

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020122\
 Data File : VX026712.D
 Acq On : 01 Feb 2022 17:16
 Operator : JC/MD
 Sample : PB142403ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#05

Quant Time: Feb 02 04:36:56 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)

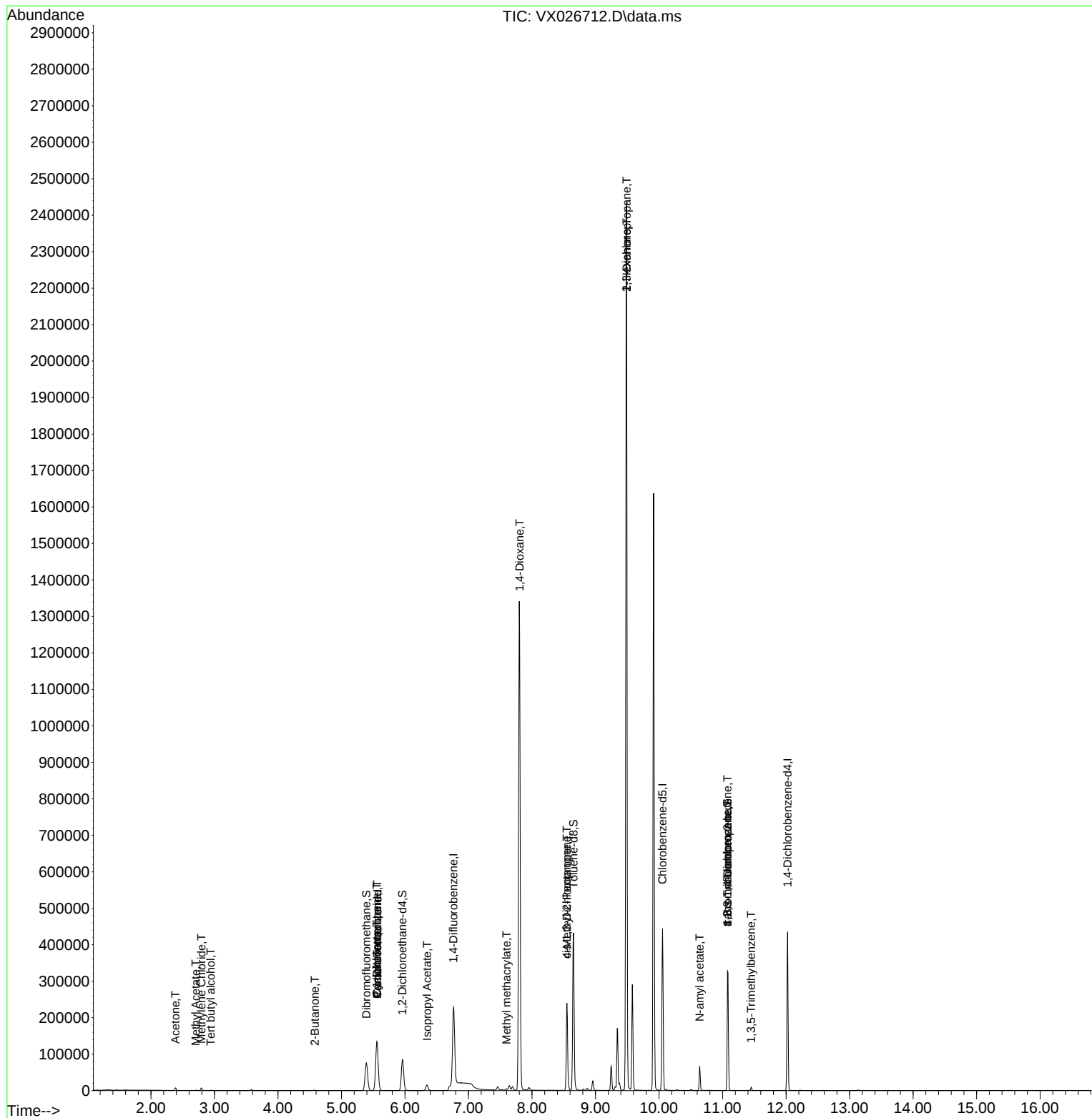
Internal Standards						
1) Pentafluorobenzene	5.562	168	127692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81691	45.797	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.600%
35) Dibromofluoromethane	5.391	113	67426	48.061	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.120%
50) Toluene-d8	8.653	98	254958	50.432	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.860%
62) 4-Bromofluorobenzene	11.079	95	94643	52.699	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.400%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	659	2.656	ug/l #	75
16) Acetone	2.386	43	8047	8.846	ug/l	95
18) Methyl Acetate	2.703	43	1596	0.883	ug/l	95
20) Methylene Chloride	2.794	84	3001	1.997	ug/l	97
25) 2-Butanone	4.580	43	1761	1.489	ug/l	100
31) Cyclohexane	5.556	56	2403	0.913	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9726	4.392	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13215	5.801	ug/l #	17
43) Isopropyl Acetate	6.348	43	21955	6.067	ug/l	99
48) Methyl methacrylate	7.598	41	6092	3.397	ug/l #	16
49) 1,4-Dioxane	7.805	88	142	4.825	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	80021	37.280	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	37436	16.015	ug/l #	55
57) 1,3-Dichloropropane	9.488	76	21846	8.602	ug/l #	43
59) 2-Hexanone	9.488	43	301805	183.704	ug/l #	51
74) N-amyl acetate	10.640	43	15961	5.790	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	46644	24.320	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	4070	0.691	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	46644	74.059	ug/l #	3

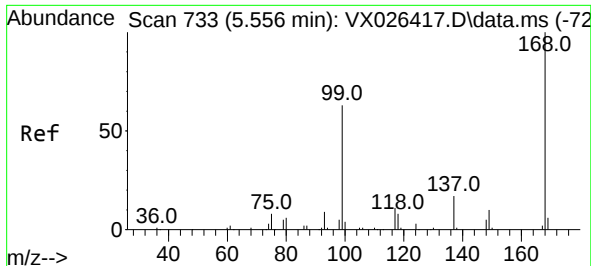
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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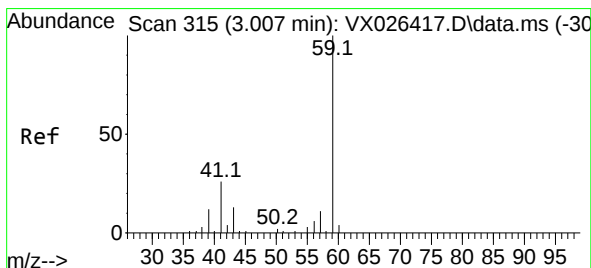
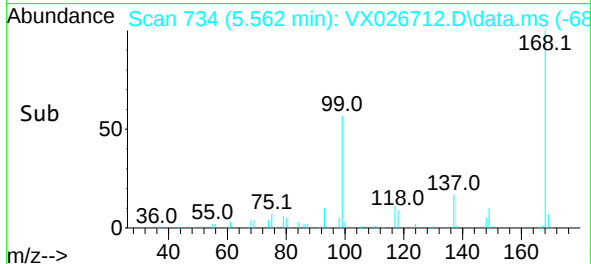
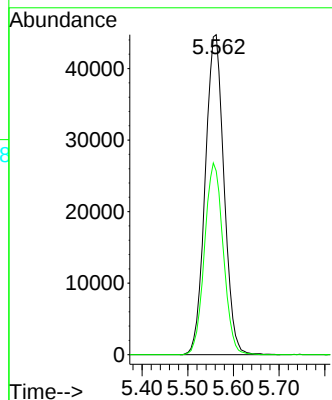
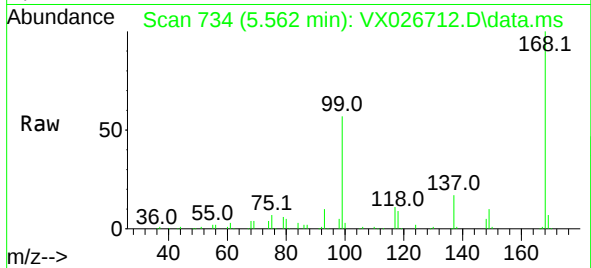




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026712.D
Acq: 01 Feb 2022 17:16

