

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
 Data File : VU060880.D
 Acq On : 18 Sep 2024 19:14
 Operator : MD/SY
 Sample : P3952-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 05:17:04 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

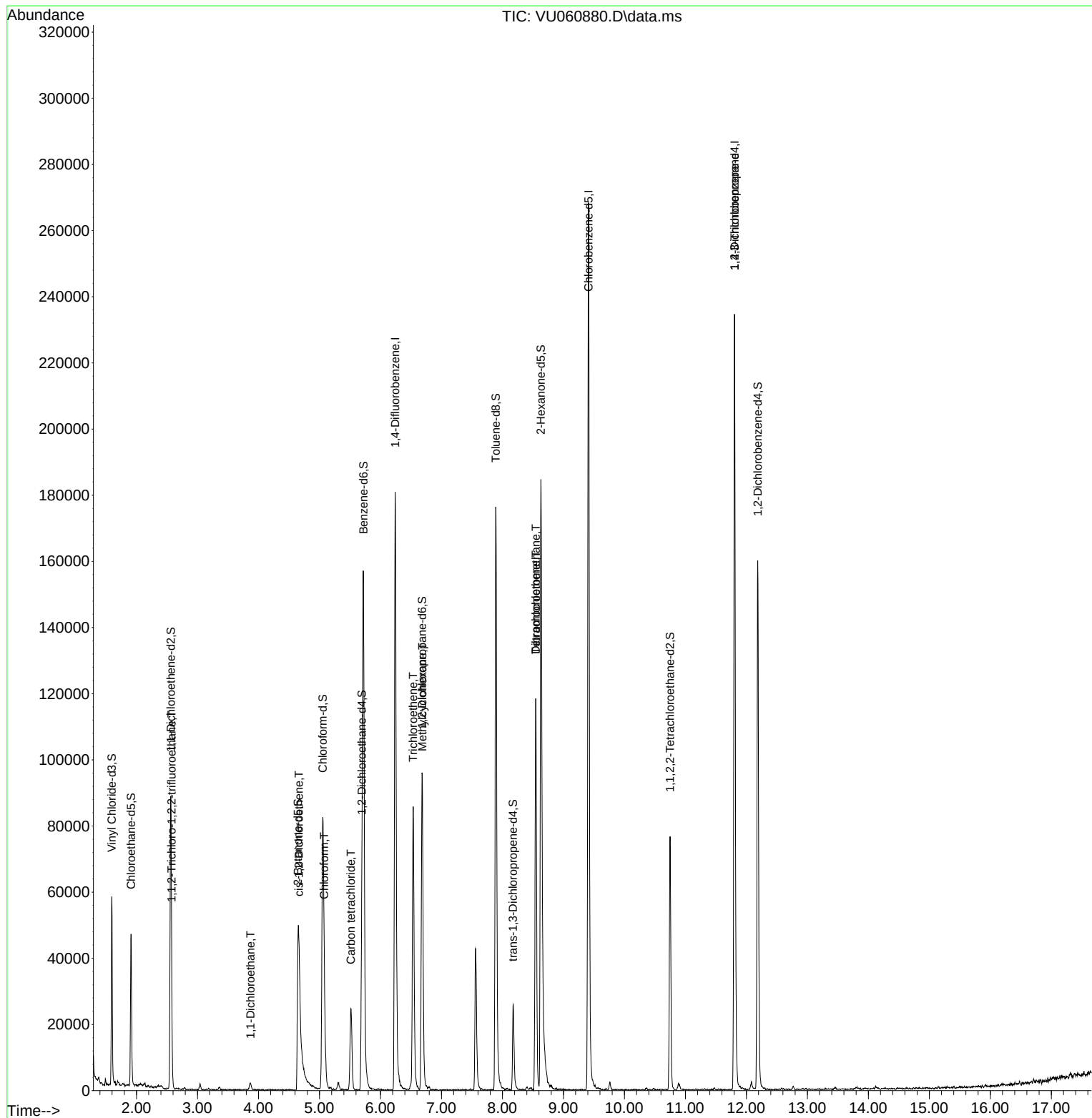
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	160516	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	170668	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72183	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40765	2.824	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.400%
7) Chloroethane-d5	1.911	69	34088	3.316	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.400%
11) 1,1-Dichloroethene-d2	2.563	65	16823	3.288	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	4.650	46	88971	38.387	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.780%
24) Chloroform-d	5.055	84	81532	3.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
26) 1,2-Dichloroethane-d4	5.695	65	38488	3.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
32) Benzene-d6	5.721	84	159459	3.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.800%#
36) 1,2-Dichloropropane-d6	6.682	67	51339	3.627	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.600%
41) Toluene-d8	7.891	98	132885	3.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.800%#
43) trans-1,3-Dichloroprop...	8.174	79	16838	3.305	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.200%
46) 2-Hexanone-d5	8.631	63	72727	36.189	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.380%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	41802	3.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	48678	4.013	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.200%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	2909	0.263	ug/L #	85
19) 1,1-Dichloroethane	3.869	63	3211	0.153	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	7588	0.655	ug/L	88
25) Chloroform	5.078	83	17568	0.802	ug/L	95
31) Carbon tetrachloride	5.515	117	17909	1.098	ug/L	96
34) Trichloroethene	6.537	95	31588	2.568	ug/L	93
35) Methylcyclohexane	6.689	83	11032	0.654	ug/L #	18
47) Tetrachloroethene	8.547	164	29714	3.039	ug/L	97
49) Dibromochloromethane	8.547	129	27325	2.571	ug/L #	9
61) 1,2,3-Trichloropropane	11.807	75	7483	1.111	ug/L #	68

