

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020122\
 Data File : VX026720.D
 Acq On : 01 Feb 2022 20:20
 Operator : JC/MD
 Sample : PB142403ZHE#13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#13

Quant Time: Feb 02 04:38:09 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)

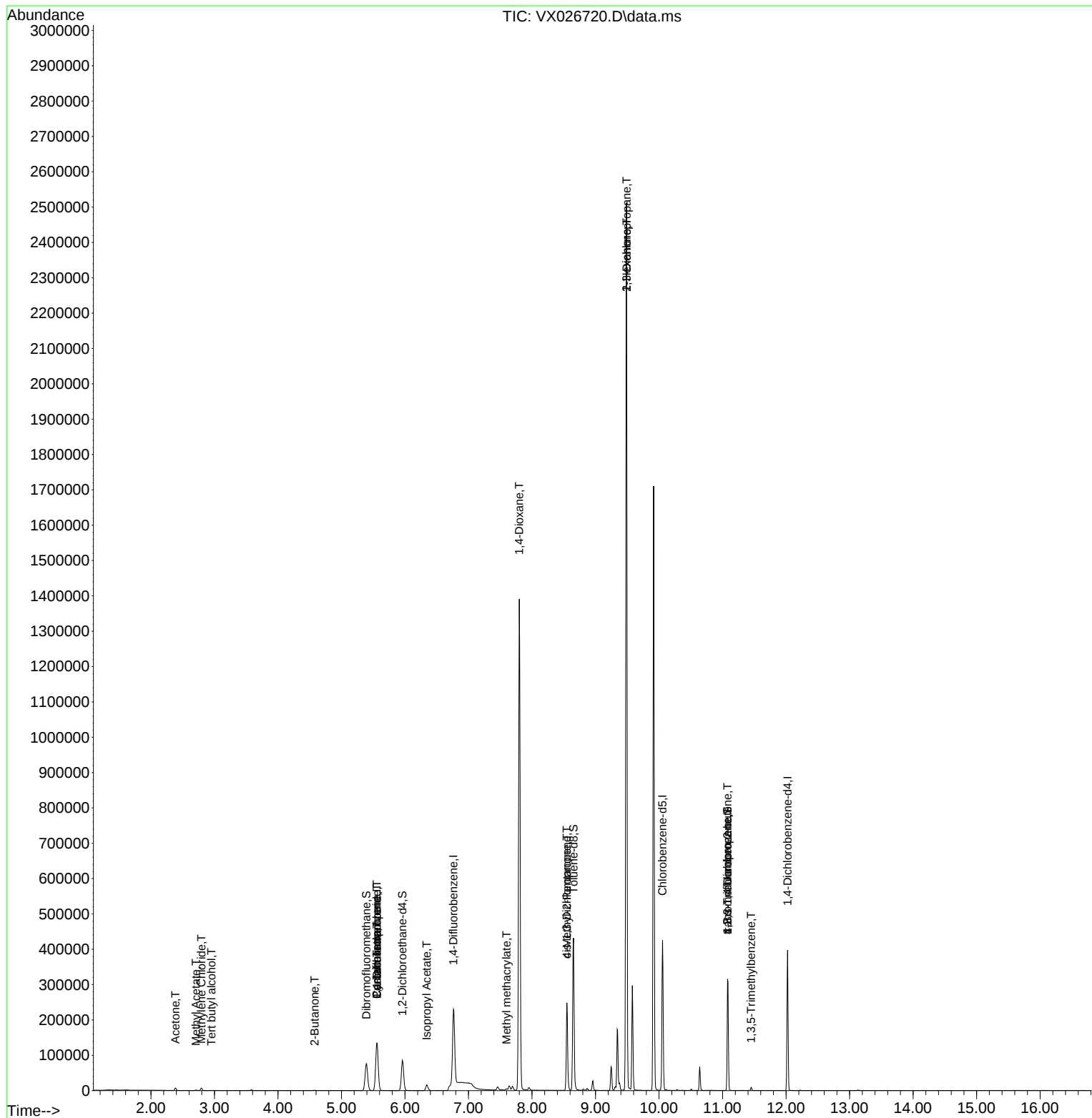
Internal Standards						
1) Pentafluorobenzene	5.556	168	128093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216848	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81593	45.599	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.200%		
35) Dibromofluoromethane	5.391	113	67668	48.323	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.640%		
50) Toluene-d8	8.653	98	252202	49.978	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.960%		
62) 4-Bromofluorobenzene	11.079	95	89684	50.030	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.060%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	212	0.852	ug/l #	75
16) Acetone	2.386	43	7973	8.737	ug/l	96
18) Methyl Acetate	2.709	43	2386	1.315	ug/l #	85
20) Methylene Chloride	2.794	84	3107	2.061	ug/l	90
25) 2-Butanone	4.574	43	1700	1.433	ug/l #	89
31) Cyclohexane	5.556	56	2501	0.948	ug/l #	14
36) 1,1-Dichloropropene	5.556	75	9814	4.439	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13332	5.863	ug/l #	17
43) Isopropyl Acetate	6.342	43	22299	6.173	ug/l	100
48) Methyl methacrylate	7.598	41	5873	3.281	ug/l #	16
49) 1,4-Dioxane	7.799	88	156	5.310	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	81604	38.087	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	38234	16.387	ug/l #	57
57) 1,3-Dichloropropane	9.488	76	22525	8.885	ug/l #	43
59) 2-Hexanone	9.488	43	308456	188.099	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	43587	25.227	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	4091	0.771	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	43587	76.634	ug/l #	3

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

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Quant Title : SW846 8260
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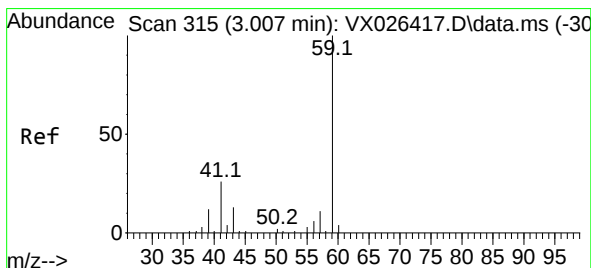
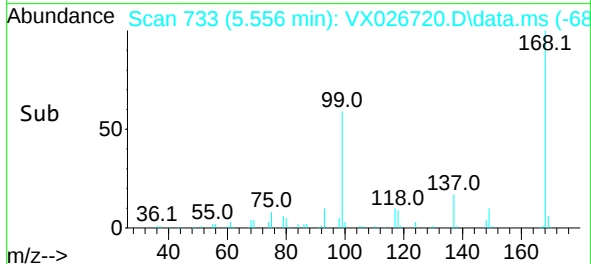
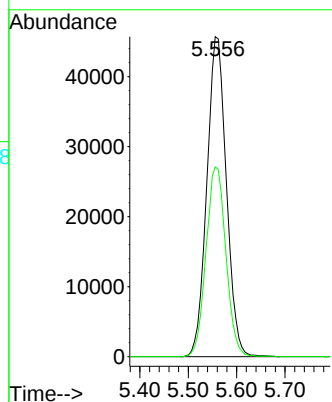
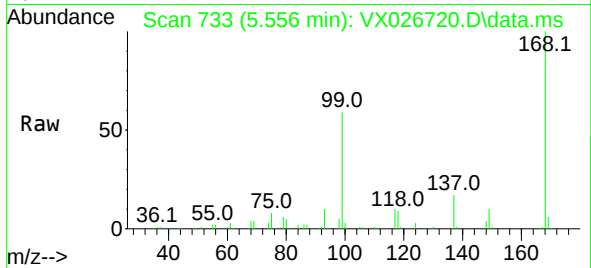




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026720.D
Acq: 01 Feb 2022 20:20

