

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
 Data File : VU060879.D
 Acq On : 18 Sep 2024 18:49
 Operator : MD/SY
 Sample : P3952-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 05:16:48 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)

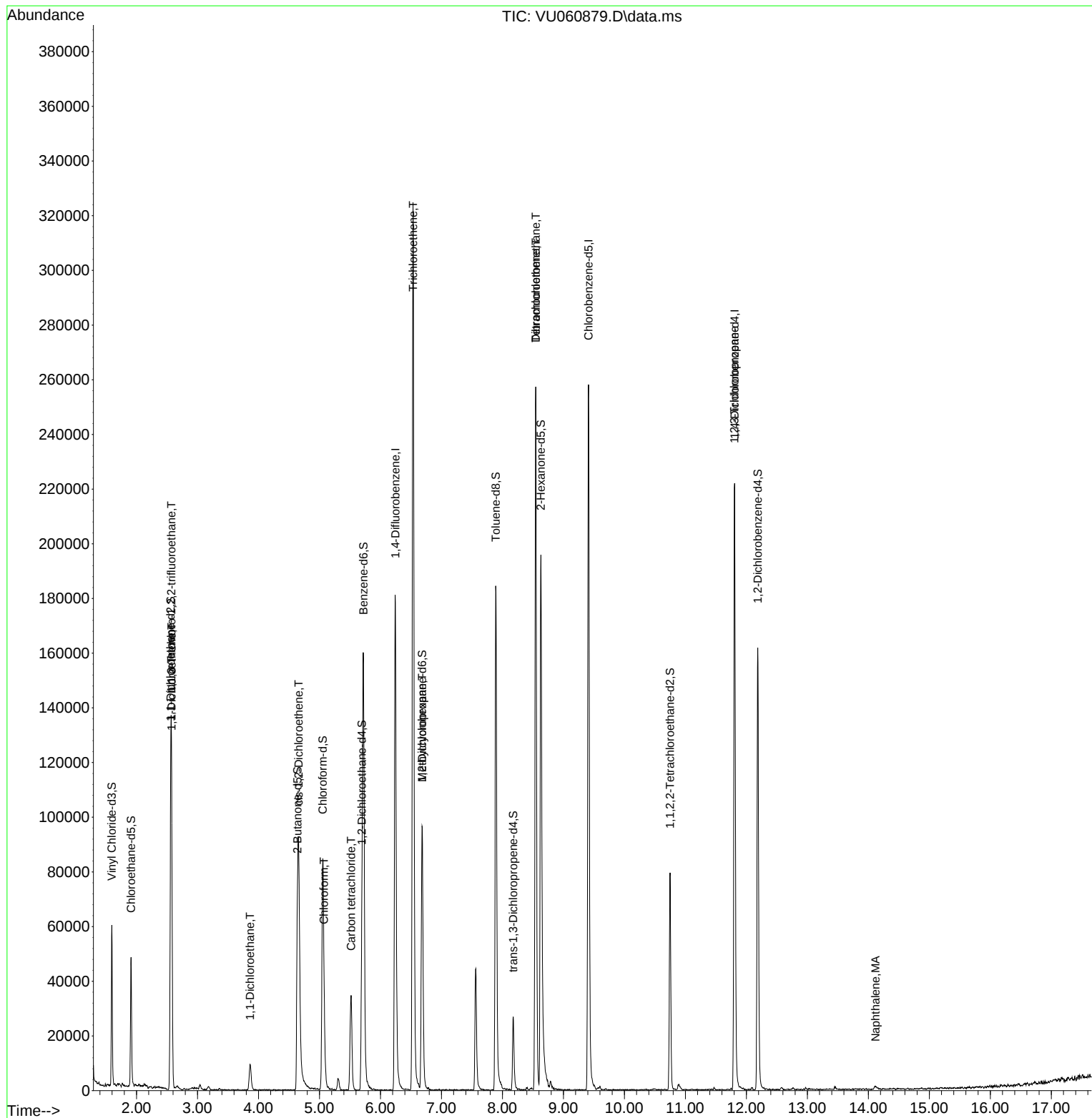
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	161096	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	167535	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41215	2.844	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	56.800%		
7) Chloroethane-d5	1.911	69	34932	3.386	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	67.800%		
11) 1,1-Dichloroethene-d2	2.560	65	16236	3.161	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	63.200%		
20) 2-Butanone-d5	4.637	46	87843	37.764	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	75.520%		
24) Chloroform-d	5.055	84	81167	3.664	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	73.200%		
26) 1,2-Dichloroethane-d4	5.695	65	40743	3.848	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	77.000%		
32) Benzene-d6	5.721	84	158686	3.534	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	70.600%		
36) 1,2-Dichloropropane-d6	6.682	67	52582	3.785	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	75.600%		
41) Toluene-d8	7.891	98	136679	3.339	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	66.800%#		
43) trans-1,3-Dichloroprop...	8.177	79	18268	3.653	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	73.000%		
46) 2-Hexanone-d5	8.631	63	74999	38.018	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	76.040%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	41824	3.843	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	76.800%		
66) 1,2-Dichlorobenzene-d4	12.187	152	49143	4.145	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	82.800%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	2333	0.210	ug/L #	80
12) 1,1-Dichloroethene	2.576	96	27826	2.746	ug/L	88
19) 1,1-Dichloroethane	3.862	63	12145	0.576	ug/L #	91
22) cis-1,2-Dichloroethene	4.660	96	32955	2.836	ug/L	89
25) Chloroform	5.075	83	10044	0.457	ug/L	94
31) Carbon tetrachloride	5.518	117	25593	1.598	ug/L	97
34) Trichloroethene	6.534	95	116455	9.643	ug/L	94
35) Methylcyclohexane	6.682	83	11805	0.713	ug/L #	17
47) Tetrachloroethene	8.547	164	61778	6.437	ug/L	98
49) Dibromochloromethane	8.547	129	57897	5.550	ug/L #	9
61) 1,2,3-Trichloropropane	11.804	75	7204	1.095	ug/L #	69
71) Naphthalene	14.116	128	1755	0.120	ug/L #	73

