

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022049.D
 Acq On : 17 May 2021 22:04
 Operator : JC/MD
 Sample : M2411-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-GW-858-860

Quant Time: May 18 02:24:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	70320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	159489	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	167184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75189	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59034	51.01	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.02%
35) Dibromofluoromethane	5.397	113	51261	46.90	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.80%
50) Toluene-d8	8.653	98	202547	48.56	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.12%
62) 4-Bromofluorobenzene	11.085	95	87448	53.12	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.24%

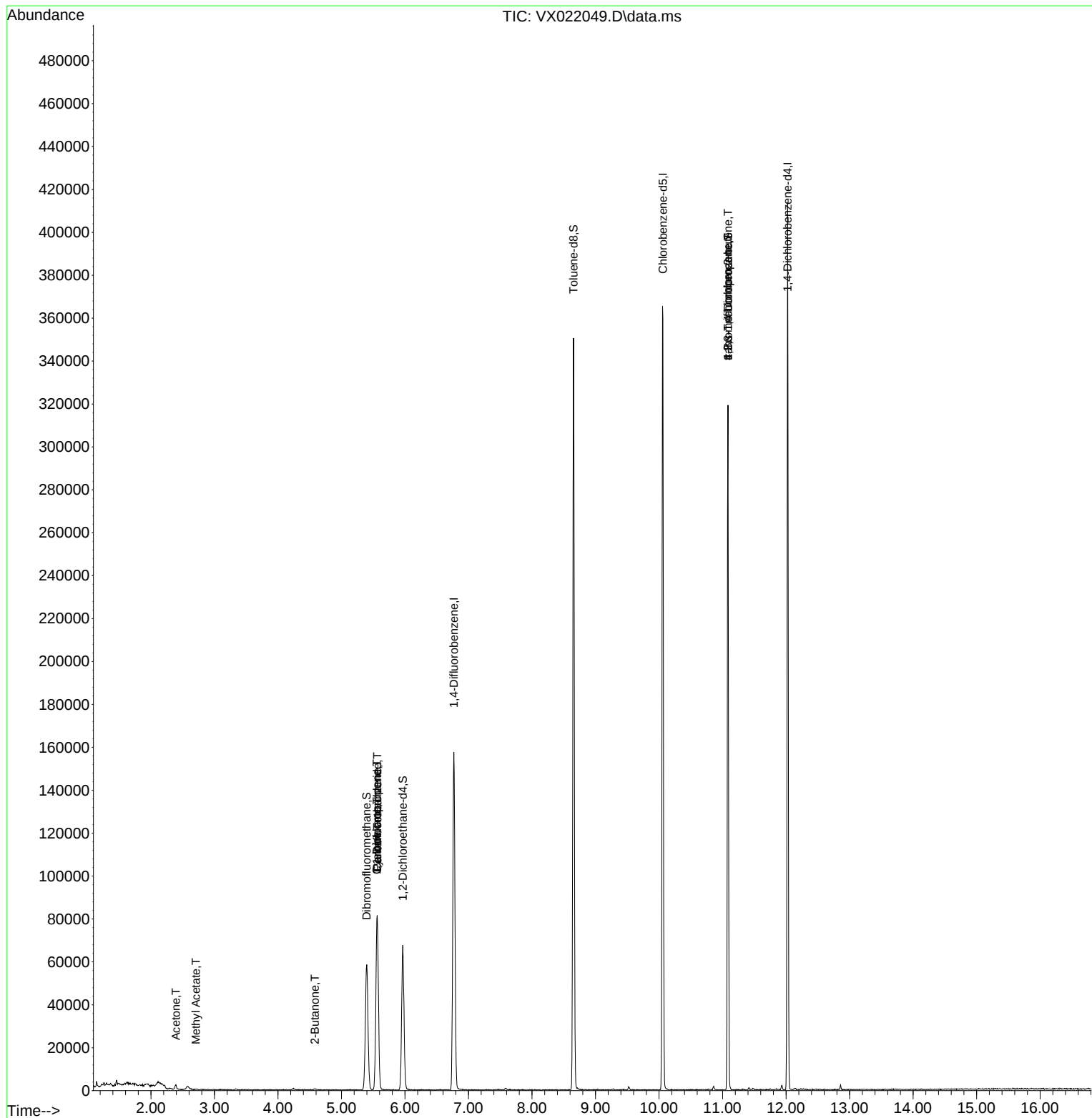
Target Compounds					Qvalue
13) Acrolein	2.184	56	44	Below Cal	# 1
16) Acetone	2.392	43	2633	5.07 ug/l	91
18) Methyl Acetate	2.709	43	420	0.29 ug/l	# 47
25) 2-Butanone	4.580	43	532	0.60 ug/l	# 45
31) Cyclohexane	5.556	56	1997	1.31 ug/l	# 5
36) 1,1-Dichloropropene	5.556	75	6550	3.87 ug/l	# 47
38) Carbon Tetrachloride	5.562	117	8092	4.79 ug/l	# 15
76) 1,2,3-Trichloropropane	11.085	75	44317	20.73 ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	44317	48.09 ug/l	# 12