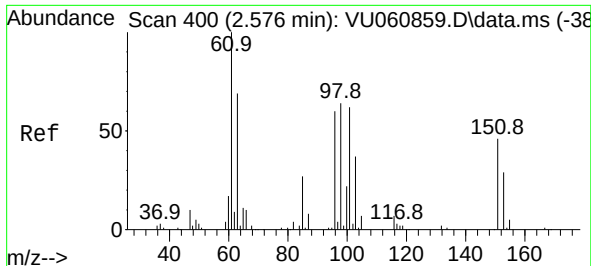
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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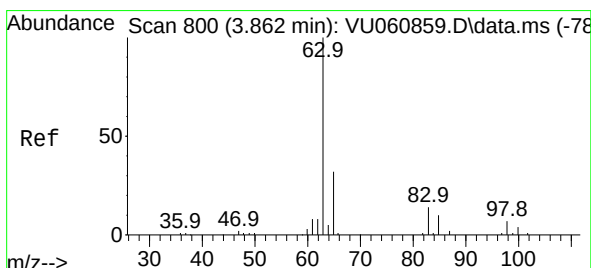
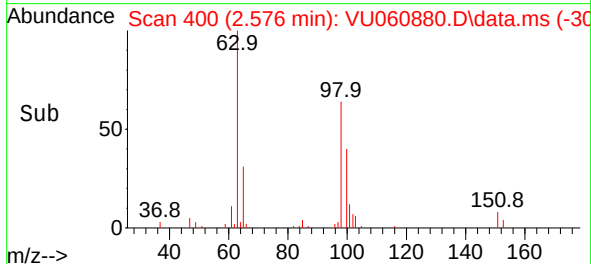
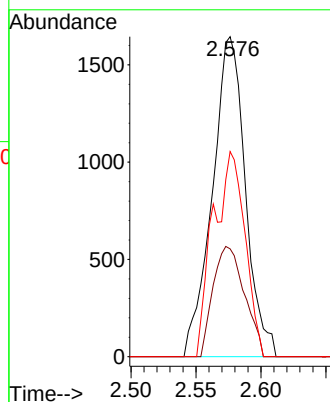
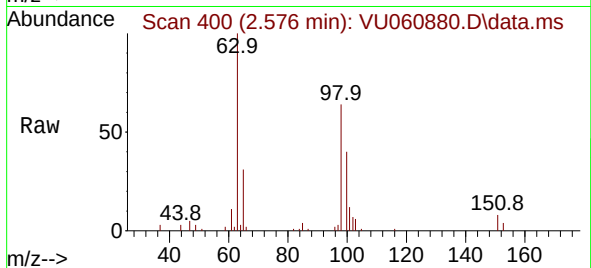




