

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060893.D
 Acq On : 19 Sep 2024 13:09
 Operator : MD/SY
 Sample : P3952-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 23:56:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 23:54:48 2024
 Response via : Initial Calibration

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

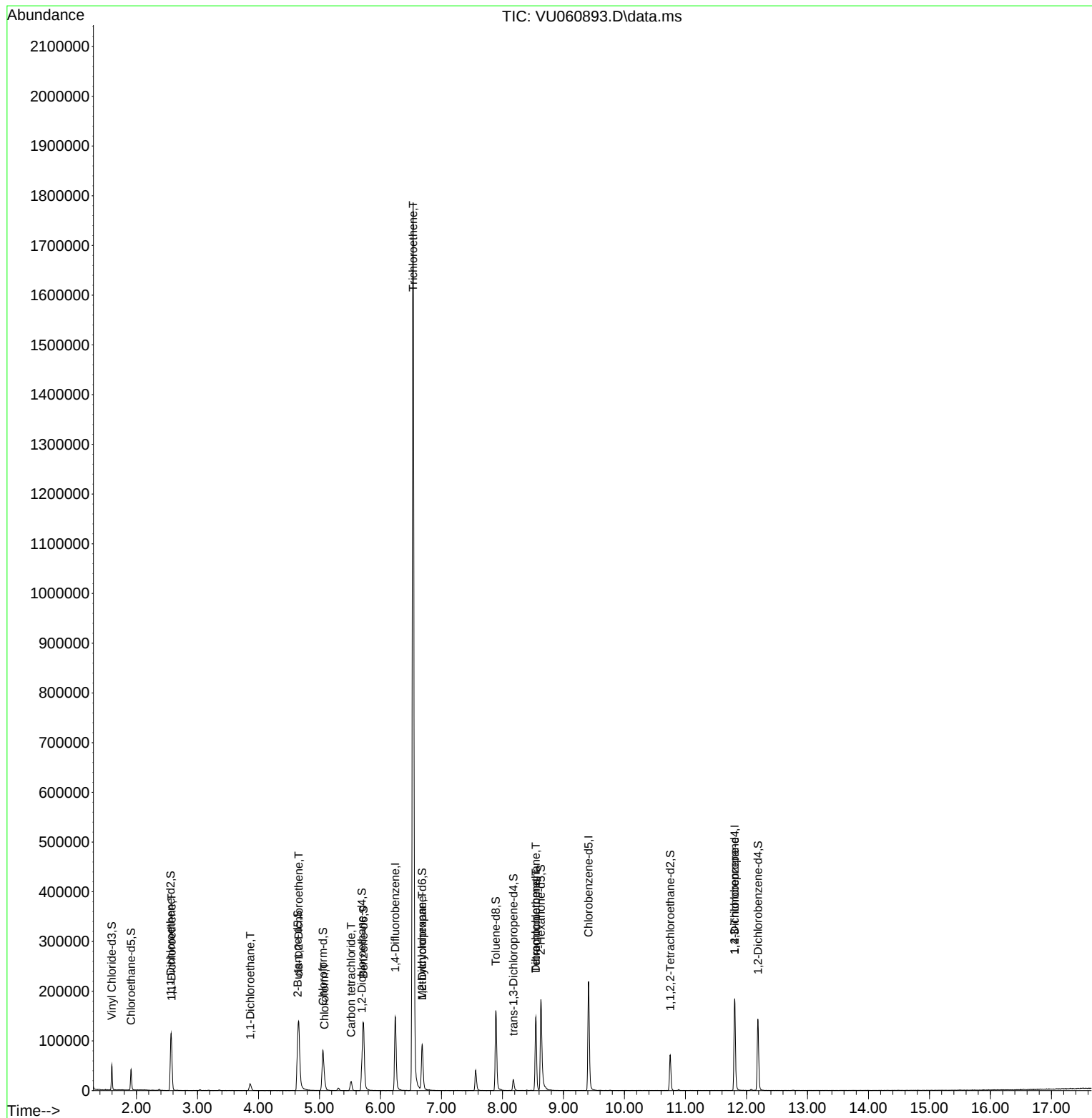
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	129391	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	137292	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	58308	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36182	3.109	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.200%
7) Chloroethane-d5	1.911	69	30080	3.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.560	65	15227	3.692	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	4.641	46	82804	44.320	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.640%
24) Chloroform-d	5.055	84	74150	4.168	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.695	65	38030	4.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.721	84	137327	3.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.600%
36) 1,2-Dichloropropane-d6	6.682	67	45733	4.017	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.891	98	118201	3.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	8.181	79	15044	3.671	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.631	63	67496	41.751	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.500%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	38227	4.286	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	43783	4.469	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	21708	2.667	ug/L	93
19) 1,1-Dichloroethane	3.866	63	16755	0.989	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	63484	6.801	ug/L	96
25) Chloroform	5.081	83	14780	0.837	ug/L	92
31) Carbon tetrachloride	5.518	117	13679	1.042	ug/L	97
34) Trichloroethene	6.534	95	622353	62.888	ug/L	95
35) Methylcyclohexane	6.682	83	10455	0.770	ug/L #	30
47) Tetrachloroethene	8.547	164	35116	4.465	ug/L	99
49) Dibromochloromethane	8.547	129	33506	3.919	ug/L #	9
61) 1,2,3-Trichloropropane	11.807	75	5927	1.090	ug/L #	68

