

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052623\
 Data File : VU054281.D
 Acq On : 26 May 2023 13:28
 Operator : JC/MD
 Sample : 02936-04 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BRP2-20230523

Quant Time: May 30 00:00:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

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

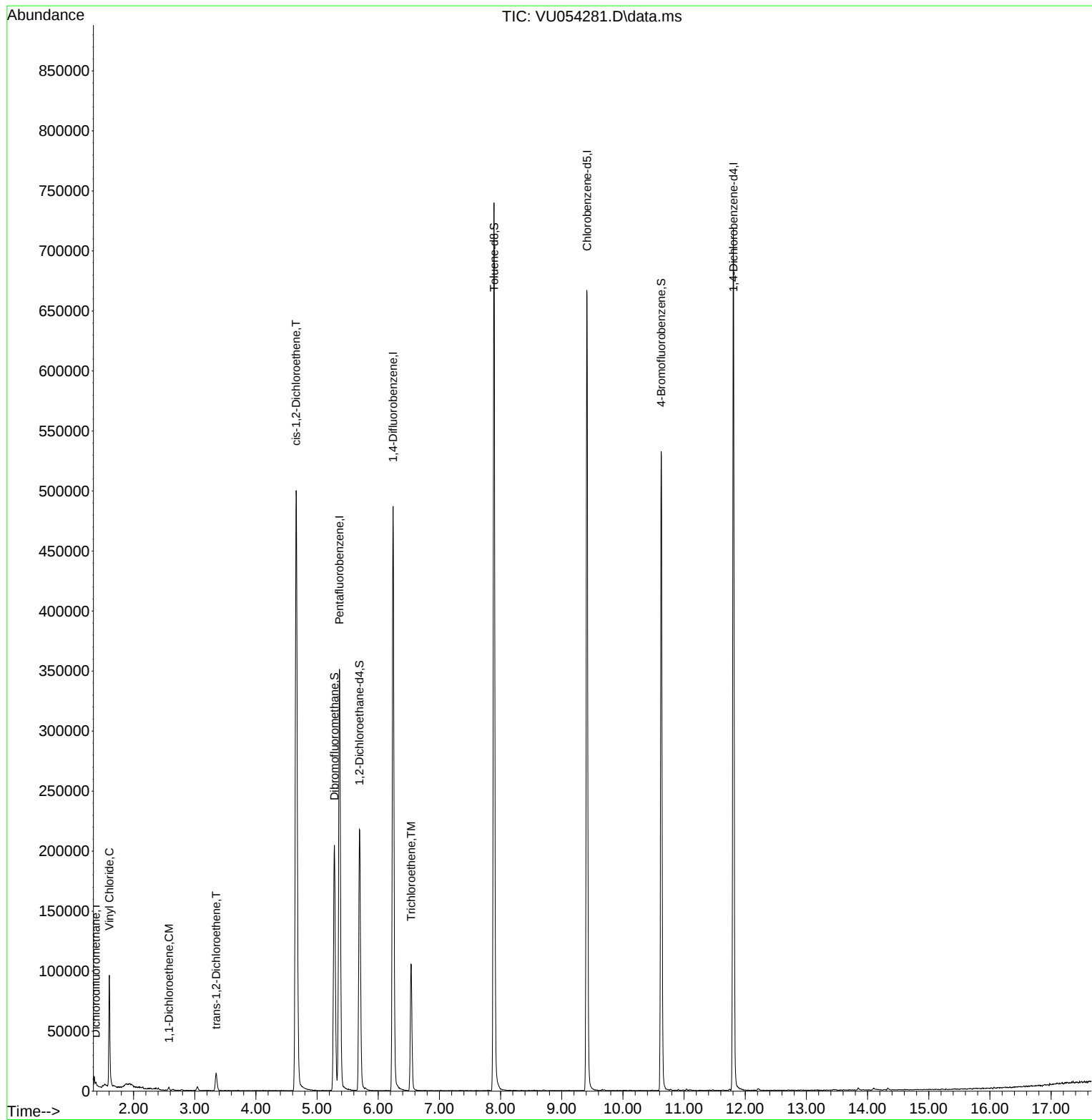
Internal Standards						
1) Pentafluorobenzene	5.366	168	256781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	408465	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	388257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	193941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	164257	48.797	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.600%		
35) Dibromofluoromethane	5.282	113	133872	50.894	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.780%		
50) Toluene-d8	7.893	98	497551	49.729	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.460%		
62) 4-Bromofluorobenzene	10.626	95	181017	46.660	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	1874	0.654	ug/l	96
4) Vinyl Chloride	1.604	62	72481	20.239	ug/l	99
12) 1,1-Dichloroethene	2.578	96	726	0.263	ug/l	96
21) trans-1,2-Dichloroethene	3.350	96	6663	2.253	ug/l	93
27) cis-1,2-Dichloroethene	4.658	96	277174	84.259	ug/l	93
44) Trichloroethene	6.539	130	37492	11.381	ug/l	96

