

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
 Data File : VX036007.D
 Acq On : 05 Jun 2023 16:29
 Operator : JC/MD
 Sample : 03022-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-GW-658-660

Quant Time: Jun 06 06:46:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

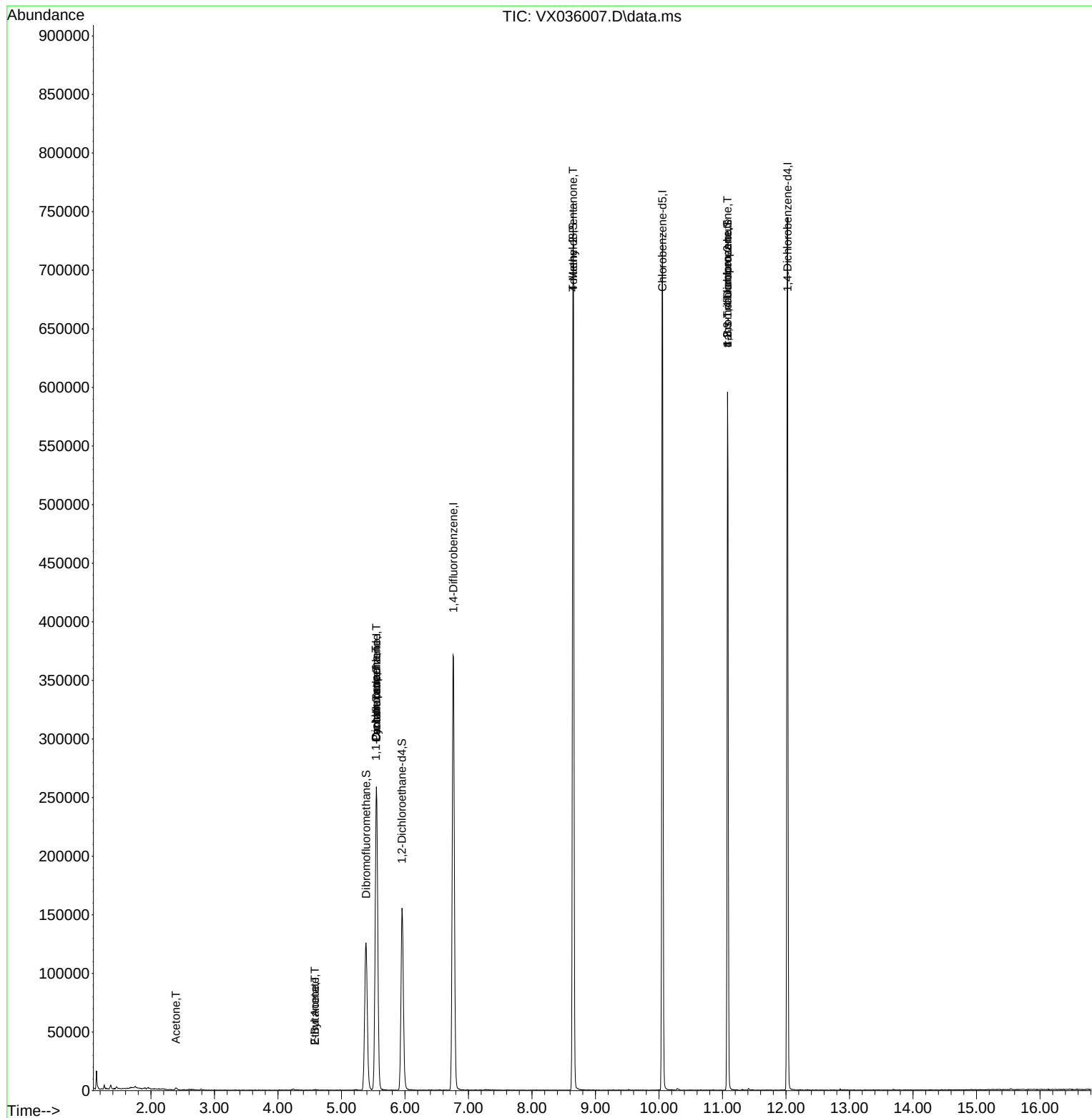
Internal Standards						
1) Pentafluorobenzene	5.550	168	221443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	369387	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	152130	42.306	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.620%		
35) Dibromofluoromethane	5.385	113	109453	44.055	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.100%		
50) Toluene-d8	8.647	98	429680	48.189	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.380%		
62) 4-Bromofluorobenzene	11.079	95	158732	45.096	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.200%		
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	2825	1.904	ug/l	97
25) 2-Butanone	4.581	43	782	0.368	ug/l #	51
31) Cyclohexane	5.550	56	5851	1.554	ug/l #	12
36) 1,1-Dichloropropene	5.544	75	20262	6.117	ug/l #	52
37) Ethyl Acetate	4.581	43	782	0.212	ug/l #	70
38) Carbon Tetrachloride	5.550	117	25346	7.851	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	2046	0.553	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	88743	27.438	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	88743	92.419	ug/l #	3

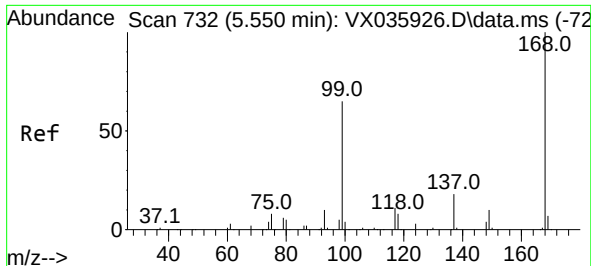
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.001 min

