

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
 Data File : VX036004.D
 Acq On : 05 Jun 2023 15:19
 Operator : JC/MD
 Sample : 03022-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-GW-598-600

Quant Time: Jun 06 06:45:27 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)

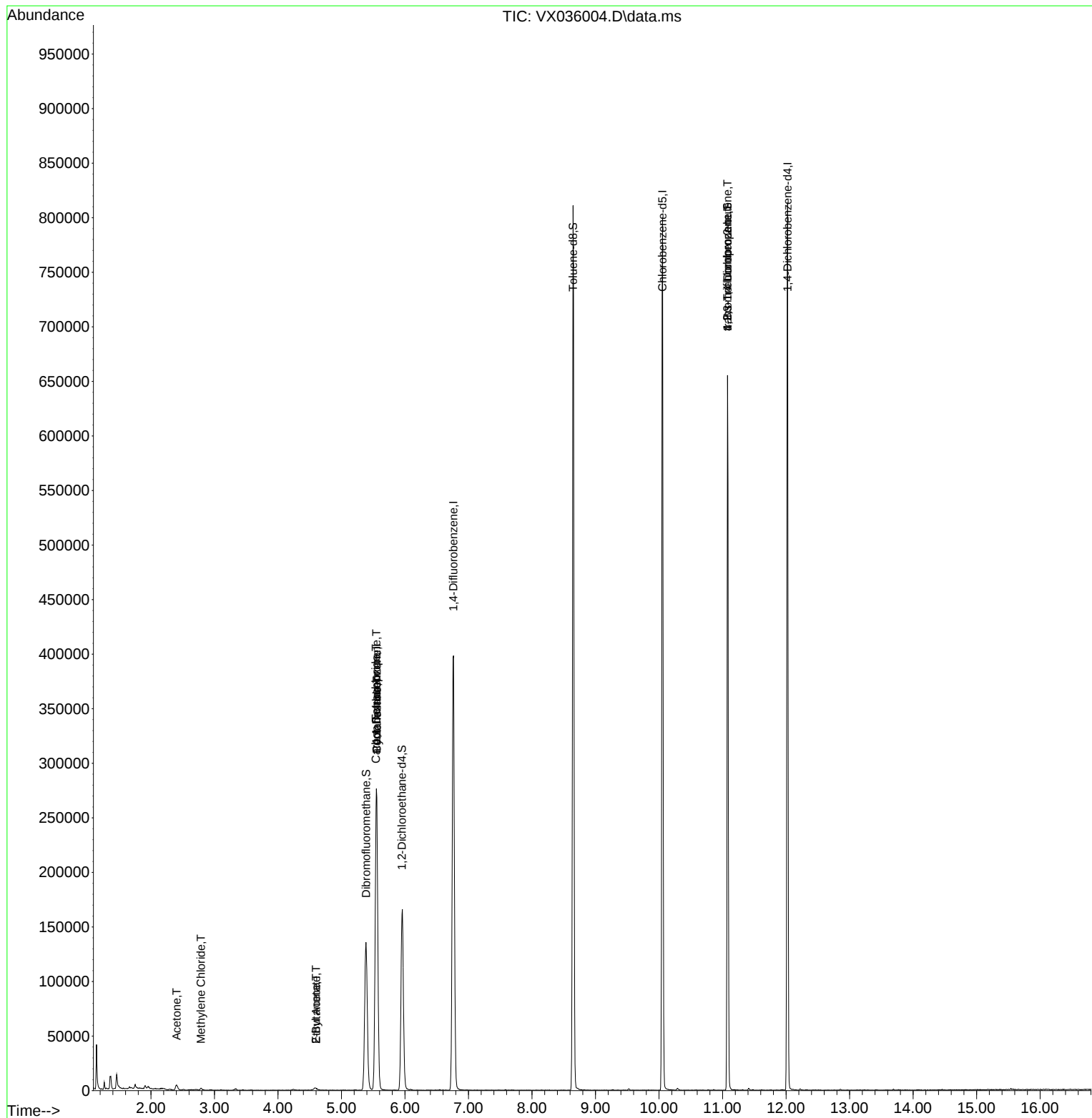
Internal Standards						
1) Pentafluorobenzene	5.556	168	243512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	394303	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	348567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	166040	41.990	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.980%
35) Dibromofluoromethane	5.385	113	119870	45.199	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.400%
50) Toluene-d8	8.647	98	462260	48.567	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.140%
62) 4-Bromofluorobenzene	11.079	95	175104	46.603	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.200%
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	7704	4.722	ug/l	99
20) Methylene Chloride	2.788	84	772	0.246	ug/l #	86
25) 2-Butanone	4.599	43	1675	0.717	ug/l #	86
31) Cyclohexane	5.556	56	5684	1.373	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	21976	6.215	ug/l #	51
37) Ethyl Acetate	4.599	43	1675	0.425	ug/l #	70
38) Carbon Tetrachloride	5.543	117	27626	8.017	ug/l #	18
76) 1,2,3-Trichloropropane	11.079	75	95681	26.108	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	95681	87.940	ug/l #	3

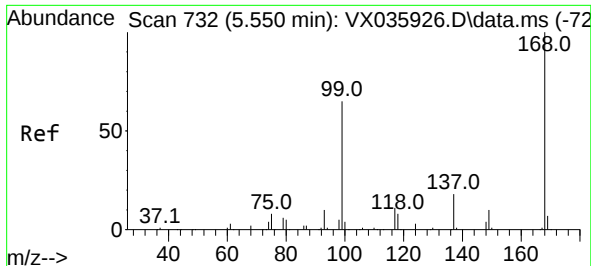
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

