

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060895.D
 Acq On : 19 Sep 2024 13:56
 Operator : MD/SY
 Sample : P3952-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 23:57:07 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)

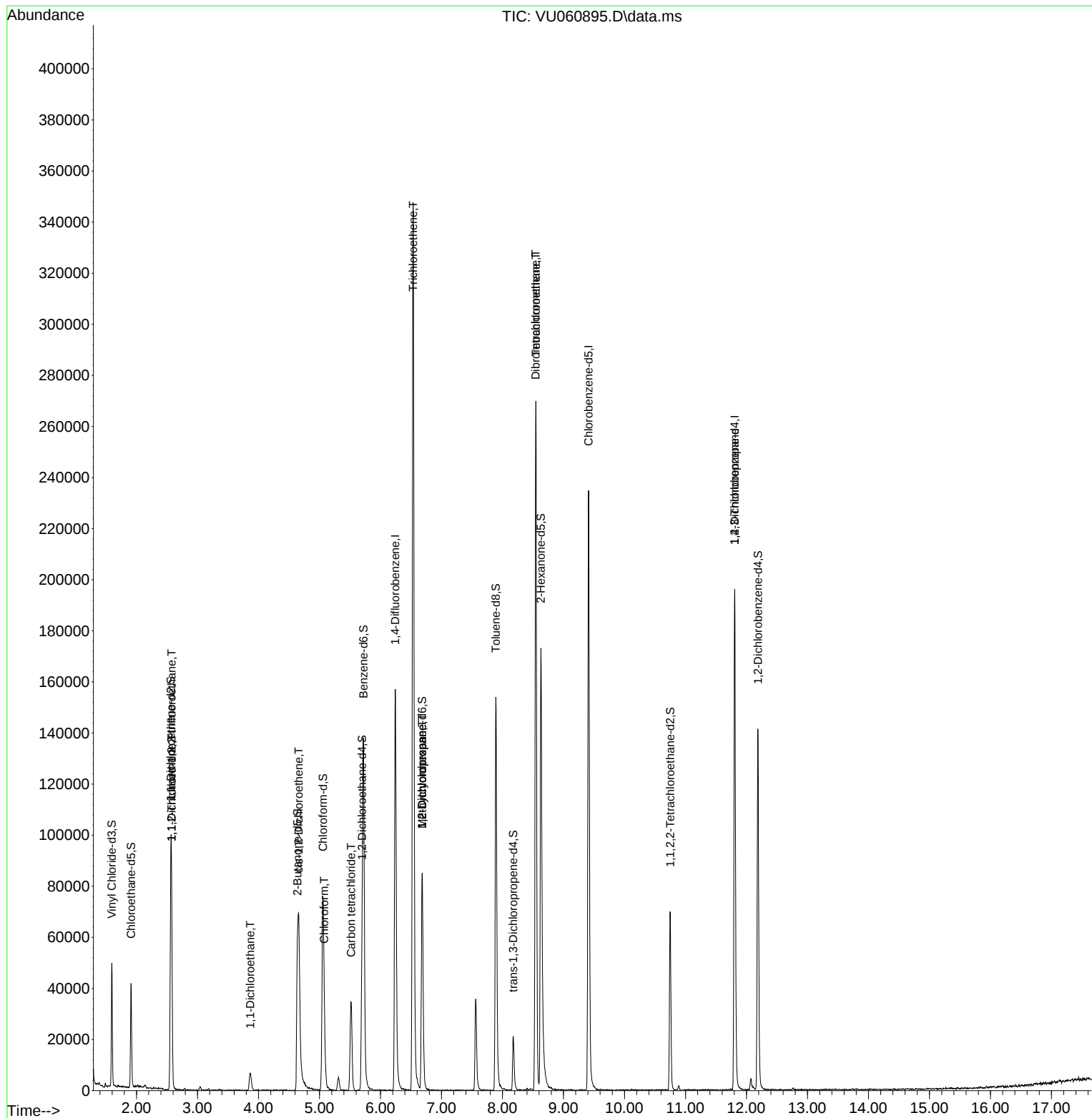
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	136383	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	143742	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60567	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	34713	2.830	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.600%
7) Chloroethane-d5	1.911	69	29521	3.380	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.600%
11) 1,1-Dichloroethene-d2	2.563	65	13690	3.149	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.000%
20) 2-Butanone-d5	4.637	46	78746	39.988	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.980%
24) Chloroform-d	5.055	84	72295	3.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
26) 1,2-Dichloroethane-d4	5.698	65	36116	4.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
32) Benzene-d6	5.721	84	136003	3.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.600%
36) 1,2-Dichloropropane-d6	6.682	67	43309	3.633	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.600%
41) Toluene-d8	7.891	98	112201	3.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.800%#
43) trans-1,3-Dichloroprop...	8.177	79	14772	3.443	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.800%
46) 2-Hexanone-d5	8.631	63	63829	37.711	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.420%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	36971	3.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	41484	4.076	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	2705	0.288	ug/L	95
12) 1,1-Dichloroethene	2.576	96	15404	1.796	ug/L #	77
19) 1,1-Dichloroethane	3.866	63	8925	0.500	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	22913	2.329	ug/L	94
25) Chloroform	5.078	83	14737	0.792	ug/L	94
31) Carbon tetrachloride	5.518	117	25667	1.868	ug/L	95
34) Trichloroethene	6.534	95	124801	12.045	ug/L	96
35) Methylcyclohexane	6.682	83	10659	0.750	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	4587	0.421	ug/L #	93
47) Tetrachloroethene	8.547	164	63974	7.770	ug/L	98
49) Dibromochloromethane	8.544	129	59982	6.701	ug/L #	9
61) 1,2,3-Trichloropropane	11.807	75	6301	1.115	ug/L #	70