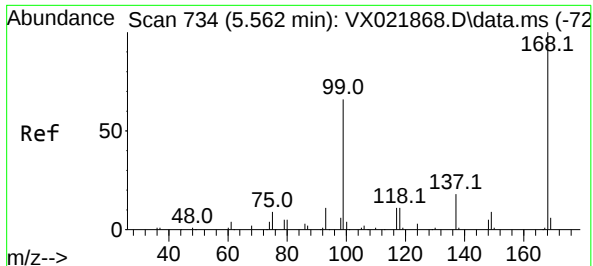
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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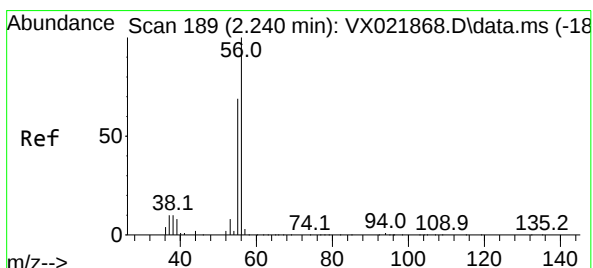
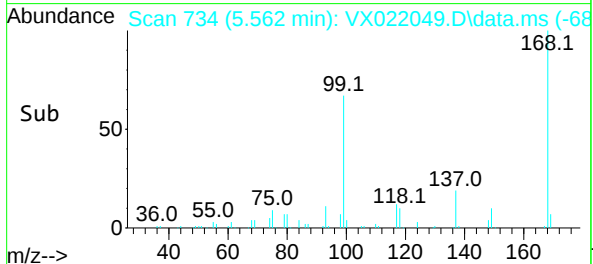
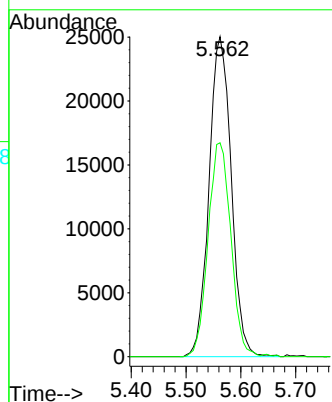
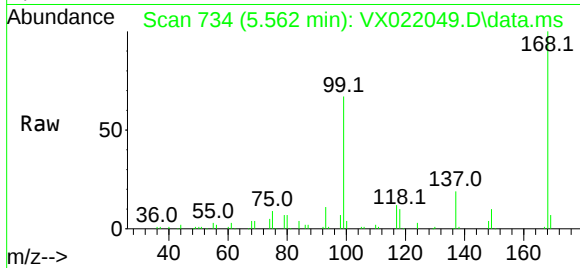




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022049.D
Acq: 17 May 2021 22:04

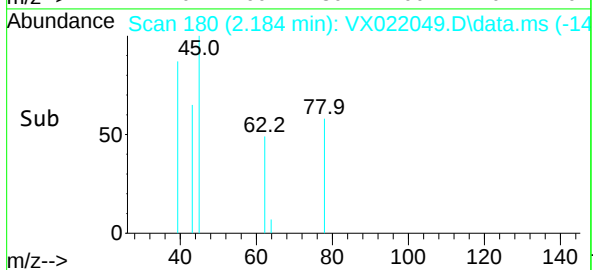
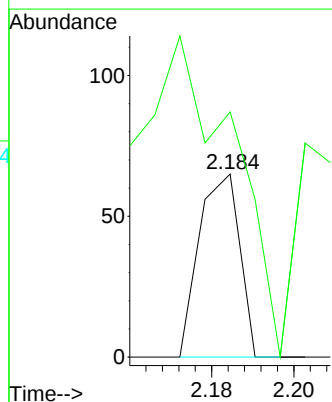
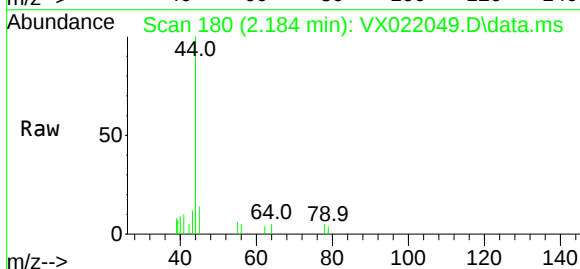
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-858-860

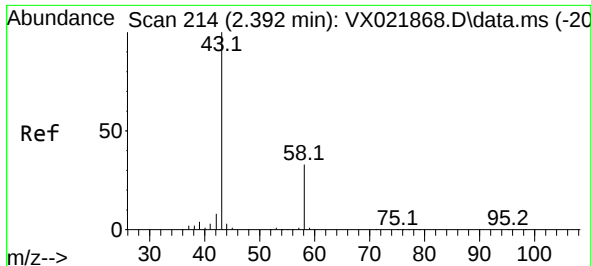
Tgt Ion:168 Resp: 70320
Ion Ratio Lower Upper
168 100
99 66.9 45.8 68.6



#13
Acrolein
Concen: Below Cal
RT: 2.184 min Scan# 180
Delta R.T. -0.056 min
Lab File: VX022049.D
Acq: 17 May 2021 22:04

Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 484.1 56.4 84.6#

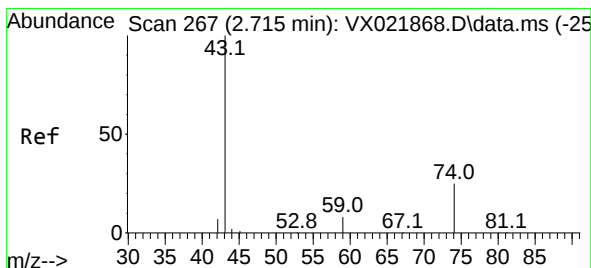
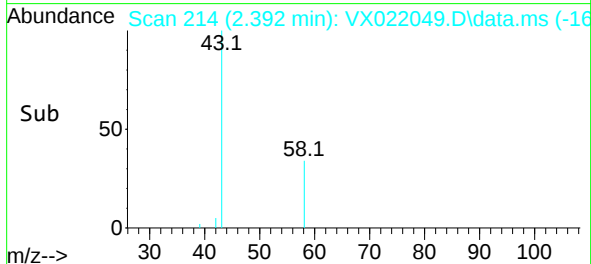
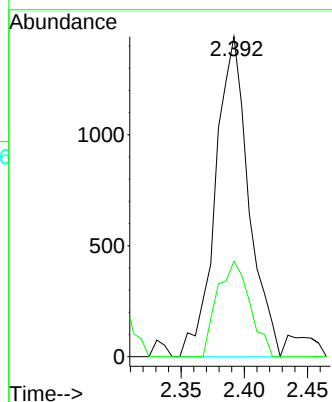
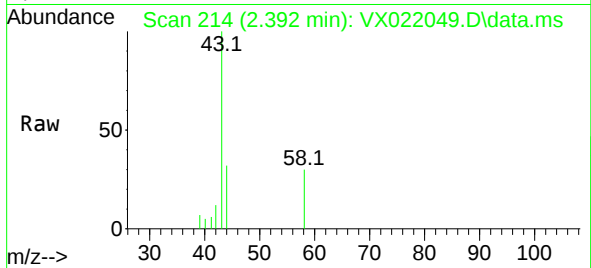




#16
Acetone
Concen: 5.07 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022049.D
Acq: 17 May 2021 22:04

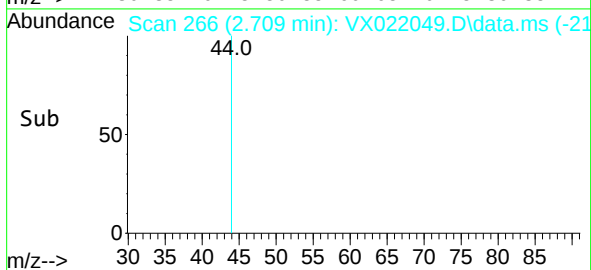
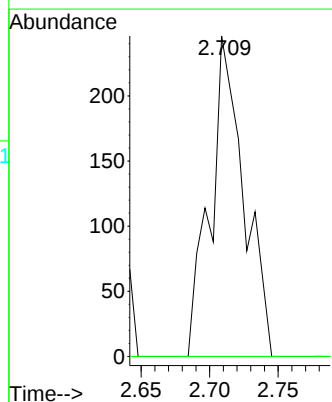
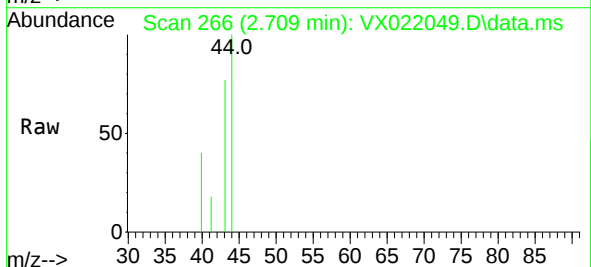
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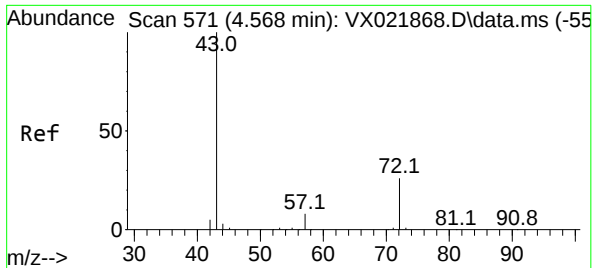
Tgt Ion: 43 Resp: 2633
Ion Ratio Lower Upper
43 100
58 29.8 27.8 41.8



#18
Methyl Acetate
Concen: 0.29 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX022049.D
Acq: 17 May 2021 22:04

Tgt Ion: 43 Resp: 420
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

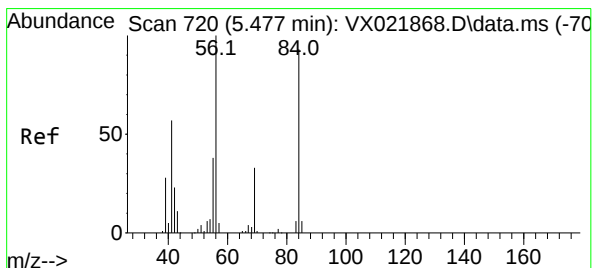
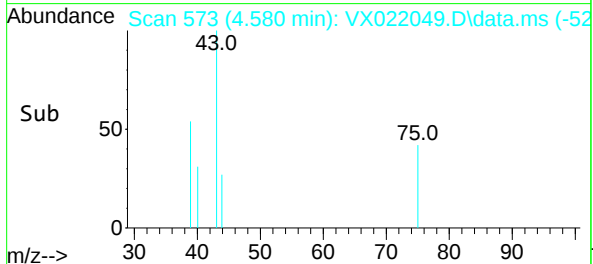
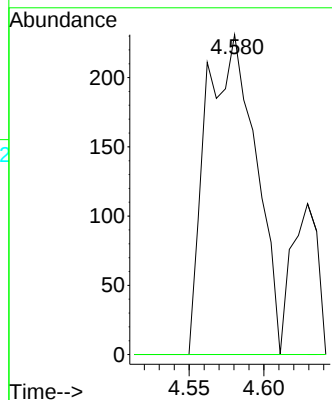
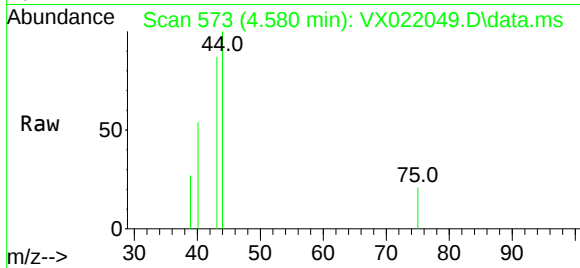




