

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
 Data File : VU060881.D
 Acq On : 18 Sep 2024 19:38
 Operator : MD/SY
 Sample : P3952-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 05:17:20 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

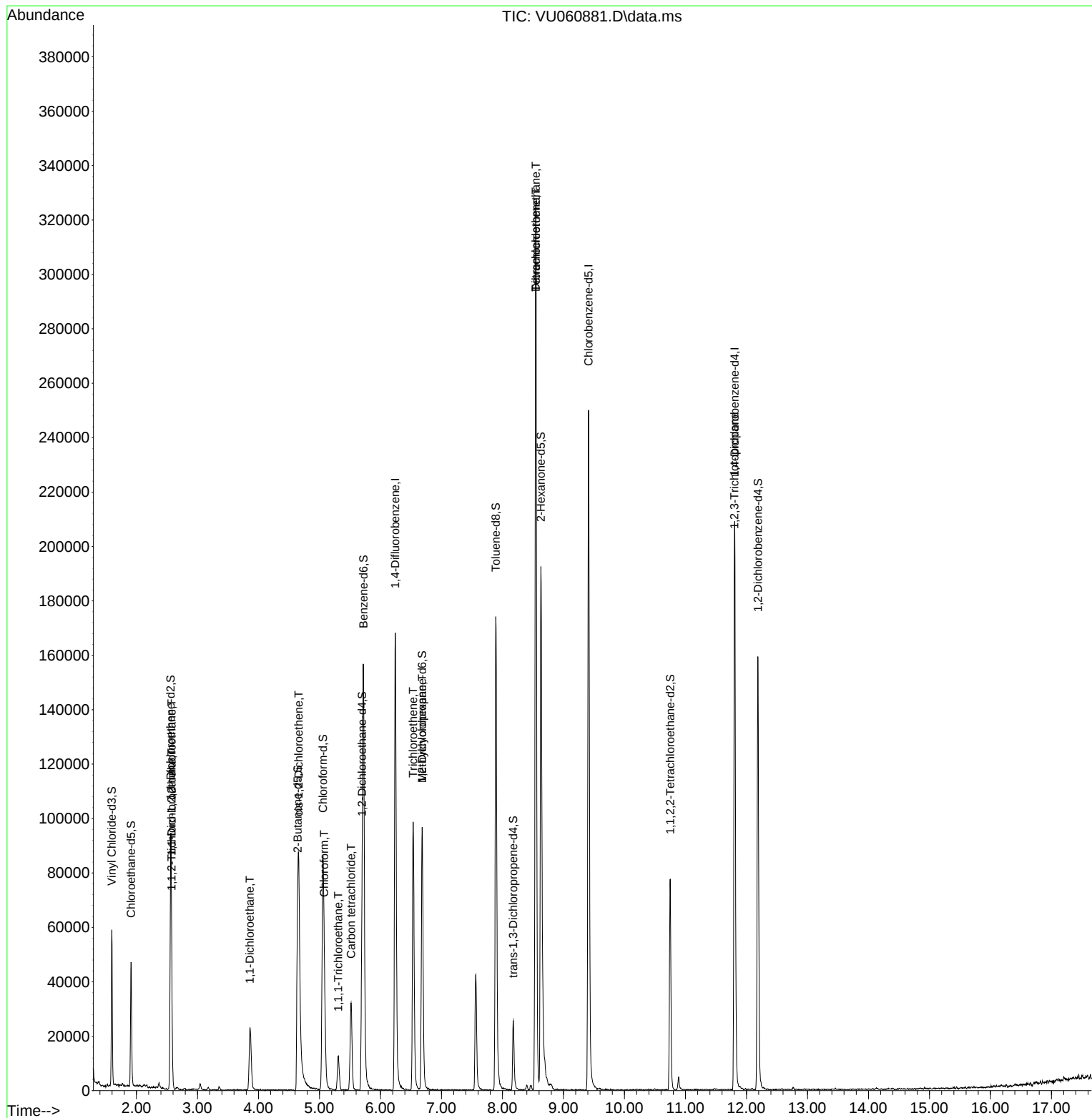
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149936	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	161447	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	65584	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40328	2.990	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.800%
7) Chloroethane-d5	1.911	69	33811	3.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.400%
11) 1,1-Dichloroethene-d2	2.561	65	15771	3.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.000%
20) 2-Butanone-d5	4.641	46	90876	41.976	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.960%
24) Chloroform-d	5.056	84	80284	3.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
26) 1,2-Dichloroethane-d4	5.699	65	38324	3.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
32) Benzene-d6	5.721	84	158711	3.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
36) 1,2-Dichloropropane-d6	6.683	67	50683	3.786	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.800%
41) Toluene-d8	7.891	98	130681	3.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.200%#
43) trans-1,3-Dichloroprop...	8.174	79	17174	3.564	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.631	63	76434	40.206	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.420%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	42291	4.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	48948	4.442	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.577	101	7082	0.686	ug/L	96
12) 1,1-Dichloroethene	2.573	96	2223	0.236	ug/L #	1
19) 1,1-Dichloroethane	3.859	63	27907	1.422	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	31158	2.881	ug/L	91
25) Chloroform	5.078	83	29621	1.448	ug/L	97
29) 1,1,1-Trichloroethane	5.310	97	9218	0.529	ug/L	97
31) Carbon tetrachloride	5.519	117	23706	1.536	ug/L	97
34) Trichloroethene	6.535	95	35730	3.070	ug/L	95
35) Methylcyclohexane	6.683	83	12021	0.753	ug/L #	19
47) Tetrachloroethene	8.547	164	78838	8.525	ug/L	96
49) Dibromochloromethane	8.547	129	74090	7.370	ug/L #	10
61) 1,2,3-Trichloropropane	11.801	75	7376	1.206	ug/L #	70

