

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026854.D
 Acq On : 09 Feb 2022 04:20
 Operator : JC/MD
 Sample : PB142539ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142539ZHE#07

Quant Time: Feb 09 05:22:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

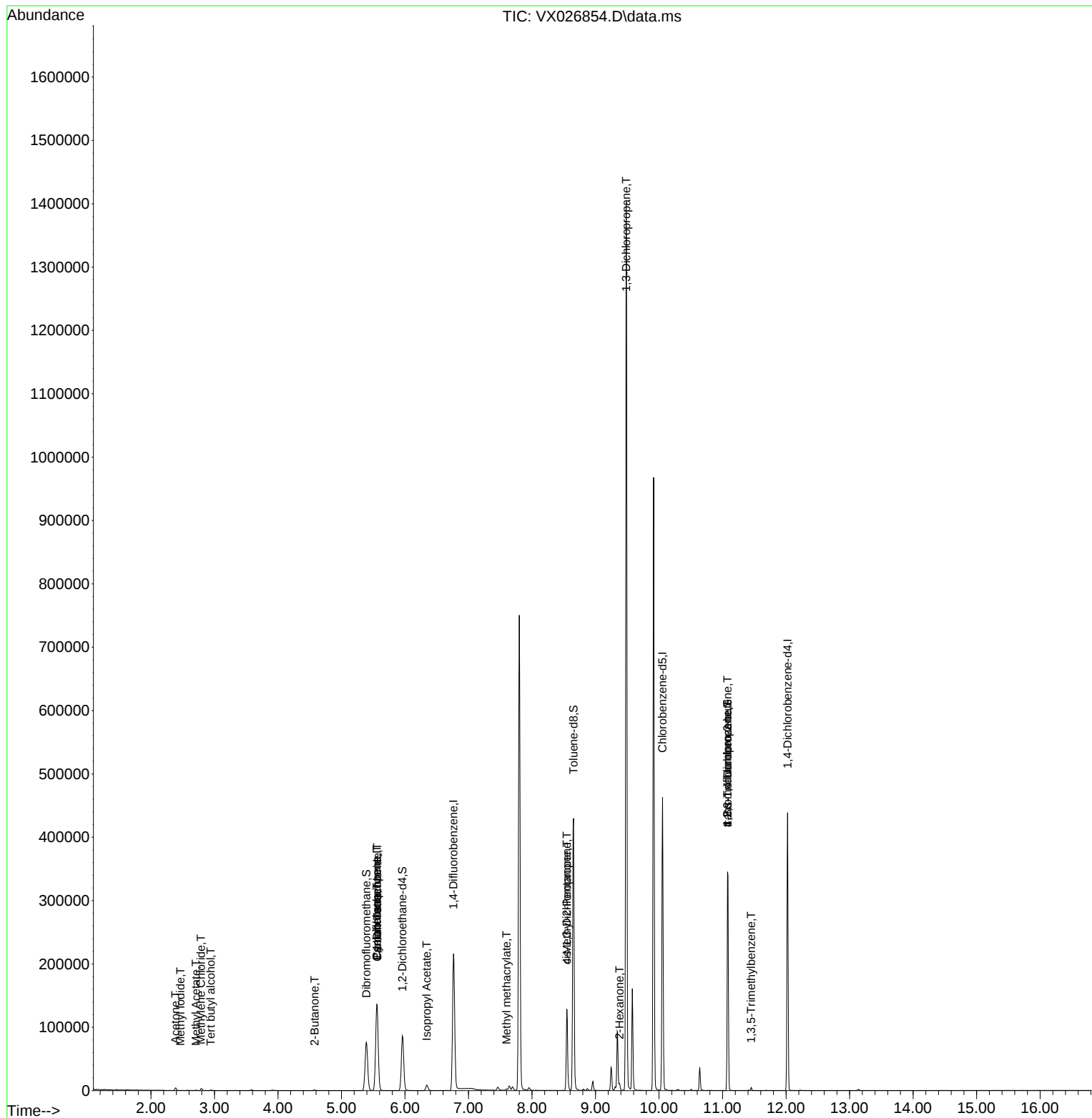
Internal Standards						
1) Pentafluorobenzene	5.556	168	129884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218769	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84417	54.144	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.280%
35) Dibromofluoromethane	5.391	113	67642	51.897	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.800%
50) Toluene-d8	8.653	98	258474	54.025	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.040%
62) 4-Bromofluorobenzene	11.079	95	97385	57.816	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.640%
Target Compounds						
					Qvalue	
6) Chloroethane	1.678	64	41	Below Cal	#	43
10) Methyl Iodide	2.465	142	20	2.264	ug/l #	37
11) Tert butyl alcohol	2.940	59	306	1.086	ug/l #	75
16) Acetone	2.386	43	5141	7.508	ug/l	99
18) Methyl Acetate	2.709	43	916	0.465	ug/l #	76
20) Methylene Chloride	2.788	84	1515	1.021	ug/l #	91
25) 2-Butanone	4.574	43	1057	0.958	ug/l	90
31) Cyclohexane	5.556	56	2514	1.015	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9930	4.829	ug/l #	51
38) Carbon Tetrachloride	5.562	117	13521	6.271	ug/l #	18
43) Isopropyl Acetate	6.342	43	12088	3.362	ug/l	99
48) Methyl methacrylate	7.598	41	3297	1.851	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	43601	20.012	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	20465	9.225	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	12226	4.957	ug/l #	43
59) 2-Hexanone	9.378	43	5767	3.619	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	47514	24.708	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	2120	0.372	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	47514	75.405	ug/l #	3

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

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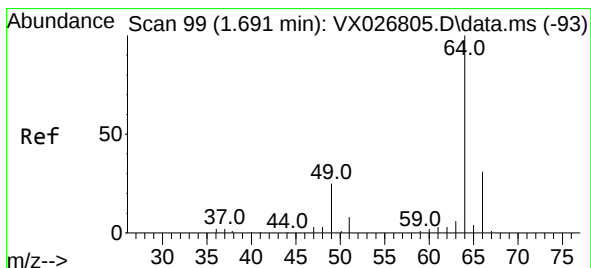
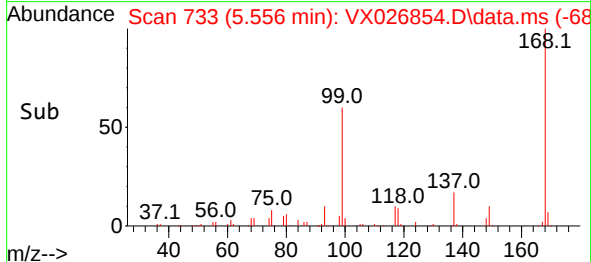
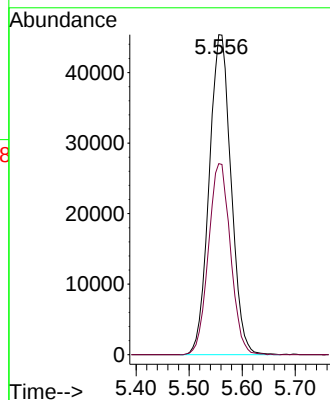
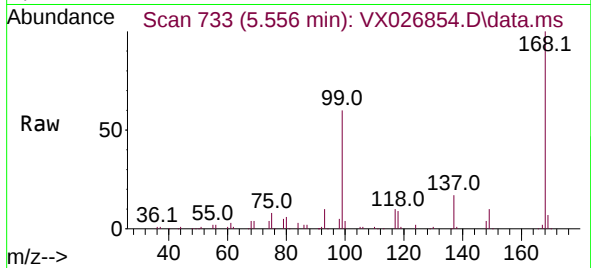