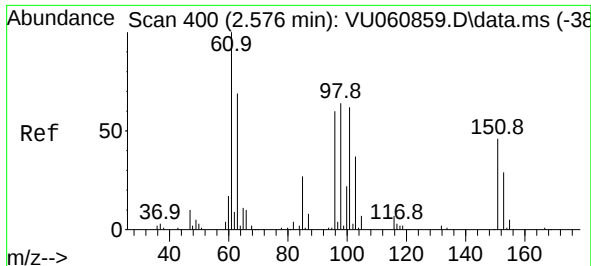
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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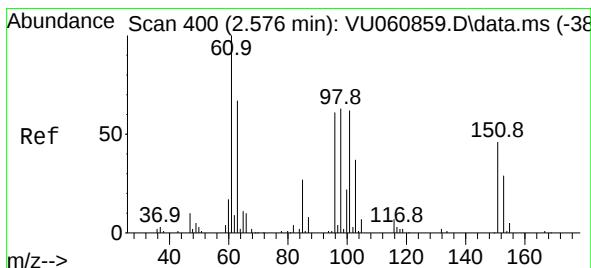
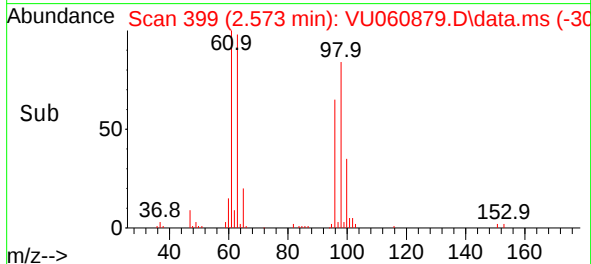
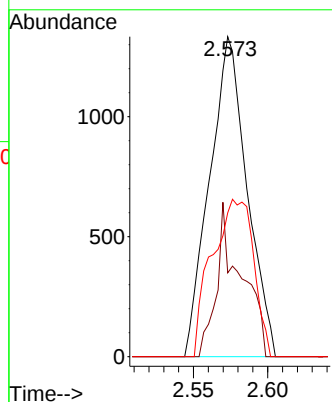
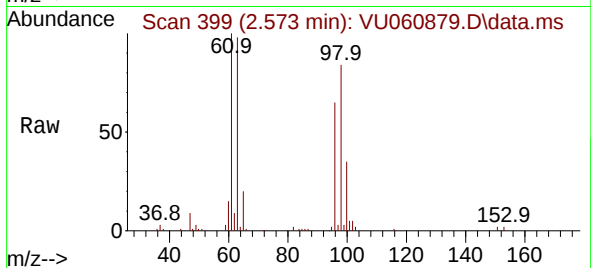




