
11) Tert butyl alcohol	2.940	59	212	0.844	ug/l #	75
16) Acetone	2.392	43	9156	9.941	ug/l	94
18) Methyl Acetate	2.709	43	1488	0.813	ug/l #	84
20) Methylene Chloride	2.794	84	2892	1.901	ug/l #	81
25) 2-Butanone	4.580	43	1924	1.606	ug/l	94
31) Cyclohexane	5.562	56	2465	0.925	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10153	4.533	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12839	5.573	ug/l #	17
43) Isopropyl Acetate	6.342	43	20435	5.584	ug/l	99
48) Methyl methacrylate	7.598	41	5451	3.005	ug/l #	16
49) 1,4-Dioxane	7.793	88	177	5.947	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	72558	33.426	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	34597	14.636	ug/l #	55
56) Ethyl methacrylate	9.342	69	677	0.298	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	20212	7.870	ug/l #	43
59) 2-Hexanone	9.488	43	277826	167.224	ug/l #	51
74) N-amyl acetate	10.640	43	14154	4.984	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	47298	23.936	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	3069	0.506	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	47298	72.966	ug/l #	3

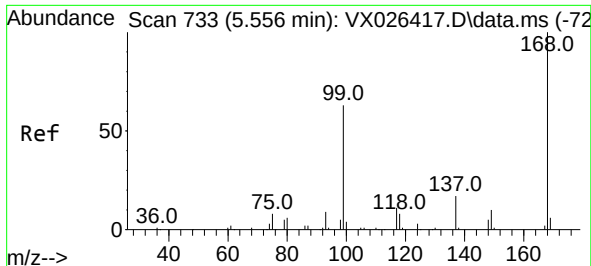
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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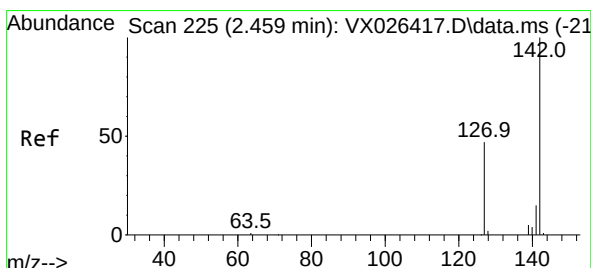
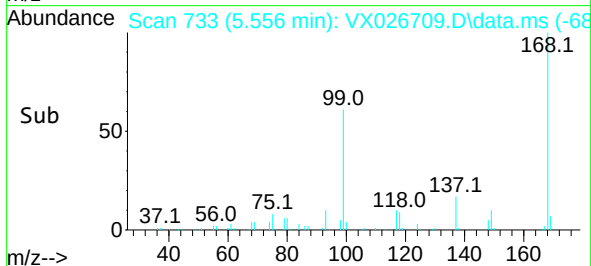
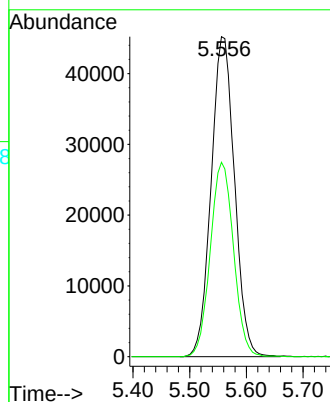
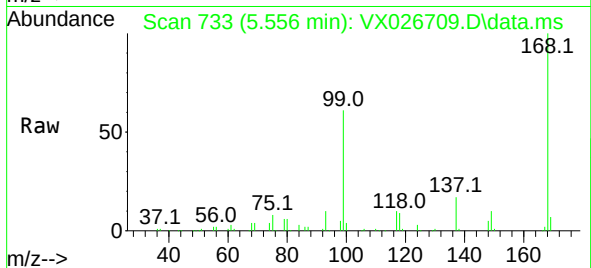




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026709.D
Acq: 01 Feb 2022 16:07

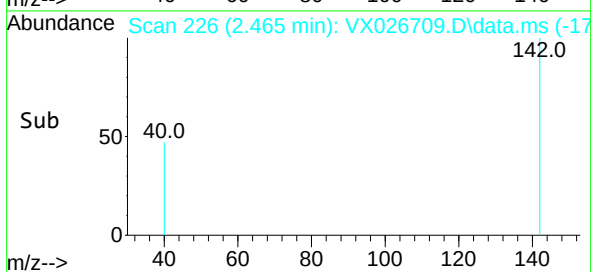
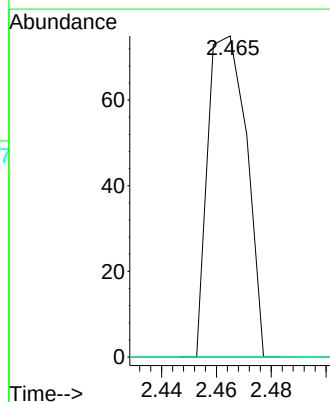
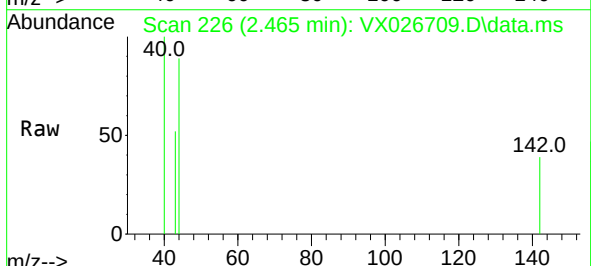
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#02

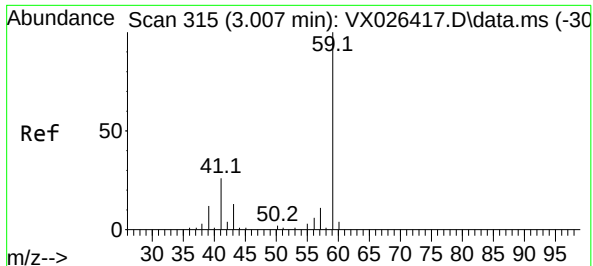
Tgt Ion:168 Resp: 129286
Ion Ratio Lower Upper
168 100
99 60.7 50.3 75.5



#10
Methyl Iodide
Concen: 4.489 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026709.D
Acq: 01 Feb 2022 16:07

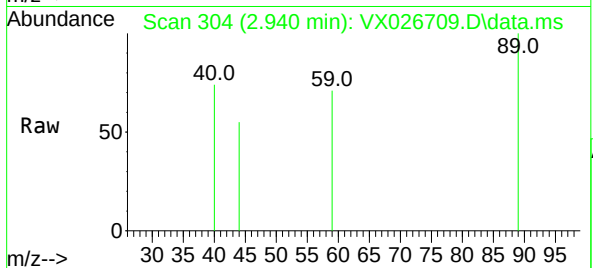
Tgt Ion:142 Resp: 73
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



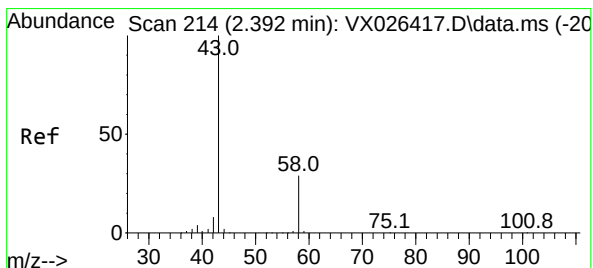
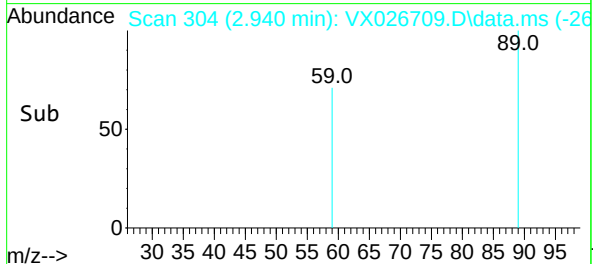
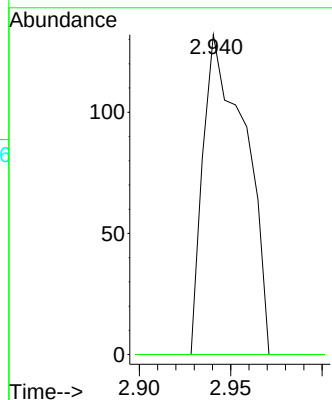


