

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
 Data File : VU060878.D
 Acq On : 18 Sep 2024 18:25
 Operator : MD/SY
 Sample : P3952-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 05:16:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 05:11:13 2024
 Response via : Initial Calibration

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

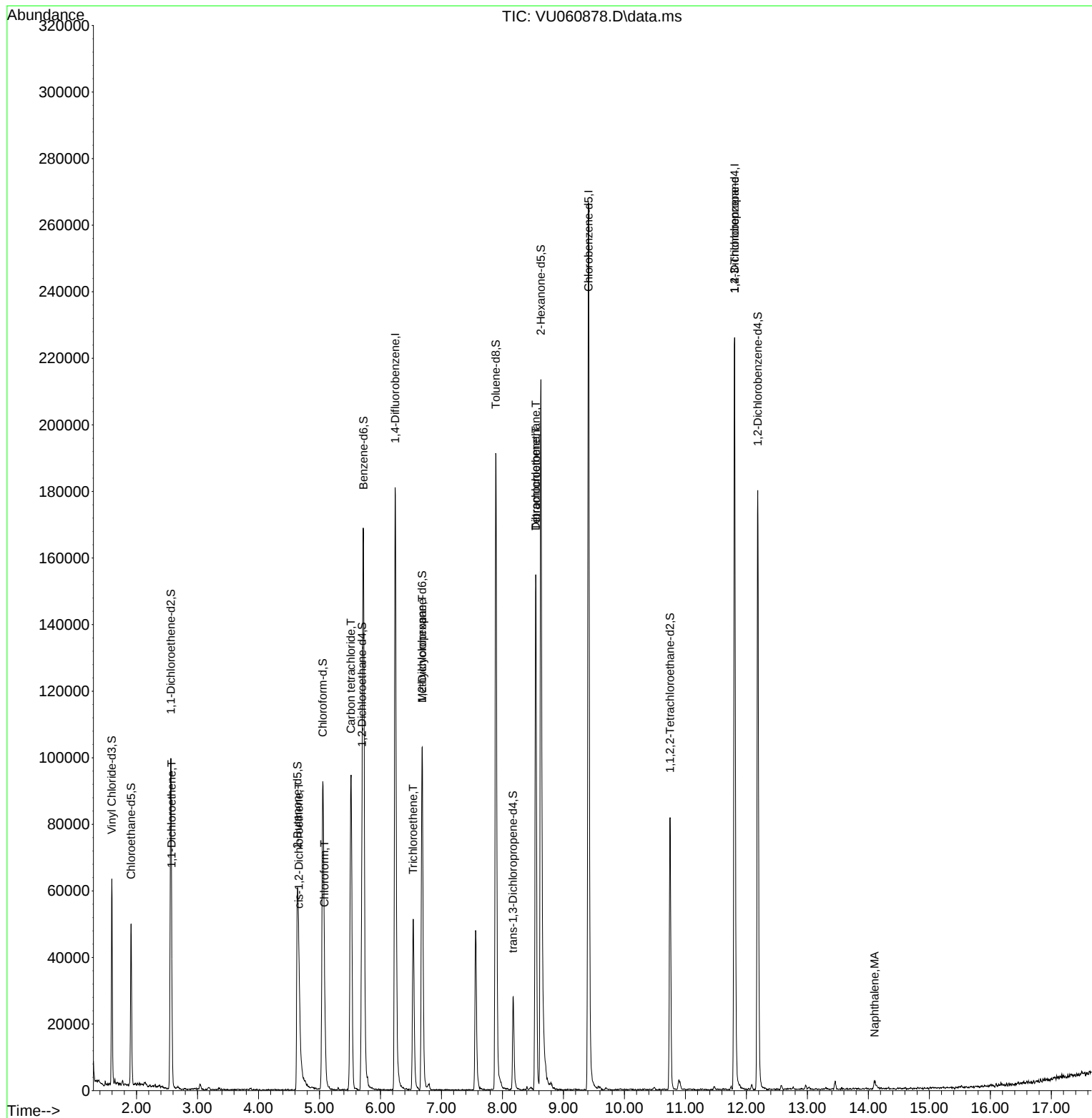
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	161542	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	168521	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	69766	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	43728	3.010	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.200%
7) Chloroethane-d5	1.911	69	36669	3.545	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.800%
11) 1,1-Dichloroethene-d2	2.563	65	18367	3.567	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	4.637	46	96349	41.306	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.620%
24) Chloroform-d	5.055	84	88626	3.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
26) 1,2-Dichloroethane-d4	5.698	65	41242	3.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
32) Benzene-d6	5.721	84	170852	3.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
36) 1,2-Dichloropropane-d6	6.685	67	55360	3.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.891	98	143380	3.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	8.174	79	17918	3.562	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.631	63	82473	41.562	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.120%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	44161	4.034	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	54902	4.683	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	4871	0.479	ug/L #	1
22) cis-1,2-Dichloroethene	4.663	96	6231	0.535	ug/L	94
25) Chloroform	5.081	83	19821	0.899	ug/L	97
31) Carbon tetrachloride	5.515	117	70816	4.396	ug/L	99
34) Trichloroethene	6.537	95	19166	1.578	ug/L	96
35) Methylcyclohexane	6.682	83	12930	0.776	ug/L #	26
47) Tetrachloroethene	8.547	164	37970	3.933	ug/L	97
49) Dibromochloromethane	8.547	129	36216	3.451	ug/L #	9
61) 1,2,3-Trichloropropane	11.807	75	6968	1.071	ug/L #	68
71) Naphthalene	14.103	128	4508	0.312	ug/L #	73

