

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011824\
 Data File : VU057562.D
 Acq On : 18 Jan 2024 16:42
 Operator : MD/SY
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 19 01:56:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 01:50:34 2024
 Response via : Initial Calibration

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

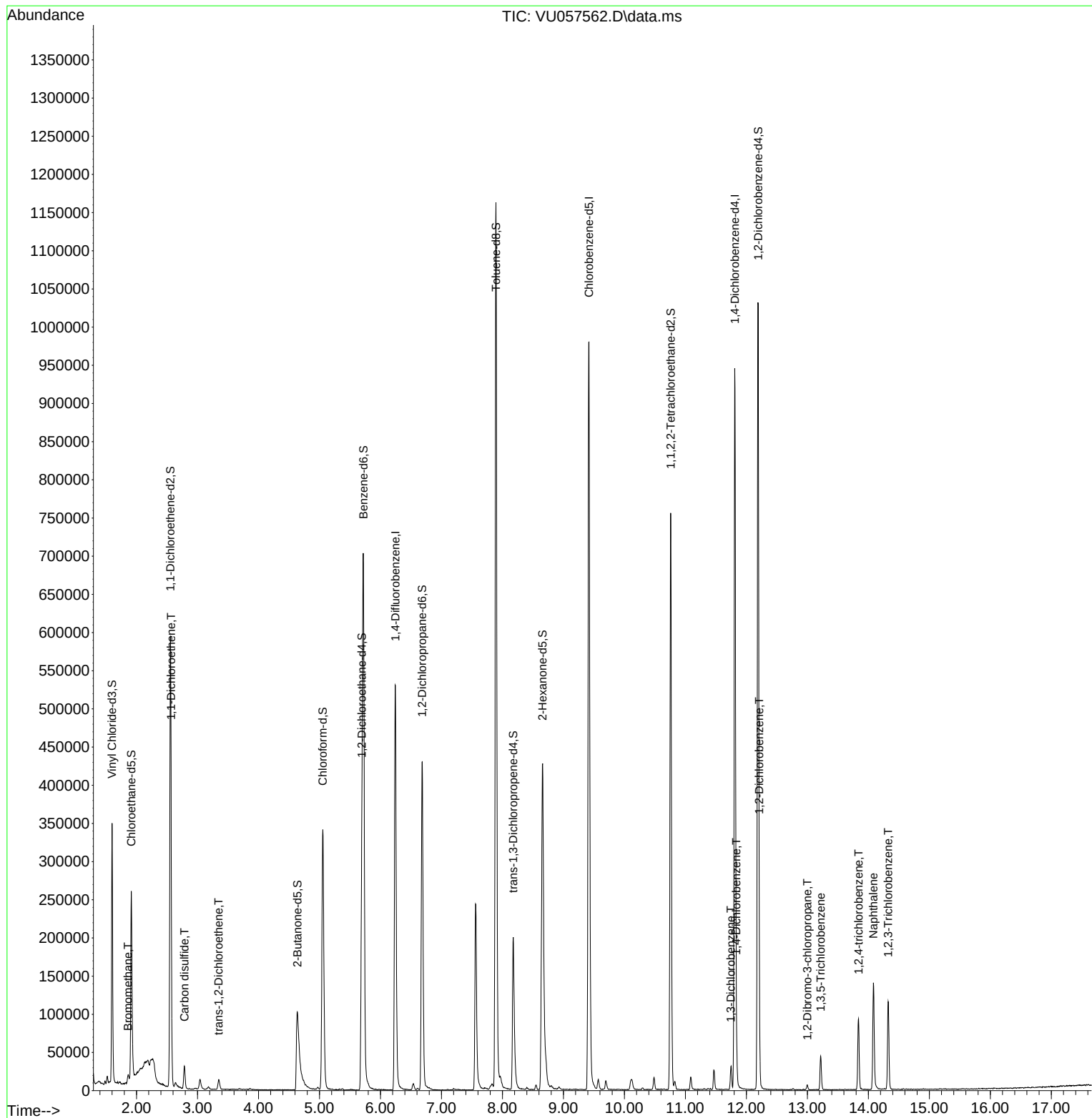
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	435848	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	606880	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	235813	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	256725	58.657	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	117.320%
7) Chloroethane-d5	1.914	69	207432	61.330	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.660%
11) 1,1-Dichloroethene-d2	2.557	63	364801	46.232	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.460%
21) 2-Butanone-d5	4.637	46	216849	115.582	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.580%
24) Chloroform-d	5.055	84	318481	47.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.740%
26) 1,2-Dichloroethane-d4	5.695	65	205192	49.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.420%
32) Benzene-d6	5.721	84	648332	38.408	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.820%
36) 1,2-Dichloropropane-d6	6.685	67	207691	33.231	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	66.460%#
41) Toluene-d8	7.894	98	793703	45.873	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.740%
43) trans-1,3-Dichloroprop...	8.177	79	138674	44.585	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.180%
47) 2-Hexanone-d5	8.656	63	180781	88.386	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.390%
56) 1,1,2,2-Tetrachloroeth...	10.759	84	380576	46.601	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	253475	55.310	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.620%
Target Compounds						
						Qvalue
6) Bromomethane	1.859	94	5825	2.464	ug/L	94
12) 1,1-Dichloroethene	2.566	96	5667	1.570	ug/L #	1
14) Carbon disulfide	2.785	76	39114	3.082	ug/L	99
17) trans-1,2-Dichloroethene	3.348	96	5791	1.528	ug/L	89
64) 1,3-Dichlorobenzene	11.746	146	12635	1.625	ug/L	92
65) 1,4-Dichlorobenzene	11.836	146	16350	2.062	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	14375	1.961	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	13.000	75	2029	1.670	ug/L	98
69) 1,3,5-Trichlorobenzene	13.219	180	13641	2.584	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	27528	6.737	ug/L	98
71) Naphthalene	14.084	128	116760	12.087	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	34113	9.216	ug/L	99

