

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
 Data File : VX028917.D
 Acq On : 24 May 2022 13:35
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SLP-1

Quant Time: May 25 01:48:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

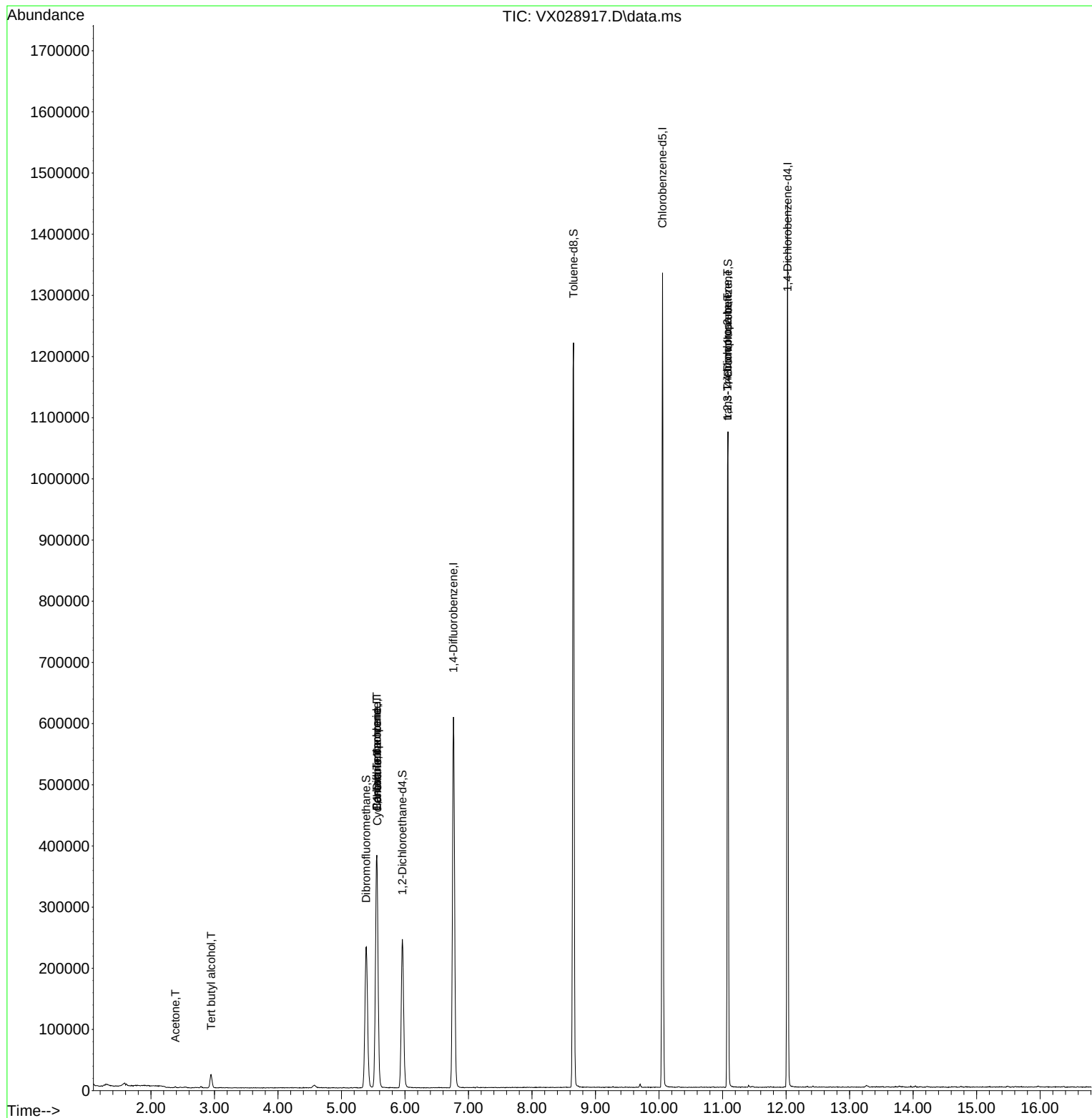
Internal Standards						
1) Pentafluorobenzene	5.556	168	358386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	631936	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	598203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	286530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	239742	48.801	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.600%
35) Dibromofluoromethane	5.385	113	203901	49.247	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.500%
50) Toluene-d8	8.653	98	744599	47.700	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.400%
62) 4-Bromofluorobenzene	11.085	95	294081	50.439	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.880%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	1444	Below Cal		100
6) Chloroethane	1.703	64	742	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	12260	3.905	ug/l #	73
16) Acetone	2.386	43	1780	0.844	ug/l	88
31) Cyclohexane	5.562	56	7237	1.061	ug/l #	30
36) 1,1-Dichloropropene	5.556	75	28052	4.511	ug/l #	49
38) Carbon Tetrachloride	5.556	117	38107	6.089	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	149035	22.210	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	149035	64.999	ug/l #	15