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.210 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU060879.D
 Acq: 18 Sep 2024 18:49

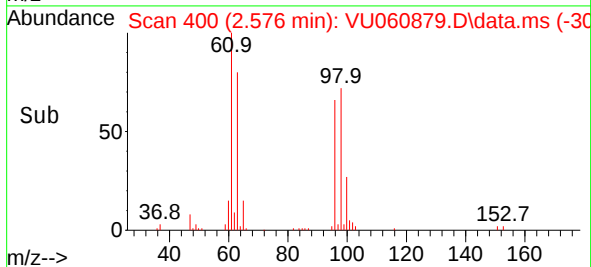
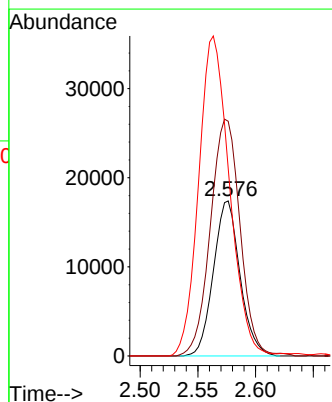
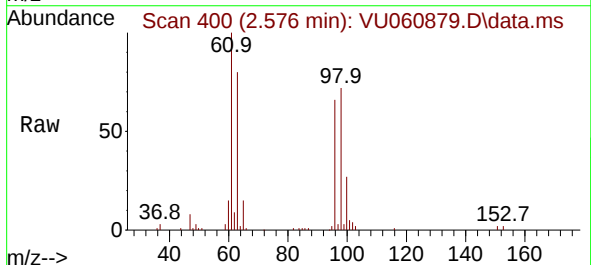
Instrument :
 MSVOA_U
 ClientSampleId :

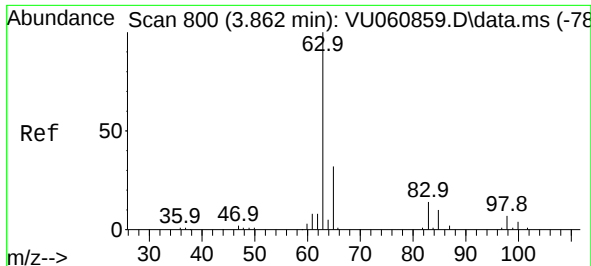
Tgt Ion:101 Resp: 2333
 Ion Ratio Lower Upper
 101 100
 85 31.6 34.2 51.4#
 151 54.7 58.6 88.0#



#12
 1,1-Dichloroethene
 Concen: 2.746 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060879.D
 Acq: 18 Sep 2024 18:49

Tgt Ion: 96 Resp: 27826
 Ion Ratio Lower Upper
 96 100
 61 151.3 120.7 224.1
 63 121.0 90.0 167.2