#25
2-Butanone
Concen: 0.60 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022049.D
Acq: 17 May 2021 22:04

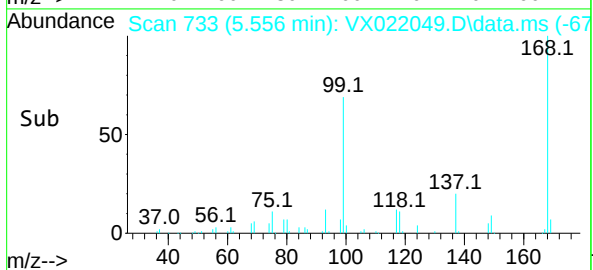
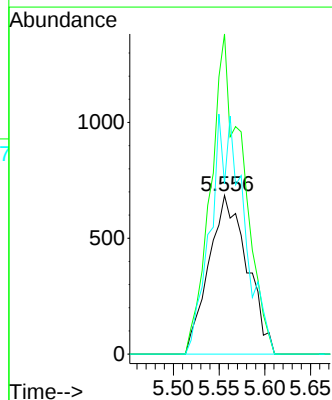
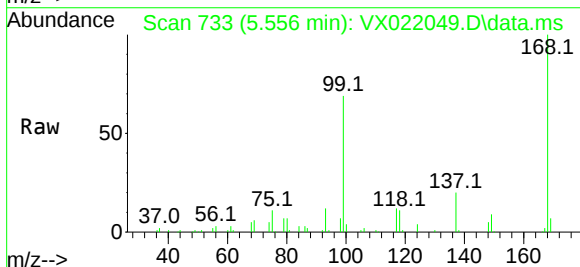
Instrument :
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ClientSampleId :
BP-VPB-RW8-GW-858-860

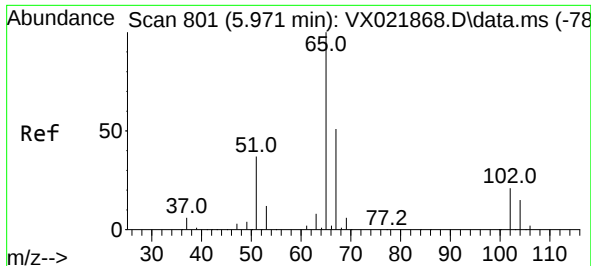
Tgt Ion: 43 Resp: 532
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.31 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022049.D
Acq: 17 May 2021 22:04

Tgt Ion: 56 Resp: 1997
Ion Ratio Lower Upper
56 100
69 201.8 25.3 37.9#
84 107.3 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.01 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX022049.D

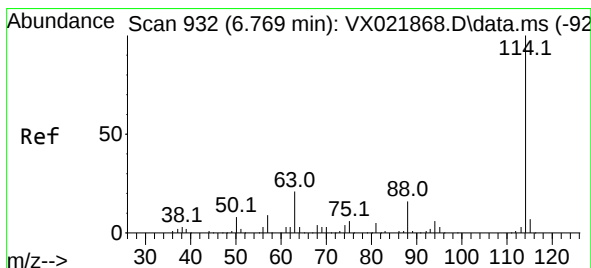
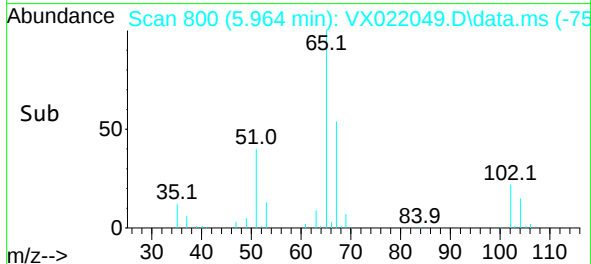
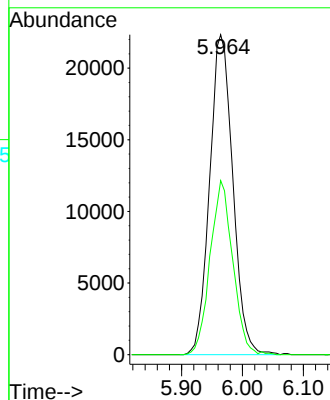
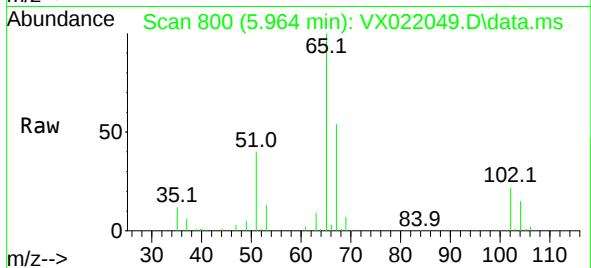
Acq: 17 May 2021 22:04