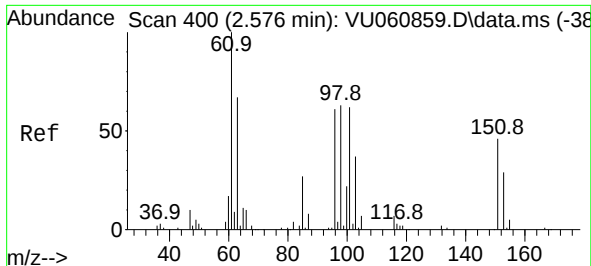
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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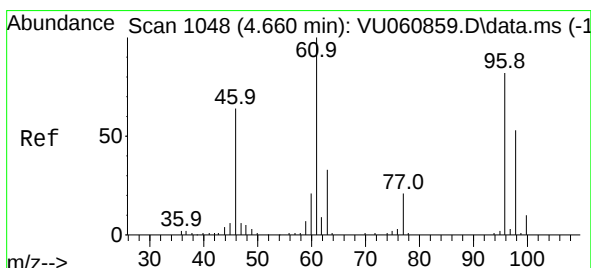
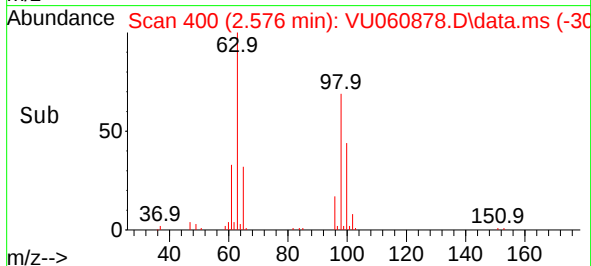
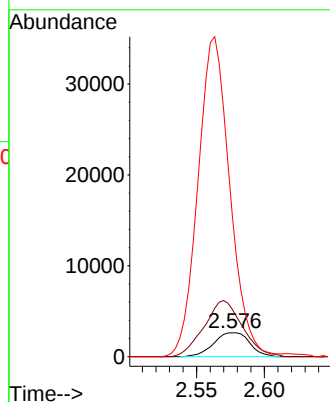
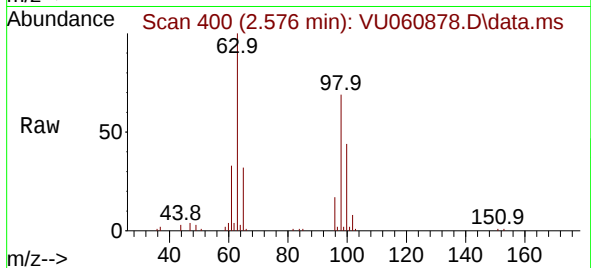




