

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072224\
 Data File : VU060084.D
 Acq On : 22 Jul 2024 11:34
 Operator : MD/SY
 Sample : P3298-20 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 22 12:34:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 20 01:37:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

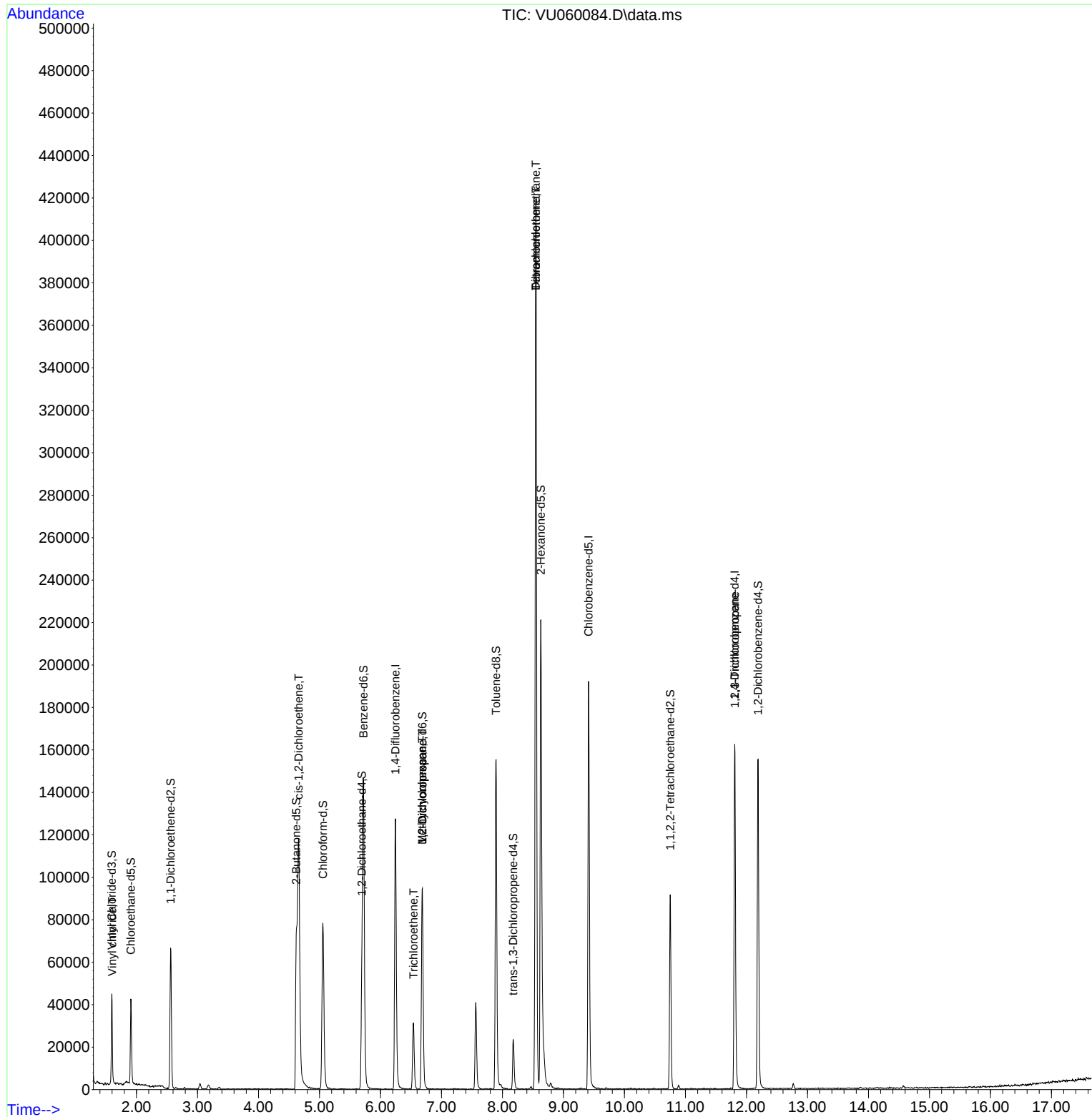
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	112615	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	117250	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	49586	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28946	3.694	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.907	69	30786	4.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.560	65	12522	4.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.621	46	104915	57.272	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.540%
24) Chloroform-d	5.055	84	78373	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.695	65	40062	5.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.721	84	145607	4.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.685	67	50030	4.998	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.894	98	113050	3.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.174	79	15327	4.498	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.627	63	81160	53.674	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.340%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48676	5.464	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	47185	5.272	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	2167	0.188	ug/L #	59
22) cis-1,2-Dichloroethene	4.660	96	60524	6.043	ug/L	97
34) Trichloroethene	6.541	95	11300	1.100	ug/L	92
35) Methylcyclohexane	6.682	83	11284	0.838	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	4995	0.477	ug/L #	88
47) Tetrachloroethene	8.547	164	101251	11.920	ug/L	99
49) Dibromochloromethane	8.547	129	92851	10.497	ug/L #	10
61) 1,2,3-Trichloropropane	11.811	75	5457	1.044	ug/L #	66