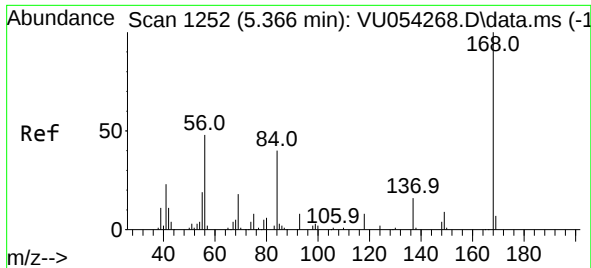
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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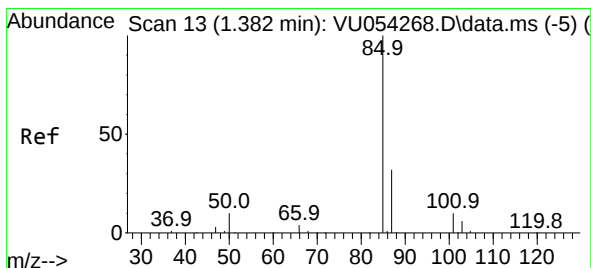
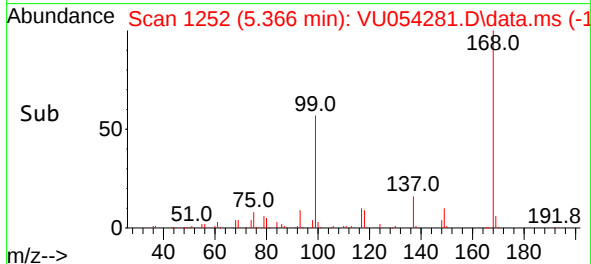
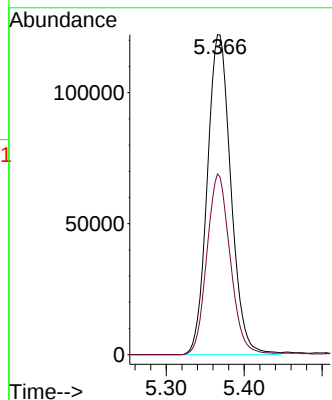
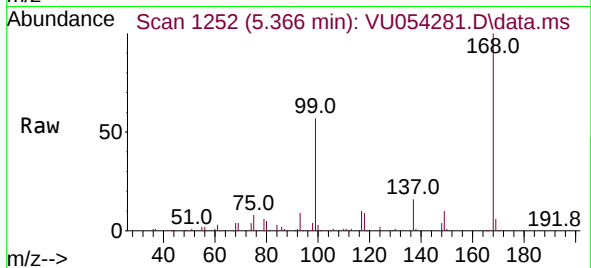




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054281.D
Acq: 26 May 2023 13:28

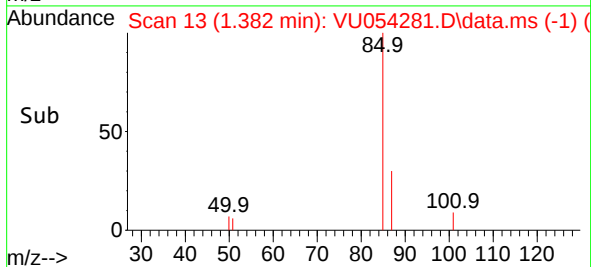
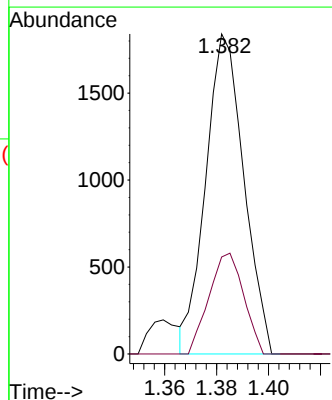
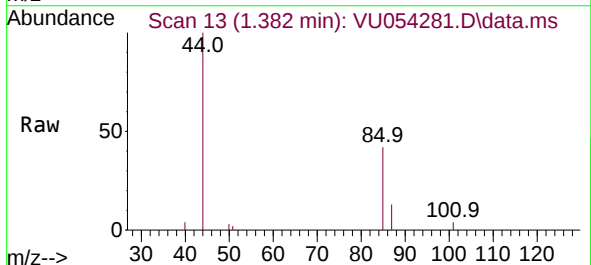
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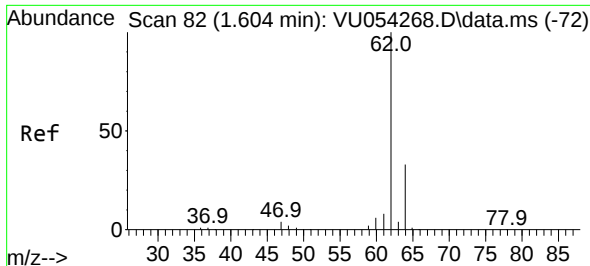
Tgt Ion:168 Resp: 256781
Ion Ratio Lower Upper
168 100
99 56.5 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 0.654 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU054281.D
Acq: 26 May 2023 13:28

