

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060897.D
 Acq On : 19 Sep 2024 14:44
 Operator : MD/SY
 Sample : P3952-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 23:57:39 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)

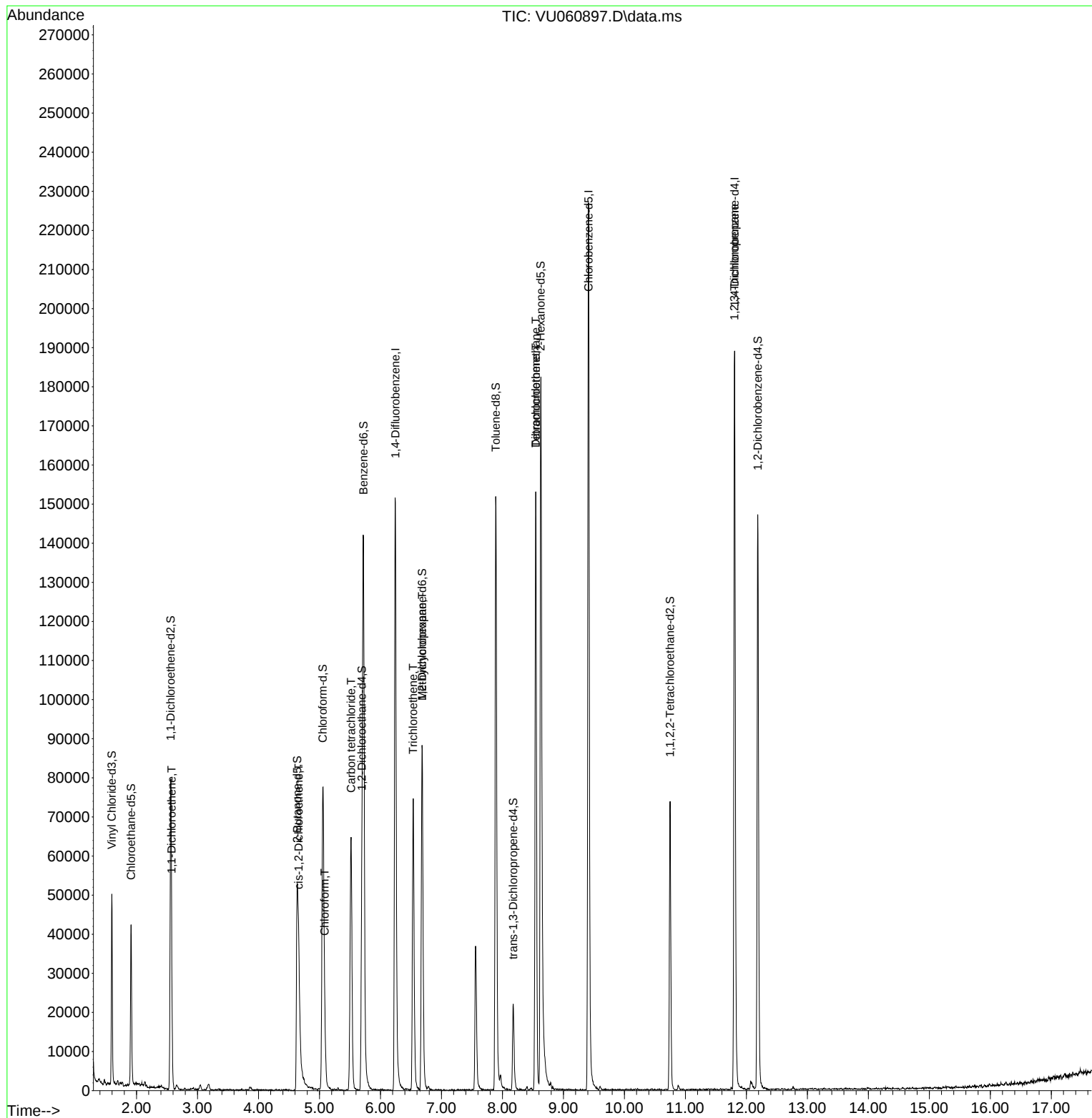
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	131276	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	144839	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	57897	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34885	2.955	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.000%
7) Chloroethane-d5	1.911	69	31028	3.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.560	65	14327	3.423	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.400%
20) 2-Butanone-d5	4.634	46	81198	42.837	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.680%
24) Chloroform-d	5.055	84	73861	4.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.695	65	38926	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.721	84	138815	3.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.600%
36) 1,2-Dichloropropane-d6	6.682	67	45290	3.771	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.400%
41) Toluene-d8	7.891	98	113338	3.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.000%#
43) trans-1,3-Dichloroprop...	8.177	79	15045	3.480	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.600%
46) 2-Hexanone-d5	8.627	63	66930	39.244	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.480%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	37095	3.942	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	42843	4.404	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	4778	0.579	ug/L #	1
22) cis-1,2-Dichloroethene	4.660	96	6473	0.684	ug/L	93
25) Chloroform	5.084	83	15026	0.839	ug/L	93
31) Carbon tetrachloride	5.518	117	47202	3.409	ug/L	97
34) Trichloroethene	6.537	95	27220	2.607	ug/L	94
35) Methylcyclohexane	6.682	83	10957	0.765	ug/L #	18
47) Tetrachloroethene	8.547	164	37269	4.492	ug/L	93
49) Dibromochloromethane	8.547	129	34143	3.786	ug/L #	9
61) 1,2,3-Trichloropropane	11.804	75	5625	1.042	ug/L #	67

