

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081324\
 Data File : VU060422.D
 Acq On : 13 Aug 2024 13:38
 Operator : MD/SY
 Sample : P3501-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 14 01:21:29 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)

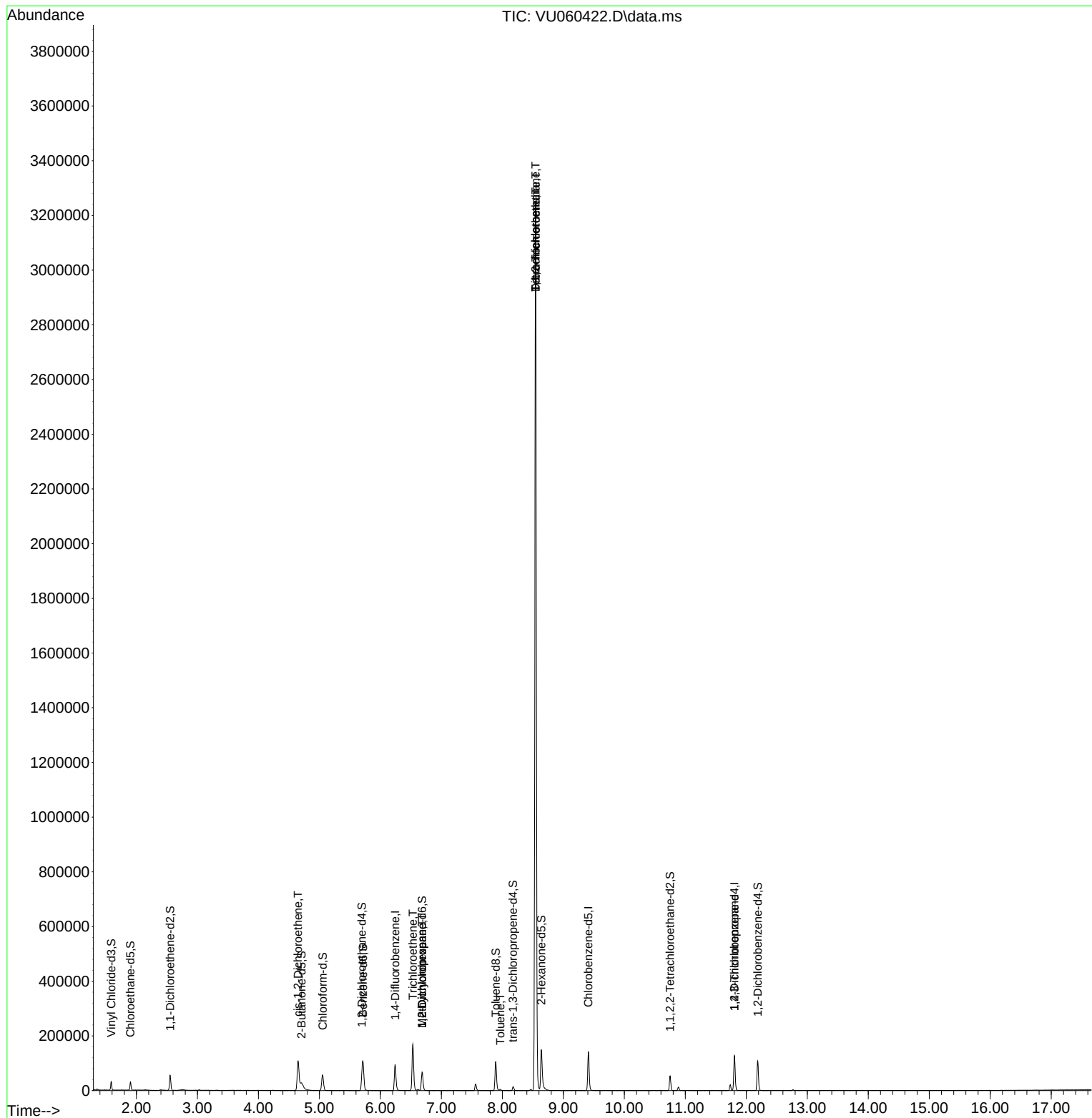
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	79656	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	83857	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38439	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.586	65	21686	3.468	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.901	69	21658	3.841	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.551	65	10250	3.852	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.705	46	67353	50.757	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.520%
24) Chloroform-d	5.052	84	55831	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.695	65	26934	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.714	84	95823	3.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	6.685	67	35414	4.514	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.891	98	74734	3.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.200%#
43) trans-1,3-Dichloroprop...	8.174	79	9480	3.738	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.637	63	55486	49.302	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.600%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	27295	4.241	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	31274	4.417	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.650	96	57821	9.296	ug/L	94
34) Trichloroethene	6.531	95	59962	9.488	ug/L	98
35) Methylcyclohexane	6.685	83	7868	0.953	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	3112	0.474	ug/L #	88
42) Toluene	7.965	91	3673	0.144	ug/L	91
45) 1,1,2-Trichloroethane	8.544	97	6042	1.201	ug/L #	1
47) Tetrachloroethene	8.544	164	733042	148.288	ug/L	98
49) Dibromochloromethane	8.544	129	710437	132.764	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	4417	1.187	ug/L #	66