#11
Tert butyl alcohol
Concen: 0.844 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX026709.D
Acq: 01 Feb 2022 16:07

Instrument :
MSVOA_X
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PB142403ZHE#02

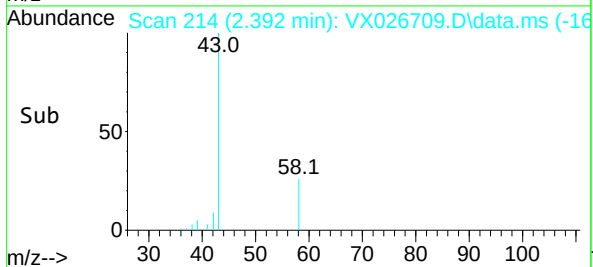
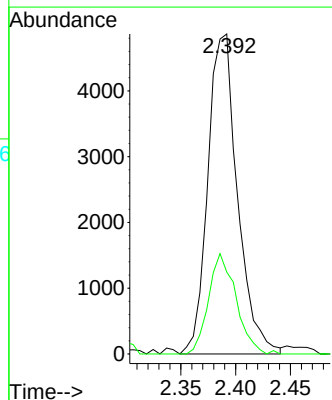
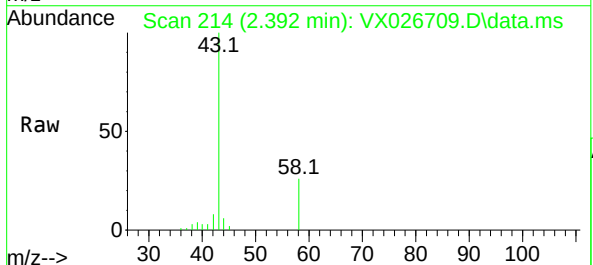


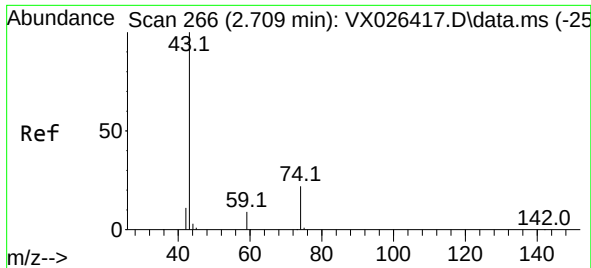
Tgt Ion: 59 Resp: 212
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 9.941 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026709.D
Acq: 01 Feb 2022 16:07

Tgt Ion: 43 Resp: 9156
Ion Ratio Lower Upper
43 100
58 25.6 23.0 34.6

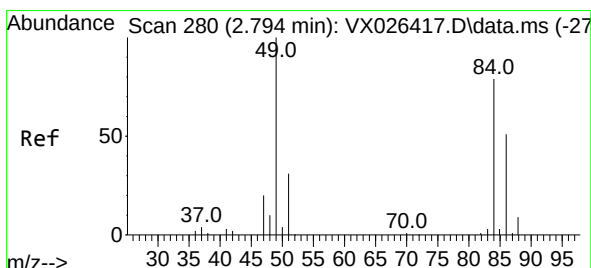
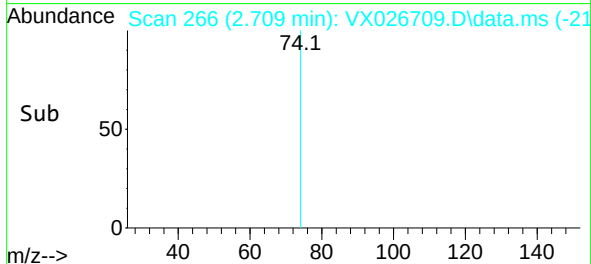
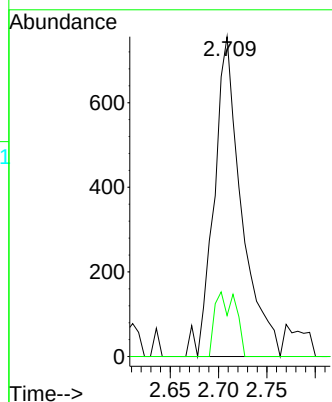
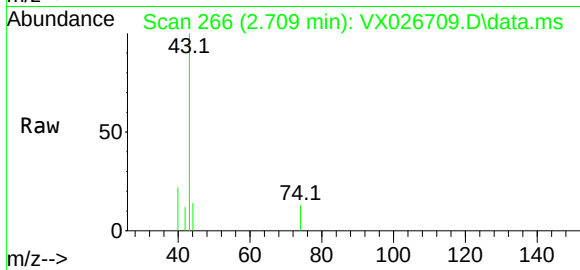




#18
Methyl Acetate
Concen: 0.813 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX026709.D
Acq: 01 Feb 2022 16:07

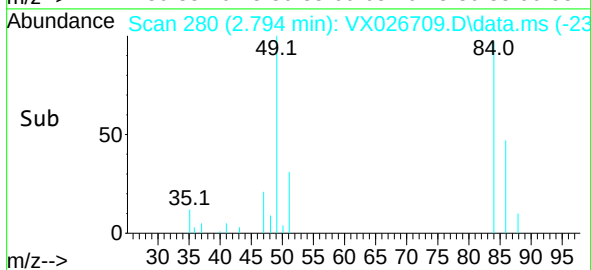
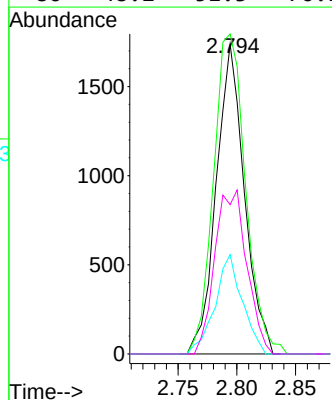
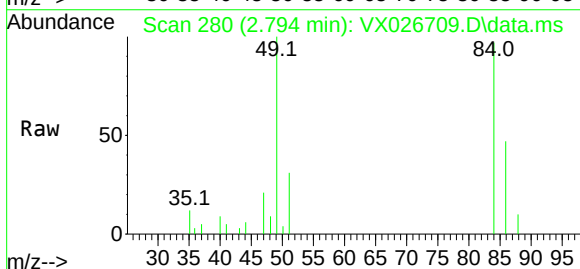
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#02

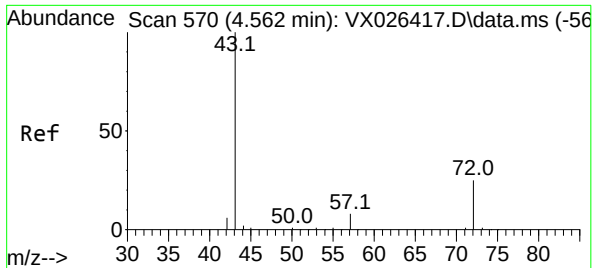
Tgt Ion: 43 Resp: 1488
Ion Ratio Lower Upper
43 100
74 15.1 18.3 27.5#



#20
Methylene Chloride
Concen: 1.901 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026709.D
Acq: 01 Feb 2022 16:07

Tgt Ion: 84 Resp: 2892
Ion Ratio Lower Upper
84 100
49 103.3 101.5 152.3
51 32.0 31.2 46.8
86 48.2 51.3 76.9#

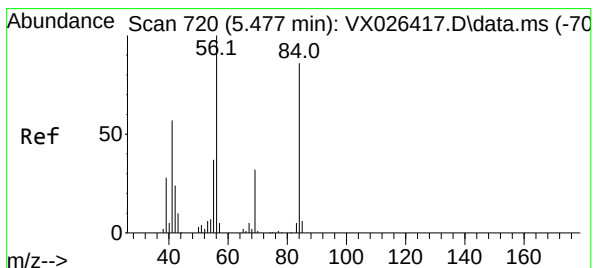
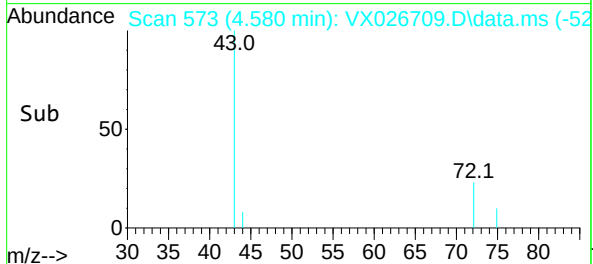
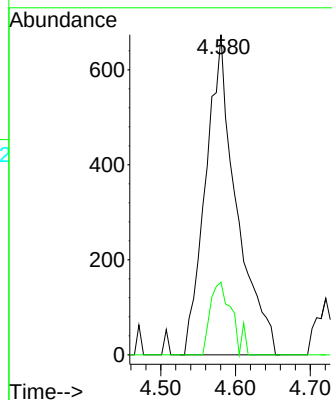
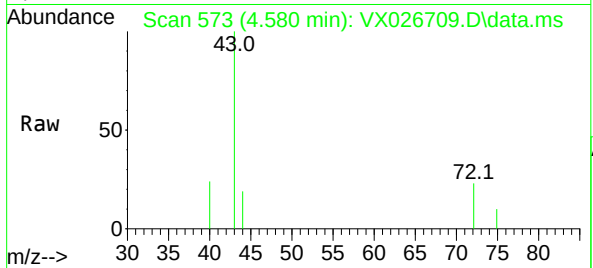