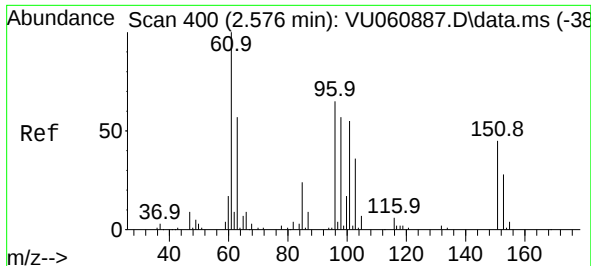
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
Data File : VU060897.D
Acq On : 19 Sep 2024 14:44
Operator : MD/SY
Sample : P3952-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 19 23:57:39 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

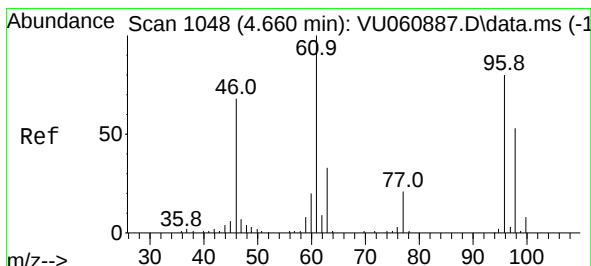
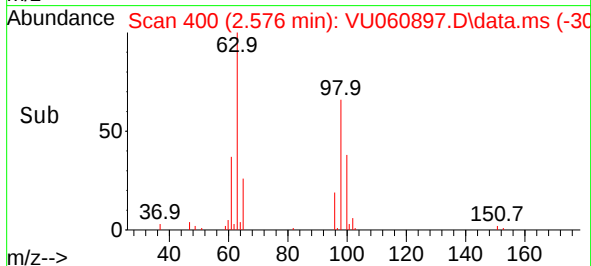
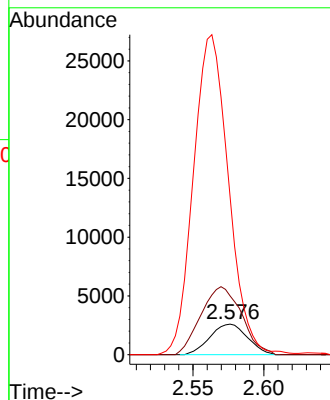
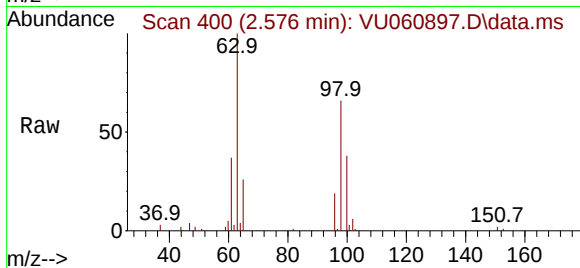




#12
1,1-Dichloroethene
Concen: 0.579 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060897.D
Acq: 19 Sep 2024 14:44