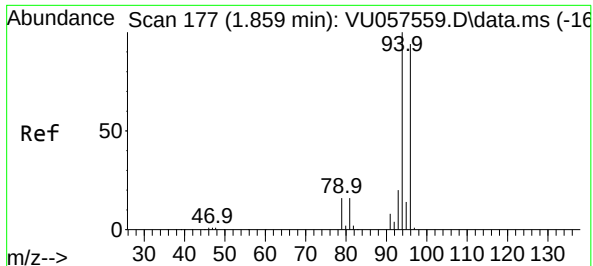
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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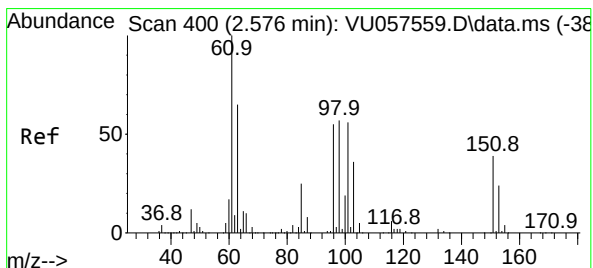
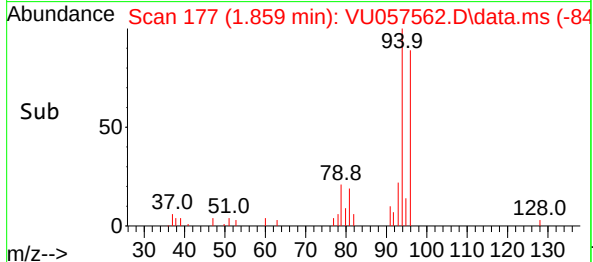
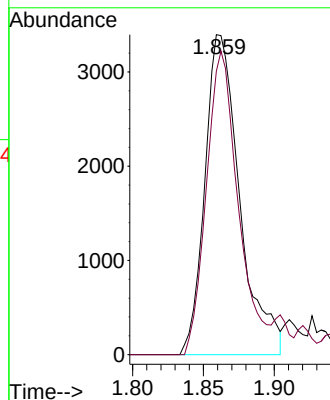
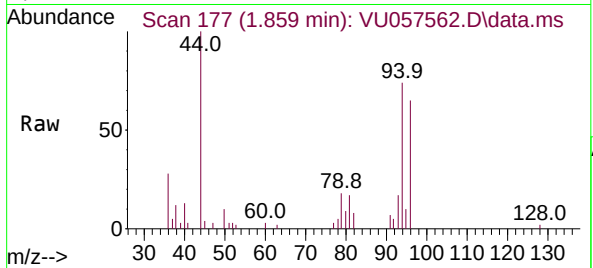