Tgt Ion: 85 Resp: 1874
Ion Ratio Lower Upper
85 100
87 30.3 16.4 49.2

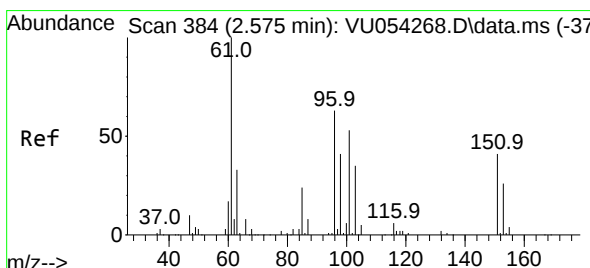
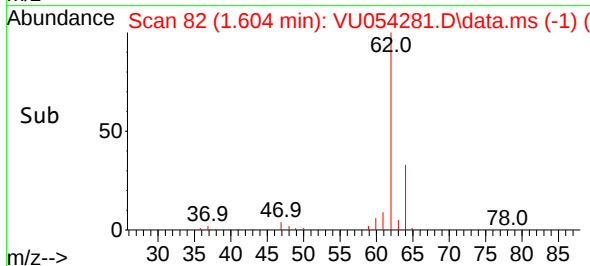
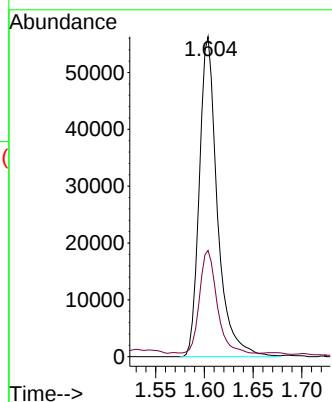
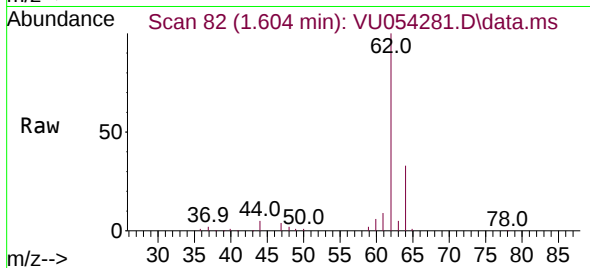




#4
 Vinyl Chloride
 Concen: 20.239 ug/l
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU054281.D
 Acq: 26 May 2023 13:28

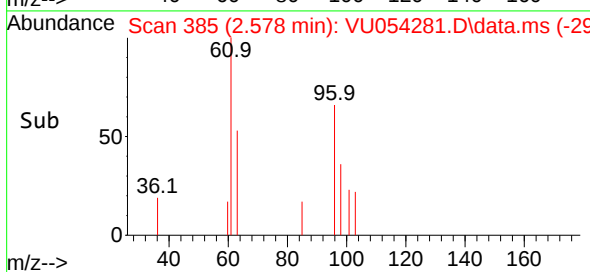
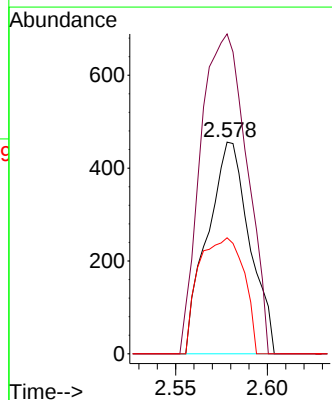
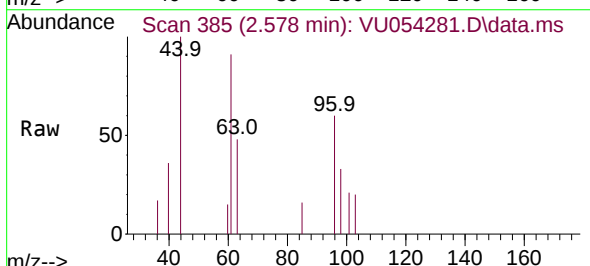
Instrument :
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 ClientSampleId :
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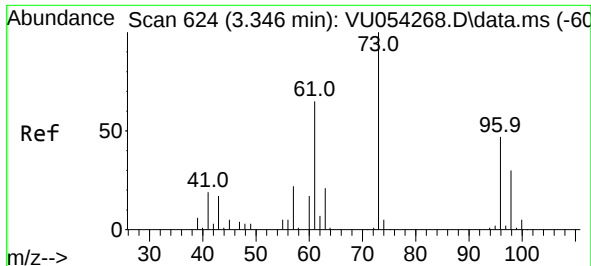
Tgt Ion: 62 Resp: 72481
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.3 37.9



