

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026817.D
 Acq On : 08 Feb 2022 13:18
 Operator : JC/MD
 Sample : N1405-05 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 143-144

Quant Time: Feb 09 03:01:56 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)

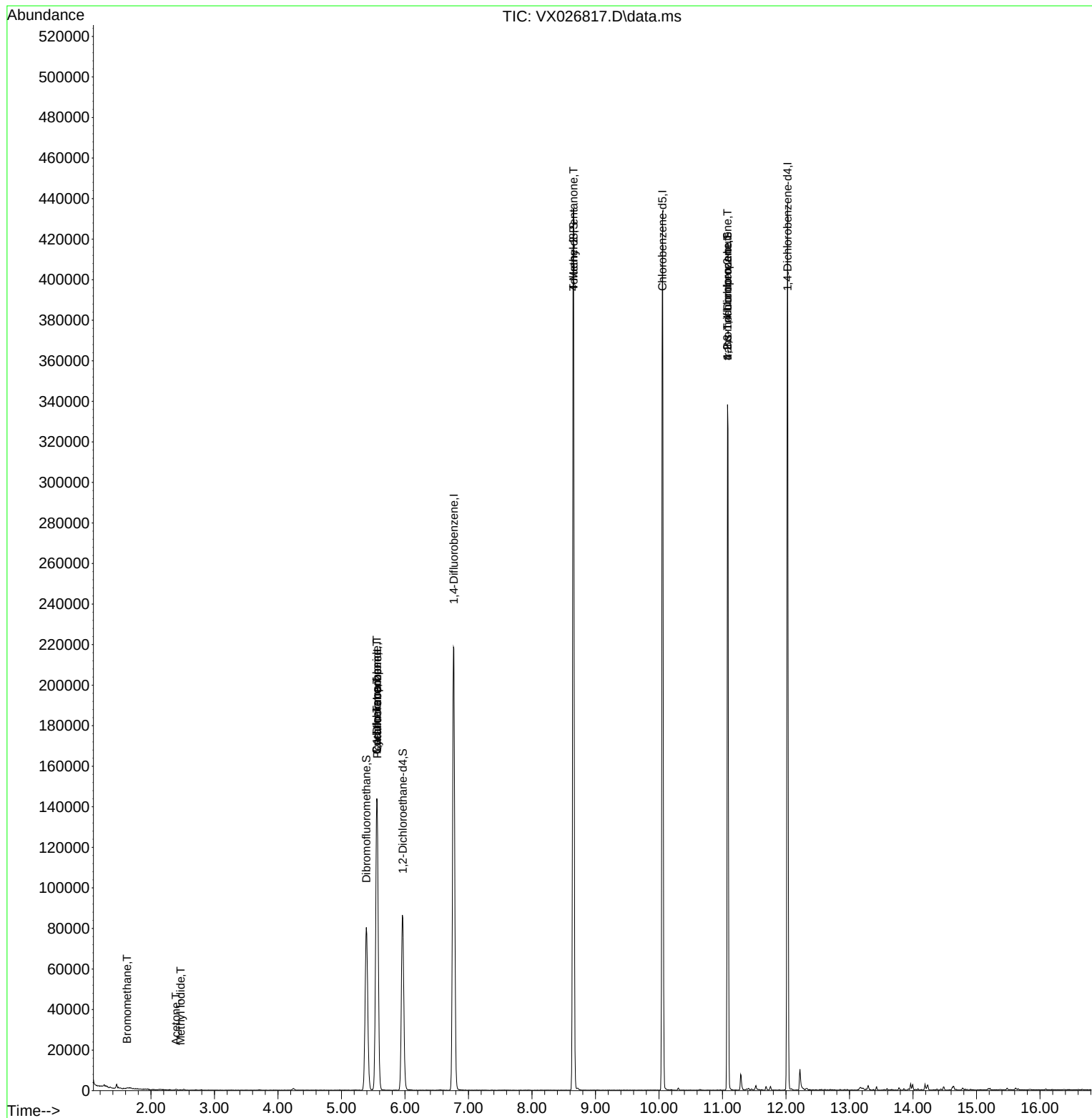
Internal Standards						
1) Pentafluorobenzene	5.562	168	139546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	231803	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	84621	50.517	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.040%	
35) Dibromofluoromethane	5.391	113	71019	51.425	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.840%	
50) Toluene-d8	8.653	98	261771	51.638	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.280%	
62) 4-Bromofluorobenzene	11.079	95	95017	53.238	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.480%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	148	0.236	ug/l	92
10) Methyl Iodide	2.465	142	320	2.409	ug/l #	37
16) Acetone	2.392	43	609	0.828	ug/l	99
31) Cyclohexane	5.556	56	2536	0.953	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10331	4.742	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14335	6.274	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	1068	0.463	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46862	23.640	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	46862	72.291	ug/l #	3

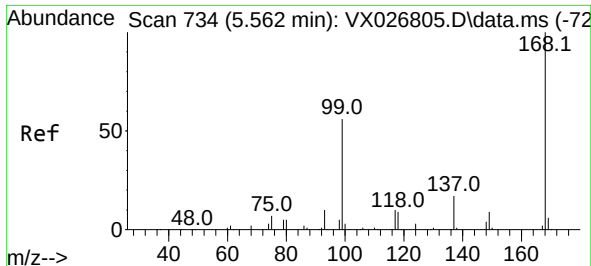
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