#6
Bromomethane
Concen: 2.464 ug/L
RT: 1.859 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057562.D
Acq: 18 Jan 2024 16:42

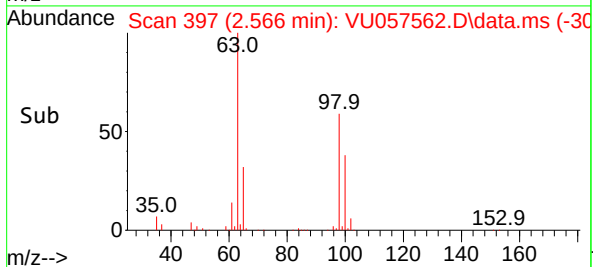
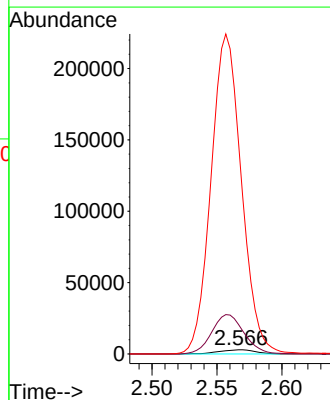
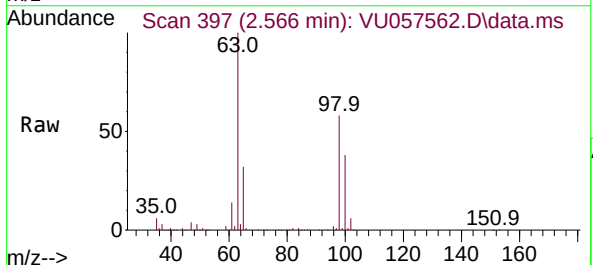
Instrument :
MSVOA_U
ClientSampleId :

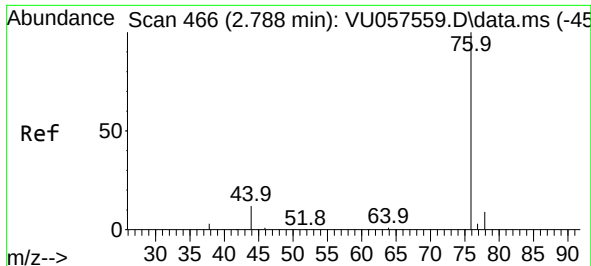
Tgt Ion: 94 Resp: 5825
Ion Ratio Lower Upper
94 100
96 88.6 65.8 122.2



#12
1,1-Dichloroethene
Concen: 1.570 ug/L
RT: 2.566 min Scan# 397
Delta R.T. -0.010 min
Lab File: VU057562.D
Acq: 18 Jan 2024 16:42

Tgt Ion: 96 Resp: 5667
Ion Ratio Lower Upper
96 100
61 717.1 127.7 237.1#
63 5146.5 86.1 159.9#

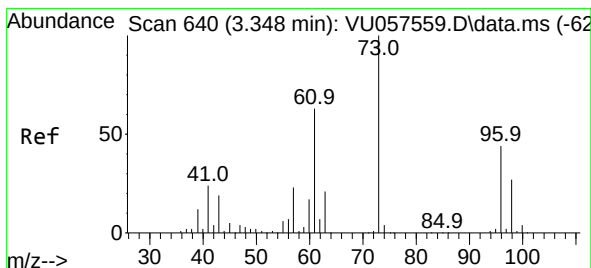
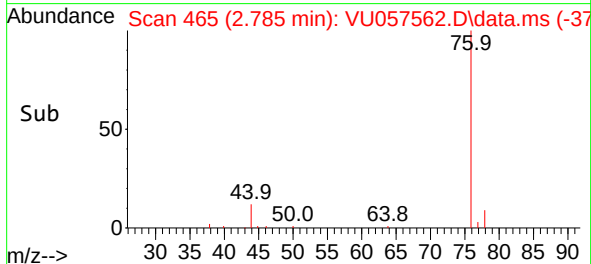
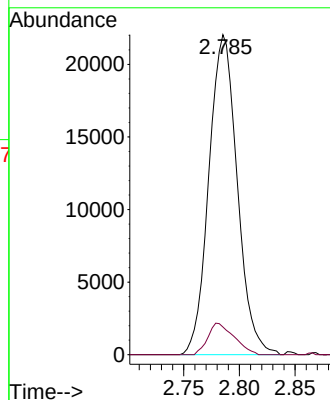
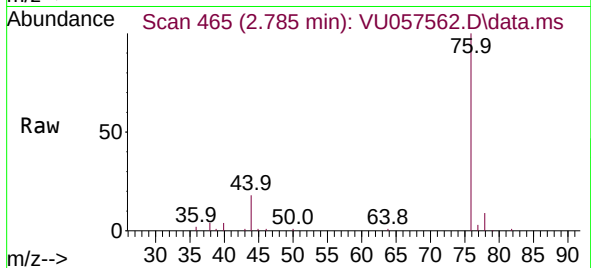