#12
 1,1-Dichloroethene
 Concen: 0.263 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU054281.D
 Acq: 26 May 2023 13:28

Tgt Ion: 96 Resp: 726
 Ion Ratio Lower Upper
 96 100
 61 151.1 122.2 183.2
 98 54.8 50.7 76.1

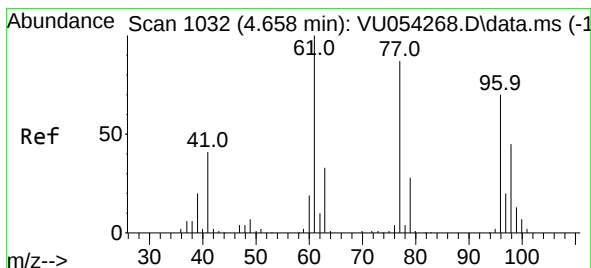
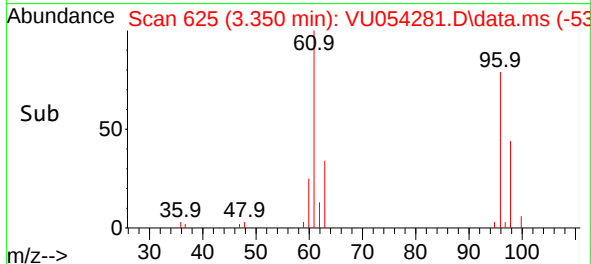
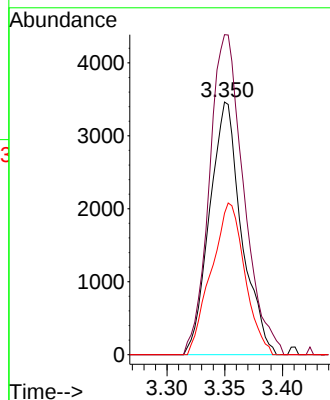
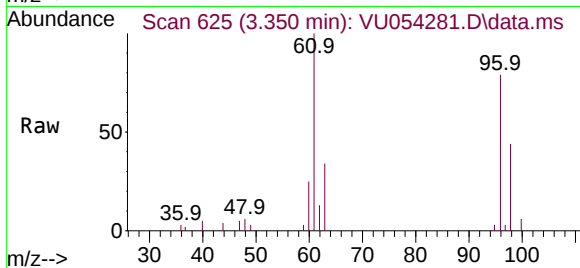




#21
trans-1,2-Dichloroethene
Concen: 2.253 ug/l
RT: 3.350 min Scan# 61
Delta R.T. 0.004 min
Lab File: VU054281.D
Acq: 26 May 2023 13:28

