

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060109.D
 Acq On : 23 Jul 2024 12:57
 Operator : MD/SY
 Sample : P3244-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 24 04:20:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 24 04:18:44 2024
 Response via : Initial Calibration

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

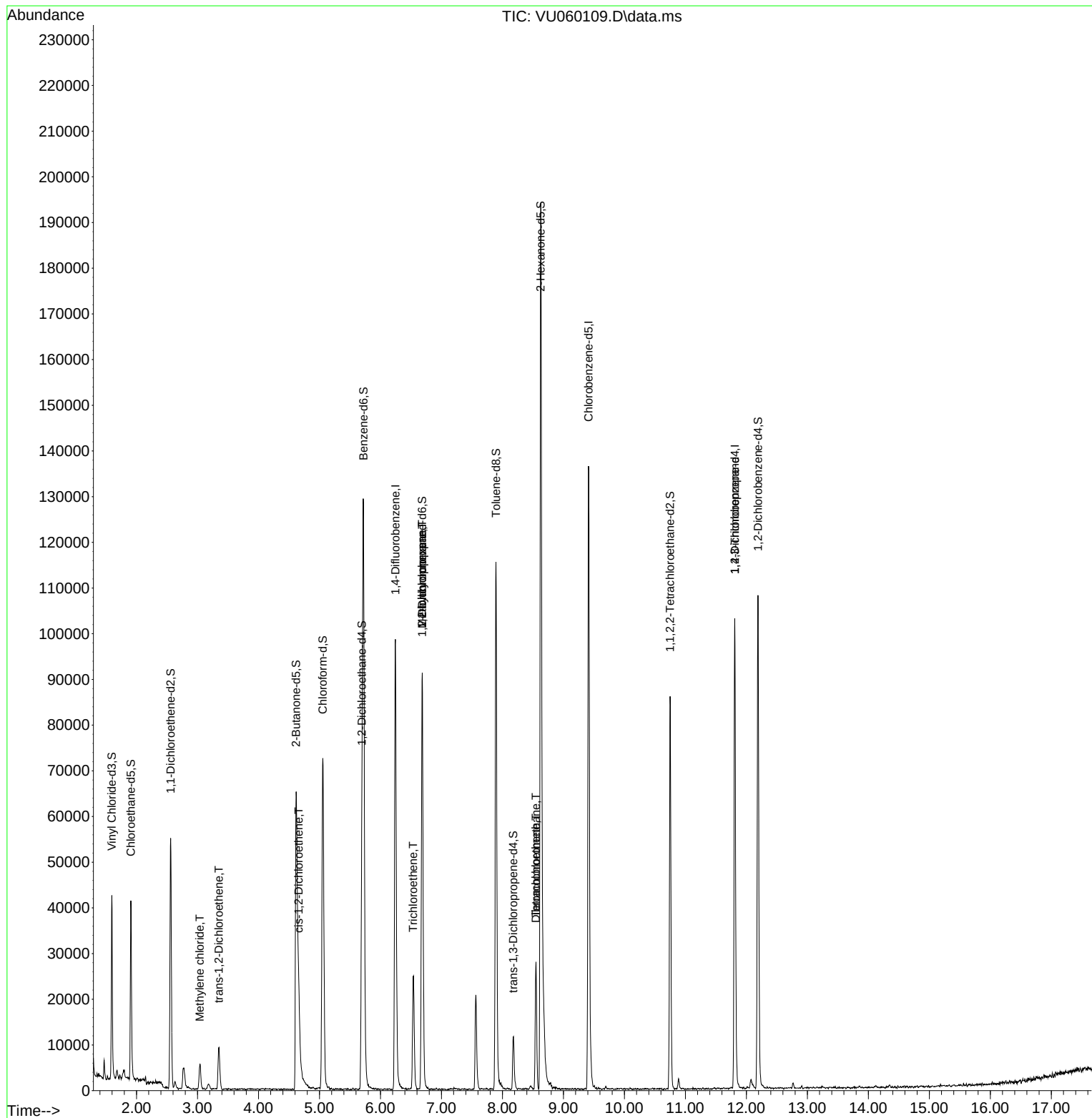
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	85255	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	88272	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	33138	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28983	4.886	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.907	69	31272	5.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.400%
11) 1,1-Dichloroethene-d2	2.560	65	9909	4.279	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.618	46	96597	69.654	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	139.300%#
24) Chloroform-d	5.055	84	72874	5.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.000%
26) 1,2-Dichloroethane-d4	5.695	65	39354	6.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	135.600%#
32) Benzene-d6	5.721	84	124260	5.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	6.685	67	47154	6.257	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	125.200%
41) Toluene-d8	7.894	98	83181	3.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	8.177	79	8285	3.230	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.600%
46) 2-Hexanone-d5	8.627	63	65570	57.600	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.200%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	45243	6.745	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	135.000%#
66) 1,2-Dichlorobenzene-d4	12.190	152	33456	5.593	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	3620	0.454	ug/L	87
18) trans-1,2-Dichloroethene	3.351	96	4476	0.661	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	5861	0.773	ug/L	99
34) Trichloroethene	6.537	95	9333	1.207	ug/L	92
35) Methylcyclohexane	6.685	83	10775	1.063	ug/L #	24
37) 1,2-Dichloropropane	6.682	63	4462	0.566	ug/L #	88
47) Tetrachloroethene	8.550	164	6941	1.085	ug/L	96
49) Dibromochloromethane	8.547	129	6281	0.943	ug/L #	10
61) 1,2,3-Trichloropropane	11.810	75	3599	1.030	ug/L #	64