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

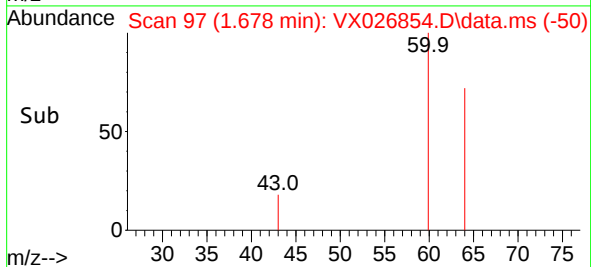
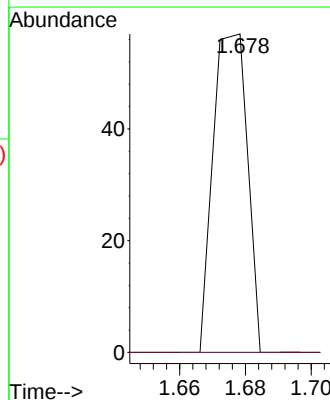
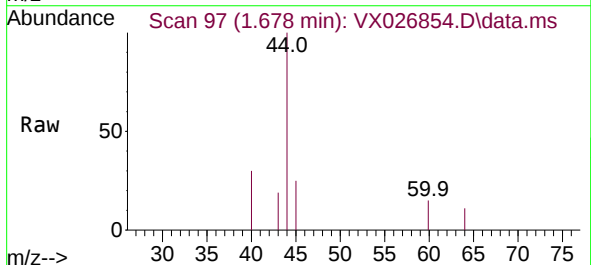
Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#07

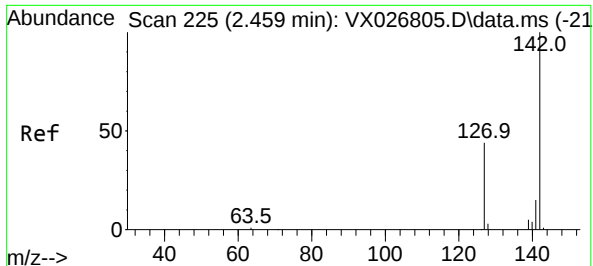
Tgt Ion:168 Resp: 129884
Ion Ratio Lower Upper
168 100
99 59.7 50.3 75.5



#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 97
Delta R.T. -0.013 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

Tgt Ion: 64 Resp: 41
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

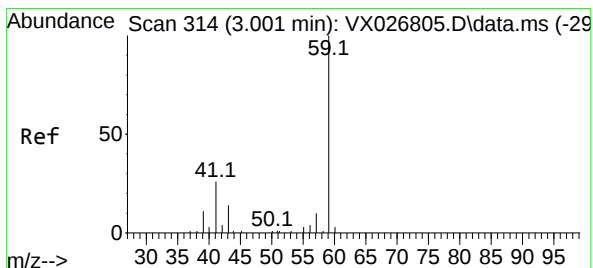
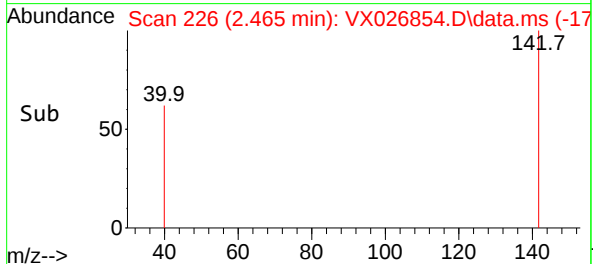
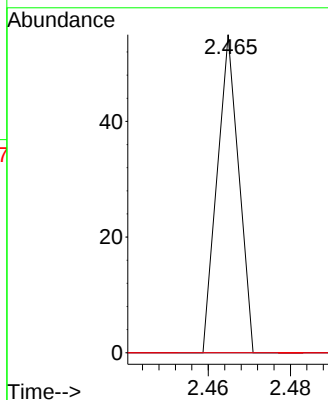
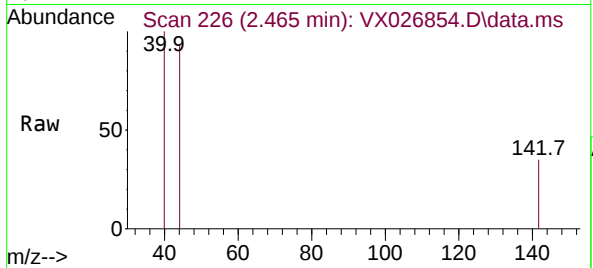




#10
Methyl Iodide
Concen: 2.264 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

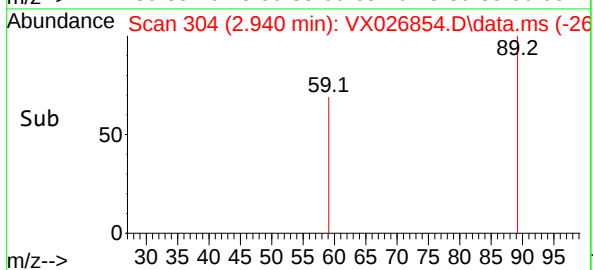
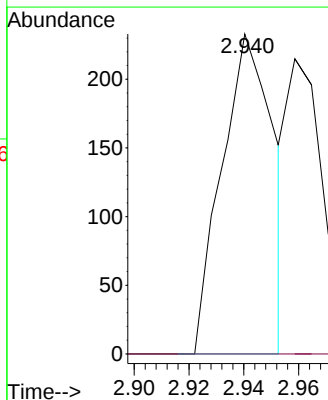
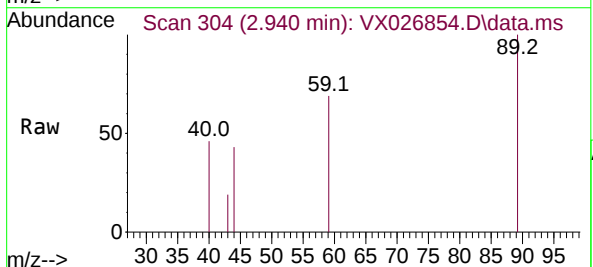
Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#07

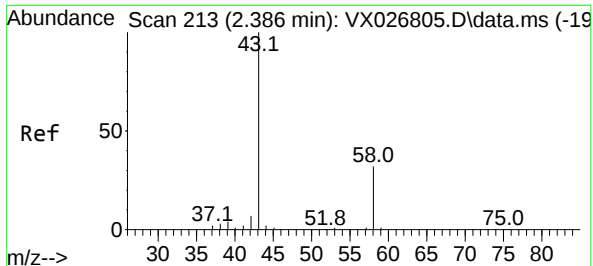
Tgt Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 1.086 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

Tgt Ion: 59 Resp: 306
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

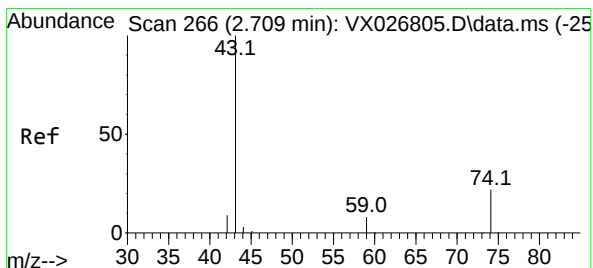
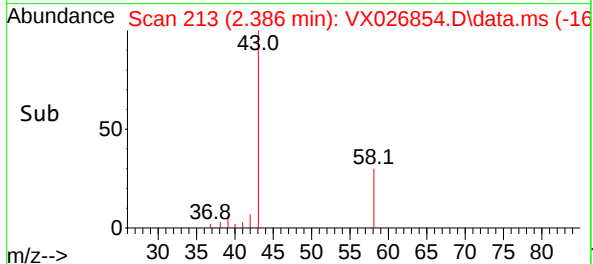
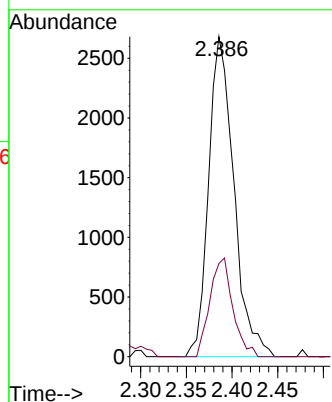
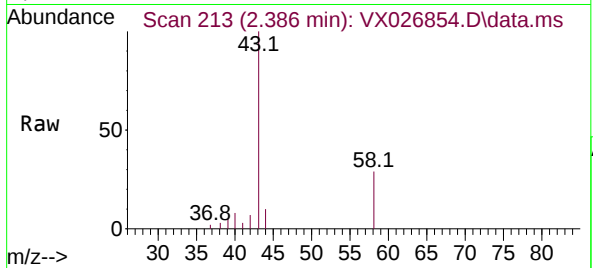