#12
1,1-Dichloroethene
Concen: 0.479 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060878.D
Acq: 18 Sep 2024 18:25

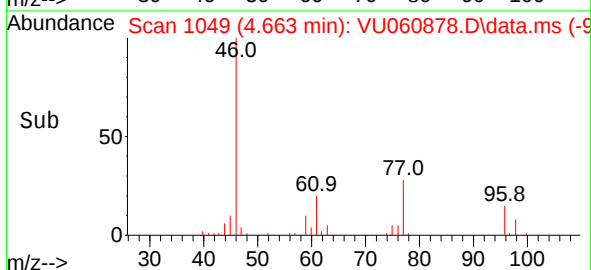
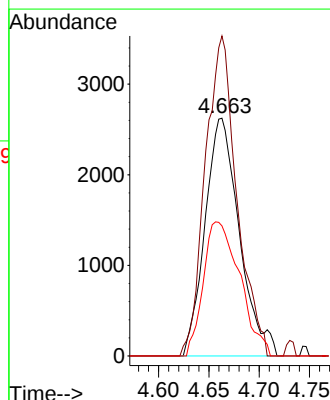
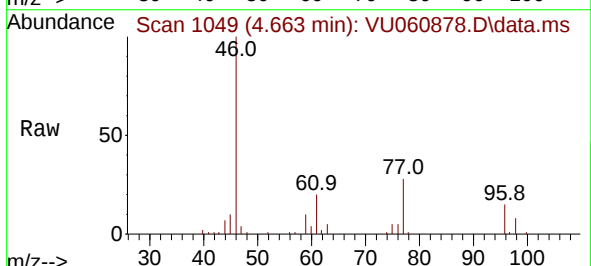
Instrument :
MSVOA_U
ClientSampleId :

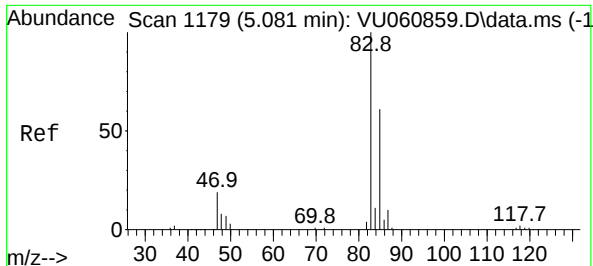
Tgt Ion: 96 Resp: 4871
Ion Ratio Lower Upper
96 100
61 181.9 120.7 224.1
63 545.7 90.0 167.2#



#22
cis-1,2-Dichloroethene
Concen: 0.535 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU060878.D
Acq: 18 Sep 2024 18:25

Tgt Ion: 96 Resp: 6231
Ion Ratio Lower Upper
96 100
61 128.8 89.7 166.5
98 52.4 45.1 83.9