#14
Carbon disulfide
Concen: 3.082 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.003 min
Lab File: VU057562.D
Acq: 18 Jan 2024 16:42

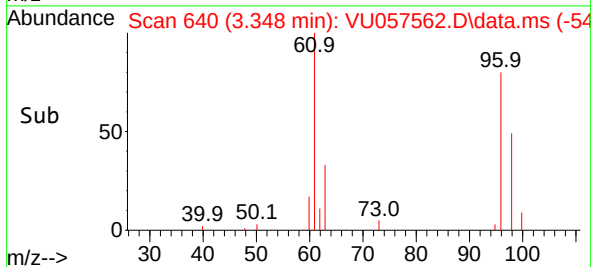
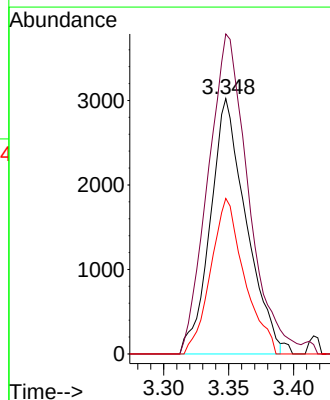
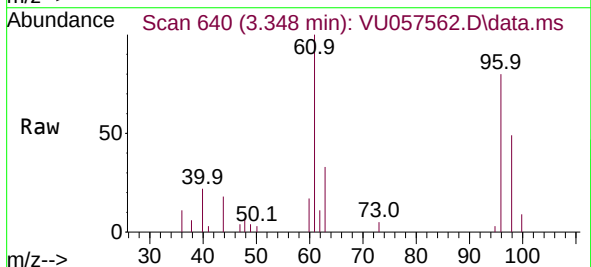
Instrument :
MSVOA_U
ClientSampleId :

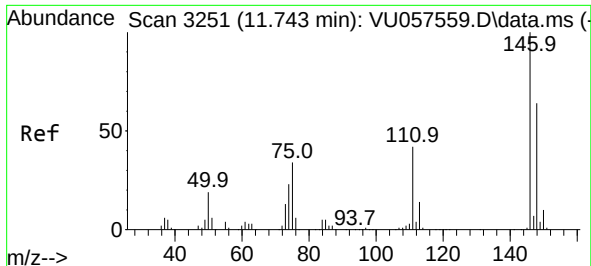
Tgt Ion: 76 Resp: 39114
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#17
trans-1,2-Dichloroethene
Concen: 1.528 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU057562.D
Acq: 18 Jan 2024 16:42

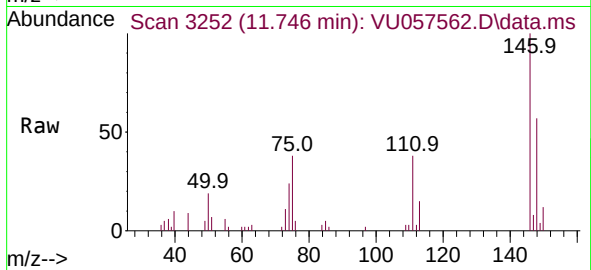
Tgt Ion: 96 Resp: 5791
Ion Ratio Lower Upper
96 100
61 125.3 101.0 187.6
98 60.9 42.8 79.4



