

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091824\
 Data File : VU060883.D
 Acq On : 18 Sep 2024 20:26
 Operator : MD/SY
 Sample : P3952-02DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 05:17:53 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)

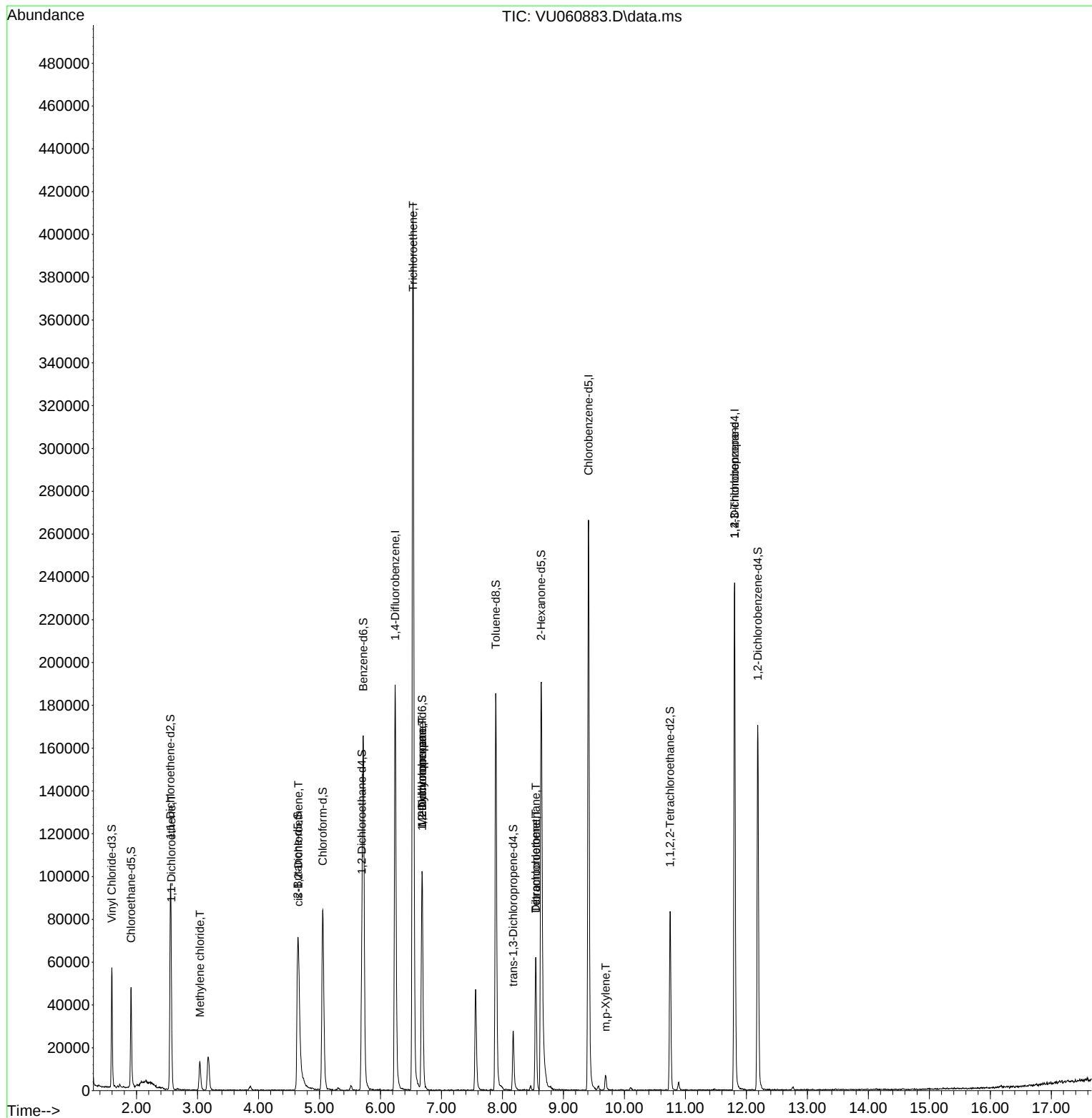
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	167452	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	170157	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70835	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42165	2.800	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.000%
7) Chloroethane-d5	1.911	69	37152	3.465	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.200%
11) 1,1-Dichloroethene-d2	2.557	65	16611	3.112	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.200%
20) 2-Butanone-d5	4.644	46	96890	40.072	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.140%
24) Chloroform-d	5.055	84	84469	3.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
26) 1,2-Dichloroethane-d4	5.695	65	40416	3.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
32) Benzene-d6	5.718	84	165153	3.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
36) 1,2-Dichloropropane-d6	6.682	67	54209	3.842	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.891	98	137958	3.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
43) trans-1,3-Dichloroprop...	8.177	79	18276	3.598	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.000%
46) 2-Hexanone-d5	8.634	63	80485	40.170	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.340%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	45181	4.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	51756	4.348	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	6556	0.622	ug/L #	1
16) Methylene chloride	3.039	84	7133	0.585	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	13628	1.128	ug/L	96
34) Trichloroethene	6.534	95	147960	12.063	ug/L	95
35) Methylcyclohexane	6.682	83	12368	0.735	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	5180	0.402	ug/L #	93
47) Tetrachloroethene	8.547	164	16107	1.653	ug/L	94
49) Dibromochloromethane	8.547	129	15004	1.416	ug/L #	9
53) m,p-Xylene	9.695	106	2049	0.105	ug/L	84
61) 1,2,3-Trichloropropane	11.807	75	7749	1.173	ug/L #	66