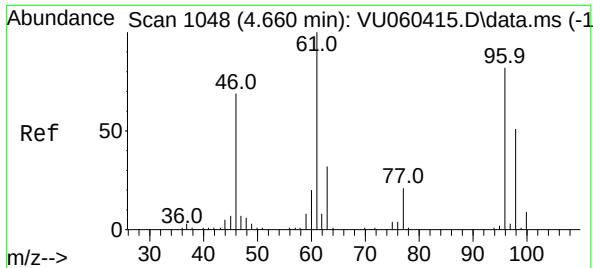
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

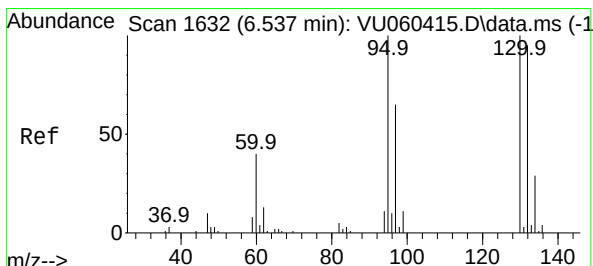
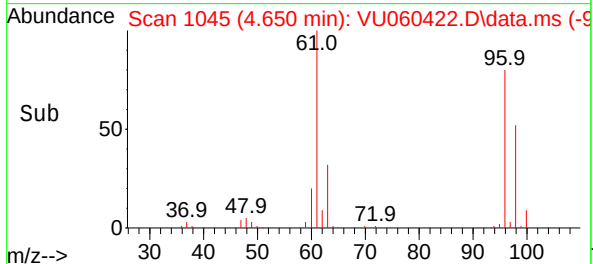
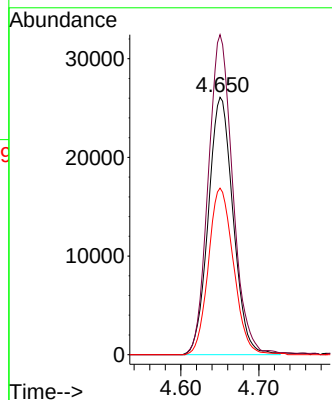
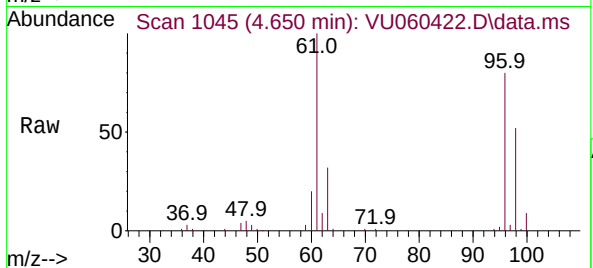




#22
cis-1,2-Dichloroethene
Concen: 9.296 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.009 min
Lab File: VU060422.D
Acq: 13 Aug 2024 13:38