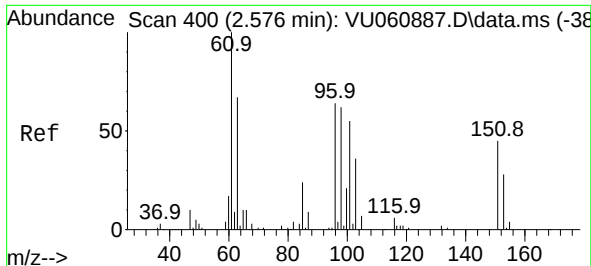
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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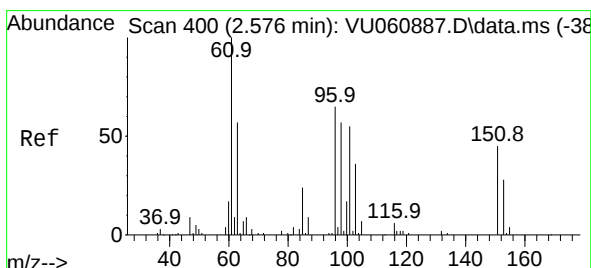
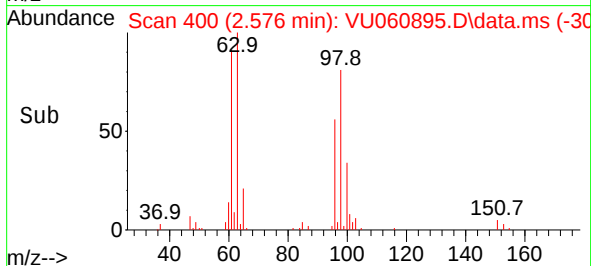
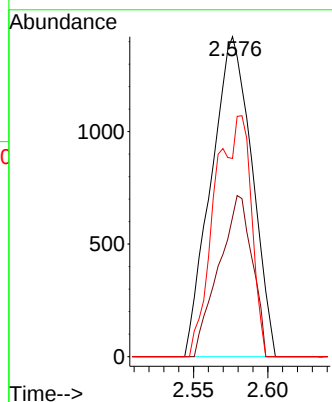
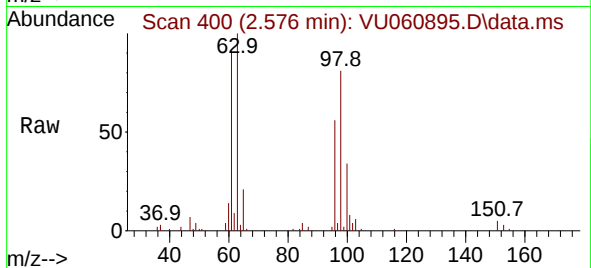