Tgt Ion: 65 Resp: 59034

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022049.D

Acq: 17 May 2021 22:04

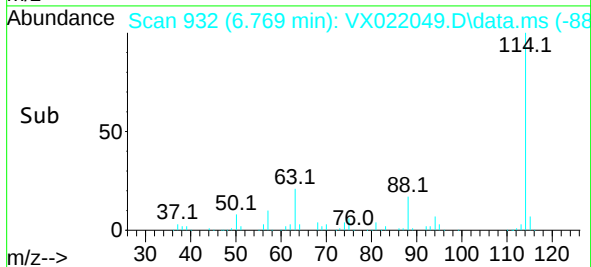
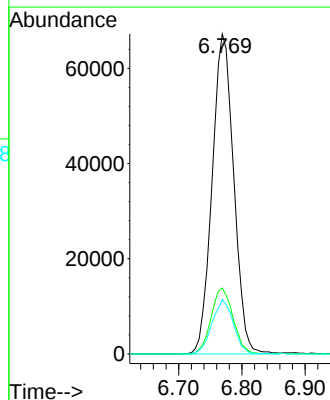
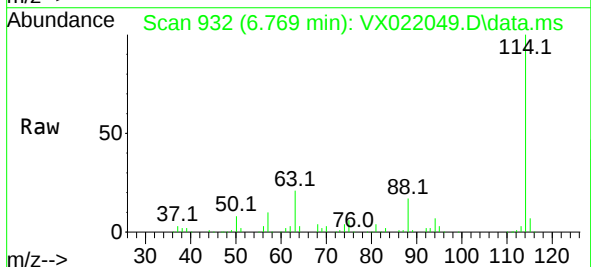
Tgt Ion: 114 Resp: 159489

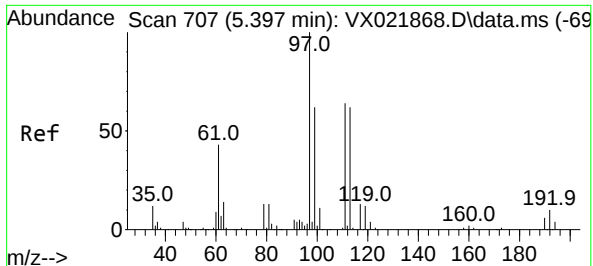
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 17.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.90 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022049.D

Acq: 17 May 2021 22:04

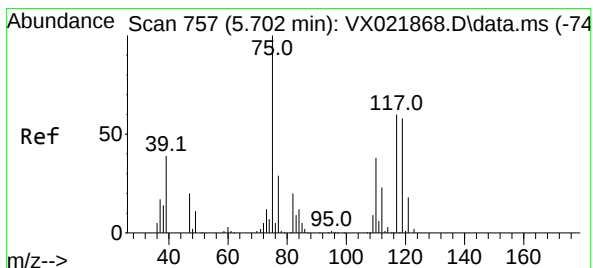
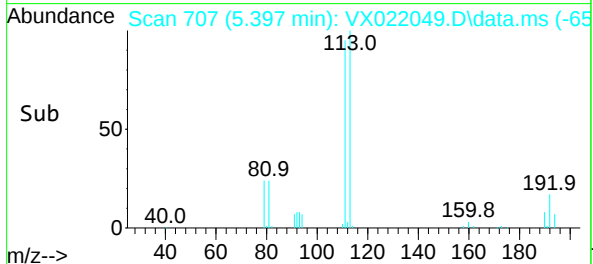
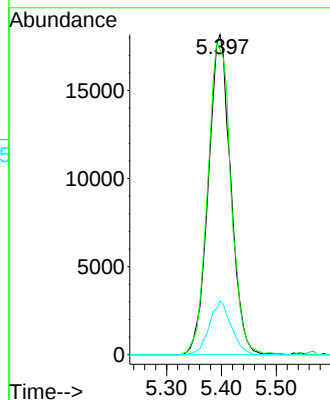
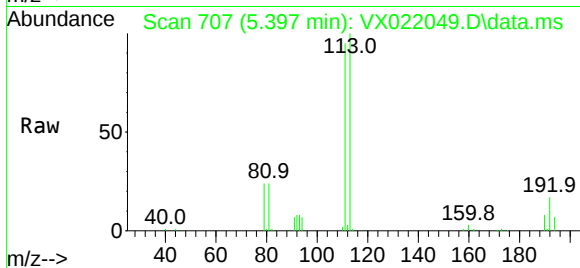
Tgt Ion:	113	Resp:	51261
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	16.3	16.7	25.1#