Lab File: VX036007.D

Acq: 05 Jun 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

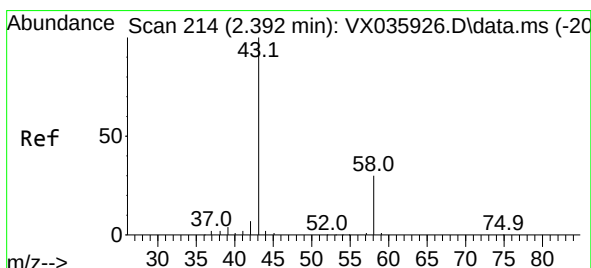
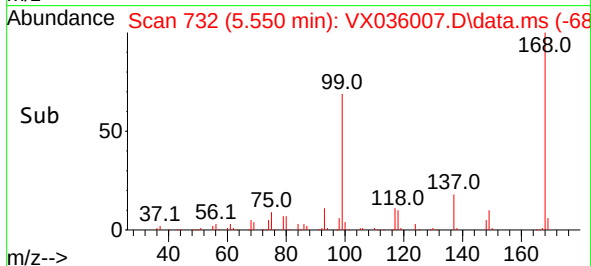
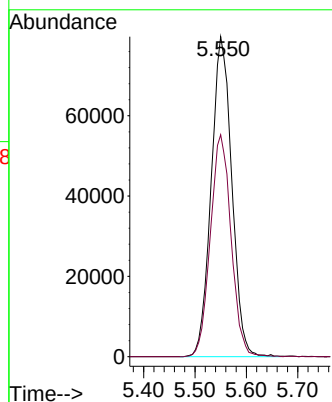
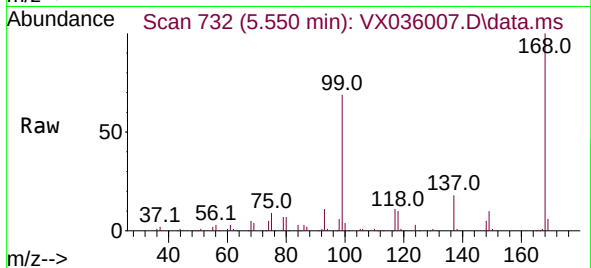
BP-VPB-RW11-GW-658-660

Tgt Ion:168 Resp: 221443

Ion Ratio Lower Upper

168 100

99 69.4 57.0 85.6



#16

Acetone

Concen: 1.904 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.001 min

Lab File: VX036007.D

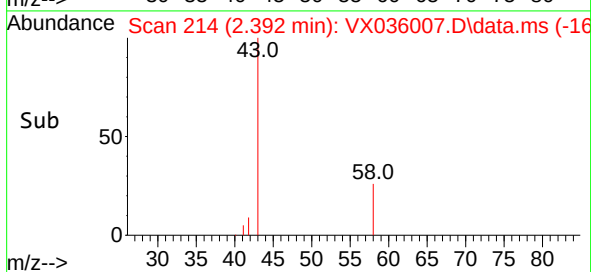
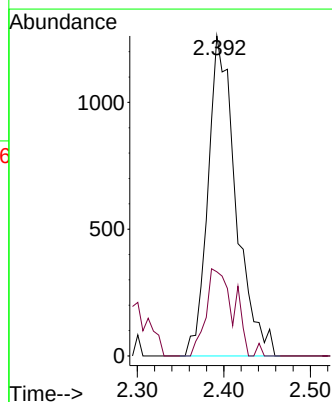
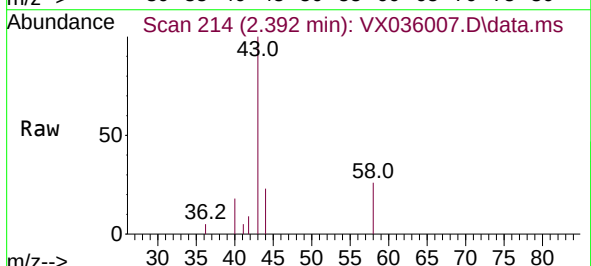
Acq: 05 Jun 2023 16:29