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.288 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060895.D
 Acq: 19 Sep 2024 13:56

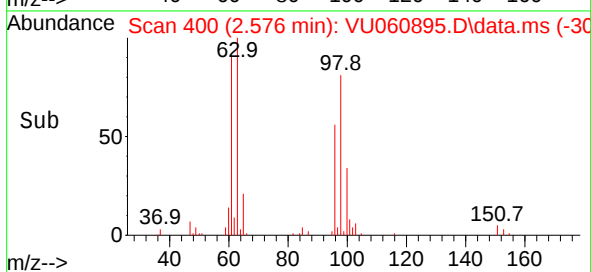
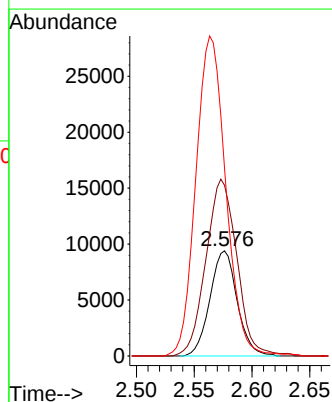
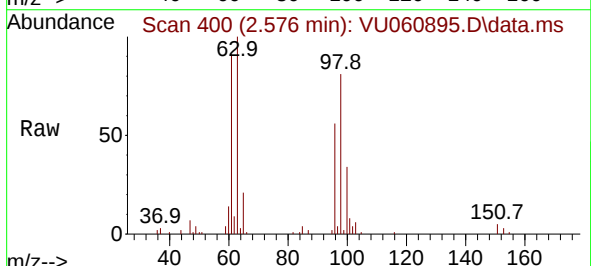
Instrument :
 MSVOA_U
 ClientSampleId :

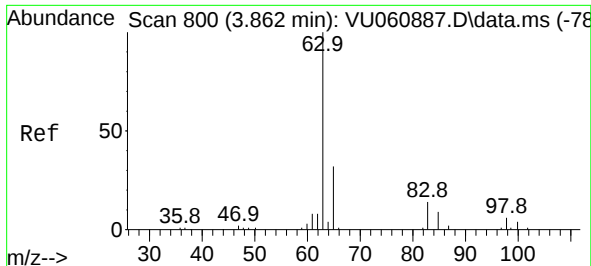
Tgt Ion:101 Resp: 2705
 Ion Ratio Lower Upper
 101 100
 85 41.4 34.2 51.4
 151 67.9 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 1.796 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060895.D
 Acq: 19 Sep 2024 13:56

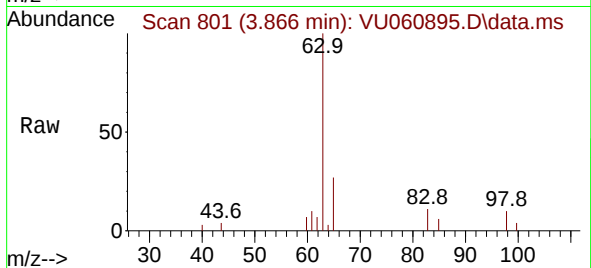
Tgt Ion: 96 Resp: 15404
 Ion Ratio Lower Upper
 96 100
 61 152.5 120.7 224.1
 63 167.9 90.0 167.2#