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW8-GW-858-860



#36

1,1-Dichloropropene

Concen: 3.87 ug/l

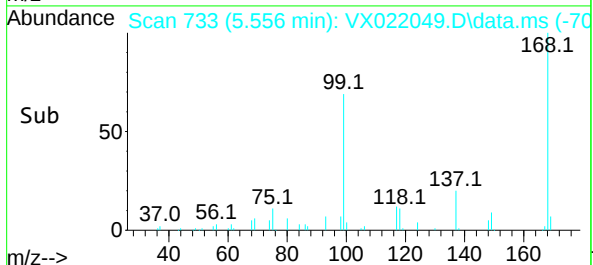
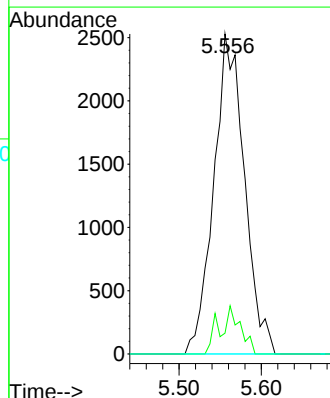
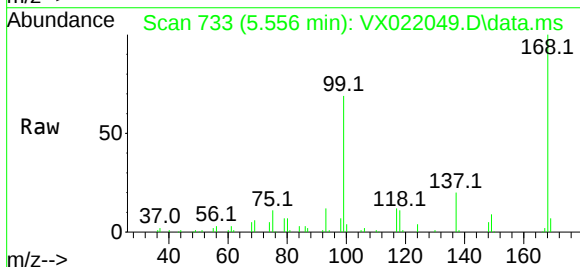
RT: 5.556 min Scan# 733

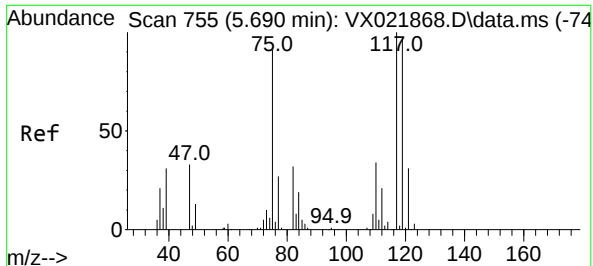
Delta R.T. -0.146 min

Lab File: VX022049.D

Acq: 17 May 2021 22:04

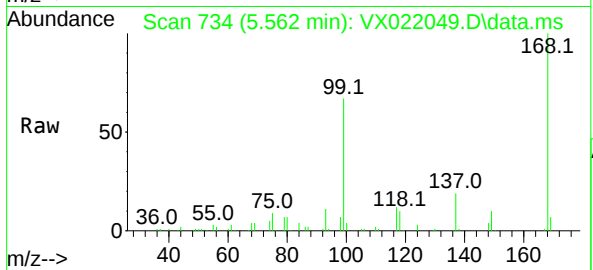
Tgt Ion:	75	Resp:	6550
Ion	Ratio	Lower	Upper
75	100		
110	7.1	18.1	54.4#
77	0.0	25.3	37.9#



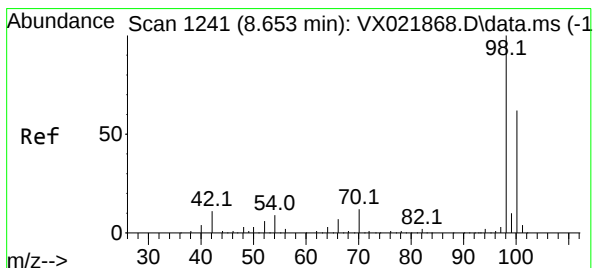
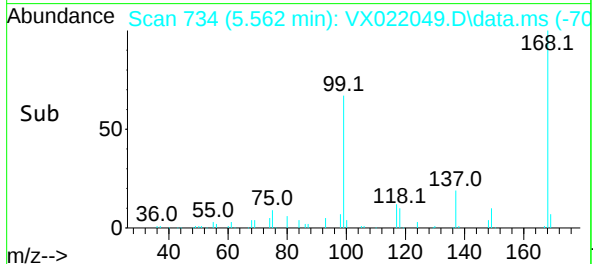
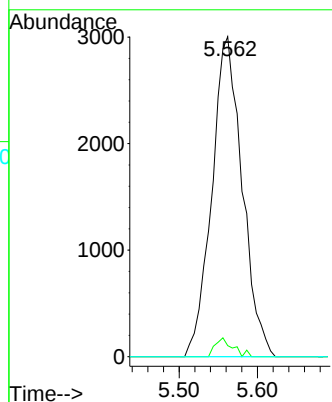


#38
Carbon Tetrachloride
Concen: 4.79 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022049.D
Acq: 17 May 2021 22:04

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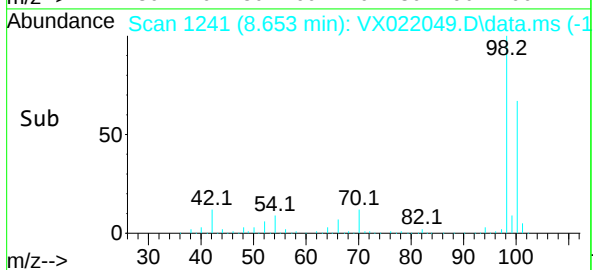
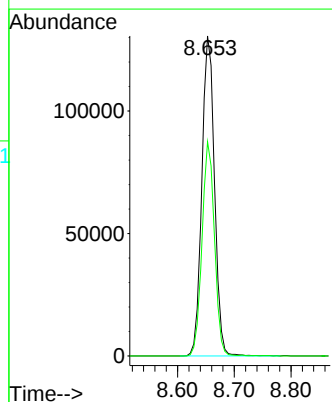
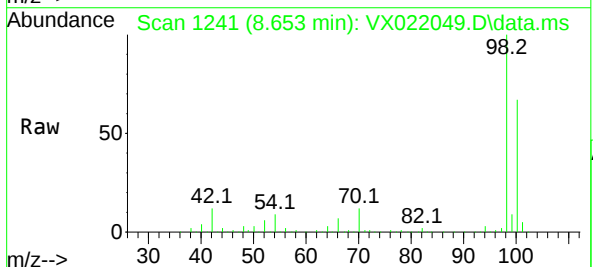