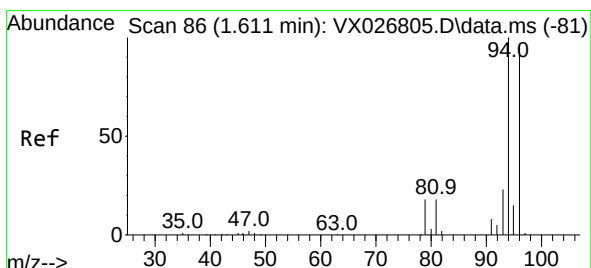
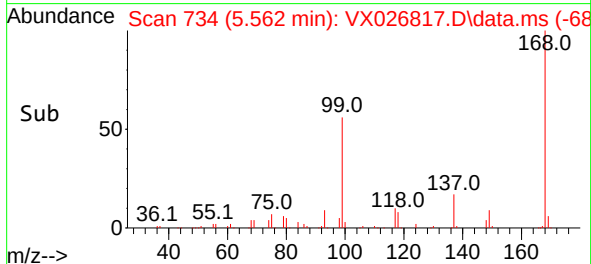
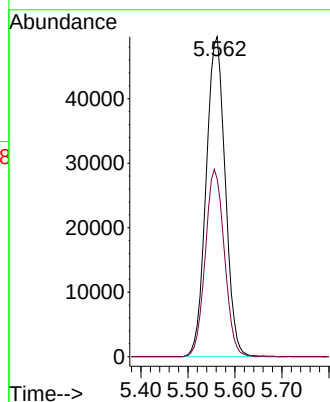
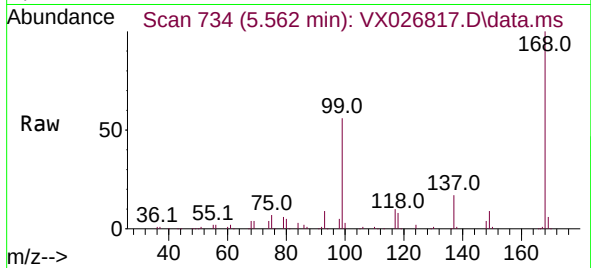




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026817.D
Acq: 08 Feb 2022 13:18

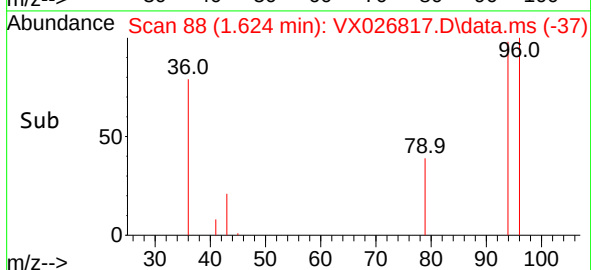
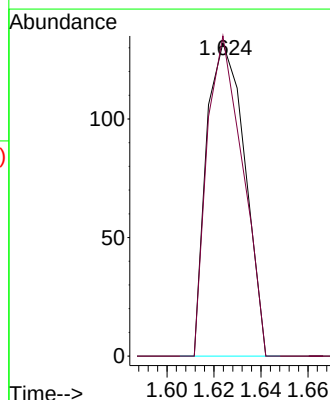
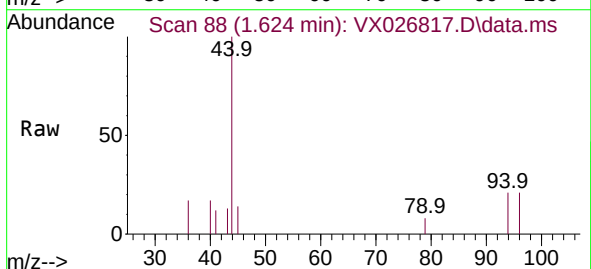
Instrument :
MSVOA_X
ClientSampleId :
143-144

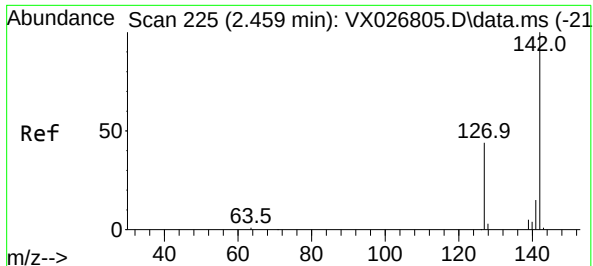
Tgt Ion:168 Resp: 139546
Ion Ratio Lower Upper
168 100
99 55.6 50.3 75.5



#5
Bromomethane
Concen: 0.236 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX026817.D
Acq: 08 Feb 2022 13:18