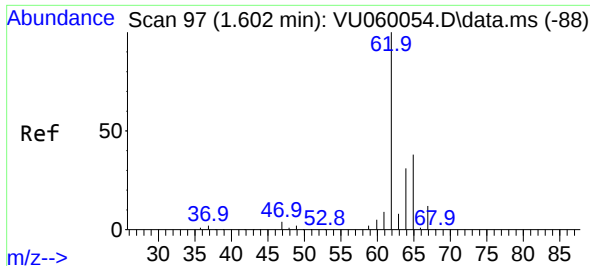
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

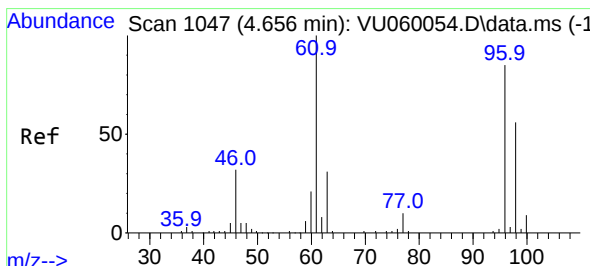
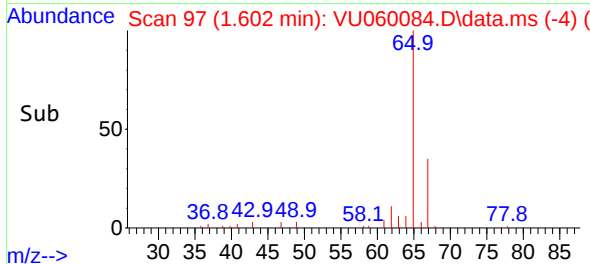
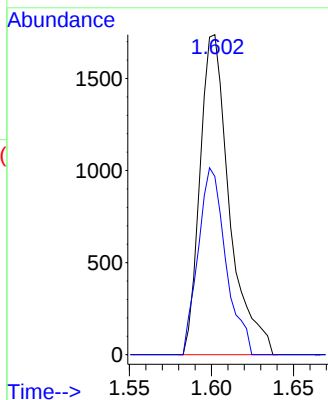
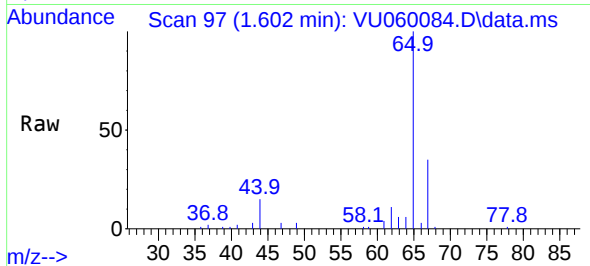




#5
 Vinyl chloride
 Concen: 0.188 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU060084.D
 Acq: 22 Jul 2024 11:34

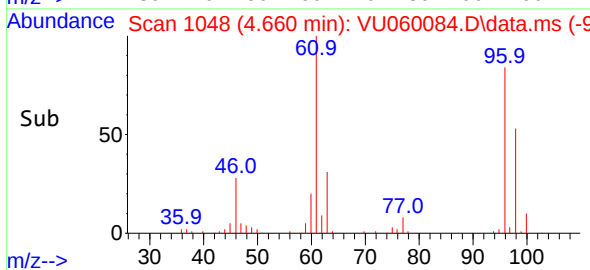
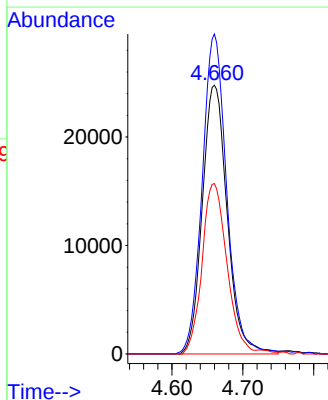
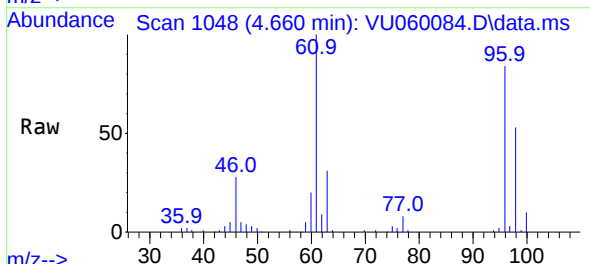
Instrument :
 MSVOA_U
 ClientSampleId :