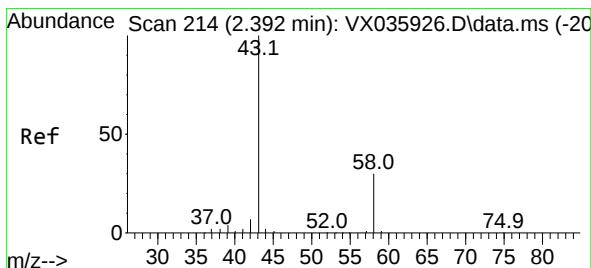
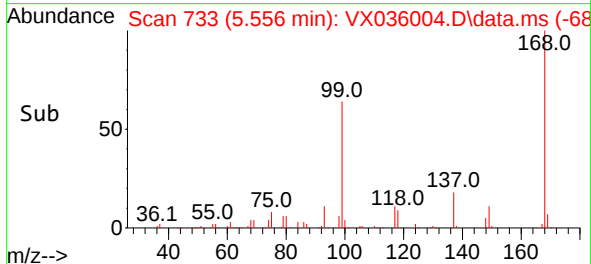
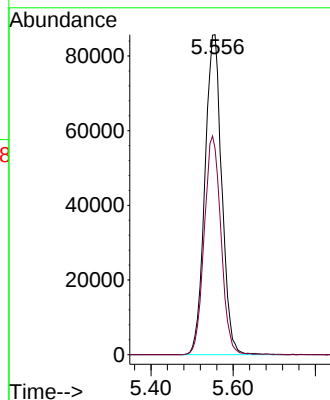
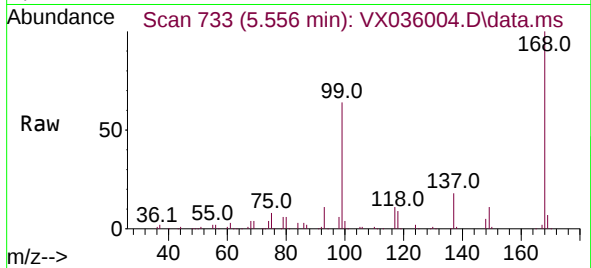




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036004.D
Acq: 05 Jun 2023 15:19

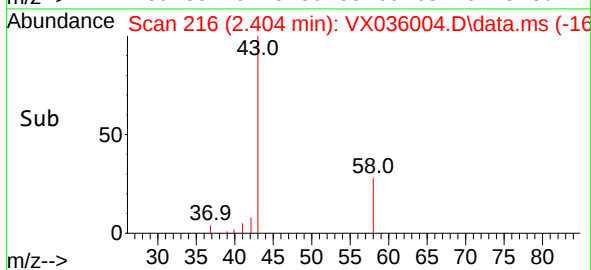
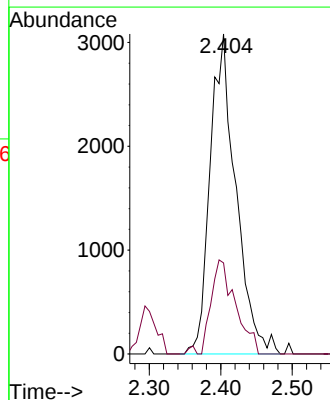
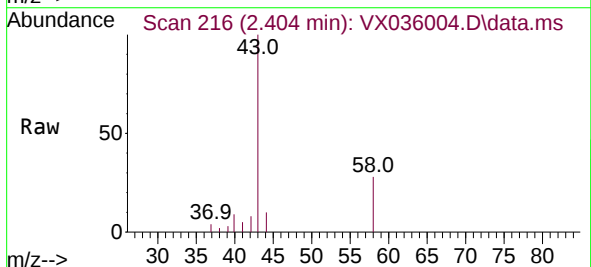
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-598-600

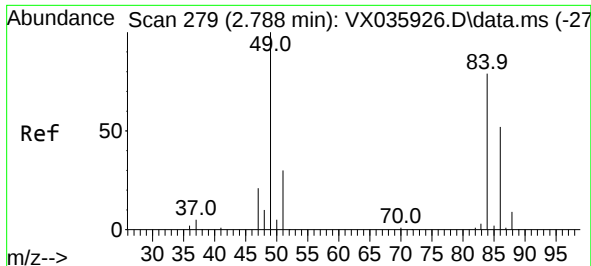
Tgt Ion:168 Resp: 243512
Ion Ratio Lower Upper
168 100
99 64.4 57.0 85.6



#16
Acetone
Concen: 4.722 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.013 min
Lab File: VX036004.D
Acq: 05 Jun 2023 15:19

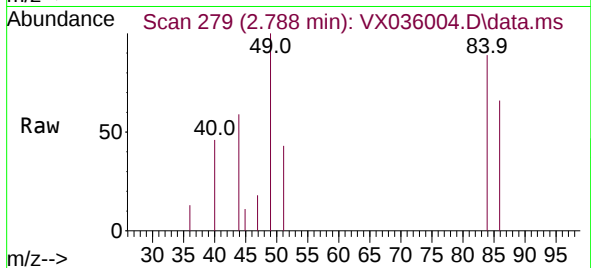
Tgt Ion: 43 Resp: 7704
Ion Ratio Lower Upper
43 100
58 28.5 22.2 33.2



