

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081424\
 Data File : VU060447.D
 Acq On : 14 Aug 2024 12:41
 Operator : MD/SY
 Sample : P3501-16DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 14 17:16:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 14 01:18:59 2024
 Response via : Initial Calibration

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

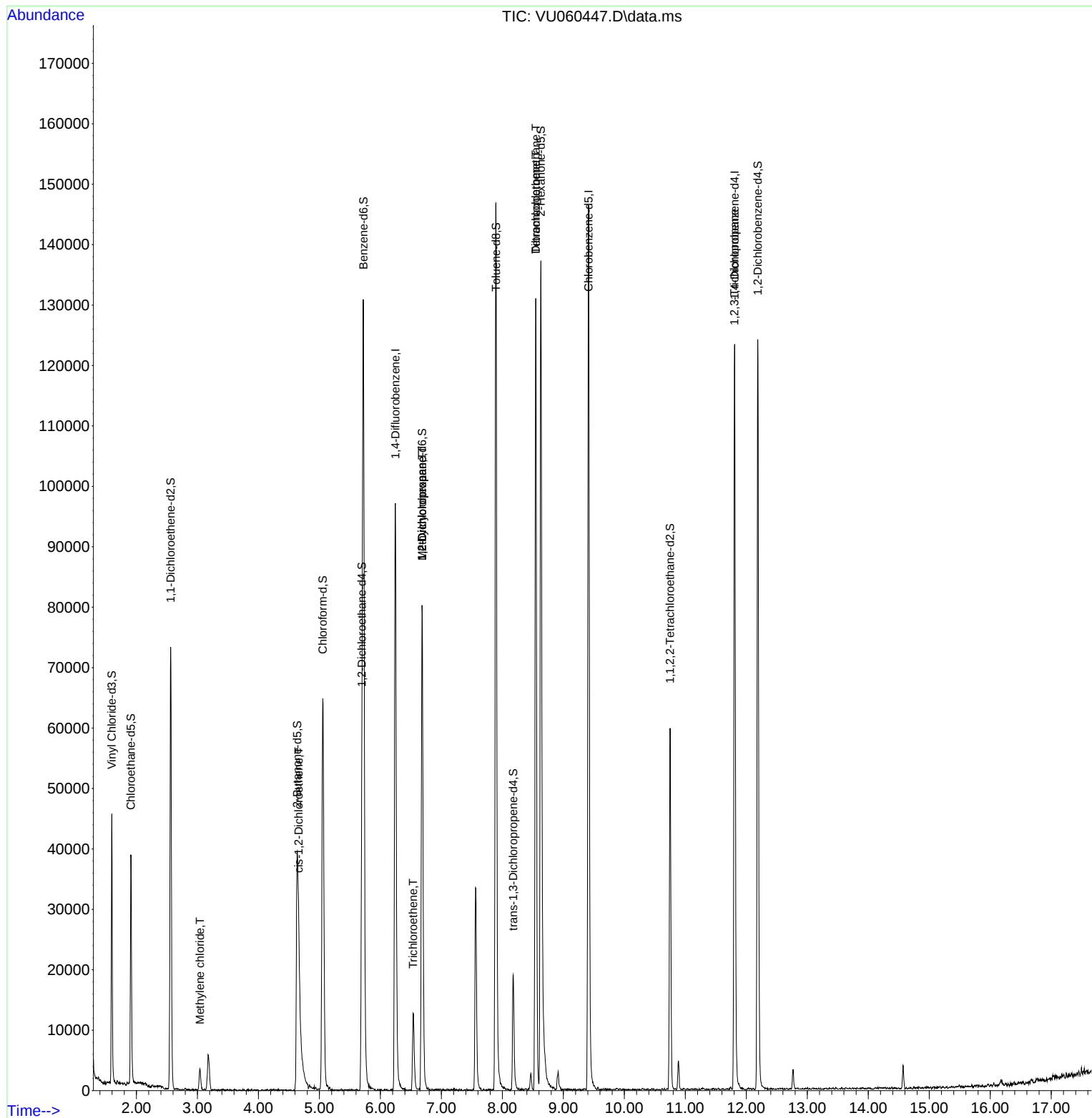
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	84846	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	90917	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	37435	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30987	4.653	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.908	69	29416	4.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.560	65	14078	4.967	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	4.634	46	66318	46.920	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.840%
24) Chloroform-d	5.055	84	66030	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.695	65	32956	5.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.721	84	126343	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.682	67	40638	4.778	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.895	98	107071	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.178	79	13159	4.786	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.631	63	51060	41.846	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.700%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	31885	4.569	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	35665	5.172	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
16) Methylene chloride	3.039	84	1834	0.231	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	2725	0.411	ug/L	94
34) Trichloroethene	6.538	95	4201	0.613	ug/L	88
35) Methylcyclohexane	6.682	83	9324	1.042	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	4339	0.609	ug/L #	88
47) Tetrachloroethene	8.547	164	30935	5.772	ug/L	98
49) Dibromochloromethane	8.547	129	30301	5.223	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	4069	1.123	ug/L #	61