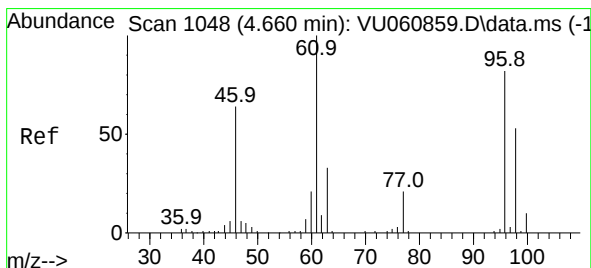
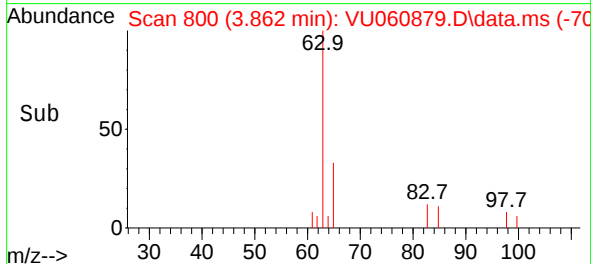
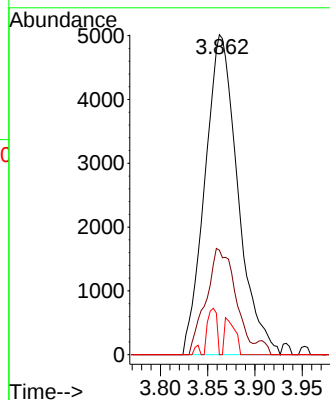
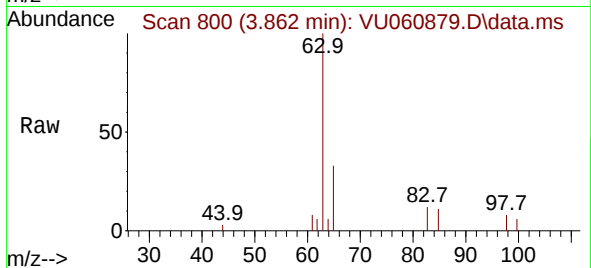




#19
1,1-Dichloroethane
Concen: 0.576 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU060879.D
Acq: 18 Sep 2024 18:49

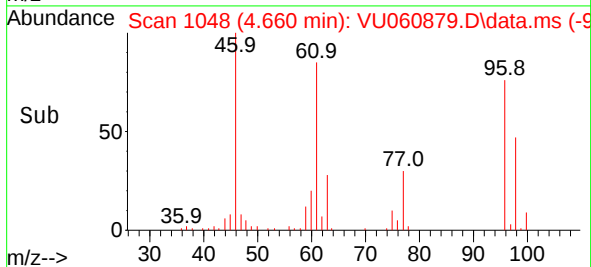
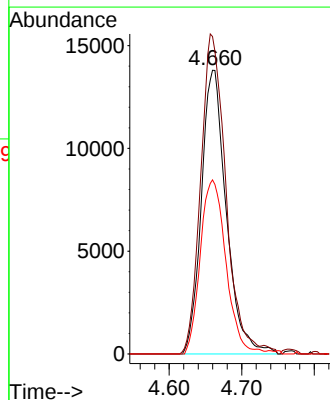
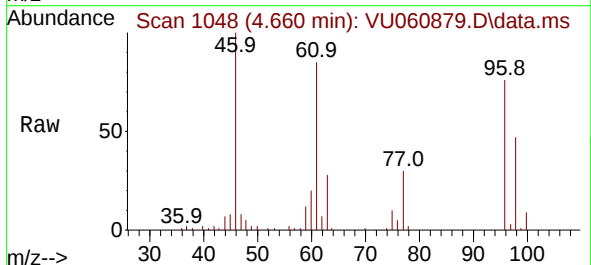
Instrument :
MSVOA_U
ClientSampleId :

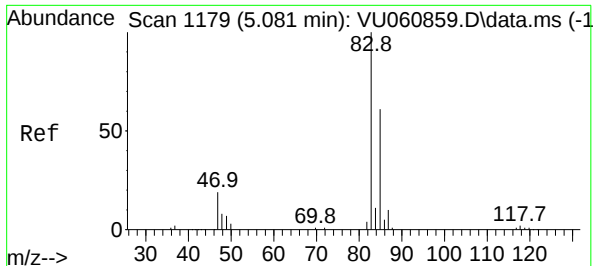
Tgt Ion: 63 Resp: 12145
Ion Ratio Lower Upper
63 100
65 32.6 23.0 42.8
83 0.0 9.0 16.6#



#22
cis-1,2-Dichloroethene
Concen: 2.836 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU060879.D
Acq: 18 Sep 2024 18:49

Tgt Ion: 96 Resp: 32955
Ion Ratio Lower Upper
96 100
61 111.9 89.7 166.5
98 61.4 45.1 83.9