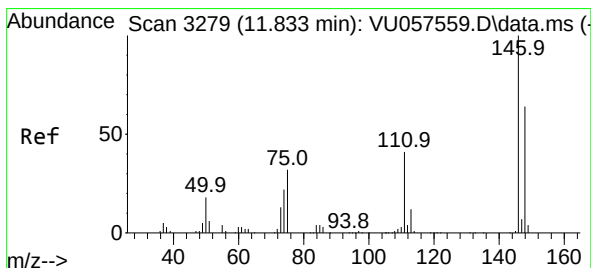
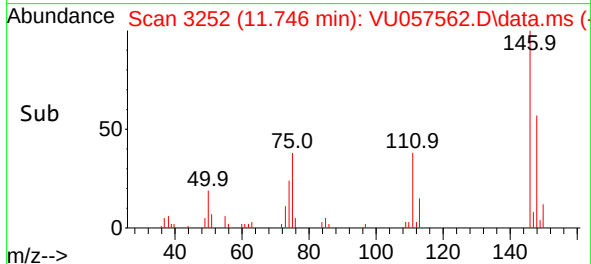
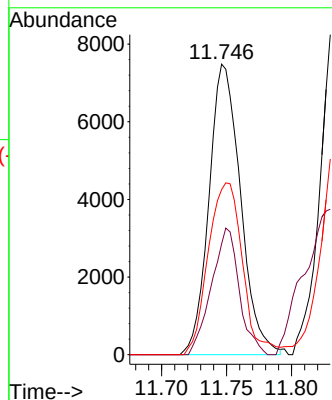


#64
1,3-Dichlorobenzene
Concen: 1.625 ug/L
RT: 11.746 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU057562.D
Acq: 18 Jan 2024 16:42

Instrument :
MSVOA_U
ClientSampleId :

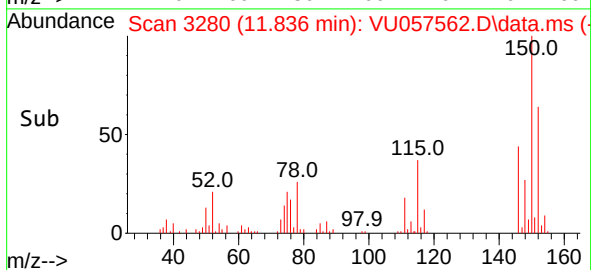
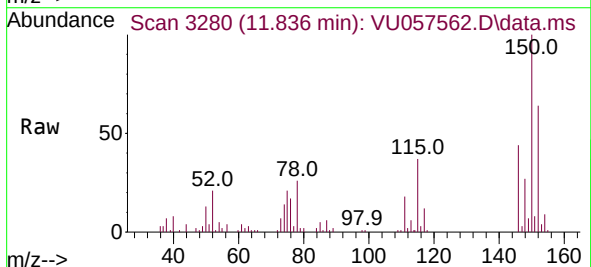
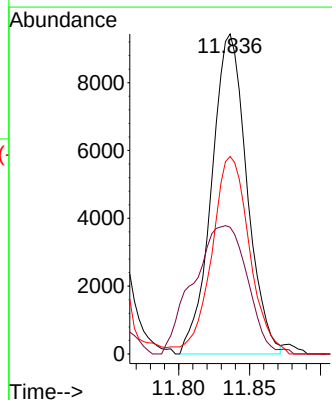


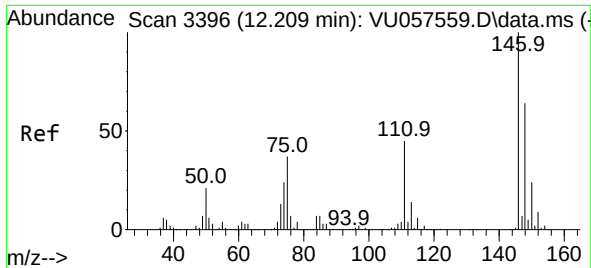
Tgt Ion:146 Resp: 12635
Ion Ratio Lower Upper
146 100
111 38.2 29.5 54.9
148 56.8 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 2.062 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. 0.003 min
Lab File: VU057562.D
Acq: 18 Jan 2024 16:42