Tgt Ion: 94 Resp: 148
Ion Ratio Lower Upper
94 100
96 102.3 75.9 113.9

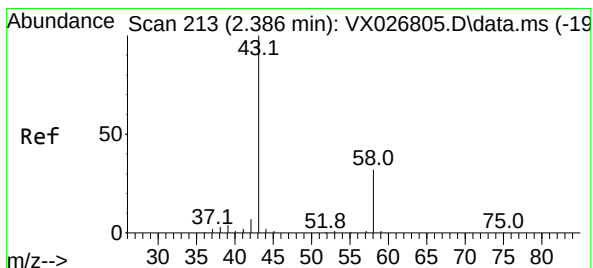
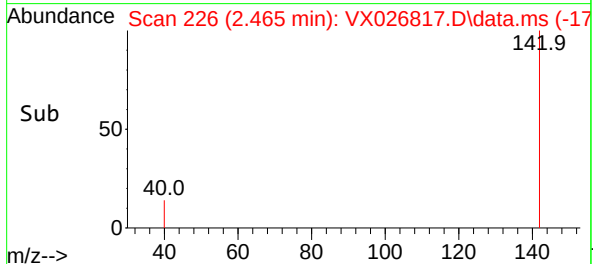
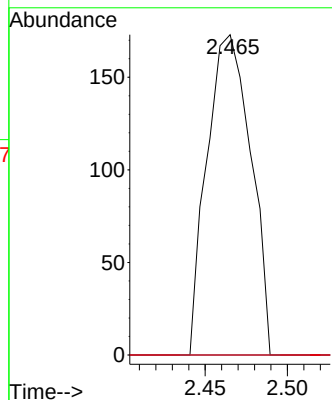
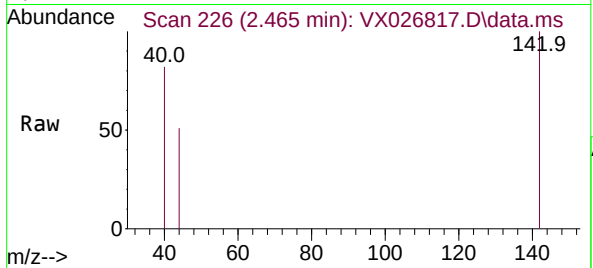




#10
Methyl Iodide
Concen: 2.409 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026817.D
Acq: 08 Feb 2022 13:18

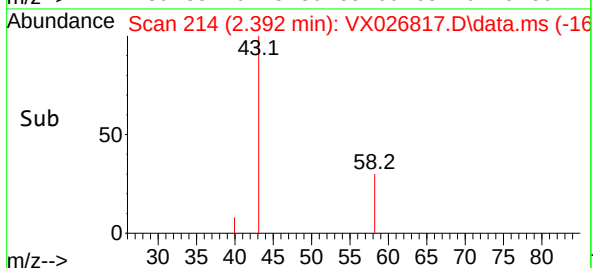
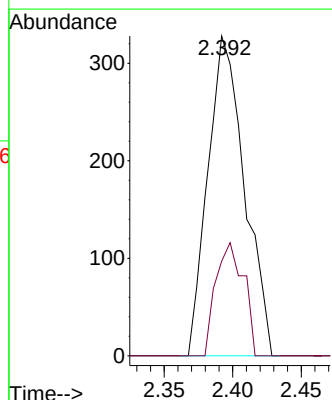
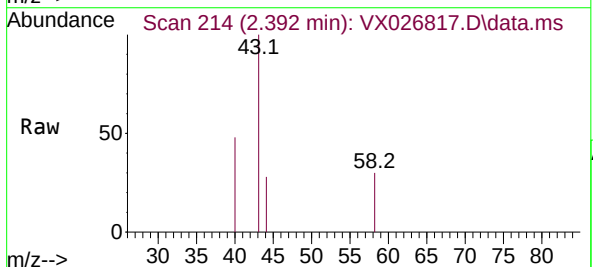
Instrument :
MSVOA_X
ClientSampleId :
143-144

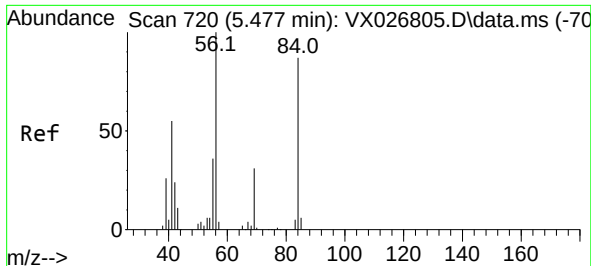
Tgt Ion:142 Resp: 320
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 0.828 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX026817.D
Acq: 08 Feb 2022 13:18

Tgt Ion: 43 Resp: 609
Ion Ratio Lower Upper
43 100
58 29.6 23.0 34.6

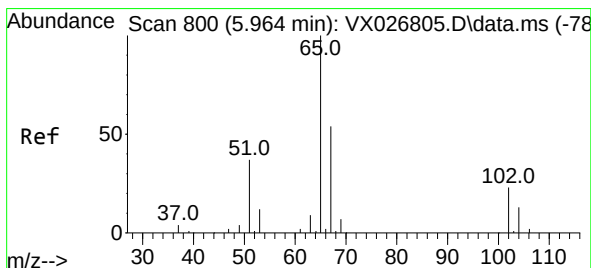
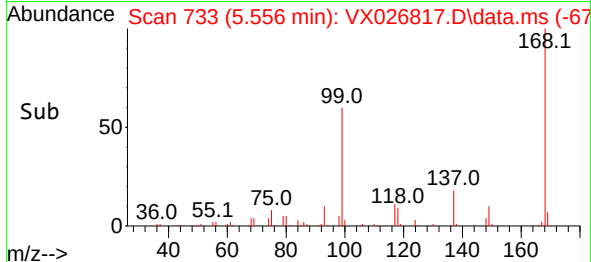
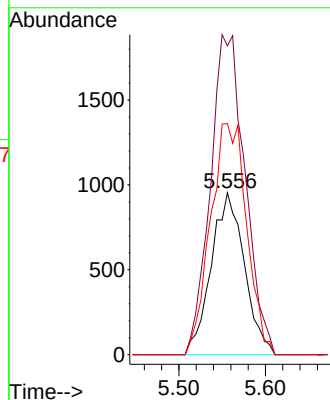
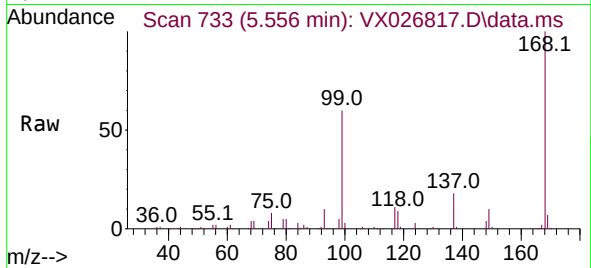