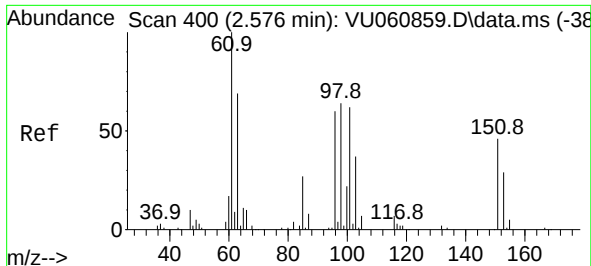
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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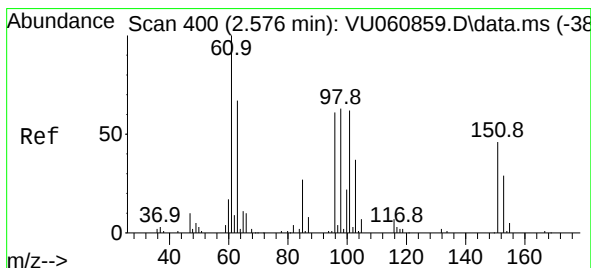
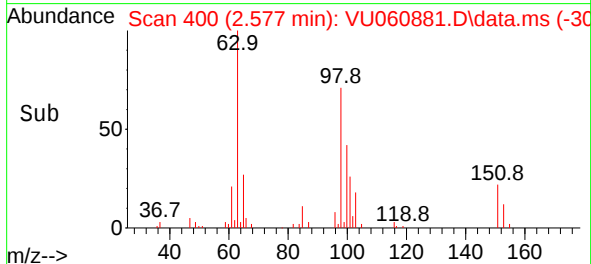
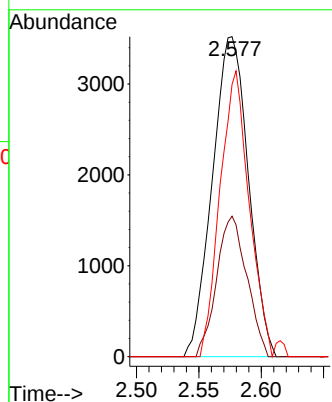
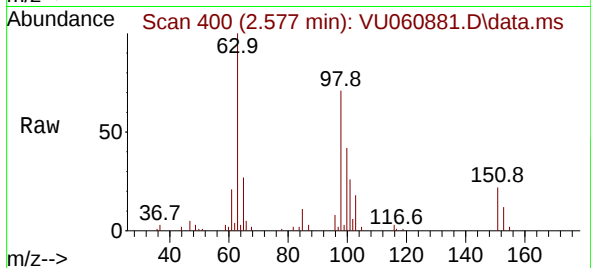