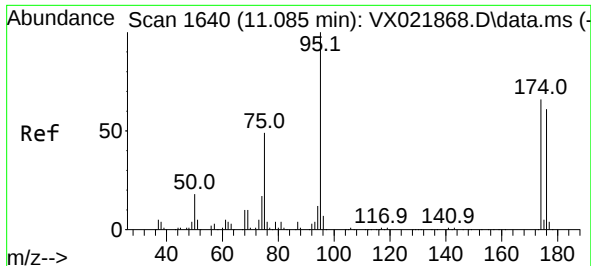
Tgt Ion:117 Resp: 8092
Ion Ratio Lower Upper
117 100
119 3.5 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.56 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022049.D
Acq: 17 May 2021 22:04

Tgt Ion: 98 Resp: 202547
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

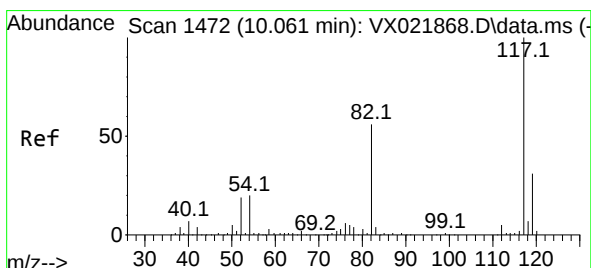
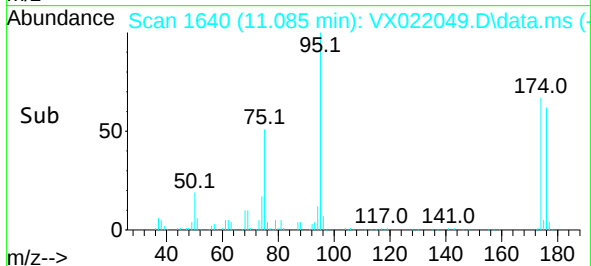
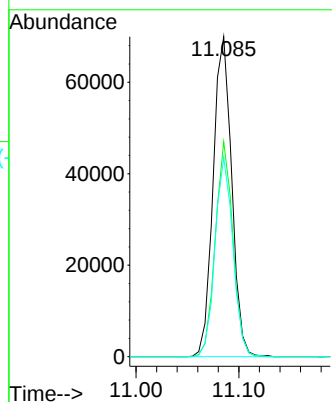
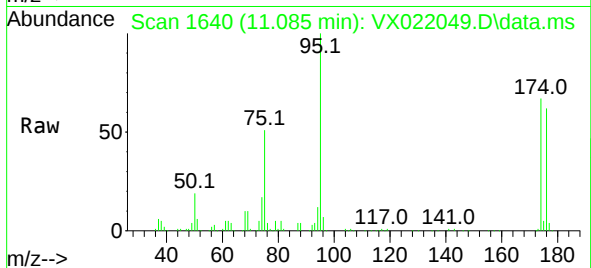




#62
4-Bromofluorobenzene
Concen: 53.12 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022049.D
Acq: 17 May 2021 22:04

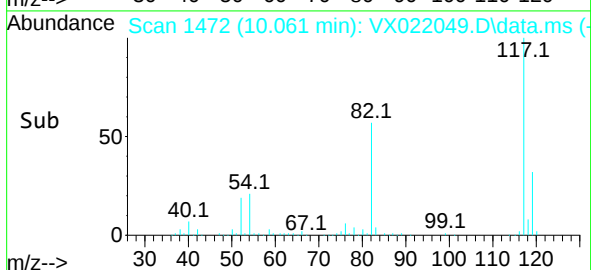
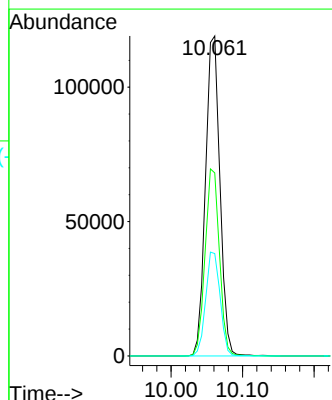
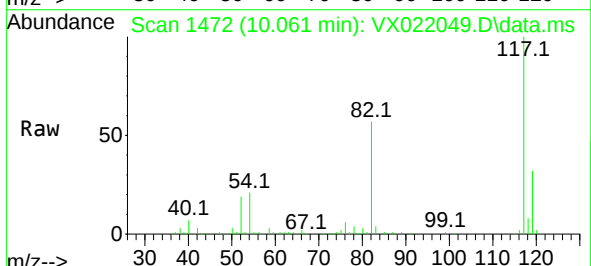
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-858-860

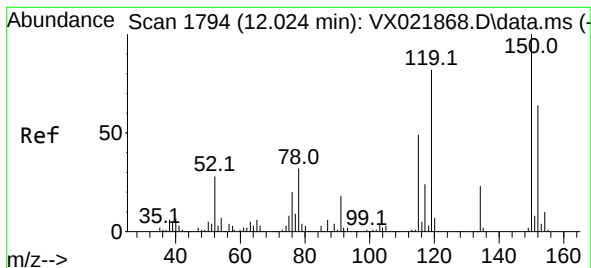
Tgt Ion: 95 Resp: 87448
Ion Ratio Lower Upper
95 100
174 63.7 0.0 154.6
176 60.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022049.D
Acq: 17 May 2021 22:04