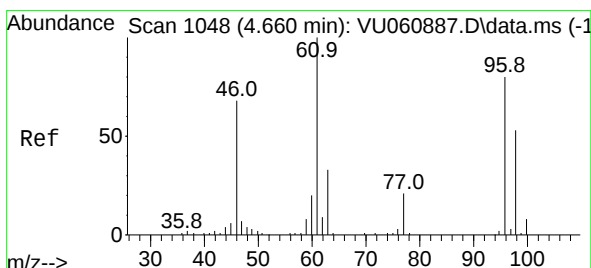
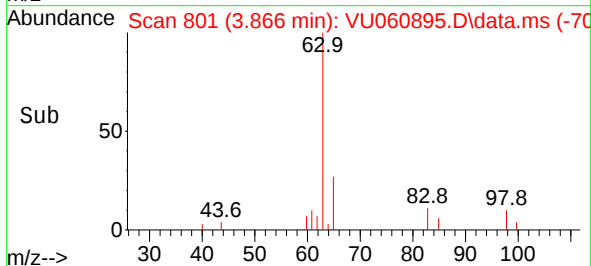
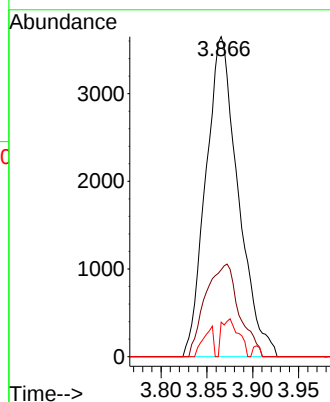


#19
1,1-Dichloroethane
Concen: 0.500 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU060895.D
Acq: 19 Sep 2024 13:56

Instrument :
MSVOA_U
ClientSampleId :

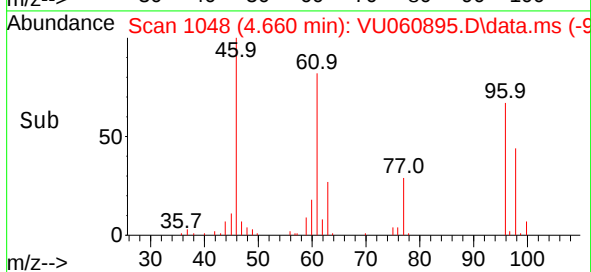
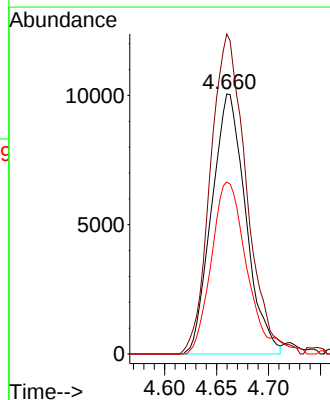
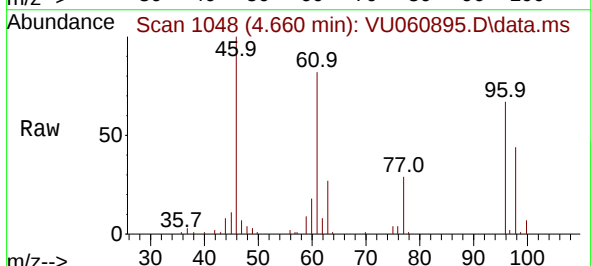


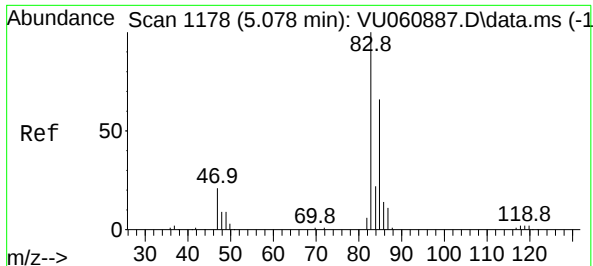
Tgt Ion: 63 Resp: 8925
Ion Ratio Lower Upper
63 100
65 27.2 23.0 42.8
83 10.8 9.0 16.6



#22
cis-1,2-Dichloroethene
Concen: 2.329 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU060895.D
Acq: 19 Sep 2024 13:56

Tgt Ion: 96 Resp: 22913
Ion Ratio Lower Upper
96 100
61 119.1 89.7 166.5
98 66.1 45.1 83.9





#25

Chloroform

Concen: 0.792 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU060895.D

Acq: 19 Sep 2024 13:56

Instrument :