#31
Cyclohexane
Concen: 0.953 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026817.D
Acq: 08 Feb 2022 13:18

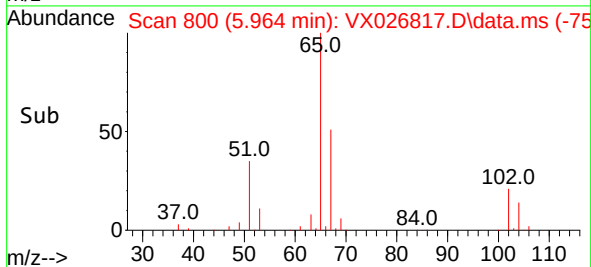
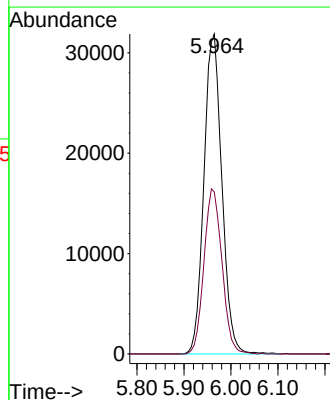
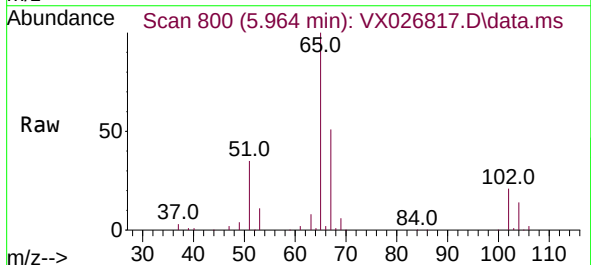
Instrument :
MSVOA_X
ClientSampleId :
143-144

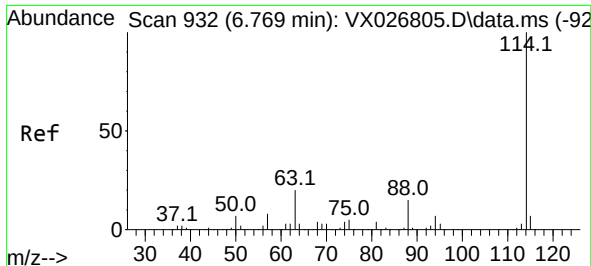
Tgt Ion: 56 Resp: 2536
Ion Ratio Lower Upper
56 100
69 190.8 25.8 38.6#
84 142.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 50.517 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX026817.D
Acq: 08 Feb 2022 13:18

Tgt Ion: 65 Resp: 84621
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.8

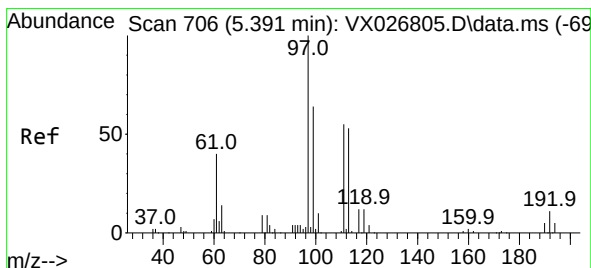
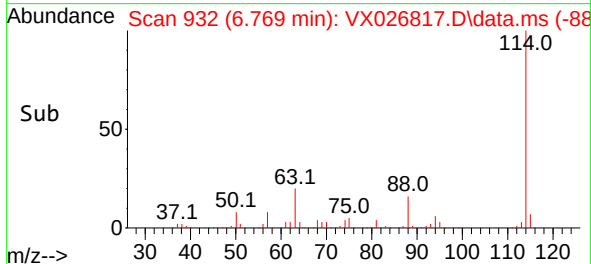
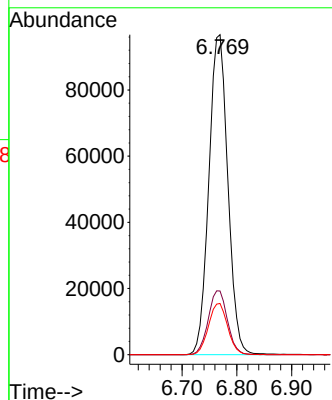
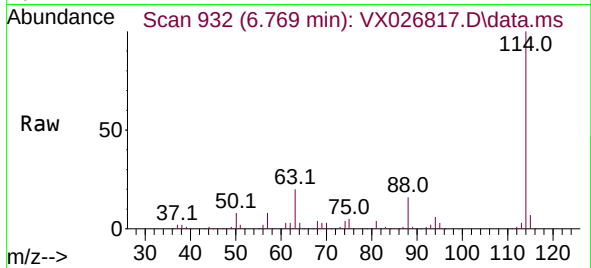