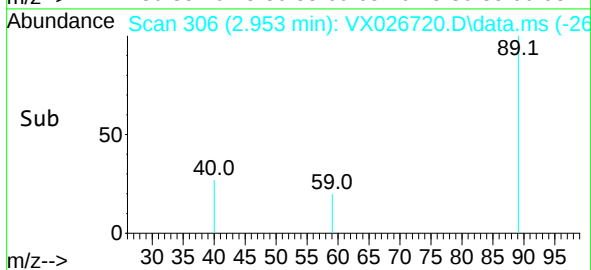
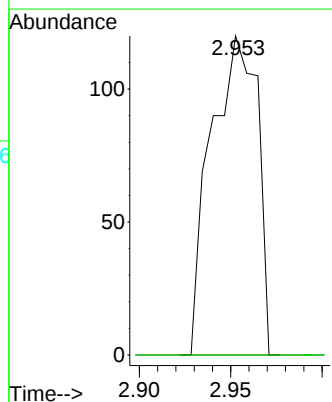
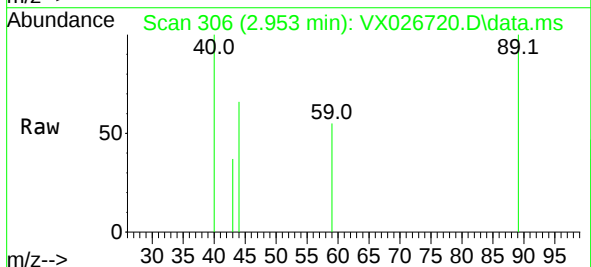
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#13

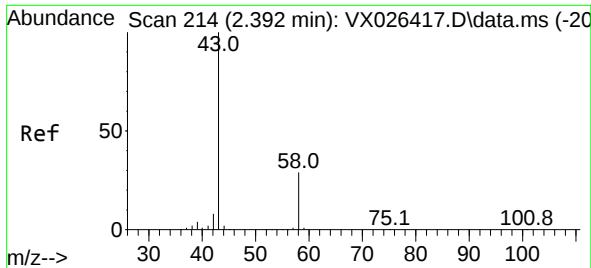
Tgt Ion:168 Resp: 128093
Ion Ratio Lower Upper
168 100
99 59.3 50.3 75.5



#11
Tert butyl alcohol
Concen: 0.852 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.054 min
Lab File: VX026720.D
Acq: 01 Feb 2022 20:20

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

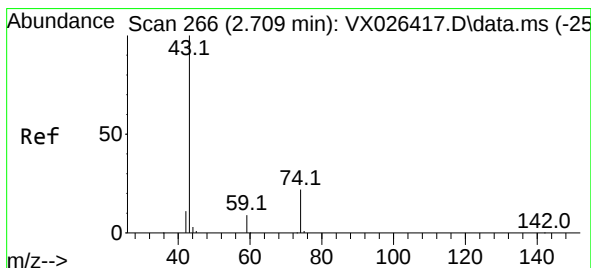
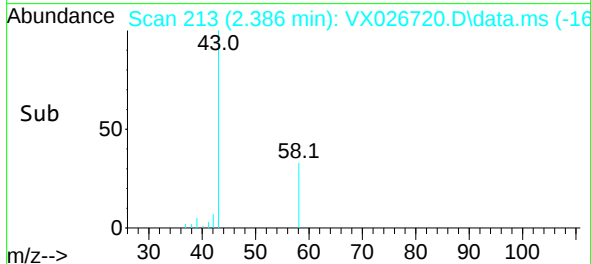
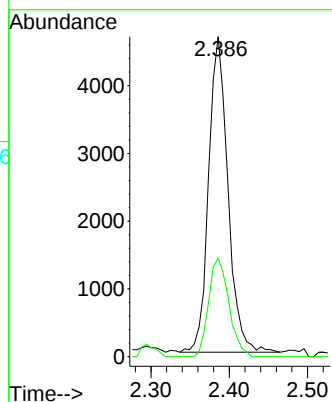
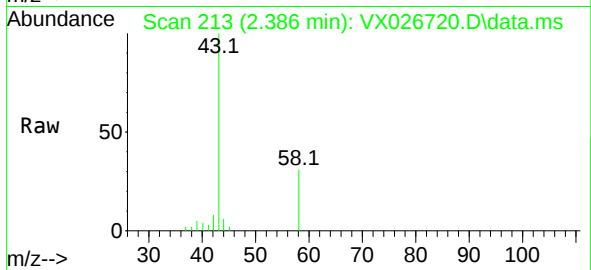




#16
Acetone
Concen: 8.737 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026720.D
Acq: 01 Feb 2022 20:20

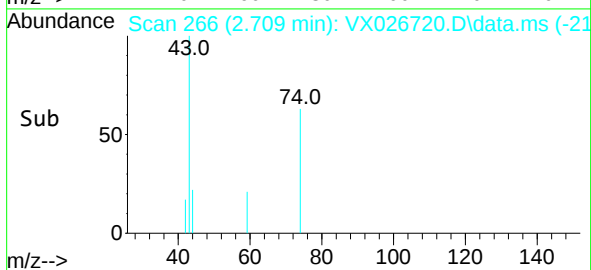
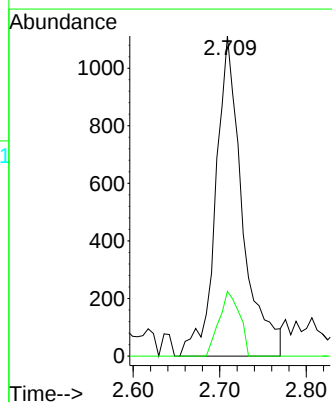
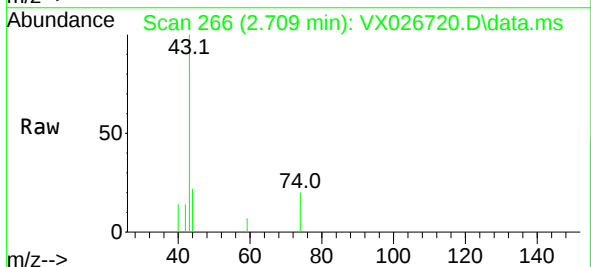
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#13

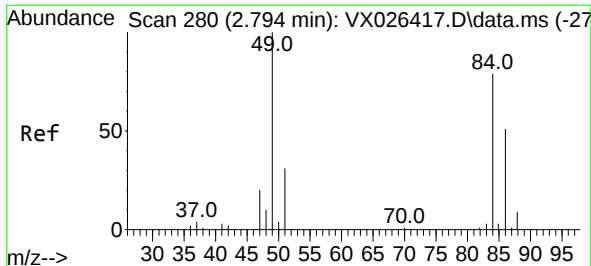
Tgt Ion: 43 Resp: 7973
Ion Ratio Lower Upper
43 100
58 31.2 23.0 34.6



#18
Methyl Acetate
Concen: 1.315 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX026720.D
Acq: 01 Feb 2022 20:20

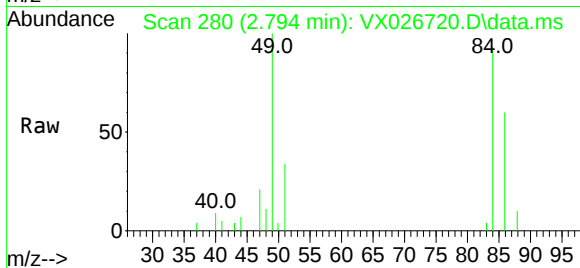
Tgt Ion: 43 Resp: 2386
Ion Ratio Lower Upper
43 100
74 15.4 18.3 27.5#