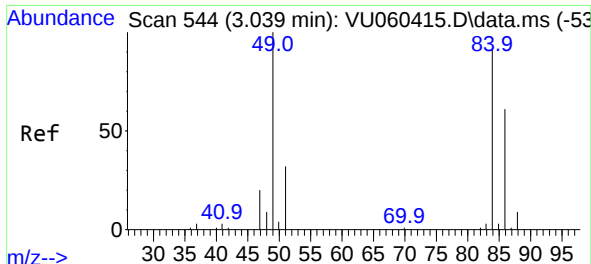
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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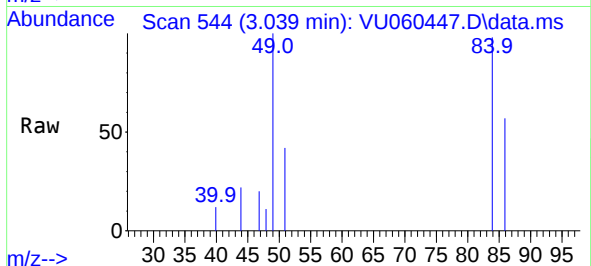
Quant Time: Aug 14 17:16:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
Quant Title : TRACE VOA SFAM1.0
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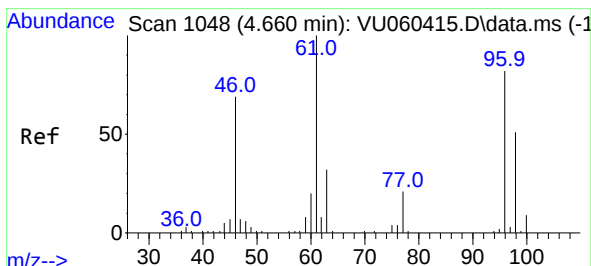
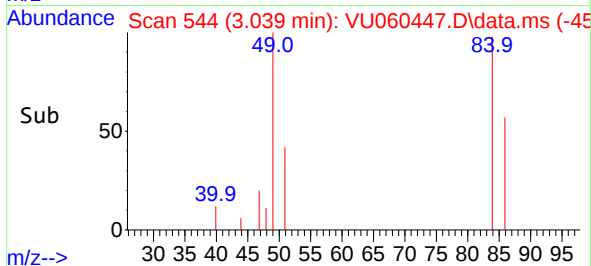
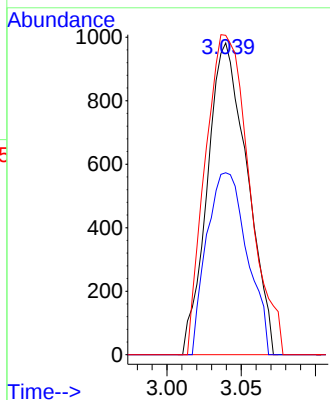
#16
Methylene chloride
Concen: 0.231 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060447.D
Acq: 14 Aug 2024 12:41

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 1834

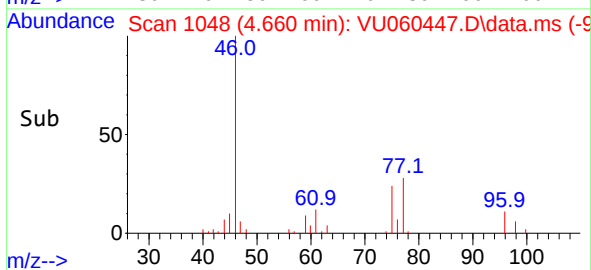
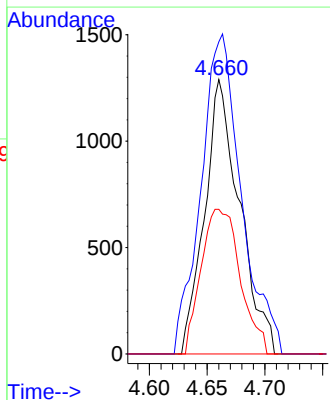
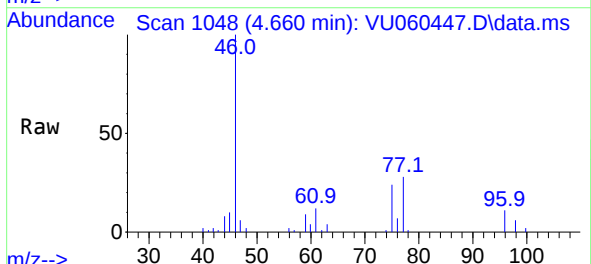
Ion	Ratio	Lower	Upper
84	100		
86	58.4	47.1	87.5
49	102.4	73.9	137.3