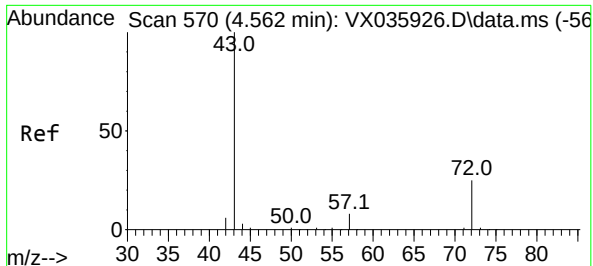
Tgt Ion: 43 Resp: 2825

Ion Ratio Lower Upper

43 100

58 26.3 22.2 33.2





#25

2-Butanone

Concen: 0.368 ug/l

RT: 4.581 min Scan# 51

Delta R.T. 0.019 min

Lab File: VX036007.D

Acq: 05 Jun 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

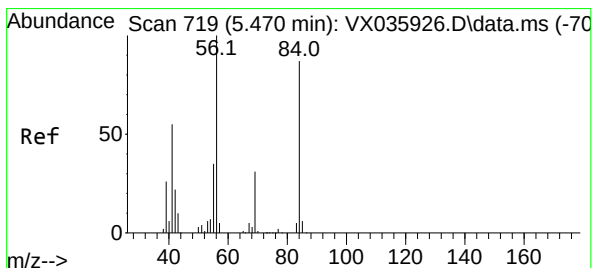
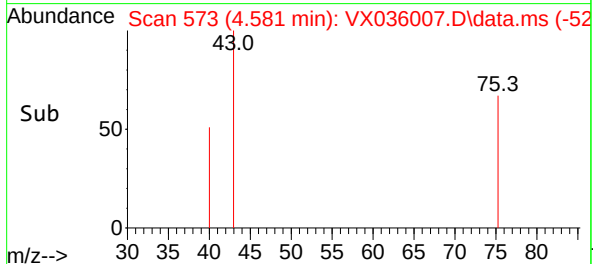
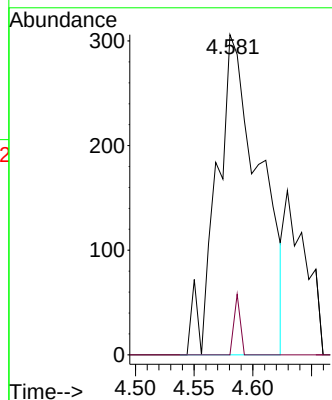
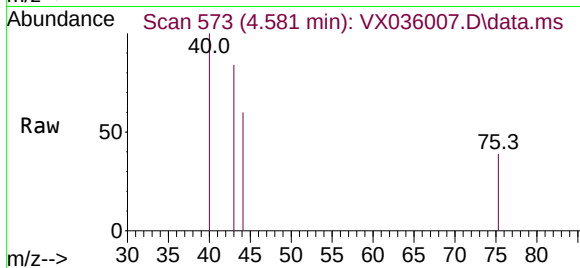
BP-VPB-RW11-GW-658-660

Tgt Ion: 43 Resp: 782

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#31

Cyclohexane

Concen: 1.554 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX036007.D

Acq: 05 Jun 2023 16:29

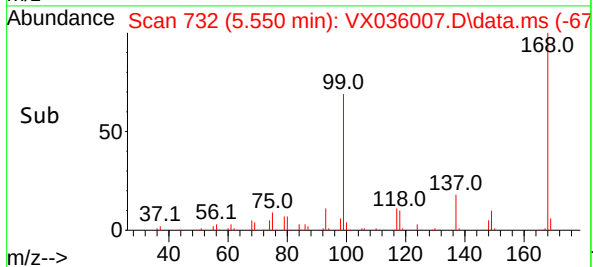
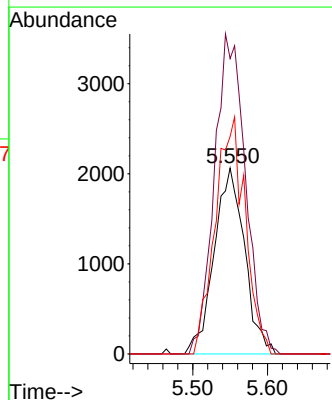
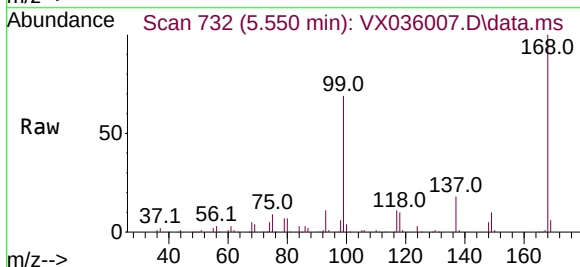
Tgt Ion: 56 Resp: 5851