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.686 ug/L
RT: 2.577 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060881.D
Acq: 18 Sep 2024 19:38

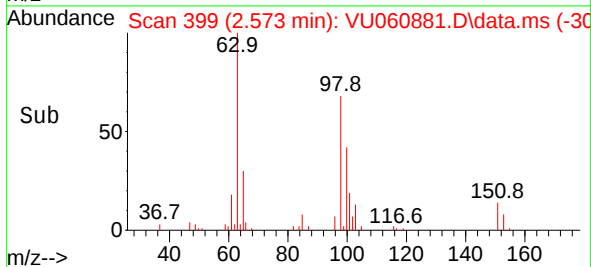
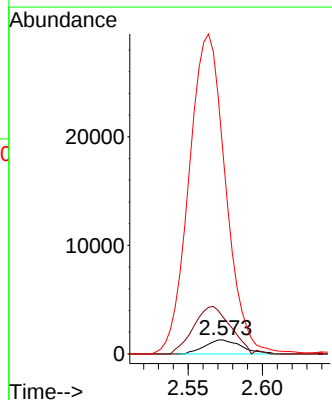
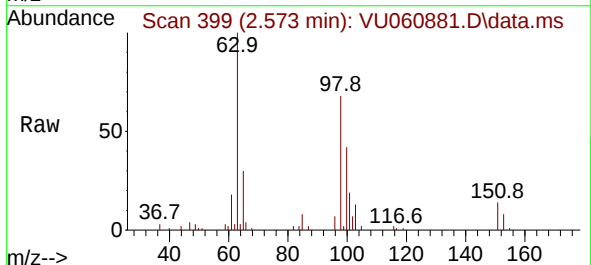
Instrument :
MSVOA_U
ClientSampleId :

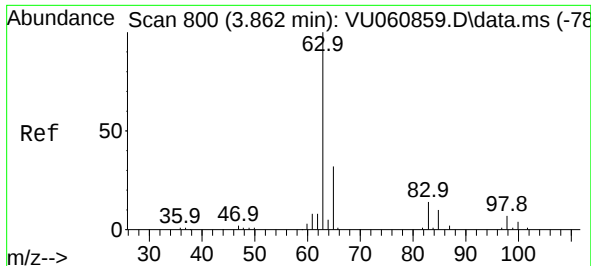
Tgt Ion:101 Resp: 7082
Ion Ratio Lower Upper
101 100
85 36.8 34.2 51.4
151 72.2 58.6 88.0



#12
1,1-Dichloroethene
Concen: 0.236 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060881.D
Acq: 18 Sep 2024 19:38

Tgt Ion: 96 Resp: 2223
Ion Ratio Lower Upper
96 100
61 262.8 120.7 224.1#
63 1435.7 90.0 167.2#





#19

1,1-Dichloroethane

Concen: 1.422 ug/L

RT: 3.859 min Scan# 70

Delta R.T. -0.003 min

Lab File: VU060881.D

Acq: 18 Sep 2024 19:38

Instrument :

MSVOA_U

ClientSampleId :