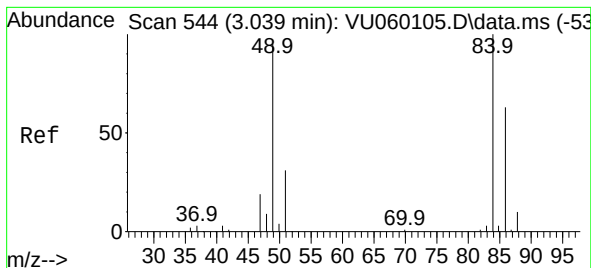
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.454 ug/L

RT: 3.036 min Scan# 544

Delta R.T. -0.003 min

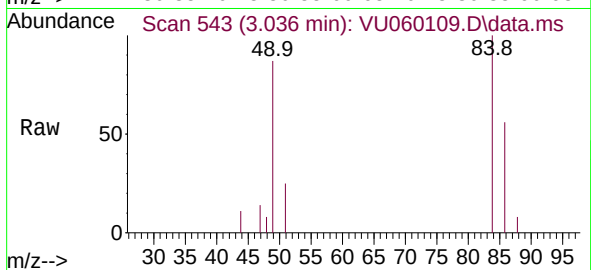
Lab File: VU060109.D

Acq: 23 Jul 2024 12:57

Instrument :

MSVOA_U

ClientSampleId :



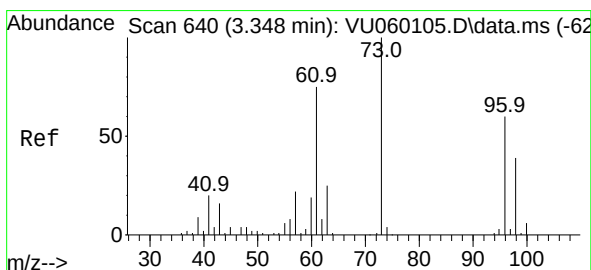
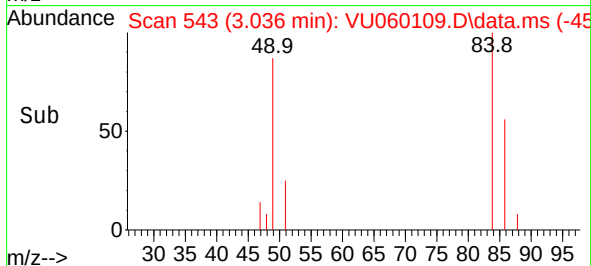
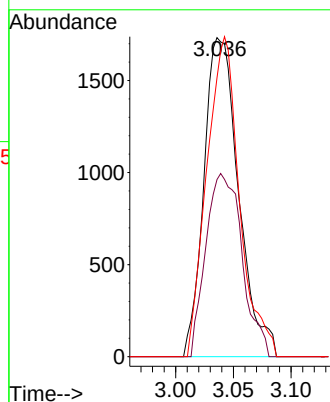
Tgt Ion: 84 Resp: 3620