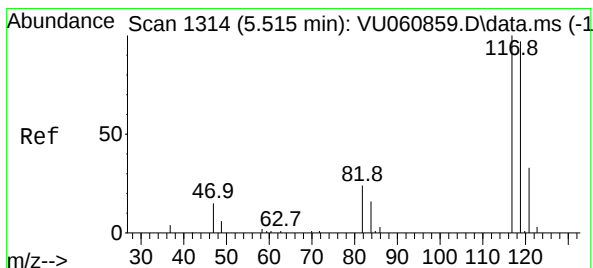
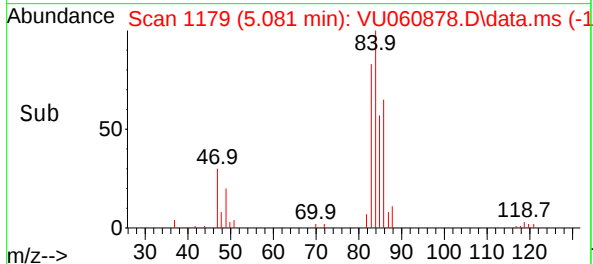
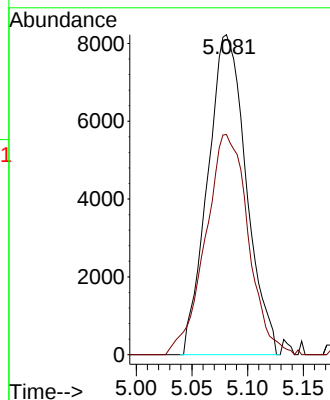
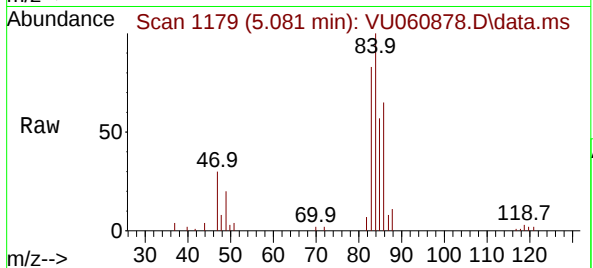




#25
Chloroform
Concen: 0.899 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU060878.D
Acq: 18 Sep 2024 18:25

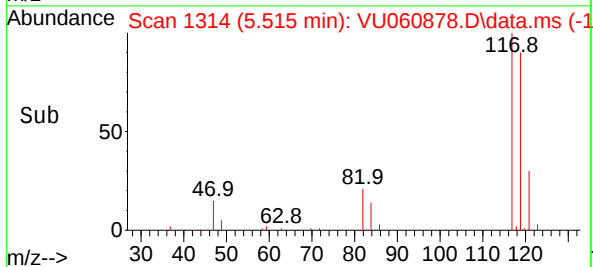
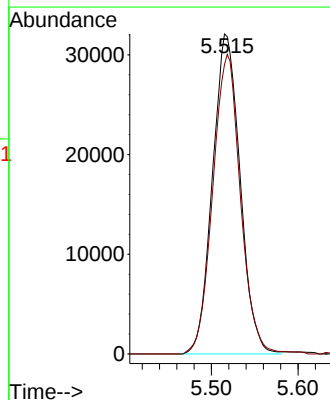
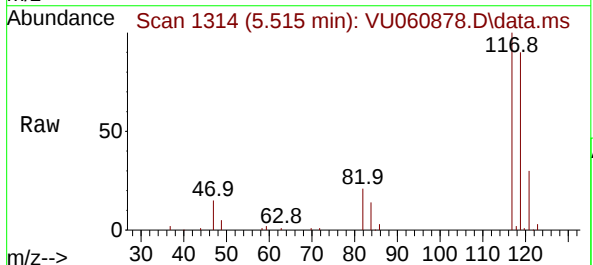
Instrument :
MSVOA_U
ClientSampleId :

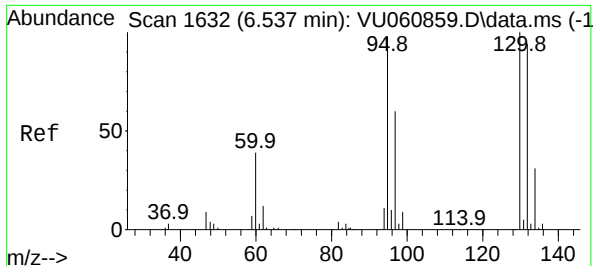
Tgt Ion: 83 Resp: 19821
Ion Ratio Lower Upper
83 100
85 68.8 46.8 86.8



#31
Carbon tetrachloride
Concen: 4.396 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU060878.D
Acq: 18 Sep 2024 18:25

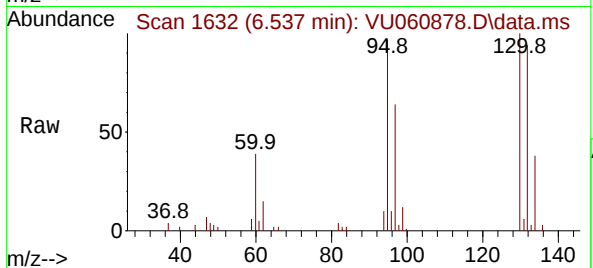
Tgt Ion: 117 Resp: 70816
Ion Ratio Lower Upper
117 100
119 94.0 76.3 114.5