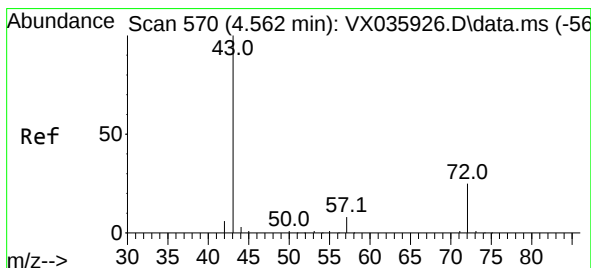
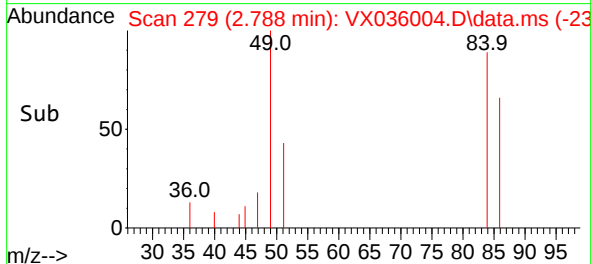
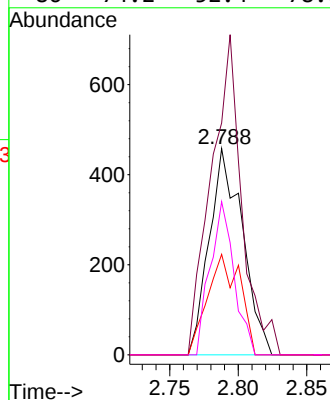


#20
Methylene Chloride
Concen: 0.246 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036004.D
Acq: 05 Jun 2023 15:19

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-598-600

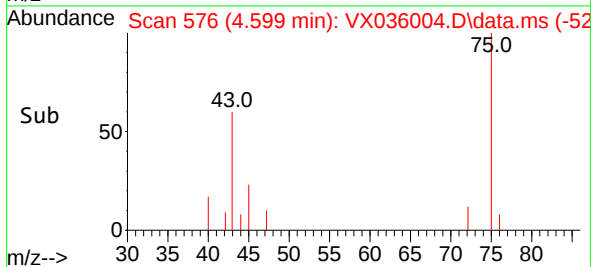
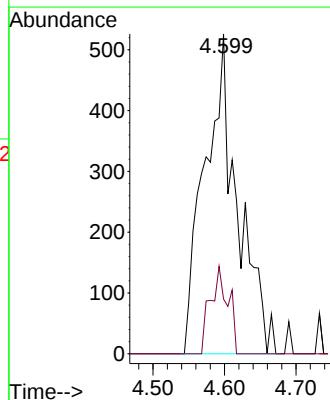
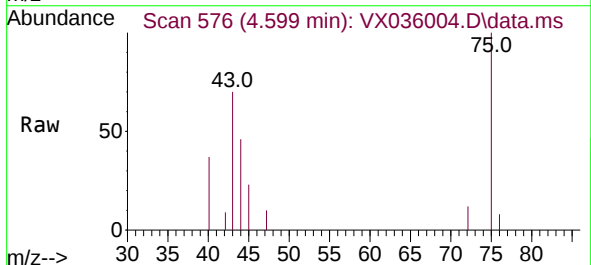


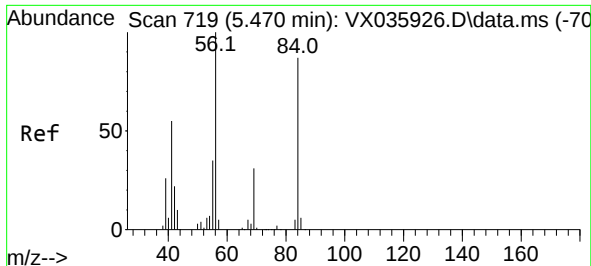
Tgt Ion:	84	Resp:	772
Ion	Ratio	Lower	Upper
84	100		
49	112.4	104.6	156.8
51	48.7	32.2	48.4#
86	74.2	52.4	78.6



#25
2-Butanone
Concen: 0.717 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.037 min
Lab File: VX036004.D
Acq: 05 Jun 2023 15:19

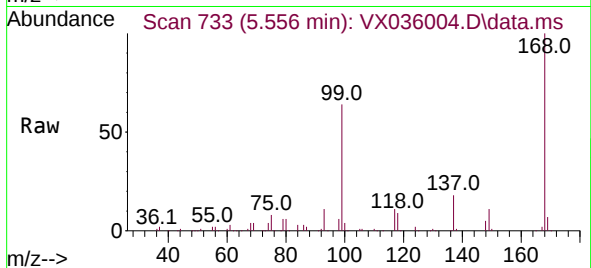
Tgt Ion:	43	Resp:	1675
Ion	Ratio	Lower	Upper
43	100		
72	17.1	19.4	29.2#





