

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 :
 C0B52

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)

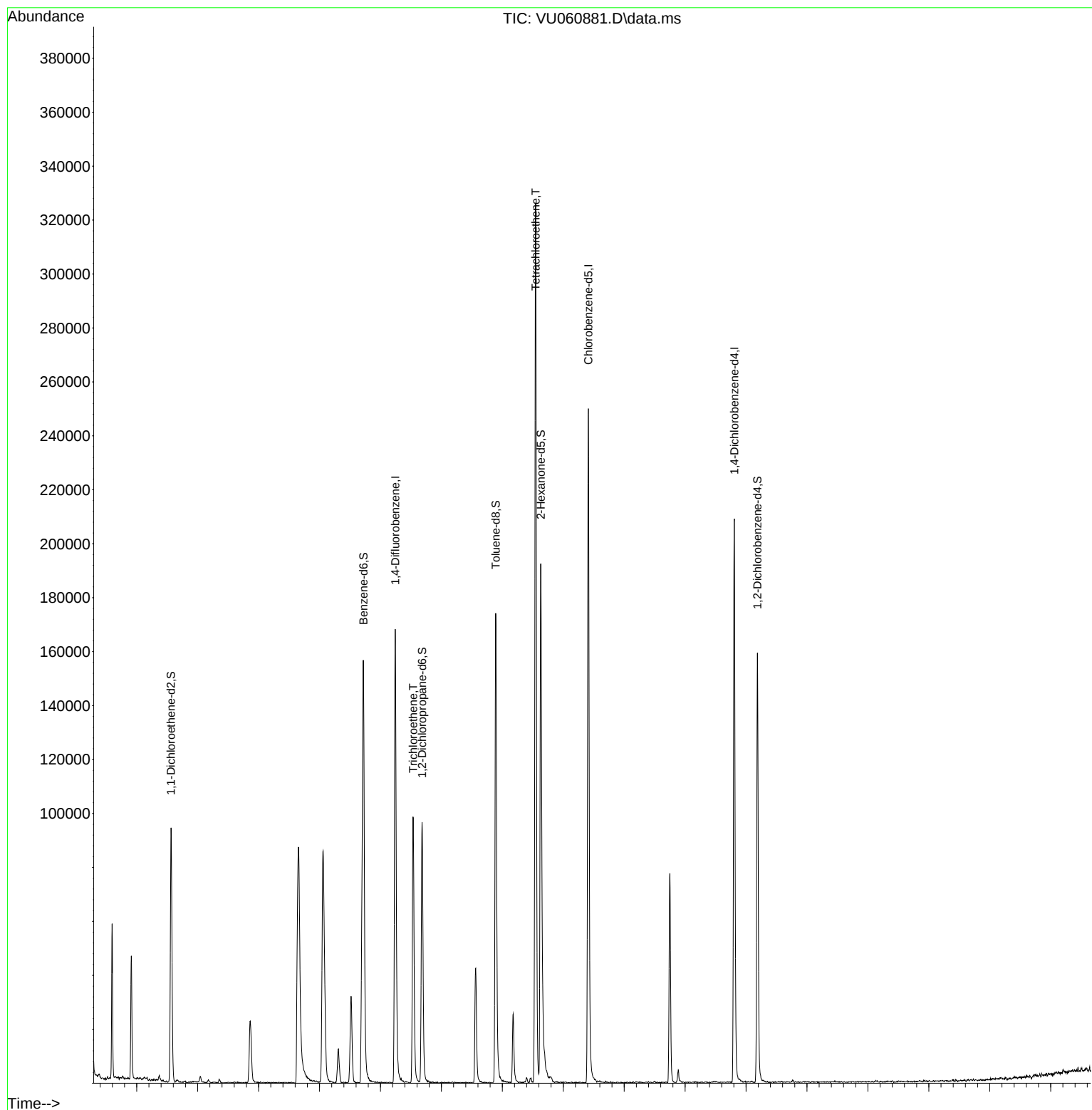
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149936	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	161447	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	65584	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40328	2.990	ug/L	0.00
Spiked Amount	5.000	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						
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
47) Tetrachloroethene	8.547	164	78838	8.525	ug/L	96