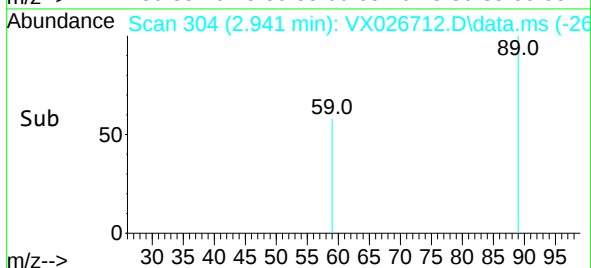
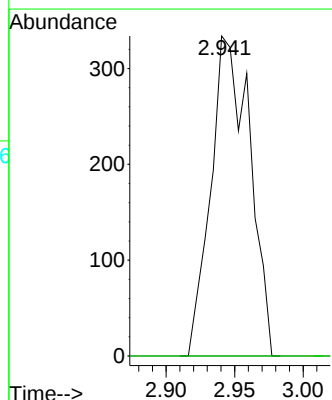
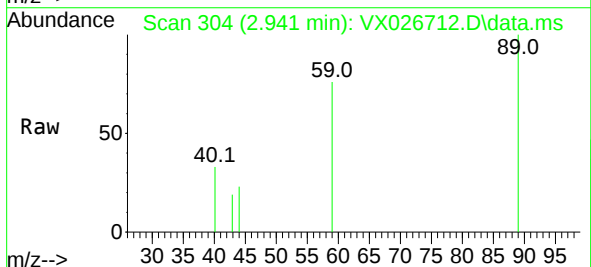
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#05

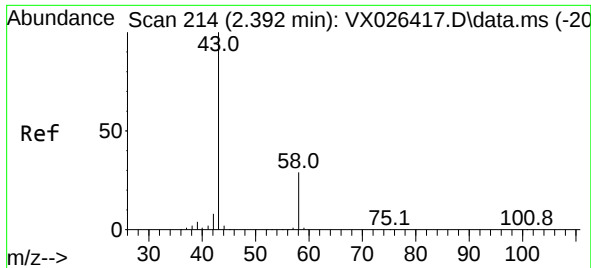
Tgt Ion:168 Resp: 127692
Ion Ratio Lower Upper
168 100
99 57.4 50.3 75.5



#11
Tert butyl alcohol
Concen: 2.656 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.066 min
Lab File: VX026712.D
Acq: 01 Feb 2022 17:16

Tgt Ion: 59 Resp: 659
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

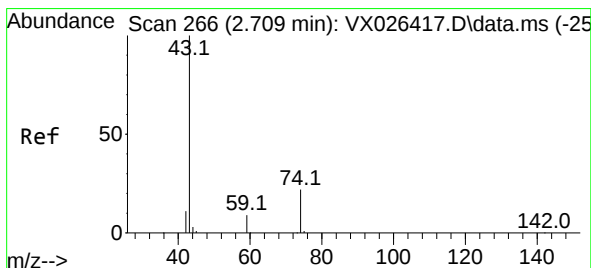
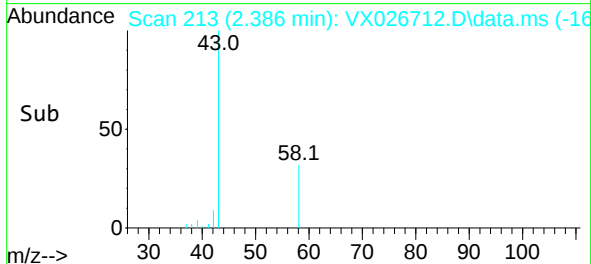
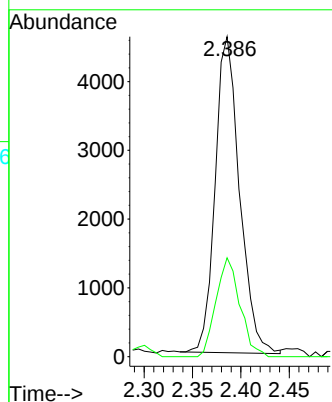
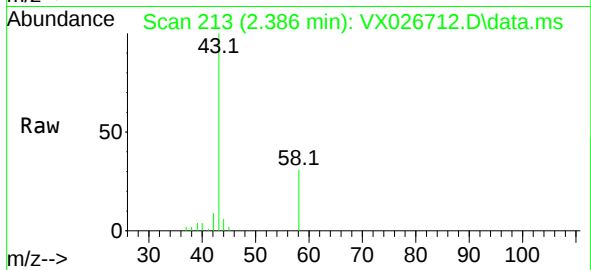




#16
Acetone
Concen: 8.846 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026712.D
Acq: 01 Feb 2022 17:16

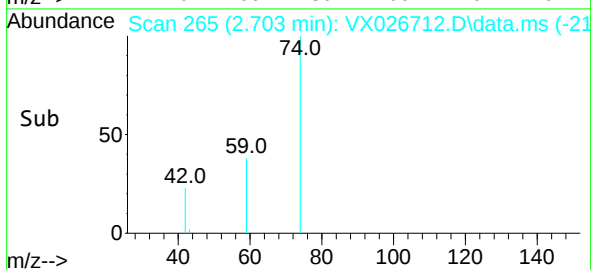
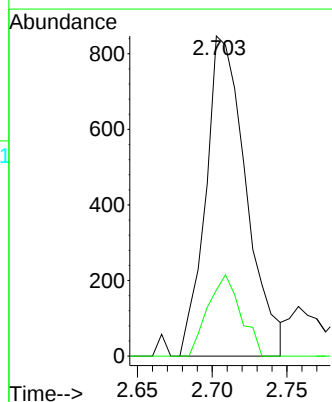
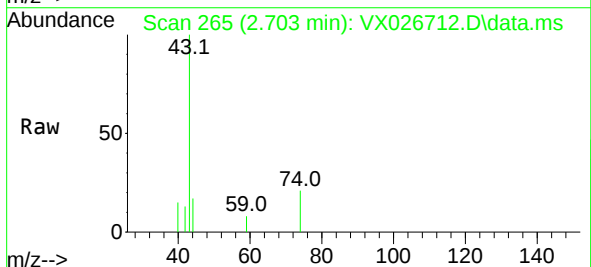
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#05

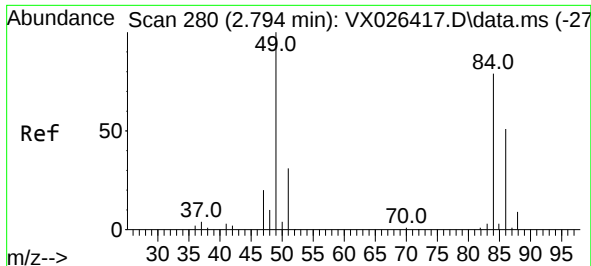
Tgt Ion: 43 Resp: 8047
Ion Ratio Lower Upper
43 100
58 31.3 23.0 34.6



#18
Methyl Acetate
Concen: 0.883 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX026712.D
Acq: 01 Feb 2022 17:16

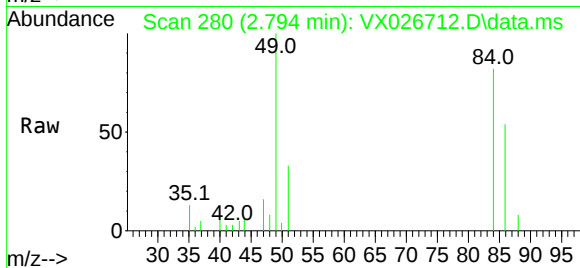
Tgt Ion: 43 Resp: 1596
Ion Ratio Lower Upper
43 100
74 20.6 18.3 27.5



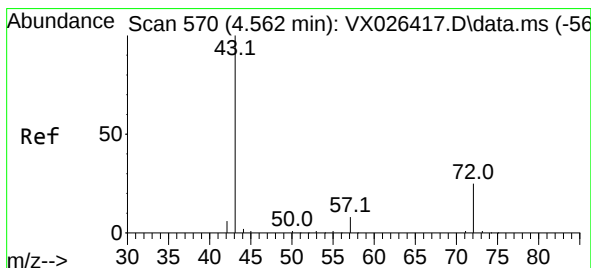
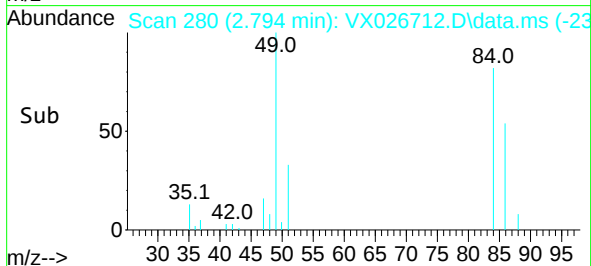
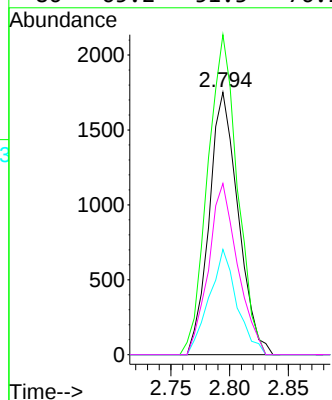