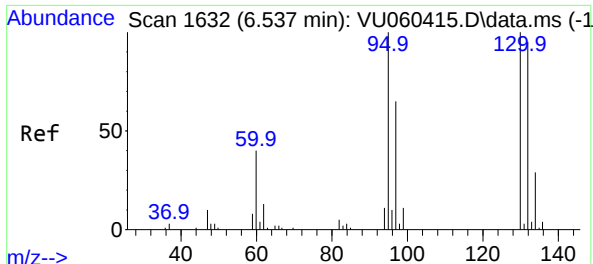


#22
cis-1,2-Dichloroethene
Concen: 0.411 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU060447.D
Acq: 14 Aug 2024 12:41

Tgt Ion: 96 Resp: 2725

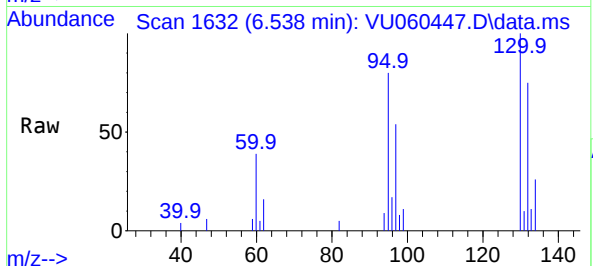
Ion	Ratio	Lower	Upper
96	100		
61	113.7	81.5	151.5
98	52.7	43.5	80.7



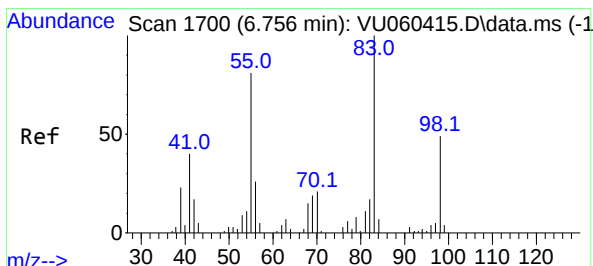
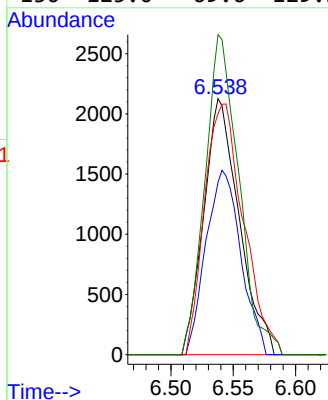
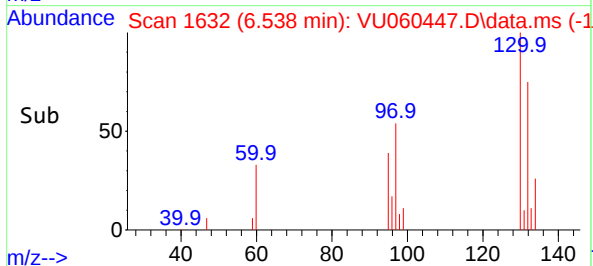


#34
Trichloroethene
Concen: 0.613 ug/L
RT: 6.538 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VU060447.D
Acq: 14 Aug 2024 12:41

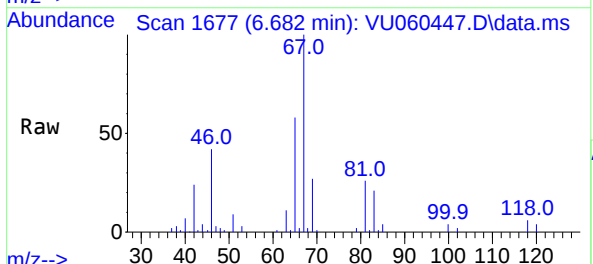
Instrument :
MSVOA_U
ClientSampleId :