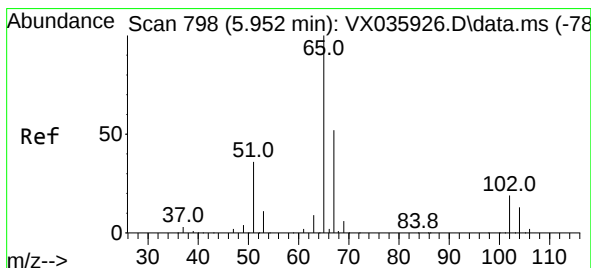
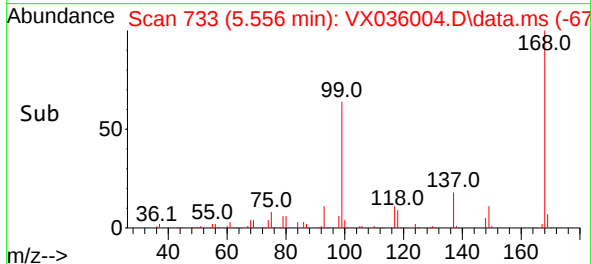
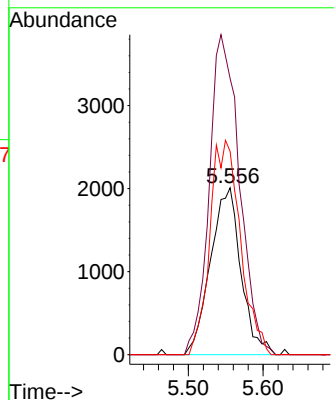
#31
Cyclohexane
Concen: 1.373 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX036004.D
Acq: 05 Jun 2023 15:19

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-598-600



Tgt Ion: 56 Resp: 5684

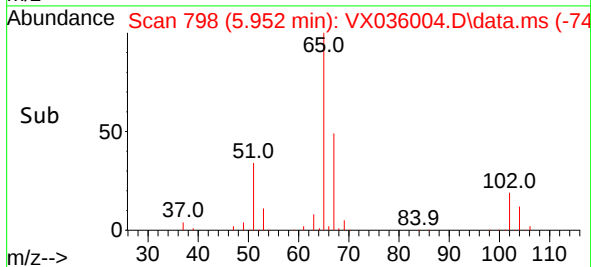
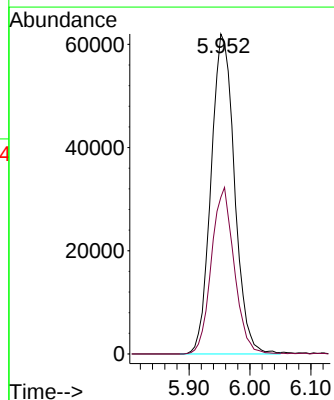
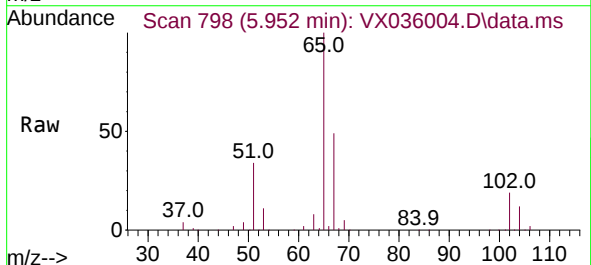
Ion	Ratio	Lower	Upper
56	100		
69	165.5	25.9	38.9#
84	121.8	67.6	101.4#

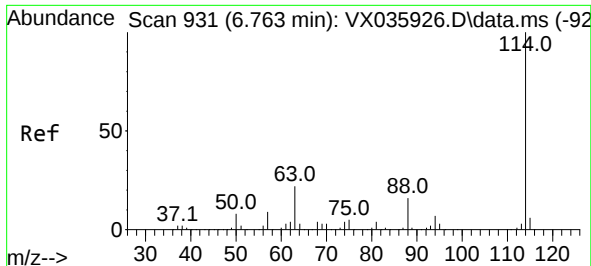


#33
1,2-Dichloroethane-d4
Concen: 41.990 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX036004.D
Acq: 05 Jun 2023 15:19

Tgt Ion: 65 Resp: 166040

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	99.6

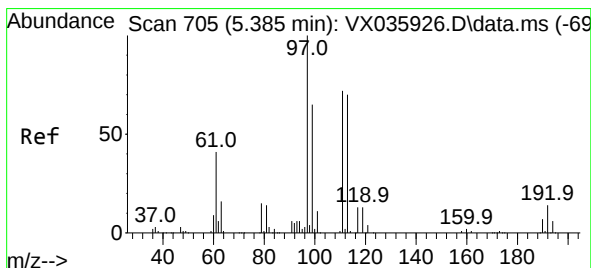
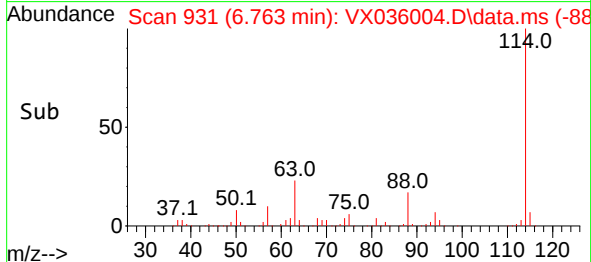
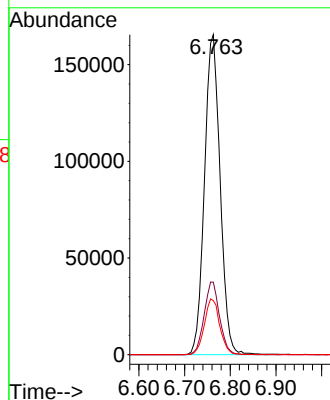
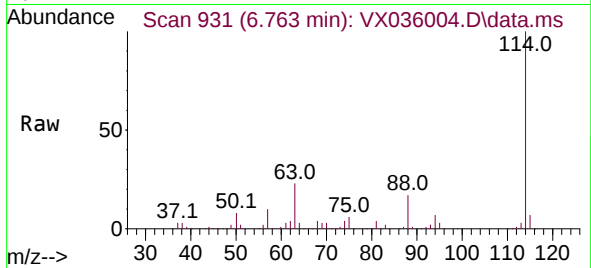