#16
Acetone
Concen: 7.508 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

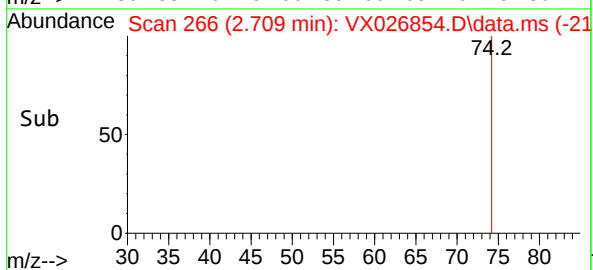
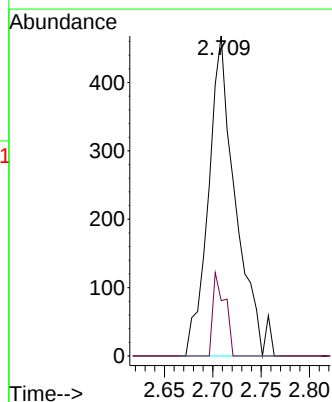
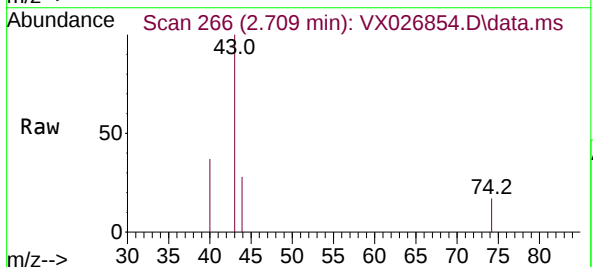
Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#07

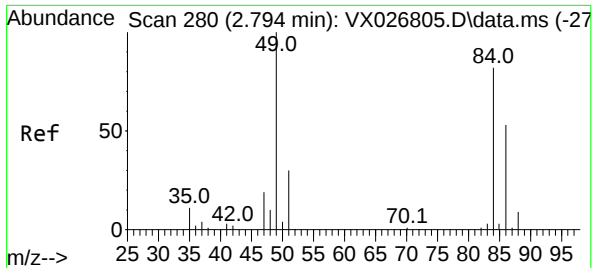
Tgt Ion: 43 Resp: 5141
Ion Ratio Lower Upper
43 100
58 29.1 23.0 34.6



#18
Methyl Acetate
Concen: 0.465 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

Tgt Ion: 43 Resp: 916
Ion Ratio Lower Upper
43 100
74 11.5 18.3 27.5#

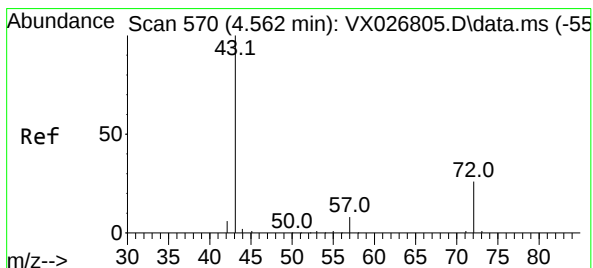
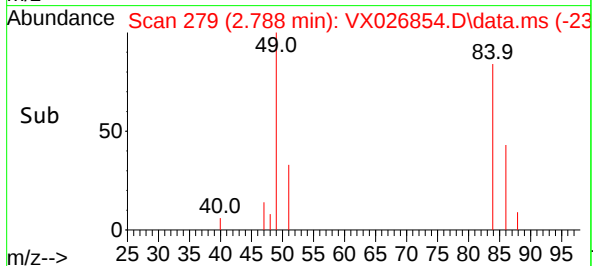
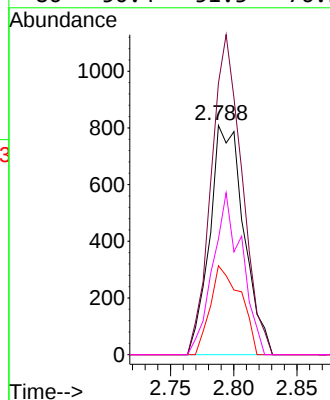
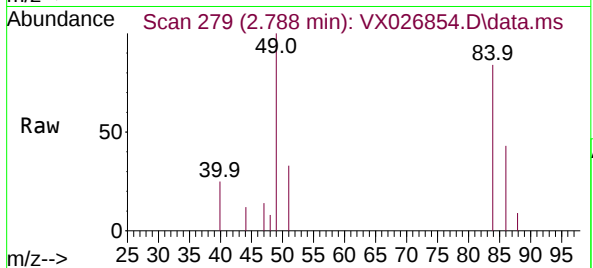




#20
Methylene Chloride
Concen: 1.021 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

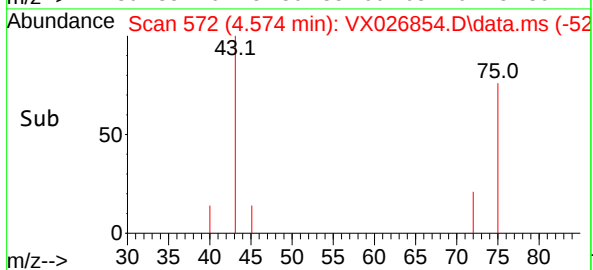
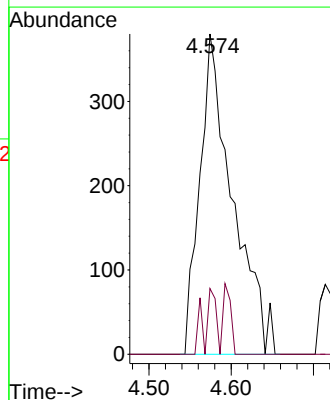
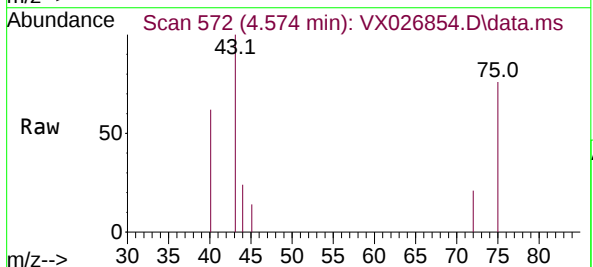
Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#07

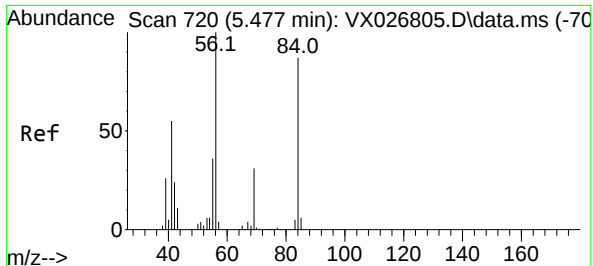
Tgt Ion: 84	Resp: 1515
Ion Ratio	Lower Upper
84	100
49	118.4 101.5 152.3
51	38.8 31.2 46.8
86	50.4 51.3 76.9#



#25
2-Butanone
Concen: 0.958 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

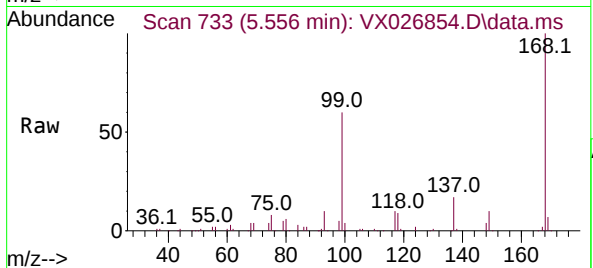
Tgt Ion: 43	Resp: 1057
Ion Ratio	Lower Upper
43	100
72	20.5 20.4 30.6