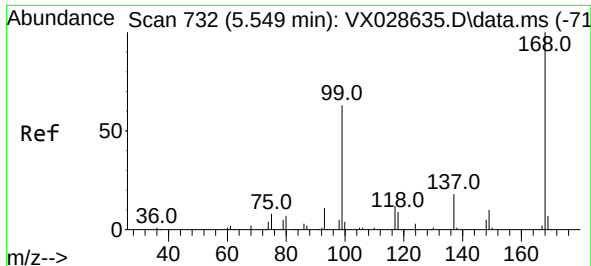
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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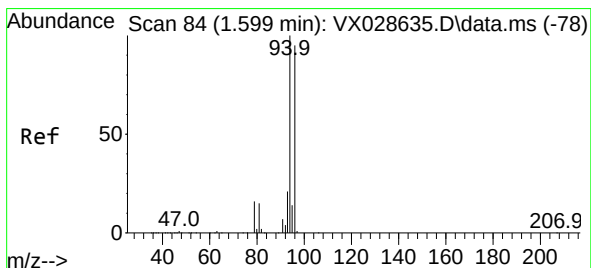
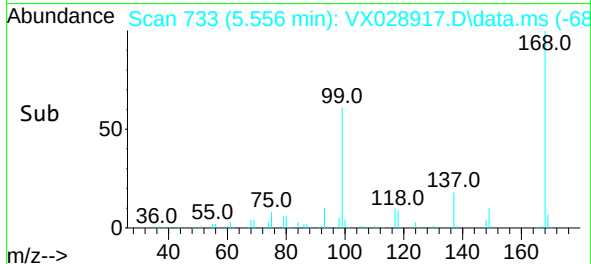
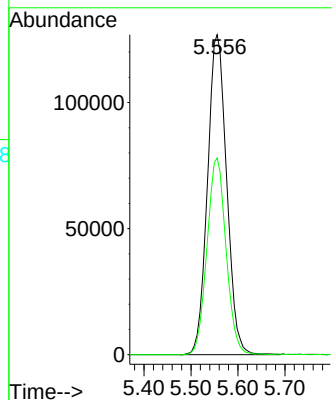
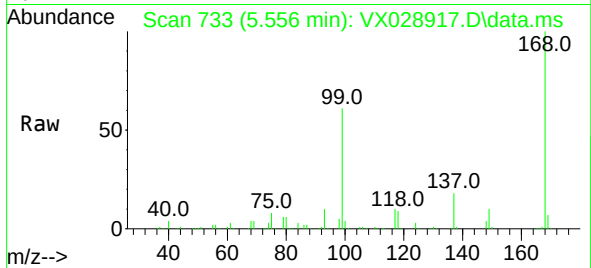




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028917.D
Acq: 24 May 2022 13:35

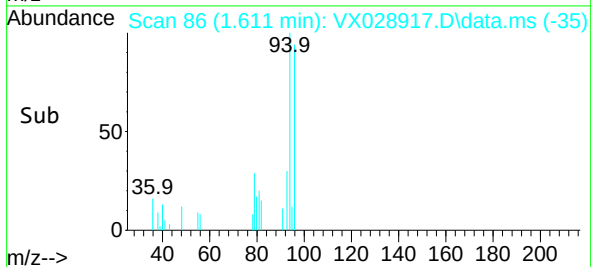
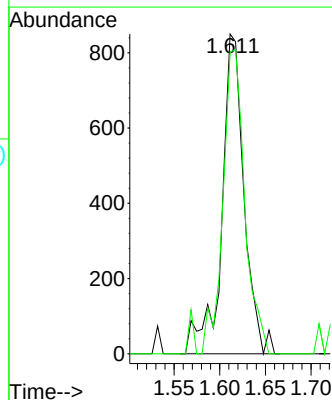
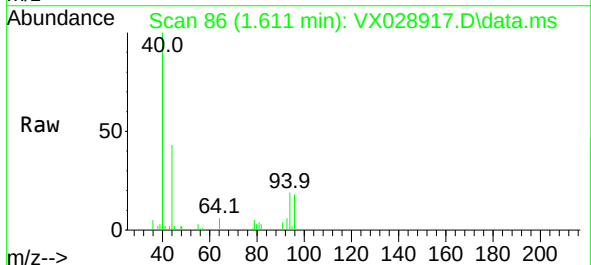
Instrument :
MSVOA_X
ClientSampleId :
SLP-1

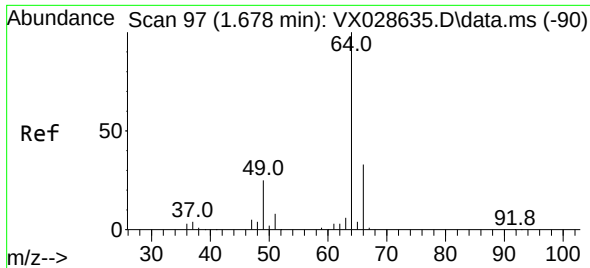
Tgt Ion:168 Resp: 358386
Ion Ratio Lower Upper
168 100
99 61.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX028917.D
Acq: 24 May 2022 13:35