MSVOA_U

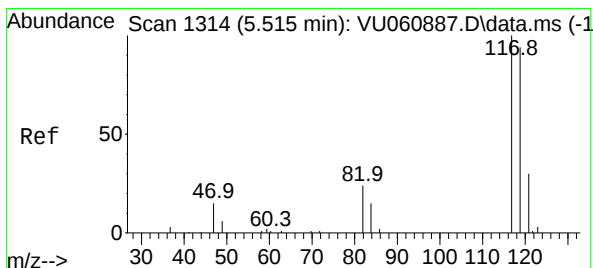
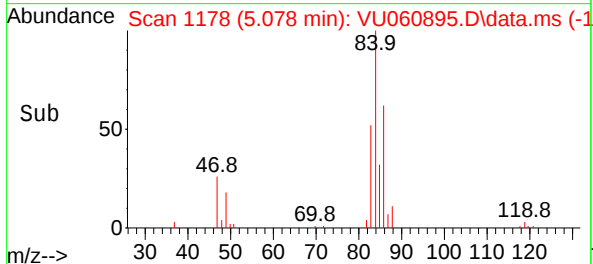
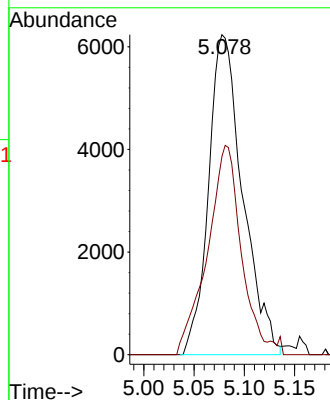
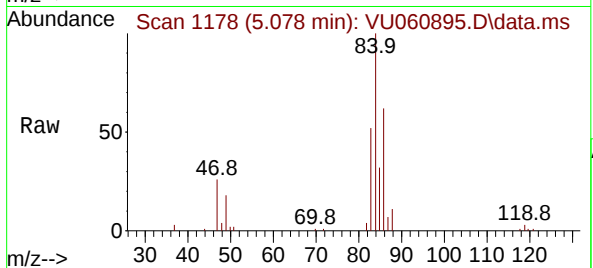
ClientSampleId :

Tgt Ion: 83 Resp: 14737

Ion Ratio Lower Upper

83 100

85 62.0 46.8 86.8



#31

Carbon tetrachloride

Concen: 1.868 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. 0.003 min

Lab File: VU060895.D

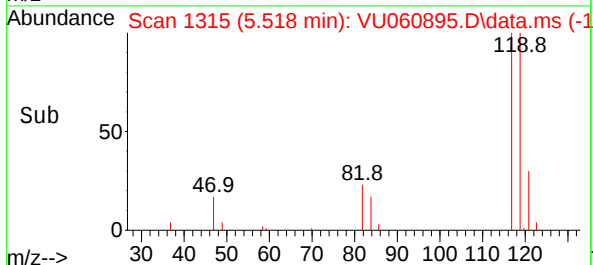
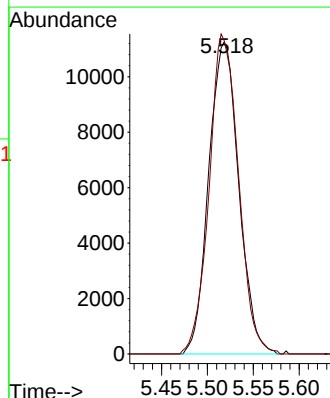
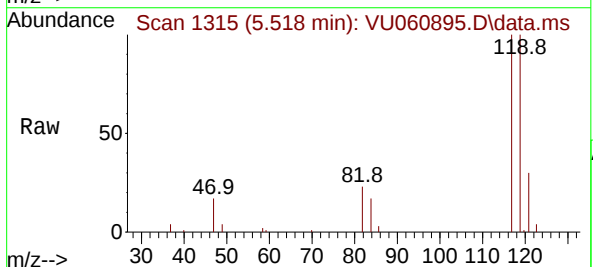
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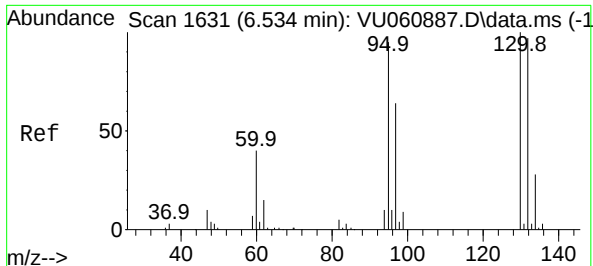
Tgt Ion: 117 Resp: 25667