#25
2-Butanone
Concen: 1.606 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX026709.D
Acq: 01 Feb 2022 16:07

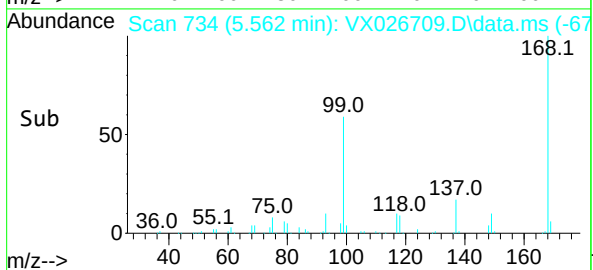
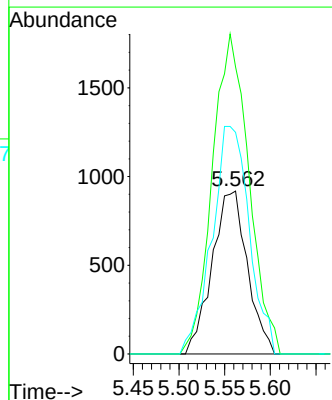
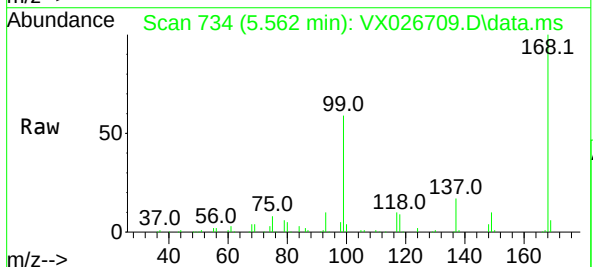
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#02

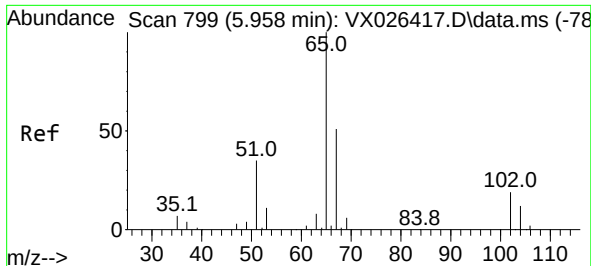
Tgt Ion: 43 Resp: 1924
Ion Ratio Lower Upper
43 100
72 22.7 20.4 30.6



#31
Cyclohexane
Concen: 0.925 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX026709.D
Acq: 01 Feb 2022 16:07

Tgt Ion: 56 Resp: 2465
Ion Ratio Lower Upper
56 100
69 176.3 25.8 38.6#
84 136.1 68.9 103.3#

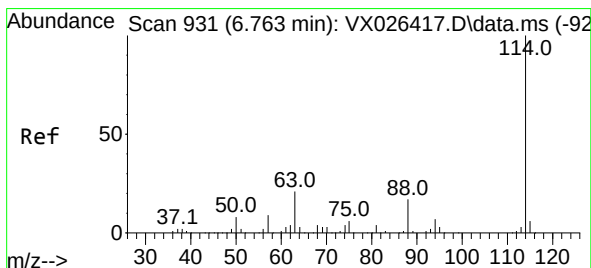
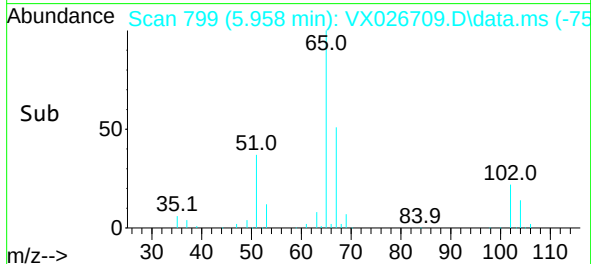
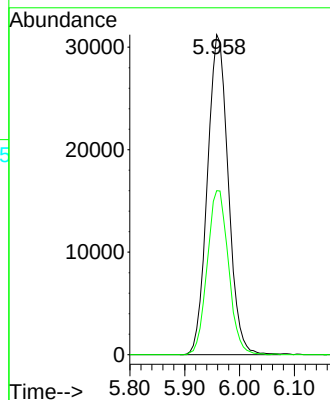
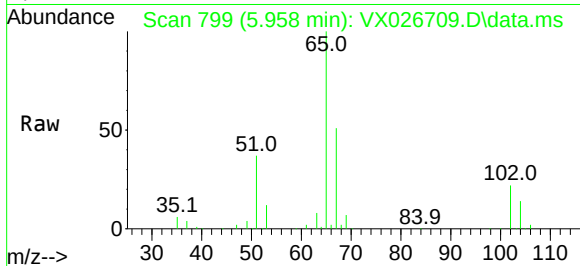




#33
 1,2-Dichloroethane-d4
 Concen: 45.662 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX026709.D
 Acq: 01 Feb 2022 16:07

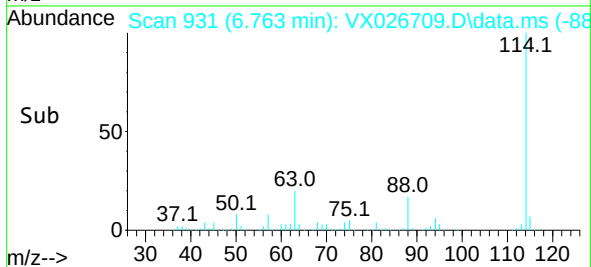
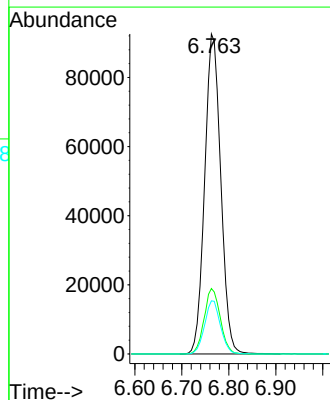
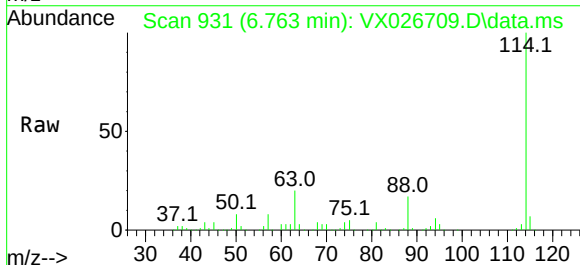
Instrument :
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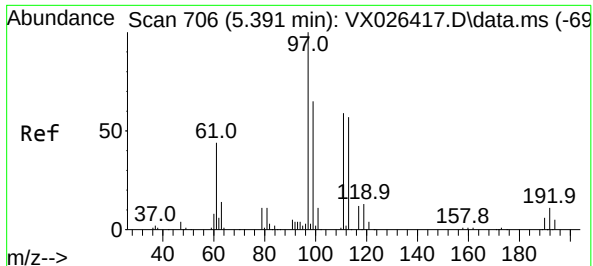
Tgt Ion: 65 Resp: 82467
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX026709.D
 Acq: 01 Feb 2022 16:07

Tgt Ion: 114 Resp: 219696
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.8
 88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.717 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026709.D

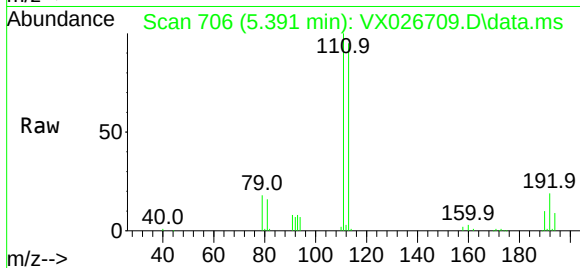
Acq: 01 Feb 2022 16:07

Instrument :