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026817.D
Acq: 08 Feb 2022 13:18

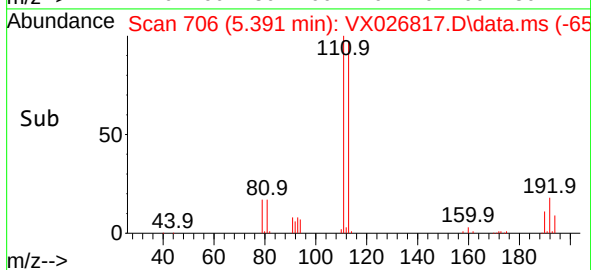
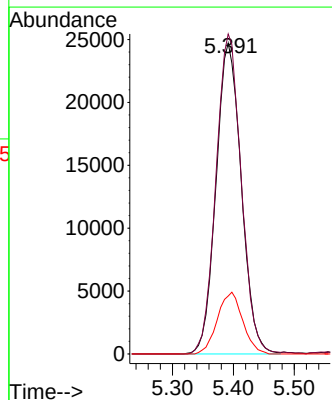
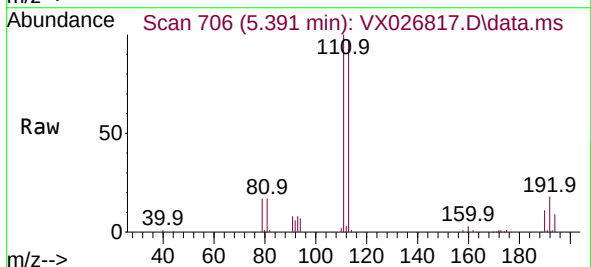
Instrument :
MSVOA_X
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143-144

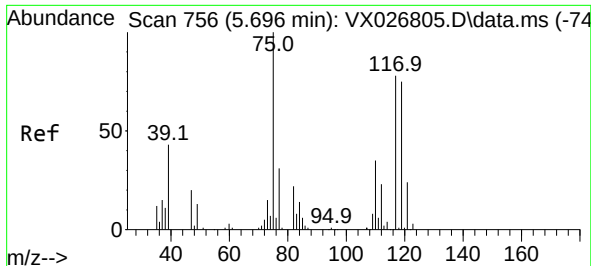
Tgt Ion:114 Resp: 231803
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.8
88 16.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.425 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026817.D
Acq: 08 Feb 2022 13:18

Tgt Ion:113 Resp: 71019
Ion Ratio Lower Upper
113 100
111 103.2 81.2 121.8
192 19.9 15.0 22.4

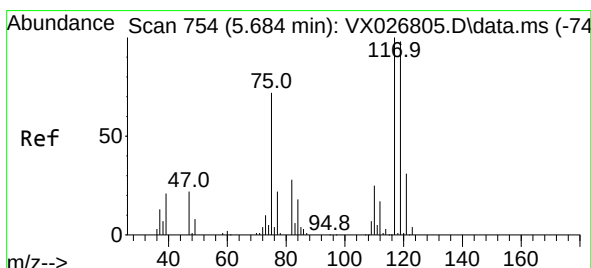
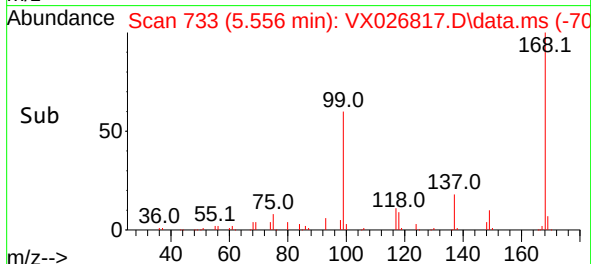
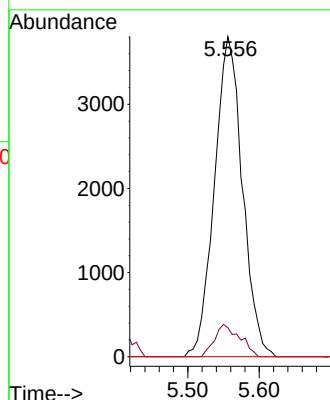
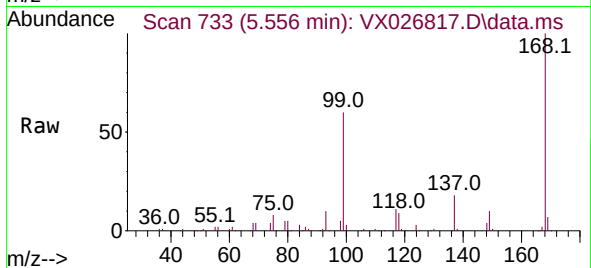




#36
1,1-Dichloropropene
Concen: 4.742 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026817.D
Acq: 08 Feb 2022 13:18