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036004.D
Acq: 05 Jun 2023 15:19

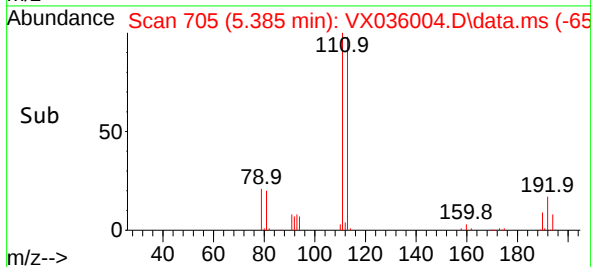
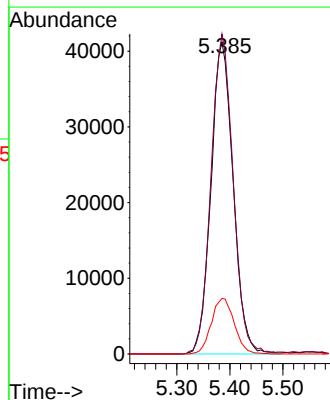
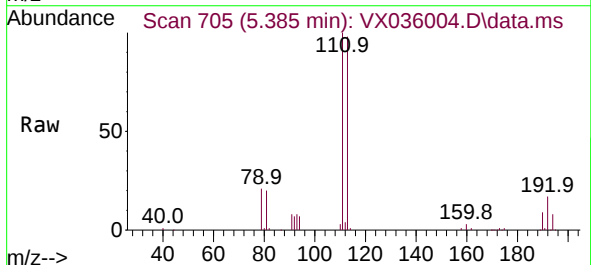
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-598-600

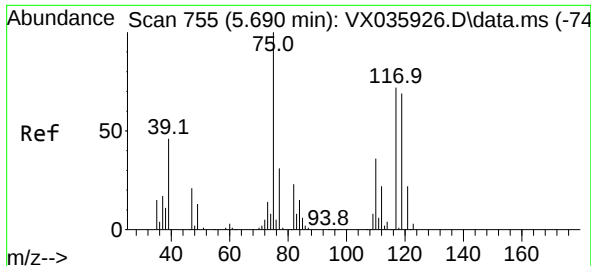
Tgt Ion:114 Resp: 394303
Ion Ratio Lower Upper
114 100
63 22.6 0.0 46.0
88 16.9 0.0 35.2



#35
Dibromofluoromethane
Concen: 45.199 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036004.D
Acq: 05 Jun 2023 15:19

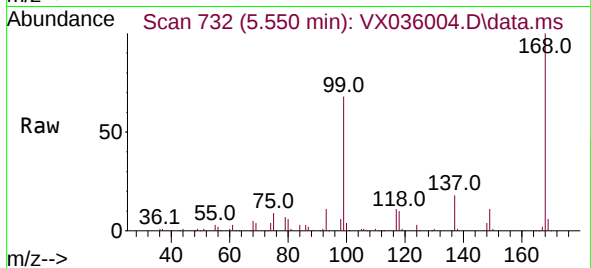
Tgt Ion:113 Resp: 119870
Ion Ratio Lower Upper
113 100
111 102.2 81.7 122.5
192 18.3 13.5 20.3



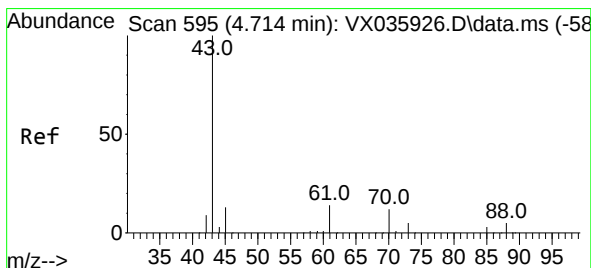
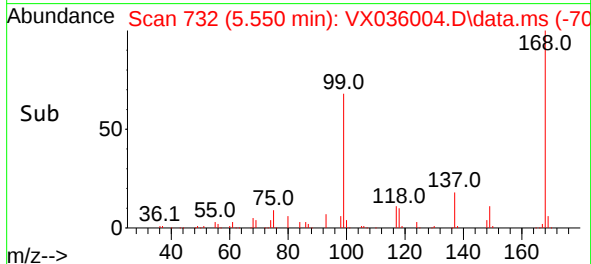
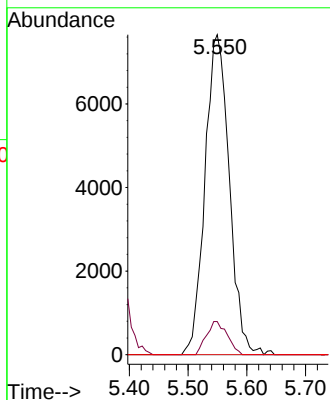


#36
1,1-Dichloropropene
Concen: 6.215 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX036004.D
Acq: 05 Jun 2023 15:19