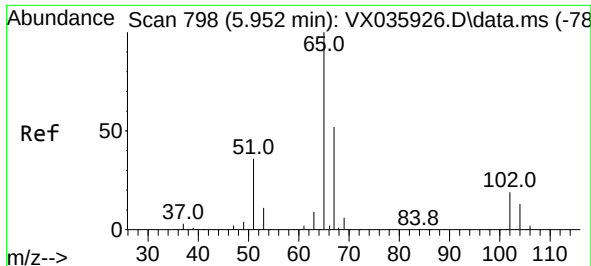
Ion Ratio Lower Upper

56 100

69 158.8 25.9 38.9#

84 116.9 67.6 101.4#





#33

1,2-Dichloroethane-d4

Concen: 42.306 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036007.D

Acq: 05 Jun 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

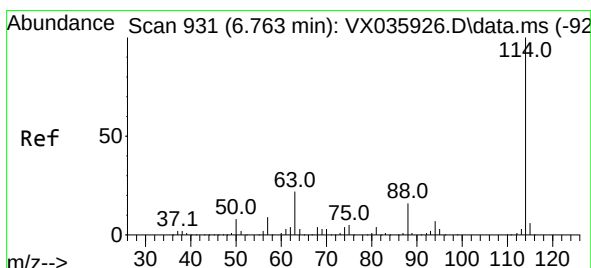
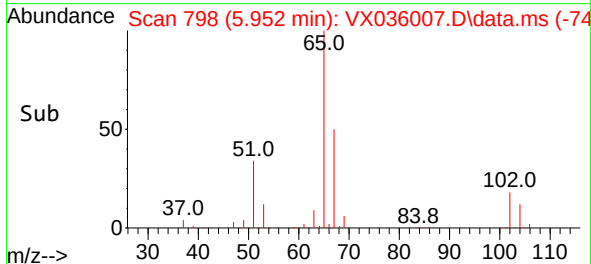
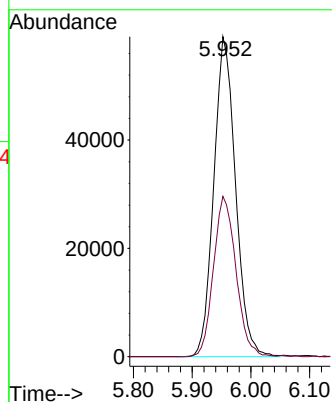
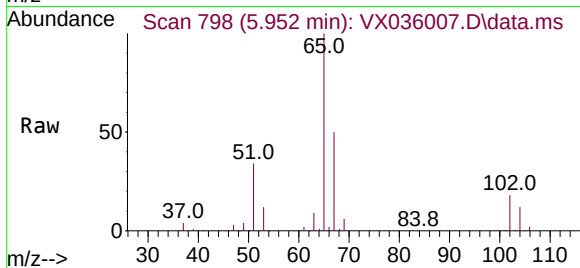
BP-VPB-RW11-GW-658-660

Tgt Ion: 65 Resp: 152130

Ion Ratio Lower Upper

65 100

67 51.8 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036007.D

Acq: 05 Jun 2023 16:29

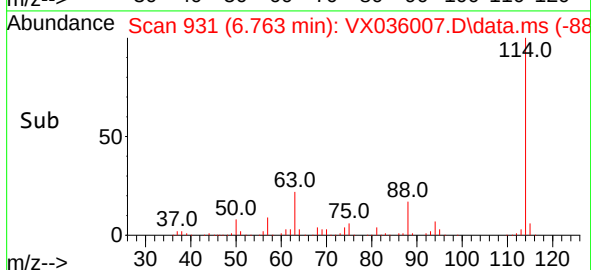
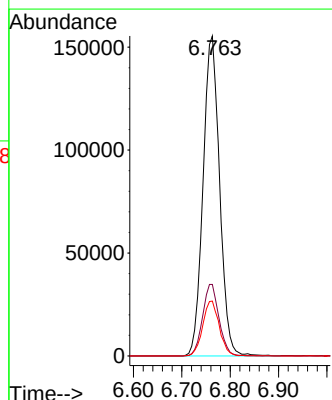
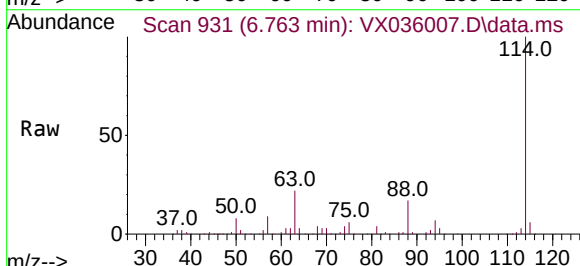
Tgt Ion: 114 Resp: 369387

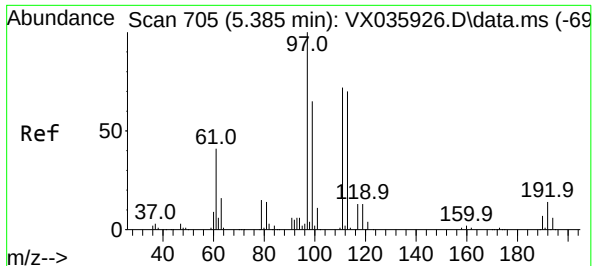
Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.0

88 17.1 0.0 35.2





#35

Dibromofluoromethane

Concen: 44.055 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036007.D

Acq: 05 Jun 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW11-GW-658-660

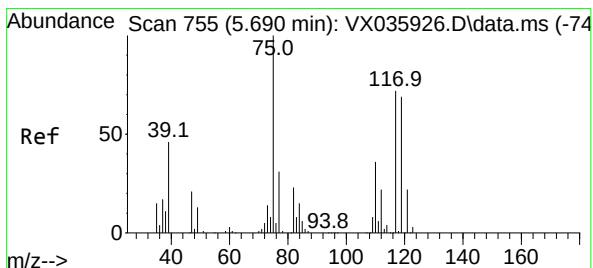
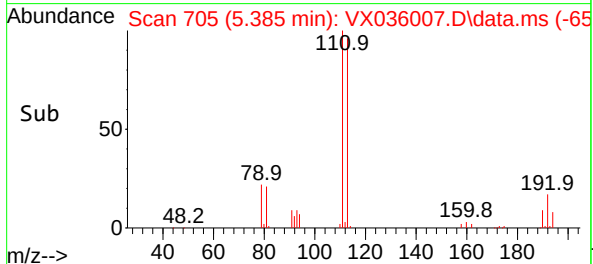
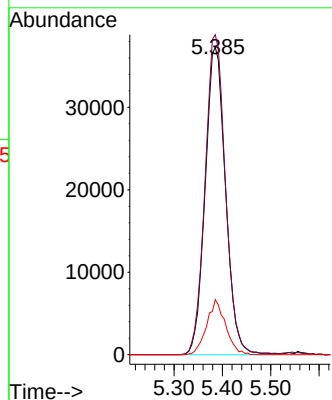
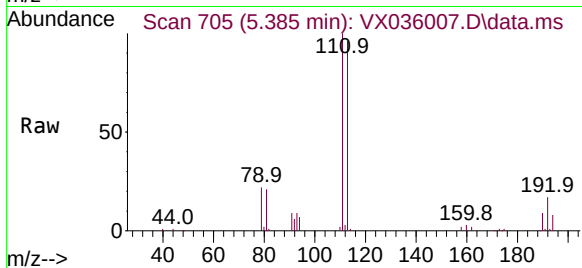
Tgt Ion:113 Resp: 109453