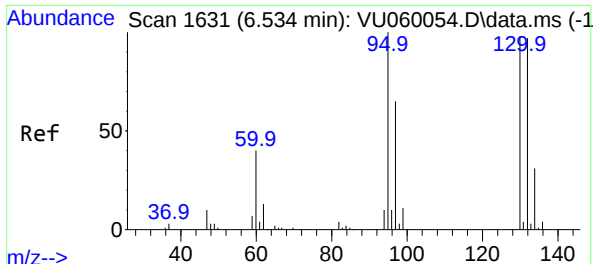
Tgt Ion: 62 Resp: 2167
 Ion Ratio Lower Upper
 62 100
 64 55.7 22.8 42.4#



#22
 cis-1,2-Dichloroethene
 Concen: 6.043 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU060084.D
 Acq: 22 Jul 2024 11:34

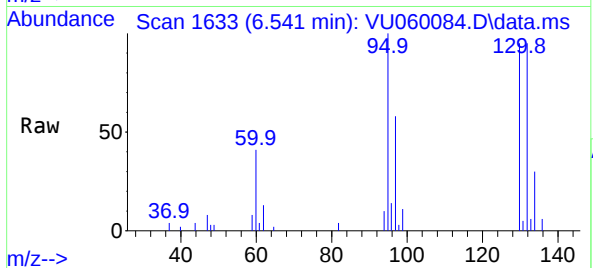
Tgt Ion: 96 Resp: 60524
 Ion Ratio Lower Upper
 96 100
 61 119.0 80.2 148.9
 98 63.4 44.7 83.1



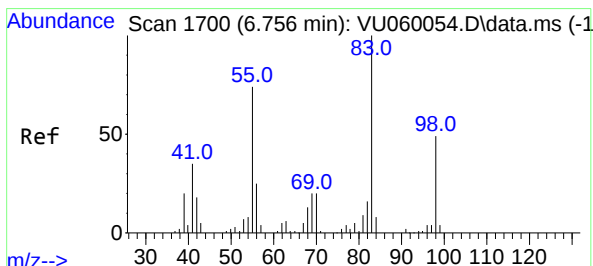
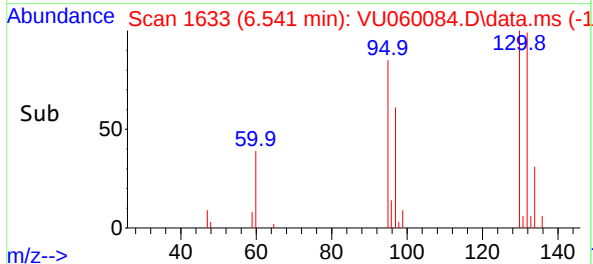
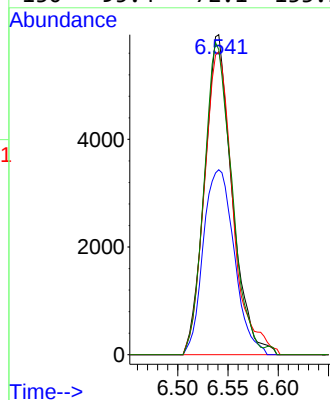


#34
Trichloroethene
Concen: 1.100 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.007 min
Lab File: VU060084.D
Acq: 22 Jul 2024 11:34

Instrument :
MSVOA_U
ClientSampleId :

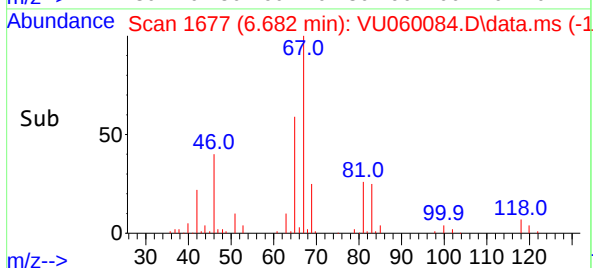
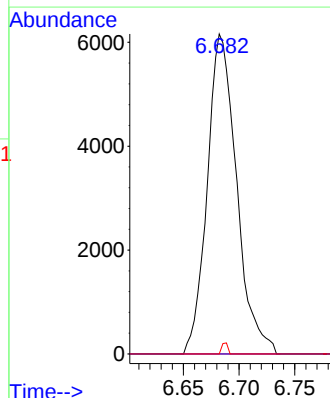
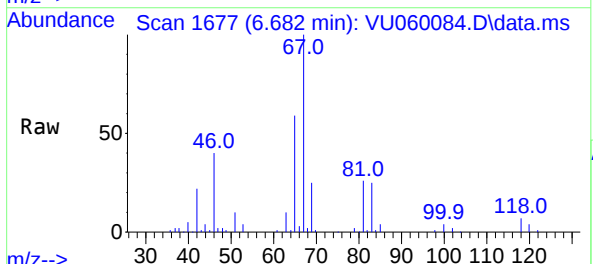