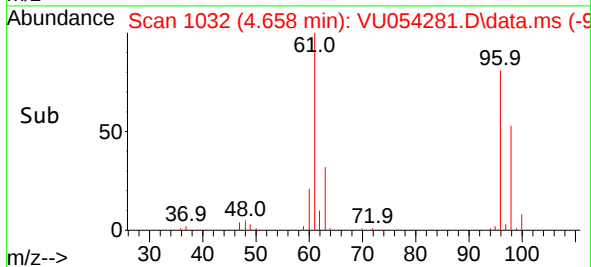
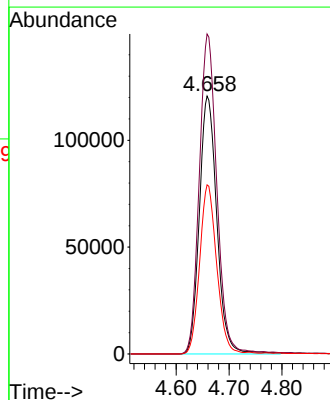
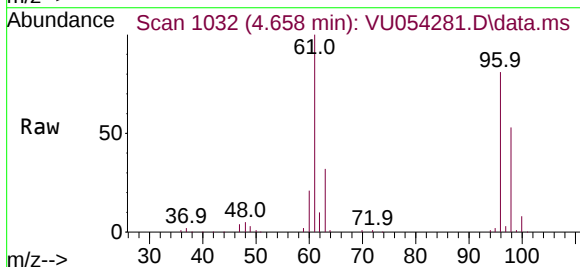
Instrument :
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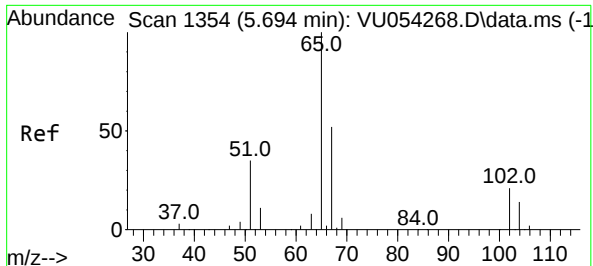
Tgt Ion: 96 Resp: 6663
Ion Ratio Lower Upper
96 100
61 126.7 106.1 159.1
98 56.0 50.8 76.2



#27
cis-1,2-Dichloroethene
Concen: 84.259 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VU054281.D
Acq: 26 May 2023 13:28

Tgt Ion: 96 Resp: 277174
Ion Ratio Lower Upper
96 100
61 124.3 0.0 271.6
98 63.8 0.0 128.2

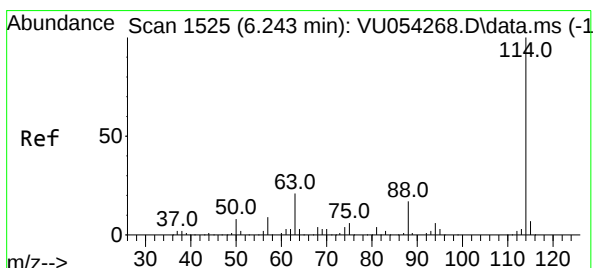
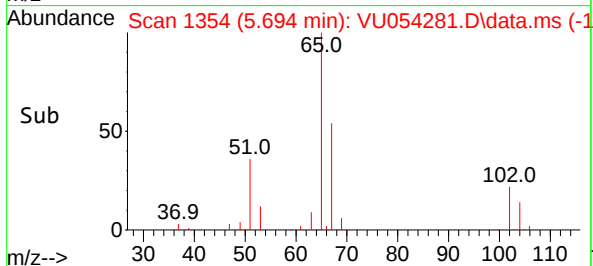
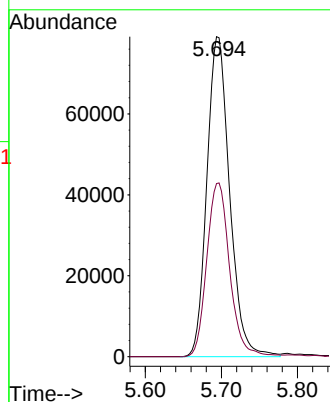
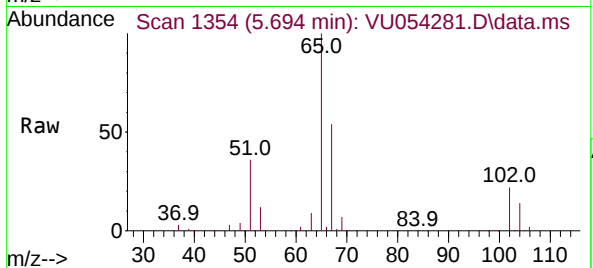




#33
 1,2-Dichloroethane-d4
 Concen: 48.797 ug/l
 RT: 5.694 min Scan# 1354
 Delta R.T. -0.000 min
 Lab File: VU054281.D
 Acq: 26 May 2023 13:28