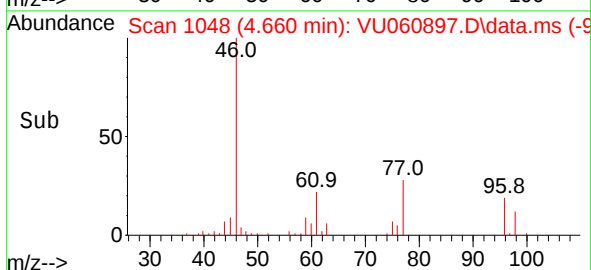
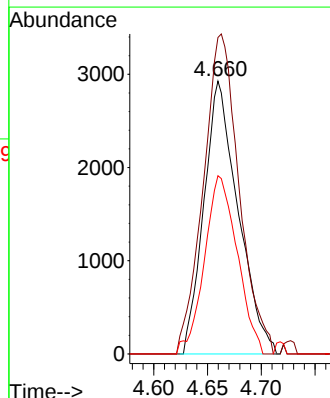
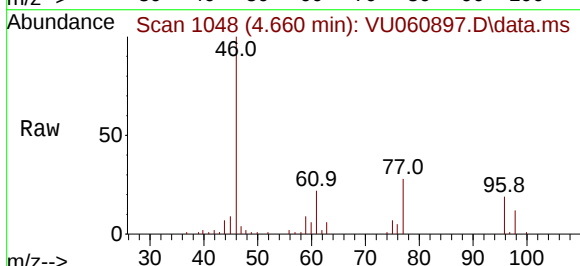
Instrument :
MSVOA_U
ClientSampleId :

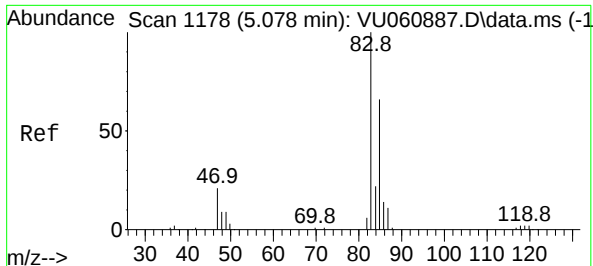
Tgt Ion: 96 Resp: 4778
Ion Ratio Lower Upper
96 100
61 178.1 120.7 224.1
63 478.4 90.0 167.2#



#22
cis-1,2-Dichloroethene
Concen: 0.684 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU060897.D
Acq: 19 Sep 2024 14:44

Tgt Ion: 96 Resp: 6473
Ion Ratio Lower Upper
96 100
61 116.0 89.7 166.5
98 65.3 45.1 83.9

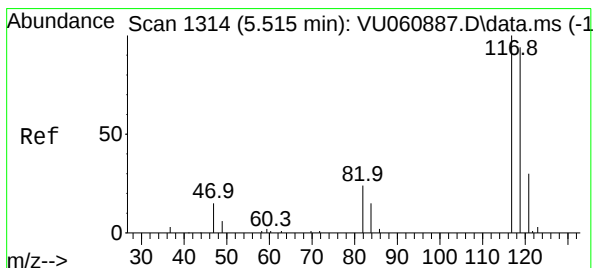
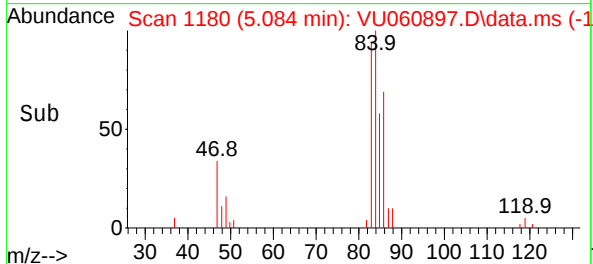
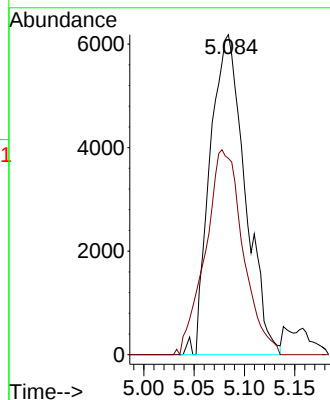
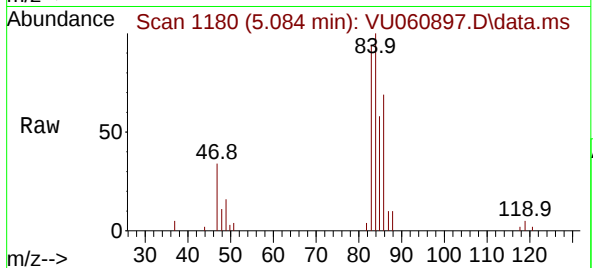