#20
Methylene Chloride
Concen: 1.997 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026712.D
Acq: 01 Feb 2022 17:16

Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#05

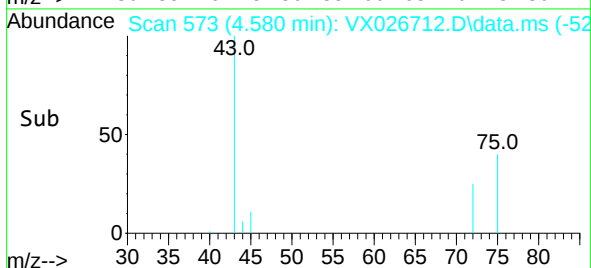
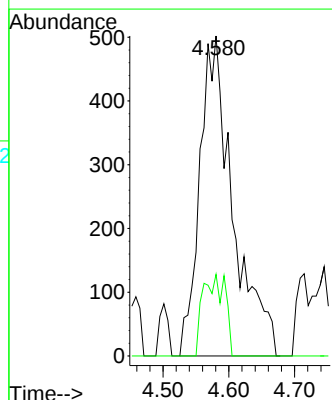
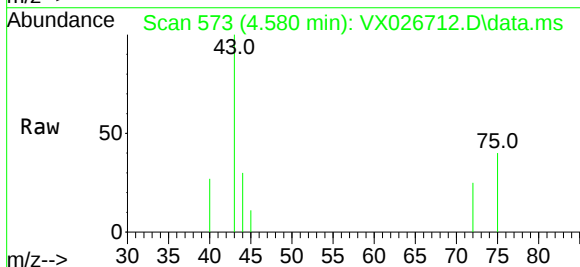


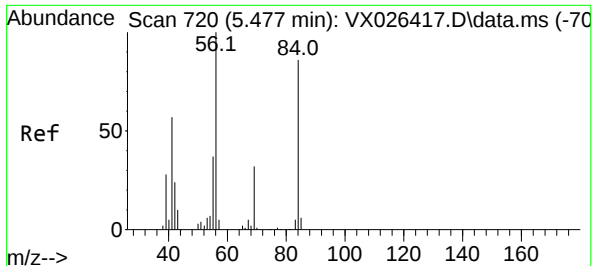
Tgt Ion:	84	Resp:	3001
Ion	Ratio	Lower	Upper
84	100		
49	121.9	101.5	152.3
51	40.1	31.2	46.8
86	65.2	51.3	76.9



#25
2-Butanone
Concen: 1.489 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX026712.D
Acq: 01 Feb 2022 17:16

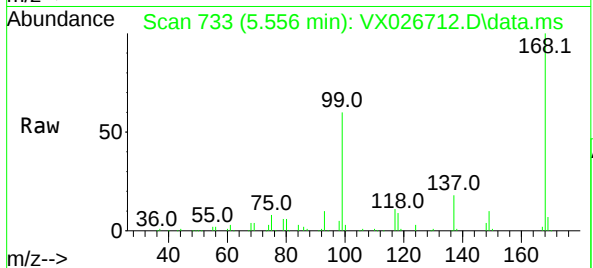
Tgt Ion:	43	Resp:	1761
Ion	Ratio	Lower	Upper
43	100		
72	25.5	20.4	30.6



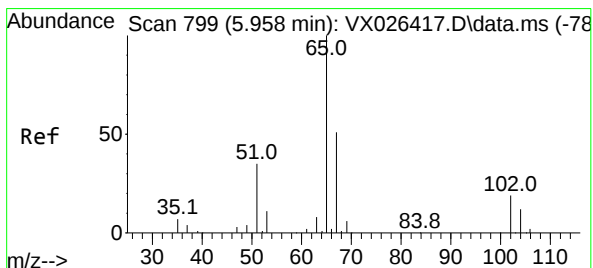
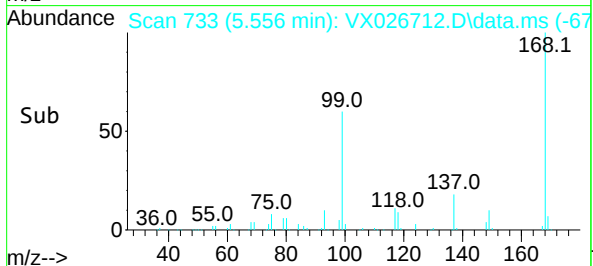
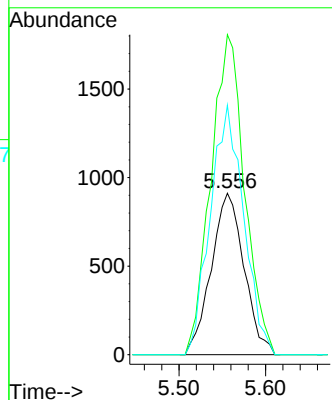


#31
Cyclohexane
Concen: 0.913 ug/l
RT: 5.556 min Scan# 712
Delta R.T. 0.079 min
Lab File: VX026712.D
Acq: 01 Feb 2022 17:16

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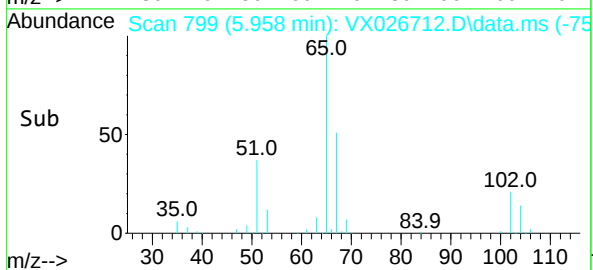
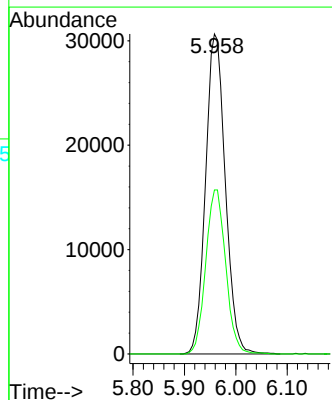
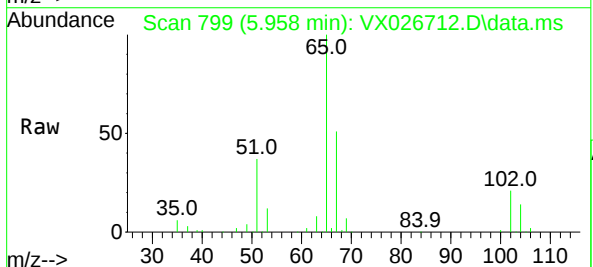


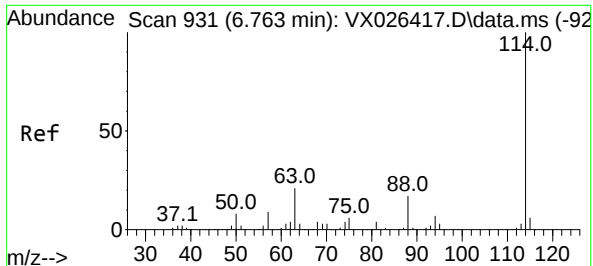
Tgt Ion: 56 Resp: 2403
Ion Ratio Lower Upper
56 100
69 198.1 25.8 38.6#
84 154.5 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 45.797 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026712.D
Acq: 01 Feb 2022 17:16

