

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060114.D
 Acq On : 23 Jul 2024 14:58
 Operator : MD/SY
 Sample : P3325-02 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 24 04:22:00 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

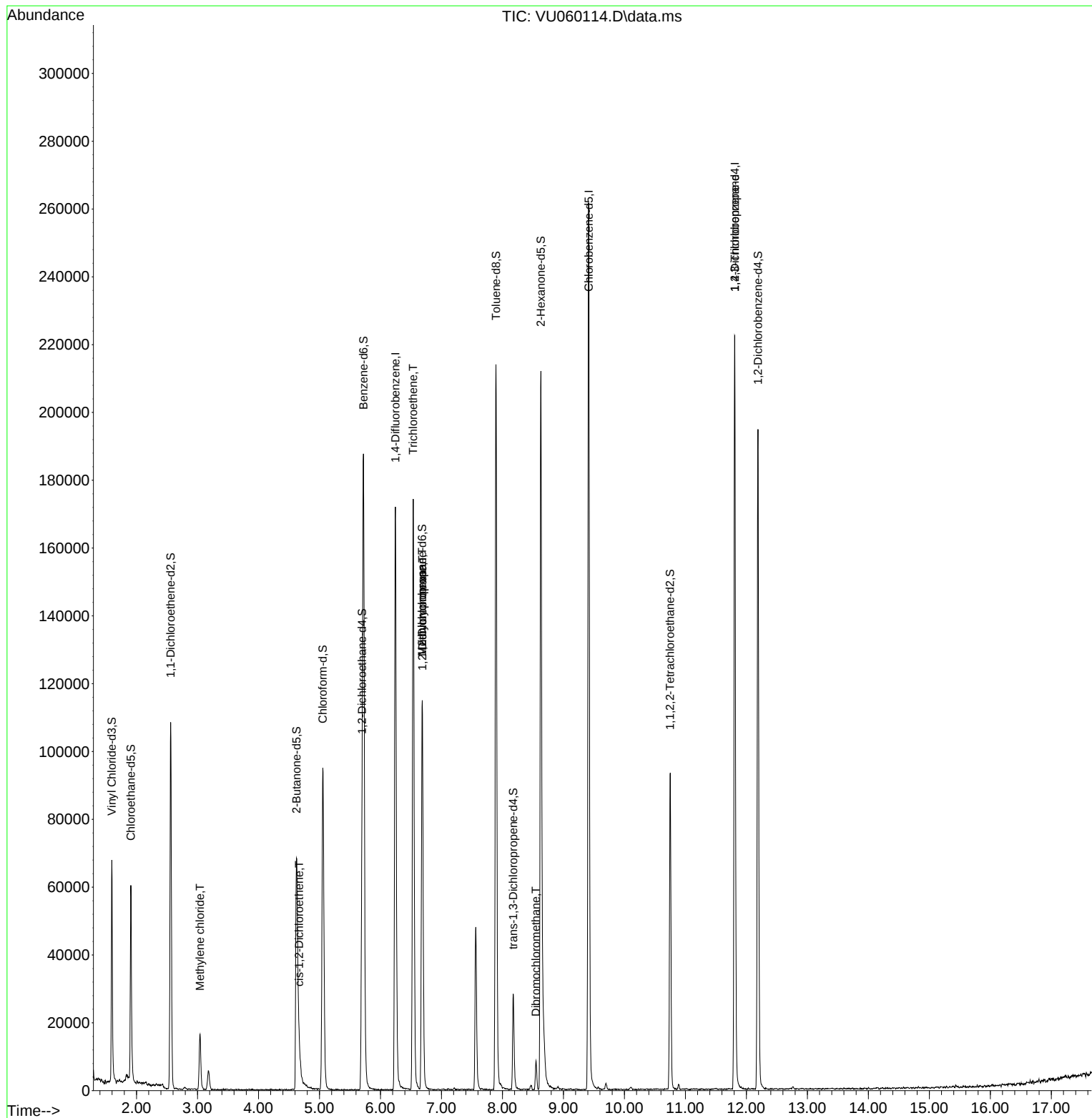
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	148898	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	162486	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	69233	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	51102	4.933	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.907	69	46056	4.785	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.560	65	19800	4.895	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	4.624	46	97983	40.454	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.900%
24) Chloroform-d	5.055	84	91669	4.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.698	65	45732	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.721	84	187715	4.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.685	67	59783	4.310	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.894	98	158556	4.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.177	79	17911	3.793	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.631	63	73869	35.252	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.500%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	49141	3.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	59315	4.746	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	9335	0.670	ug/L	97
22) cis-1,2-Dichloroethene	4.666	96	1729	0.131	ug/L	85
34) Trichloroethene	6.537	95	61645	4.330	ug/L	98
35) Methylcyclohexane	6.685	83	14186	0.760	ug/L #	22
37) 1,2-Dichloropropane	6.689	63	5776	0.398	ug/L #	88
49) Dibromochloromethane	8.550	129	1873	0.153	ug/L #	10
61) 1,2,3-Trichloropropane	11.811	75	7063	0.968	ug/L #	63