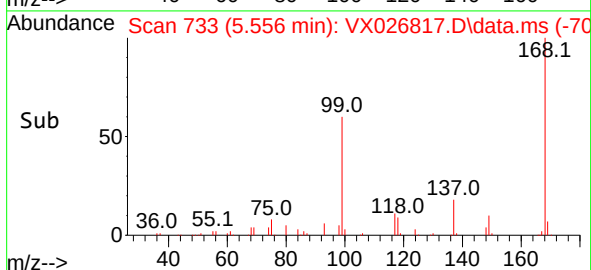
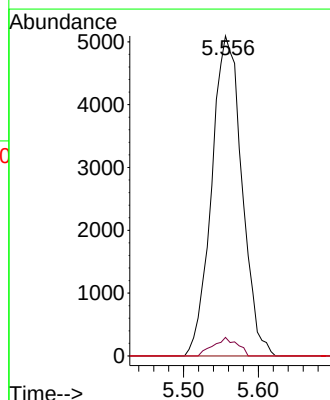
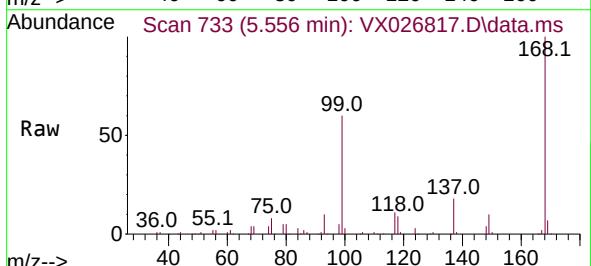
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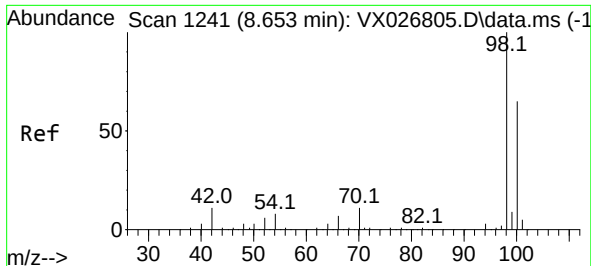
Tgt Ion: 75 Resp: 10331
Ion Ratio Lower Upper
75 100
110 9.1 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.274 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026817.D
Acq: 08 Feb 2022 13:18

Tgt Ion: 117 Resp: 14335
Ion Ratio Lower Upper
117 100
119 5.8 74.7 112.1#
121 0.0 25.4 38.0#

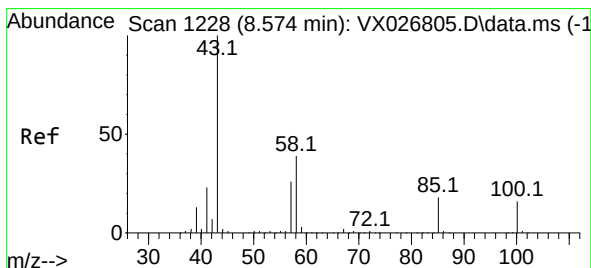
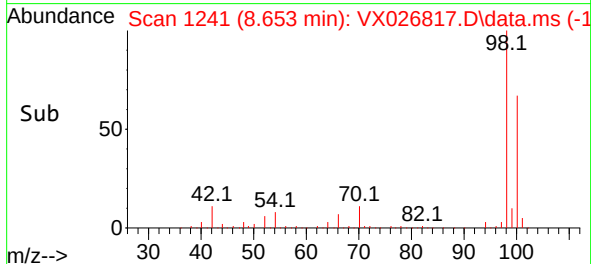
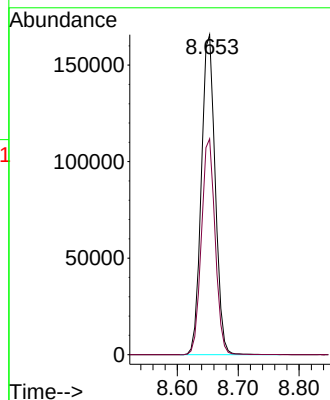
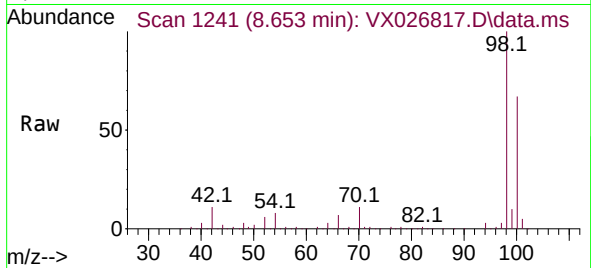




#50
Toluene-d8
Concen: 51.638 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026817.D
Acq: 08 Feb 2022 13:18

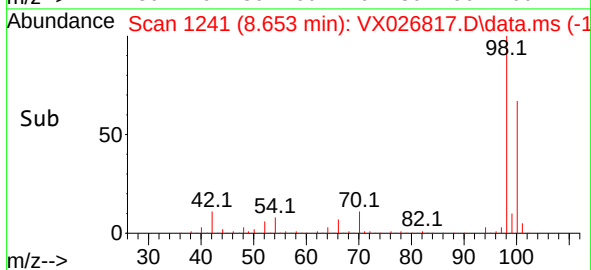
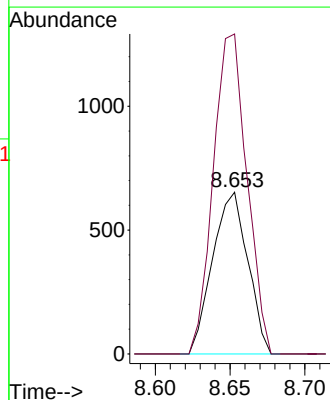
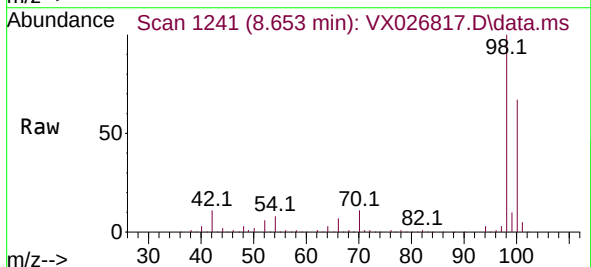
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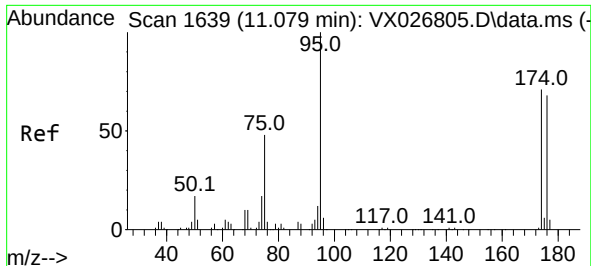
Tgt Ion: 98 Resp: 261771
Ion Ratio Lower Upper
98 100
100 67.0 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.463 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX026817.D
Acq: 08 Feb 2022 13:18