Ion Ratio Lower Upper

113 100

111 103.6 81.7 122.5

192 16.6 13.5 20.3



#36

1,1-Dichloropropene

Concen: 6.117 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX036007.D

Acq: 05 Jun 2023 16:29

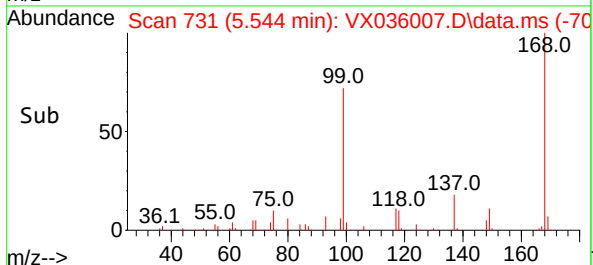
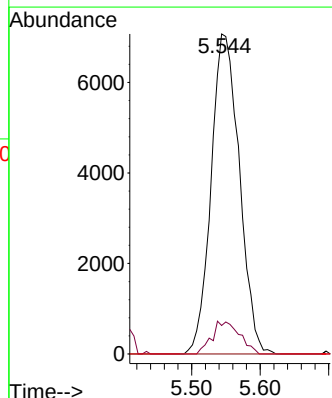
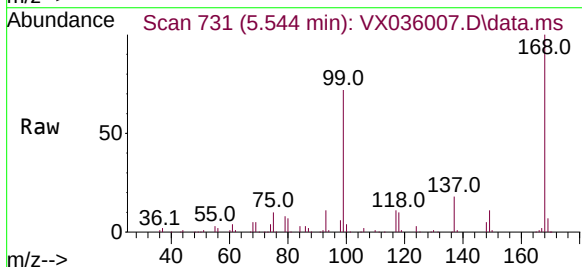
Tgt Ion: 75 Resp: 20262

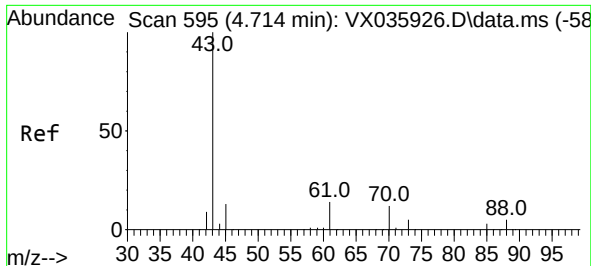
Ion Ratio Lower Upper

75 100

110 10.0 16.6 49.7#

77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.212 ug/l

RT: 4.581 min Scan# 51

Delta R.T. -0.127 min

Lab File: VX036007.D

Acq: 05 Jun 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW11-GW-658-660

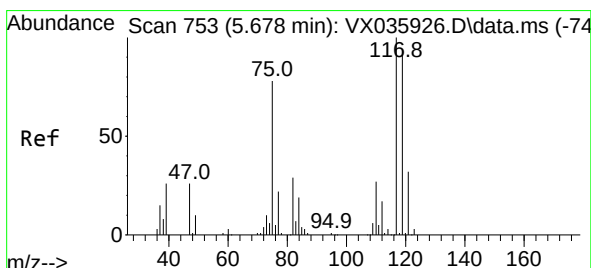
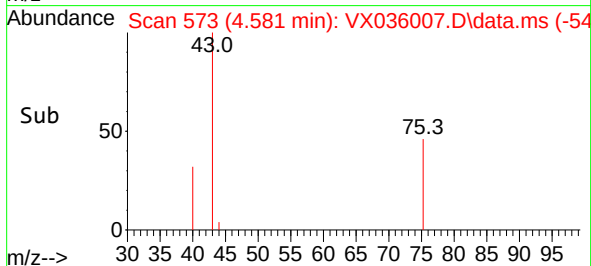
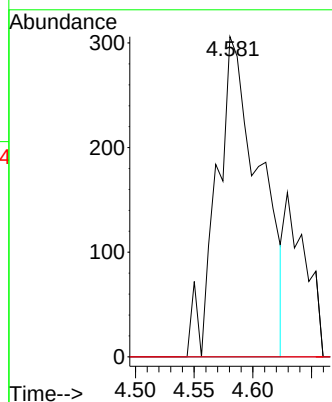
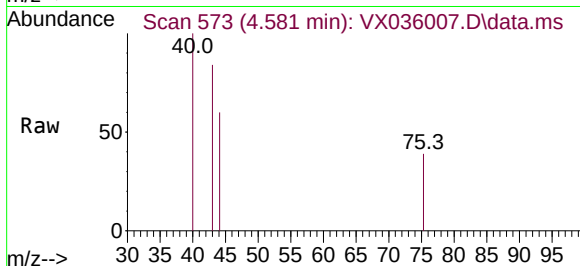
Tgt Ion: 43 Resp: 782

Ion Ratio Lower Upper

43 100

61 0.0 10.3 15.5#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 7.851 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX036007.D