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.263 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060880.D
 Acq: 18 Sep 2024 19:14

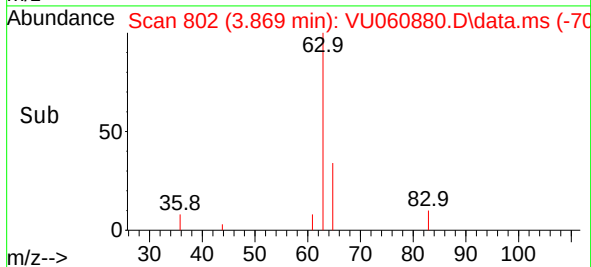
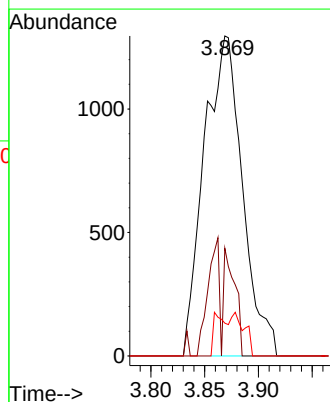
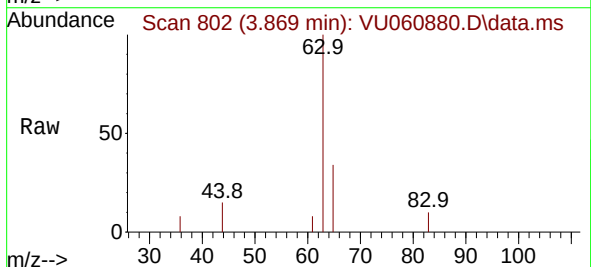
Instrument :
 MSVOA_U
 ClientSampleId :

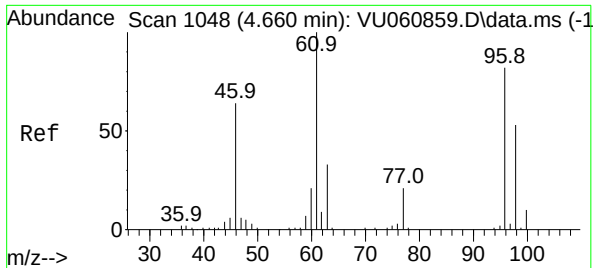
Tgt Ion:101 Resp: 2909
 Ion Ratio Lower Upper
 101 100
 85 32.7 34.2 51.4#
 151 61.5 58.6 88.0



#19
 1,1-Dichloroethane
 Concen: 0.153 ug/L
 RT: 3.869 min Scan# 802
 Delta R.T. 0.006 min
 Lab File: VU060880.D
 Acq: 18 Sep 2024 19:14

Tgt Ion: 63 Resp: 3211
 Ion Ratio Lower Upper
 63 100
 65 33.6 23.0 42.8
 83 10.3 9.0 16.6

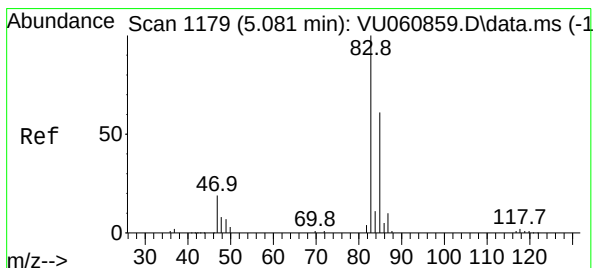
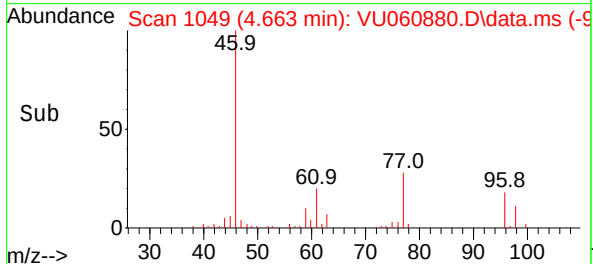
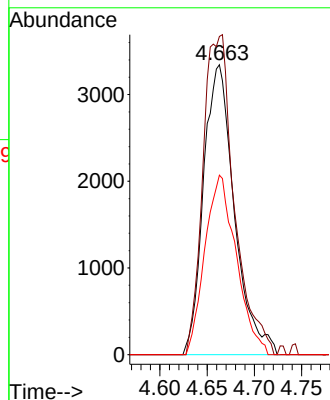
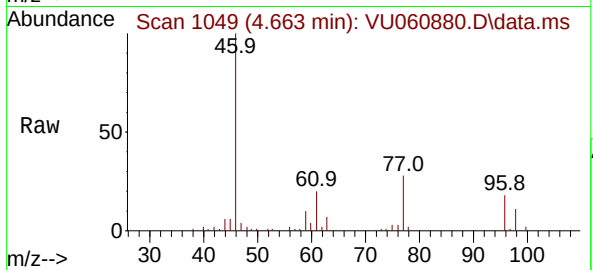