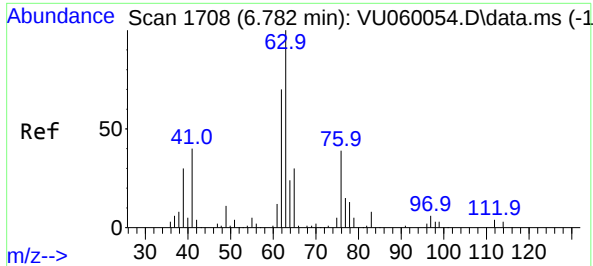
Tgt Ion: 95 Resp: 11300
Ion Ratio Lower Upper
95 100
97 57.8 45.9 85.3
132 94.7 71.4 132.6
130 95.4 72.1 133.9



#35
Methylcyclohexane
Concen: 0.838 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060084.D
Acq: 22 Jul 2024 11:34

Tgt Ion: 83 Resp: 11284
Ion Ratio Lower Upper
83 100
55 0.0 56.7 85.1#
98 0.7 36.6 55.0#

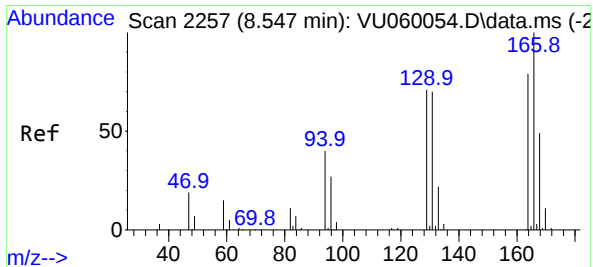
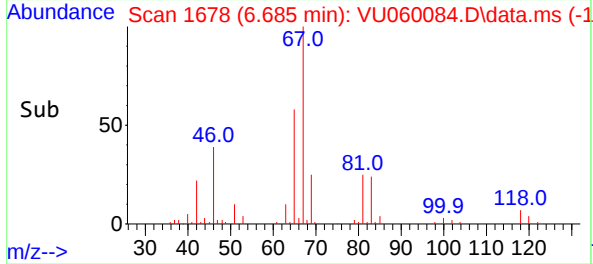
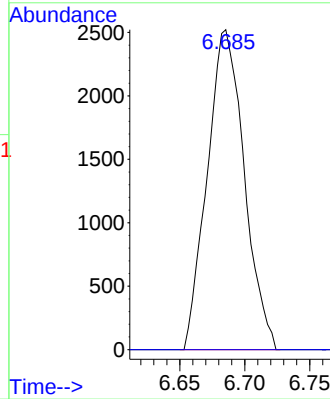
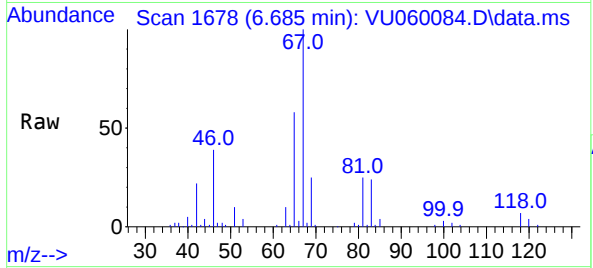




#37
1,2-Dichloropropane
Concen: 0.477 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU060084.D
Acq: 22 Jul 2024 11:34