Acq: 05 Jun 2023 16:29

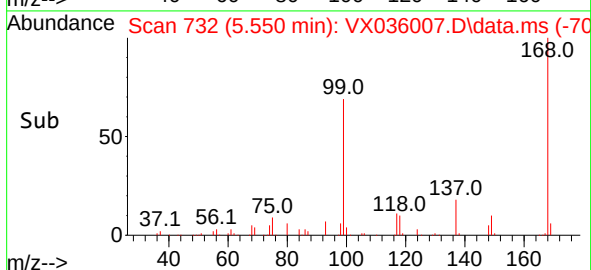
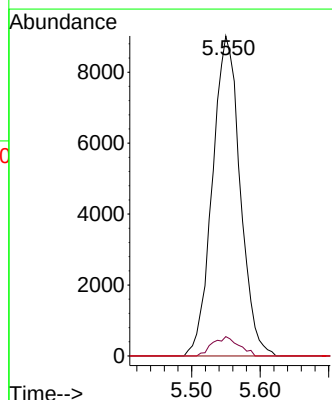
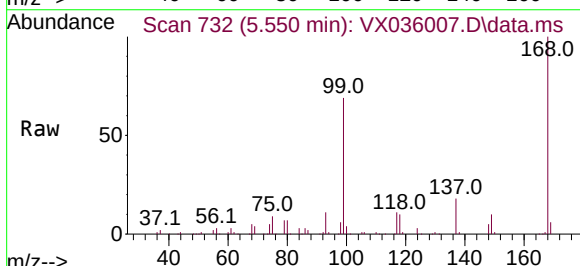
Tgt Ion: 117 Resp: 25346

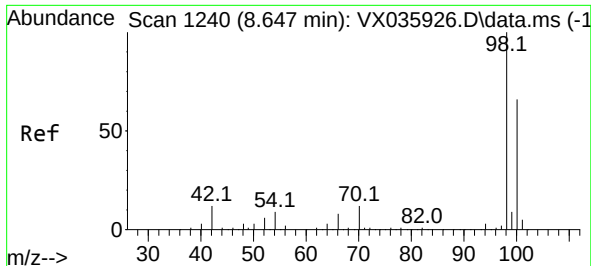
Ion Ratio Lower Upper

117 100

119 6.1 74.1 111.1#

121 0.0 25.0 37.4#

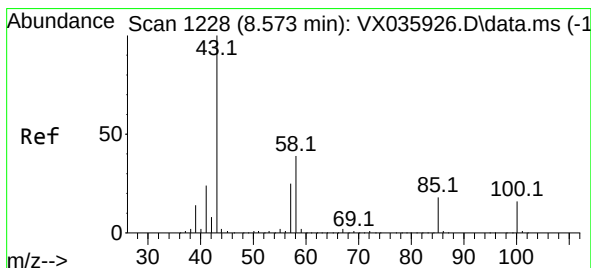
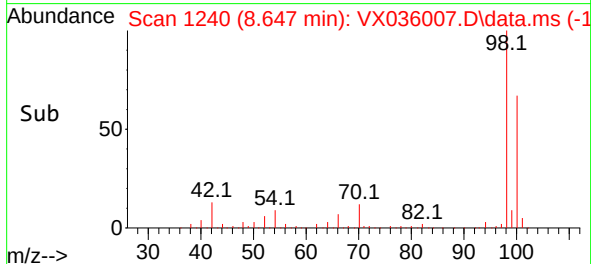
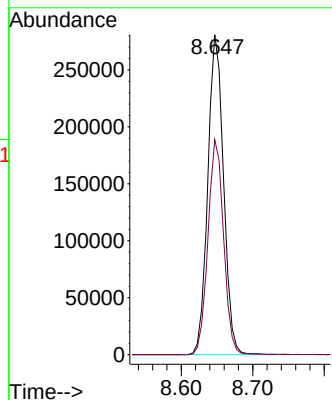
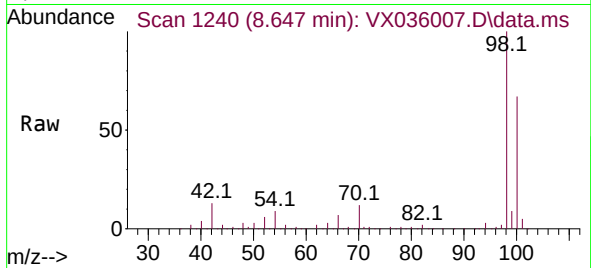




#50
Toluene-d8
Concen: 48.189 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036007.D
Acq: 05 Jun 2023 16:29