#22
cis-1,2-Dichloroethene
Concen: 0.655 ug/L
RT: 4.663 min Scan# 110
Delta R.T. 0.003 min
Lab File: VU060880.D
Acq: 18 Sep 2024 19:14

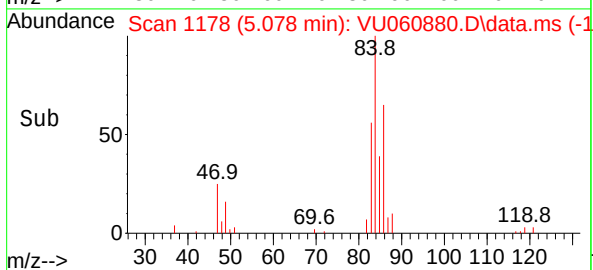
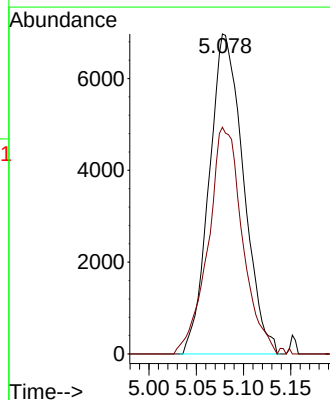
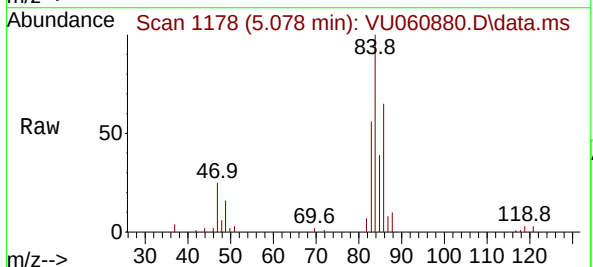
Instrument :
MSVOA_U
ClientSampleId :

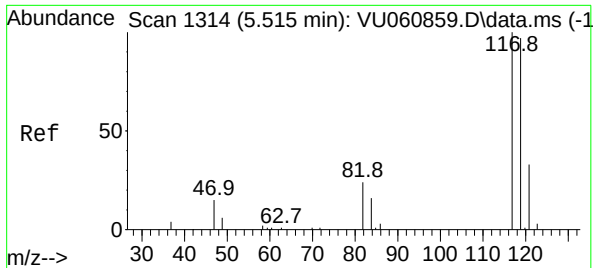
Tgt Ion: 96 Resp: 7588
Ion Ratio Lower Upper
96 100
61 109.7 89.7 166.5
98 61.9 45.1 83.9



#25
Chloroform
Concen: 0.802 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VU060880.D
Acq: 18 Sep 2024 19:14