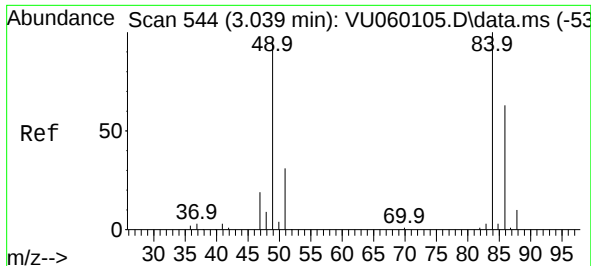
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.670 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

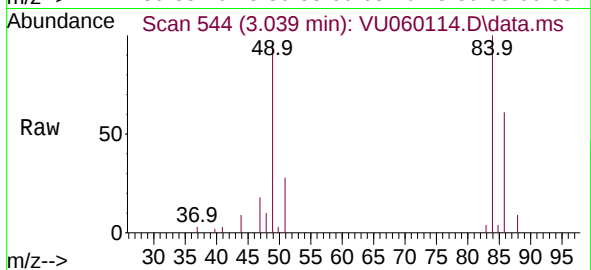
Lab File: VU060114.D

Acq: 23 Jul 2024 14:58

Instrument :

MSVOA_U

ClientSampleId :



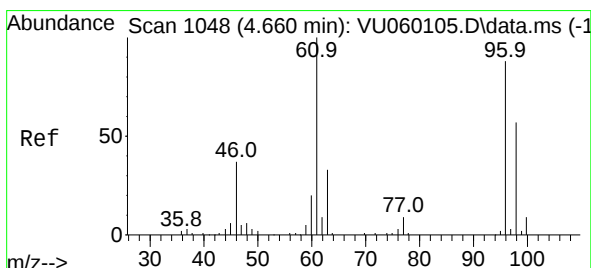
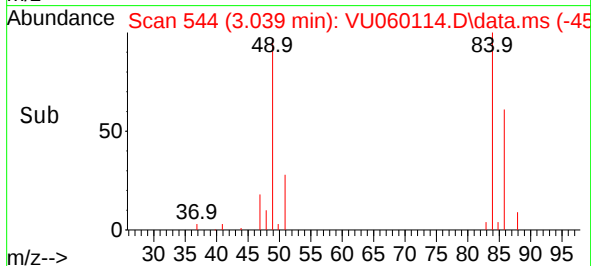
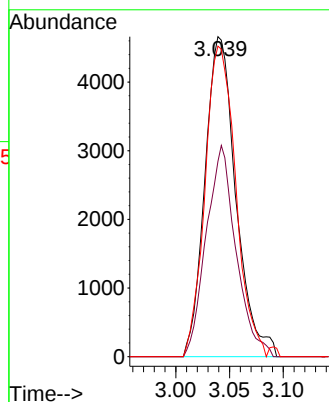
Tgt Ion: 84 Resp: 9335