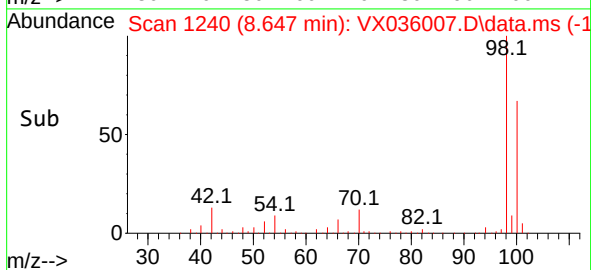
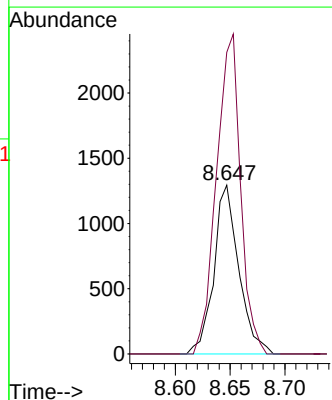
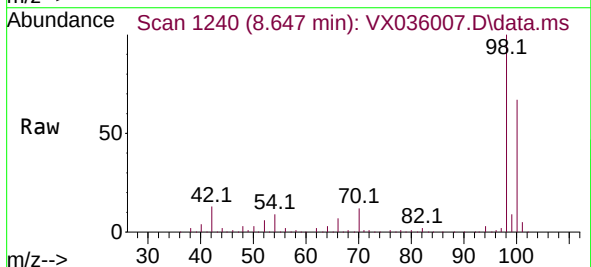
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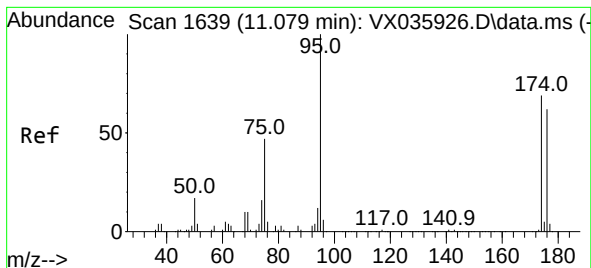
Tgt Ion: 98 Resp: 429680
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.553 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX036007.D
Acq: 05 Jun 2023 16:29

Tgt Ion: 43 Resp: 2046
Ion Ratio Lower Upper
43 100
58 183.8 30.1 45.1#

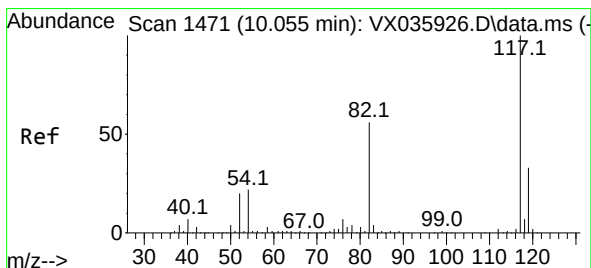
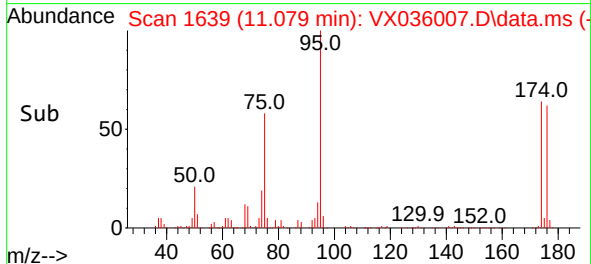
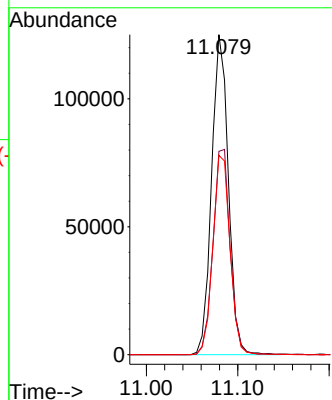
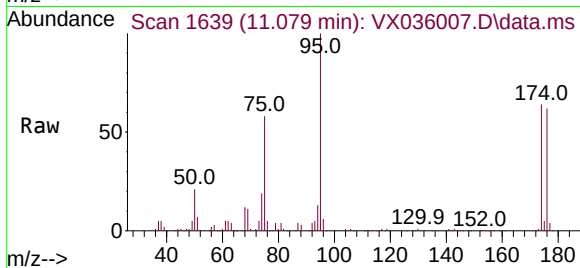




#62
4-Bromofluorobenzene
Concen: 45.096 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036007.D
Acq: 05 Jun 2023 16:29

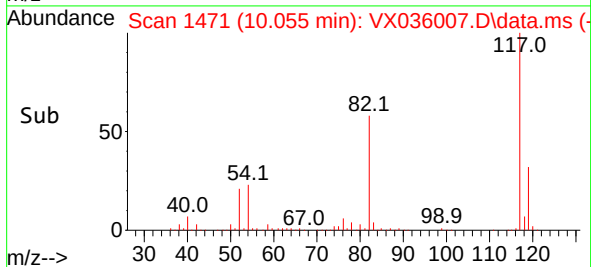
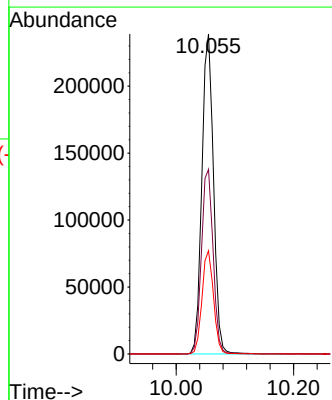
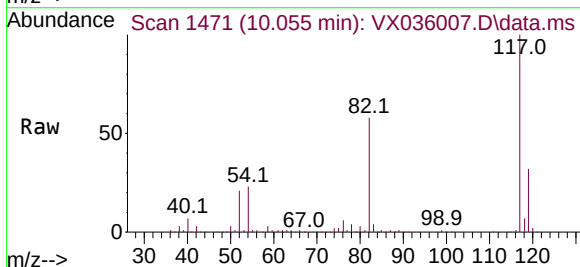
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-658-660