Tgt Ion:146 Resp: 16350
Ion Ratio Lower Upper
146 100
111 39.6 28.8 53.6
148 61.7 44.9 83.5

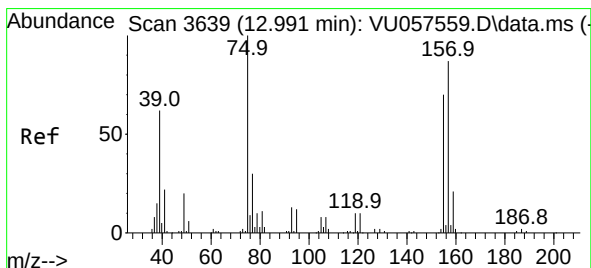
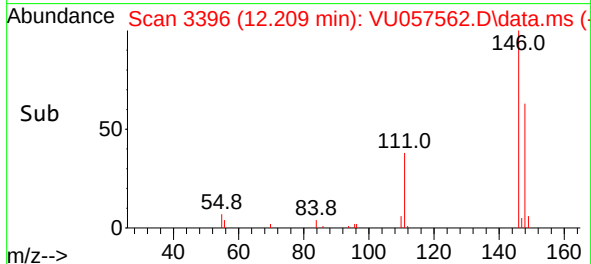
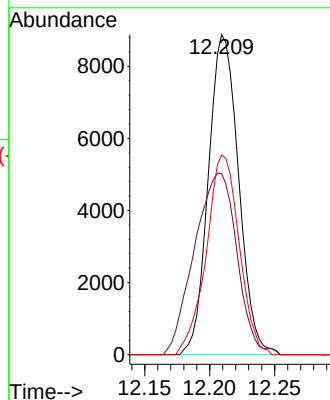
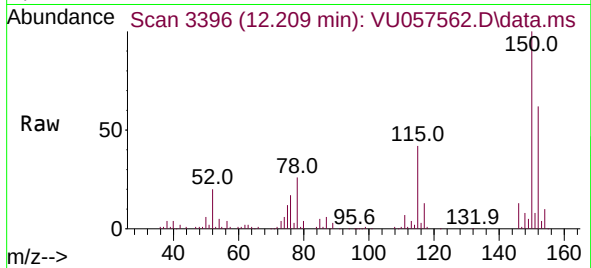




#67
1,2-Dichlorobenzene
Concen: 1.961 ug/L
RT: 12.209 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU057562.D
Acq: 18 Jan 2024 16:42

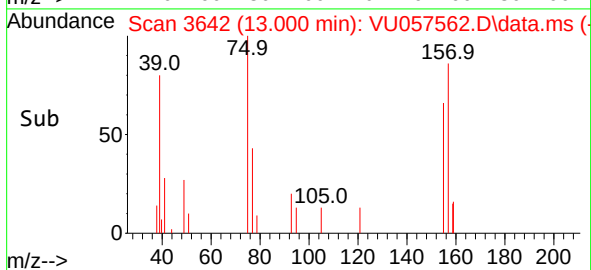
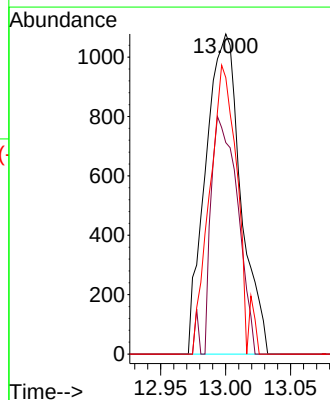
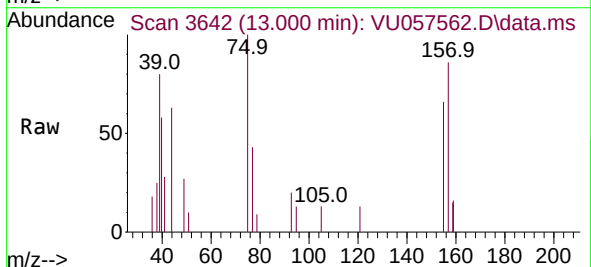
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MSVOA_U
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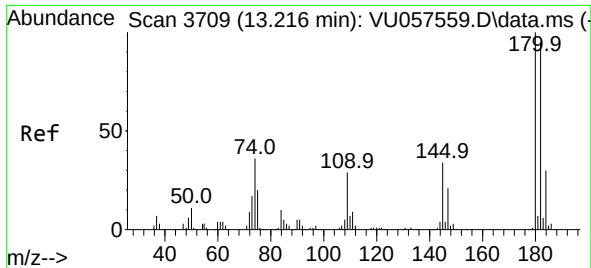
Tgt Ion:146 Resp: 14375
Ion Ratio Lower Upper
146 100
111 56.6 36.0 54.0#
148 62.4 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 1.670 ug/L
RT: 13.000 min Scan# 3642
Delta R.T. 0.010 min
Lab File: VU057562.D
Acq: 18 Jan 2024 16:42