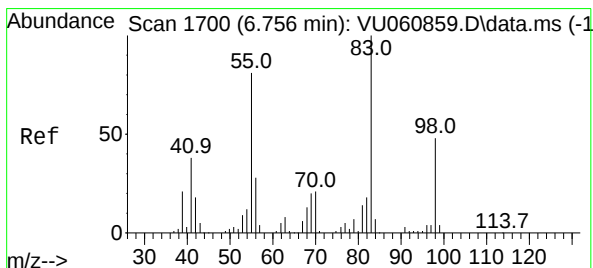
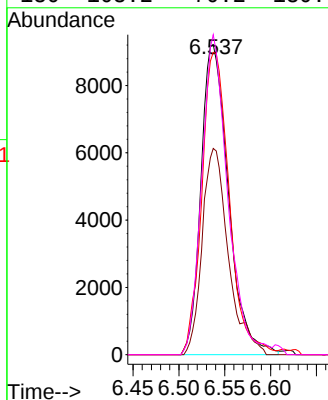
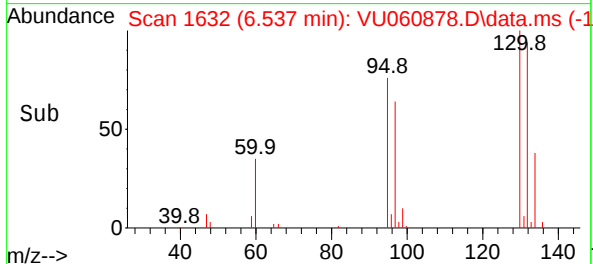


#34
Trichloroethene
Concen: 1.578 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060878.D
Acq: 18 Sep 2024 18:25

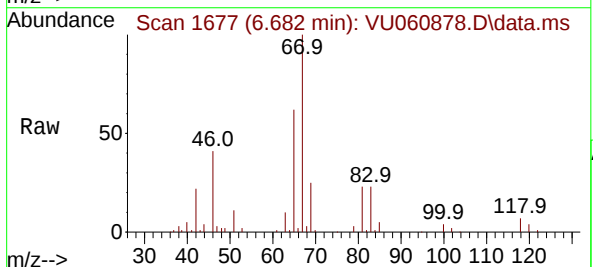
Instrument :
MSVOA_U
ClientSampleId :



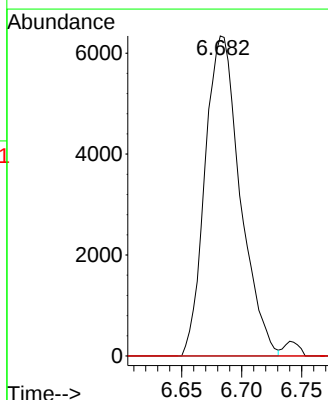
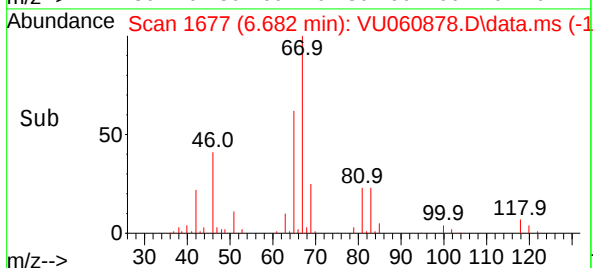
Tgt Ion: 95 Resp: 19166
Ion Ratio Lower Upper
95 100
97 66.5 44.9 83.5
132 97.5 63.5 117.9
130 103.2 70.2 130.4