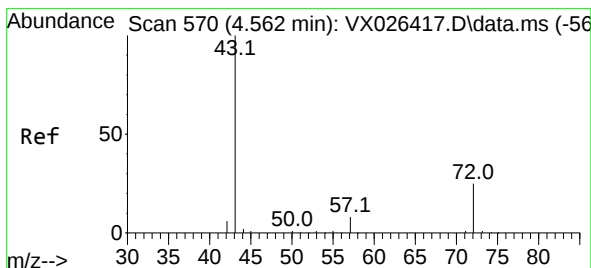
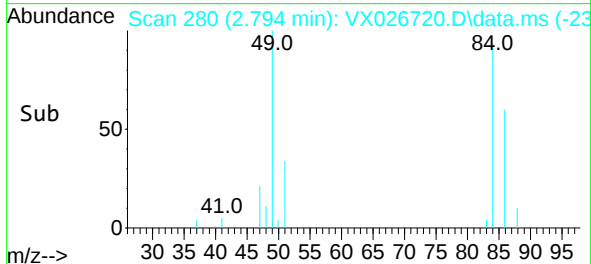
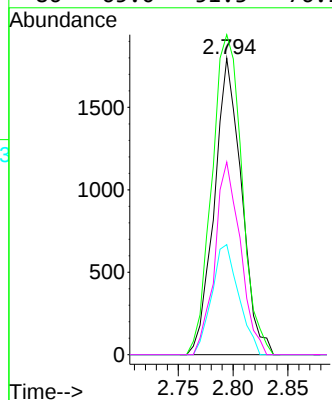


#20
Methylene Chloride
Concen: 2.061 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026720.D
Acq: 01 Feb 2022 20:20

Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#13

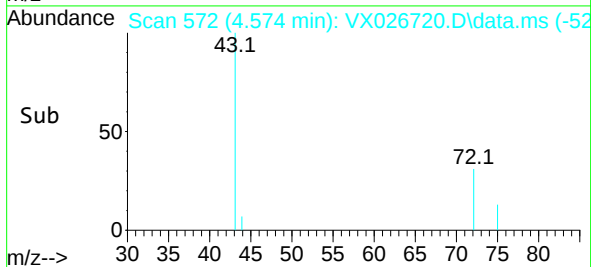
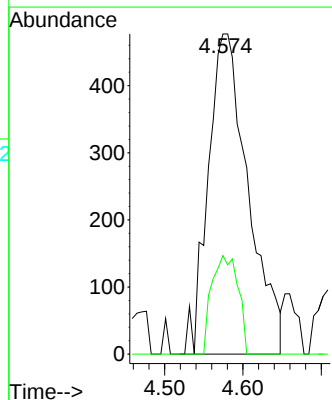
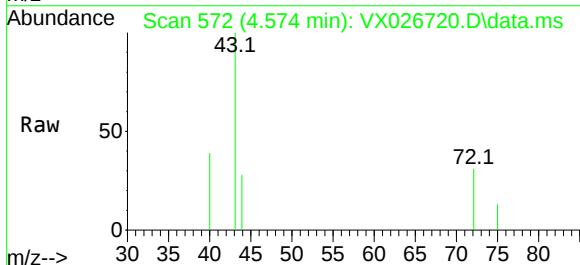


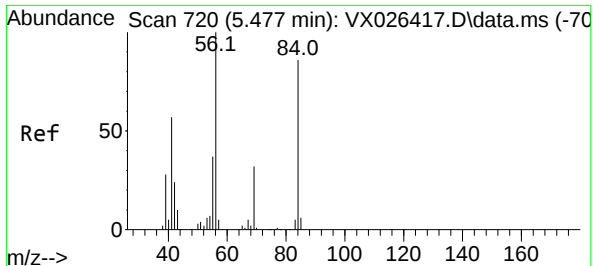
Tgt Ion: 84	Resp: 3107
Ion Ratio	Lower Upper
84 100	
49 108.0	101.5 152.3
51 37.2	31.2 46.8
86 65.0	51.3 76.9



#25
2-Butanone
Concen: 1.433 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX026720.D
Acq: 01 Feb 2022 20:20

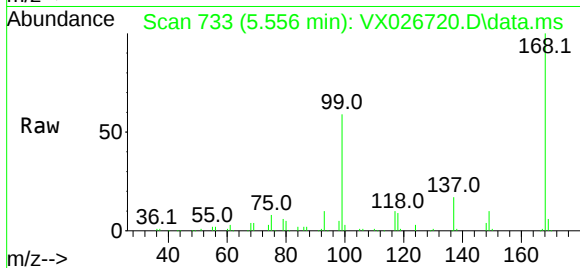
Tgt Ion: 43	Resp: 1700
Ion Ratio	Lower Upper
43 100	
72 30.8	20.4 30.6#



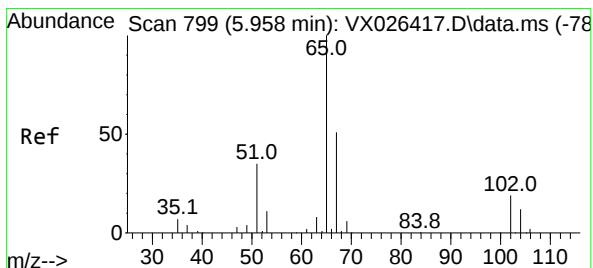
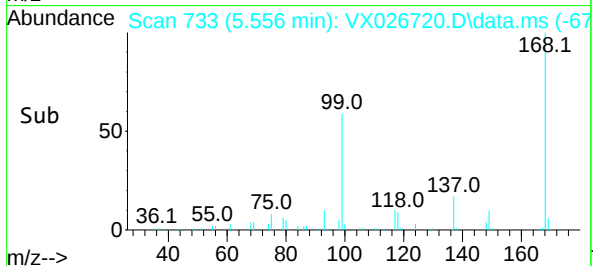
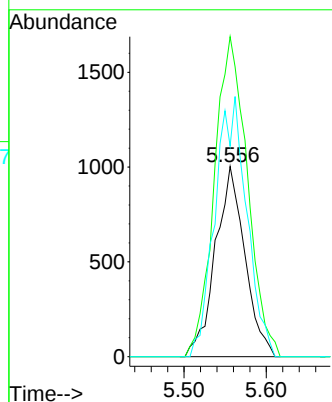


#31
Cyclohexane
Concen: 0.948 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.079 min
Lab File: VX026720.D
Acq: 01 Feb 2022 20:20

Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#13

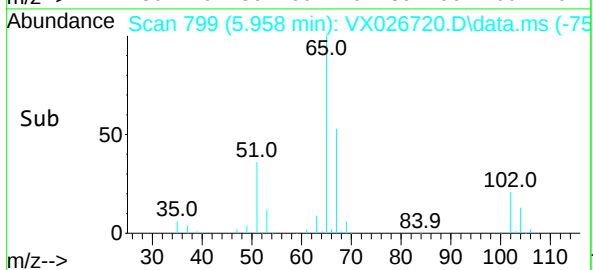
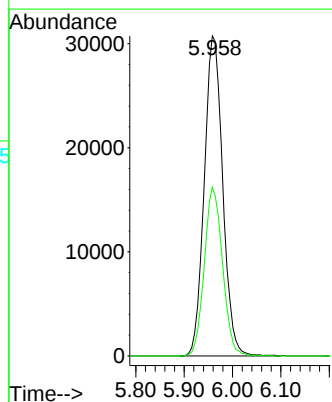
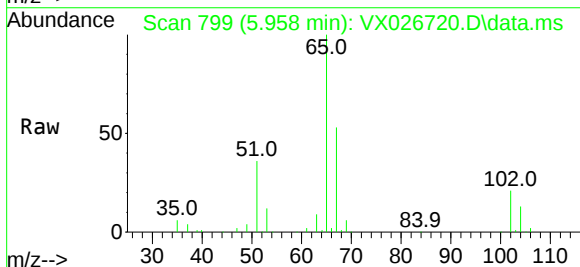


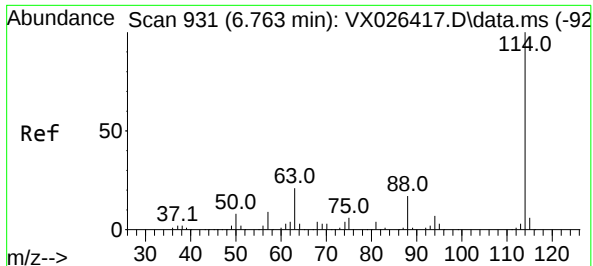
Tgt Ion: 56 Resp: 2501
Ion Ratio Lower Upper
56 100
69 168.3 25.8 38.6#
84 110.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 45.599 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026720.D
Acq: 01 Feb 2022 20:20