Ion Ratio Lower Upper

84 100

86 55.5 44.4 82.5

49 87.4 72.0 133.6



#18

trans-1,2-Dichloroethene

Concen: 0.661 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU060109.D

Acq: 23 Jul 2024 12:57

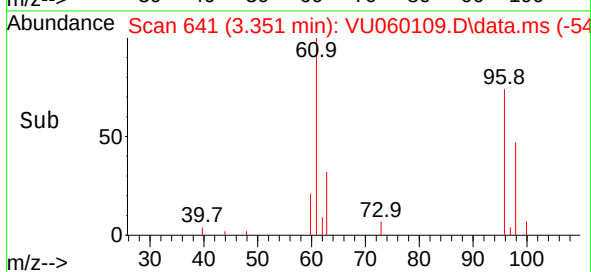
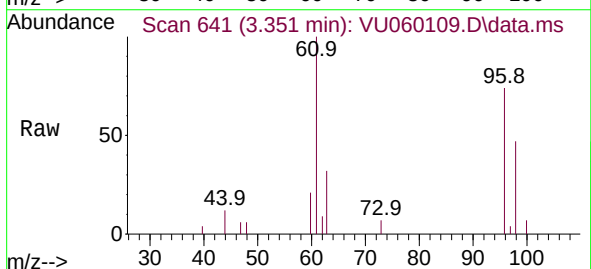
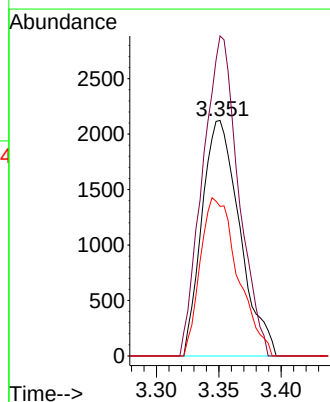
Tgt Ion: 96 Resp: 4476

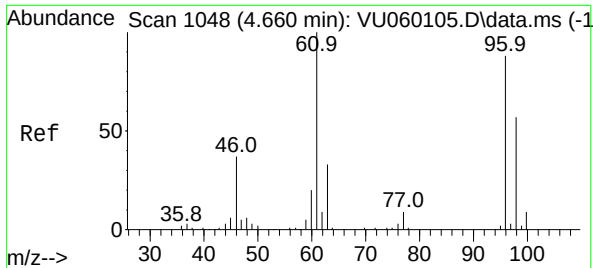
Ion Ratio Lower Upper

96 100

61 135.9 91.6 170.0

98 63.5 47.7 88.5





#22

cis-1,2-Dichloroethene

Concen: 0.773 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU060109.D

Acq: 23 Jul 2024 12:57

Instrument :

MSVOA_U

ClientSampleId :

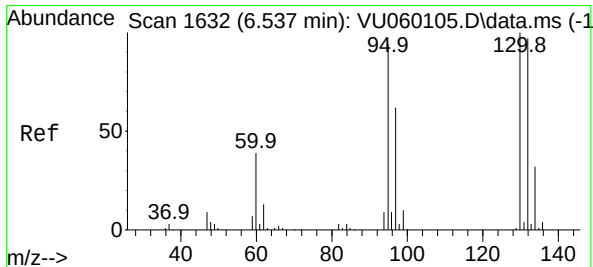
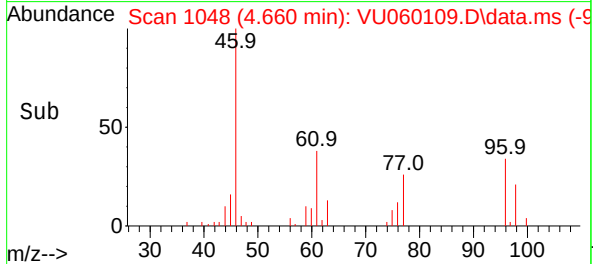
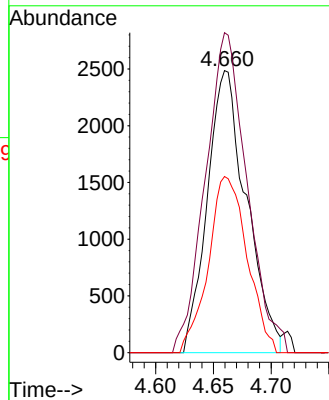
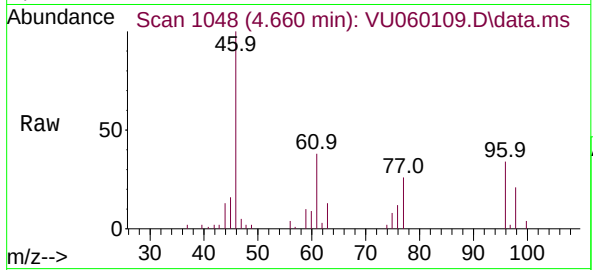
Tgt Ion: 96 Resp: 5861