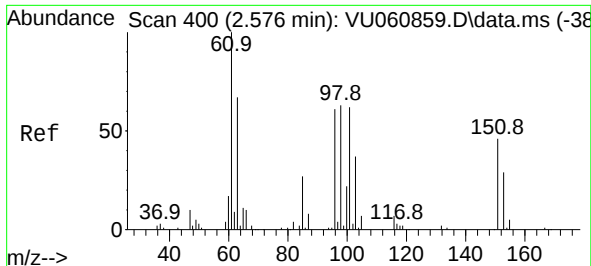
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 19 05:17:53 2024
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Quant Title : TRACE VOA SFAM1.0
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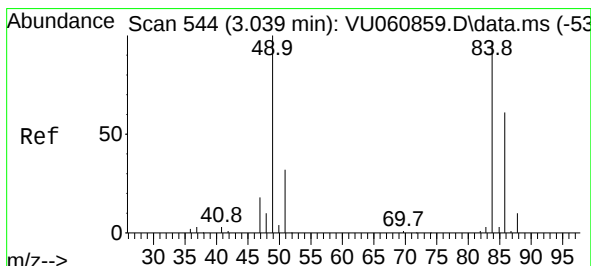
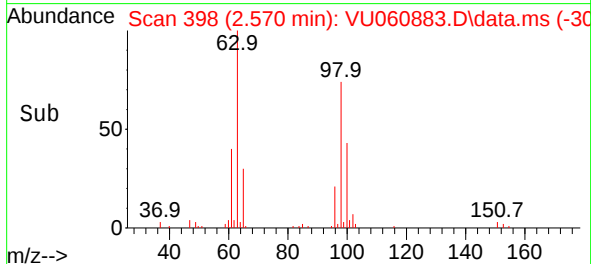
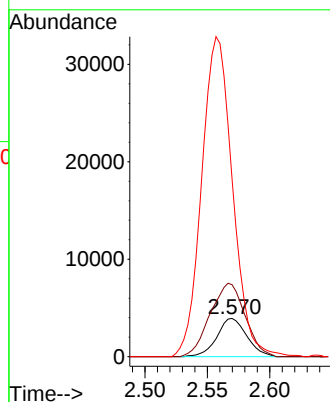
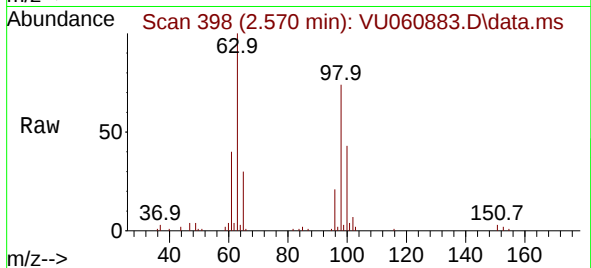