Ion Ratio Lower Upper

117 100

119 99.9 76.3 114.5





#34

Trichloroethene

Concen: 12.045 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060895.D

Acq: 19 Sep 2024 13:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 124801

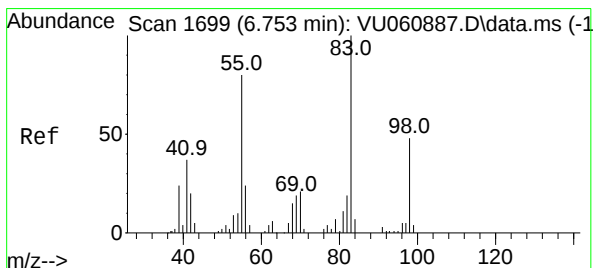
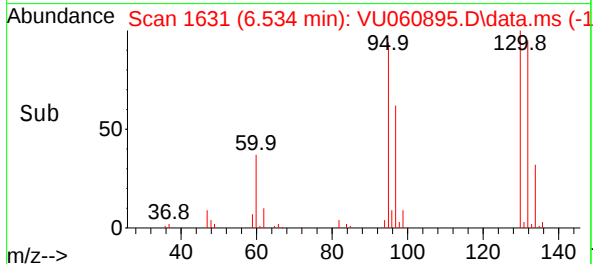
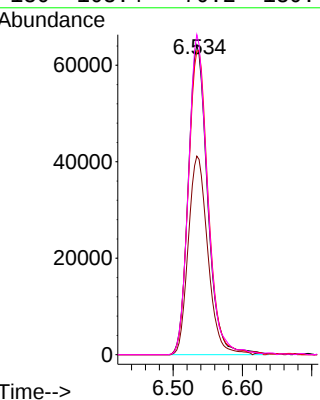
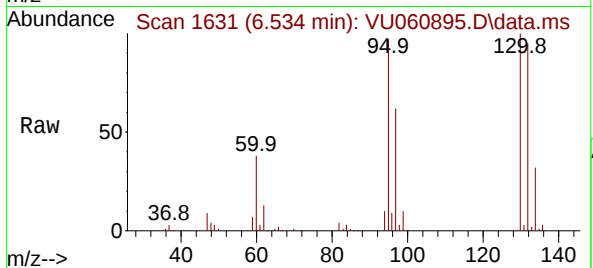
Ion Ratio Lower Upper

95 100

97 64.2 44.9 83.5

132 98.1 63.5 117.9

130 103.4 70.2 130.4



#35

Methylcyclohexane

Concen: 0.750 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU060895.D

Acq: 19 Sep 2024 13:56

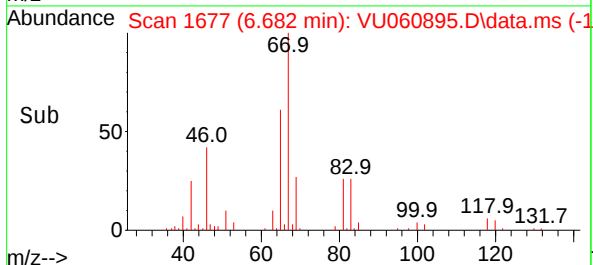
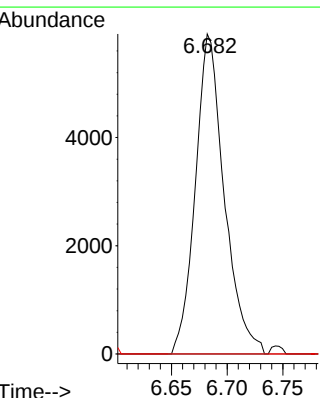
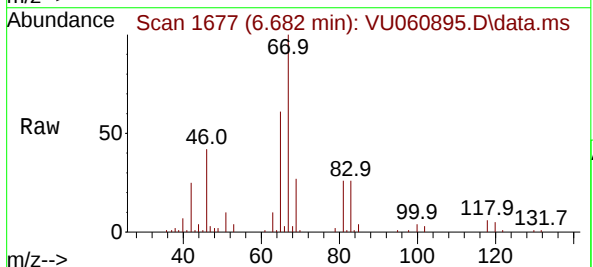
Tgt Ion: 83 Resp: 10659