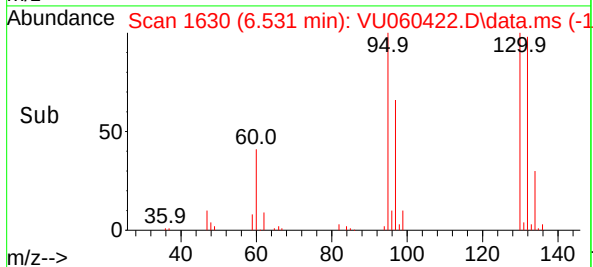
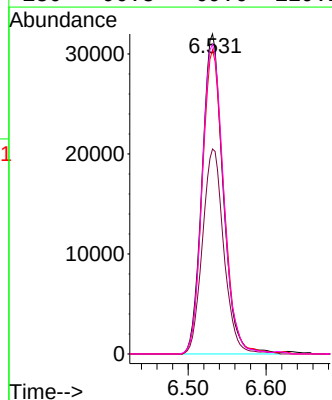
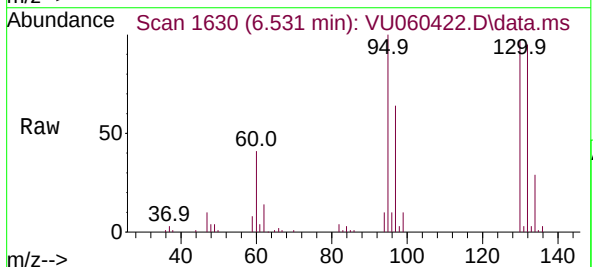
Instrument :
MSVOA_U
ClientSampleId :

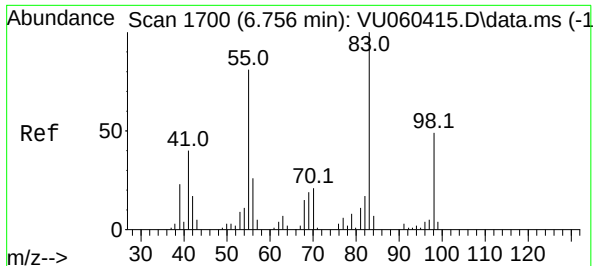
Tgt Ion: 96 Resp: 57821
Ion Ratio Lower Upper
96 100
61 124.3 81.5 151.5
98 64.7 43.5 80.7



#34
Trichloroethene
Concen: 9.488 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VU060422.D
Acq: 13 Aug 2024 13:38

Tgt Ion: 95 Resp: 59962
Ion Ratio Lower Upper
95 100
97 64.0 43.6 81.0
132 95.1 67.1 124.5
130 96.8 69.6 129.2





#35

Methylcyclohexane

Concen: 0.953 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.070 min

Lab File: VU060422.D

Acq: 13 Aug 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :

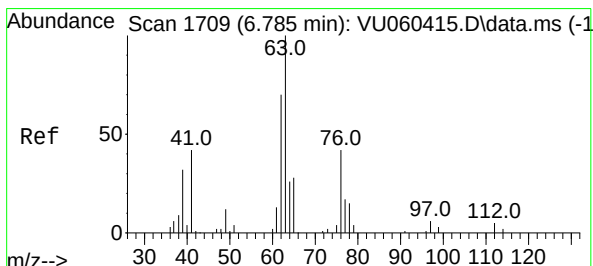
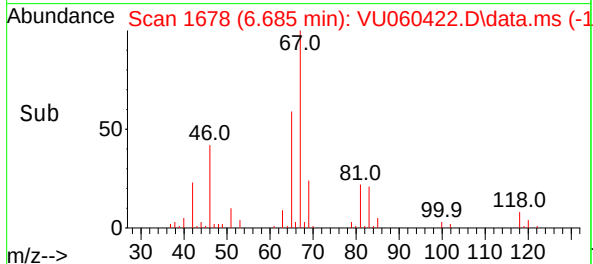
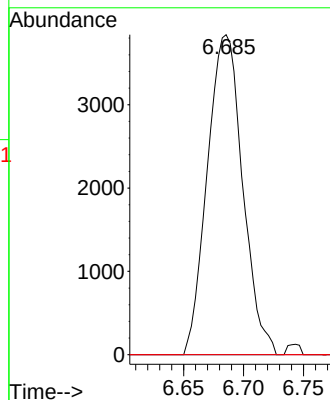
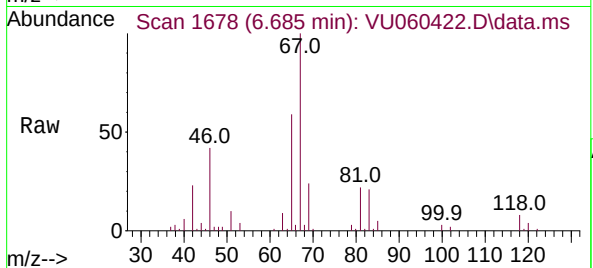
Tgt Ion: 83 Resp: 7868