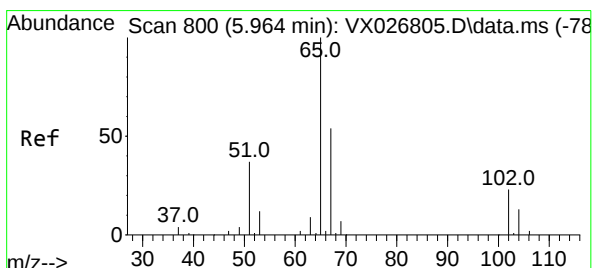
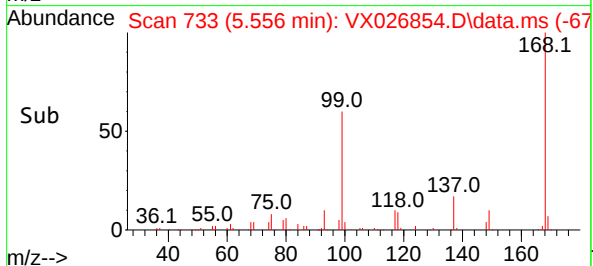
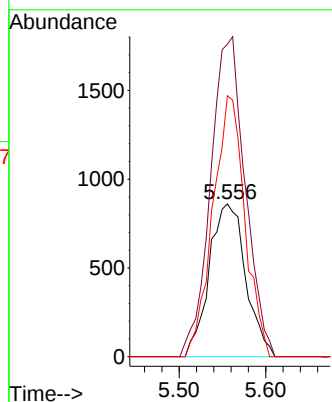


#31
Cyclohexane
Concen: 1.015 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#07

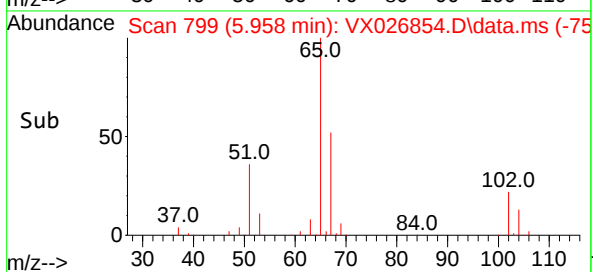
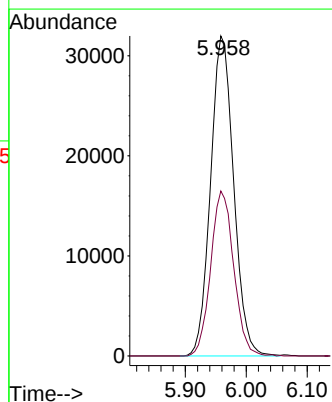
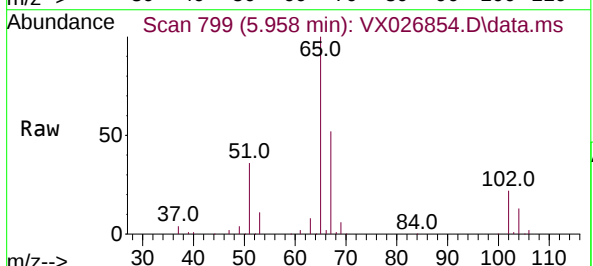


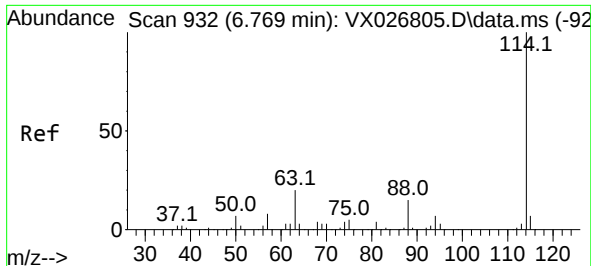
Tgt Ion: 56 Resp: 2514
Ion Ratio Lower Upper
56 100
69 204.5 25.8 38.6#
84 170.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 54.144 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

Tgt Ion: 65 Resp: 84417
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.8

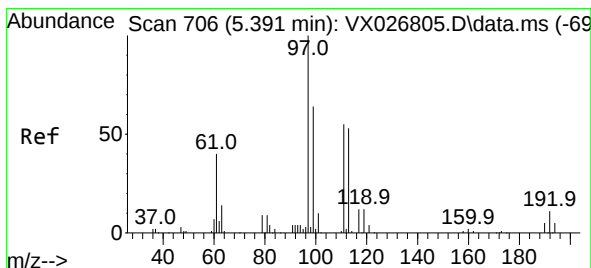
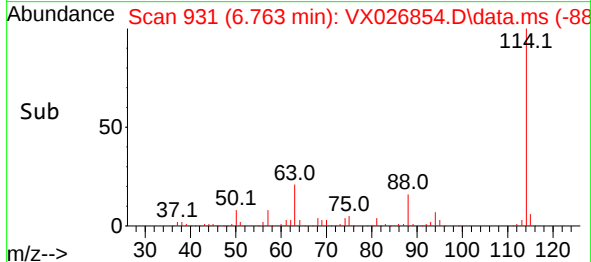
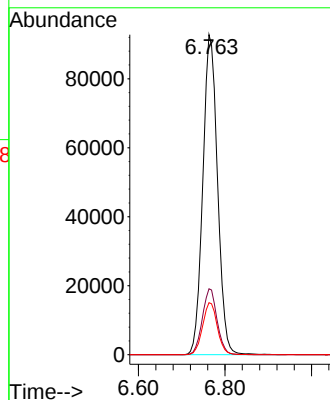
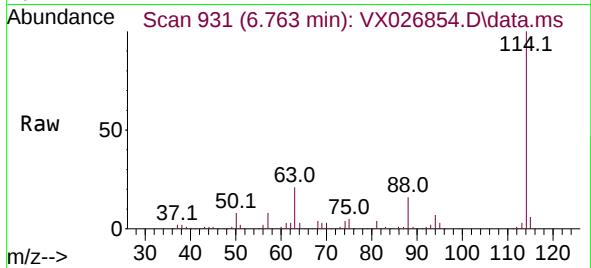




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

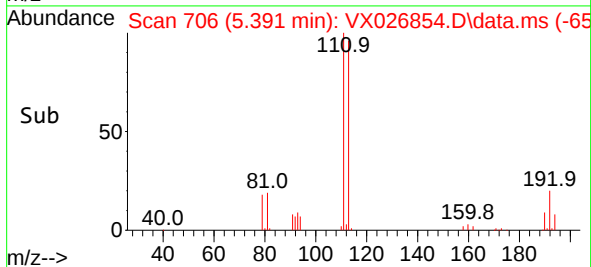
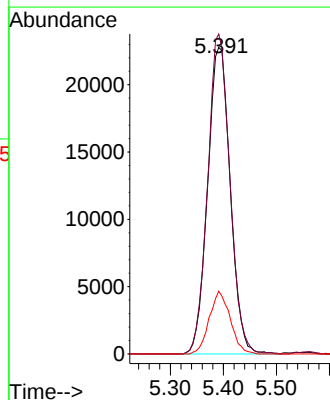
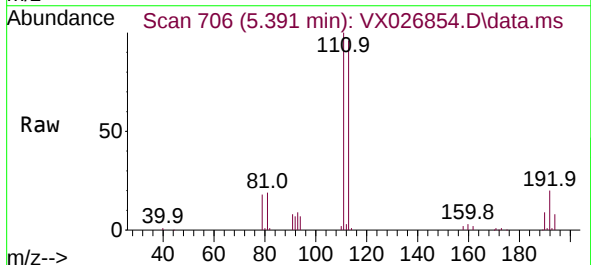
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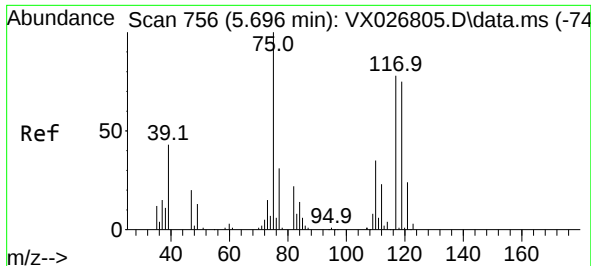
Tgt Ion:114 Resp: 218769
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.8
88 16.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.897 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

Tgt Ion:113 Resp: 67642
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 18.9 15.0 22.4