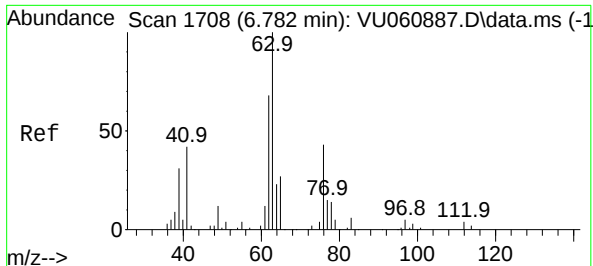
Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 0.0 37.6 56.4#

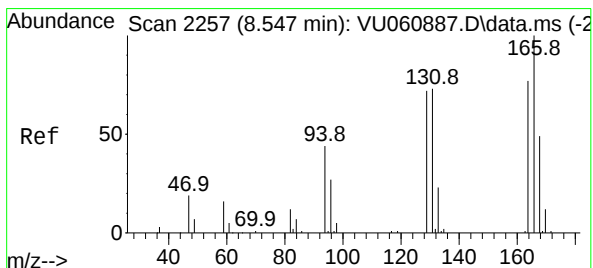
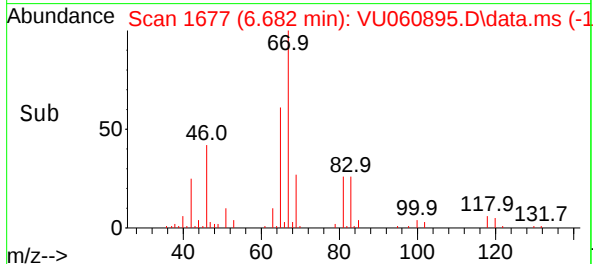
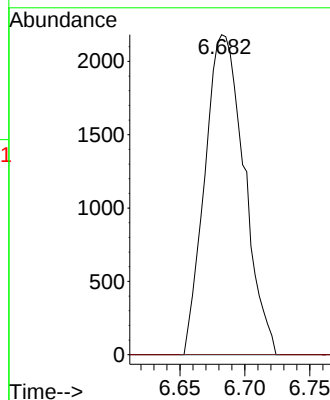
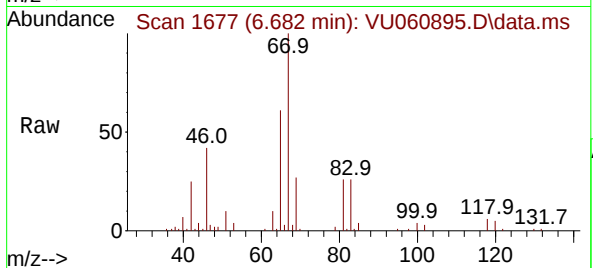




#37
1,2-Dichloropropane
Concen: 0.421 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060895.D
Acq: 19 Sep 2024 13:56

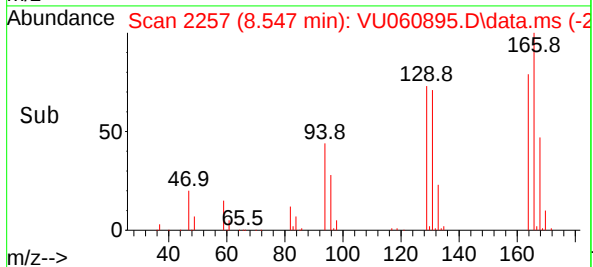
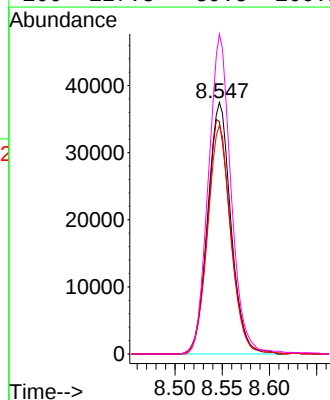
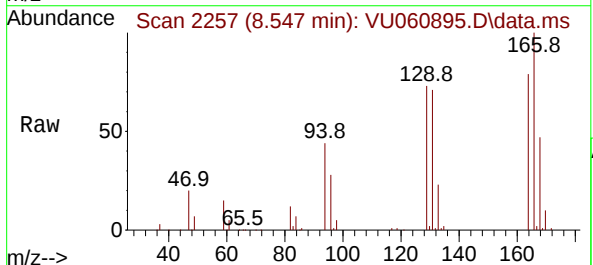
Instrument :
MSVOA_U
ClientSampleId :