Tgt Ion: 65 Resp: 81593
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.8

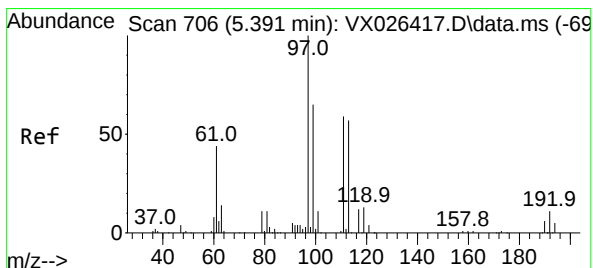
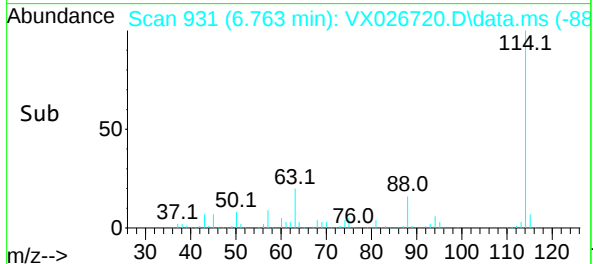
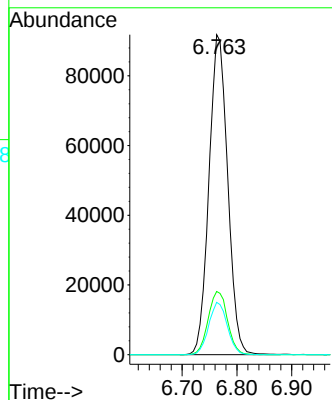
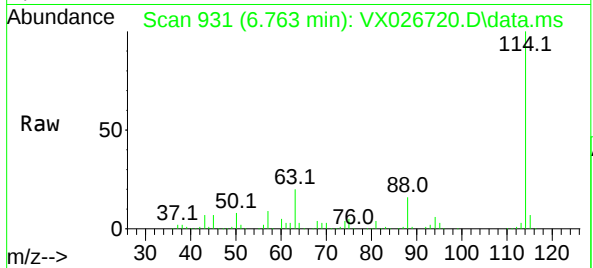




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026720.D
Acq: 01 Feb 2022 20:20

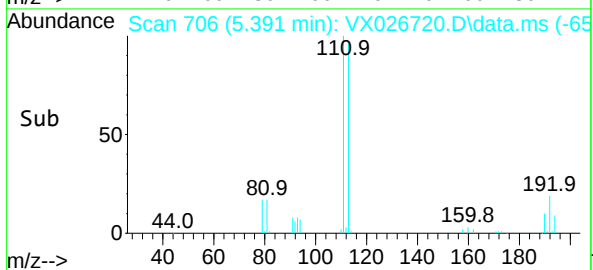
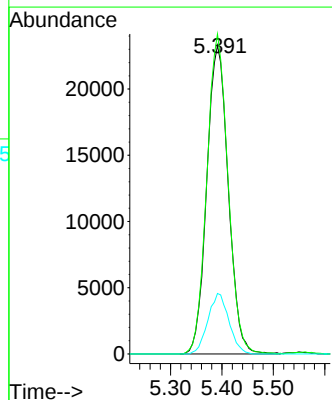
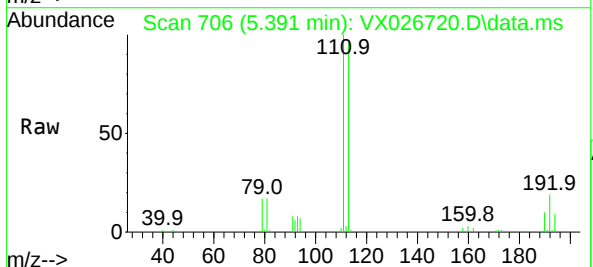
Instrument :
MSVOA_X
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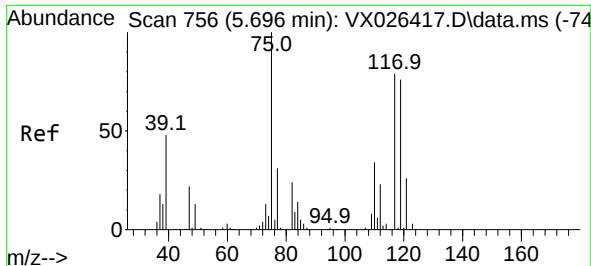
Tgt Ion:114 Resp: 216848
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.8
88 16.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.323 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026720.D
Acq: 01 Feb 2022 20:20

Tgt Ion:113 Resp: 67668
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 19.1 15.0 22.4

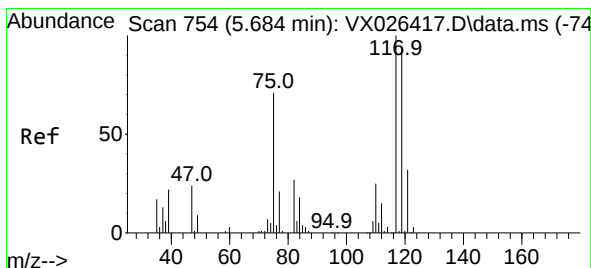
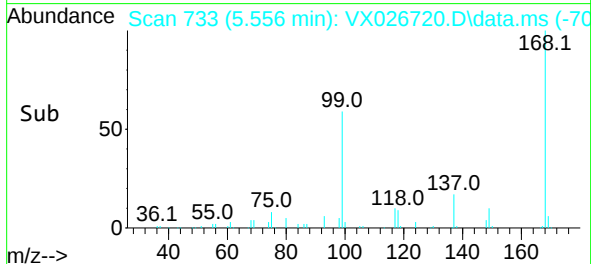
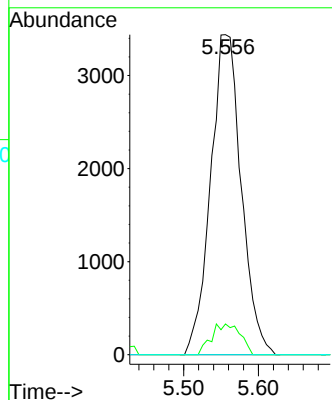
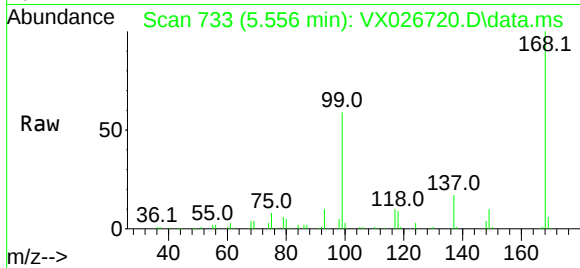




#36
1,1-Dichloropropene
Concen: 4.439 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026720.D
Acq: 01 Feb 2022 20:20