MSVOA_X

ClientSampleId :

PB142403ZHE#02



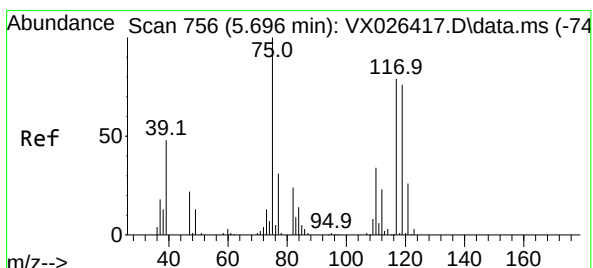
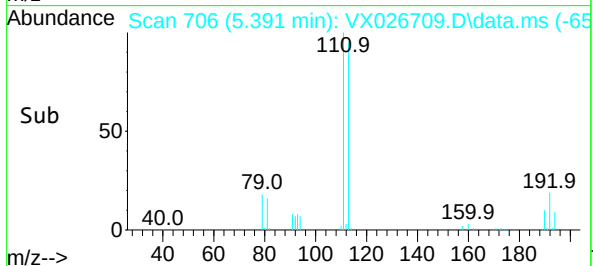
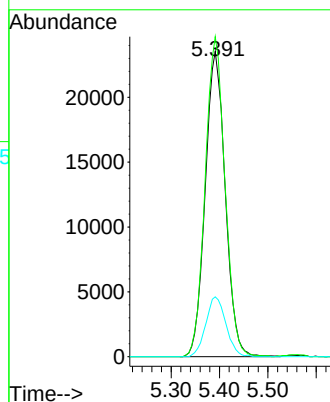
Tgt Ion:113 Resp: 67697

Ion Ratio Lower Upper

113 100

111 103.9 81.2 121.8

192 19.7 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.533 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026709.D

Acq: 01 Feb 2022 16:07

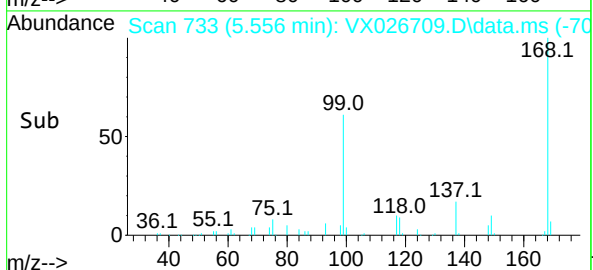
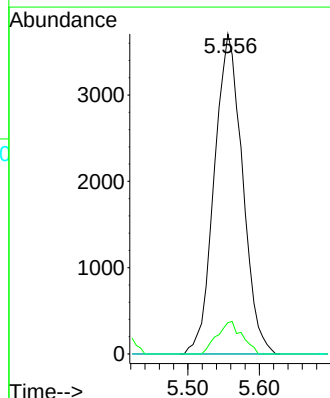
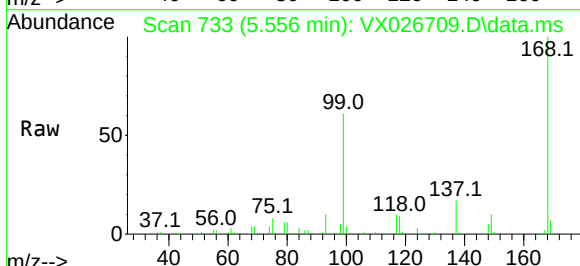
Tgt Ion: 75 Resp: 10153

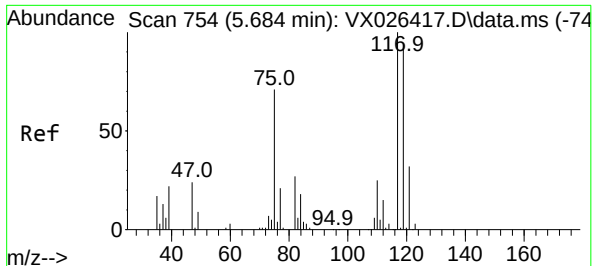
Ion Ratio Lower Upper

75 100

110 9.0 17.2 51.6#

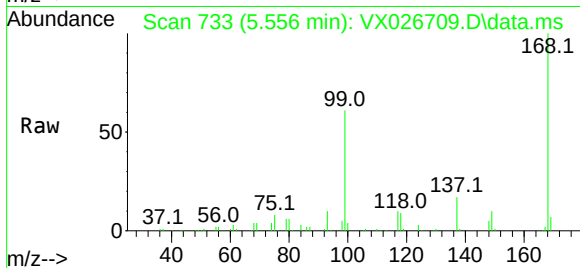
77 0.0 24.6 36.8#



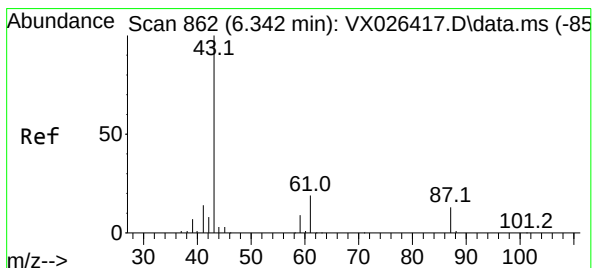
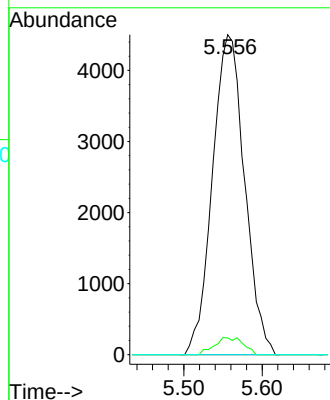
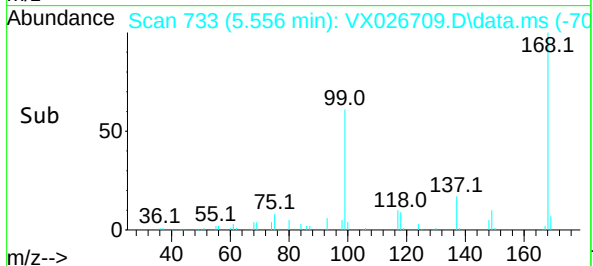


#38
Carbon Tetrachloride
Concen: 5.573 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026709.D
Acq: 01 Feb 2022 16:07

Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#02

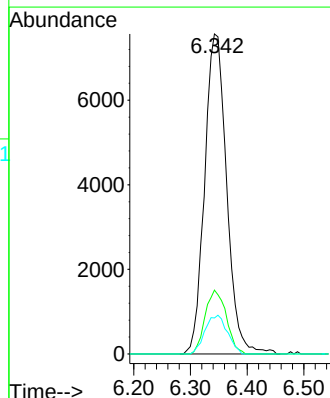
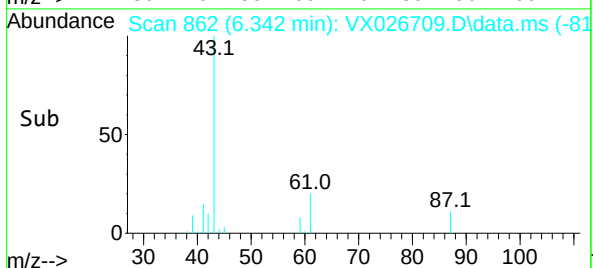
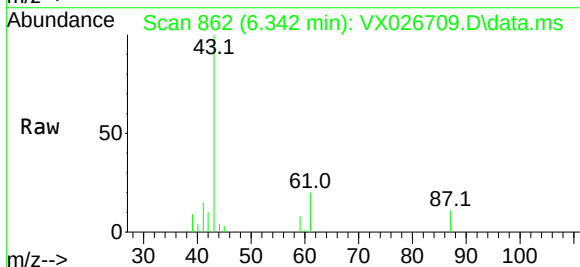