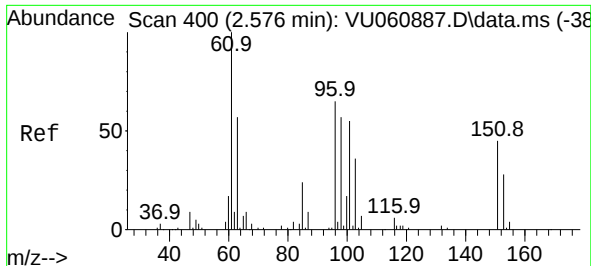
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 23:54:48 2024
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#12

1,1-Dichloroethene

Concen: 2.667 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU060893.D

Acq: 19 Sep 2024 13:09

Instrument :

MSVOA_U

ClientSampleId :

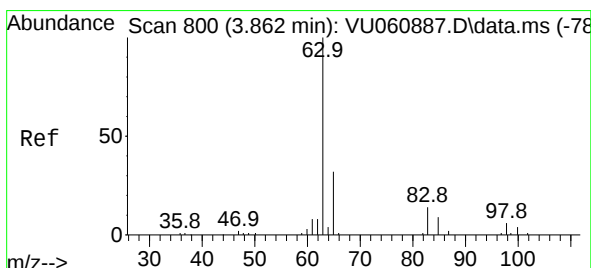
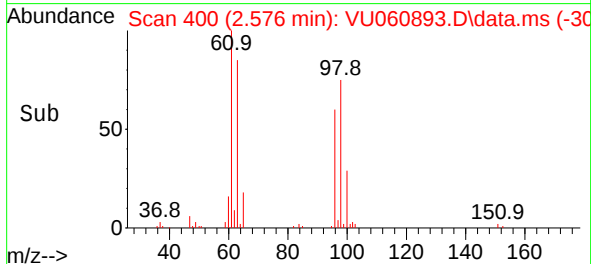
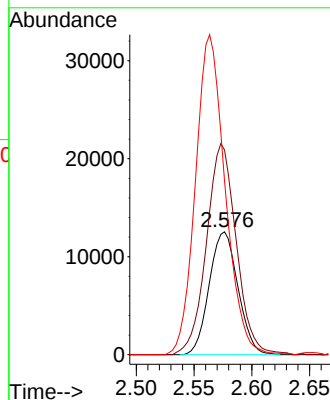
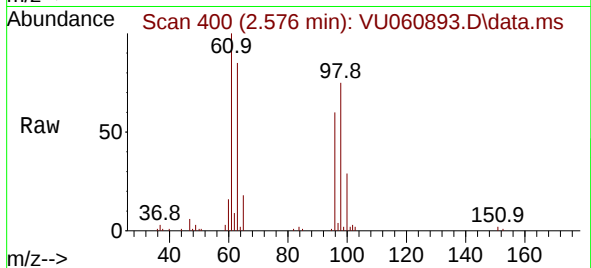
Tgt Ion: 96 Resp: 21708