Tgt Ion: 94 Resp: 1444
Ion Ratio Lower Upper
94 100
96 94.2 75.3 112.9

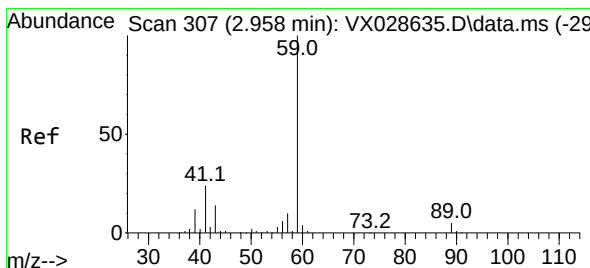
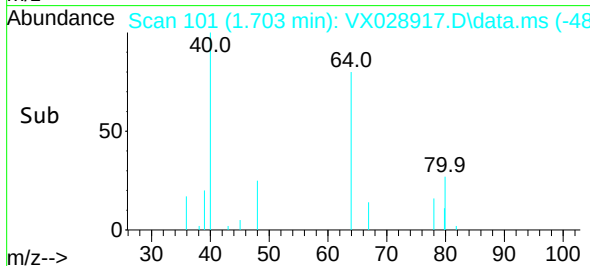
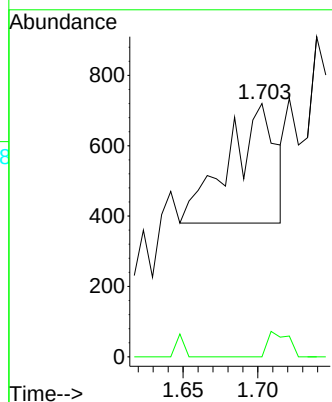
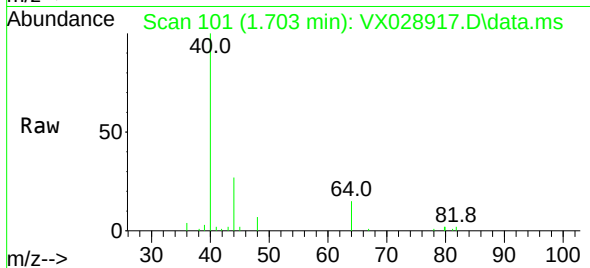




#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.025 min
Lab File: VX028917.D
Acq: 24 May 2022 13:35

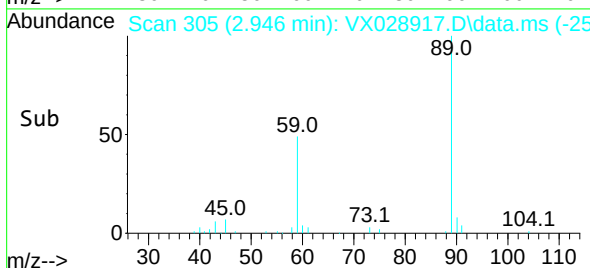
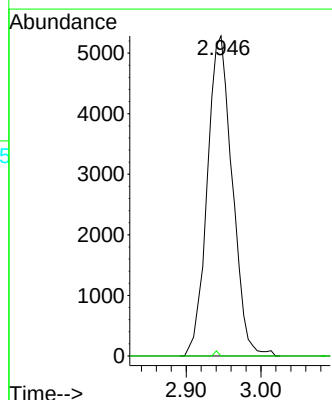
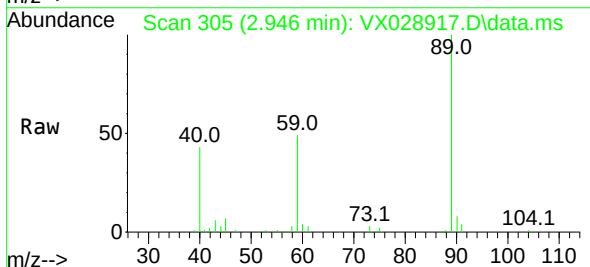
Instrument :
MSVOA_X
ClientSampleId :
SLP-1

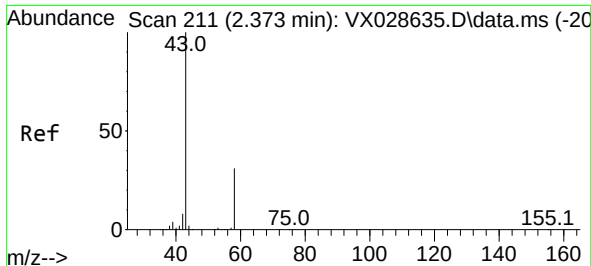
Tgt Ion: 64 Resp: 742
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 3.905 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX028917.D
Acq: 24 May 2022 13:35

Tgt Ion: 59 Resp: 12260
Ion Ratio Lower Upper
59 100
57 0.3 8.3 12.5#

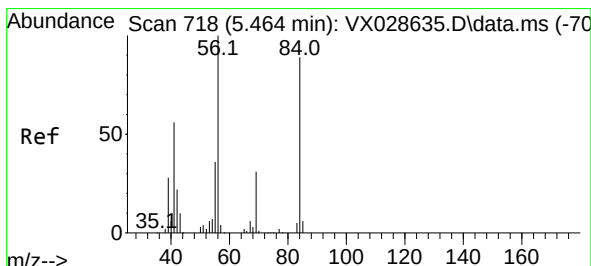
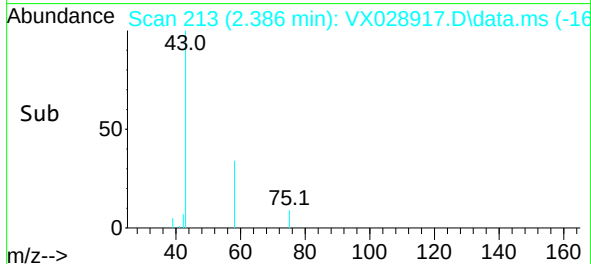
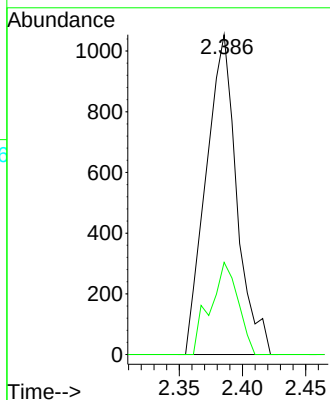
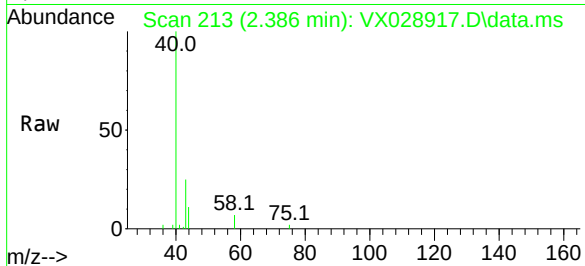