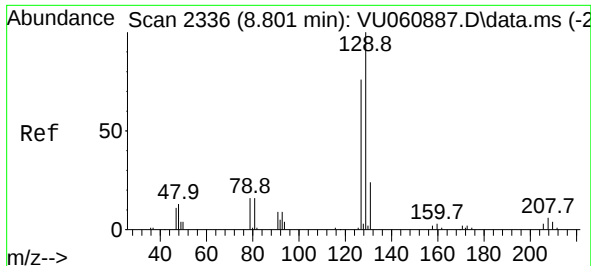
Tgt Ion: 63 Resp: 4587
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#47
Tetrachloroethene
Concen: 7.770 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060895.D
Acq: 19 Sep 2024 13:56

Tgt Ion:164 Resp: 63974
Ion Ratio Lower Upper
164 100
129 92.4 67.3 124.9
131 90.8 65.4 121.4
166 127.3 89.5 166.1





#49

Dibromochloromethane

Concen: 6.701 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU060895.D

Acq: 19 Sep 2024 13:56

Instrument :

MSVOA_U

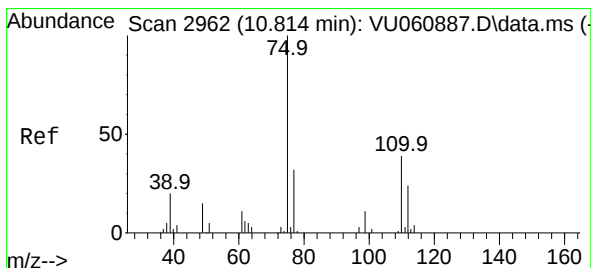
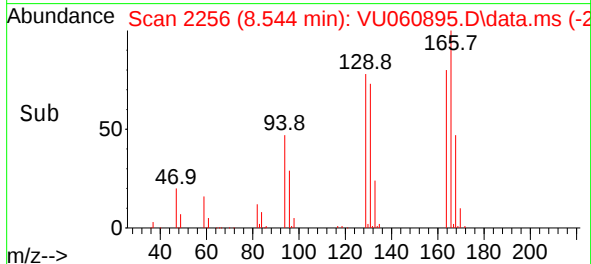
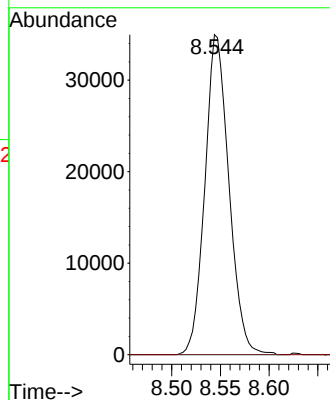
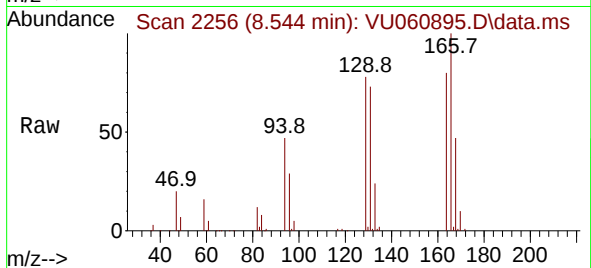
ClientSampleId :

Tgt Ion:129 Resp: 59982

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#



#61

1,2,3-Trichloropropane

Concen: 1.115 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.994 min

Lab File: VU060895.D

Acq: 19 Sep 2024 13:56

Tgt Ion: 75 Resp: 6301

Ion Ratio Lower Upper

75 100

110 2.5 28.6 43.0#

77 32.8 26.3 39.5