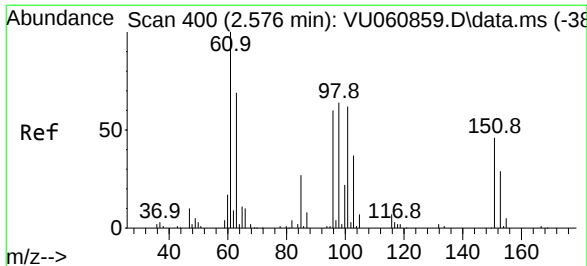
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 19 05:17:20 2024
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 05:11:13 2024
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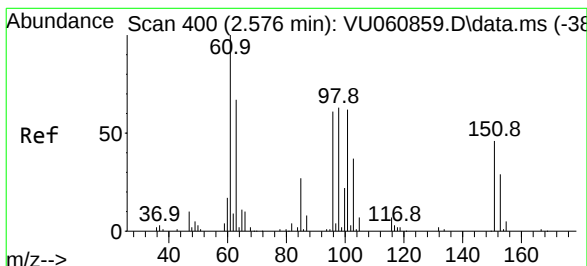
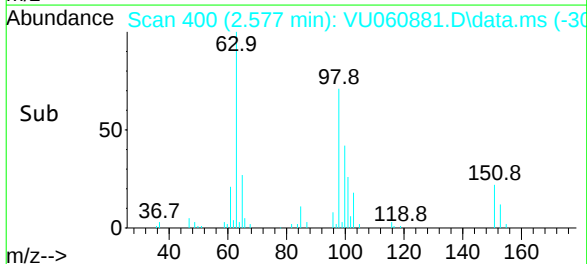
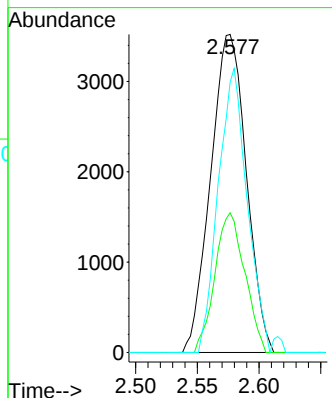
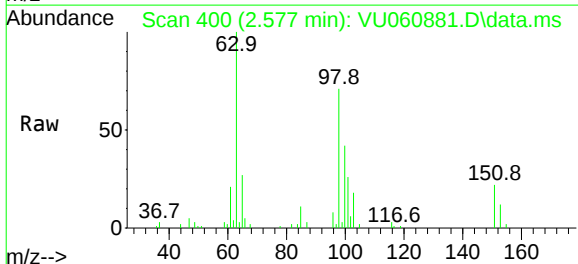




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.686 ug/L
RT: 2.577 min Scan# 40
Delta R.T. 0.000 min
Lab File: VU060881.D
Acq: 18 Sep 2024 19:38

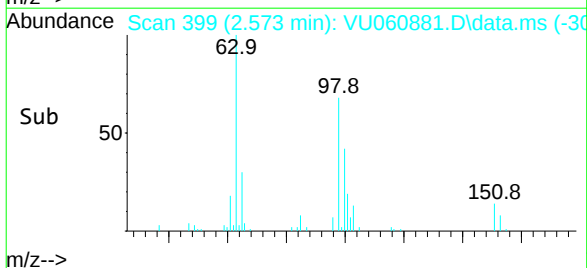
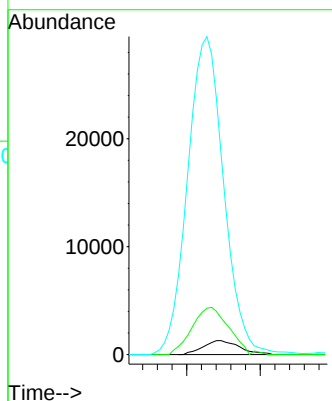
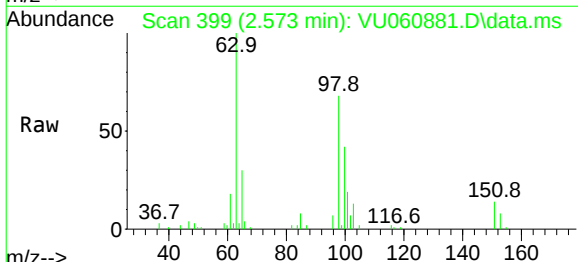
Instrument :
MSVOA_U
ClientSampleId :
C0B52