#12
1,1-Dichloroethene
Concen: 0.622 ug/L
RT: 2.570 min Scan# 30
Delta R.T. -0.006 min
Lab File: VU060883.D
Acq: 18 Sep 2024 20:26

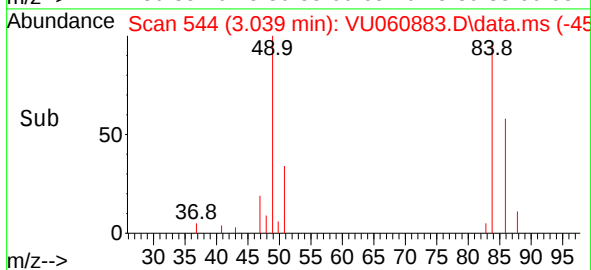
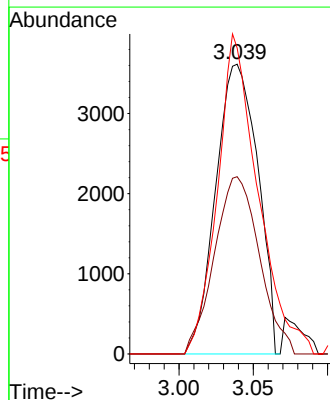
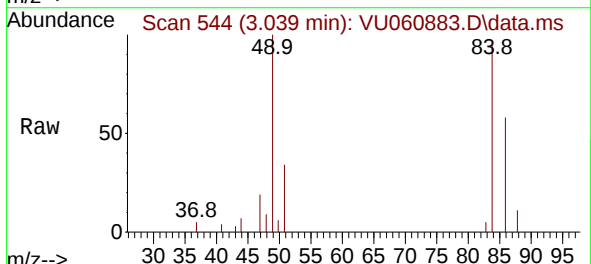
Instrument :
MSVOA_U
ClientSampleId :

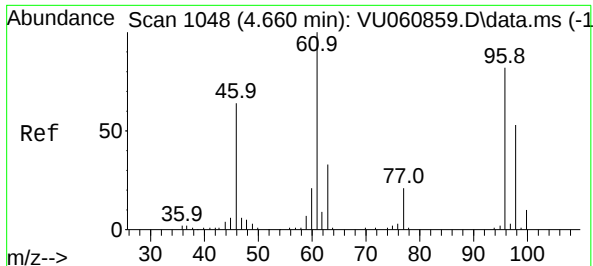
Tgt Ion: 96 Resp: 6556
Ion Ratio Lower Upper
96 100
61 188.5 120.7 224.1
63 466.1 90.0 167.2#



#16
Methylene chloride
Concen: 0.585 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060883.D
Acq: 18 Sep 2024 20:26

Tgt Ion: 84 Resp: 7133
Ion Ratio Lower Upper
84 100
86 61.2 47.3 87.8
49 112.4 78.7 146.1