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-598-600

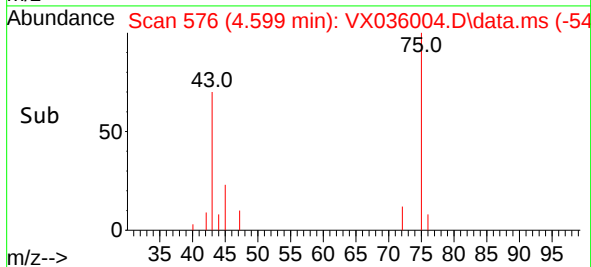
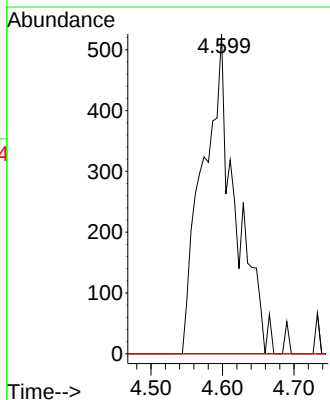
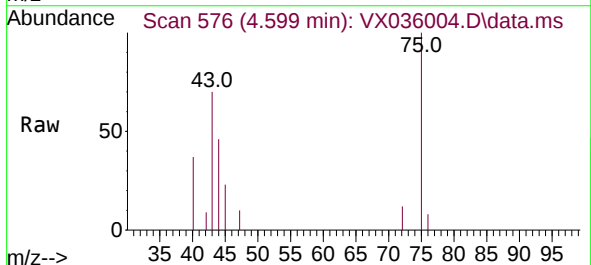


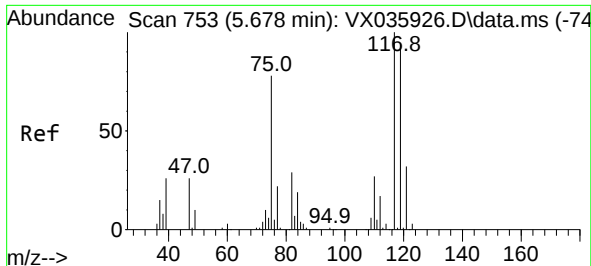
Tgt Ion: 75 Resp: 21976
Ion Ratio Lower Upper
75 100
110 8.9 16.6 49.7#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 0.425 ug/l
RT: 4.599 min Scan# 576
Delta R.T. -0.109 min
Lab File: VX036004.D
Acq: 05 Jun 2023 15:19

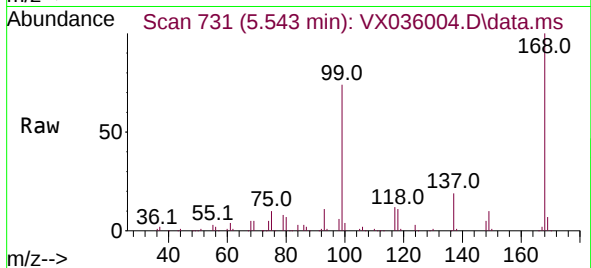
Tgt Ion: 43 Resp: 1675
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 0.0 8.3 12.5#



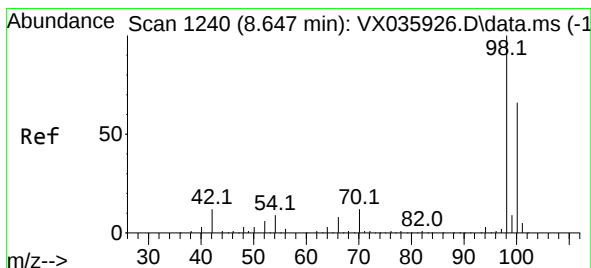
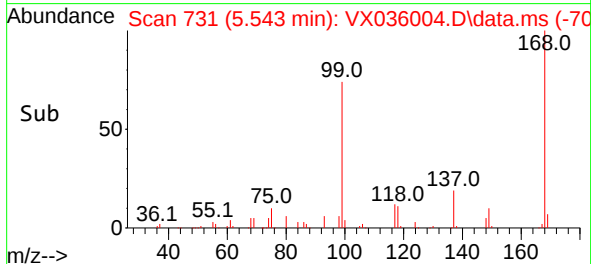
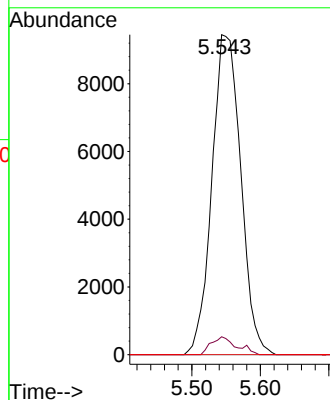


#38
Carbon Tetrachloride
Concen: 8.017 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX036004.D
Acq: 05 Jun 2023 15:19

Instrument :
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ClientSampleId :
BP-VPB-RW11-GW-598-600

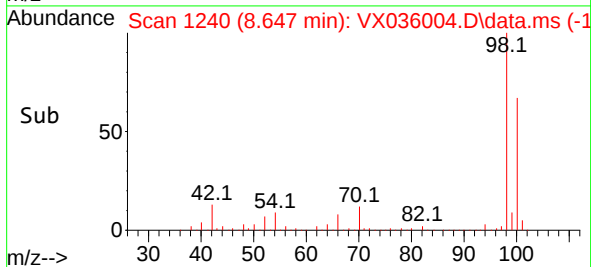
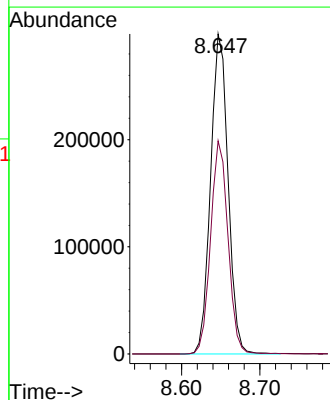
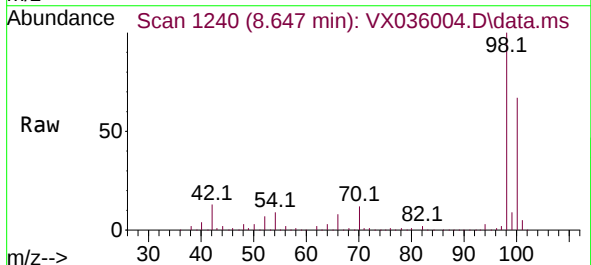