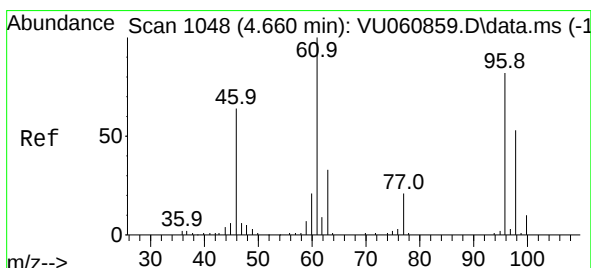
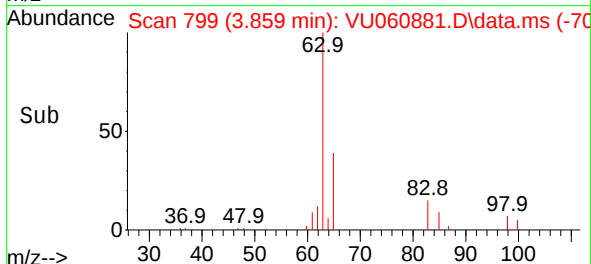
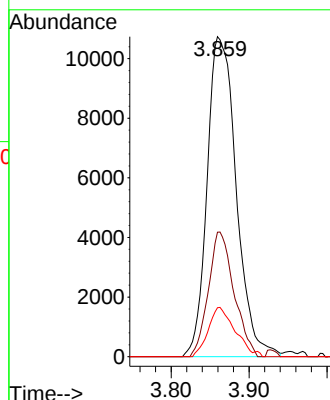
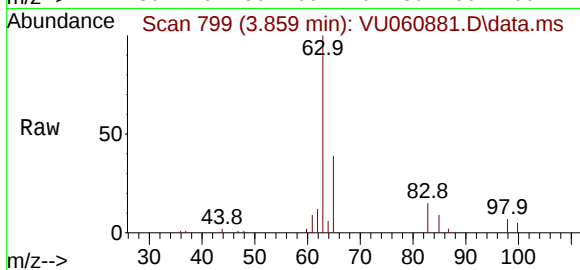
Tgt Ion: 63 Resp: 27907

Ion Ratio Lower Upper

63 100

65 38.9 23.0 42.8

83 15.3 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 2.881 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU060881.D

Acq: 18 Sep 2024 19:38

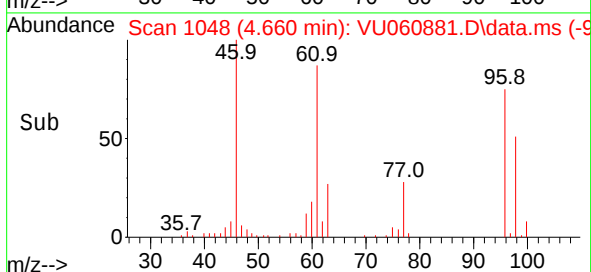
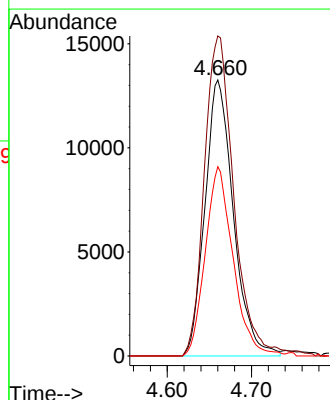
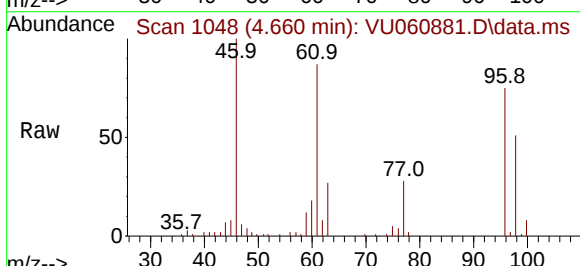
Tgt Ion: 96 Resp: 31158

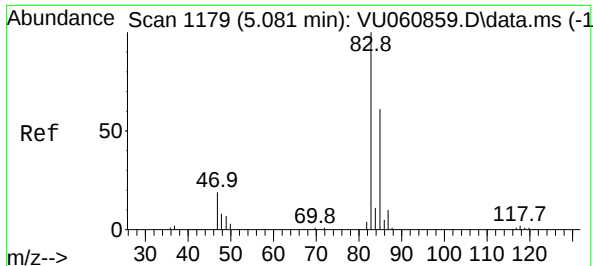
Ion Ratio Lower Upper

96 100

61 116.0 89.7 166.5

98 68.6 45.1 83.9





#25

Chloroform

Concen: 1.448 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU060881.D

Acq: 18 Sep 2024 19:38

Instrument :