Ion Ratio Lower Upper

96 100

61 166.6 120.7 224.1

63 141.5 90.0 167.2



#19

1,1-Dichloroethane

Concen: 0.989 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.003 min

Lab File: VU060893.D

Acq: 19 Sep 2024 13:09

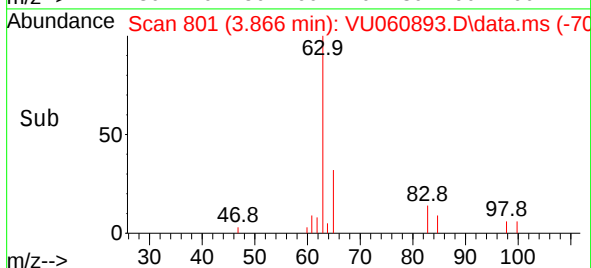
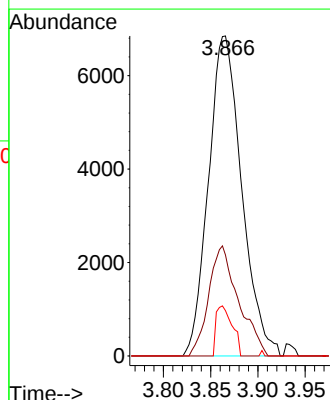
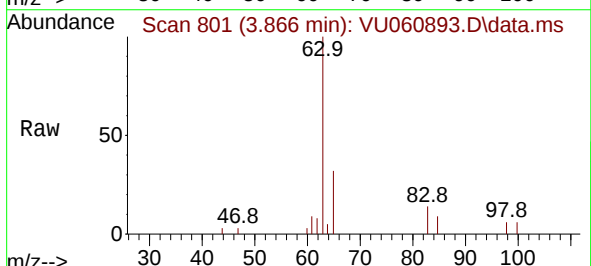
Tgt Ion: 63 Resp: 16755

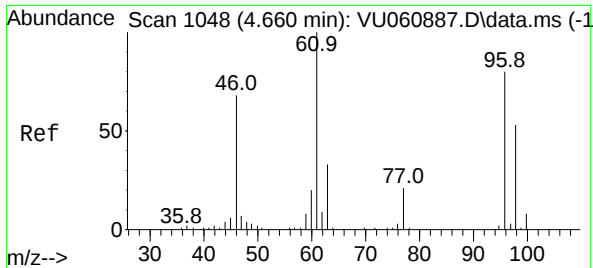
Ion Ratio Lower Upper

63 100

65 30.1 23.0 42.8

83 13.5 9.0 16.6

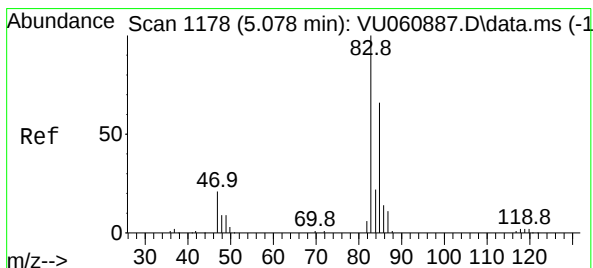
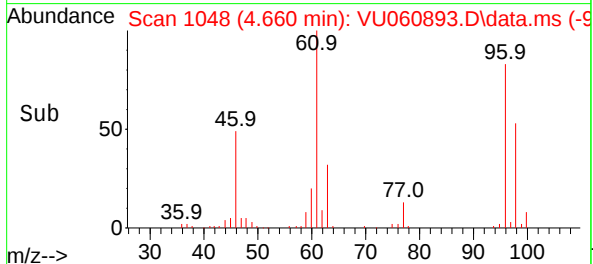
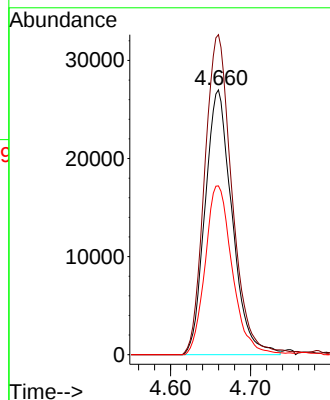
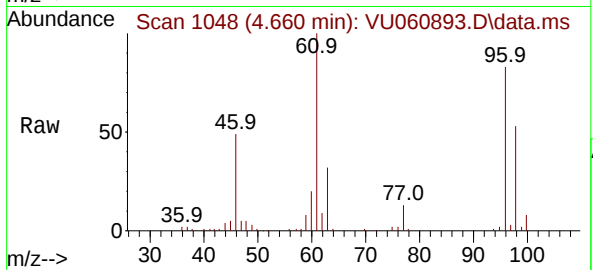