#25
Chloroform
Concen: 0.839 ug/L
RT: 5.084 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VU060897.D
Acq: 19 Sep 2024 14:44

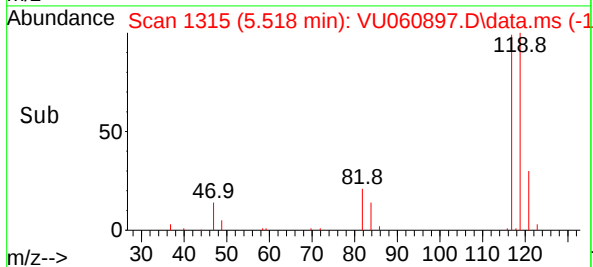
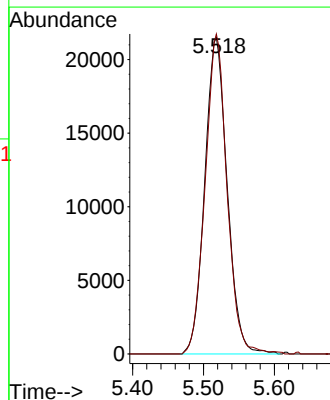
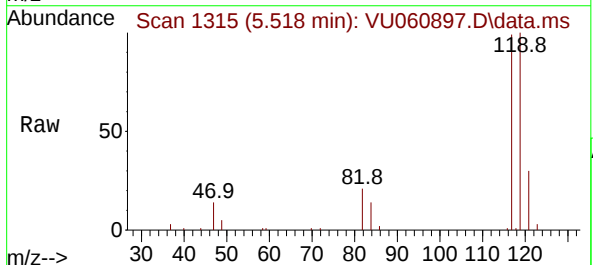
Instrument :
MSVOA_U
ClientSampleId :

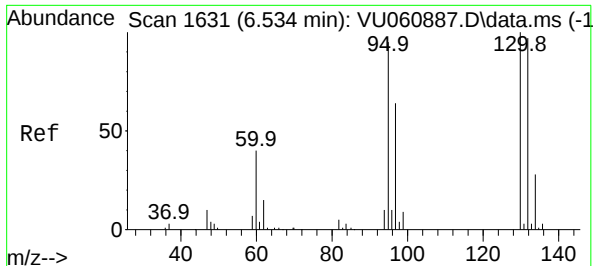
Tgt Ion: 83 Resp: 15026
Ion Ratio Lower Upper
83 100
85 61.4 46.8 86.8



#31
Carbon tetrachloride
Concen: 3.409 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU060897.D
Acq: 19 Sep 2024 14:44

Tgt Ion:117 Resp: 47202
Ion Ratio Lower Upper
117 100
119 98.5 76.3 114.5





#34

Trichloroethene

Concen: 2.607 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

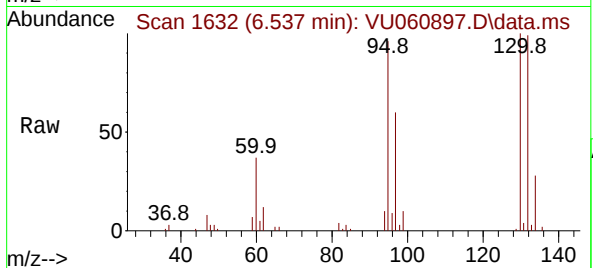
Lab File: VU060897.D

Acq: 19 Sep 2024 14:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 27220

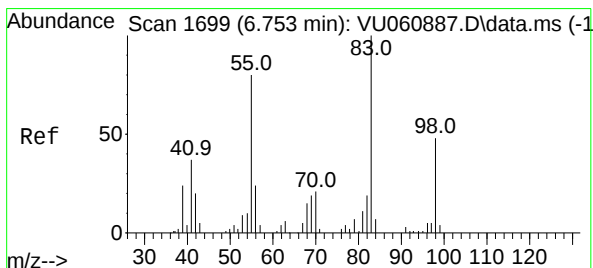
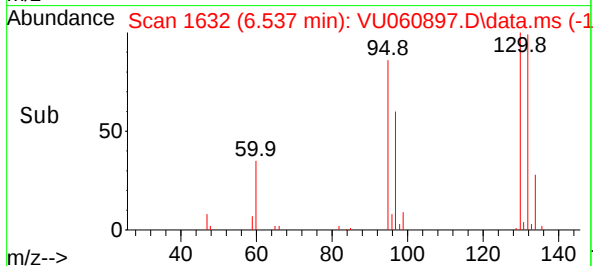
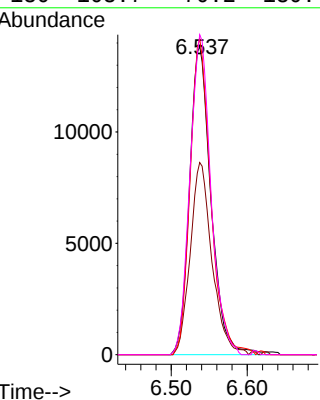
Ion Ratio Lower Upper