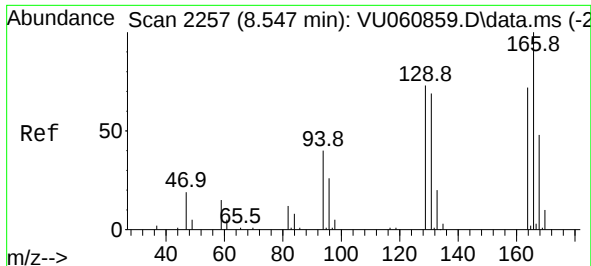


#35
Methylcyclohexane
Concen: 0.776 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060878.D
Acq: 18 Sep 2024 18:25



Tgt Ion: 83 Resp: 12930
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 15.9 37.6 56.4#





#47

Tetrachloroethene

Concen: 3.933 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU060878.D

Acq: 18 Sep 2024 18:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 37970

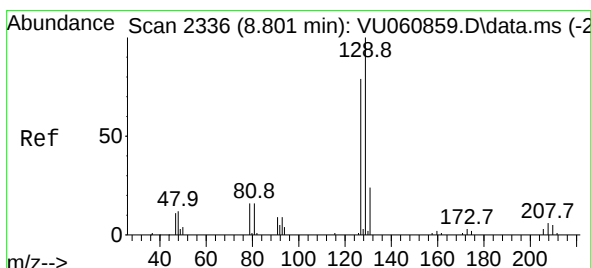
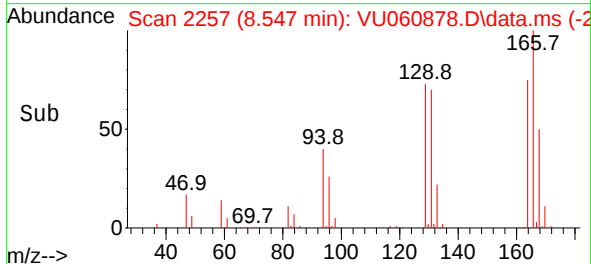
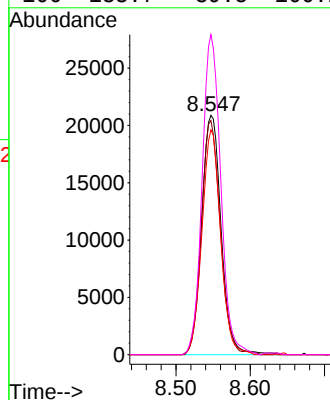
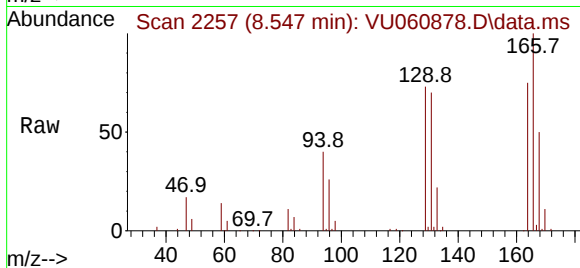
Ion Ratio Lower Upper

164 100

129 97.8 67.3 124.9

131 93.9 65.4 121.4

166 133.7 89.5 166.1



#49

Dibromochloromethane

Concen: 3.451 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU060878.D

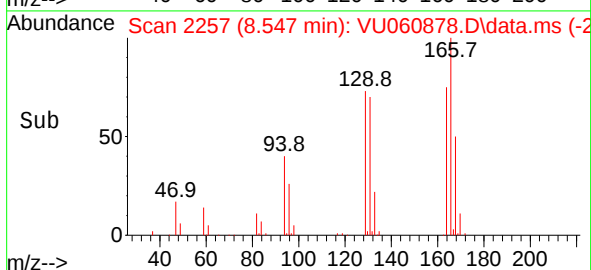
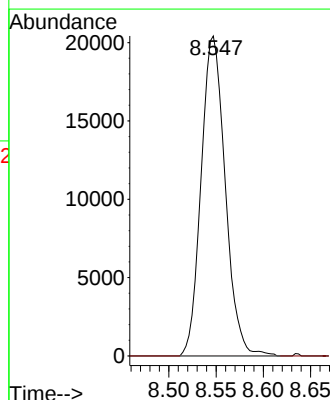
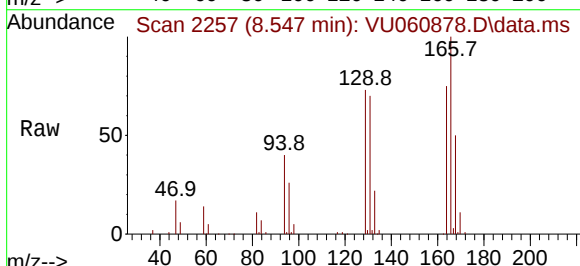
Acq: 18 Sep 2024 18:25