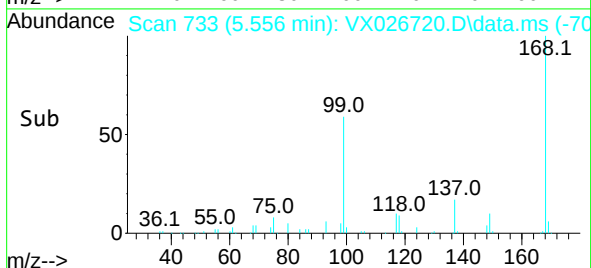
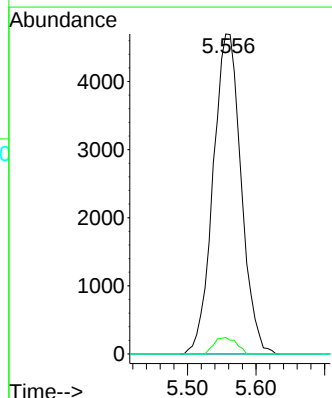
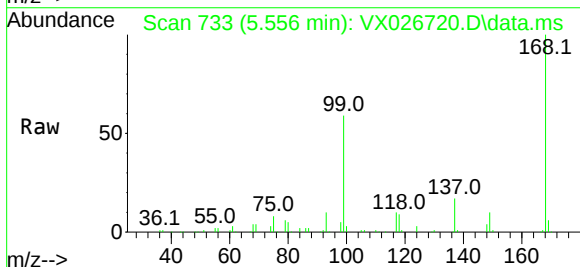
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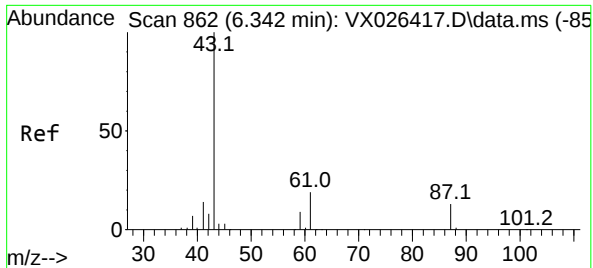
Tgt Ion: 75 Resp: 9814
Ion Ratio Lower Upper
75 100
110 9.1 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.863 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026720.D
Acq: 01 Feb 2022 20:20

Tgt Ion: 117 Resp: 13332
Ion Ratio Lower Upper
117 100
119 5.1 74.7 112.1#
121 0.0 25.4 38.0#

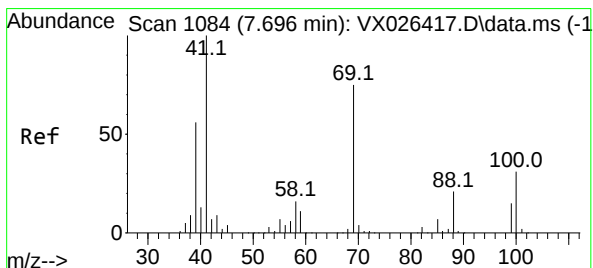
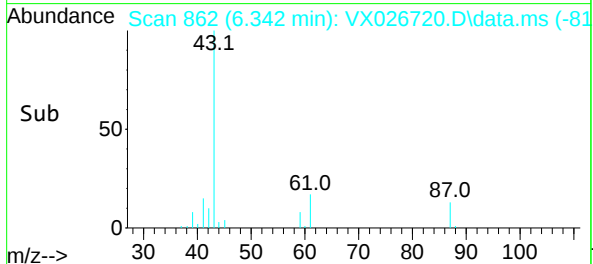
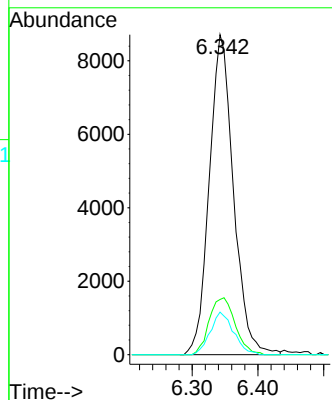
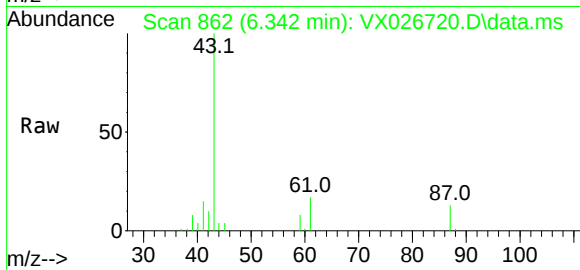




#43
Isopropyl Acetate
Concen: 6.173 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX026720.D
Acq: 01 Feb 2022 20:20

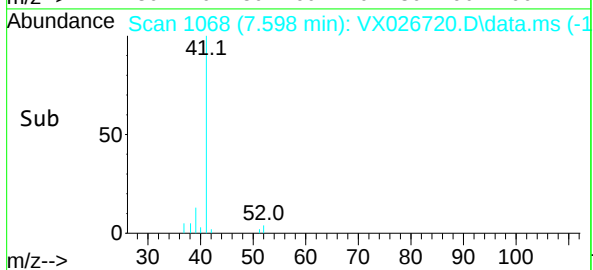
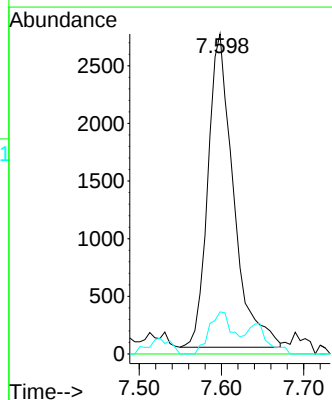
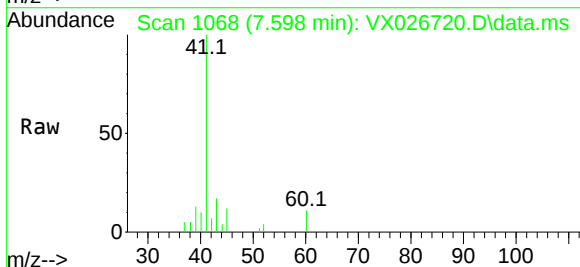
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#13

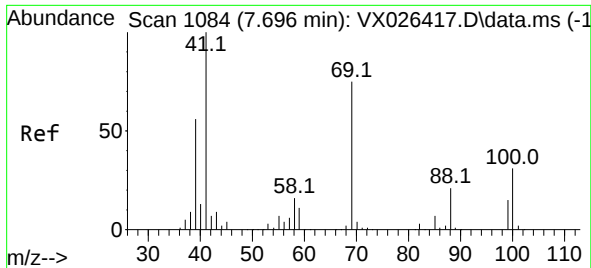
Tgt Ion: 43 Resp: 22299
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 12.8 10.2 15.2



#48
Methyl methacrylate
Concen: 3.281 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026720.D
Acq: 01 Feb 2022 20:20

Tgt Ion: 41 Resp: 5873
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: 5.310 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026720.D

Acq: 01 Feb 2022 20:20

Instrument :

MSVOA_X

ClientSampleId :

PB142403ZHE#13

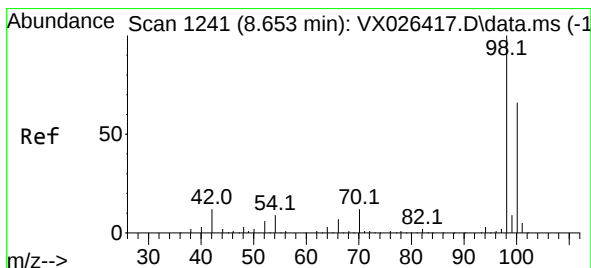
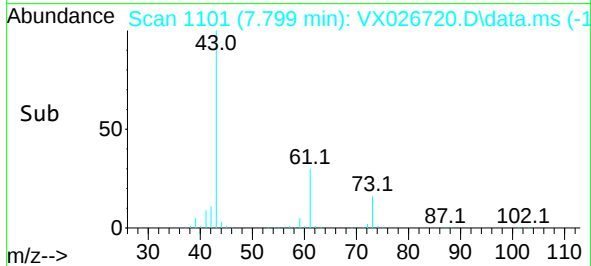
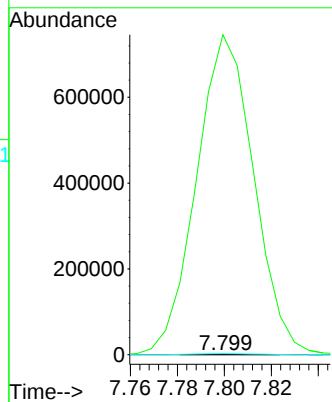
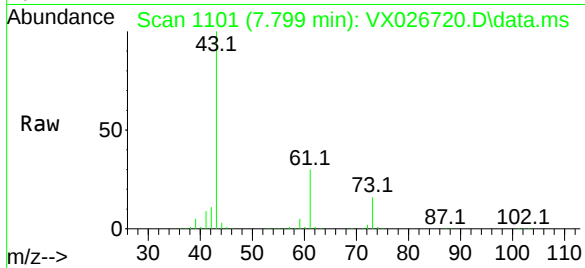
Tgt Ion: 88 Resp: 156