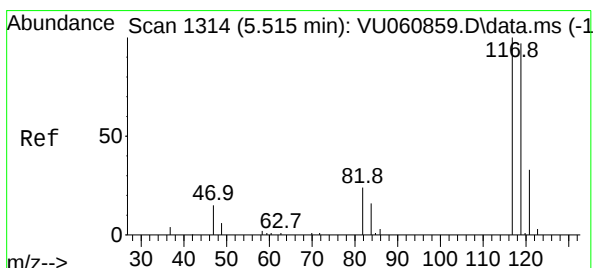
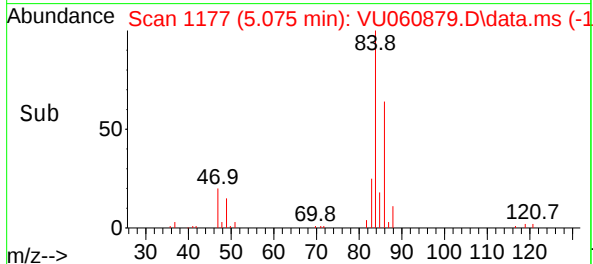
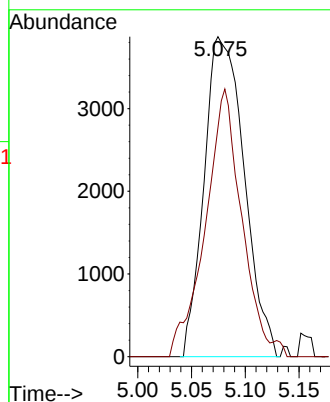
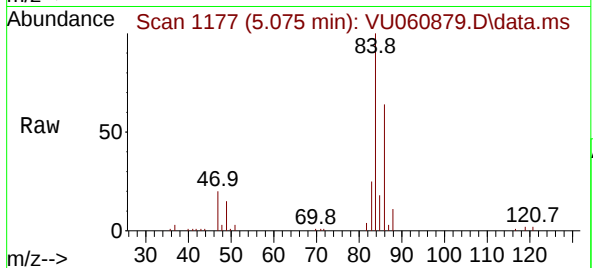




#25
Chloroform
Concen: 0.457 ug/L
RT: 5.075 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VU060879.D
Acq: 18 Sep 2024 18:49

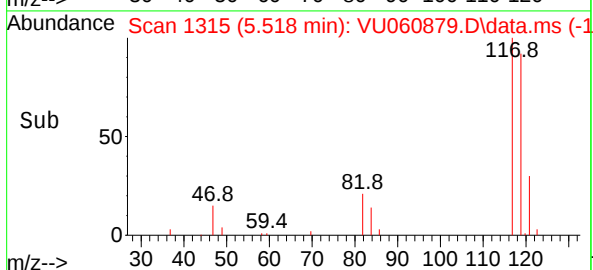
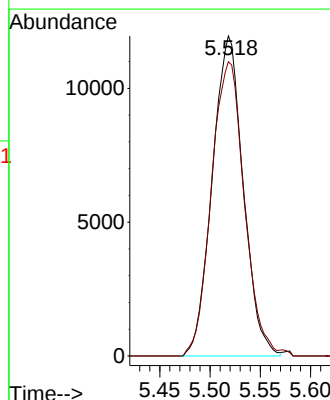
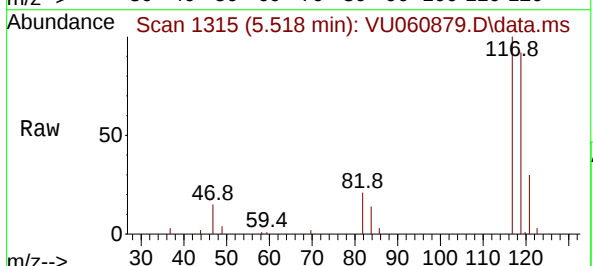
Instrument :
MSVOA_U
ClientSampleId :

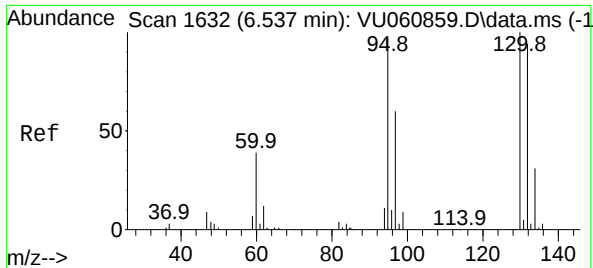
Tgt Ion: 83 Resp: 10044
Ion Ratio Lower Upper
83 100
85 71.6 46.8 86.8