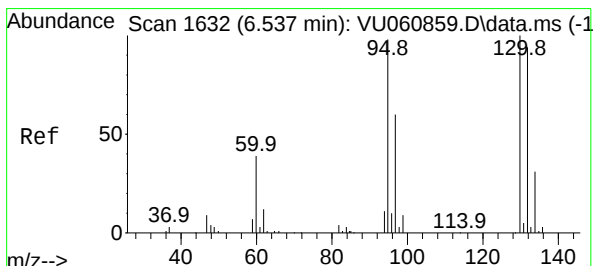
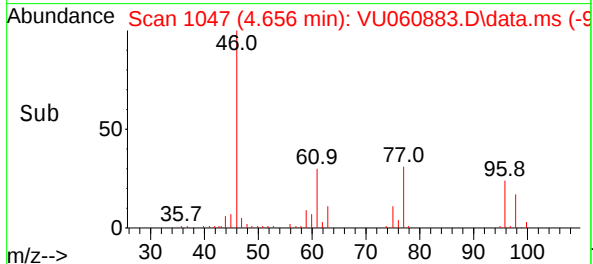
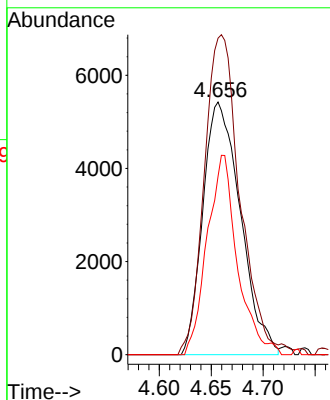
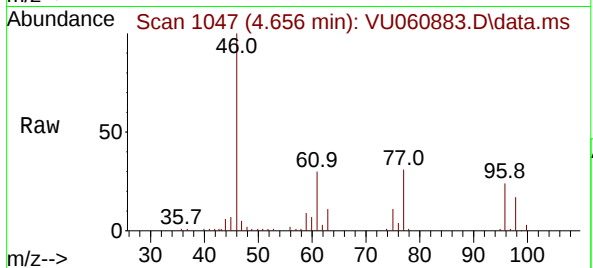




#22
cis-1,2-Dichloroethene
Concen: 1.128 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060883.D
Acq: 18 Sep 2024 20:26

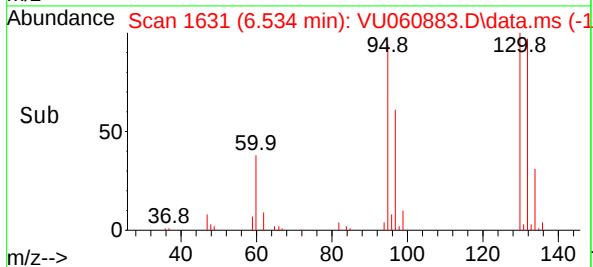
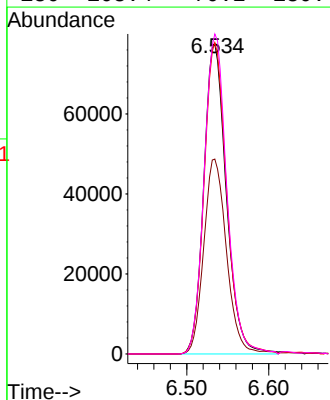
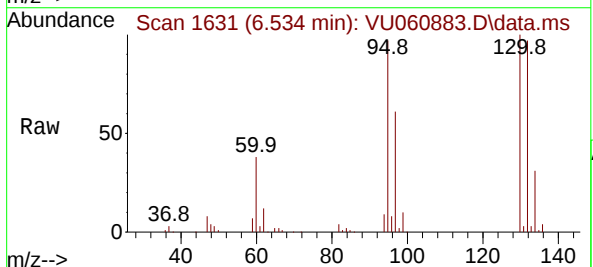
Instrument :
MSVOA_U
ClientSampleId :

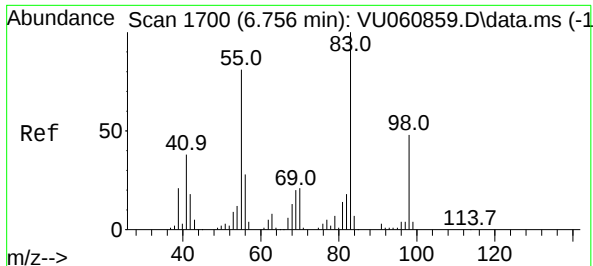
Tgt Ion: 96 Resp: 13628
Ion Ratio Lower Upper
96 100
61 125.3 89.7 166.5
98 70.6 45.1 83.9



#34
Trichloroethene
Concen: 12.063 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU060883.D
Acq: 18 Sep 2024 20:26

Tgt Ion: 95 Resp: 147960
Ion Ratio Lower Upper
95 100
97 62.9 44.9 83.5
132 100.6 63.5 117.9
130 103.4 70.2 130.4