95 100

97 62.3 44.9 83.5

132 102.5 63.5 117.9

130 103.7 70.2 130.4



#35

Methylcyclohexane

Concen: 0.765 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU060897.D

Acq: 19 Sep 2024 14:44

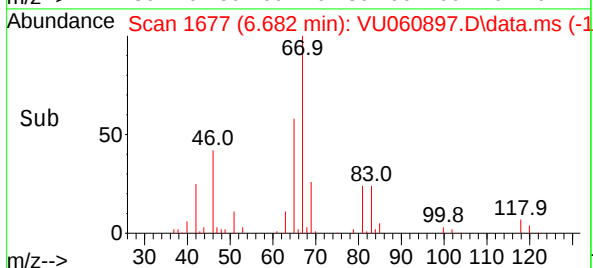
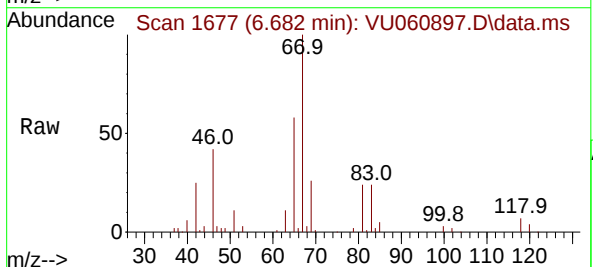
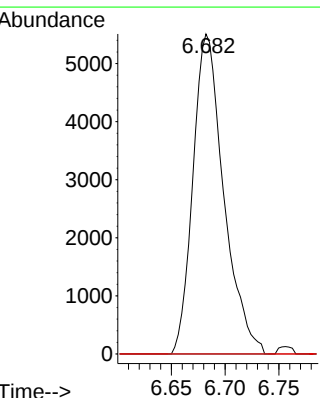
Tgt Ion: 83 Resp: 10957

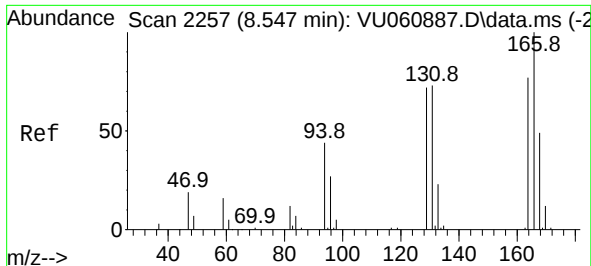
Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 0.8 37.6 56.4#