#31
Carbon tetrachloride
Concen: 1.598 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU060879.D
Acq: 18 Sep 2024 18:49

Tgt Ion:117 Resp: 25593
Ion Ratio Lower Upper
117 100
119 97.9 76.3 114.5

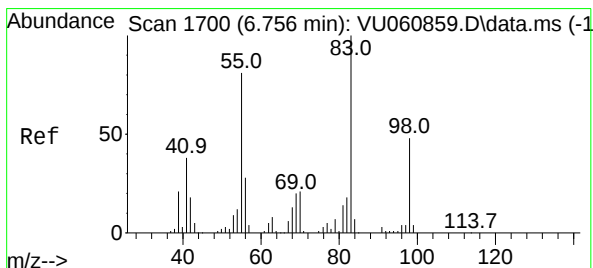
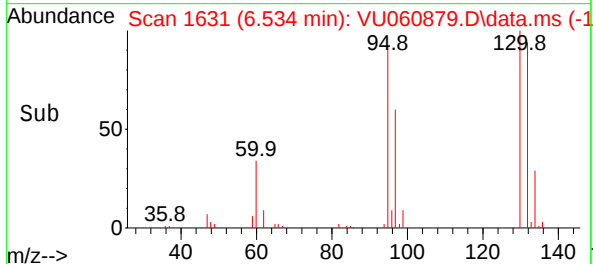
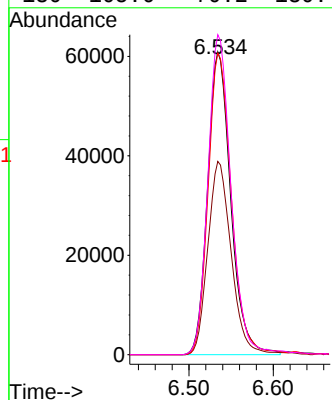
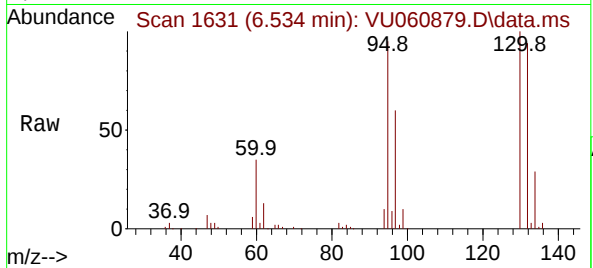




#34
Trichloroethene
Concen: 9.643 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060879.D
Acq: 18 Sep 2024 18:49

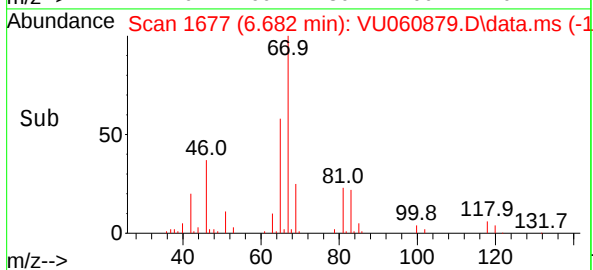
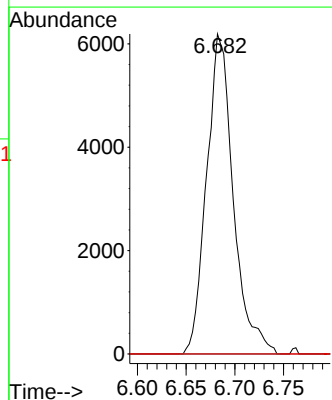
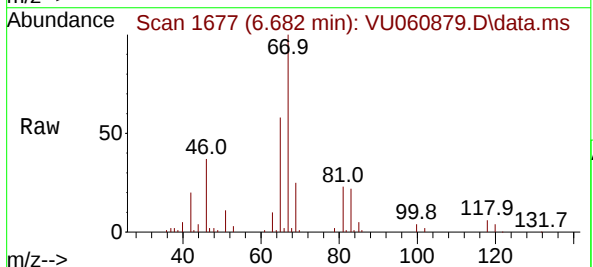
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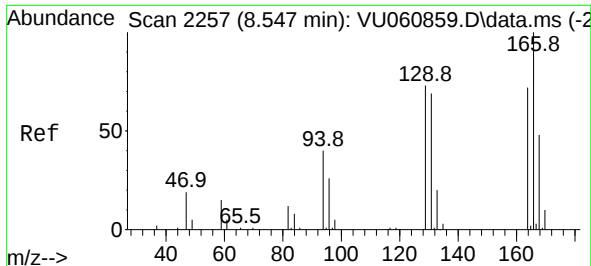
Tgt Ion: 95 Resp: 116455
Ion Ratio Lower Upper
95 100
97 63.8 44.9 83.5
132 99.6 63.5 117.9
130 105.6 70.2 130.4