Tgt Ion: 117 Resp: 167184
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 32.0 26.6 39.8

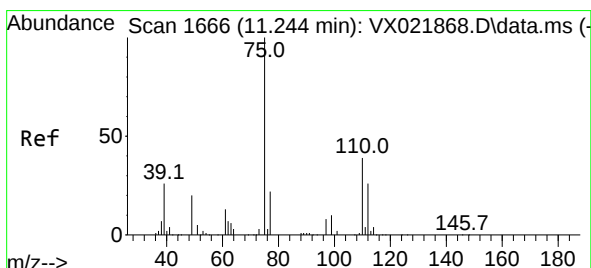
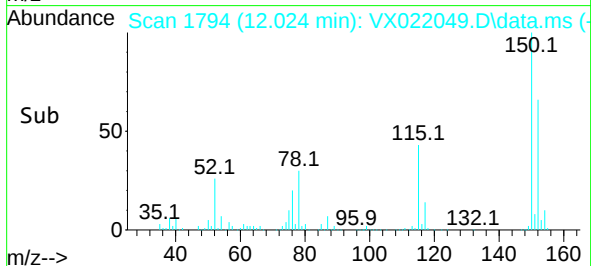
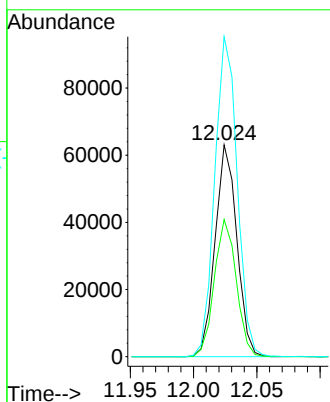
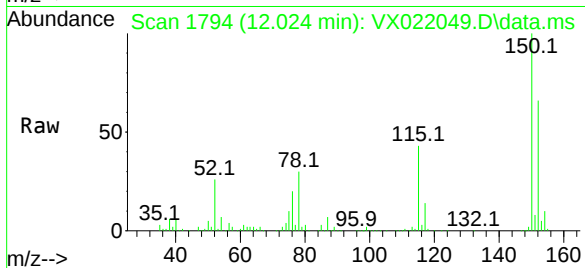




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022049.D
 Acq: 17 May 2021 22:04

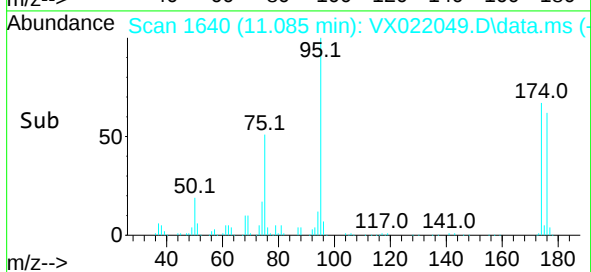
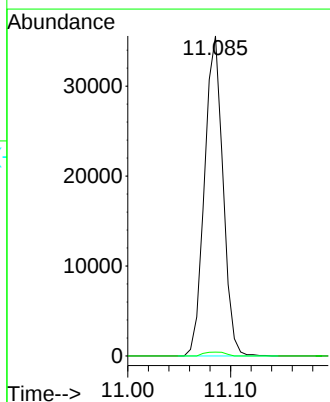
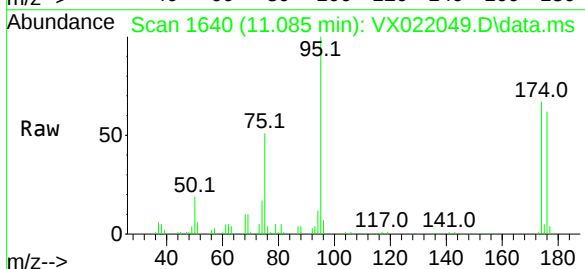
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-GW-858-860

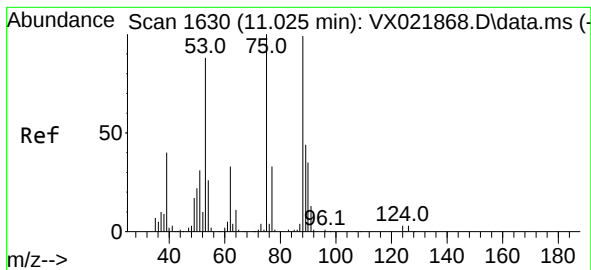
Tgt Ion:152 Resp: 75189
 Ion Ratio Lower Upper
 152 100
 115 65.5 41.1 123.3
 150 156.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 20.73 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022049.D
 Acq: 17 May 2021 22:04

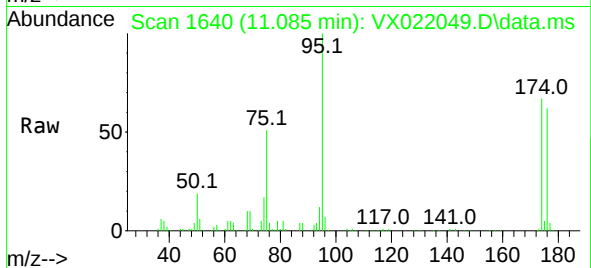
Tgt Ion: 75 Resp: 44317
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.09 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022049.D
 Acq: 17 May 2021 22:04

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-GW-858-860



Tgt Ion:	75	Resp:	44317
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.2	37.9	56.9#