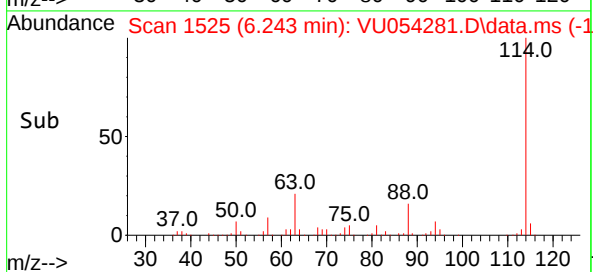
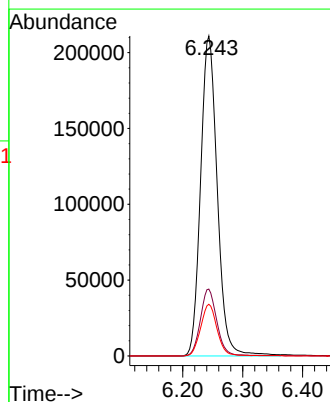
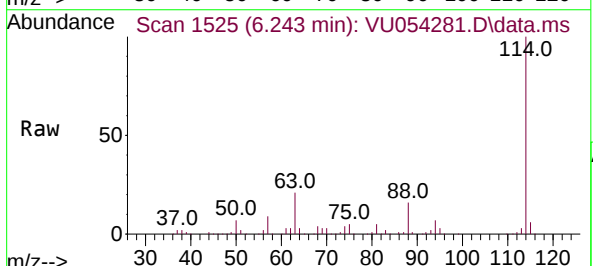
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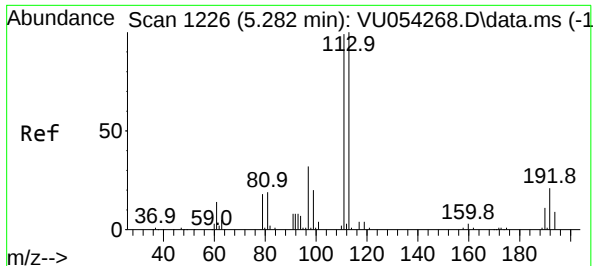
Tgt Ion: 65 Resp: 164257
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.243 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VU054281.D
 Acq: 26 May 2023 13:28

Tgt Ion: 114 Resp: 408465
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 37.8
 88 16.1 0.0 29.2

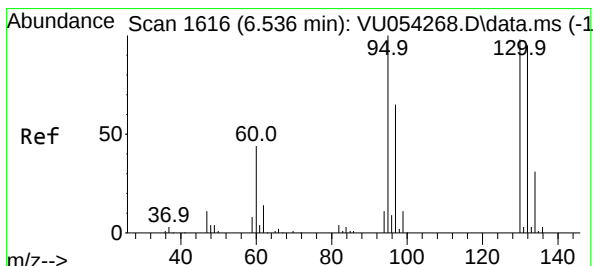
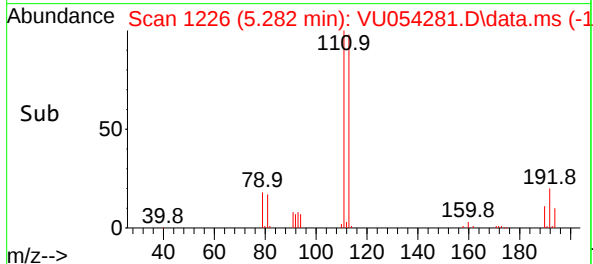
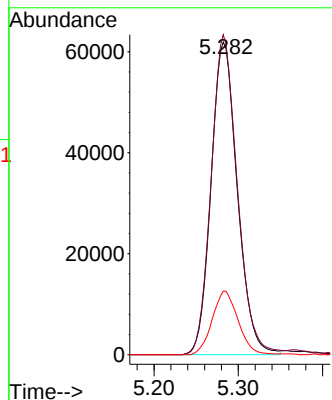
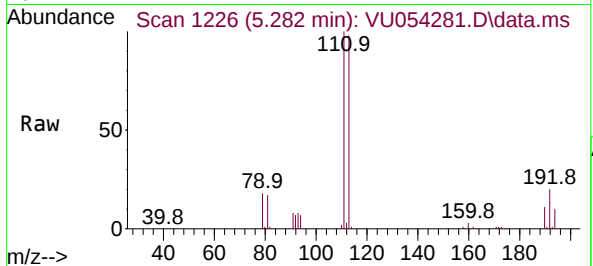




#35
 Dibromofluoromethane
 Concen: 50.894 ug/l
 RT: 5.282 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU054281.D
 Acq: 26 May 2023 13:28