Ion Ratio Lower Upper

96 100

61 113.4 80.2 148.9

98 62.4 44.7 83.1



#34

Trichloroethene

Concen: 1.207 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VU060109.D

Acq: 23 Jul 2024 12:57

Tgt Ion: 95 Resp: 9333

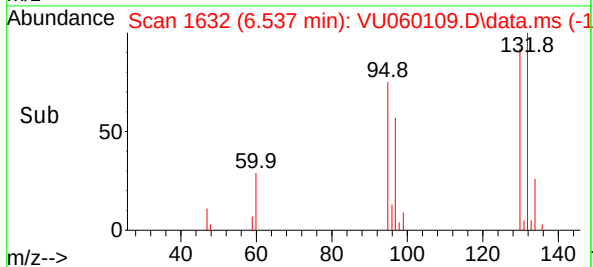
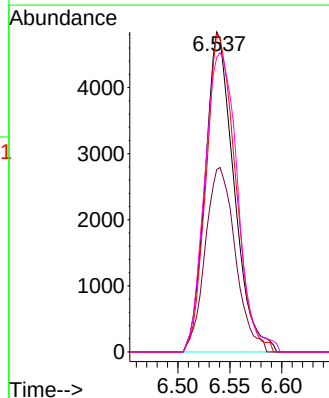
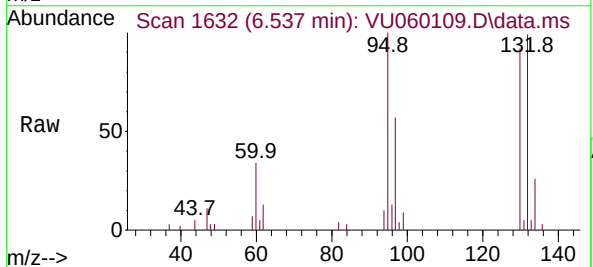
Ion Ratio Lower Upper

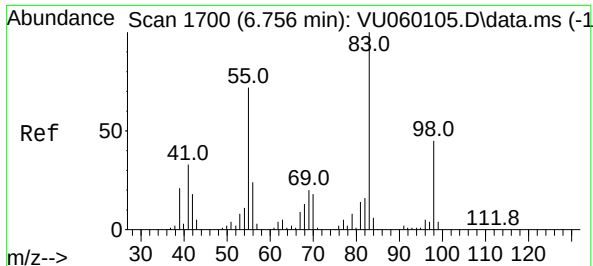
95 100

97 57.0 45.9 85.3

132 99.4 71.4 132.6

130 91.9 72.1 133.9





#35

Methylcyclohexane

Concen: 1.063 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU060109.D

Acq: 23 Jul 2024 12:57

Instrument :

MSVOA_U

ClientSampleId :

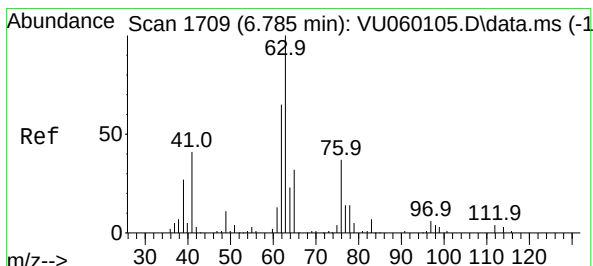
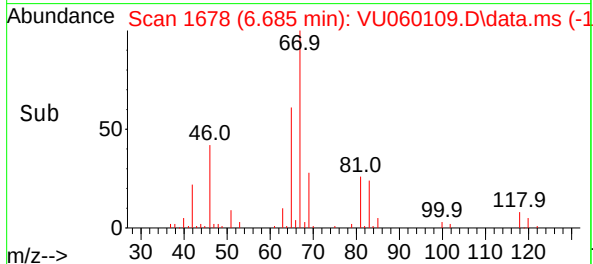
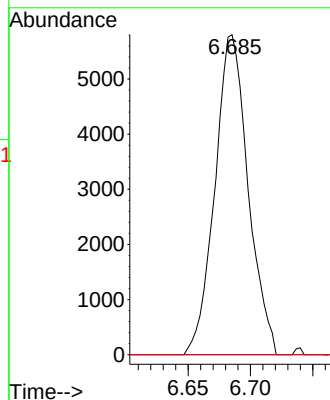
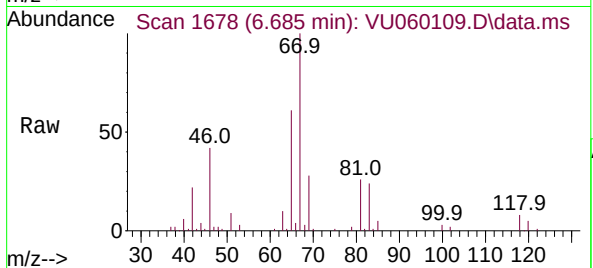
Tgt Ion: 83 Resp: 10775