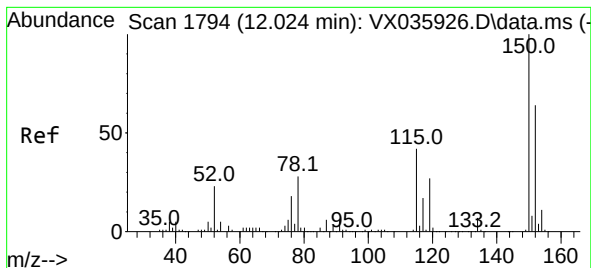
Tgt Ion: 95 Resp: 158732
Ion Ratio Lower Upper
95 100
174 65.8 0.0 132.6
176 64.0 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036007.D
Acq: 05 Jun 2023 16:29

Tgt Ion: 117 Resp: 326586
Ion Ratio Lower Upper
117 100
82 57.7 46.6 69.8
119 32.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036007.D

Acq: 05 Jun 2023 16:29

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW11-GW-658-660

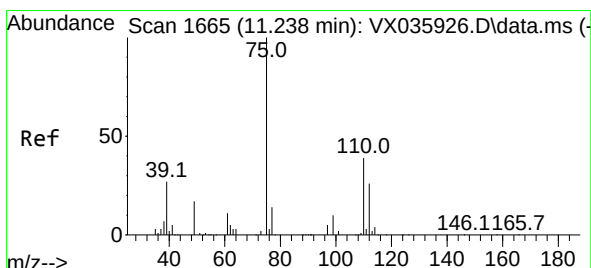
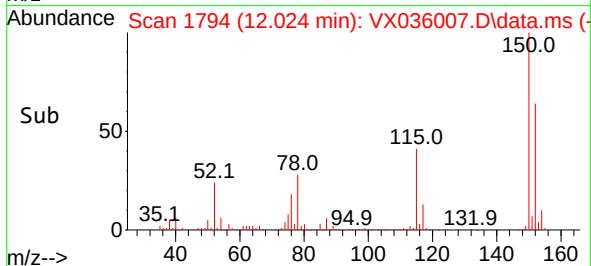
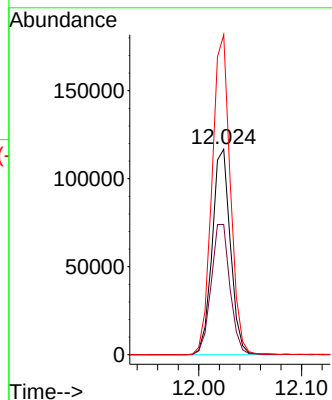
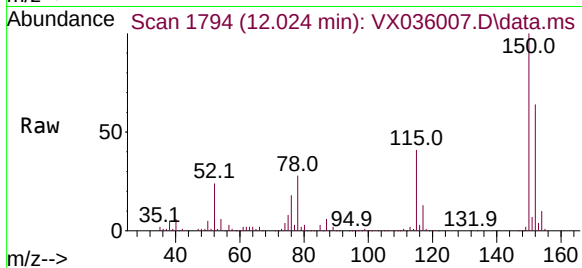
Tgt Ion:152 Resp: 143402

Ion Ratio Lower Upper

152 100

115 65.8 45.5 136.5

150 156.3 0.0 345.2



#76

1,2,3-Trichloropropane

Concen: 27.438 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036007.D

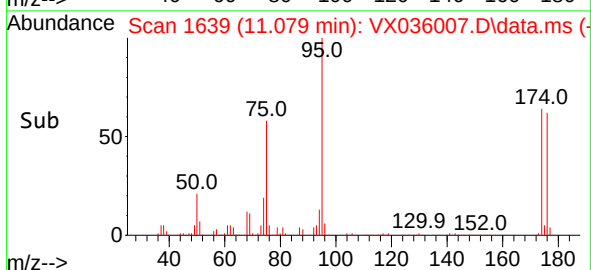
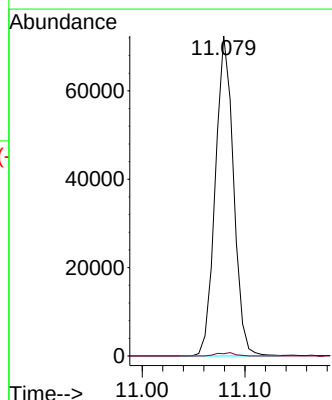
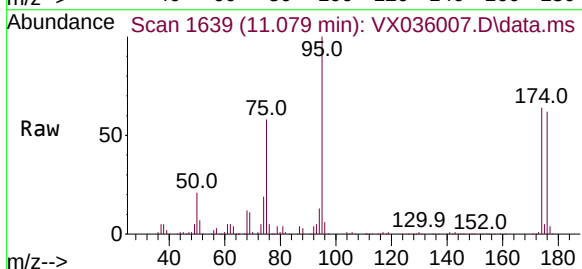
Acq: 05 Jun 2023 16:29

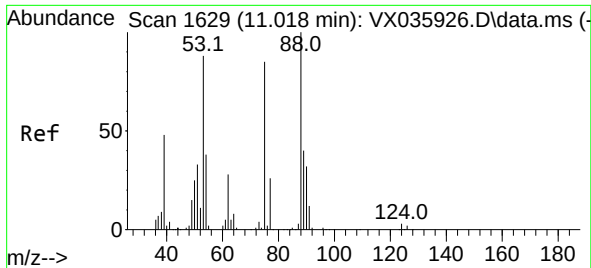
Tgt Ion: 75 Resp: 88743

Ion Ratio Lower Upper

75 100

77 1.0 21.4 64.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.419 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036007.D
 Acq: 05 Jun 2023 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-GW-658-660

Tgt Ion: 75 Resp: 88743
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.2 142.8#
 89 0.0 38.0 57.0#