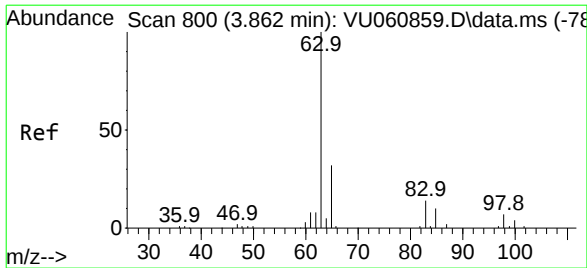
Tgt Ion: 101 Resp: 7082
Ion Ratio Lower Upper
101 100
85 36.8 34.2 51.4
151 72.2 58.6 88.0



#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#

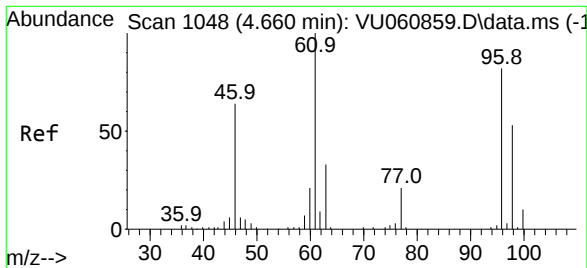
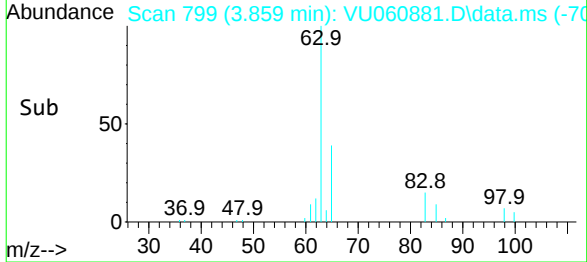
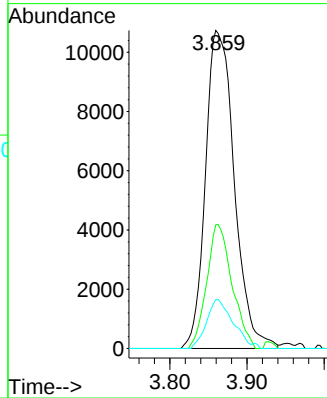
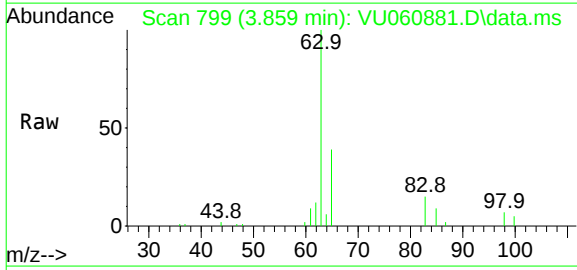




#19
1,1-Dichloroethane
Concen: 1.422 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU060881.D
Acq: 18 Sep 2024 19:38