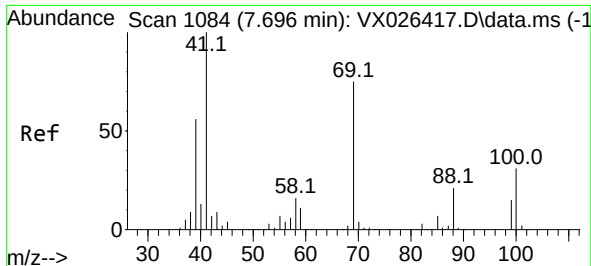
Tgt Ion:117 Resp: 12839
Ion Ratio Lower Upper
117 100
119 5.2 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 5.584 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX026709.D
Acq: 01 Feb 2022 16:07

Tgt Ion: 43 Resp: 20435
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 12.3 10.2 15.2





#48

Methyl methacrylate

Concen: 3.005 ug/l

RT: 7.598 min Scan# 1100

Delta R.T. -0.098 min

Lab File: VX026709.D

Acq: 01 Feb 2022 16:07

Instrument :

MSVOA_X

ClientSampleId :

PB142403ZHE#02

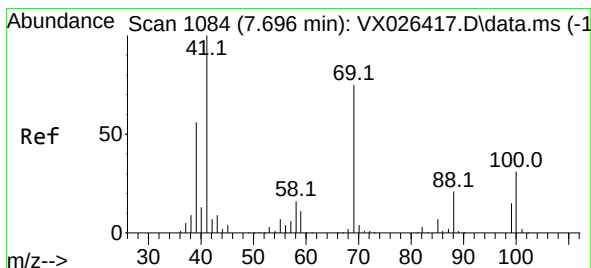
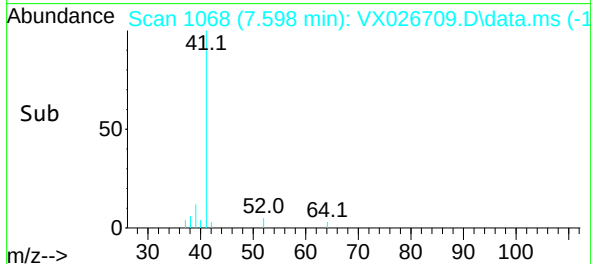
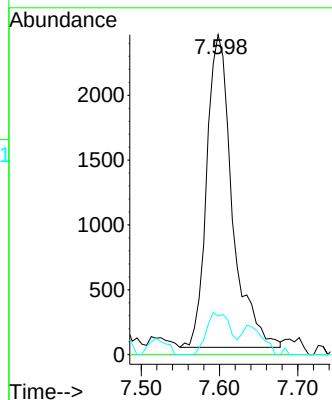
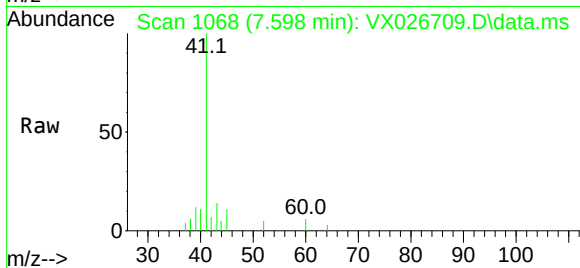
Tgt Ion: 41 Resp: 5451

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: 5.947 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.098 min

Lab File: VX026709.D

Acq: 01 Feb 2022 16:07

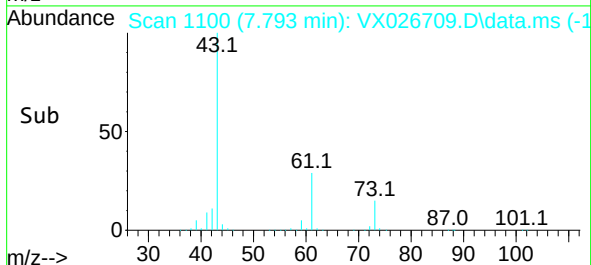
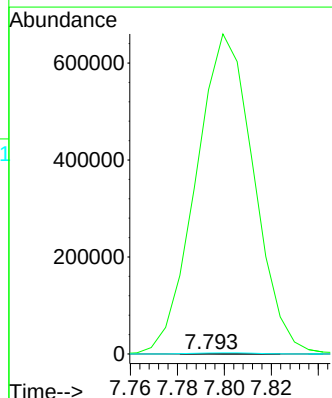
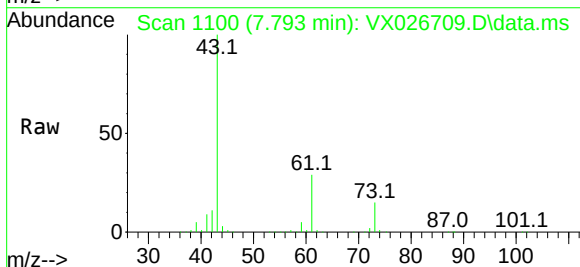
Tgt Ion: 88 Resp: 177

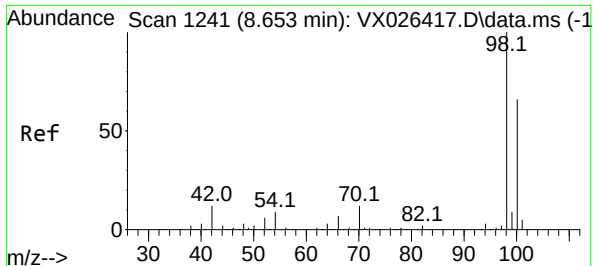
Ion Ratio Lower Upper

88 100

43 642917.5 29.9 44.9#

58 2439.0 57.8 86.6#

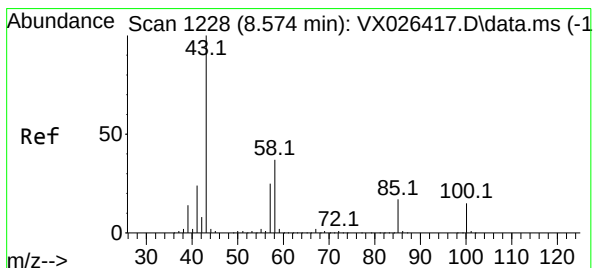
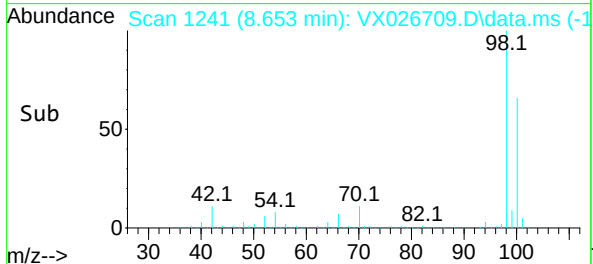
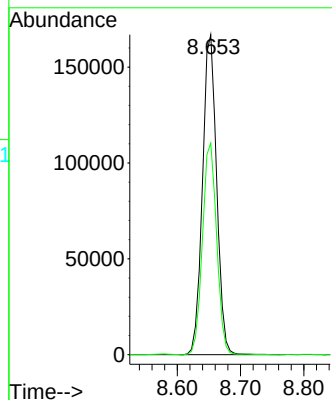
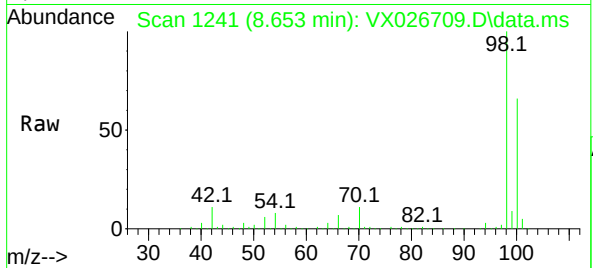




#50
Toluene-d8
Concen: 50.800 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026709.D
Acq: 01 Feb 2022 16:07

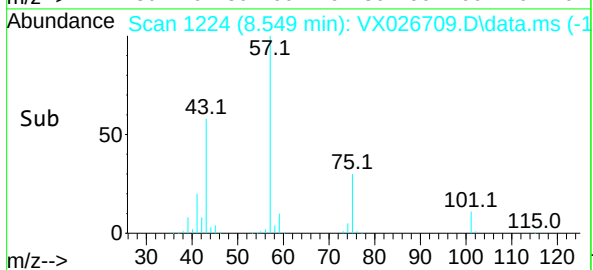
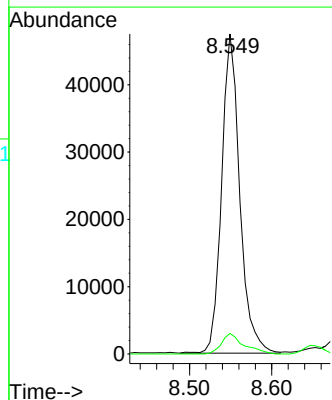
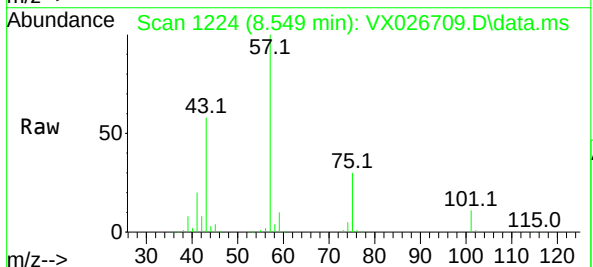
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#02