Ion Ratio Lower Upper

84 100

86 61.0 44.4 82.5

49 100.4 72.0 133.6



#22

cis-1,2-Dichloroethene

Concen: 0.131 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VU060114.D

Acq: 23 Jul 2024 14:58

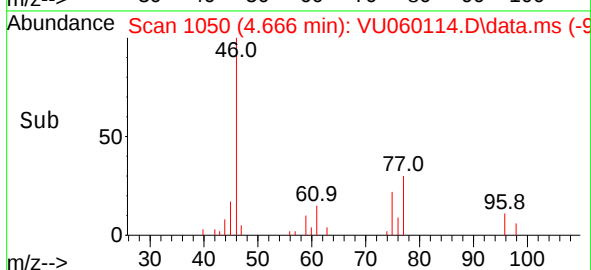
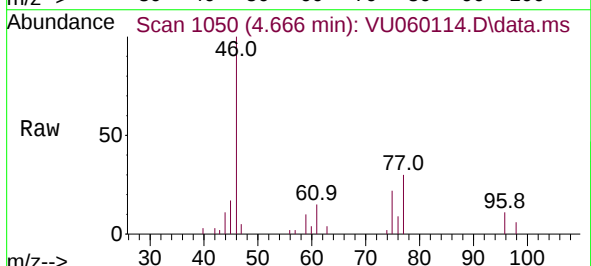
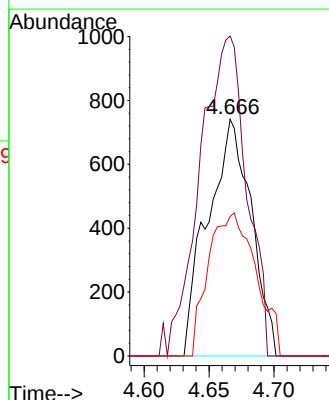
Tgt Ion: 96 Resp: 1729

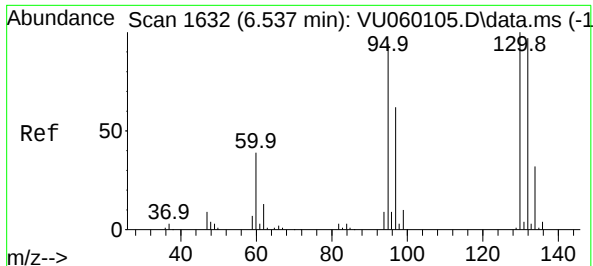
Ion Ratio Lower Upper

96 100

61 135.2 80.2 148.9

98 59.0 44.7 83.1





#34

Trichloroethene

Concen: 4.330 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060114.D

Acq: 23 Jul 2024 14:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 61645

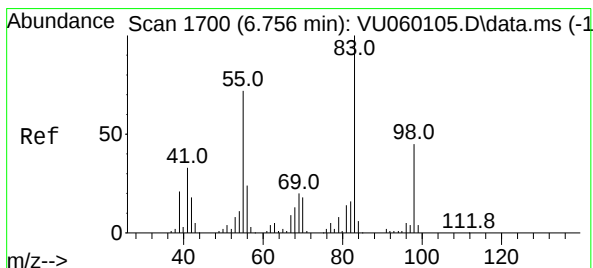
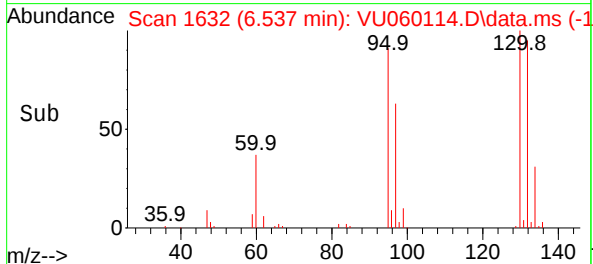
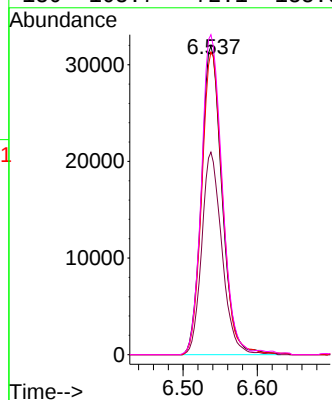
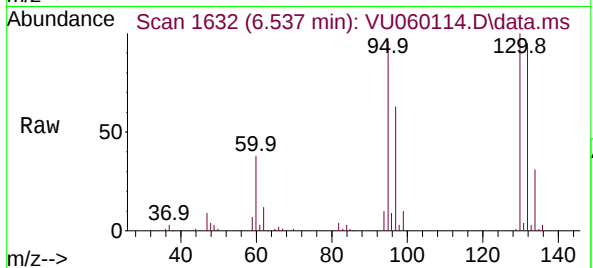
Ion Ratio Lower Upper