MSVOA_U

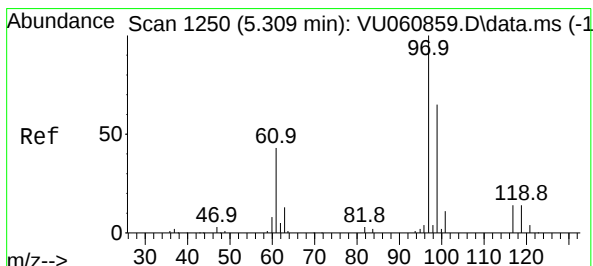
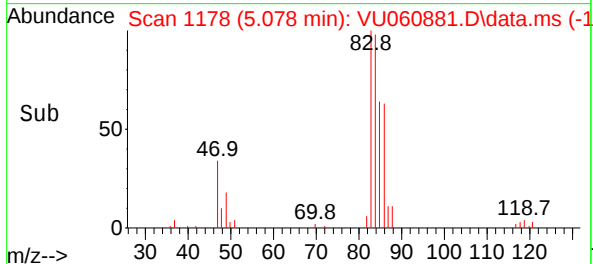
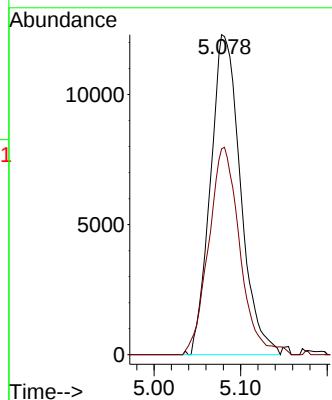
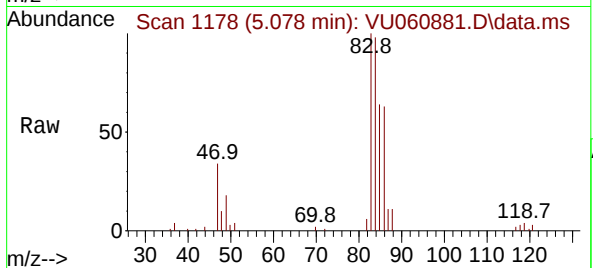
ClientSampleId :

Tgt Ion: 83 Resp: 29621

Ion Ratio Lower Upper

83 100

85 64.4 46.8 86.8



#29

1,1,1-Trichloroethane

Concen: 0.529 ug/L

RT: 5.310 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU060881.D

Acq: 18 Sep 2024 19:38

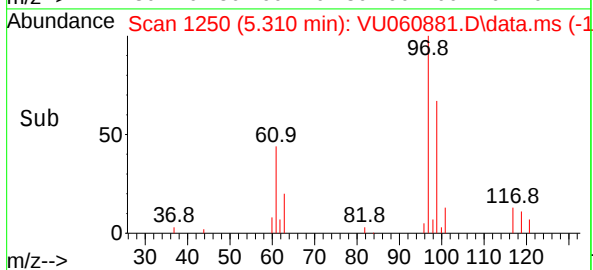
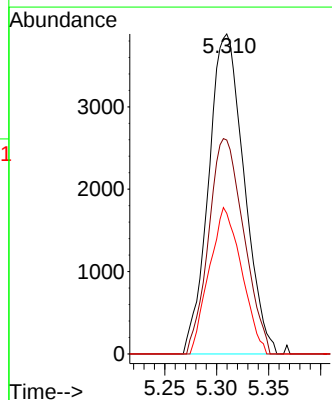
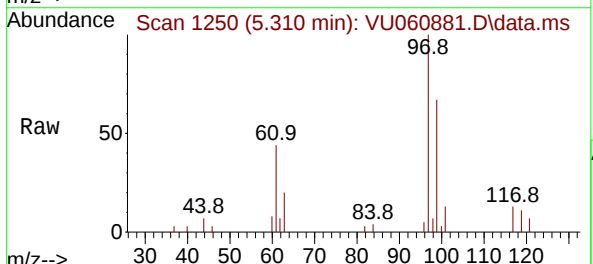
Tgt Ion: 97 Resp: 9218