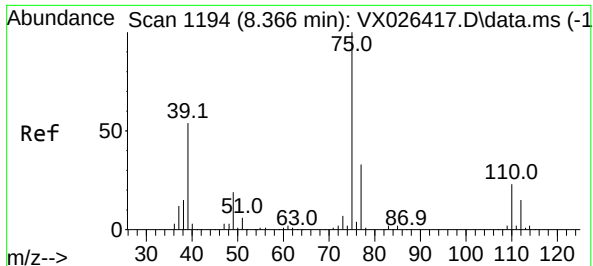
Tgt Ion: 98 Resp: 259715
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 33.426 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026709.D
Acq: 01 Feb 2022 16:07

Tgt Ion: 43 Resp: 72558
Ion Ratio Lower Upper
43 100
58 7.9 30.5 45.7#

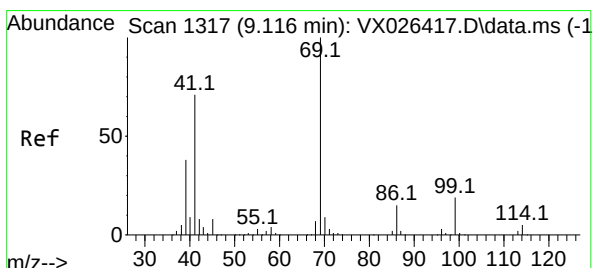
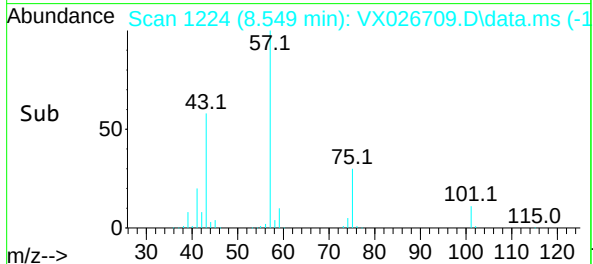
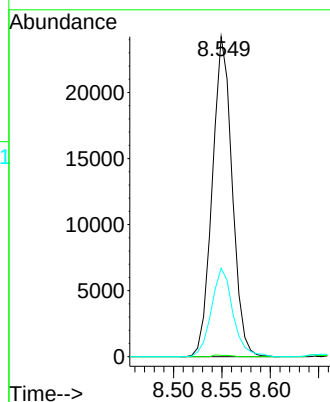
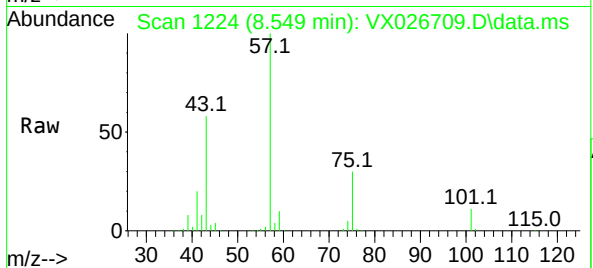




#54
 cis-1,3-Dichloropropene
 Concen: 14.636 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026709.D
 Acq: 01 Feb 2022 16:07

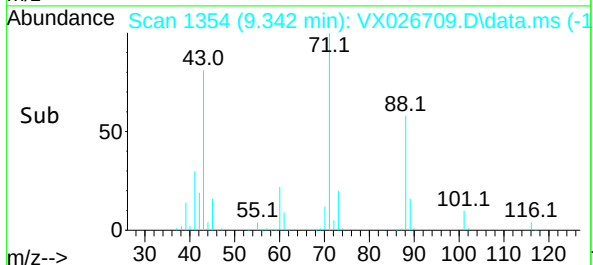
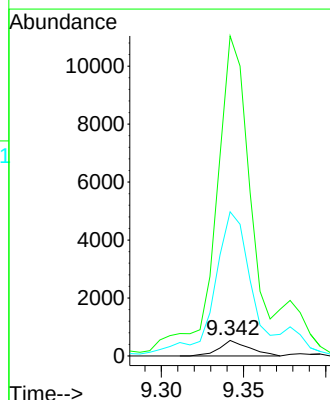
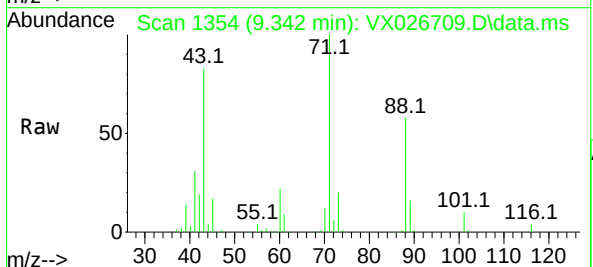
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#02

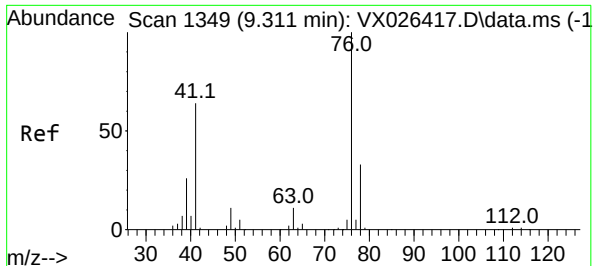
Tgt Ion: 75 Resp: 34597
 Ion Ratio Lower Upper
 75 100
 77 0.4 26.2 39.2#
 39 27.6 43.5 65.3#



#56
 Ethyl methacrylate
 Concen: 0.298 ug/l
 RT: 9.342 min Scan# 1354
 Delta R.T. 0.226 min
 Lab File: VX026709.D
 Acq: 01 Feb 2022 16:07

Tgt Ion: 69 Resp: 677
 Ion Ratio Lower Upper
 69 100
 41 2271.9 57.2 85.8#
 39 1217.6 30.9 46.3#





#57

1,3-Dichloropropane

Concen: 7.870 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.171 min

Lab File: VX026709.D

Acq: 01 Feb 2022 16:07

Instrument :

MSVOA_X

ClientSampleId :

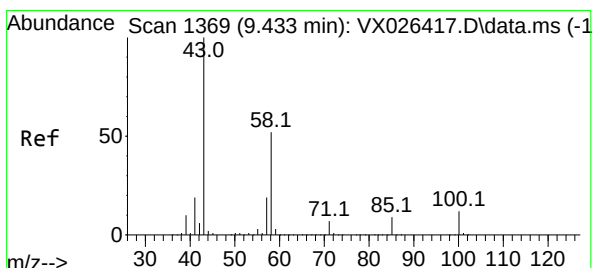
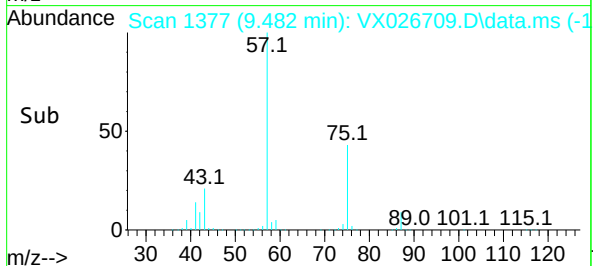
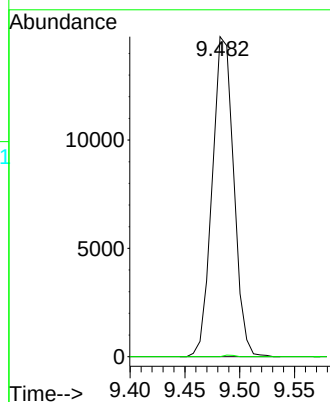
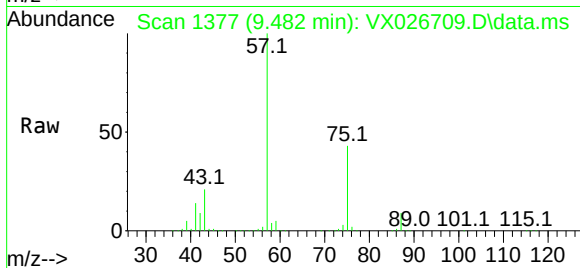
PB142403ZHE#02