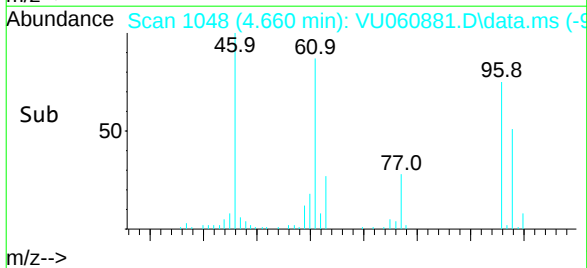
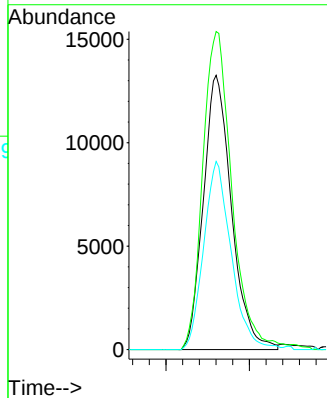
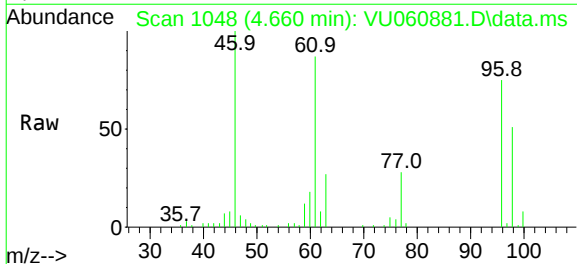
Instrument :
MSVOA_U
ClientSampleId :
C0B52

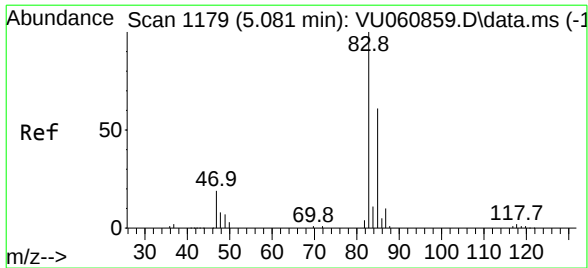
Tgt Ion:	63	Resp:	27907
Ion	Ratio	Lower	Upper
63	100		
65	38.9	23.0	42.8
83	15.3	9.0	16.6



#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

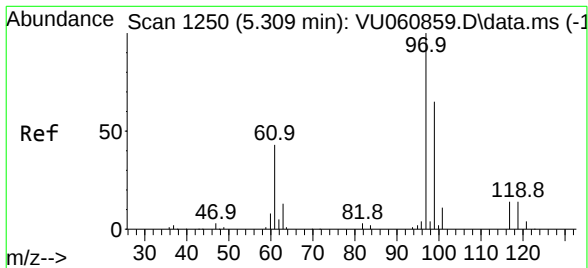
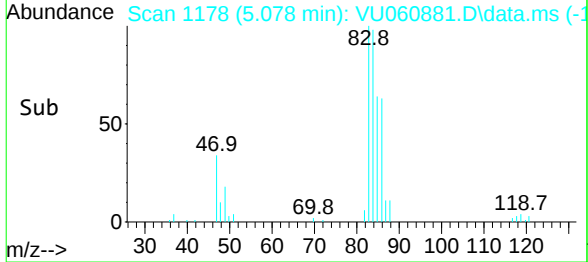
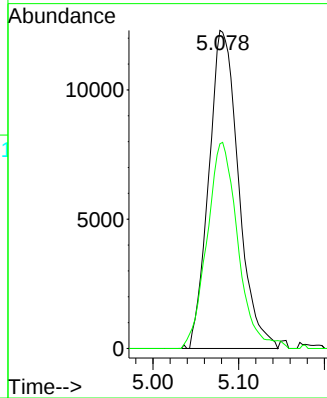
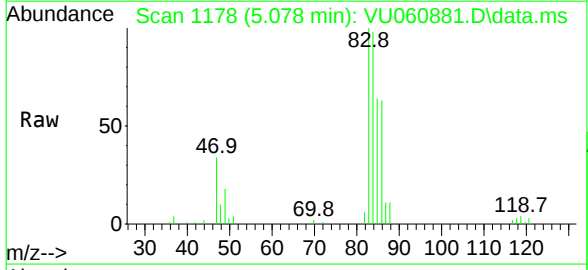