Tgt Ion: 65 Resp: 81691
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.8

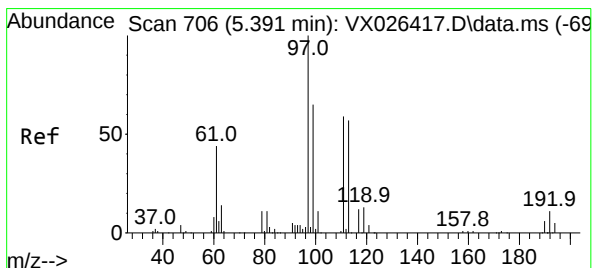
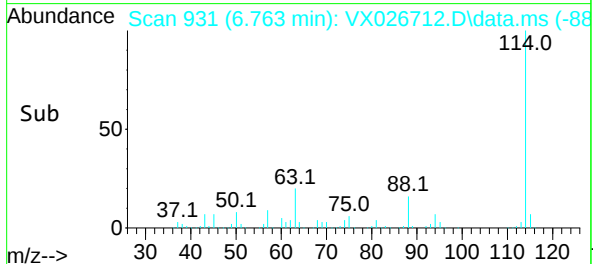
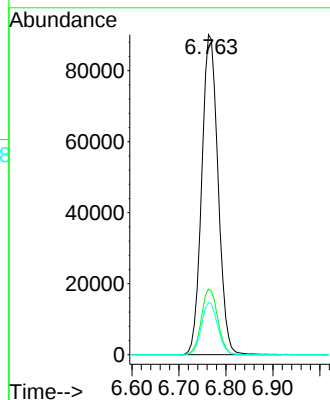
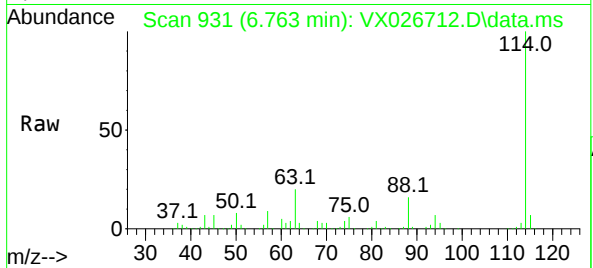




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026712.D
Acq: 01 Feb 2022 17:16

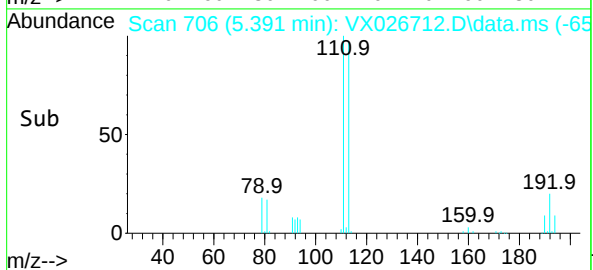
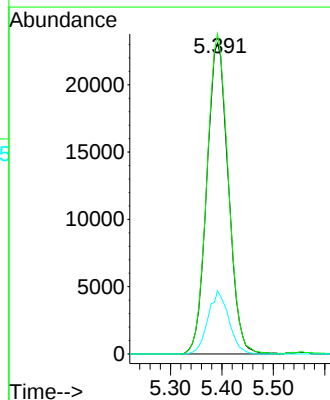
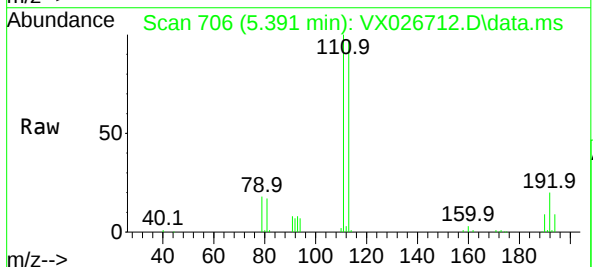
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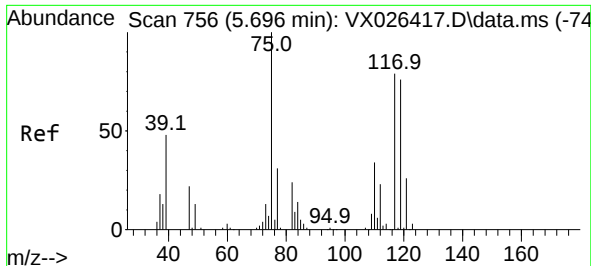
Tgt Ion:114 Resp: 217248
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.8
88 16.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.061 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026712.D
Acq: 01 Feb 2022 17:16

Tgt Ion:113 Resp: 67426
Ion Ratio Lower Upper
113 100
111 101.8 81.2 121.8
192 19.5 15.0 22.4

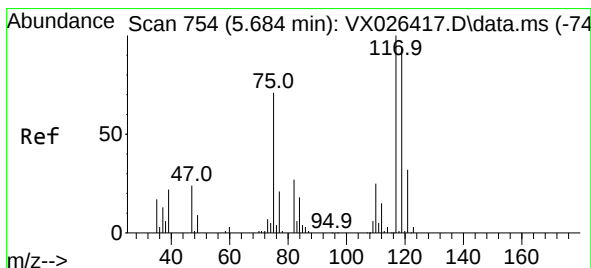
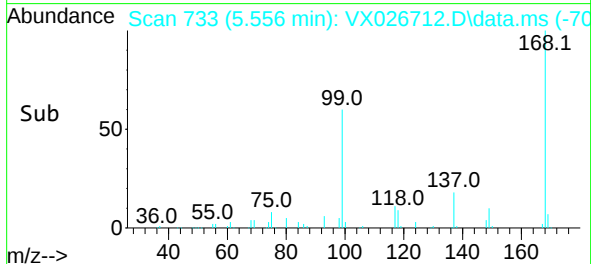
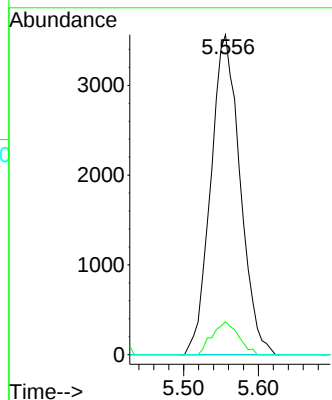
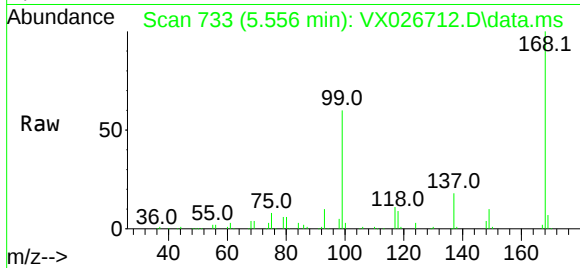




#36
1,1-Dichloropropene
Concen: 4.392 ug/l
RT: 5.556 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX026712.D
Acq: 01 Feb 2022 17:16

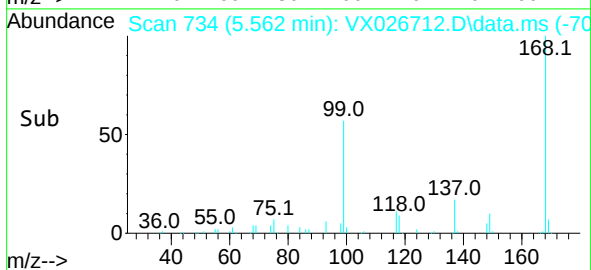
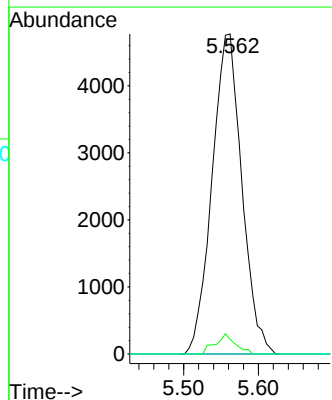
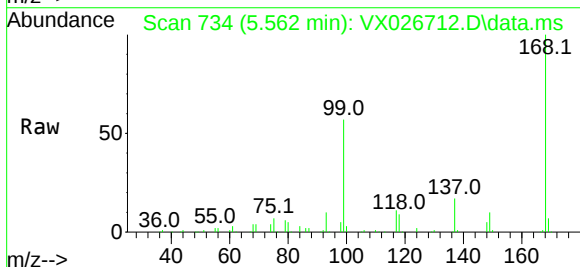
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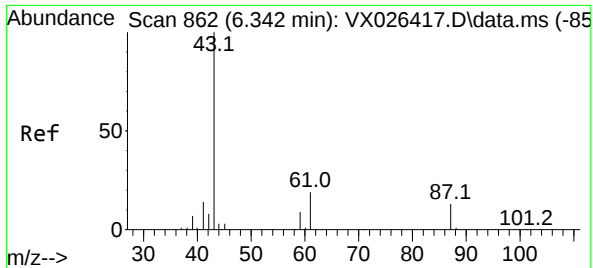
Tgt Ion: 75 Resp: 9726
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.801 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026712.D
Acq: 01 Feb 2022 17:16