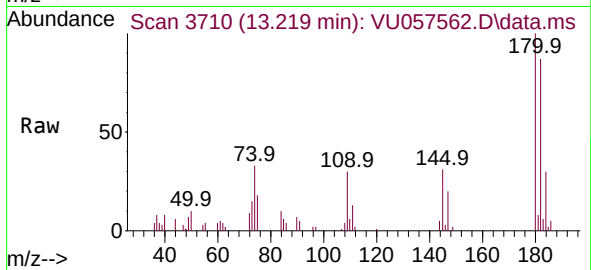
Tgt Ion: 75 Resp: 2029
Ion Ratio Lower Upper
75 100
155 66.0 55.8 83.8
157 86.4 69.6 104.4



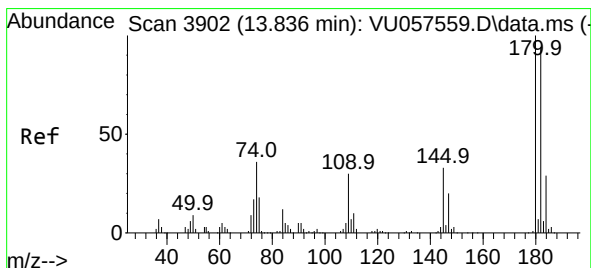
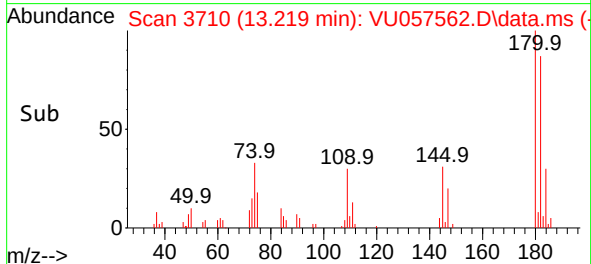
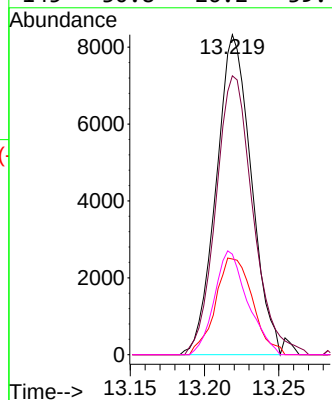


#69
1,3,5-Trichlorobenzene
Concen: 2.584 ug/L
RT: 13.219 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU057562.D
Acq: 18 Jan 2024 16:42

Instrument :
MSVOA_U
ClientSampleId :

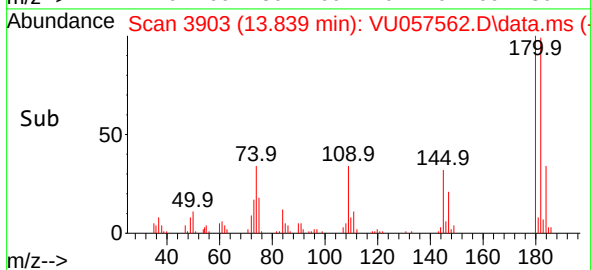
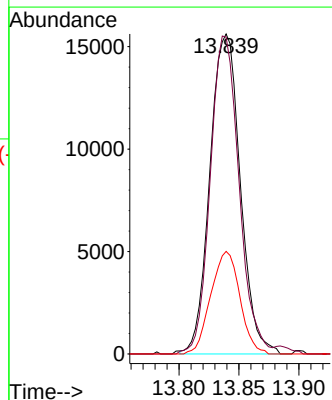
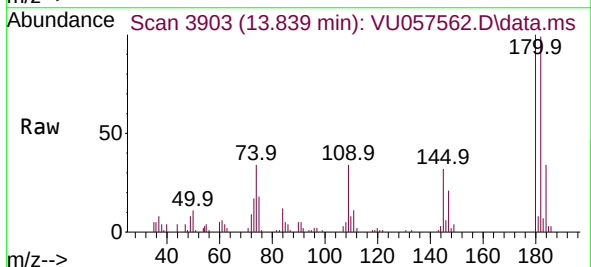