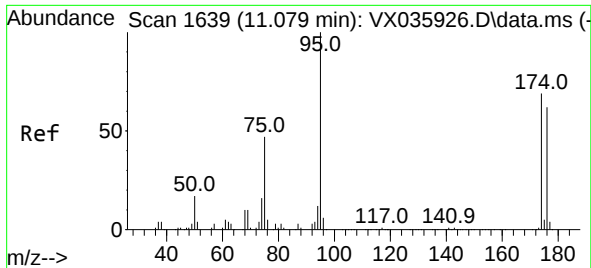
Tgt Ion:117 Resp: 27626
Ion Ratio Lower Upper
117 100
119 5.6 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 48.567 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036004.D
Acq: 05 Jun 2023 15:19

Tgt Ion: 98 Resp: 462260
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0

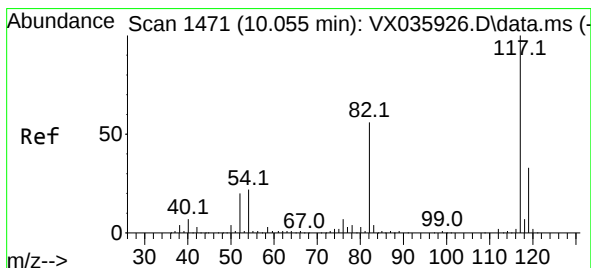
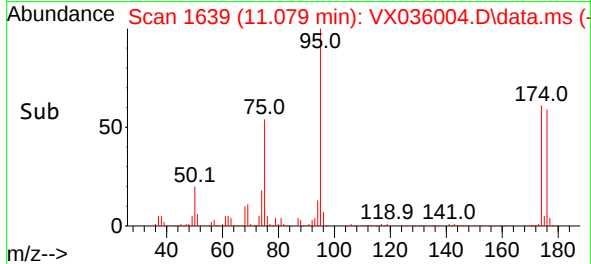
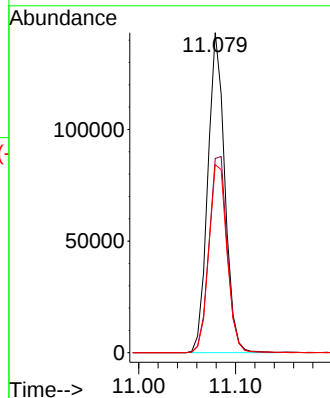
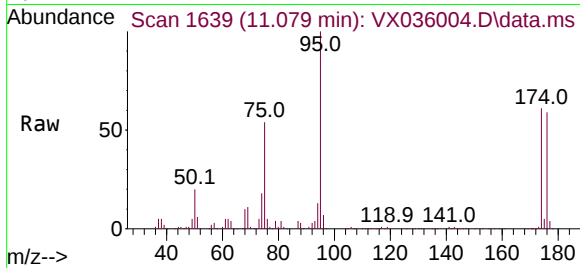




#62
4-Bromofluorobenzene
Concen: 46.603 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036004.D
Acq: 05 Jun 2023 15:19

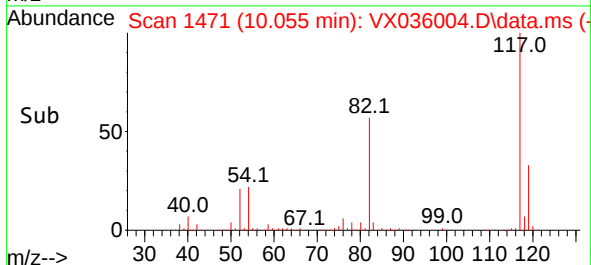
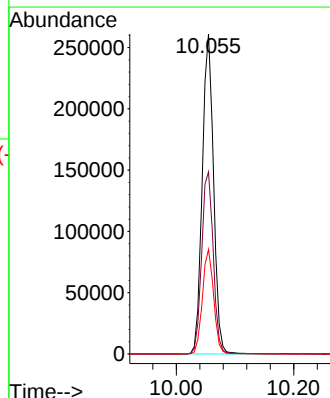
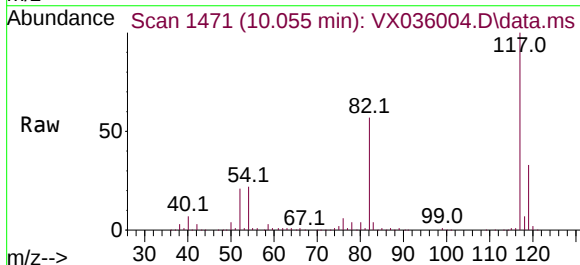
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-598-600