#25
Chloroform
Concen: 1.448 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU060881.D
Acq: 18 Sep 2024 19:38

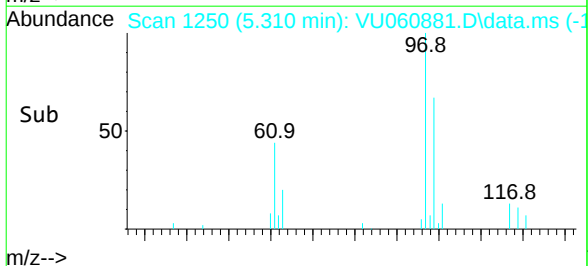
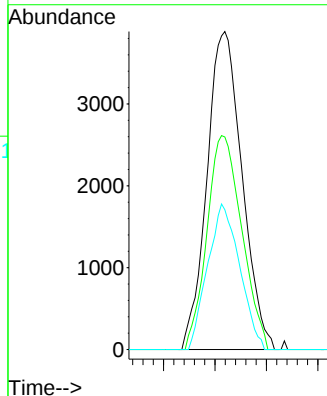
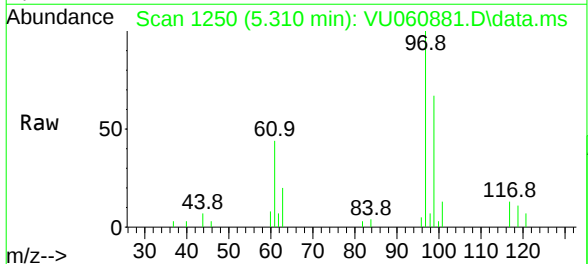
Instrument :
MSVOA_U
ClientSampleId :
C0B52

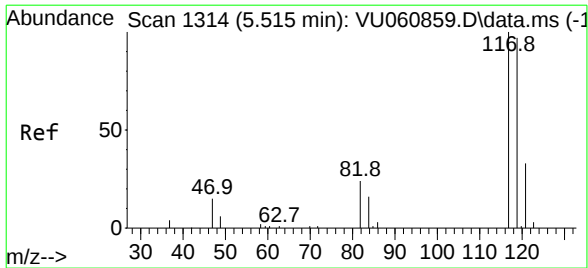
Tgt Ion: 83 Resp: 29621
Ion Ratio Lower Upper
83 100
85 64.4 46.8 86.8



#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# 1314

Delta R.T. 0.004 min

Lab File: VU060881.D

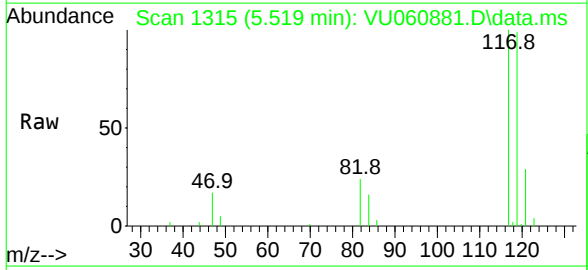
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Instrument :

MSVOA_U

ClientSampleId :