#16
Acetone
Concen: 0.844 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.013 min
Lab File: VX028917.D
Acq: 24 May 2022 13:35

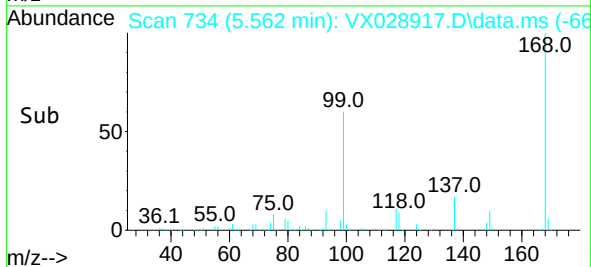
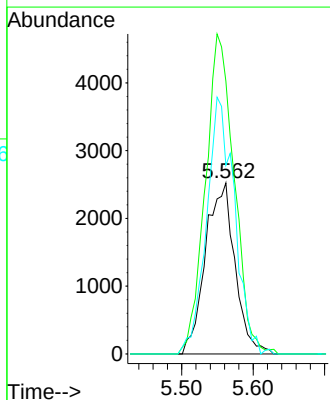
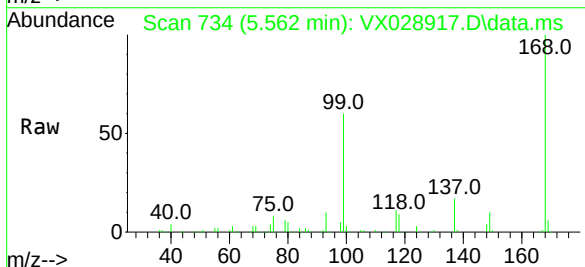
Instrument :
MSVOA_X
ClientSampleId :
SLP-1

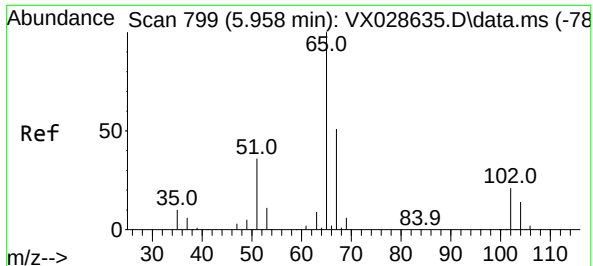
Tgt Ion: 43 Resp: 1780
Ion Ratio Lower Upper
43 100
58 28.8 28.8 43.2



#31
Cyclohexane
Concen: 1.061 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.098 min
Lab File: VX028917.D
Acq: 24 May 2022 13:35

Tgt Ion: 56 Resp: 7237
Ion Ratio Lower Upper
56 100
69 159.5 26.7 40.1#
84 113.6 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 48.801 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028917.D

Acq: 24 May 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

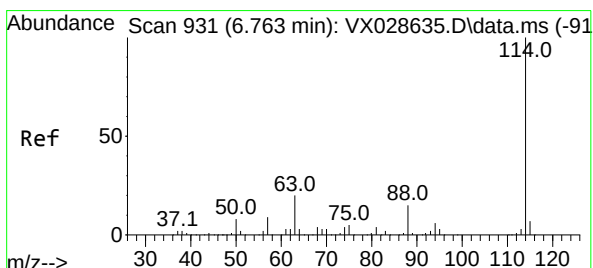
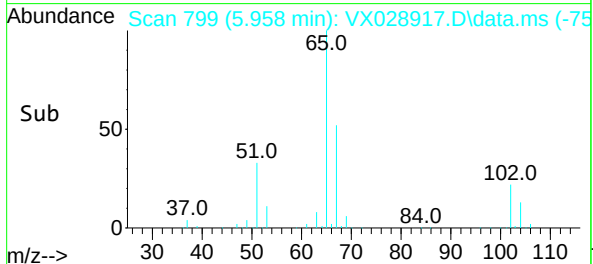
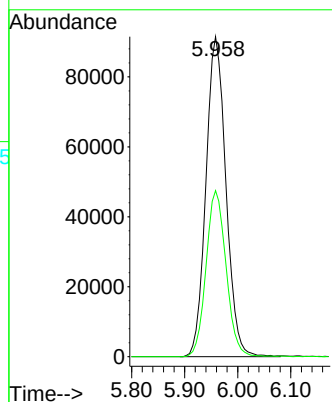
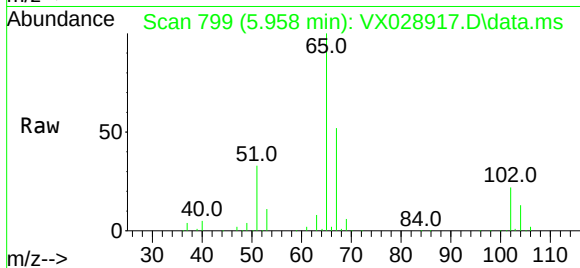
SLP-1