Tgt Ion: 117 Resp: 13215
Ion Ratio Lower Upper
117 100
119 4.5 74.7 112.1#
121 0.0 25.4 38.0#

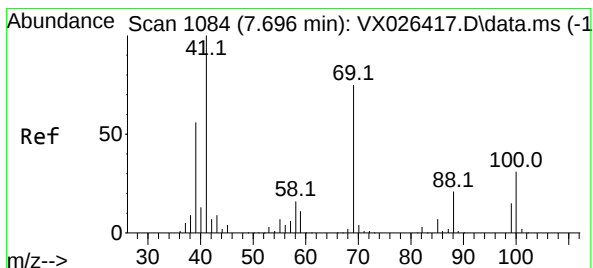
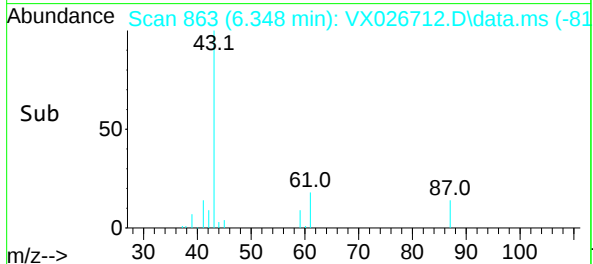
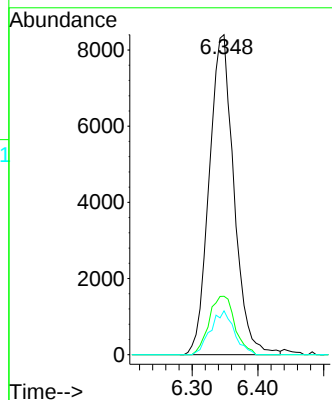
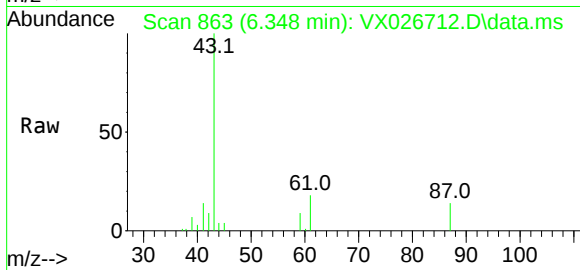




#43
Isopropyl Acetate
Concen: 6.067 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026712.D
Acq: 01 Feb 2022 17:16

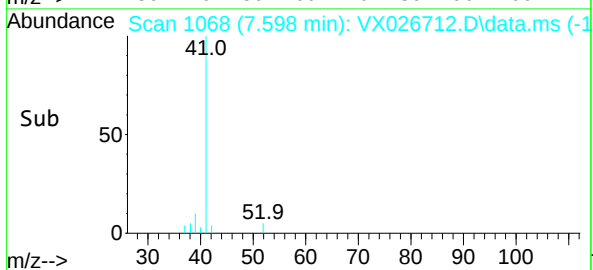
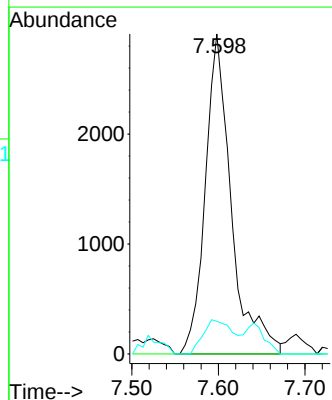
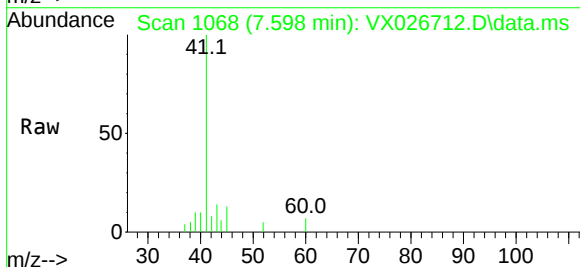
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#05

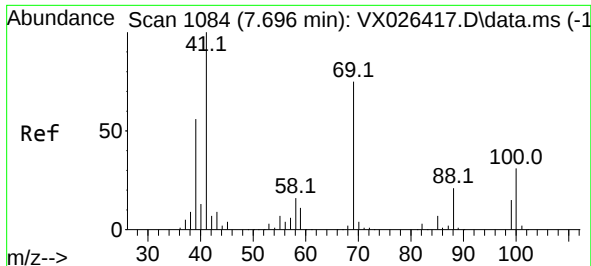
Tgt Ion: 43 Resp: 21955
Ion Ratio Lower Upper
43 100
61 19.0 15.4 23.0
87 13.2 10.2 15.2



#48
Methyl methacrylate
Concen: 3.397 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.097 min
Lab File: VX026712.D
Acq: 01 Feb 2022 17:16

Tgt Ion: 41 Resp: 6092
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: 4.825 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.110 min

Lab File: VX026712.D

Acq: 01 Feb 2022 17:16

Instrument :

MSVOA_X

ClientSampleId :

PB142403ZHE#05

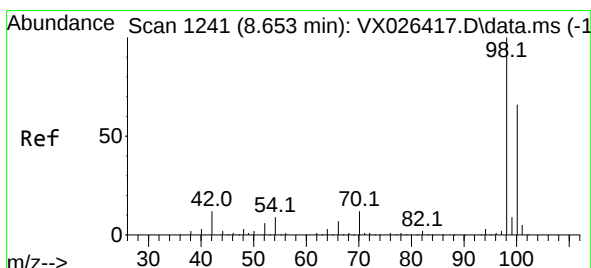
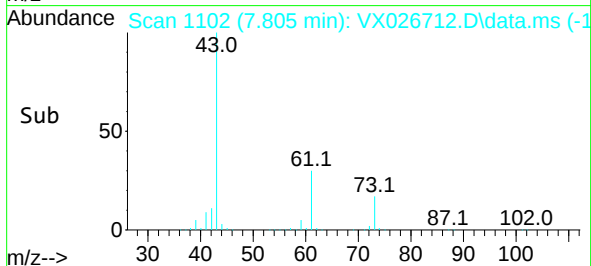
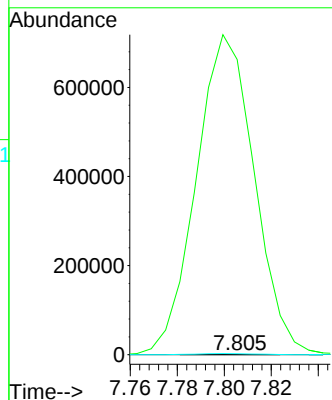
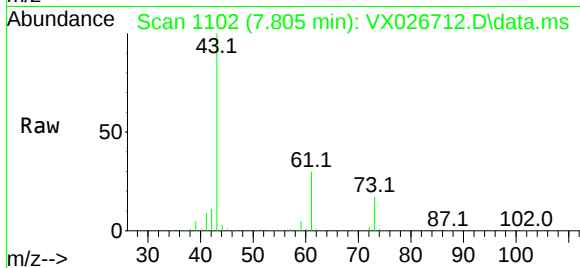
Tgt Ion: 88 Resp: 142

Ion Ratio Lower Upper

88 100

43 875378.2 29.9 44.9#

58 3084.5 57.8 86.6#



#50

Toluene-d8

Concen: 50.432 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026712.D

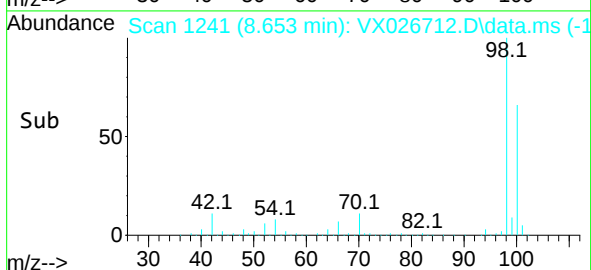
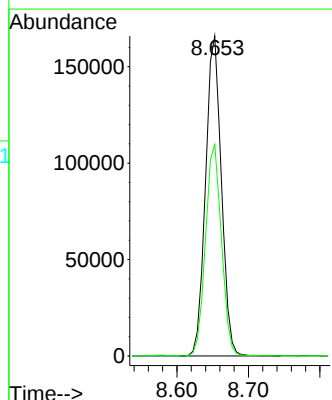
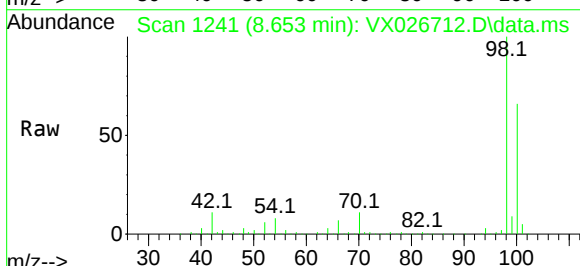
Acq: 01 Feb 2022 17:16