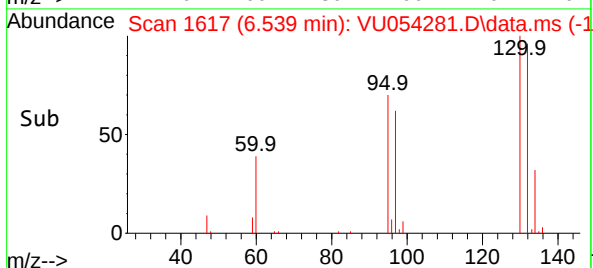
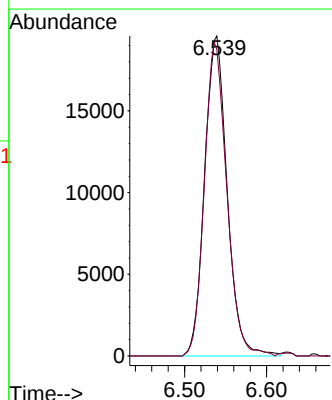
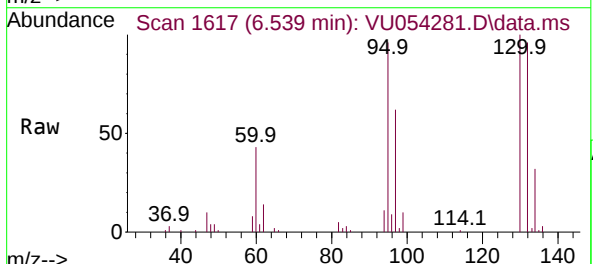
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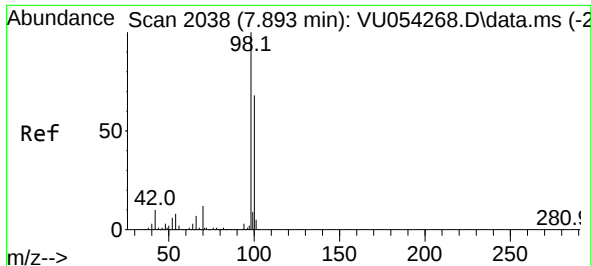
Tgt Ion:113 Resp: 133872
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.1 123.1
 192 20.1 18.0 27.0



#44
 Trichloroethene
 Concen: 11.381 ug/l
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.003 min
 Lab File: VU054281.D
 Acq: 26 May 2023 13:28

Tgt Ion:130 Resp: 37492
 Ion Ratio Lower Upper
 130 100
 95 95.8 0.0 184.6

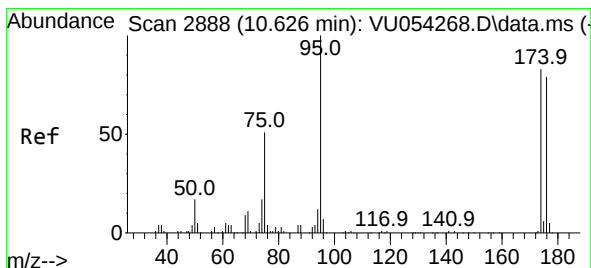
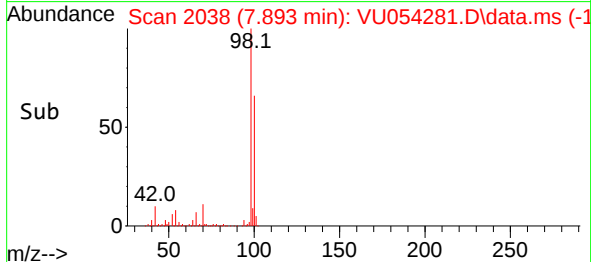
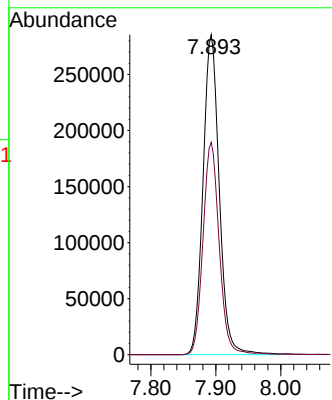
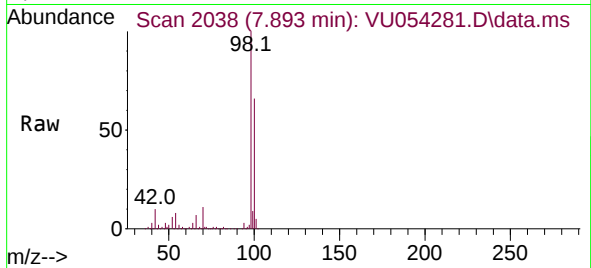




#50
Toluene-d8
Concen: 49.729 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054281.D
Acq: 26 May 2023 13:28