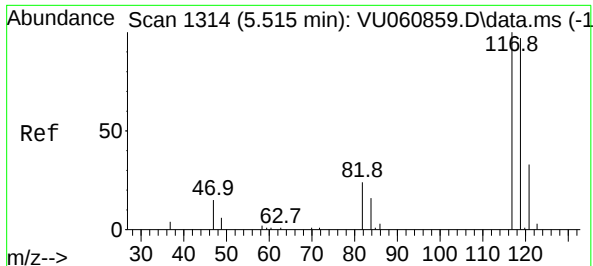
Ion Ratio Lower Upper

97 100

99 66.6 50.5 75.7

61 41.8 34.4 51.6

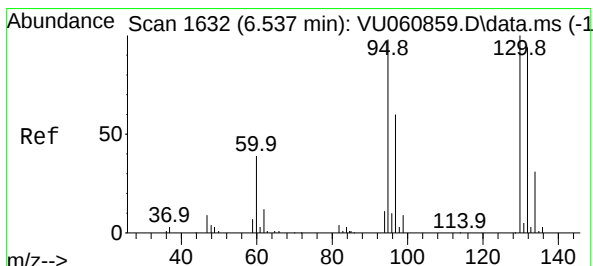
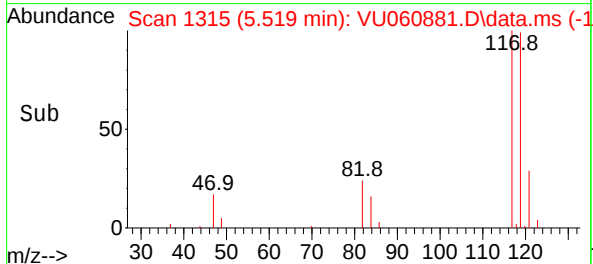
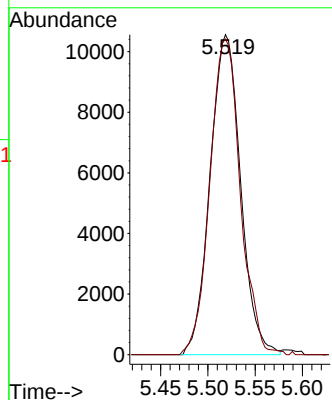
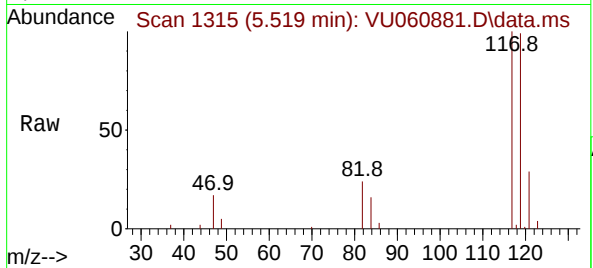




#31
Carbon tetrachloride
Concen: 1.536 ug/L
RT: 5.519 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU060881.D
Acq: 18 Sep 2024 19:38

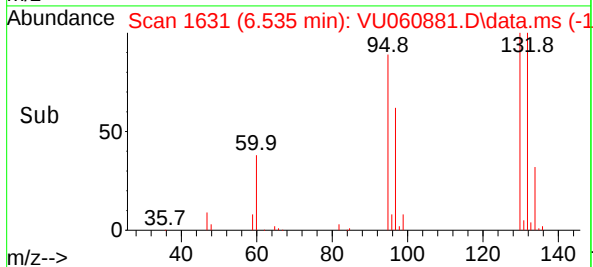
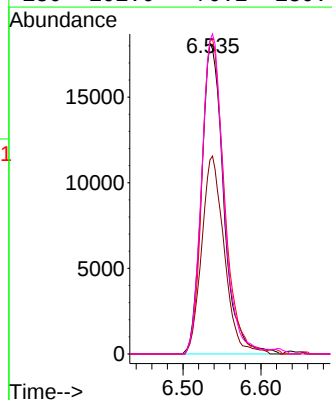
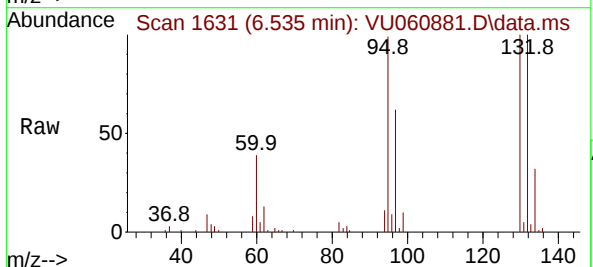
Instrument :
MSVOA_U
ClientSampleId :