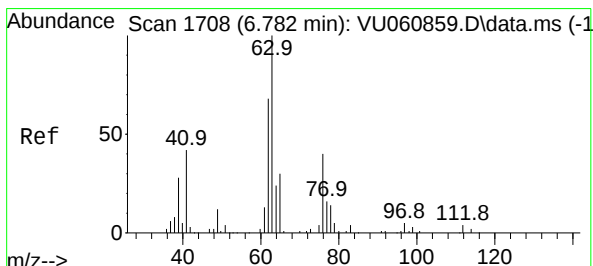
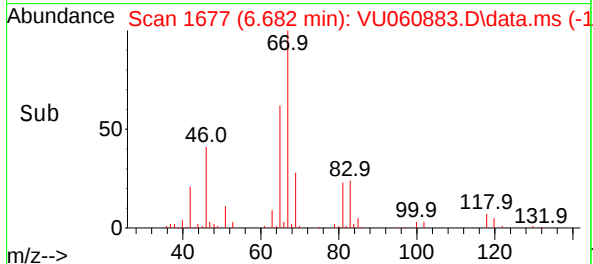
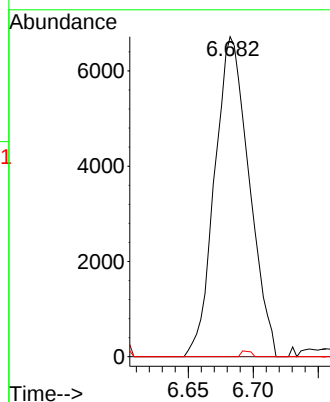
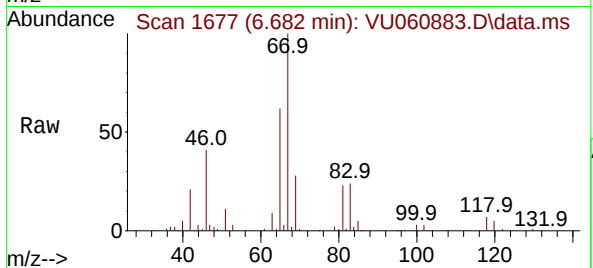




#35
Methylcyclohexane
Concen: 0.735 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060883.D
Acq: 18 Sep 2024 20:26

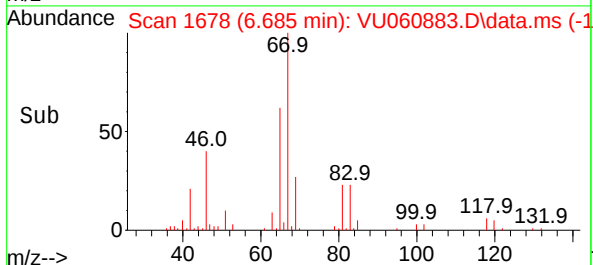
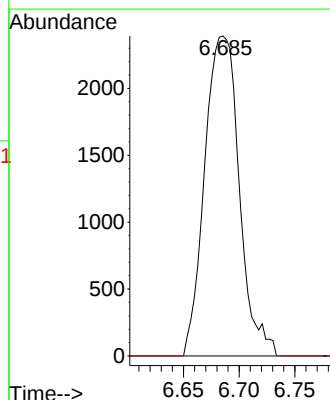
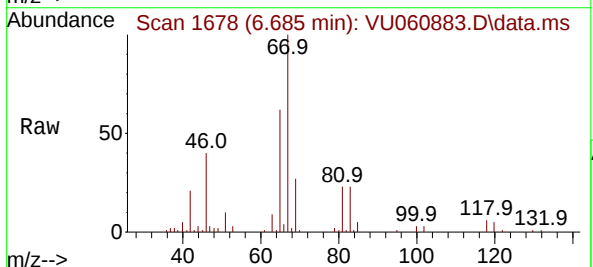
Instrument :
MSVOA_U
ClientSampleId :

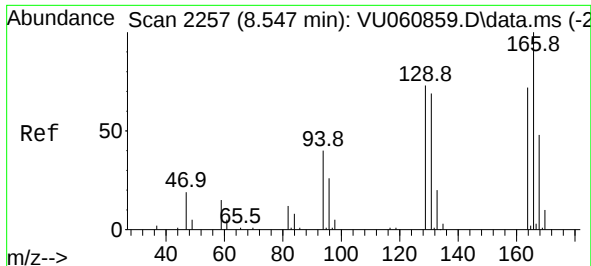
Tgt Ion: 83 Resp: 12368
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.0 37.6 56.4#