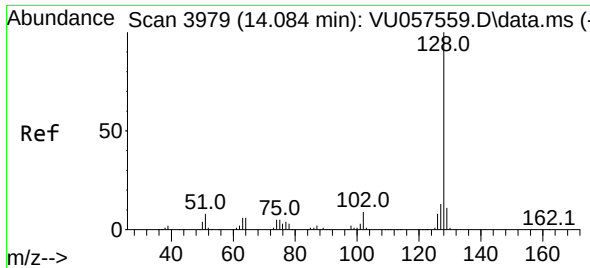
Tgt Ion:180 Resp: 13641
Ion Ratio Lower Upper
180 100
182 92.2 76.2 114.2
184 32.0 24.4 36.6
145 30.8 26.2 39.4



#70
1,2,4-trichlorobenzene
Concen: 6.737 ug/L
RT: 13.839 min Scan# 3903
Delta R.T. 0.003 min
Lab File: VU057562.D
Acq: 18 Jan 2024 16:42

Tgt Ion:180 Resp: 27528
Ion Ratio Lower Upper
180 100
182 94.1 75.8 113.8
145 30.6 26.6 40.0

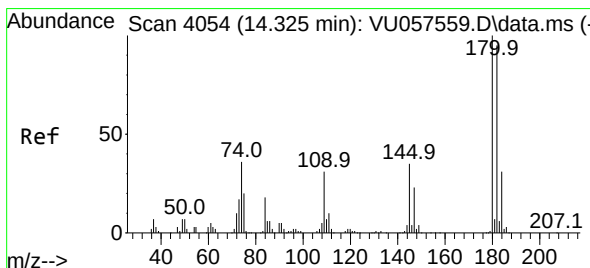
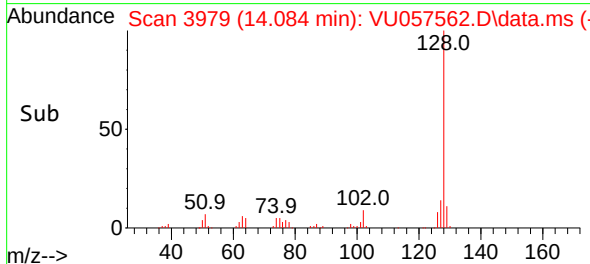
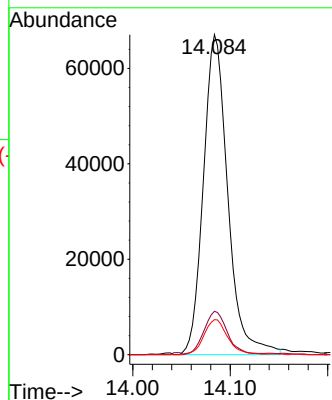
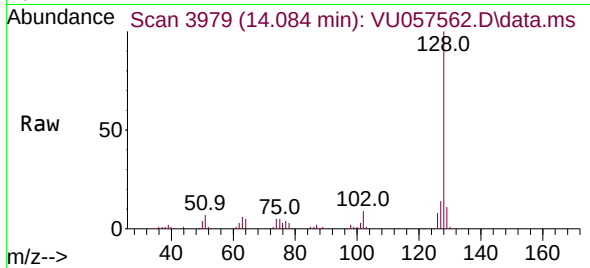




#71
Naphthalene
Concen: 12.087 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU057562.D
Acq: 18 Jan 2024 16:42

Instrument :
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Tgt Ion:128 Resp: 116760
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.6 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 9.216 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU057562.D
Acq: 18 Jan 2024 16:42

Tgt Ion:180 Resp: 34113
Ion Ratio Lower Upper
180 100
182 95.6 77.7 116.5
145 35.3 28.3 42.5