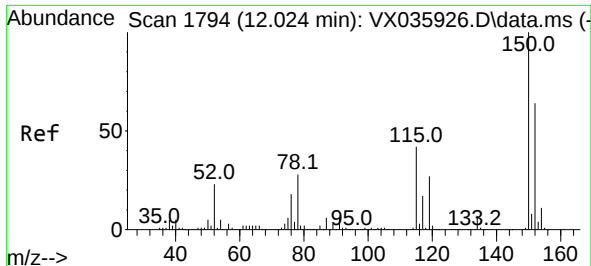
Tgt Ion: 95 Resp: 175104
Ion Ratio Lower Upper
95 100
174 66.0 0.0 132.6
176 63.0 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036004.D
Acq: 05 Jun 2023 15:19

Tgt Ion: 117 Resp: 348567
Ion Ratio Lower Upper
117 100
82 56.9 46.6 69.8
119 32.7 25.4 38.2

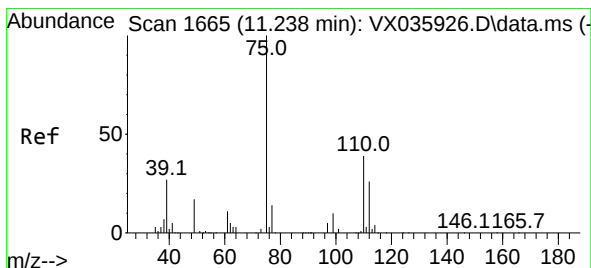
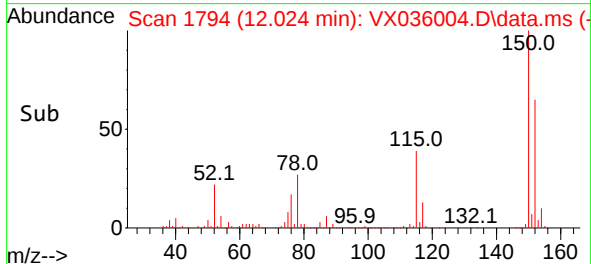
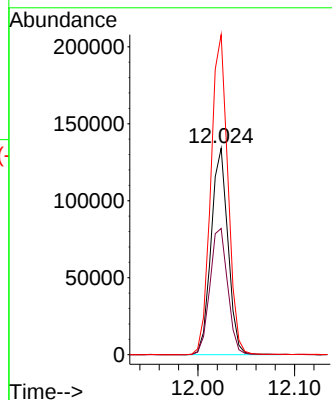
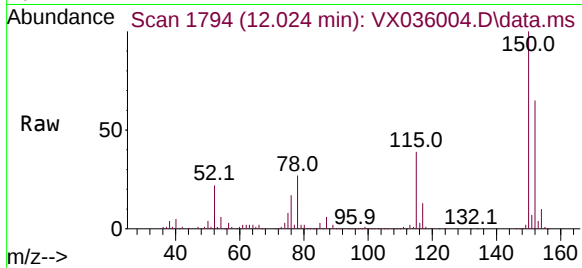




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036004.D
Acq: 05 Jun 2023 15:19

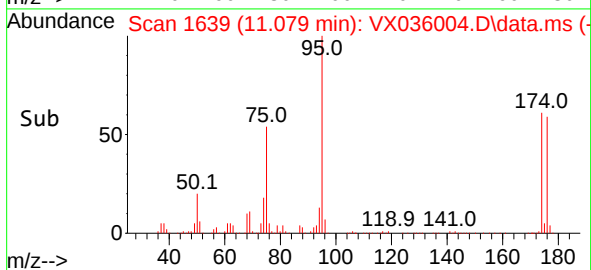
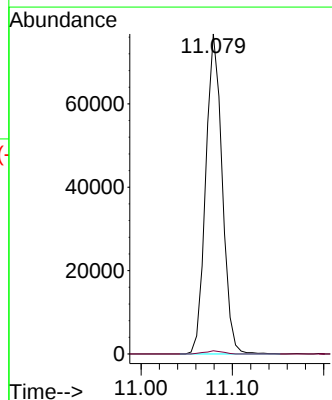
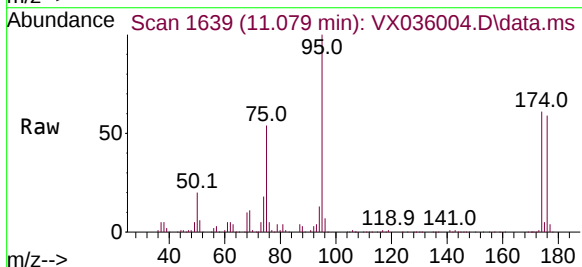
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-598-600

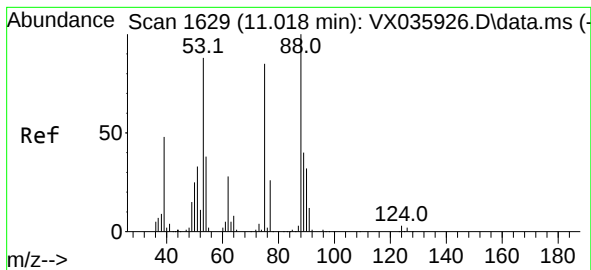
Tgt Ion:152 Resp: 162488
Ion Ratio Lower Upper
152 100
115 64.6 45.5 136.5
150 157.2 0.0 345.2



#76
1,2,3-Trichloropropane
Concen: 26.108 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036004.D
Acq: 05 Jun 2023 15:19

Tgt Ion: 75 Resp: 95681
Ion Ratio Lower Upper
75 100
77 1.1 21.4 64.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.940 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036004.D
 Acq: 05 Jun 2023 15:19

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-GW-598-600

Tgt Ion: 75 Resp: 95681
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.2 142.8#
 89 0.1 38.0 57.0#