Tgt Ion: 83 Resp: 17568
Ion Ratio Lower Upper
83 100
85 70.9 46.8 86.8

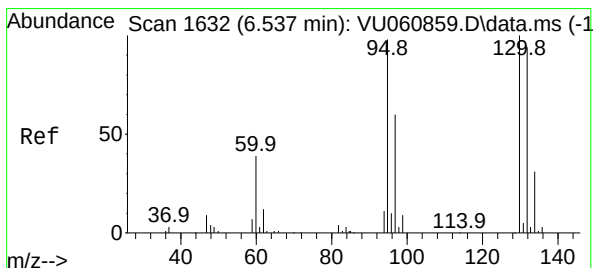
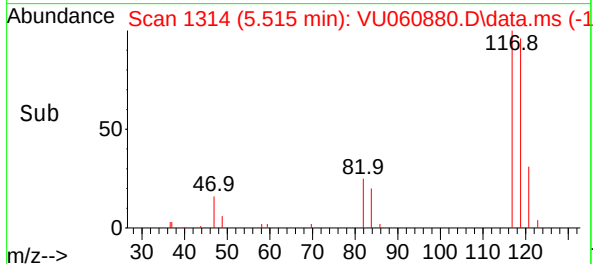
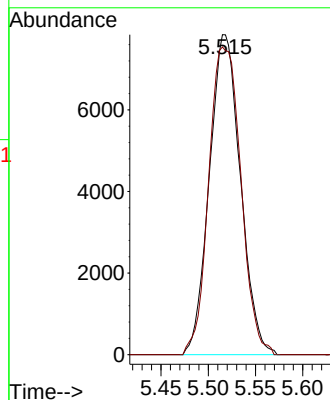
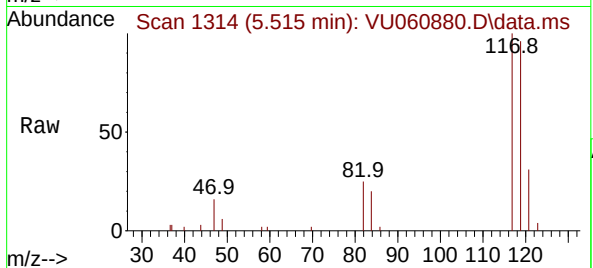




#31
Carbon tetrachloride
Concen: 1.098 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU060880.D
Acq: 18 Sep 2024 19:14

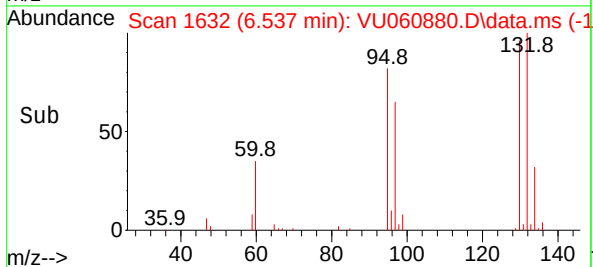
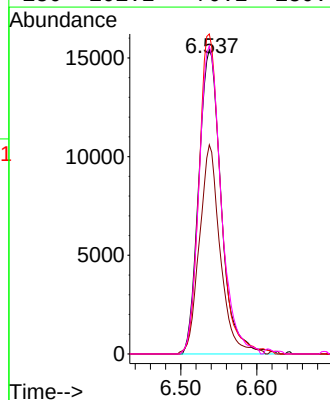
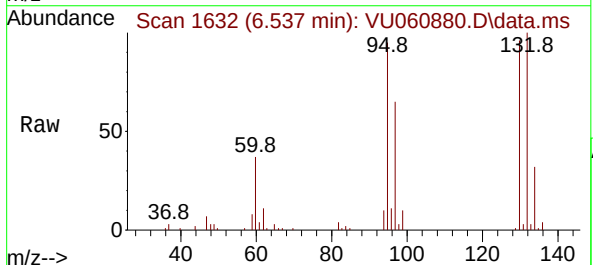
Instrument :
MSVOA_U
ClientSampleId :

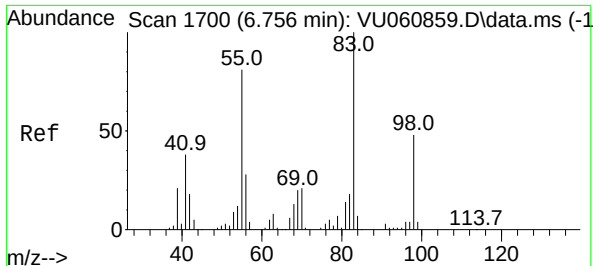
Tgt Ion:117 Resp: 17909
Ion Ratio Lower Upper
117 100
119 99.5 76.3 114.5