#47

Tetrachloroethene

Concen: 4.492 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU060897.D

Acq: 19 Sep 2024 14:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 37269

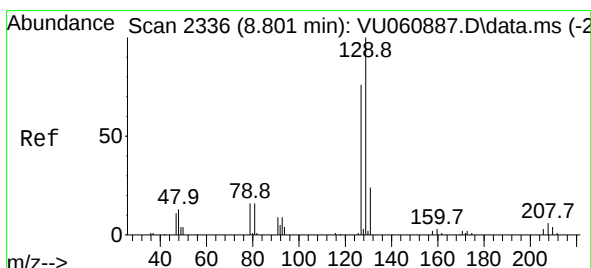
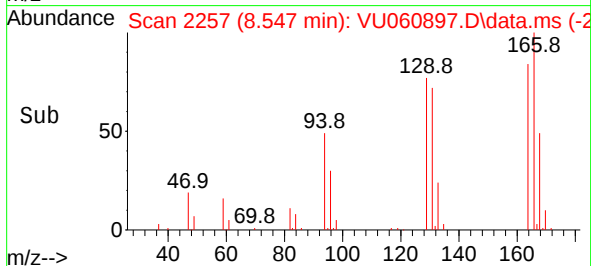
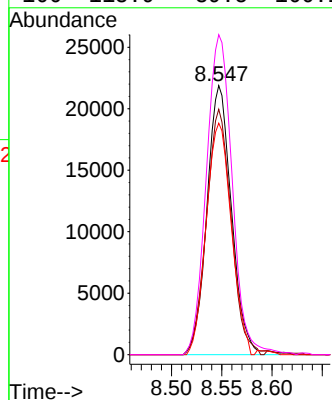
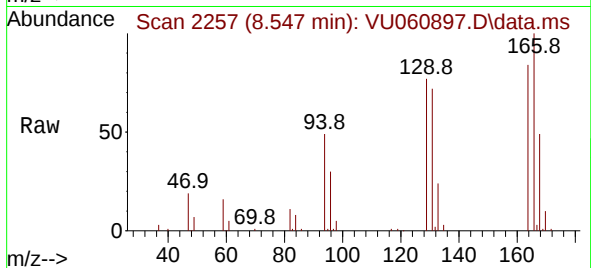
Ion Ratio Lower Upper

164 100

129 91.2 67.3 124.9

131 86.0 65.4 121.4

166 118.9 89.5 166.1



#49

Dibromochloromethane

Concen: 3.786 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU060897.D

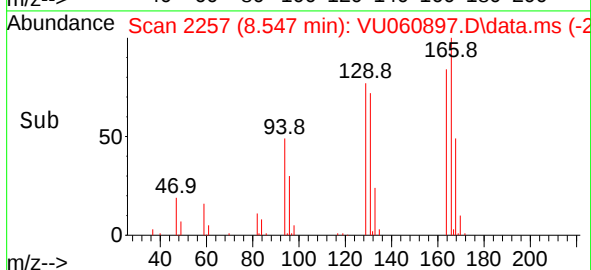
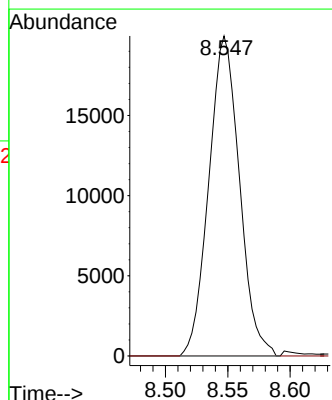
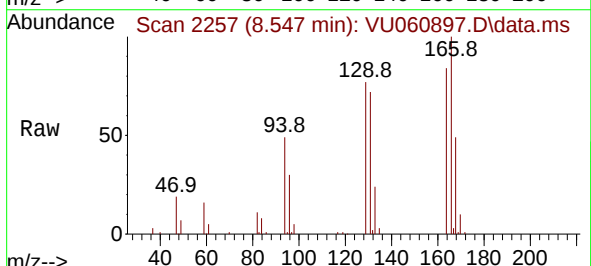
Acq: 19 Sep 2024 14:44

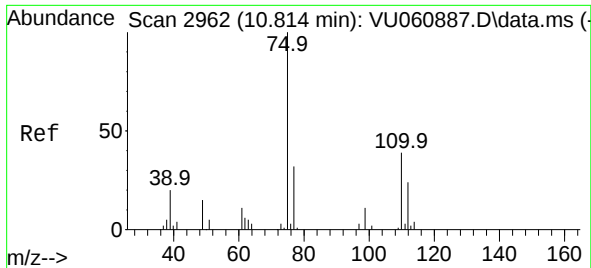
Tgt Ion:129 Resp: 34143

Ion Ratio Lower Upper

129 100

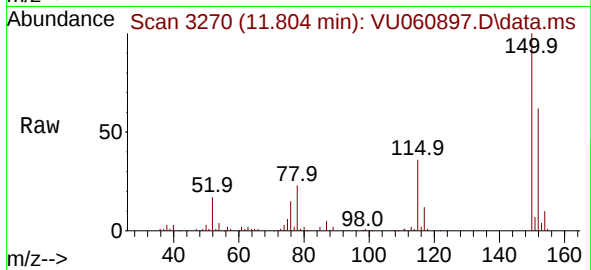
127 0.0 56.1 104.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.042 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU060897.D
 Acq: 19 Sep 2024 14:44

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	5625
Ion	Ratio	Lower	Upper
75	100		
110	1.1	28.6	43.0#
77	35.3	26.3	39.5