Ion Ratio Lower Upper

83 100

55 0.0 62.4 93.6#

98 2.7 37.3 55.9#



#37

1,2-Dichloropropane

Concen: 0.474 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.099 min

Lab File: VU060422.D

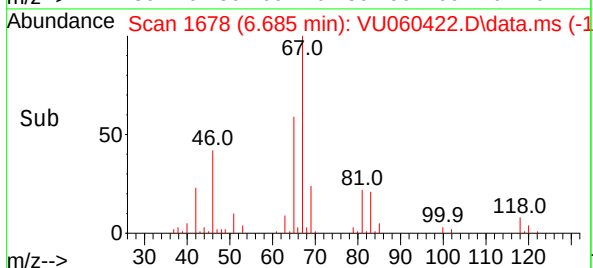
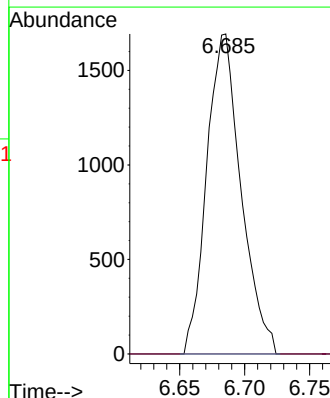
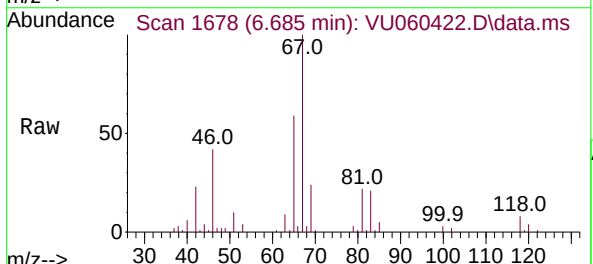
Acq: 13 Aug 2024 13:38

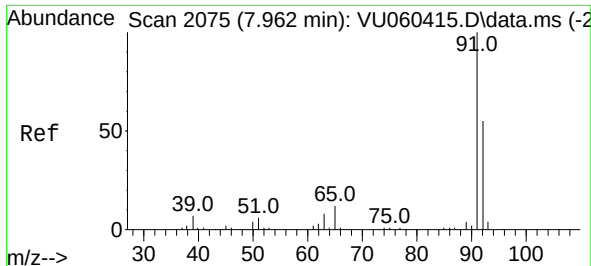
Tgt Ion: 63 Resp: 3112

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#42

Toluene

Concen: 0.144 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060422.D

Acq: 13 Aug 2024 13:38

Instrument :

MSVOA_U

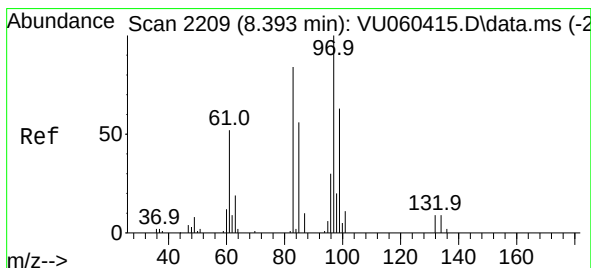
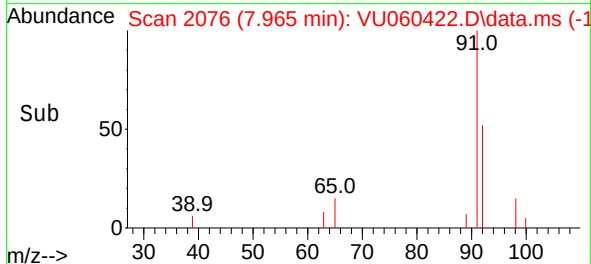
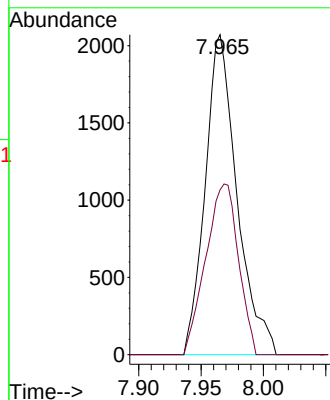
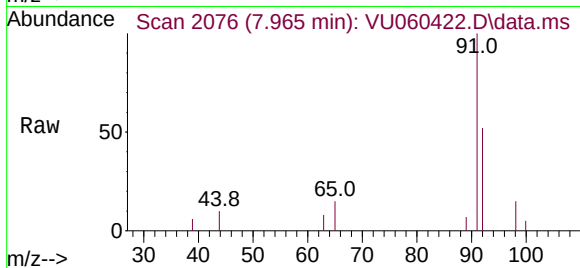
ClientSampleId :