#22
cis-1,2-Dichloroethene
Concen: 6.801 ug/L
RT: 4.660 min Scan# 110
Delta R.T. 0.000 min
Lab File: VU060893.D
Acq: 19 Sep 2024 13:09

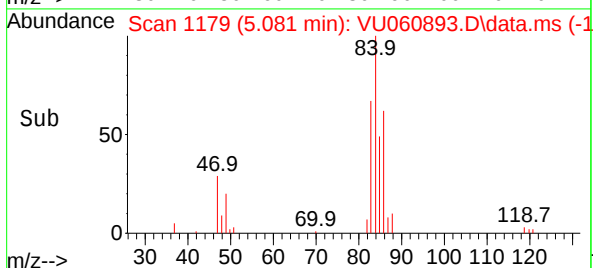
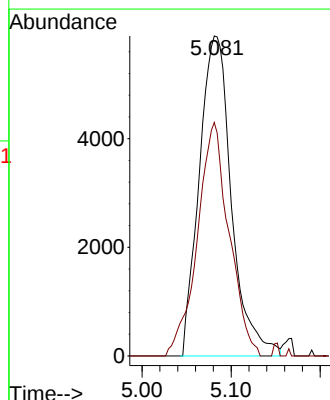
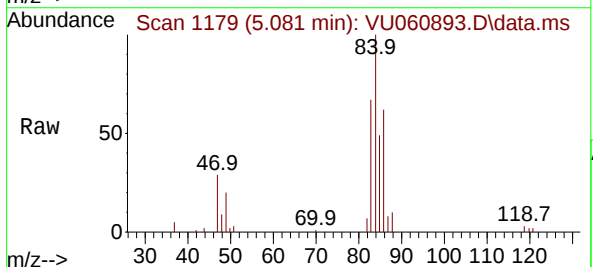
Instrument :
MSVOA_U
ClientSampleId :

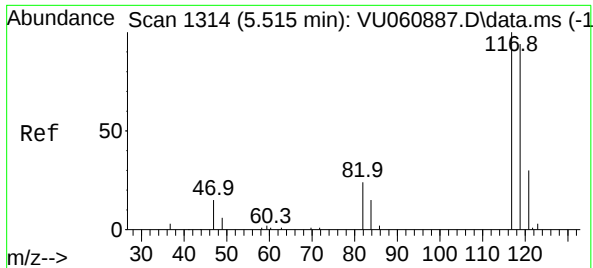
Tgt Ion: 96 Resp: 63484
Ion Ratio Lower Upper
96 100
61 120.9 89.7 166.5
98 63.8 45.1 83.9



#25
Chloroform
Concen: 0.837 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU060893.D
Acq: 19 Sep 2024 13:09