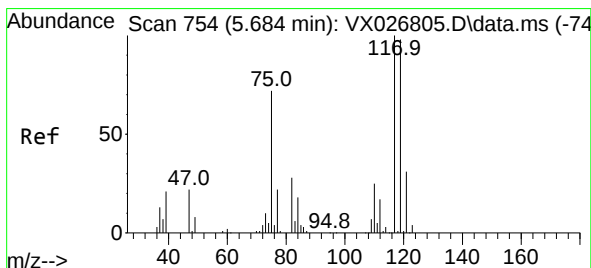
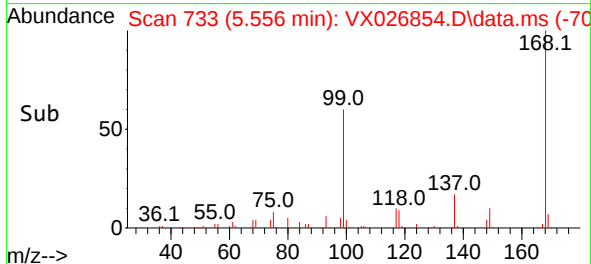
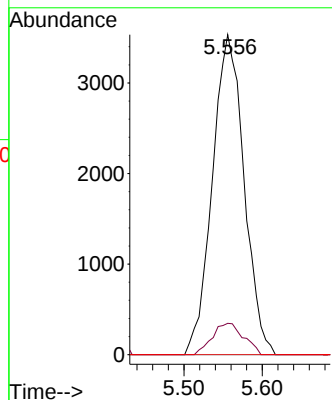
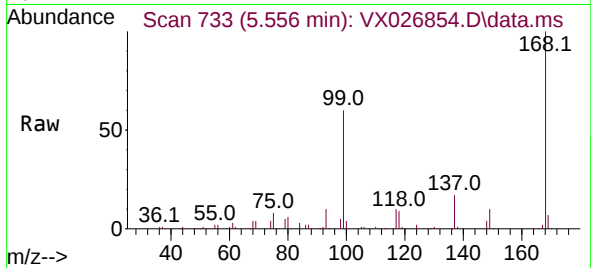




#36
1,1-Dichloropropene
Concen: 4.829 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

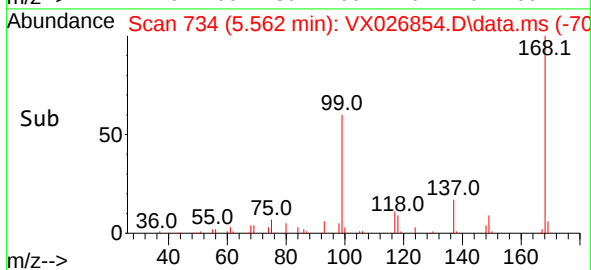
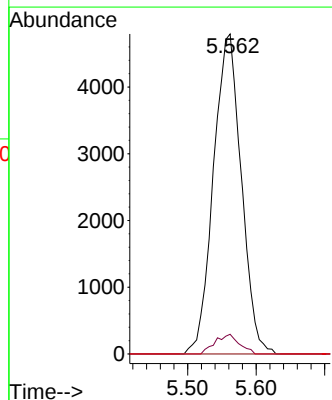
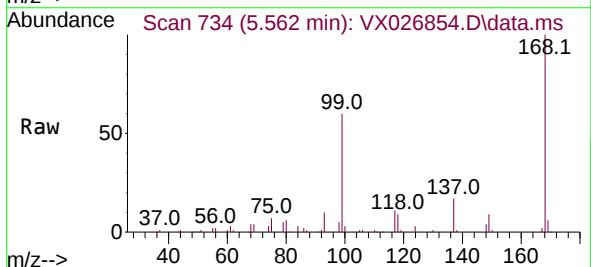
Instrument :
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PB142539ZHE#07

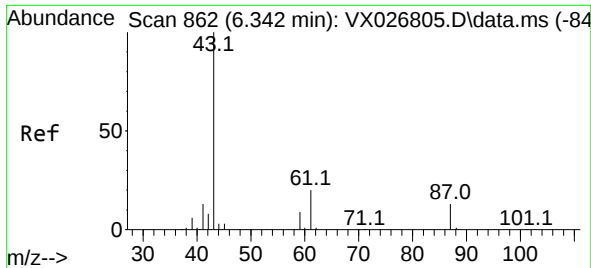
Tgt Ion: 75 Resp: 9930
Ion Ratio Lower Upper
75 100
110 9.7 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.271 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

Tgt Ion: 117 Resp: 13521
Ion Ratio Lower Upper
117 100
119 6.2 74.7 112.1#
121 0.0 25.4 38.0#

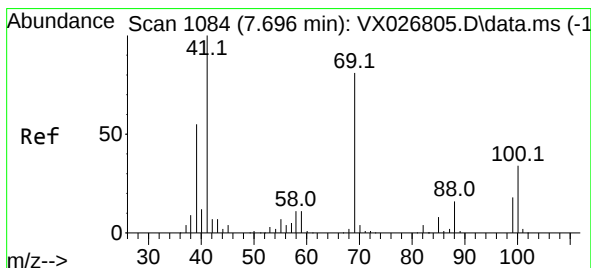
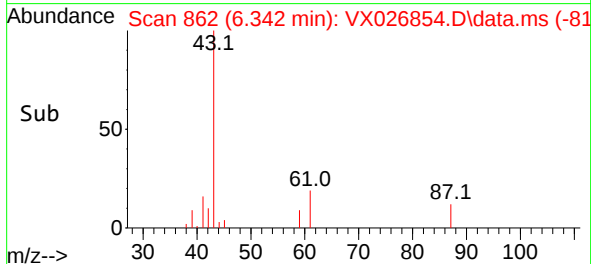
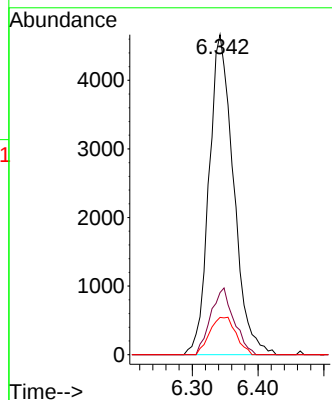
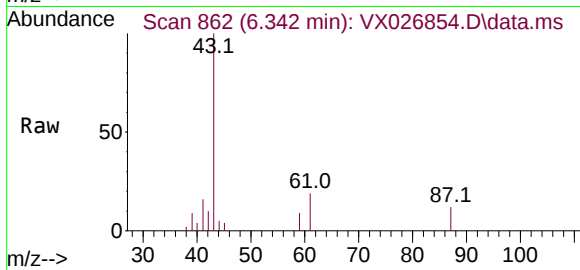




#43
Isopropyl Acetate
Concen: 3.362 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

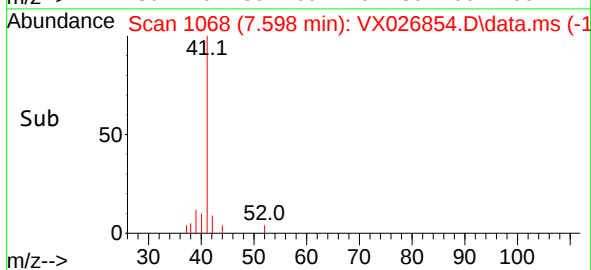
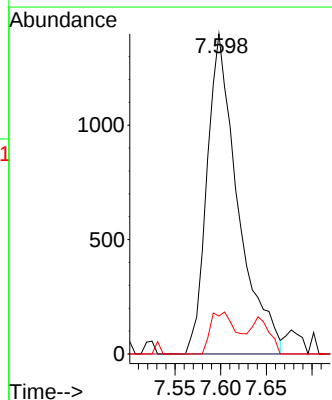
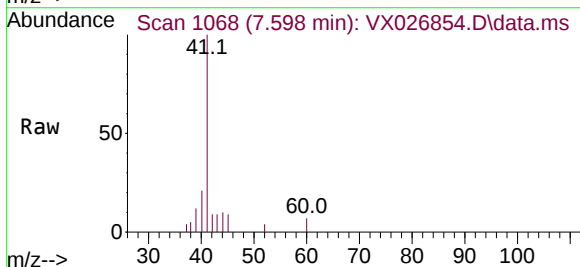
Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#07