#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060879.D
Acq: 18 Sep 2024 18:49

Tgt Ion: 83 Resp: 11805
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.0 37.6 56.4#





#47

Tetrachloroethene

Concen: 6.437 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

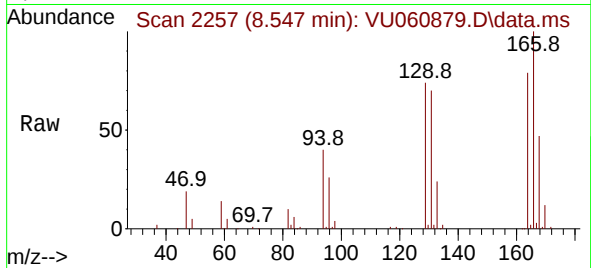
Lab File: VU060879.D

Acq: 18 Sep 2024 18:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 61778

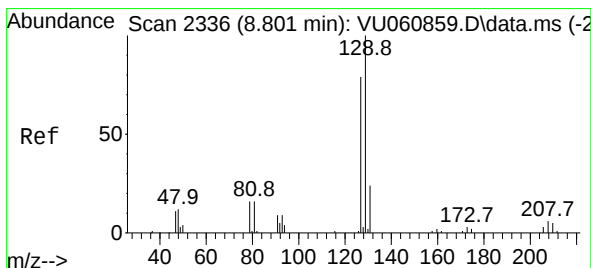
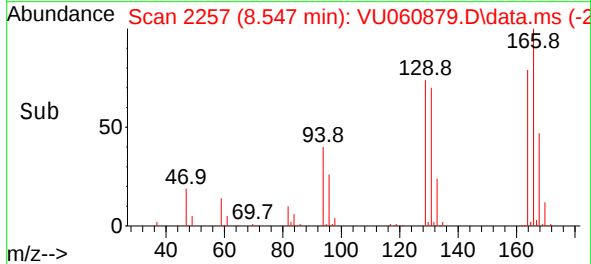
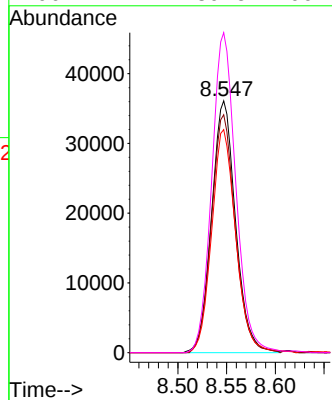
Ion Ratio Lower Upper