Tgt Ion: 83 Resp: 14780
Ion Ratio Lower Upper
83 100
85 72.9 46.8 86.8

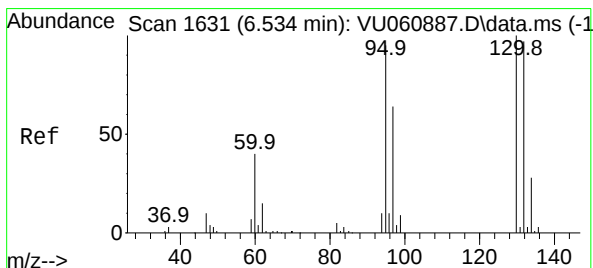
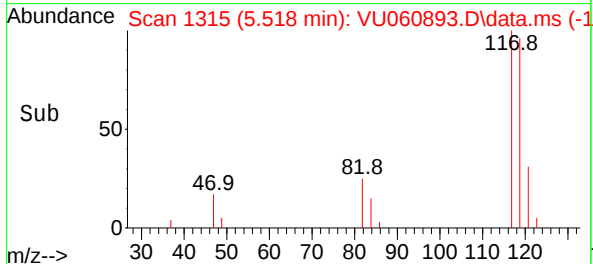
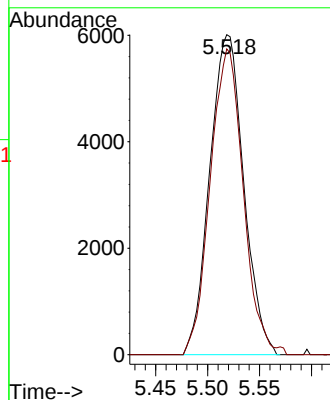
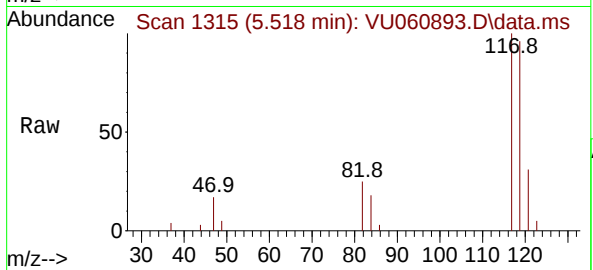




#31
Carbon tetrachloride
Concen: 1.042 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU060893.D
Acq: 19 Sep 2024 13:09

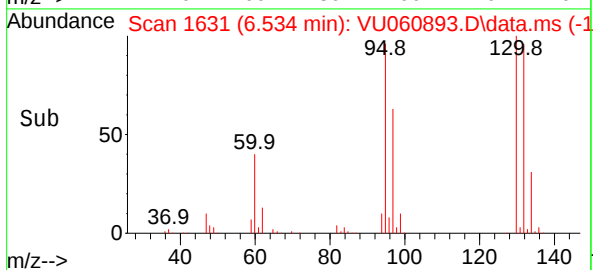
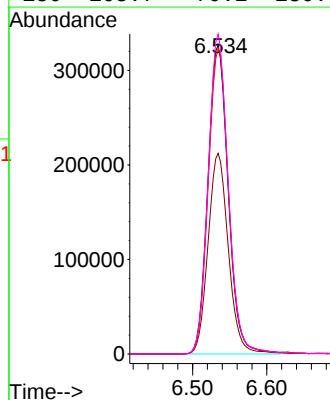
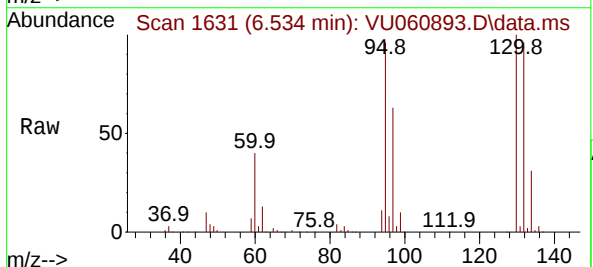
Instrument :
MSVOA_U
ClientSampleId :

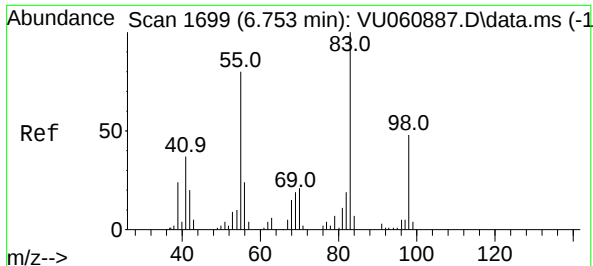
Tgt Ion:117 Resp: 13679
Ion Ratio Lower Upper
117 100
119 92.9 76.3 114.5