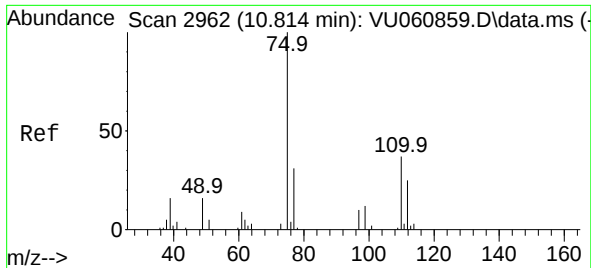
Tgt Ion:129 Resp: 36216

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#





#61

1,2,3-Trichloropropane

Concen: 1.071 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.994 min

Lab File: VU060878.D

Acq: 18 Sep 2024 18:25

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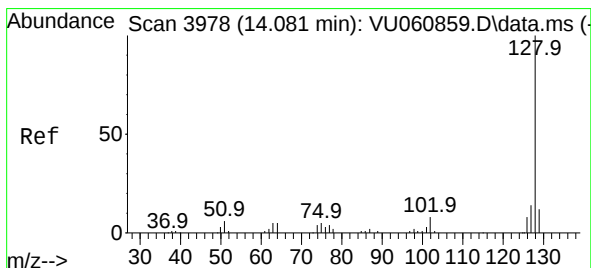
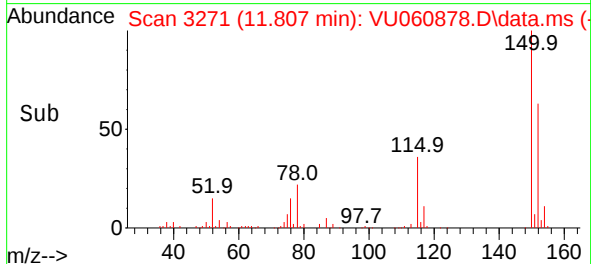
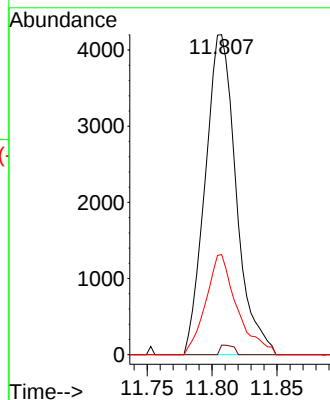
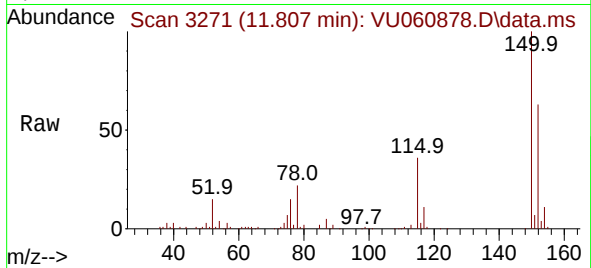
Tgt Ion: 75 Resp: 6968

Ion Ratio Lower Upper

75 100

110 1.3 28.6 43.0#

77 31.5 26.3 39.5



#71

Naphthalene

Concen: 0.312 ug/L

RT: 14.103 min Scan# 3985

Delta R.T. 0.023 min

Lab File: VU060878.D

Acq: 18 Sep 2024 18:25

Tgt Ion: 128 Resp: 4508

Ion Ratio Lower Upper

128 100

129 0.0 8.3 12.5#

127 2.5 10.7 16.1#