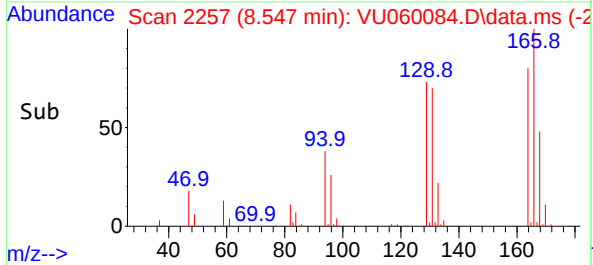
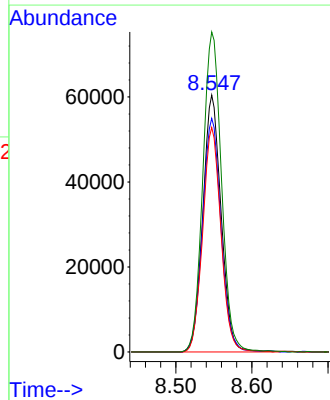
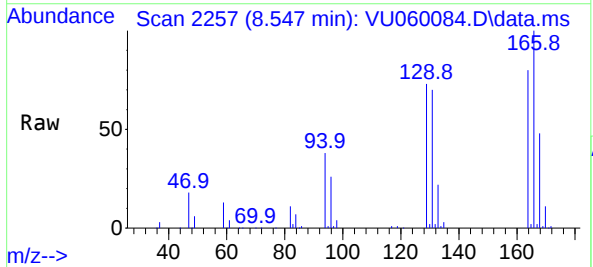
Instrument :
MSVOA_U
ClientSampleId :

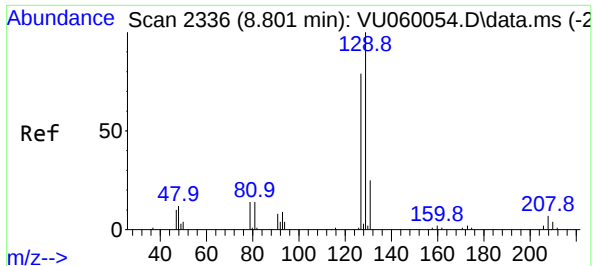
Tgt Ion: 63 Resp: 4995
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 11.920 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060084.D
Acq: 22 Jul 2024 11:34

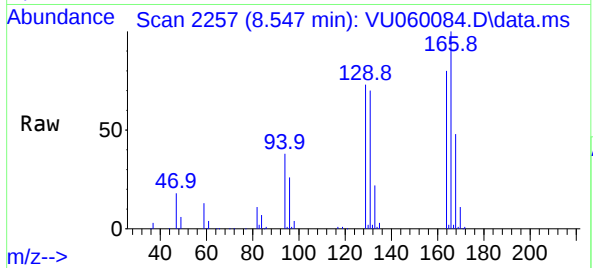
Tgt Ion:164 Resp: 101251
Ion Ratio Lower Upper
164 100
129 90.9 64.6 120.0
131 87.4 61.2 113.8
166 124.5 88.6 164.6



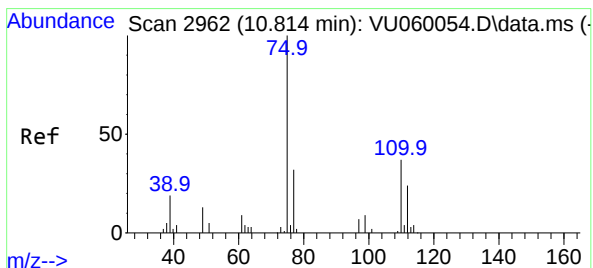
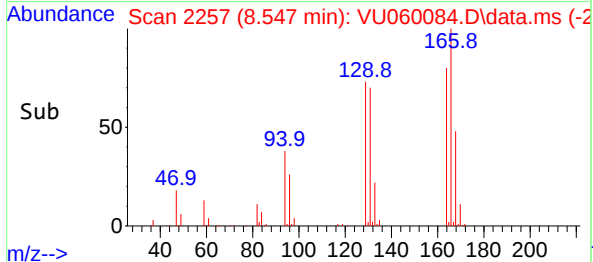
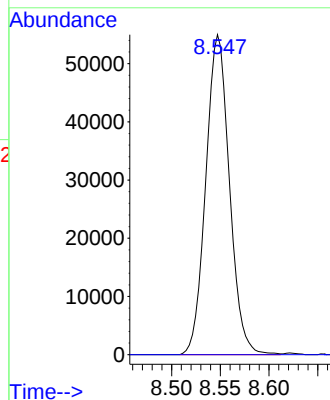


#49
Dibromochloromethane
Concen: 10.497 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU060084.D
Acq: 22 Jul 2024 11:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 92851
Ion Ratio Lower Upper
129 100
127 0.0 54.6 101.4#



#61
1,2,3-Trichloropropane
Concen: 1.044 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.997 min
Lab File: VU060084.D
Acq: 22 Jul 2024 11:34

Tgt Ion: 75 Resp: 5457
Ion Ratio Lower Upper
75 100
110 1.3 30.8 46.2#
77 33.4 26.2 39.2