Tgt Ion: 76 Resp: 20212

Ion Ratio Lower Upper

76 100

78 0.2 25.7 38.5#



#59

2-Hexanone

Concen: 167.224 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX026709.D

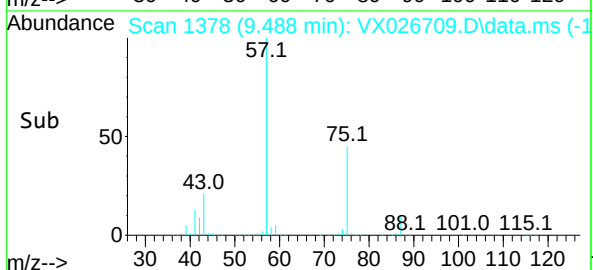
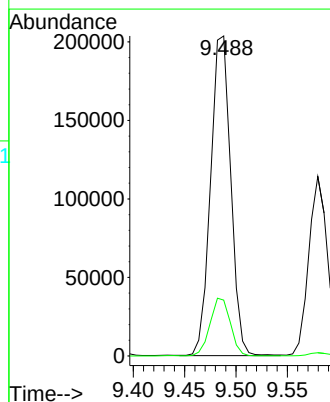
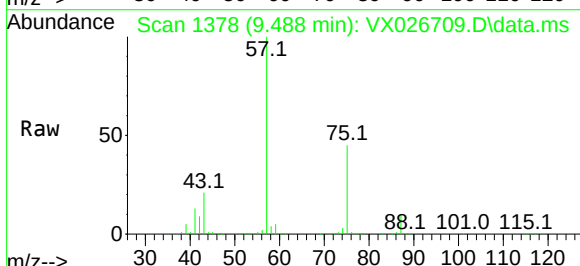
Acq: 01 Feb 2022 16:07

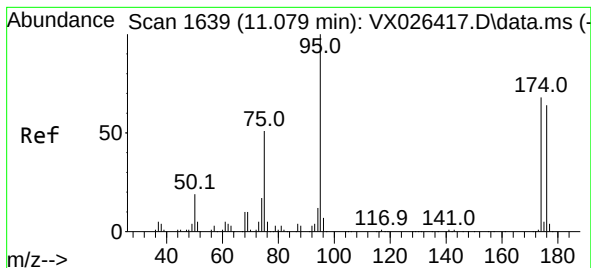
Tgt Ion: 43 Resp: 277826

Ion Ratio Lower Upper

43 100

58 18.2 26.4 79.2#

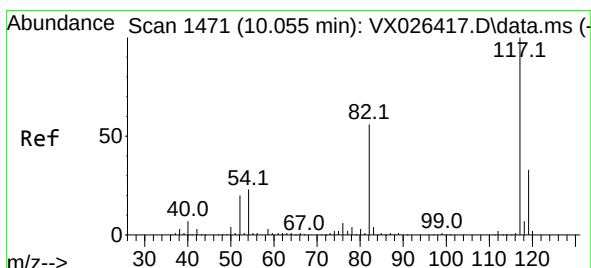
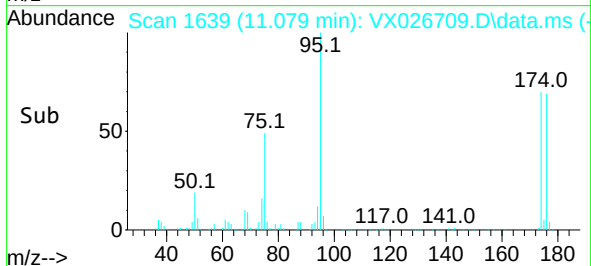
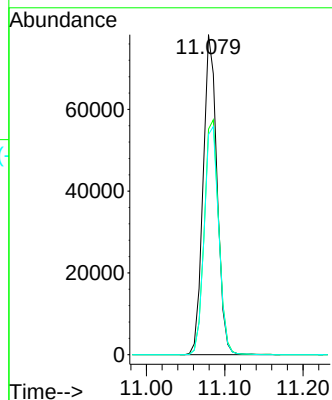
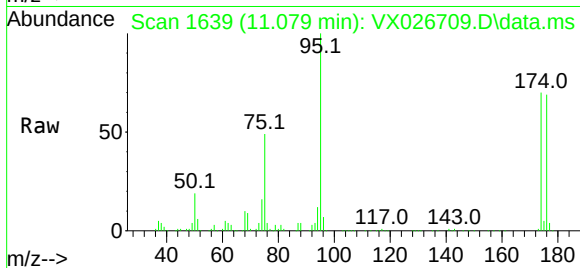




#62
4-Bromofluorobenzene
Concen: 53.103 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026709.D
Acq: 01 Feb 2022 16:07

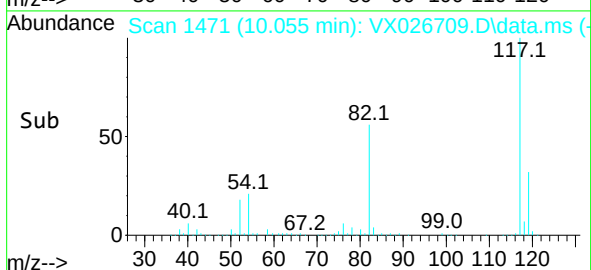
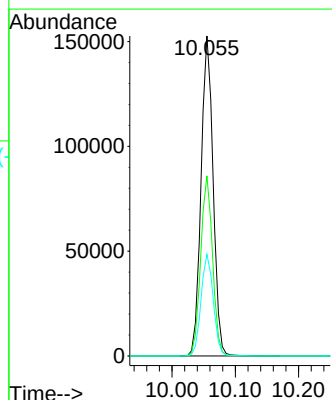
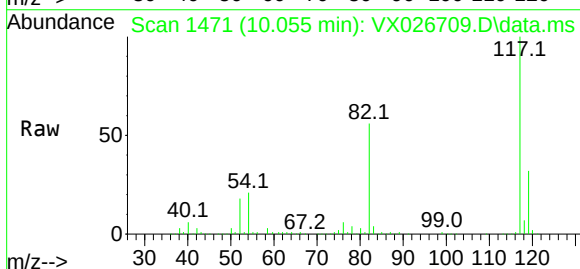
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#02

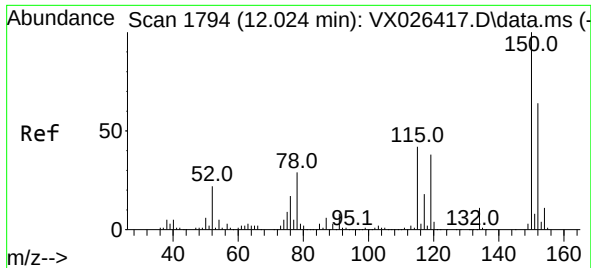
Tgt Ion: 95 Resp: 96442
Ion Ratio Lower Upper
95 100
174 76.4 0.0 148.6
176 74.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026709.D
Acq: 01 Feb 2022 16:07

Tgt Ion: 117 Resp: 202515
Ion Ratio Lower Upper
117 100
82 56.3 45.2 67.8
119 31.7 26.2 39.2