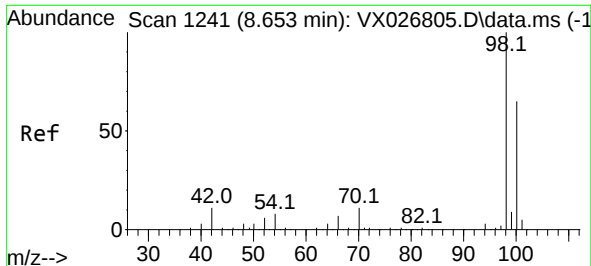
Tgt Ion: 43 Resp: 12088
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.0
87 12.5 10.2 15.2



#48
Methyl methacrylate
Concen: 1.851 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

Tgt Ion: 41 Resp: 3297
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#

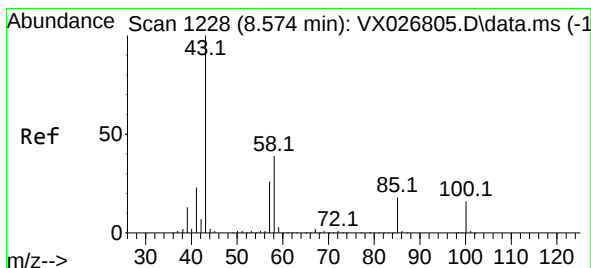
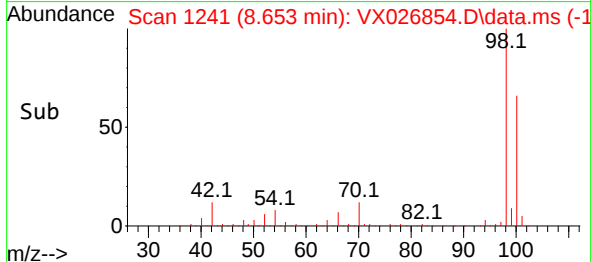
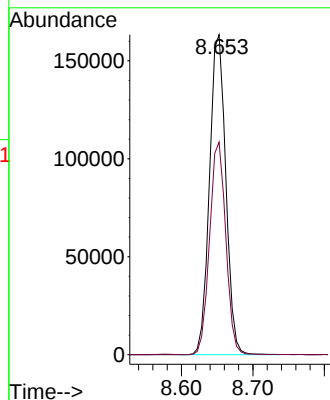
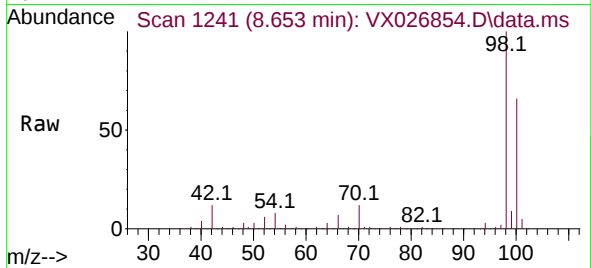




#50
Toluene-d8
Concen: 54.025 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

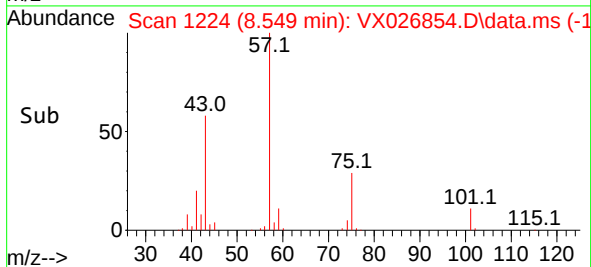
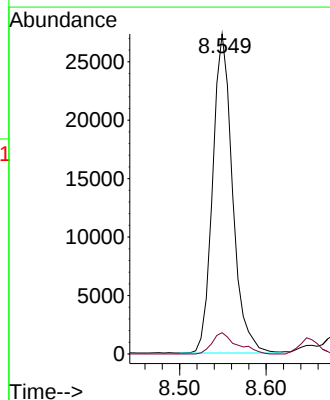
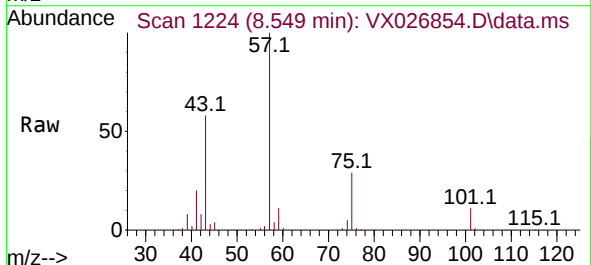
Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#07

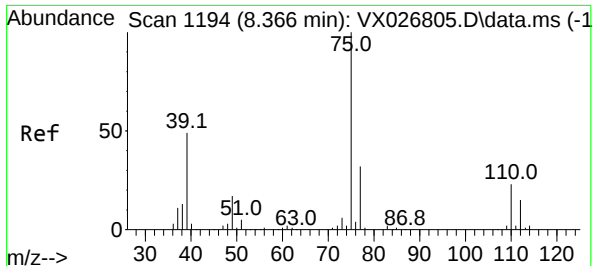
Tgt Ion: 98 Resp: 258474
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 20.012 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

Tgt Ion: 43 Resp: 43601
Ion Ratio Lower Upper
43 100
58 8.2 30.5 45.7#





#54

cis-1,3-Dichloropropene

Concen: 9.225 ug/l

RT: 8.549 min Scan# 1194

Delta R.T. 0.183 min

Lab File: VX026854.D

Acq: 09 Feb 2022 04:20

Instrument :

MSVOA_X

ClientSampleId :

PB142539ZHE#07

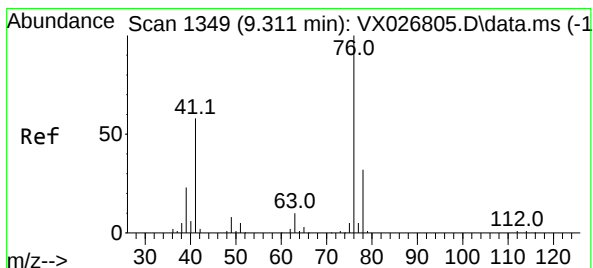
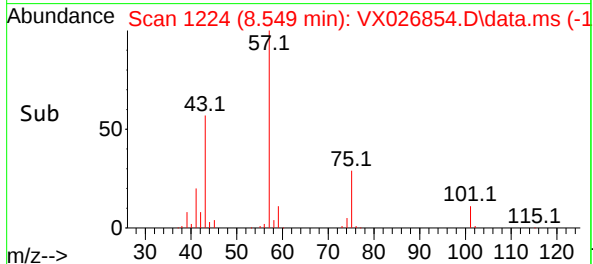
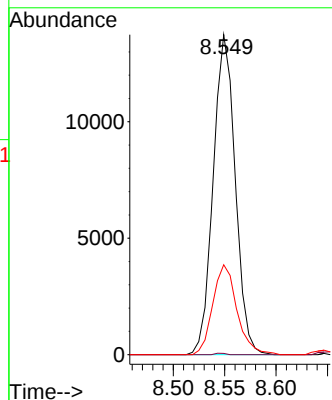
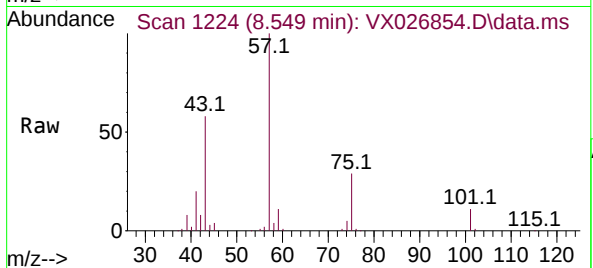
Tgt Ion: 75 Resp: 20465