Ion Ratio Lower Upper

88 100

43 815435.3 29.9 44.9#

58 2960.9 57.8 86.6#



#50

Toluene-d8

Concen: 49.978 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026720.D

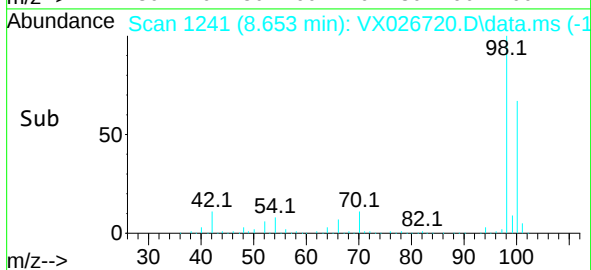
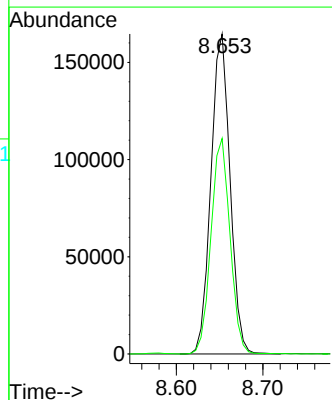
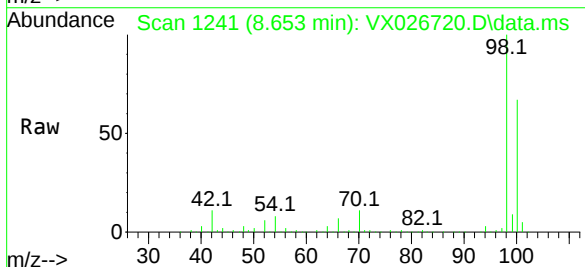
Acq: 01 Feb 2022 20:20

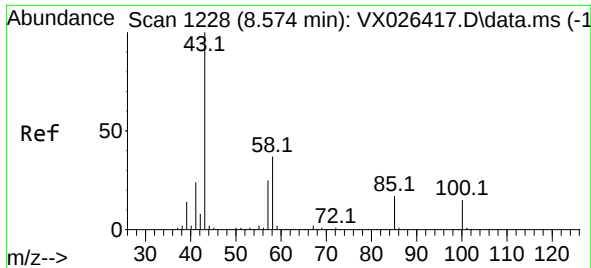
Tgt Ion: 98 Resp: 252202

Ion Ratio Lower Upper

98 100

100 67.1 53.2 79.8

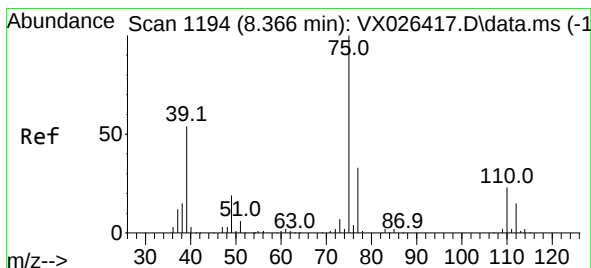
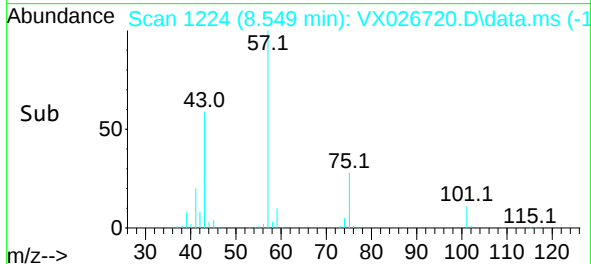
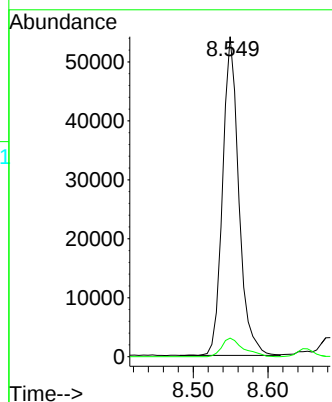
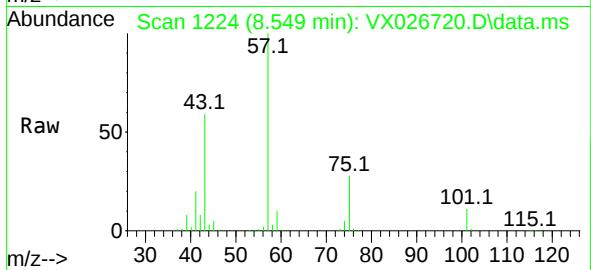




#51
4-Methyl-2-Pentanone
Concen: 38.087 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026720.D
Acq: 01 Feb 2022 20:20

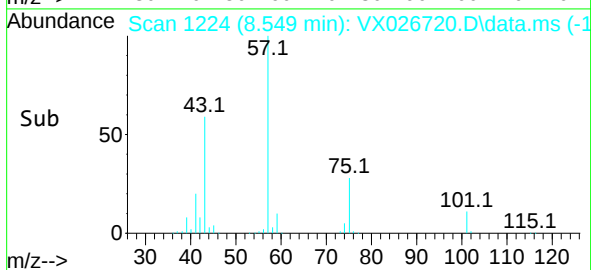
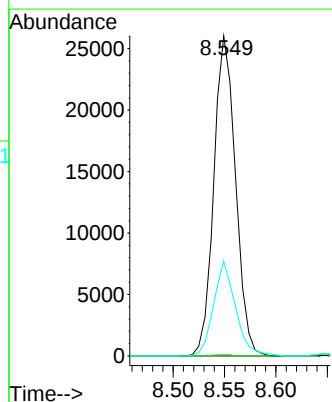
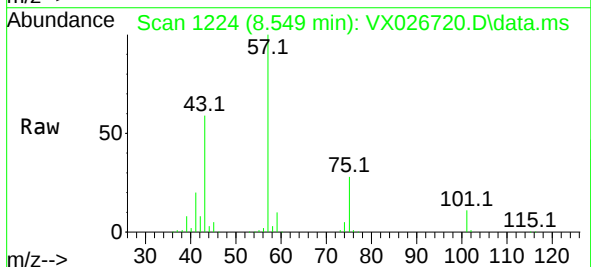
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#13

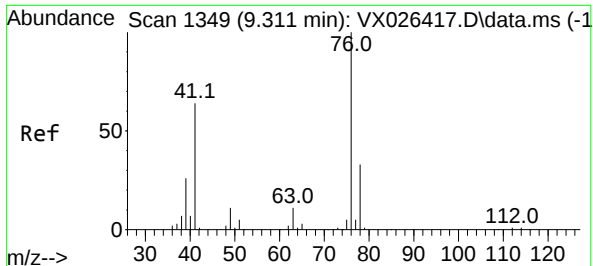
Tgt Ion: 43 Resp: 81604
Ion Ratio Lower Upper
43 100
58 7.6 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 16.387 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026720.D
Acq: 01 Feb 2022 20:20

Tgt Ion: 75 Resp: 38234
Ion Ratio Lower Upper
75 100
77 0.4 26.2 39.2#
39 29.6 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 8.885 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX026720.D

Acq: 01 Feb 2022 20:20

Instrument :

MSVOA_X

ClientSampleId :