#34
Trichloroethene
Concen: 62.888 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU060893.D
Acq: 19 Sep 2024 13:09

Tgt Ion: 95 Resp: 622353
Ion Ratio Lower Upper
95 100
97 65.0 44.9 83.5
132 99.1 63.5 117.9
130 103.7 70.2 130.4





#35

Methylcyclohexane

Concen: 0.770 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU060893.D

Acq: 19 Sep 2024 13:09

Instrument :

MSVOA_U

ClientSampleId :

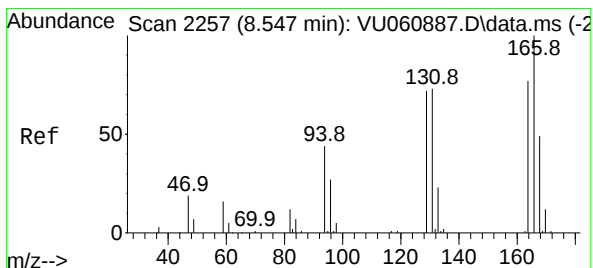
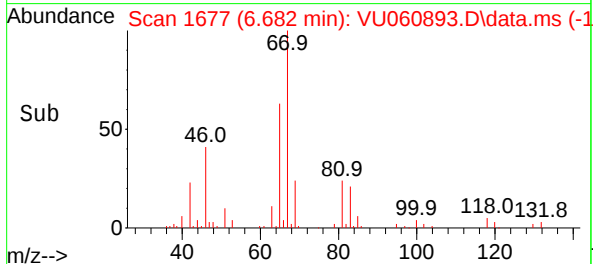
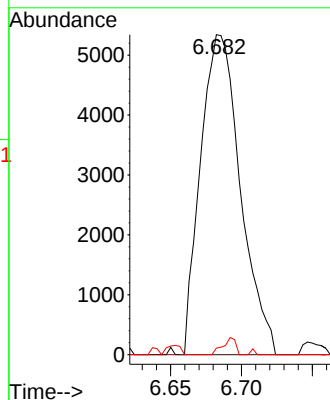
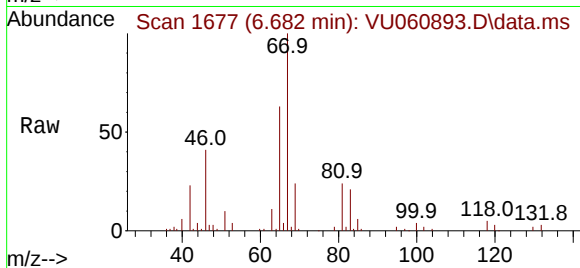
Tgt Ion: 83 Resp: 10455

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 22.7 37.6 56.4#



#47

Tetrachloroethene

Concen: 4.465 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU060893.D

Acq: 19 Sep 2024 13:09

Tgt Ion: 164 Resp: 35116

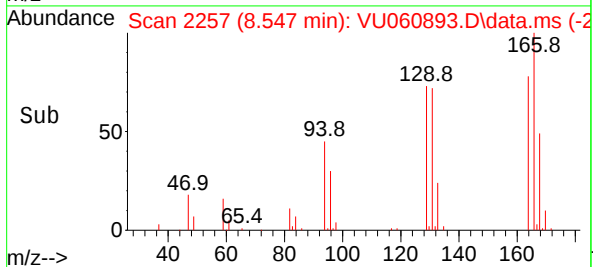
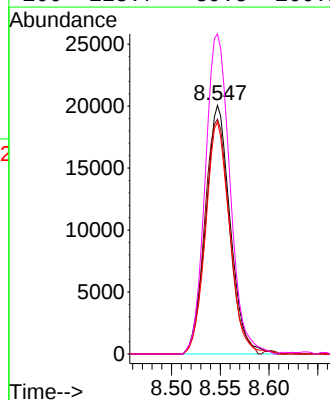
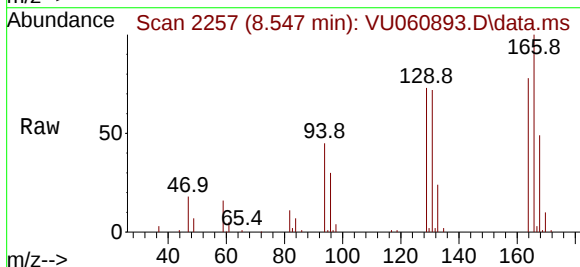
Ion Ratio Lower Upper