Ion Ratio Lower Upper

75 100

77 0.4 26.2 39.2#

39 28.1 43.5 65.3#



#57

1,3-Dichloropropane

Concen: 4.957 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026854.D

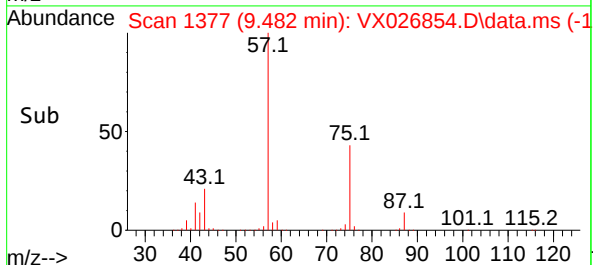
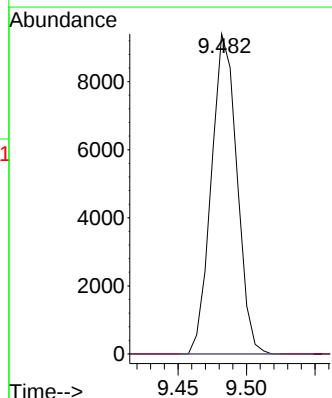
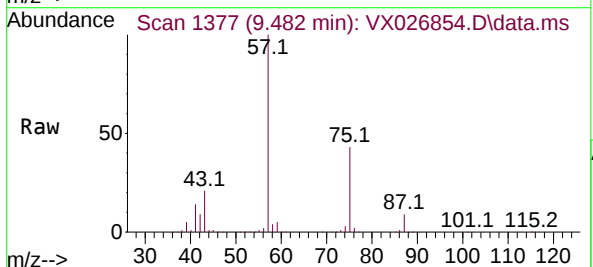
Acq: 09 Feb 2022 04:20

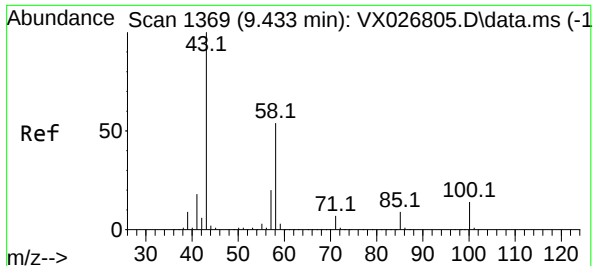
Tgt Ion: 76 Resp: 12226

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#

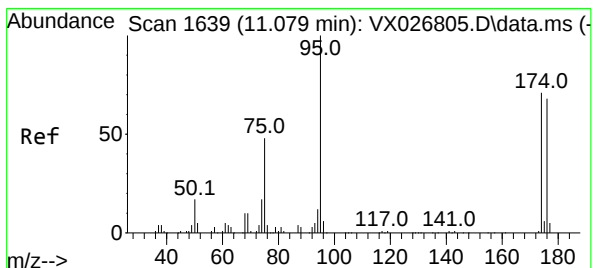
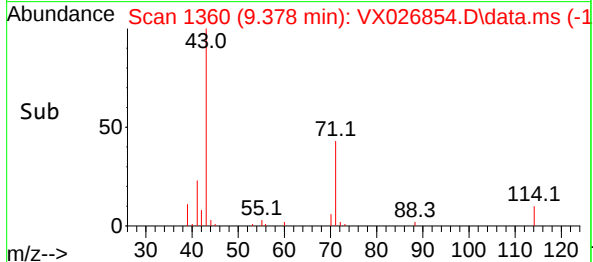
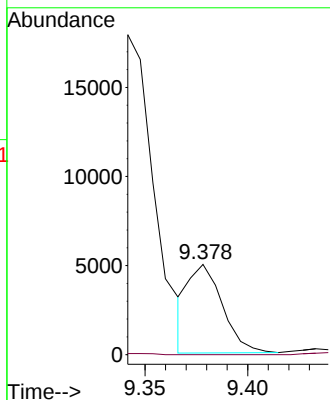
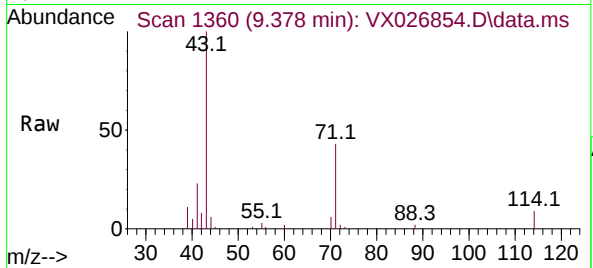




#59
2-Hexanone
Concen: 3.619 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

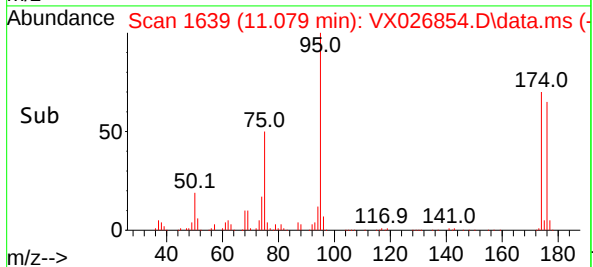
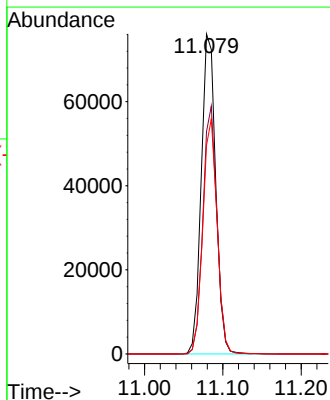
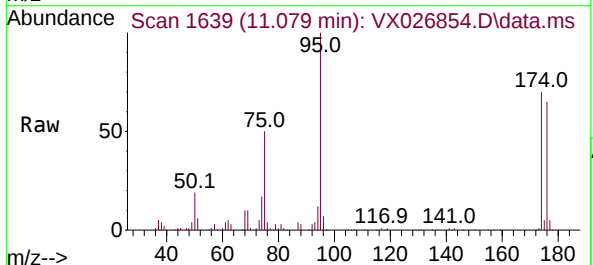
Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#07

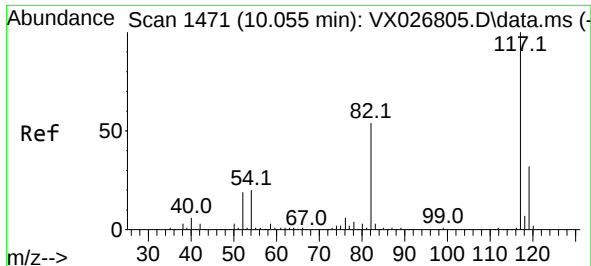
Tgt Ion: 43 Resp: 5767
Ion Ratio Lower Upper
43 100
58 0.0 26.4 79.2#



#62
4-Bromofluorobenzene
Concen: 57.816 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

Tgt Ion: 95 Resp: 97385
Ion Ratio Lower Upper
95 100
174 75.1 0.0 148.6
176 72.5 0.0 141.4

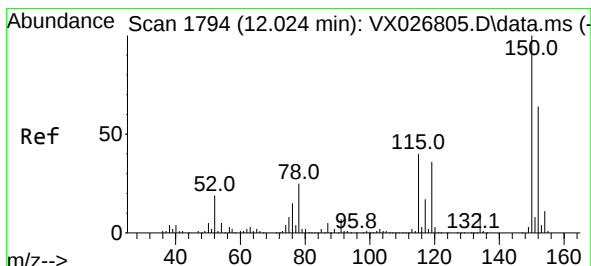
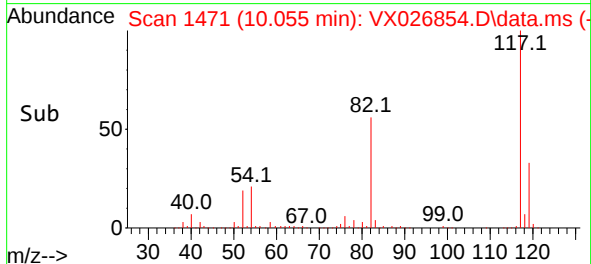
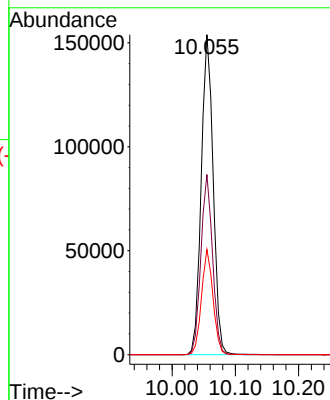
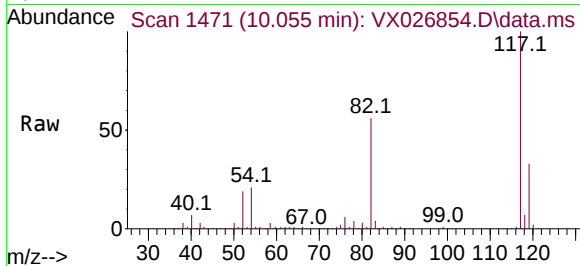