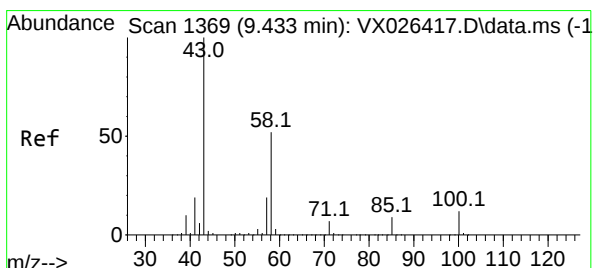
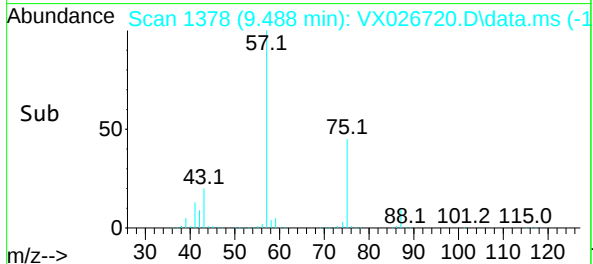
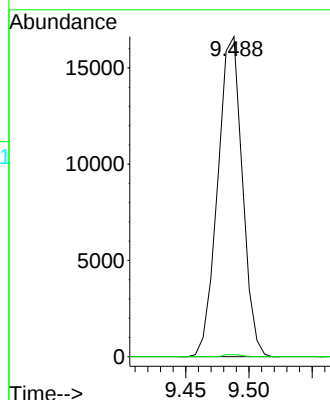
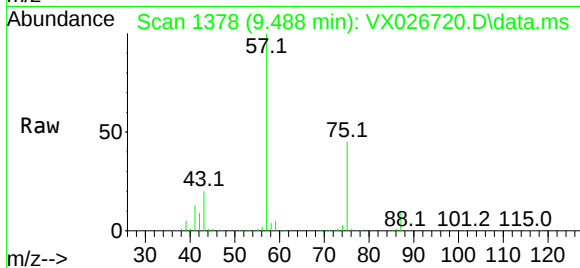
PB142403ZHE#13

Tgt Ion: 76 Resp: 22525

Ion Ratio Lower Upper

76 100

78 0.5 25.7 38.5#



#59

2-Hexanone

Concen: 188.099 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX026720.D

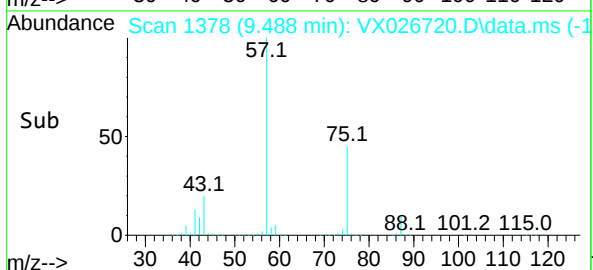
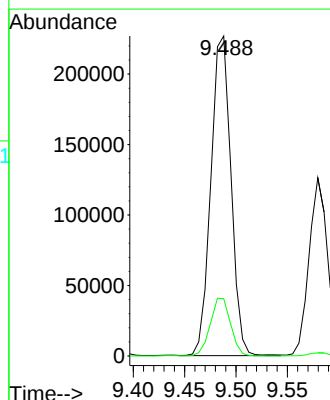
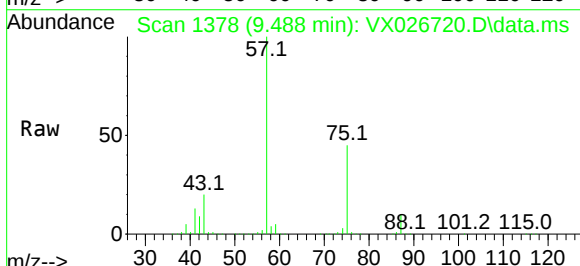
Acq: 01 Feb 2022 20:20

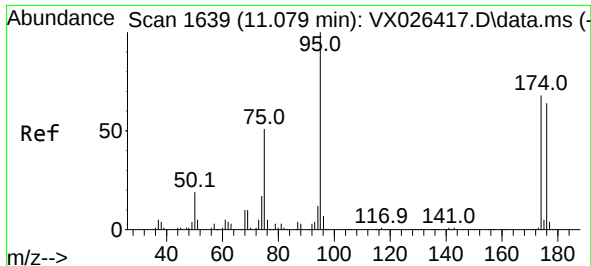
Tgt Ion: 43 Resp: 308456

Ion Ratio Lower Upper

43 100

58 18.3 26.4 79.2#

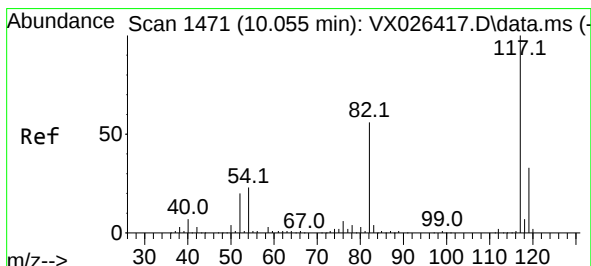
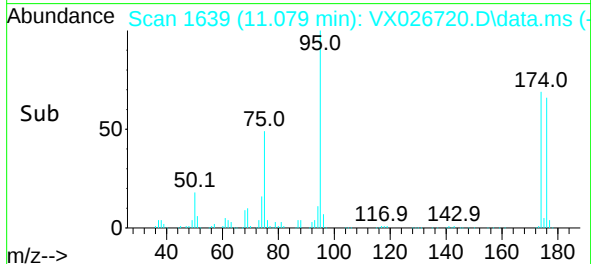
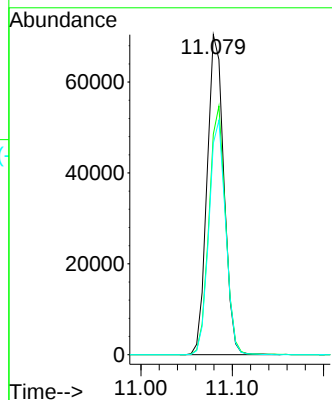
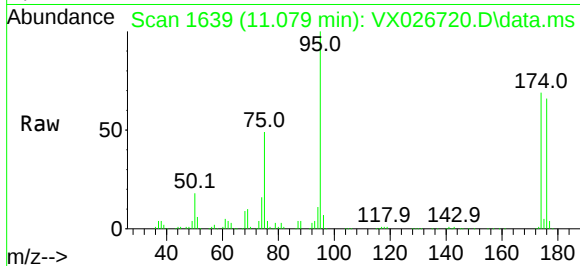




#62
4-Bromofluorobenzene
Concen: 50.030 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026720.D
Acq: 01 Feb 2022 20:20

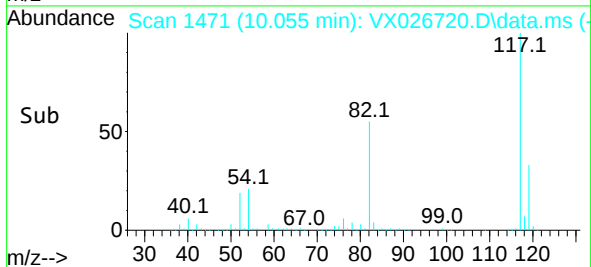
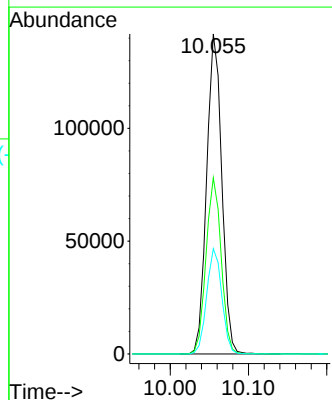
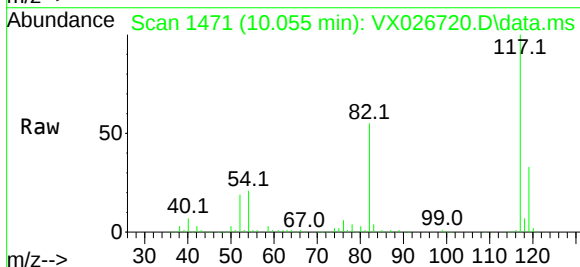
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#13