#37
1,2-Dichloropropane
Concen: 0.402 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.096 min
Lab File: VU060883.D
Acq: 18 Sep 2024 20:26

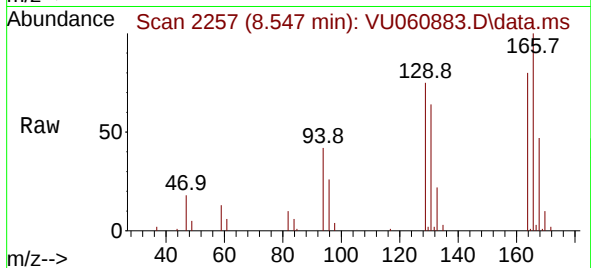
Tgt Ion: 63 Resp: 5180
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



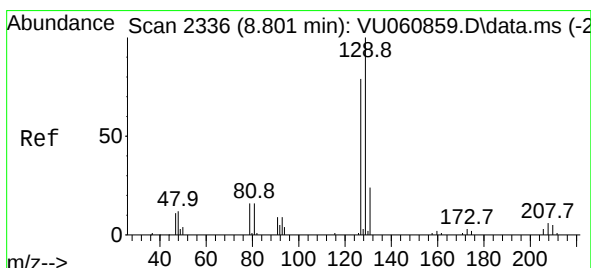
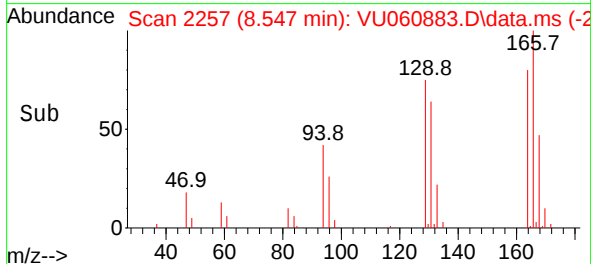
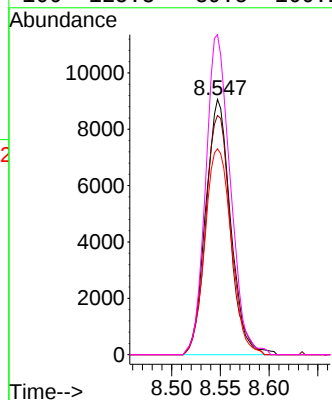


#47
Tetrachloroethene
Concen: 1.653 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060883.D
Acq: 18 Sep 2024 20:26

Instrument :
MSVOA_U
ClientSampleId :

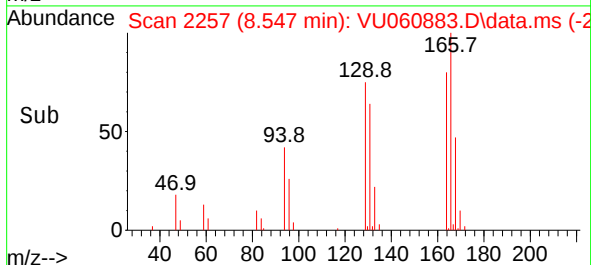
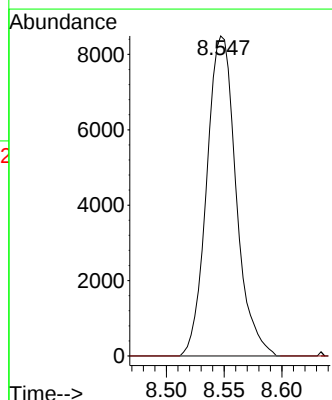
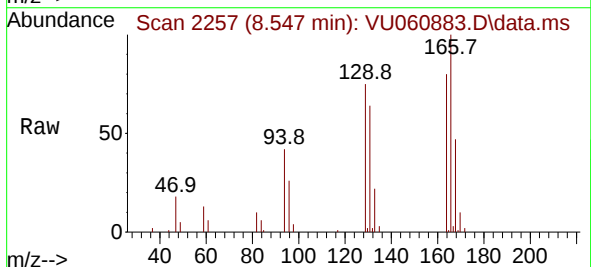