Ion Ratio Lower Upper

83 100

55 0.0 56.7 85.1#

98 5.0 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.566 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU060109.D

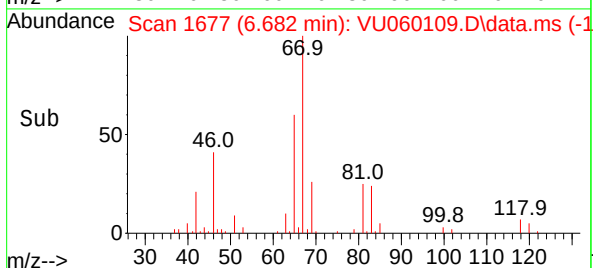
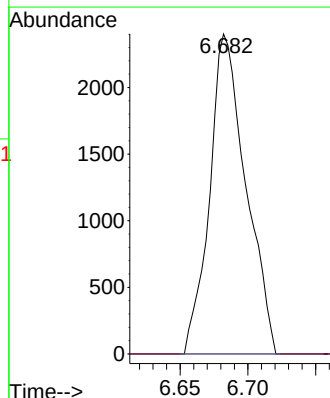
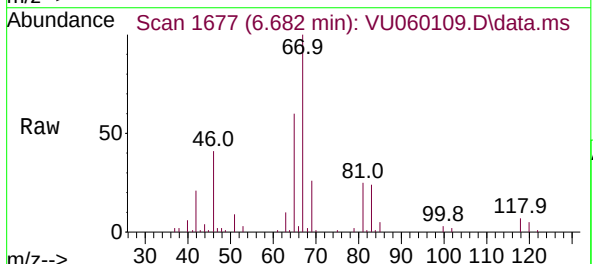
Acq: 23 Jul 2024 12:57