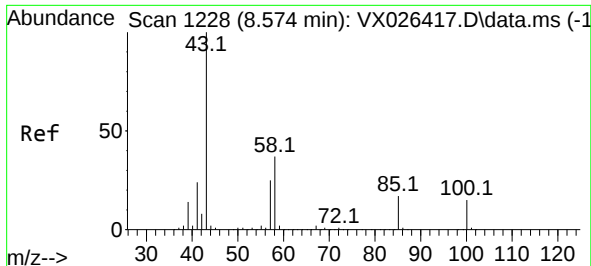
Tgt Ion: 98 Resp: 254958

Ion Ratio Lower Upper

98 100

100 66.8 53.2 79.8

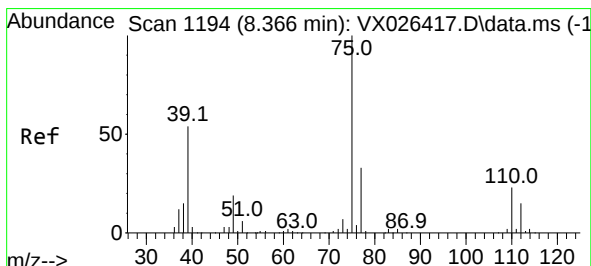
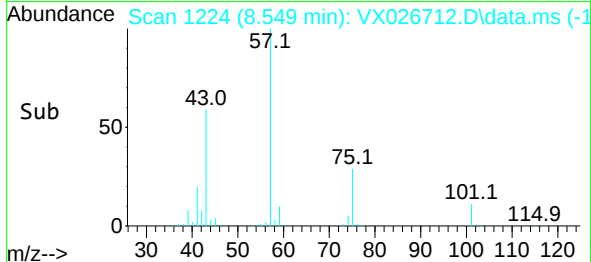
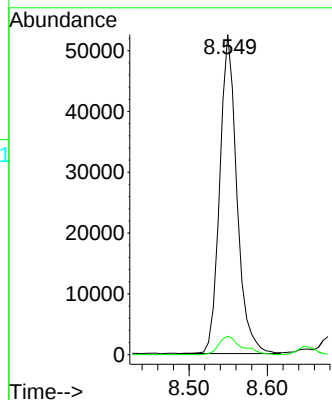
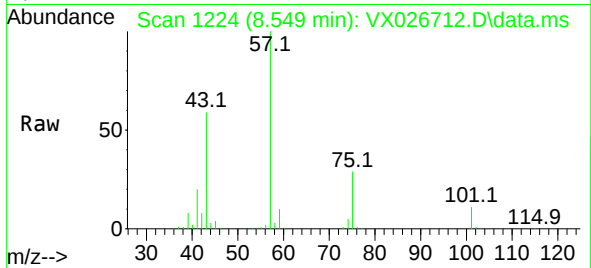




#51
4-Methyl-2-Pentanone
Concen: 37.280 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026712.D
Acq: 01 Feb 2022 17:16

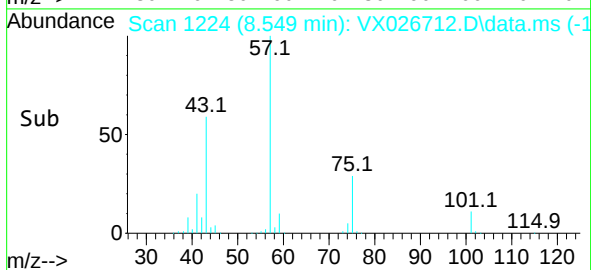
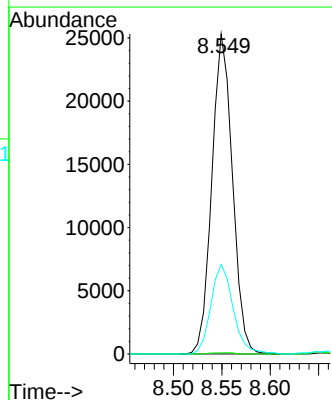
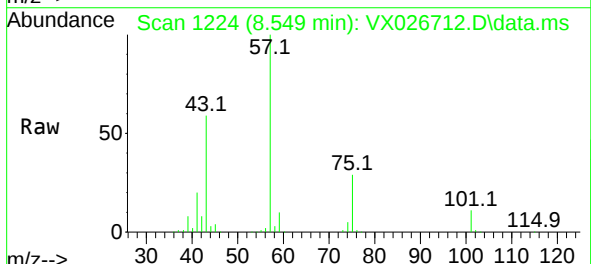
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#05

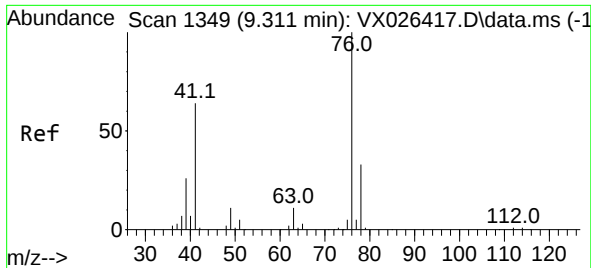
Tgt Ion: 43 Resp: 80021
Ion Ratio Lower Upper
43 100
58 7.7 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 16.015 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026712.D
Acq: 01 Feb 2022 17:16

Tgt Ion: 75 Resp: 37436
Ion Ratio Lower Upper
75 100
77 0.3 26.2 39.2#
39 28.0 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 8.602 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX026712.D

Acq: 01 Feb 2022 17:16

Instrument :

MSVOA_X

ClientSampleId :

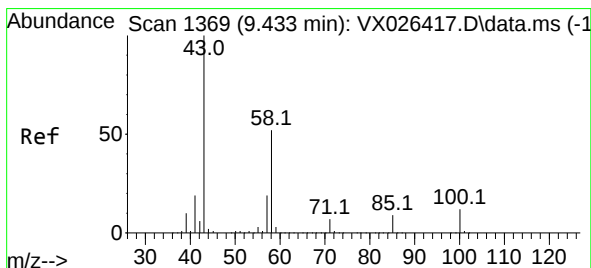
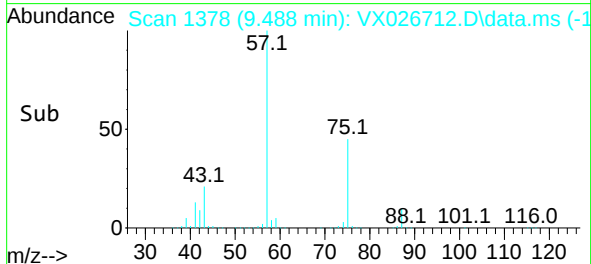
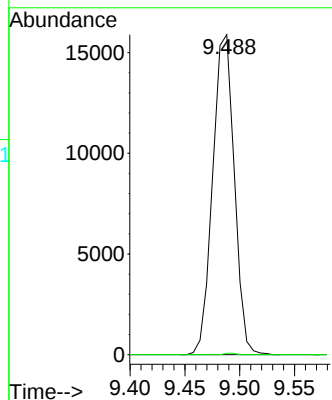
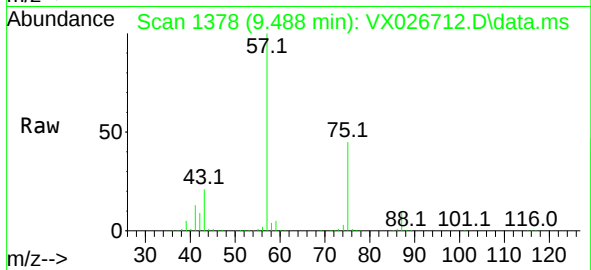
PB142403ZHE#05