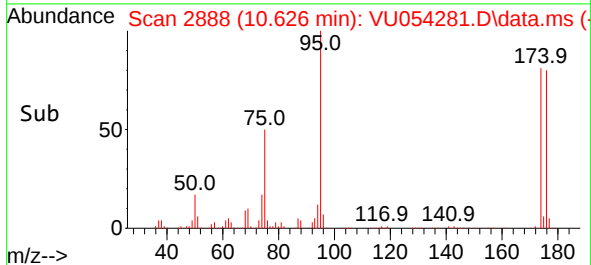
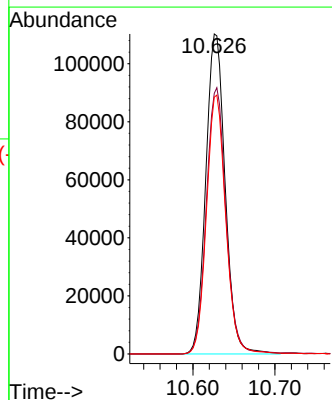
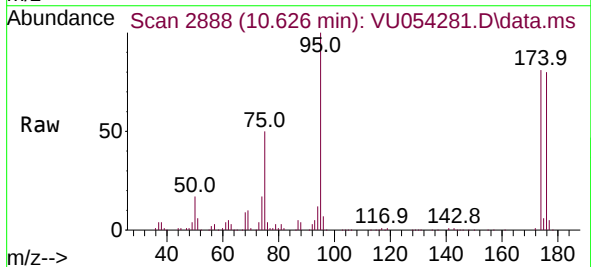
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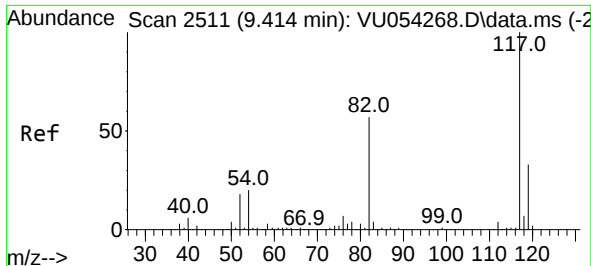
Tgt Ion: 98 Resp: 497551
Ion Ratio Lower Upper
98 100
100 65.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.660 ug/l
RT: 10.626 min Scan# 2888
Delta R.T. -0.000 min
Lab File: VU054281.D
Acq: 26 May 2023 13:28

Tgt Ion: 95 Resp: 181017
Ion Ratio Lower Upper
95 100
174 84.5 0.0 182.0
176 80.6 0.0 177.8

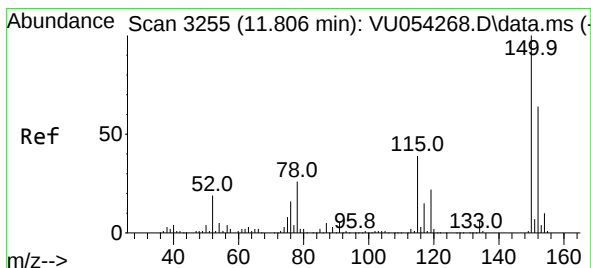
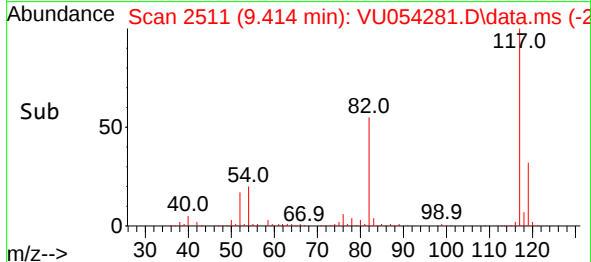
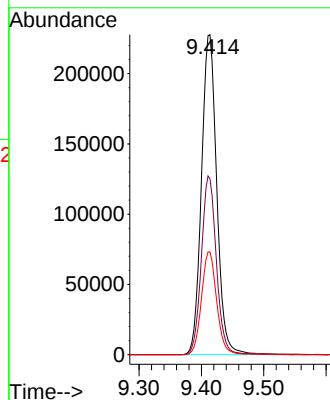
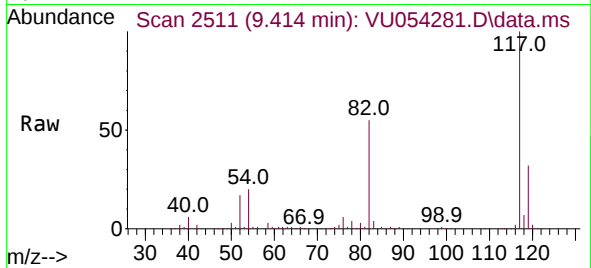




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054281.D
Acq: 26 May 2023 13:28

Instrument :
MSVOA_U
ClientSampleId :
BRP2-20230523

Tgt Ion:117 Resp: 388257
Ion Ratio Lower Upper
117 100
82 55.0 41.7 62.5
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.806 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VU054281.D
Acq: 26 May 2023 13:28

Tgt Ion:152 Resp: 193941
Ion Ratio Lower Upper
152 100
115 58.3 37.0 110.9
150 158.5 0.0 342.2