Tgt Ion: 91 Resp: 3673

Ion Ratio Lower Upper

91 100

92 51.5 40.6 75.4



#45

1,1,2-Trichloroethane

Concen: 1.201 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.151 min

Lab File: VU060422.D

Acq: 13 Aug 2024 13:38

Tgt Ion: 97 Resp: 6042

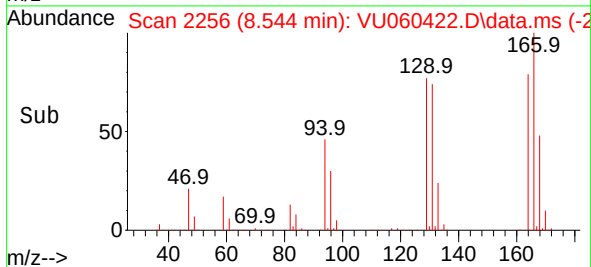
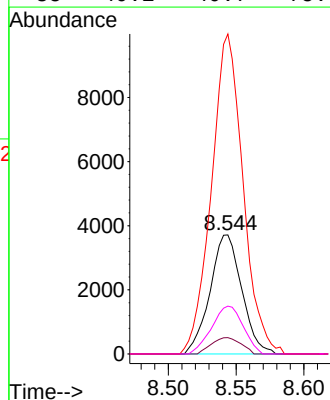
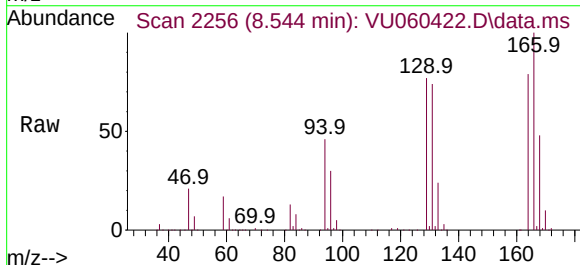
Ion Ratio Lower Upper