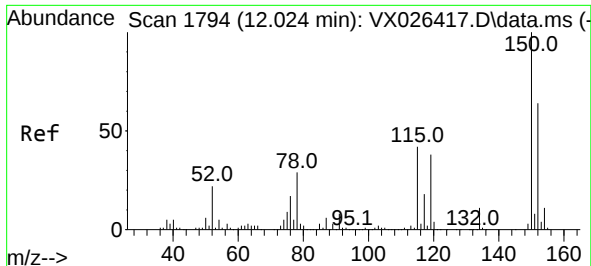
Tgt Ion: 95 Resp: 89684
Ion Ratio Lower Upper
95 100
174 76.2 0.0 148.6
176 72.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026720.D
Acq: 01 Feb 2022 20:20

Tgt Ion: 117 Resp: 189893
Ion Ratio Lower Upper
117 100
82 55.1 45.2 67.8
119 32.9 26.2 39.2

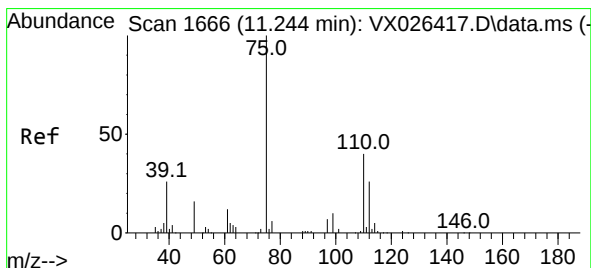
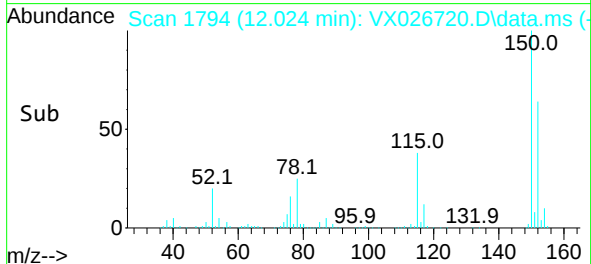
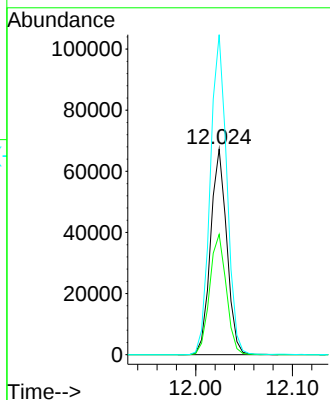
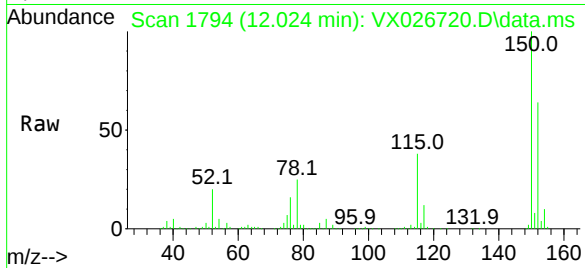




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026720.D
 Acq: 01 Feb 2022 20:20

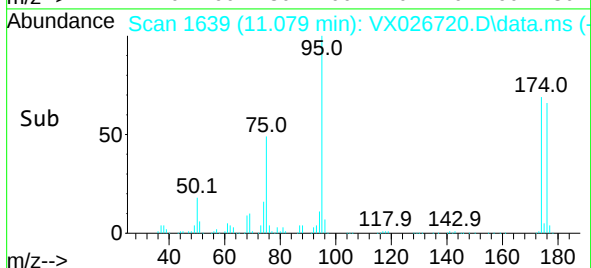
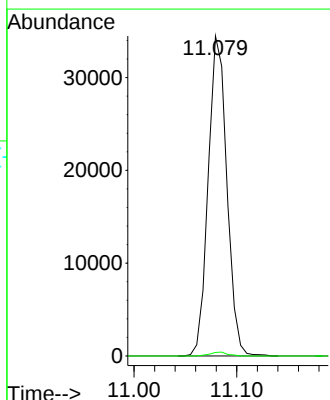
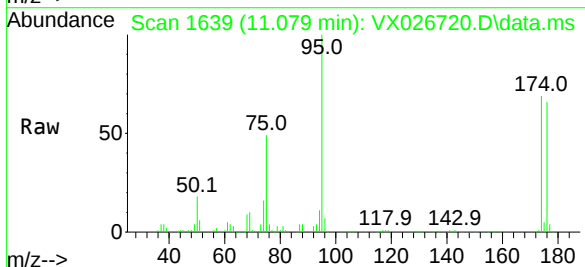
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#13

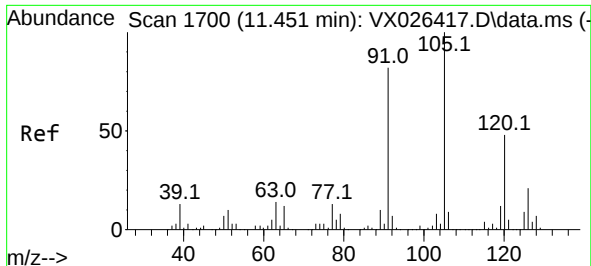
Tgt Ion:152 Resp: 78473
 Ion Ratio Lower Upper
 152 100
 115 60.0 44.2 132.6
 150 159.0 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.227 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026720.D
 Acq: 01 Feb 2022 20:20

Tgt Ion: 75 Resp: 43587
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#

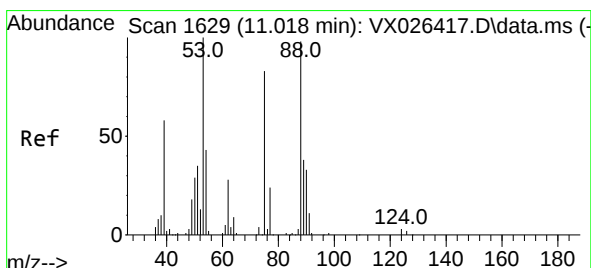
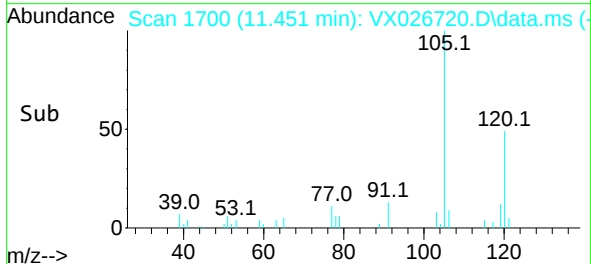
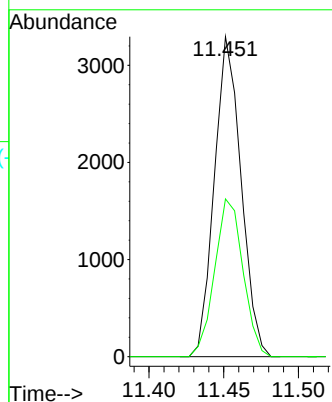
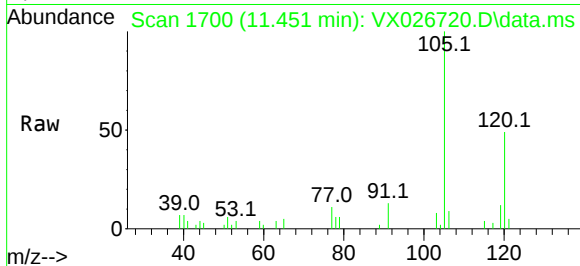




#80
 1,3,5-Trimethylbenzene
 Concen: 0.771 ug/l
 RT: 11.451 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026720.D
 Acq: 01 Feb 2022 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#13

Tgt Ion:105 Resp: 4091
 Ion Ratio Lower Upper
 105 100
 120 52.3 24.0 72.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.634 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX026720.D
 Acq: 01 Feb 2022 20:20

Tgt Ion: 75 Resp: 43587
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