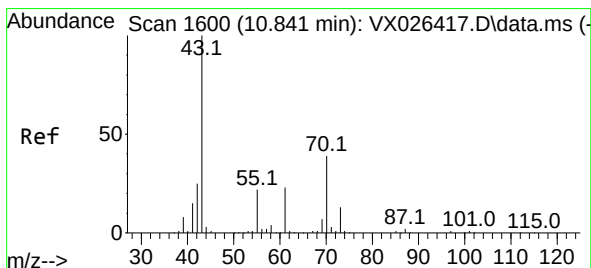
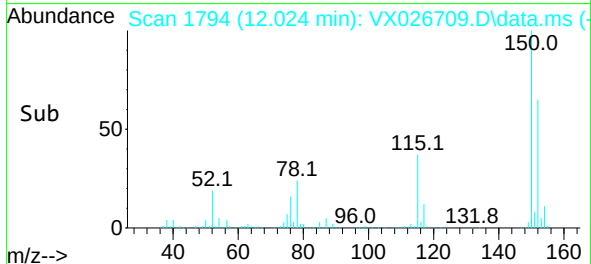
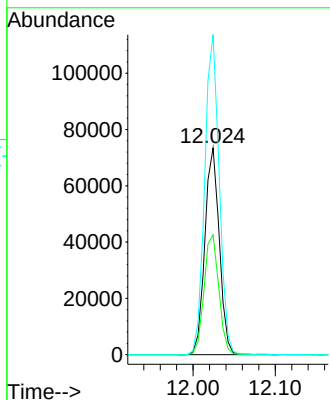
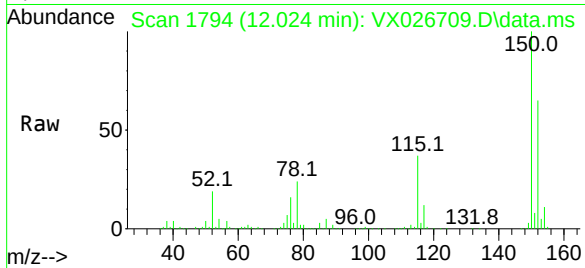




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026709.D
Acq: 01 Feb 2022 16:07

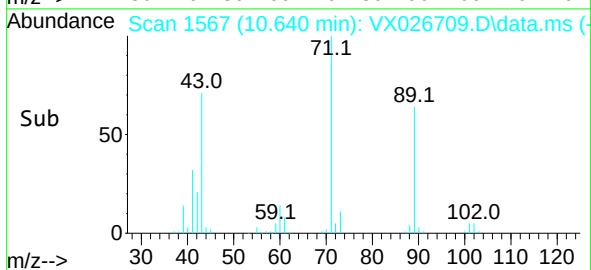
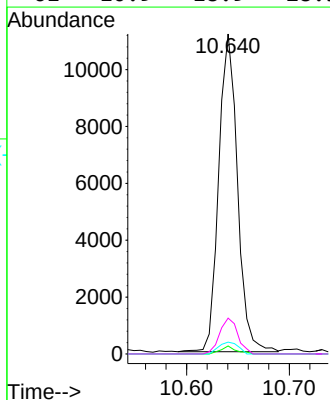
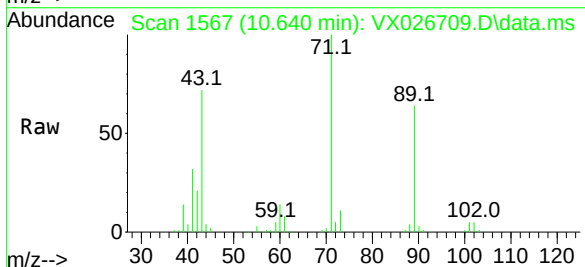
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#02

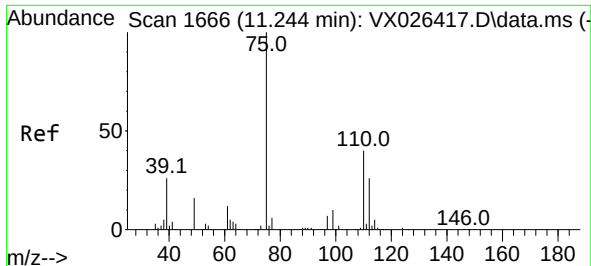
Tgt Ion:152 Resp: 89748
Ion Ratio Lower Upper
152 100
115 59.2 44.2 132.6
150 155.5 0.0 348.2



#74
N-ethyl acetate
Concen: 4.984 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX026709.D
Acq: 01 Feb 2022 16:07

Tgt Ion: 43 Resp: 14154
Ion Ratio Lower Upper
43 100
70 2.0 32.9 49.3#
55 3.9 18.3 27.5#
61 10.9 18.9 28.3#

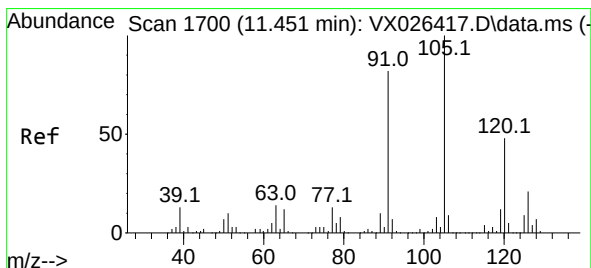
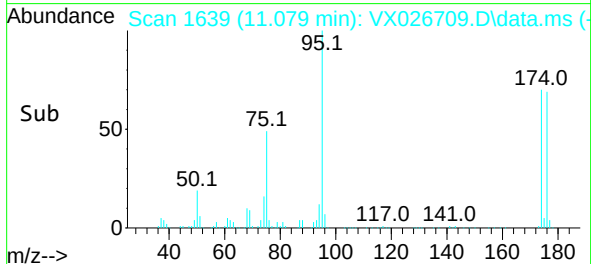
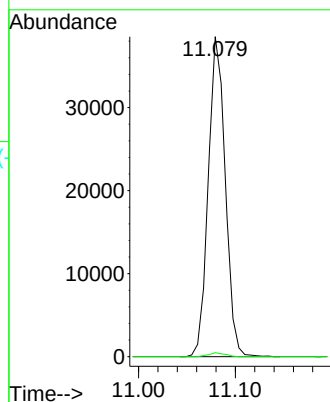
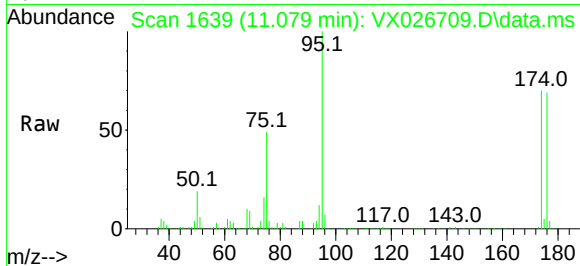




#76
1,2,3-Trichloropropane
Concen: 23.936 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.165 min
Lab File: VX026709.D
Acq: 01 Feb 2022 16:07

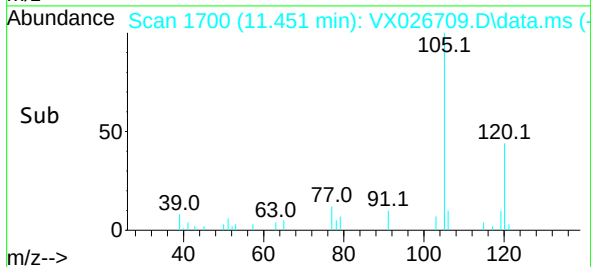
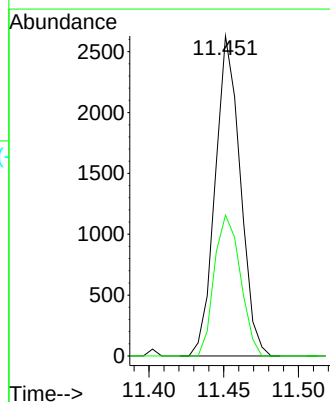
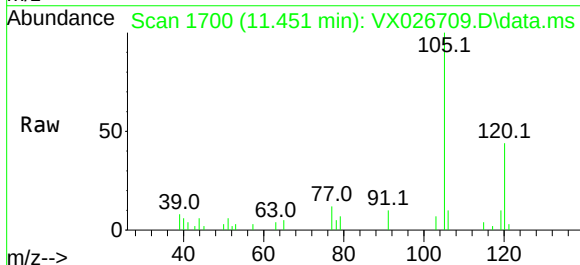
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#02

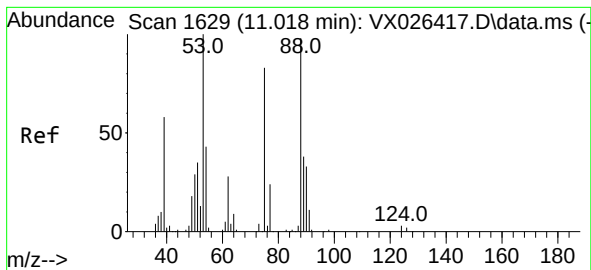
Tgt Ion: 75 Resp: 47298
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.506 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026709.D
Acq: 01 Feb 2022 16:07

Tgt Ion: 105 Resp: 3069
Ion Ratio Lower Upper
105 100
120 45.5 24.0 72.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.966 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026709.D
 Acq: 01 Feb 2022 16:07

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#02

Tgt Ion: 75 Resp: 47298
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