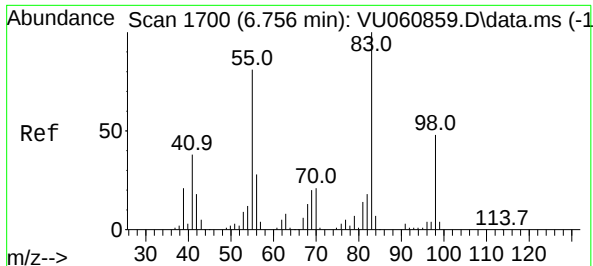
Tgt Ion:117 Resp: 23706
Ion Ratio Lower Upper
117 100
119 98.4 76.3 114.5



#34
Trichloroethene
Concen: 3.070 ug/L
RT: 6.535 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU060881.D
Acq: 18 Sep 2024 19:38

Tgt Ion: 95 Resp: 35730
Ion Ratio Lower Upper
95 100
97 62.5 44.9 83.5
132 100.7 63.5 117.9
130 101.0 70.2 130.4

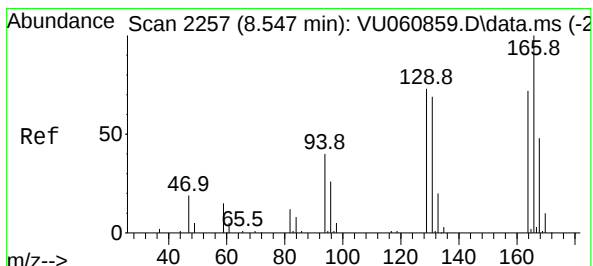
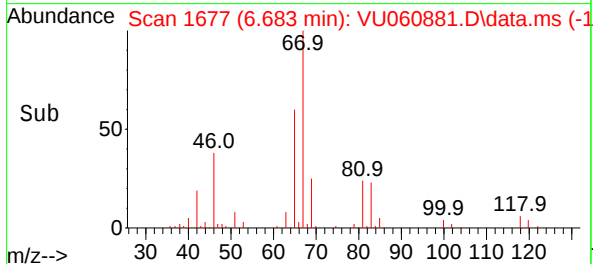
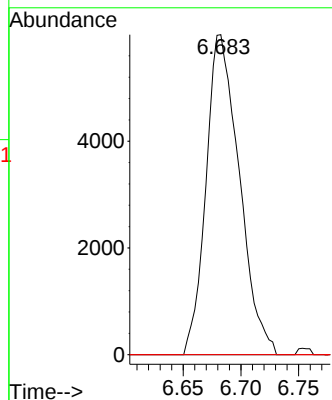
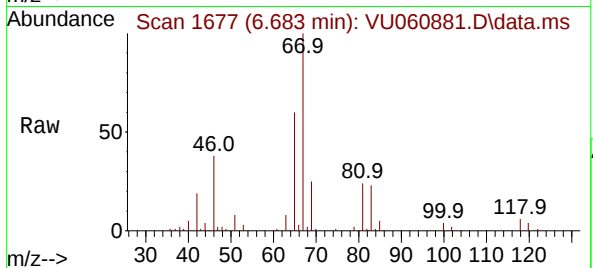




#35
Methylcyclohexane
Concen: 0.753 ug/L
RT: 6.683 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU060881.D
Acq: 18 Sep 2024 19:38

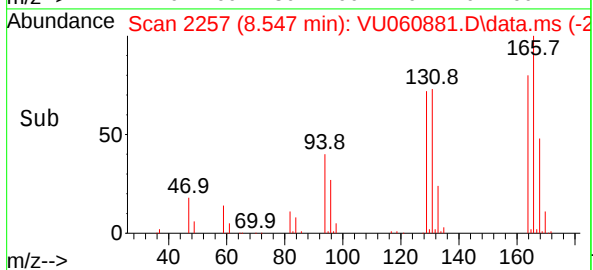
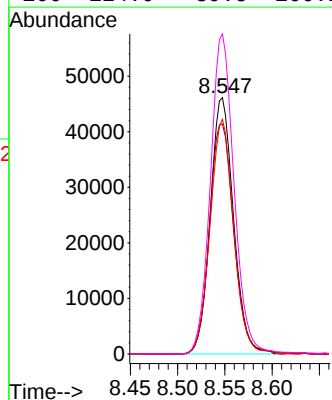
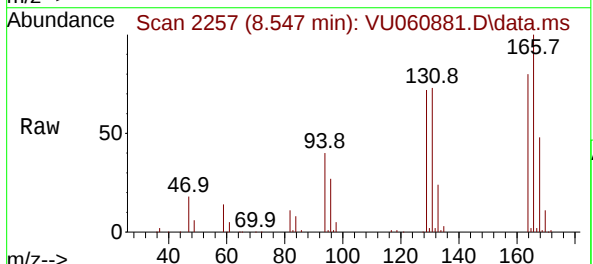
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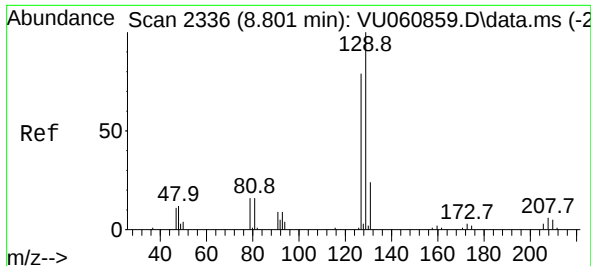
Tgt Ion: 83 Resp: 12021
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 3.4 37.6 56.4#