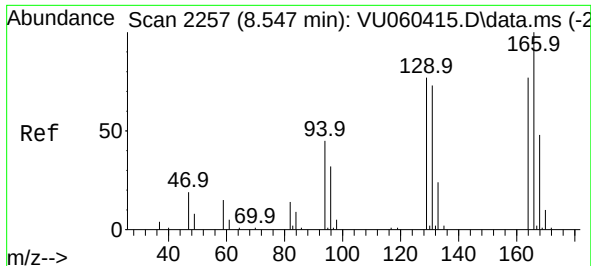
97 100

99 13.7 45.8 85.0#

83 268.7 61.7 114.5#

85 40.2 40.7 75.7#





#47

Tetrachloroethene

Concen: 148.288 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.003 min

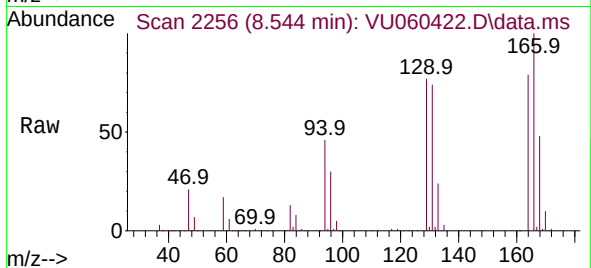
Lab File: VU060422.D

Acq: 13 Aug 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 733042

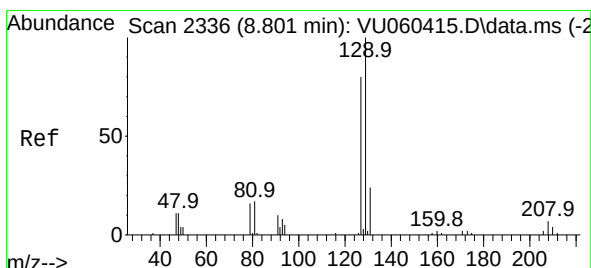
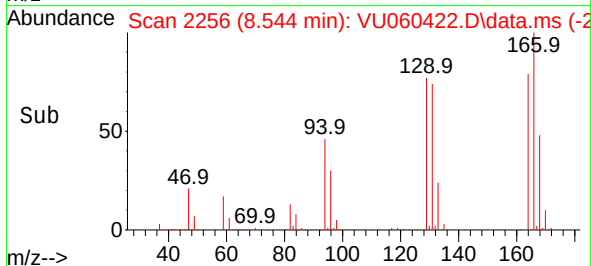
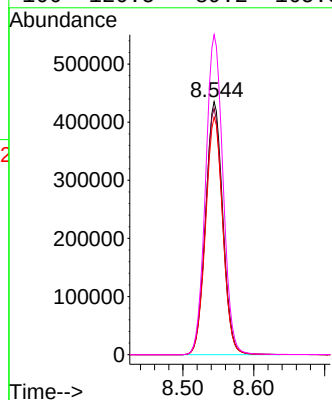
Ion Ratio Lower Upper

164 100

129 97.3 69.0 128.1

131 94.0 62.6 116.3

166 126.5 89.2 165.8



#49

Dibromochloromethane

Concen: 132.764 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU060422.D

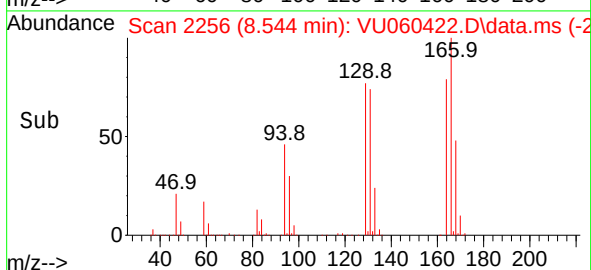
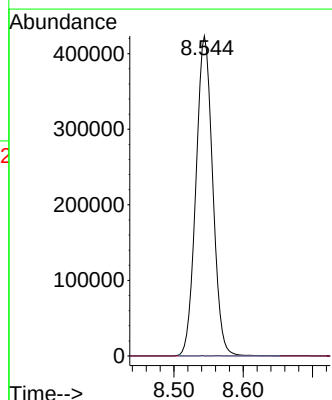
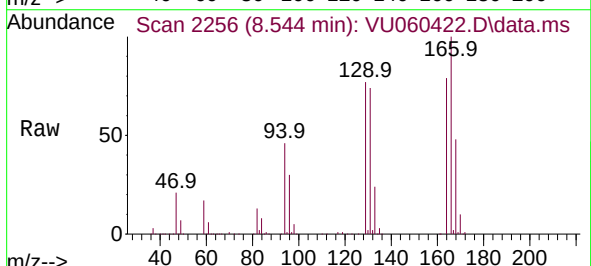
Acq: 13 Aug 2024 13:38

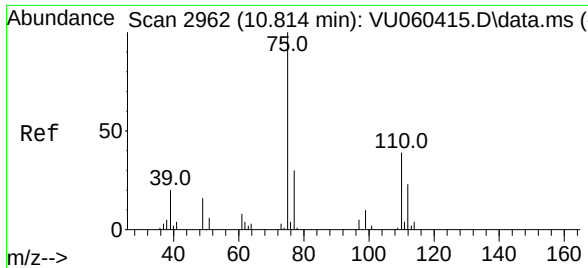
Tgt Ion:129 Resp: 710437

Ion Ratio Lower Upper

129 100

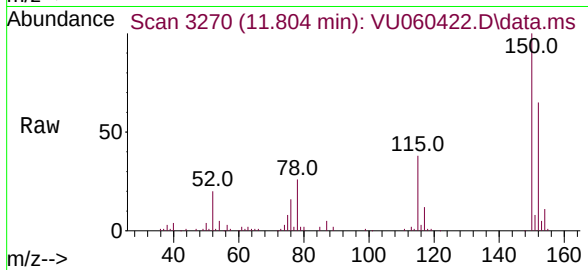
127 0.0 51.9 96.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.187 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU060422.D
 Acq: 13 Aug 2024 13:38

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	29.9	44.9#
77	32.2	27.0	40.6