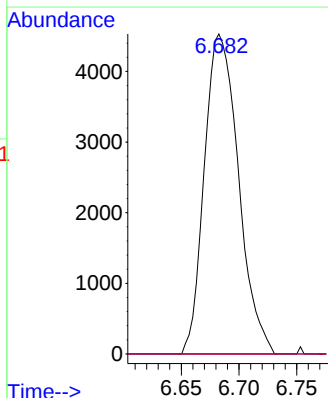
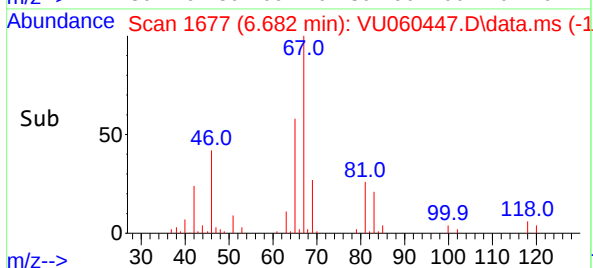
Tgt Ion: 95 Resp: 4201
Ion Ratio Lower Upper
95 100
97 67.4 43.6 81.0
132 94.1 67.1 124.5
130 125.0 69.6 129.2

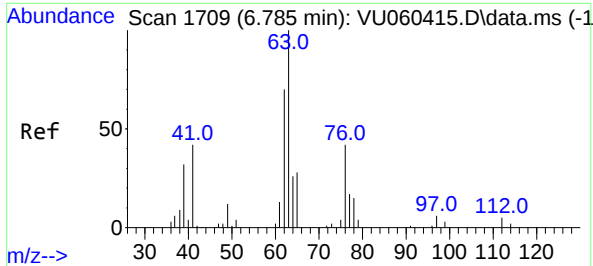


#35
Methylcyclohexane
Concen: 1.042 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060447.D
Acq: 14 Aug 2024 12:41



Tgt Ion: 83 Resp: 9324
Ion Ratio Lower Upper
83 100
55 0.0 62.4 93.6#
98 0.6 37.3 55.9#

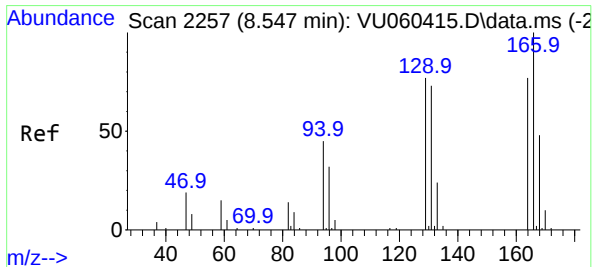
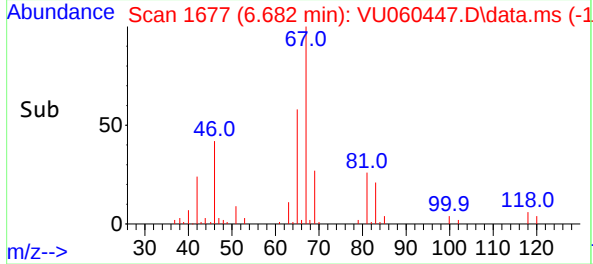
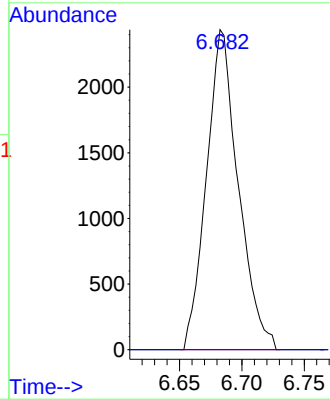
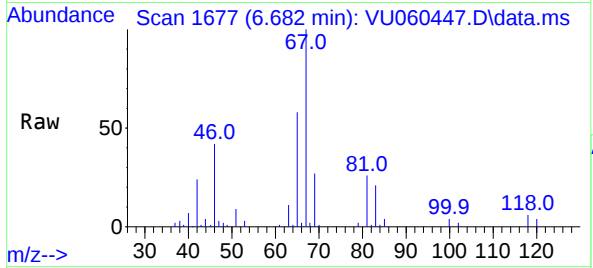




#37
1,2-Dichloropropane
Concen: 0.609 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.102 min
Lab File: VU060447.D
Acq: 14 Aug 2024 12:41