164 100

129 94.5 67.3 124.9

131 88.5 65.4 121.4

166 127.1 89.5 166.1



#49

Dibromochloromethane

Concen: 5.550 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU060879.D

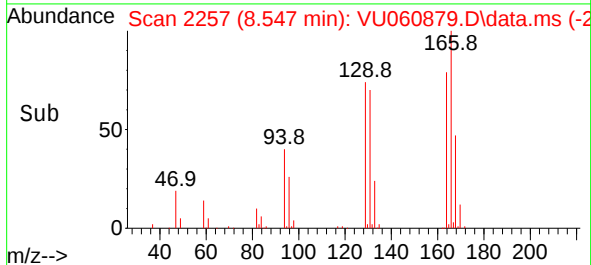
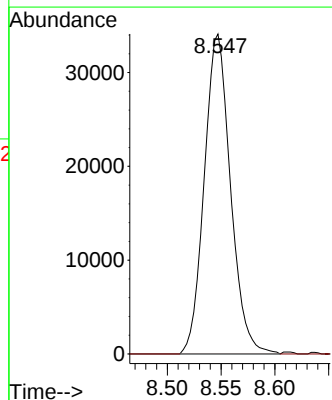
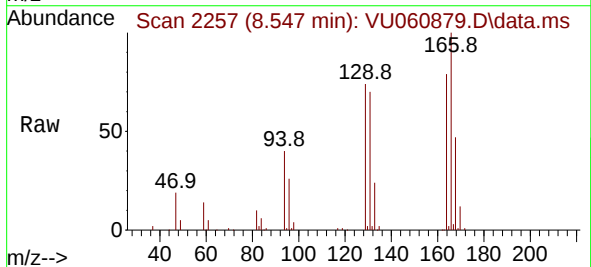
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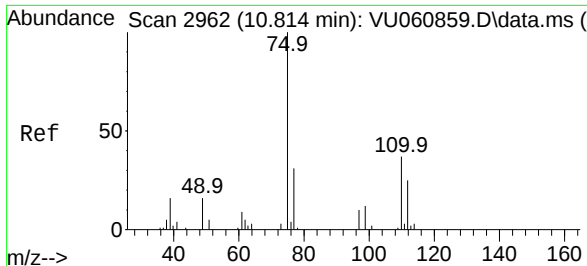
Tgt Ion:129 Resp: 57897

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#





#61

1,2,3-Trichloropropane

Concen: 1.095 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU060879.D

Acq: 18 Sep 2024 18:49

Instrument :

MSVOA_U

ClientSampleId :

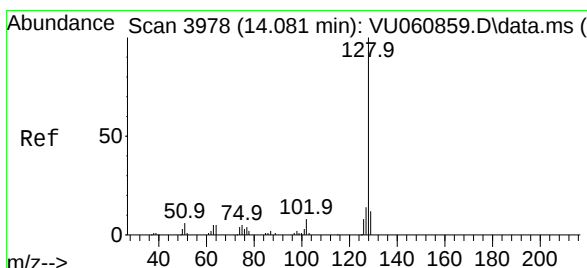
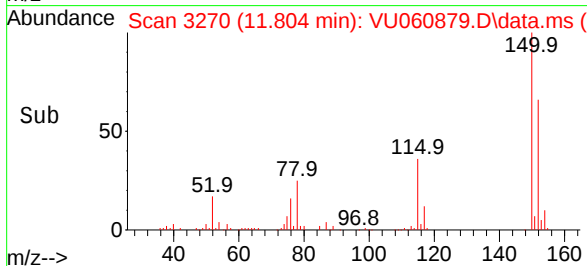
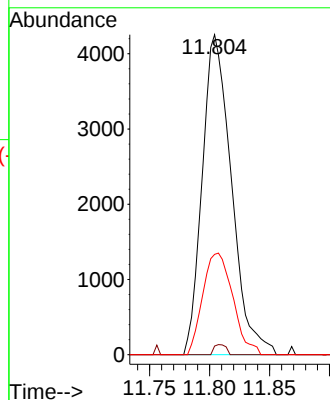
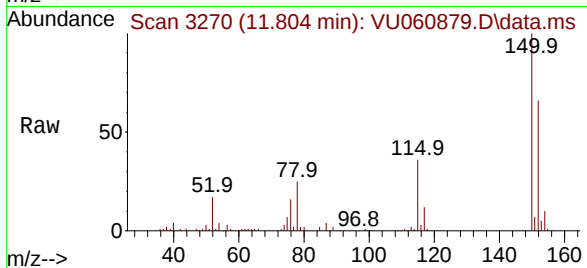
Tgt Ion: 75 Resp: 7204

Ion Ratio Lower Upper

75 100

110 1.3 28.6 43.0#

77 32.6 26.3 39.5



#71

Naphthalene

Concen: 0.120 ug/L

RT: 14.116 min Scan# 3989

Delta R.T. 0.035 min

Lab File: VU060879.D

Acq: 18 Sep 2024 18:49

Tgt Ion:128 Resp: 1755

Ion Ratio Lower Upper

128 100

129 0.0 8.3 12.5#

127 2.8 10.7 16.1#