Tgt Ion: 65 Resp: 239742

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028917.D

Acq: 24 May 2022 13:35

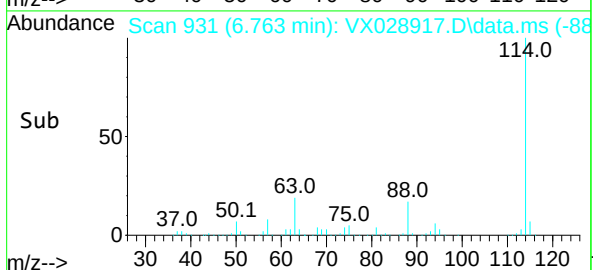
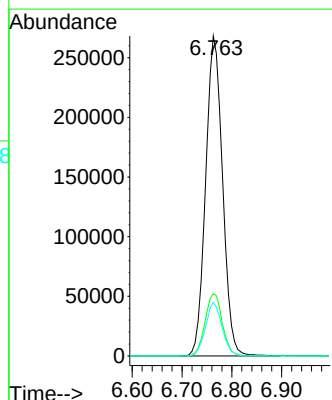
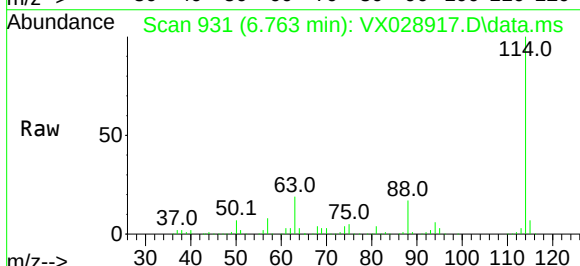
Tgt Ion: 114 Resp: 631936

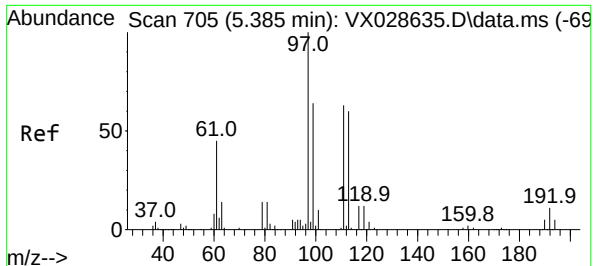
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.8

88 16.8 0.0 32.4

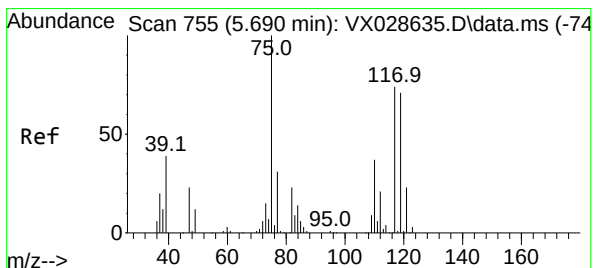
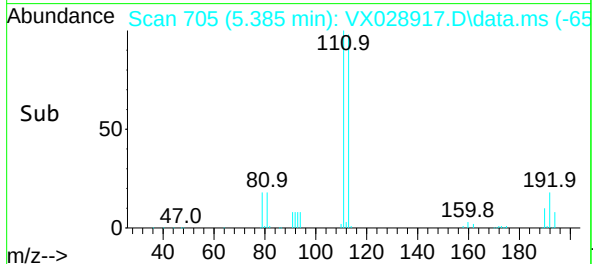
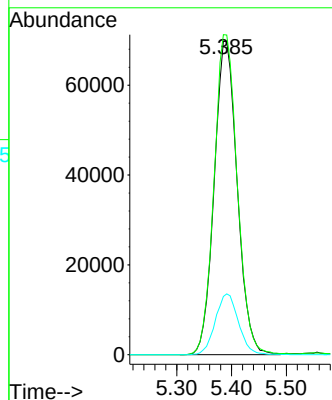
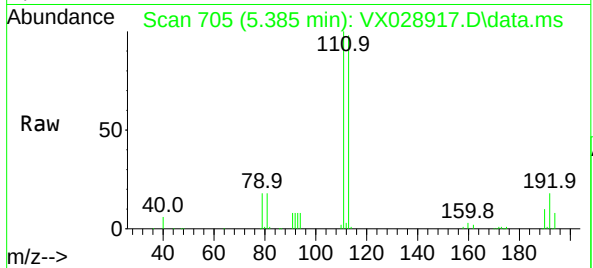




#35
Dibromofluoromethane
Concen: 49.247 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX028917.D
Acq: 24 May 2022 13:35