#34
Trichloroethene
Concen: 2.568 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU060880.D
Acq: 18 Sep 2024 19:14

Tgt Ion: 95 Resp: 31588
Ion Ratio Lower Upper
95 100
97 68.7 44.9 83.5
132 105.1 63.5 117.9
130 101.2 70.2 130.4





#35

Methylcyclohexane

Concen: 0.654 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.067 min

Lab File: VU060880.D

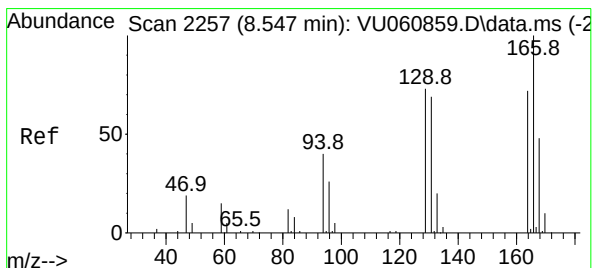
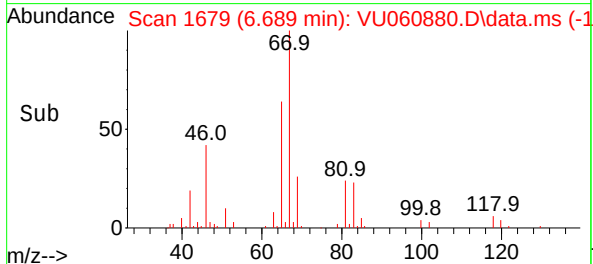
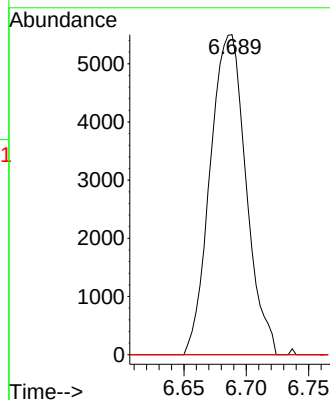
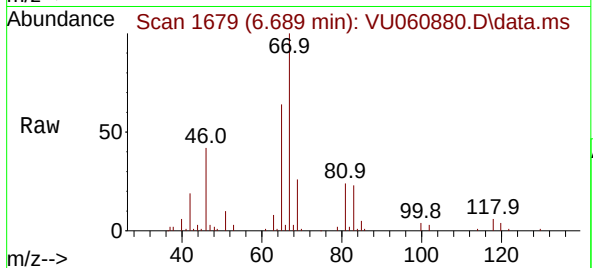
Acq: 18 Sep 2024 19:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 11032
Ion Ratio	Lower Upper
83 100	
55 0.2	62.6 94.0#
98 0.0	37.6 56.4#



#47

Tetrachloroethene

Concen: 3.039 ug/L

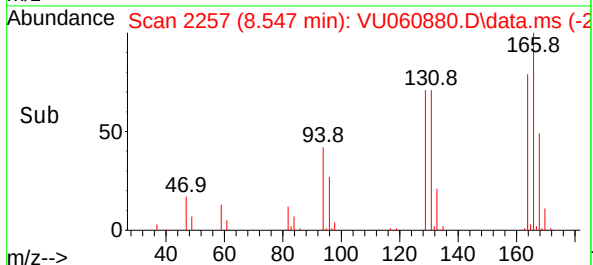
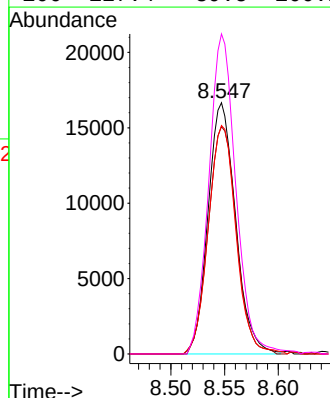
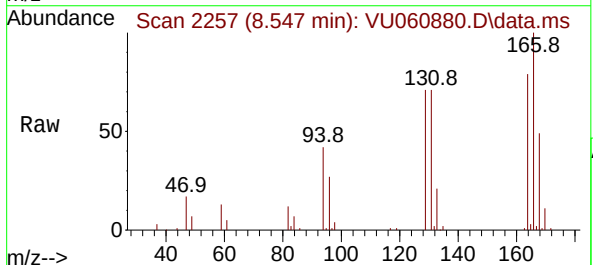
RT: 8.547 min Scan# 2257