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

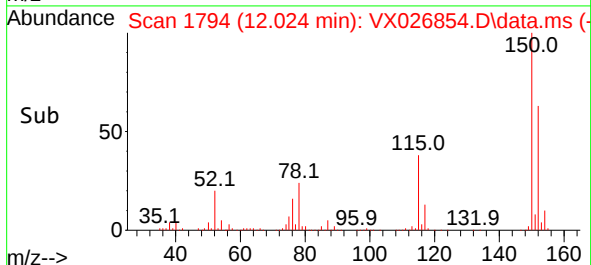
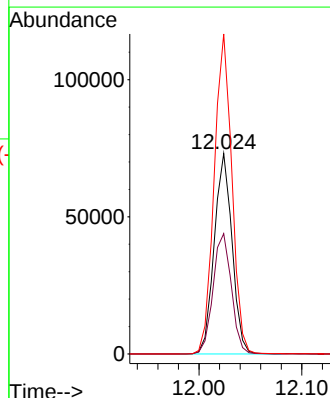
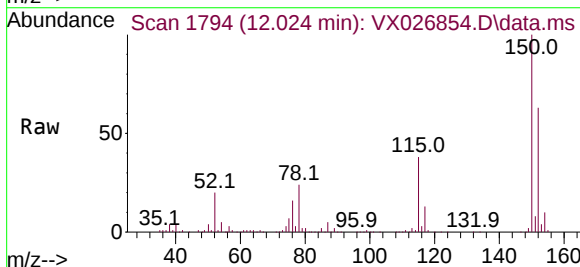
Instrument :
MSVOA_X
ClientSampleId :
PB142539ZHE#07

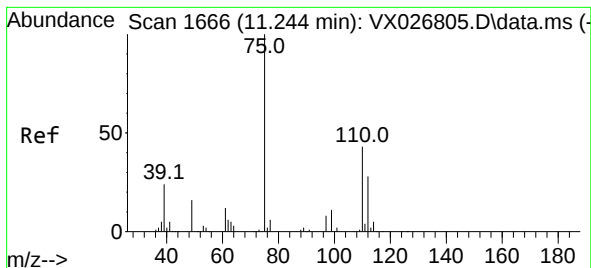
Tgt Ion:117 Resp: 201987
Ion Ratio Lower Upper
117 100
82 56.3 45.2 67.8
119 32.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026854.D
Acq: 09 Feb 2022 04:20

Tgt Ion:152 Resp: 87847
Ion Ratio Lower Upper
152 100
115 61.6 44.2 132.6
150 158.8 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 24.708 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.165 min

Lab File: VX026854.D

Acq: 09 Feb 2022 04:20

Instrument :

MSVOA_X

ClientSampleId :

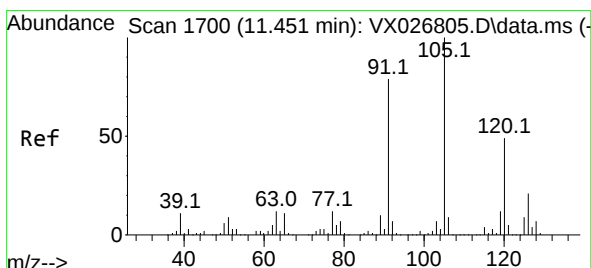
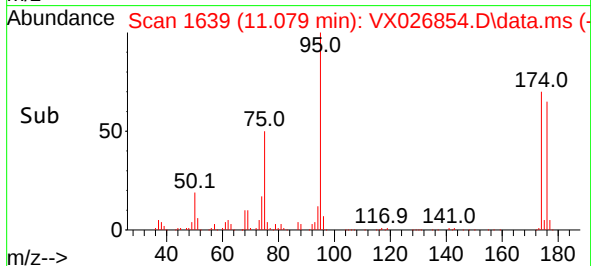
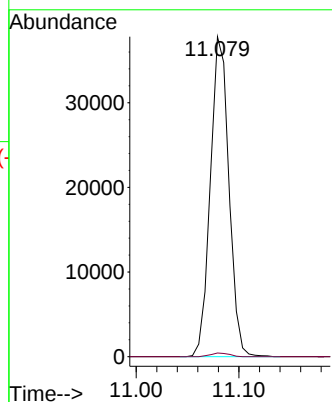
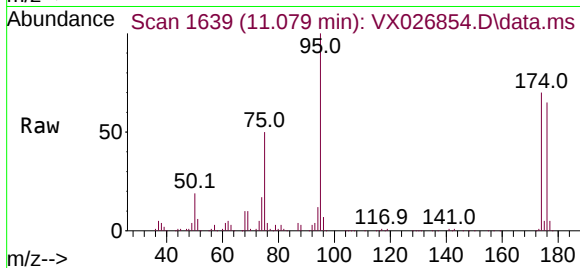
PB142539ZHE#07

Tgt Ion: 75 Resp: 47514

Ion Ratio Lower Upper

75 100

77 1.1 18.3 54.8#



#80

1,3,5-Trimethylbenzene

Concen: 0.372 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX026854.D

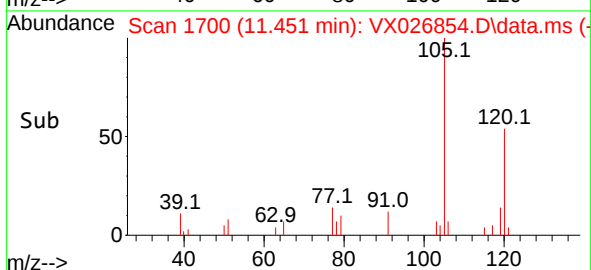
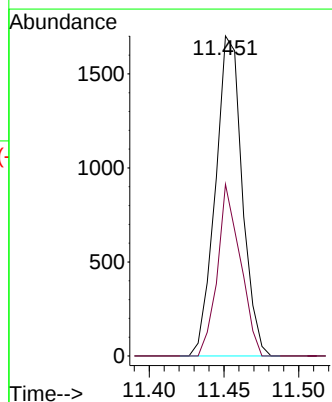
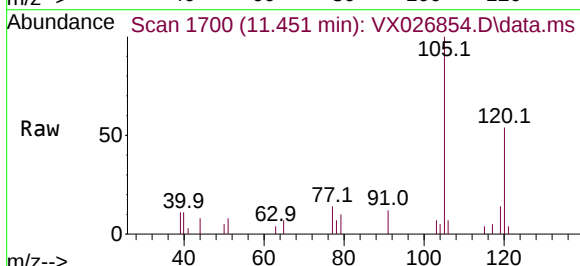
Acq: 09 Feb 2022 04:20

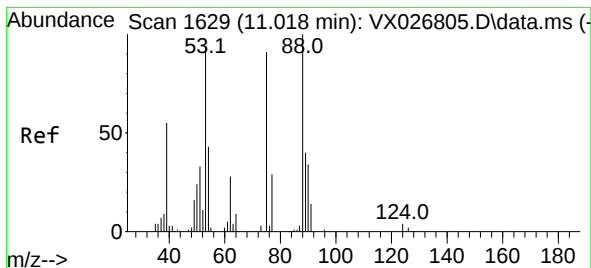
Tgt Ion: 105 Resp: 2120

Ion Ratio Lower Upper

105 100

120 45.8 24.0 72.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.405 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026854.D
 Acq: 09 Feb 2022 04:20

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142539ZHE#07

Tgt Ion: 75 Resp: 47514
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