Tgt Ion: 76 Resp: 21846

Ion Ratio Lower Upper

76 100

78 0.2 25.7 38.5#



#59

2-Hexanone

Concen: 183.704 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX026712.D

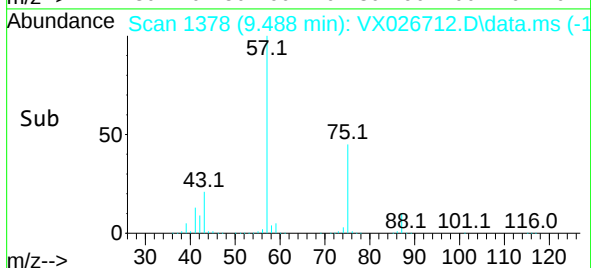
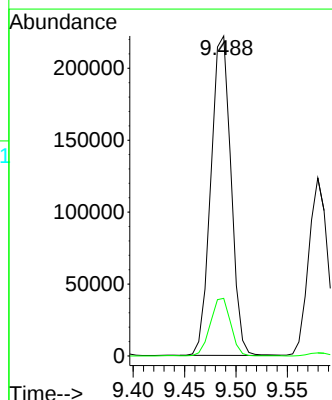
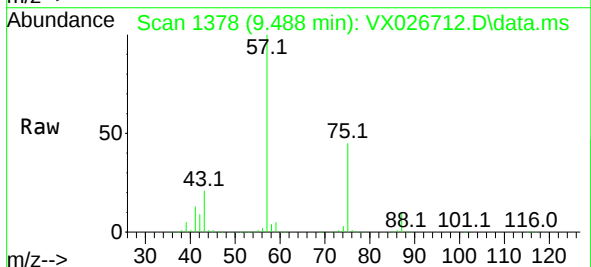
Acq: 01 Feb 2022 17:16

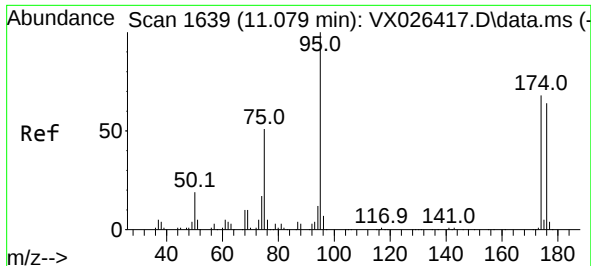
Tgt Ion: 43 Resp: 301805

Ion Ratio Lower Upper

43 100

58 18.3 26.4 79.2#

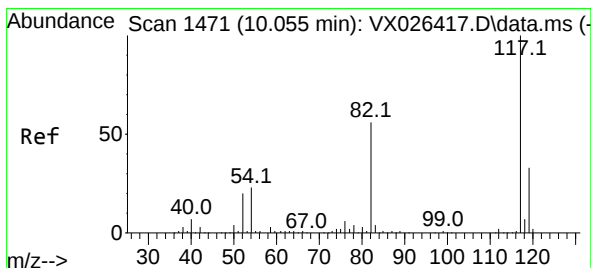
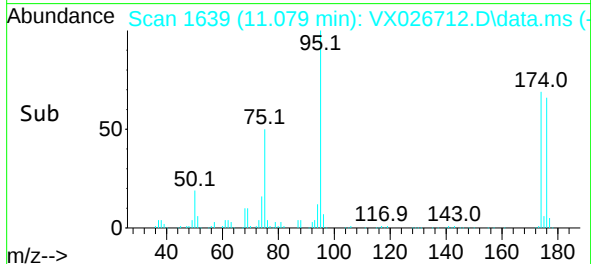
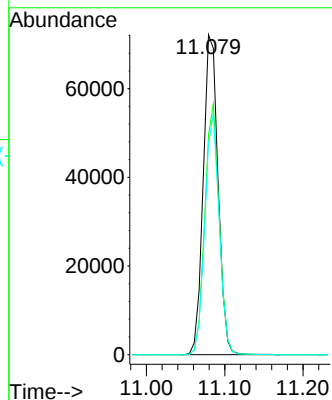
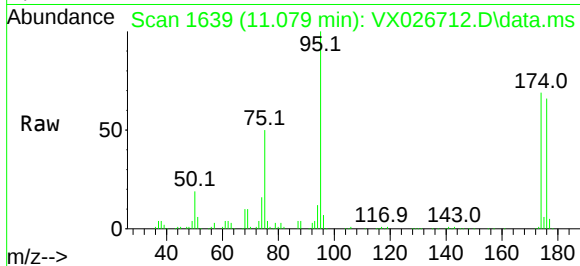




#62
4-Bromofluorobenzene
Concen: 52.699 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026712.D
Acq: 01 Feb 2022 17:16

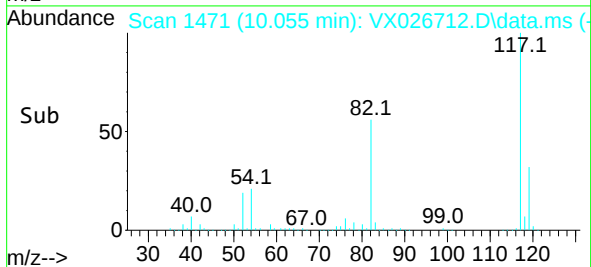
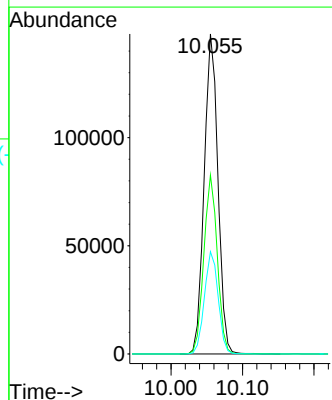
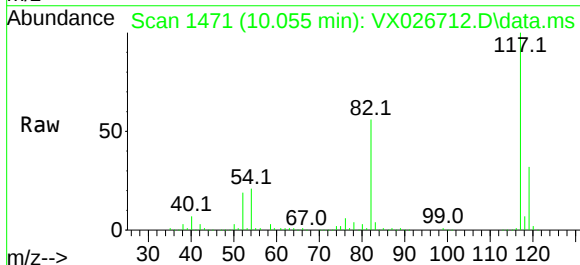
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#05

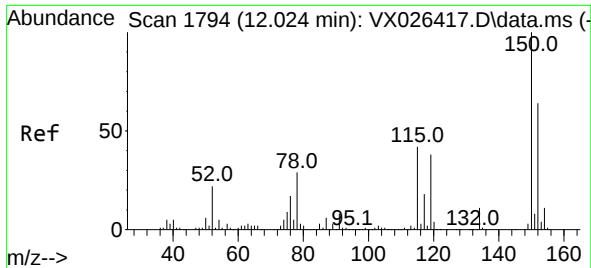
Tgt Ion: 95 Resp: 94643
Ion Ratio Lower Upper
95 100
174 76.3 0.0 148.6
176 73.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026712.D
Acq: 01 Feb 2022 17:16

Tgt Ion: 117 Resp: 197402
Ion Ratio Lower Upper
117 100
82 55.9 45.2 67.8
119 31.9 26.2 39.2

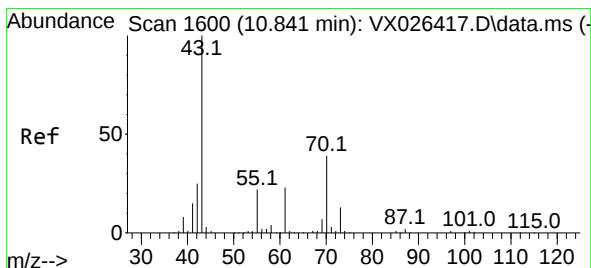
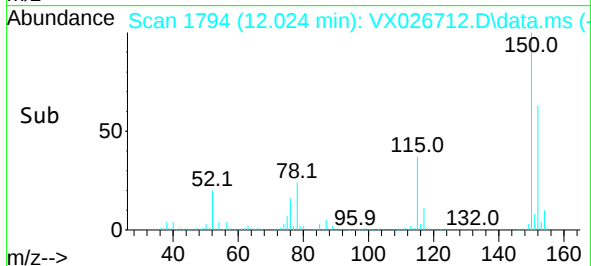
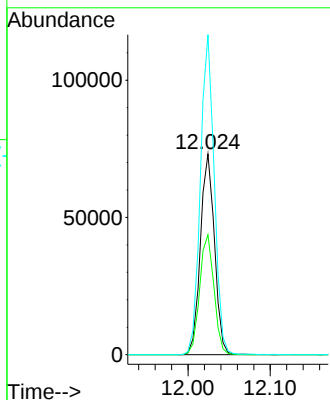
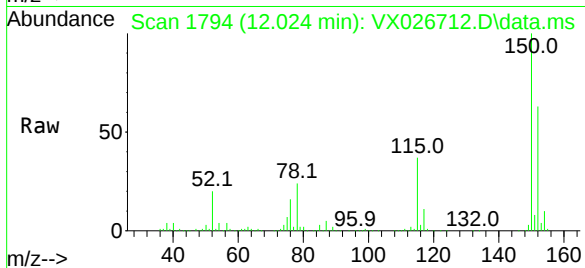