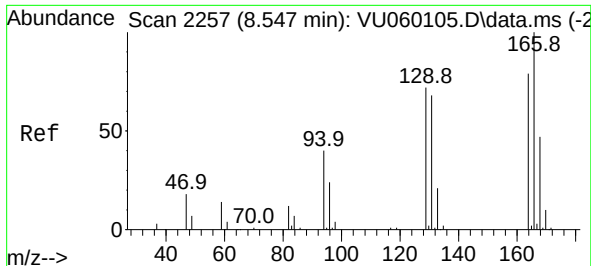
Tgt Ion: 63 Resp: 4462

Ion Ratio Lower Upper

63 100

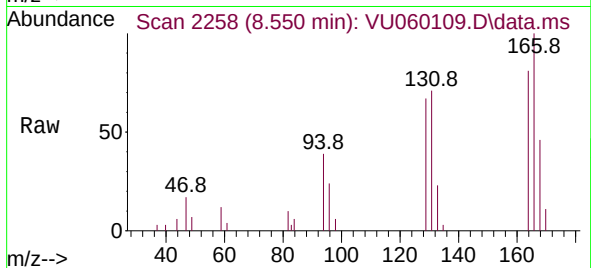
112 0.0 3.3 4.9#



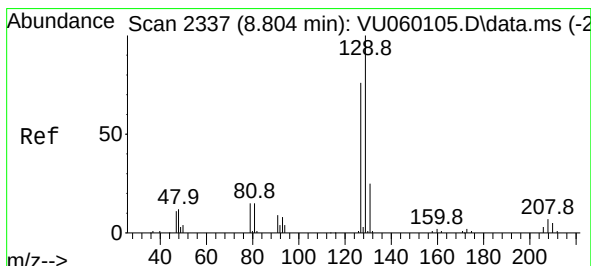
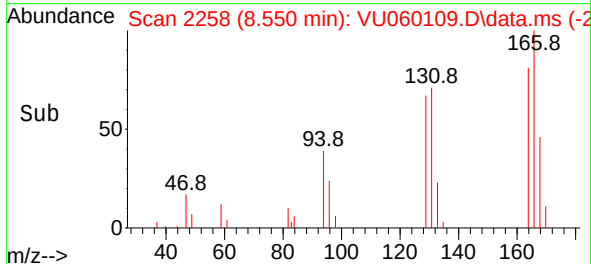
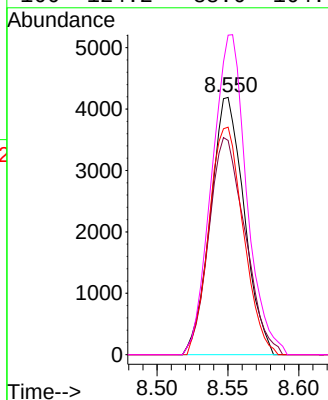


#47
Tetrachloroethene
Concen: 1.085 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU060109.D
Acq: 23 Jul 2024 12:57

Instrument :
MSVOA_U
ClientSampleId :

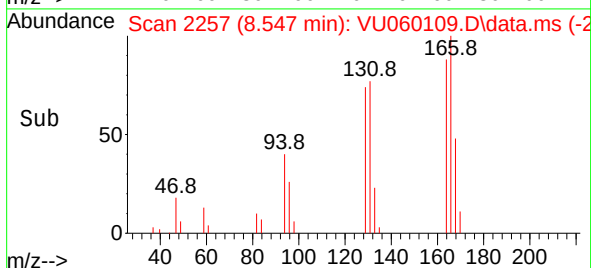
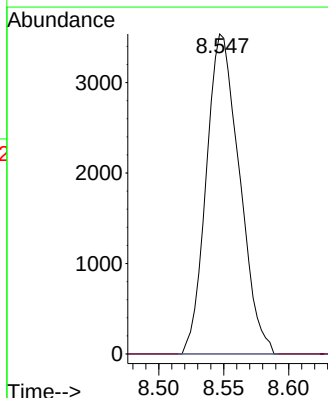
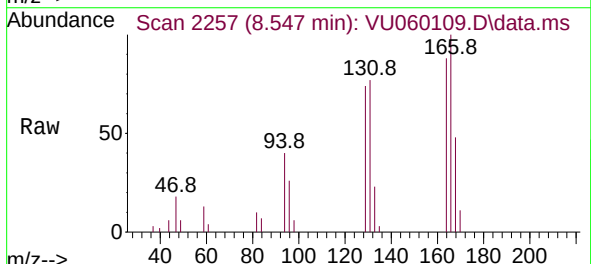


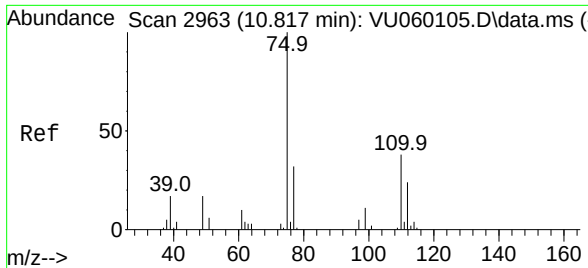
Tgt	Ion:164	Resp:	6941
Ion	Ratio	Lower	Upper
164	100		
129	83.3	64.6	120.0
131	88.4	61.2	113.8
166	124.2	88.6	164.6



#49
Dibromochloromethane
Concen: 0.943 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU060109.D
Acq: 23 Jul 2024 12:57

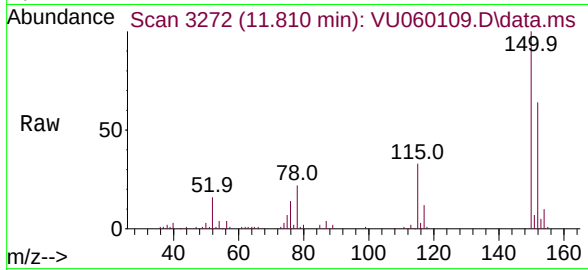
Tgt Ion:129	Resp: 6281
Ion Ratio	Lower Upper
129 100	
127 0.0	54.6 101.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.030 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU060109.D
 Acq: 23 Jul 2024 12:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	3599
Ion	Ratio	Lower	Upper
75	100		
110	0.0	30.8	46.2#
77	30.5	26.2	39.2