Tgt Ion: 43 Resp: 1068
Ion Ratio Lower Upper
43 100
58 189.2 30.5 45.7#

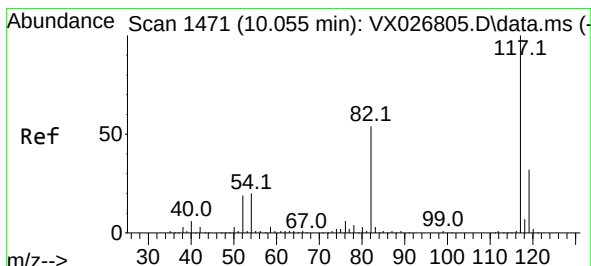
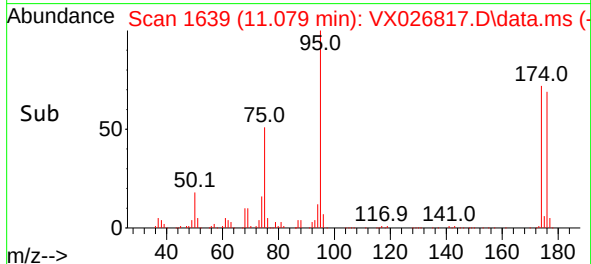
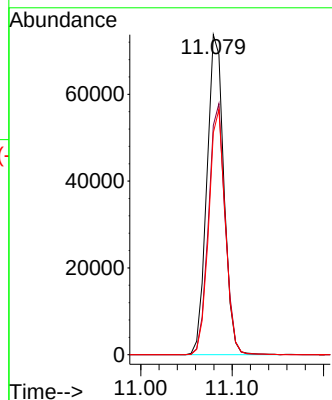
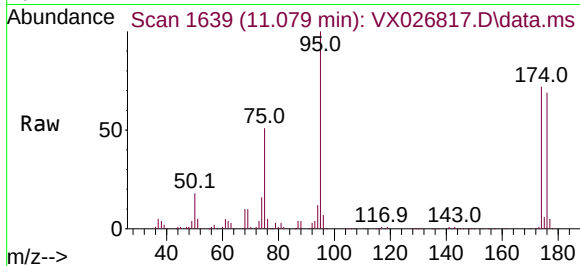




#62
4-Bromofluorobenzene
Concen: 53.238 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026817.D
Acq: 08 Feb 2022 13:18

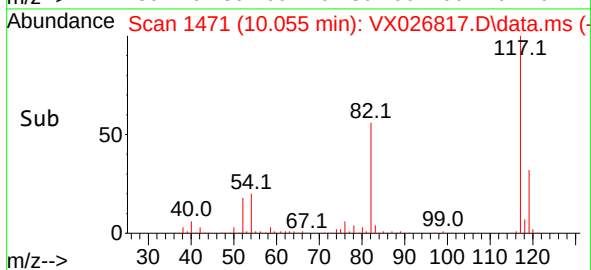
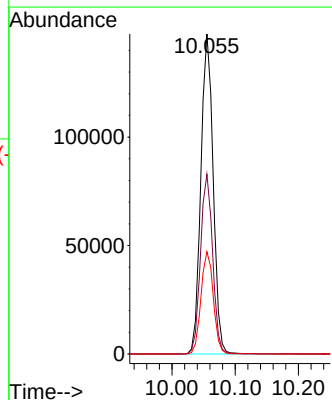
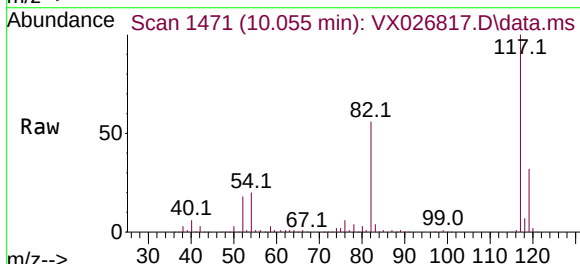
Instrument :
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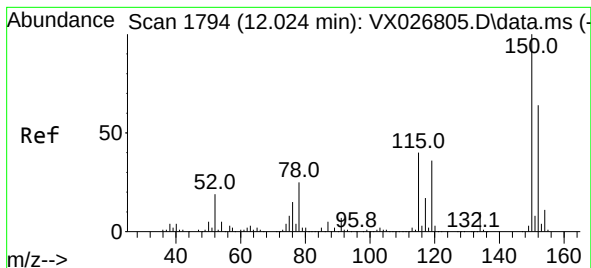
Tgt Ion: 95 Resp: 95017
Ion Ratio Lower Upper
95 100
174 76.8 0.0 148.6
176 74.5 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026817.D
Acq: 08 Feb 2022 13:18