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026712.D
Acq: 01 Feb 2022 17:16

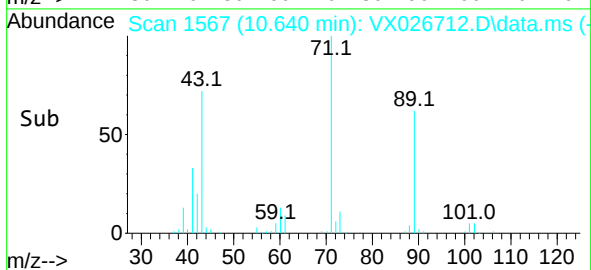
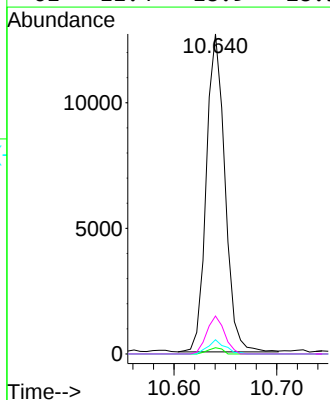
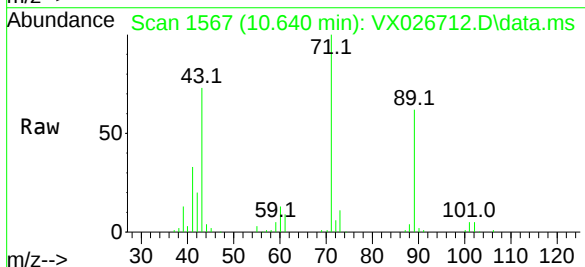
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#05

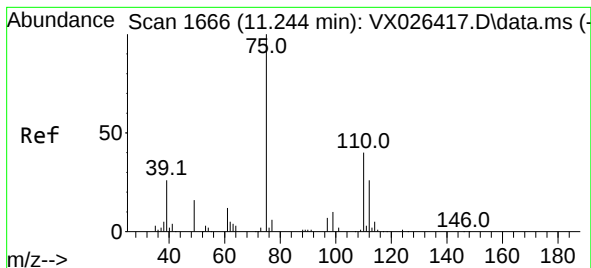
Tgt Ion:152 Resp: 87108
Ion Ratio Lower Upper
152 100
115 60.6 44.2 132.6
150 156.6 0.0 348.2



#74
N-ethyl acetate
Concen: 5.790 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX026712.D
Acq: 01 Feb 2022 17:16

Tgt Ion: 43 Resp: 15961
Ion Ratio Lower Upper
43 100
70 1.6 32.9 49.3#
55 4.1 18.3 27.5#
61 11.4 18.9 28.3#





#76

1,2,3-Trichloropropane

Concen: 24.320 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.165 min

Lab File: VX026712.D

Acq: 01 Feb 2022 17:16

Instrument :

MSVOA_X

ClientSampleId :

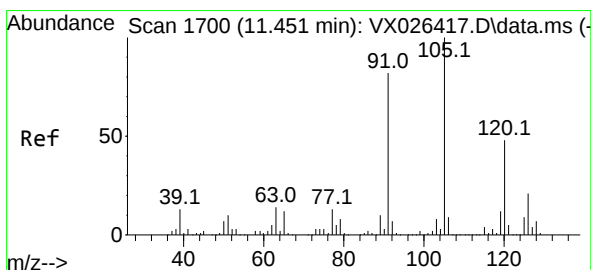
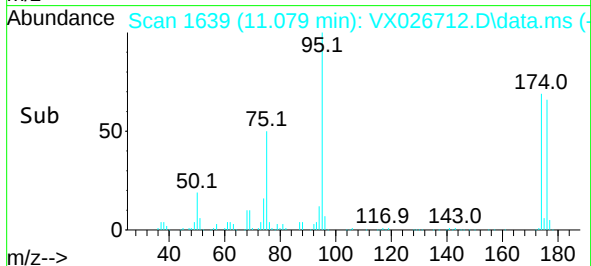
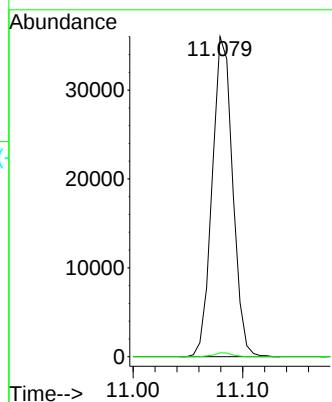
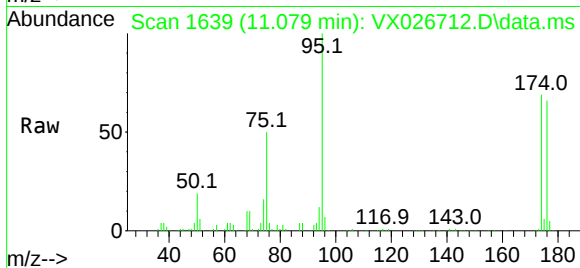
PB142403ZHE#05

Tgt Ion: 75 Resp: 46644

Ion Ratio Lower Upper

75 100

77 1.1 18.3 54.8#



#80

1,3,5-Trimethylbenzene

Concen: 0.691 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX026712.D

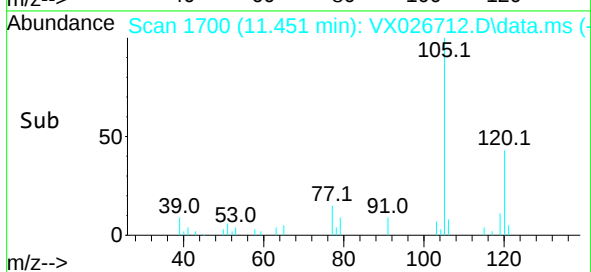
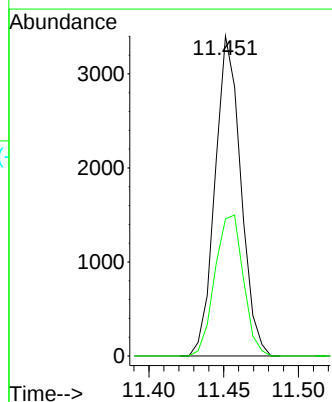
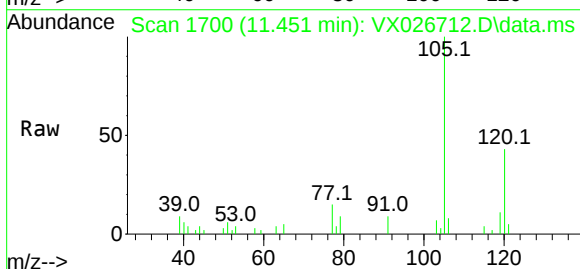
Acq: 01 Feb 2022 17:16

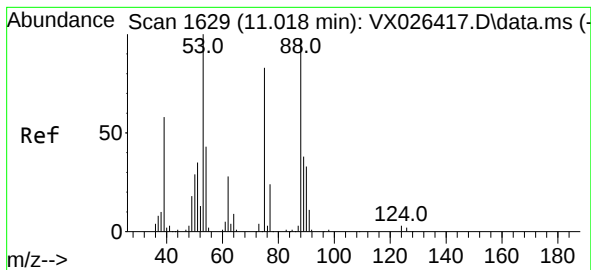
Tgt Ion: 105 Resp: 4070

Ion Ratio Lower Upper

105 100

120 48.6 24.0 72.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.059 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX026712.D
 Acq: 01 Feb 2022 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#05

Tgt Ion: 75 Resp: 46644
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