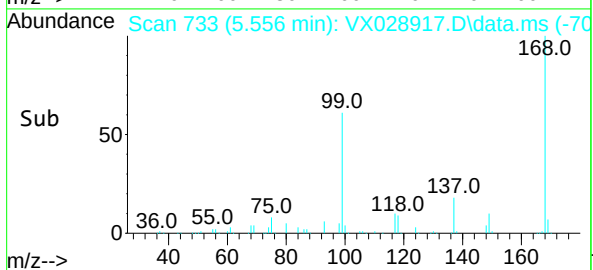
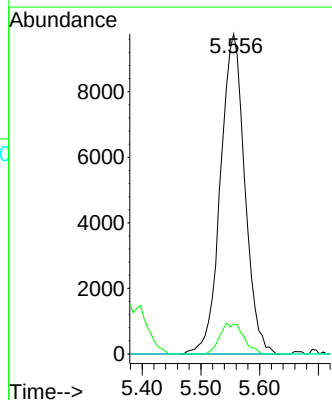
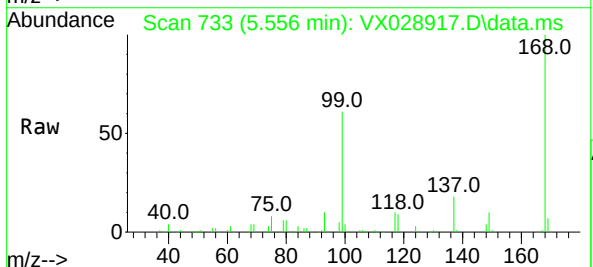
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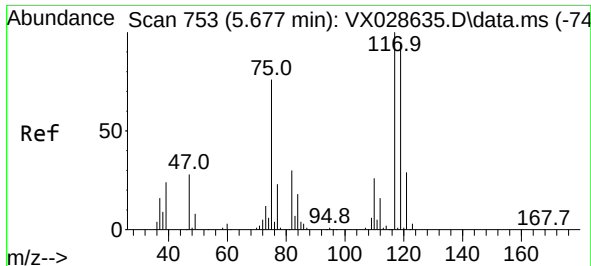
Tgt Ion:113 Resp: 203901
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.511 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028917.D
Acq: 24 May 2022 13:35

Tgt Ion: 75 Resp: 28052
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#

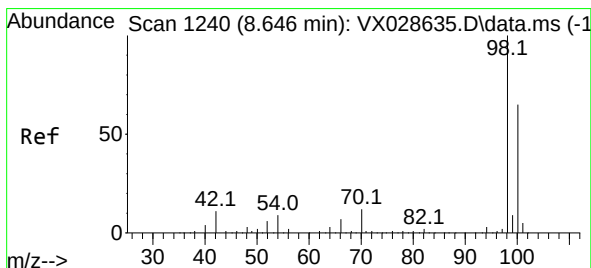
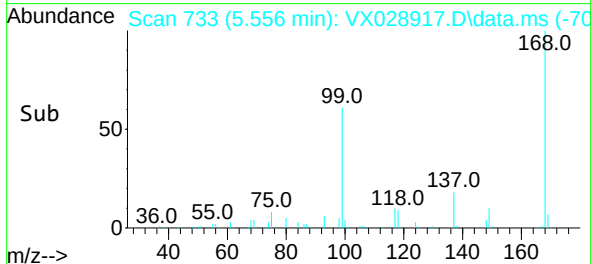
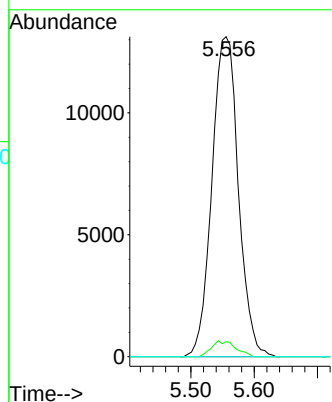
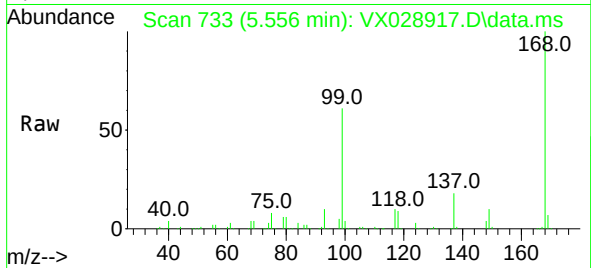




#38
Carbon Tetrachloride
Concen: 6.089 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028917.D
Acq: 24 May 2022 13:35

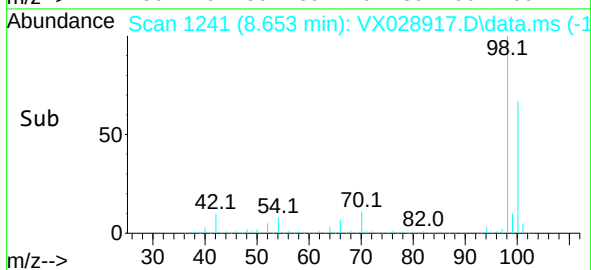
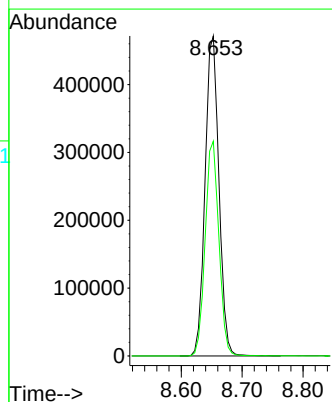
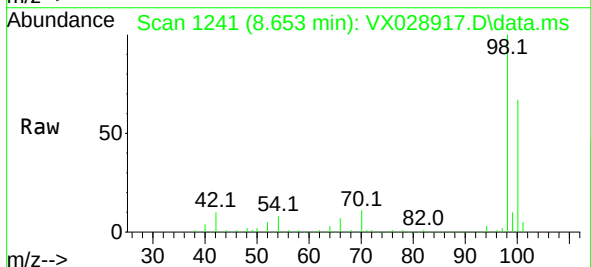
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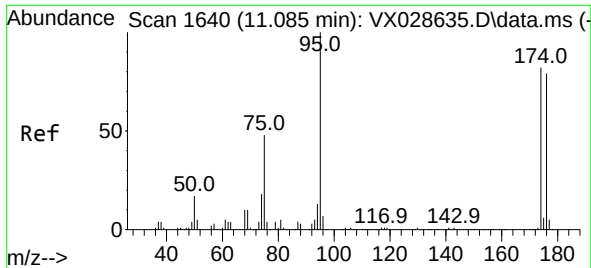
Tgt Ion:117 Resp: 38107
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.700 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028917.D
Acq: 24 May 2022 13:35