C0B52

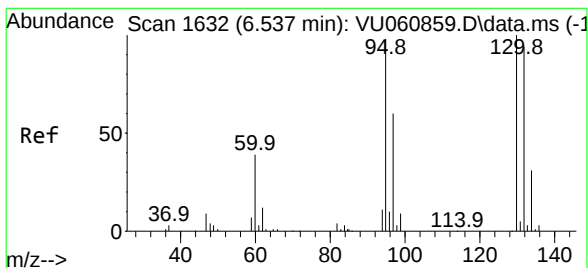
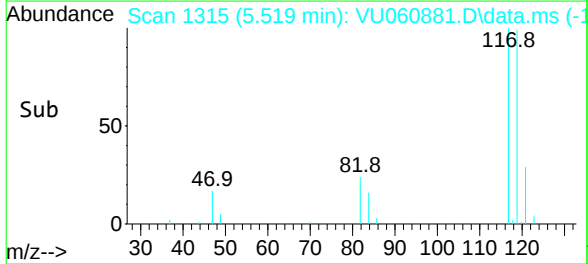
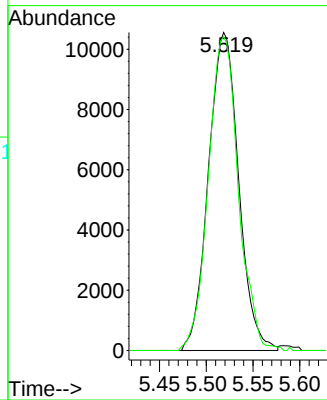


Tgt Ion:117 Resp: 23706

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

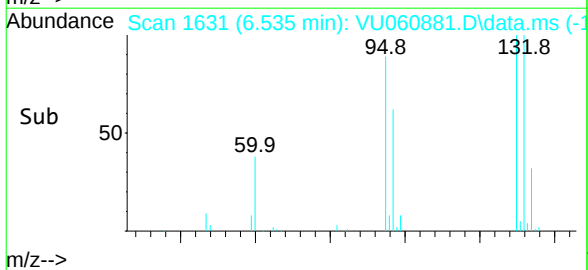
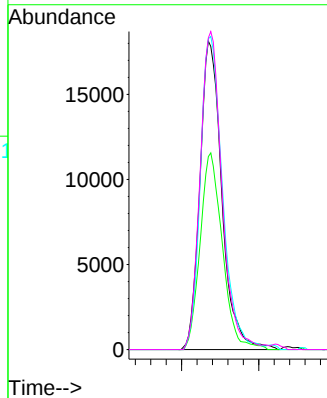
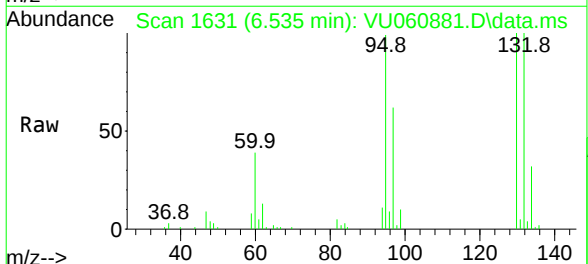
Ion Ratio Lower Upper

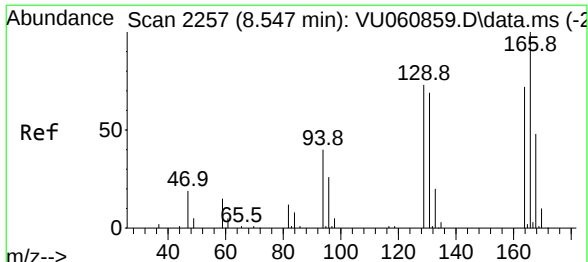
95 100

97 62.5 44.9 83.5

132 100.7 63.5 117.9

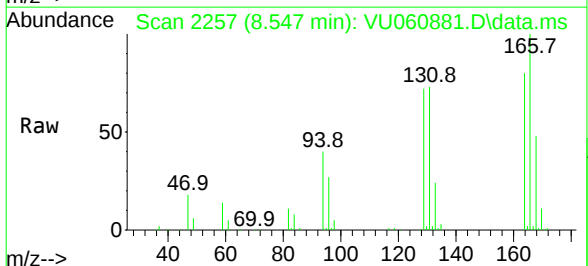
130 101.0 70.2 130.4





#47
 Tetrachloroethene
 Concen: 8.525 ug/L
 RT: 8.547 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: VU060881.D
 Acq: 18 Sep 2024 19:38

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B52



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