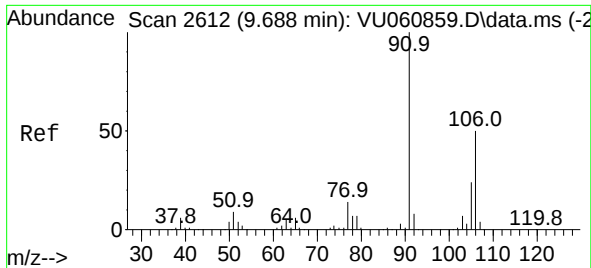
Tgt Ion:164	Resp:	16107	
Ion	Ratio	Lower	Upper
164	100		
129	93.7	67.3	124.9
131	80.6	65.4	121.4
166	125.3	89.5	166.1



#49
Dibromochloromethane
Concen: 1.416 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.254 min
Lab File: VU060883.D
Acq: 18 Sep 2024 20:26

Tgt Ion:129	Resp:	15004	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.1	104.1#

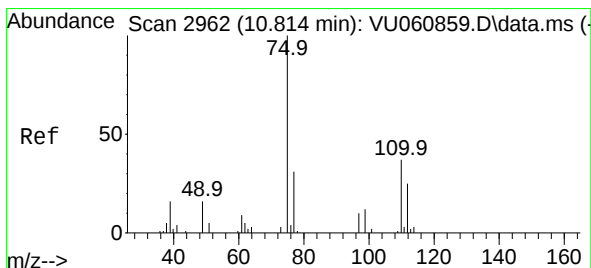
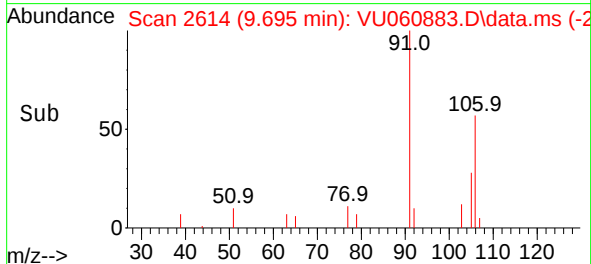
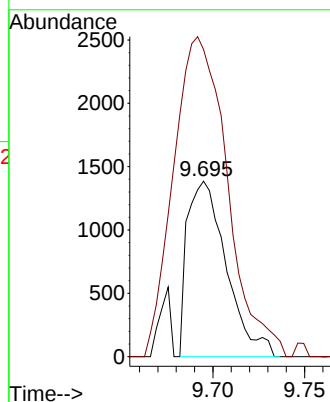
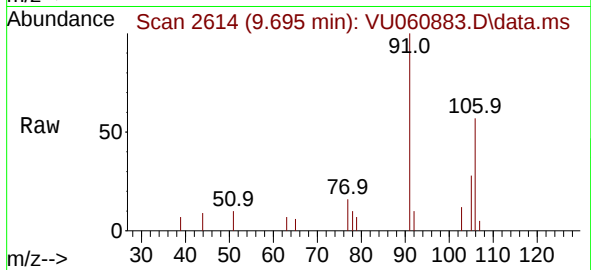




#53
m,p-Xylene
Concen: 0.105 ug/L
RT: 9.695 min Scan# 20
Delta R.T. 0.006 min
Lab File: VU060883.D
Acq: 18 Sep 2024 20:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 2049
Ion Ratio Lower Upper
106 100
91 175.0 139.7 259.4



#61
1,2,3-Trichloropropane
Concen: 1.173 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.994 min
Lab File: VU060883.D
Acq: 18 Sep 2024 20:26

Tgt Ion: 75 Resp: 7749
Ion Ratio Lower Upper
75 100
110 0.0 28.6 43.0#
77 29.9 26.3 39.5