Tgt Ion: 98 Resp: 744599
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8

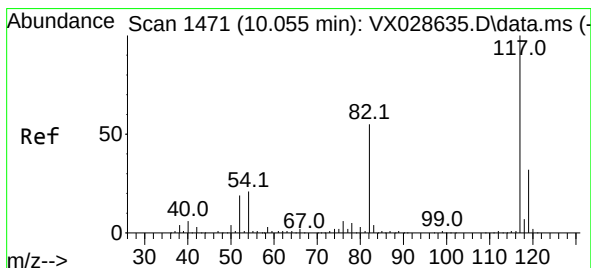
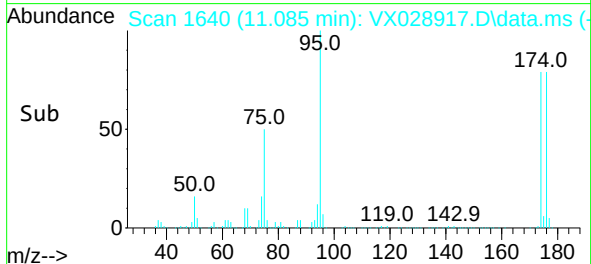
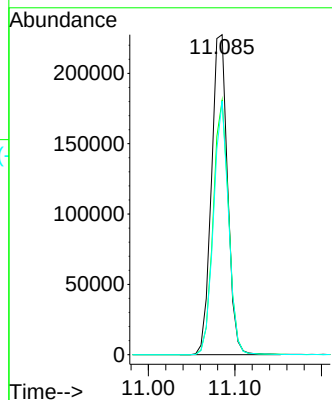
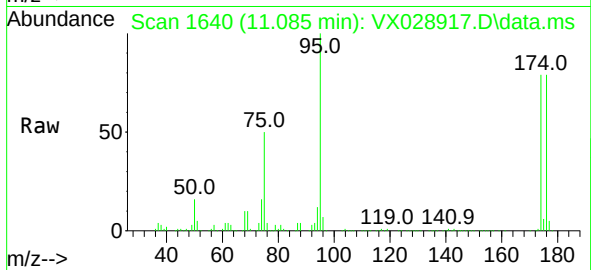




#62
4-Bromofluorobenzene
Concen: 50.439 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028917.D
Acq: 24 May 2022 13:35

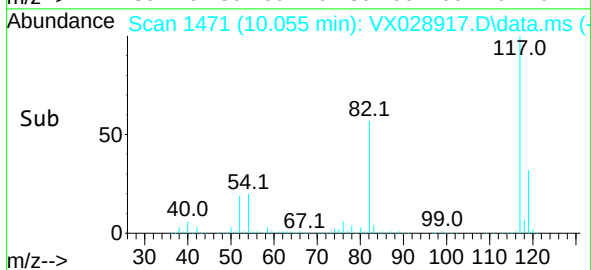
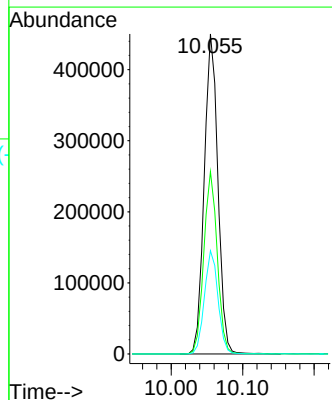
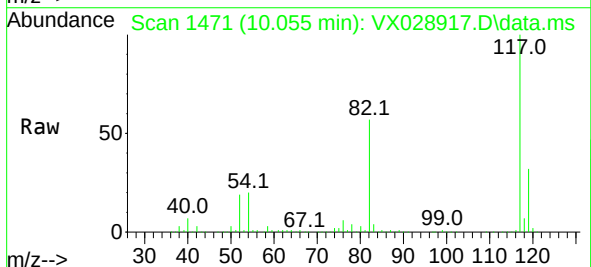
Instrument :
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SLP-1