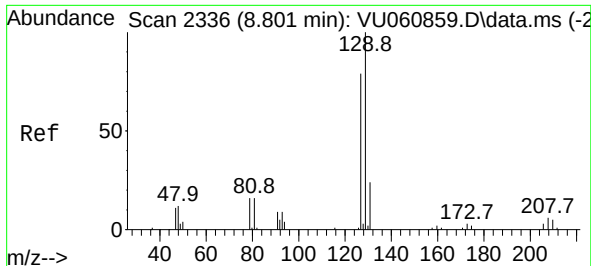
Delta R.T. 0.000 min

Lab File: VU060880.D

Acq: 18 Sep 2024 19:14

Tgt Ion: 164	Resp: 29714
Ion Ratio	Lower Upper
164 100	
129 90.5	67.3 124.9
131 91.0	65.4 121.4
166 127.4	89.5 166.1





#49

Dibromochloromethane

Concen: 2.571 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU060880.D

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Instrument :

MSVOA_U

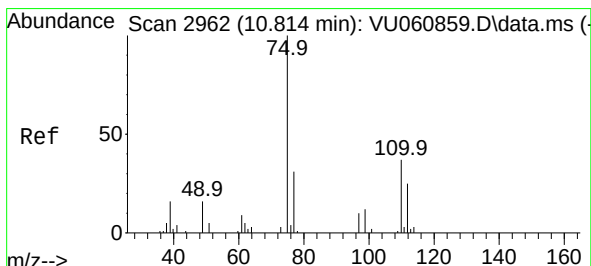
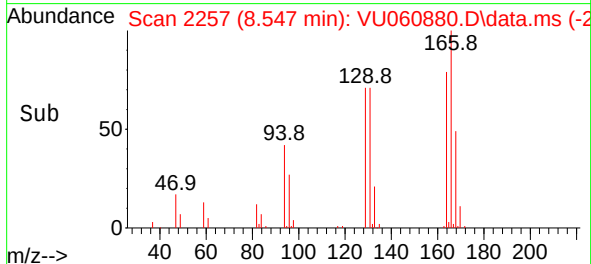
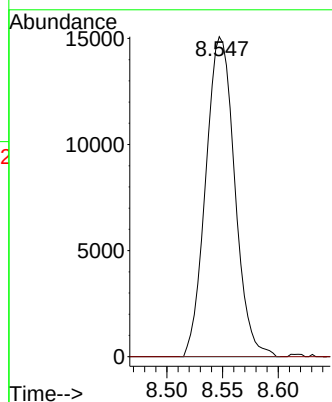
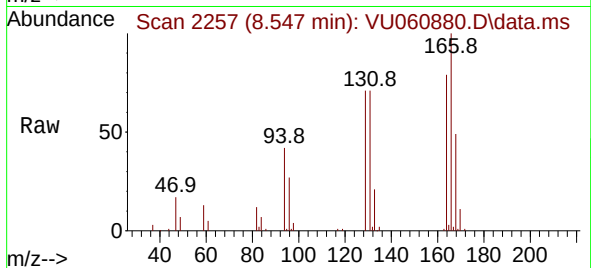
ClientSampleId :

Tgt Ion:129 Resp: 27325

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#



#61

1,2,3-Trichloropropane

Concen: 1.111 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.994 min

Lab File: VU060880.D

Acq: 18 Sep 2024 19:14

Tgt Ion: 75 Resp: 7483

Ion Ratio Lower Upper

75 100

110 2.0 28.6 43.0#

77 30.7 26.3 39.5