#47
Tetrachloroethene
Concen: 8.525 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060881.D
Acq: 18 Sep 2024 19:38

Tgt Ion:164 Resp: 78838
Ion Ratio Lower Upper
164 100
129 89.7 67.3 124.9
131 91.6 65.4 121.4
166 124.9 89.5 166.1





#49

Dibromochloromethane

Concen: 7.370 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min MSVOA_U

Lab File: VU060881.D

Acq: 18 Sep 2024 19:38

Instrument :

MSVOA_U

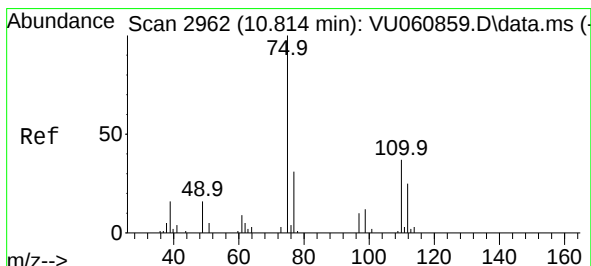
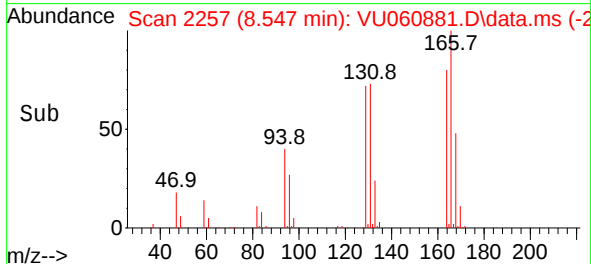
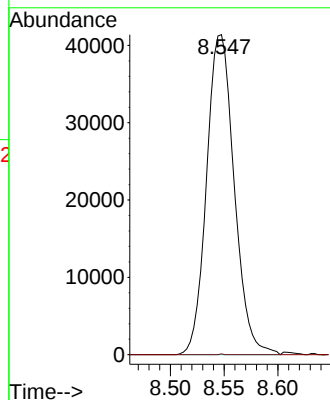
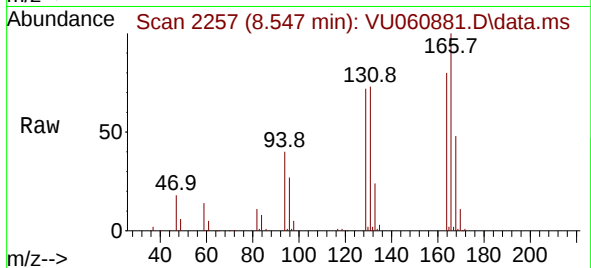
ClientSampleId :

Tgt Ion:129 Resp: 74090

Ion Ratio Lower Upper

129 100

127 0.2 56.1 104.1#



#61

1,2,3-Trichloropropane

Concen: 1.206 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.988 min

Lab File: VU060881.D

Acq: 18 Sep 2024 19:38

Tgt Ion: 75 Resp: 7376

Ion Ratio Lower Upper

75 100

110 2.5 28.6 43.0#

77 31.9 26.3 39.5