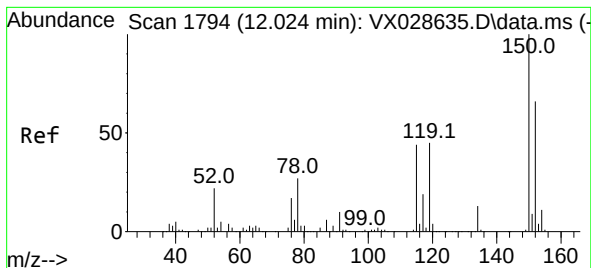
Tgt Ion: 95 Resp: 294081
Ion Ratio Lower Upper
95 100
174 76.3 0.0 163.0
176 73.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028917.D
Acq: 24 May 2022 13:35

Tgt Ion: 117 Resp: 598203
Ion Ratio Lower Upper
117 100
82 57.0 41.8 62.8
119 32.3 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028917.D

Acq: 24 May 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

SLP-1

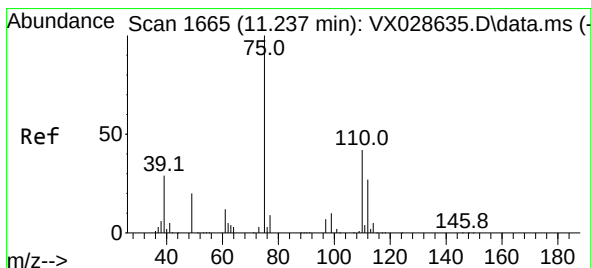
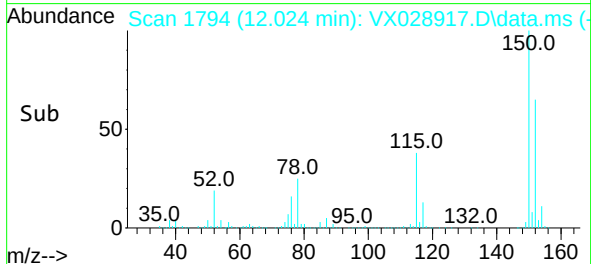
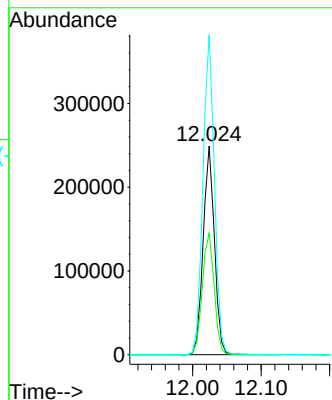
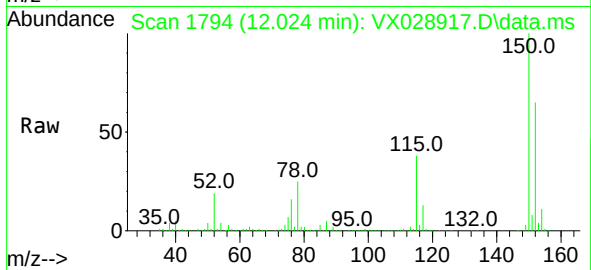
Tgt Ion:152 Resp: 286530

Ion Ratio Lower Upper

152 100

115 61.2 37.5 112.7

150 155.9 0.0 338.2



#76

1,2,3-Trichloropropane

Concen: 22.210 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX028917.D

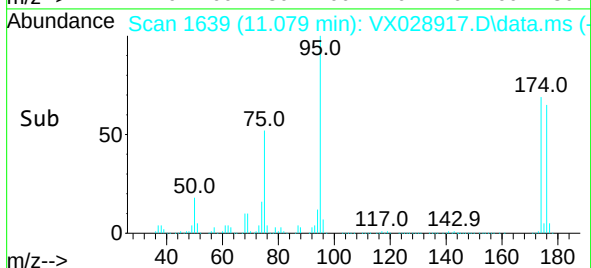
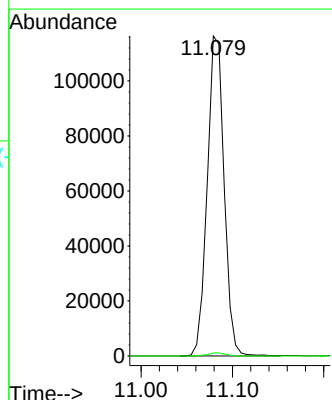
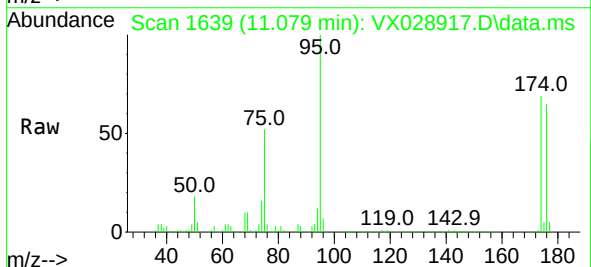
Acq: 24 May 2022 13:35

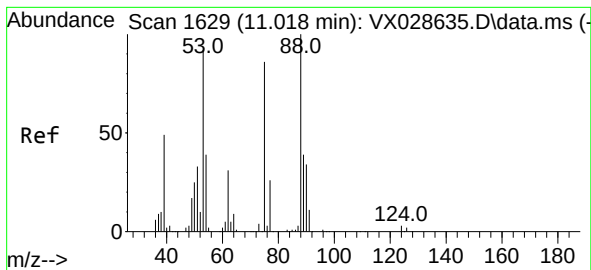
Tgt Ion: 75 Resp: 149035

Ion Ratio Lower Upper

75 100

77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.999 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028917.D
 Acq: 24 May 2022 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SLP-1

Tgt Ion: 75 Resp: 149035
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