Tgt Ion: 117 Resp: 199981
Ion Ratio Lower Upper
117 100
82 56.1 45.2 67.8
119 32.0 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026817.D

Acq: 08 Feb 2022 13:18

Instrument :

MSVOA_X

ClientSampleId :

143-144

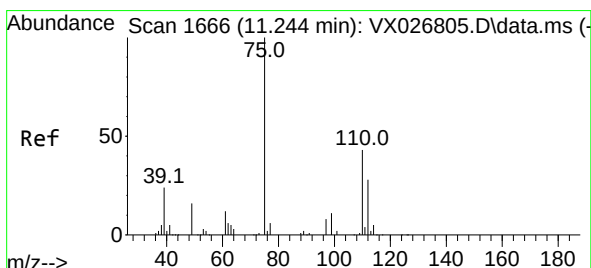
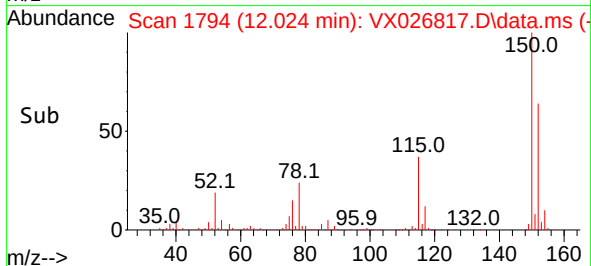
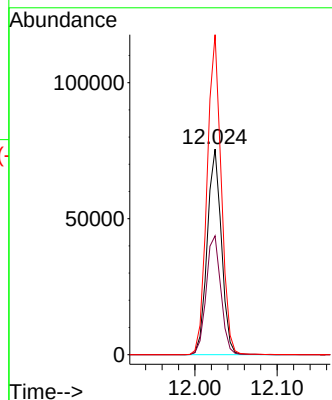
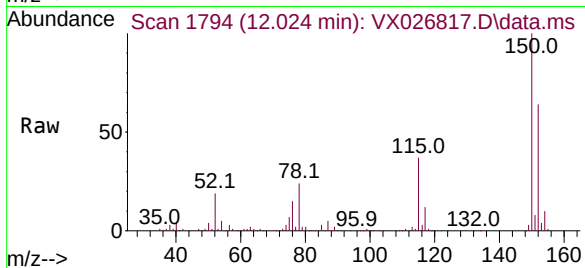
Tgt Ion:152 Resp: 90558

Ion Ratio Lower Upper

152 100

115 59.9 44.2 132.6

150 154.9 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 23.640 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.164 min

Lab File: VX026817.D

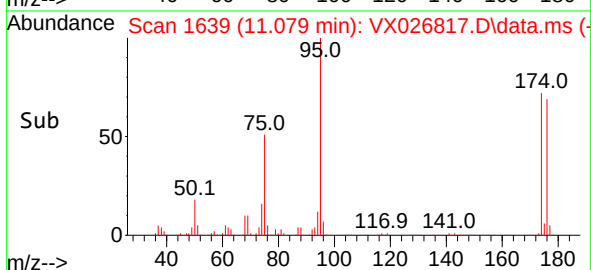
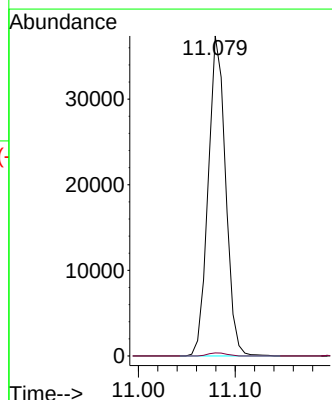
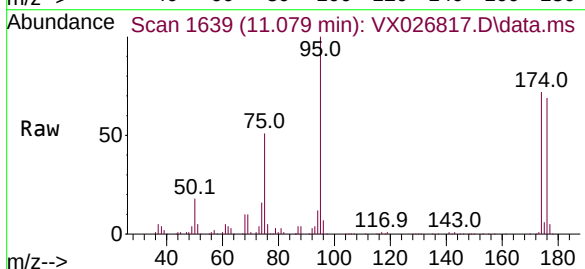
Acq: 08 Feb 2022 13:18

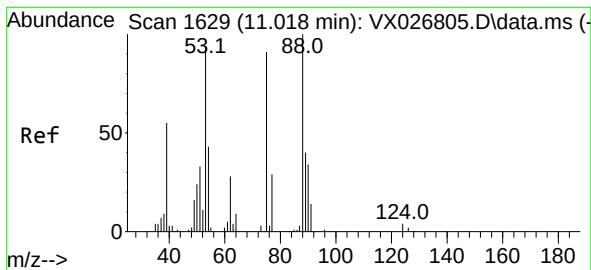
Tgt Ion: 75 Resp: 46862

Ion Ratio Lower Upper

75 100

77 1.0 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.291 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026817.D
 Acq: 08 Feb 2022 13:18

Instrument :
 MSVOA_X
 ClientSampleId :
 143-144

Tgt Ion: 75 Resp: 46862
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