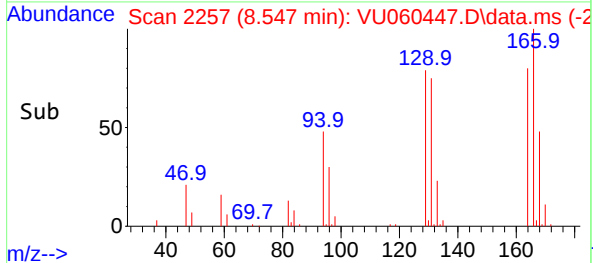
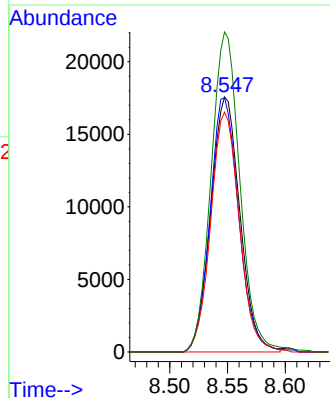
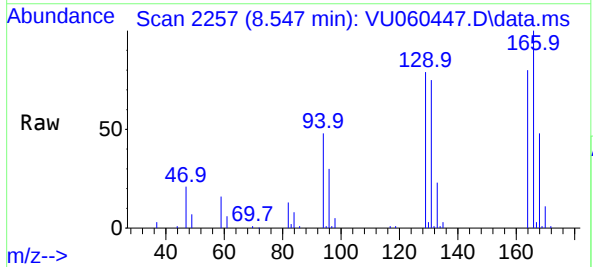
Instrument :
MSVOA_U
ClientSampleId :

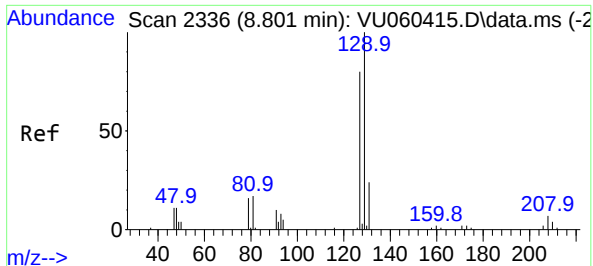
Tgt Ion: 63 Resp: 4339
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 5.772 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060447.D
Acq: 14 Aug 2024 12:41

Tgt Ion:164 Resp: 30935
Ion Ratio Lower Upper
164 100
129 99.7 69.0 128.1
131 94.1 62.6 116.3
166 125.5 89.2 165.8





#49

Dibromochloromethane

Concen: 5.223 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU060447.D

Acq: 14 Aug 2024 12:41

Instrument :

MSVOA_U

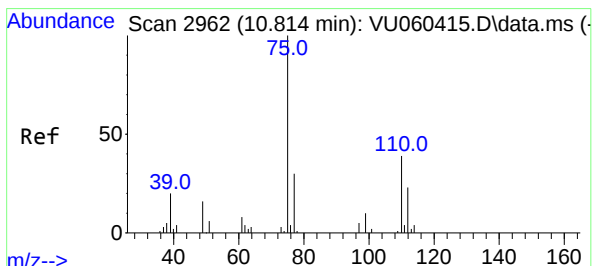
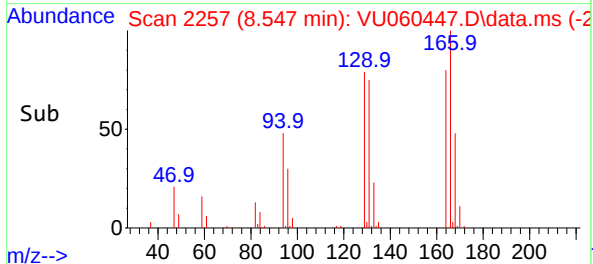
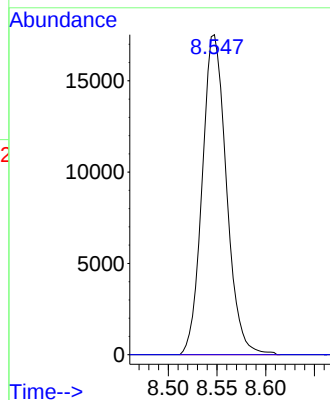
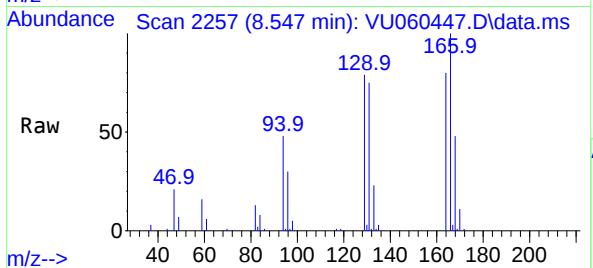
ClientSampleId :

Tgt Ion:129 Resp: 30301

Ion Ratio Lower Upper

129 100

127 0.0 51.9 96.3#



#61

1,2,3-Trichloropropane

Concen: 1.123 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.991 min

Lab File: VU060447.D

Acq: 14 Aug 2024 12:41

Tgt Ion: 75 Resp: 4069

Ion Ratio Lower Upper

75 100

110 1.6 29.9 44.9#

77 24.1 27.0 40.6#