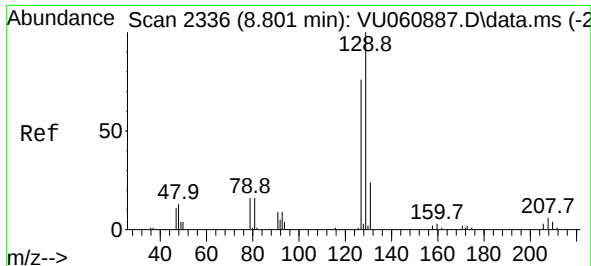
164 100

129 94.3 67.3 124.9

131 93.2 65.4 121.4

166 128.7 89.5 166.1





#49

Dibromochloromethane

Concen: 3.919 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU060893.D

Acq: 19 Sep 2024 13:09

Instrument :

MSVOA_U

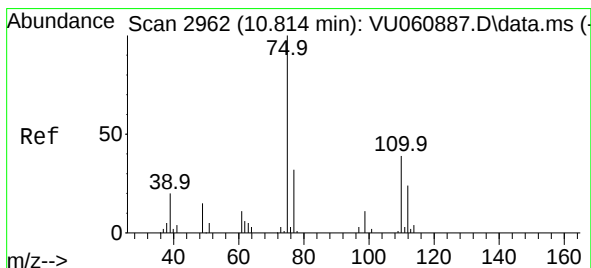
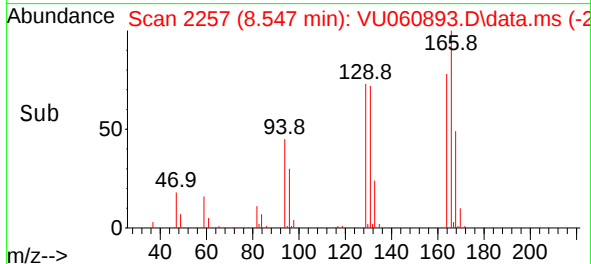
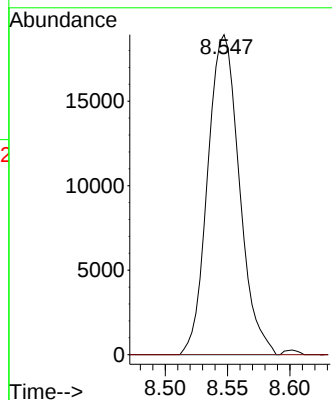
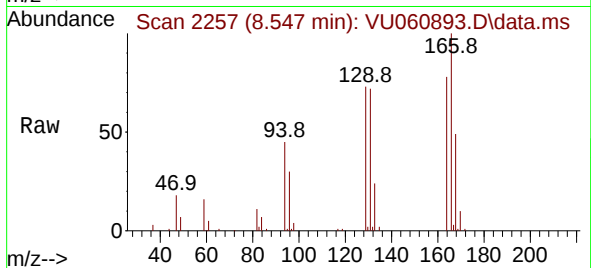
ClientSampleId :

Tgt Ion:129 Resp: 33506

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#



#61

1,2,3-Trichloropropane

Concen: 1.090 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.994 min

Lab File: VU060893.D

Acq: 19 Sep 2024 13:09

Tgt Ion: 75 Resp: 5927

Ion Ratio Lower Upper

75 100

110 0.4 28.6 43.0#

77 33.2 26.3 39.5