95 100

97 65.6 45.9 85.3

132 98.1 71.4 132.6

130 103.7 72.1 133.9



#35

Methylcyclohexane

Concen: 0.760 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU060114.D

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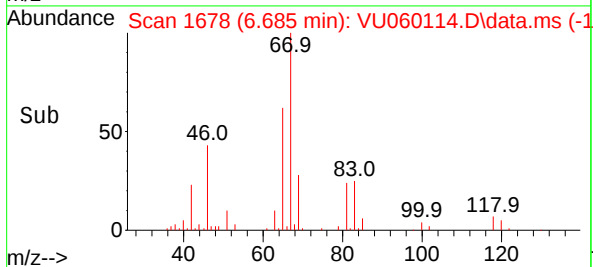
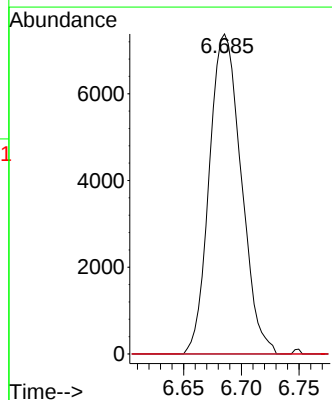
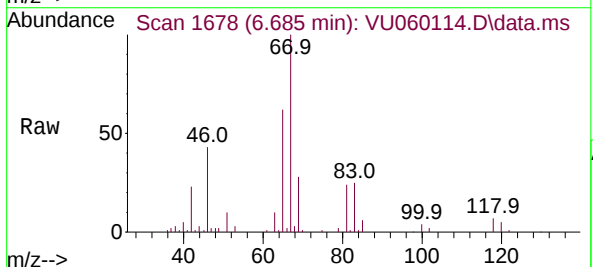
Tgt Ion: 83 Resp: 14186

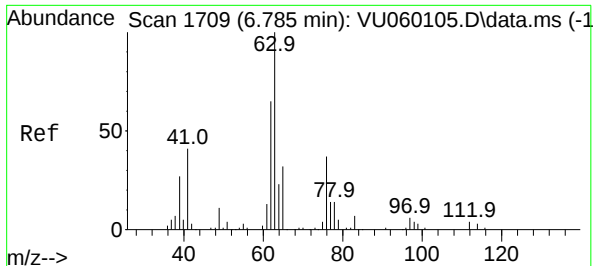
Ion Ratio Lower Upper

83 100

55 0.0 56.7 85.1#

98 2.1 36.6 55.0#

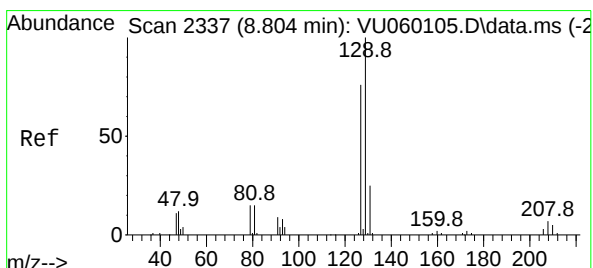
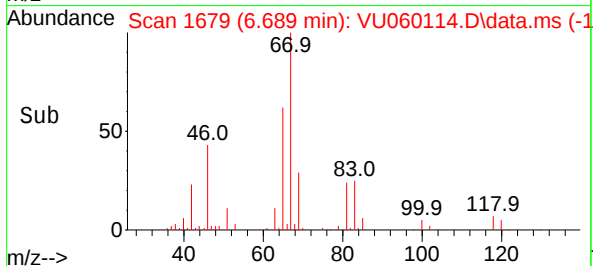
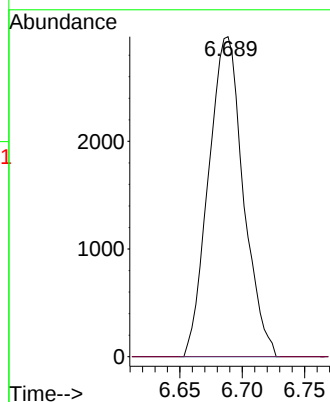
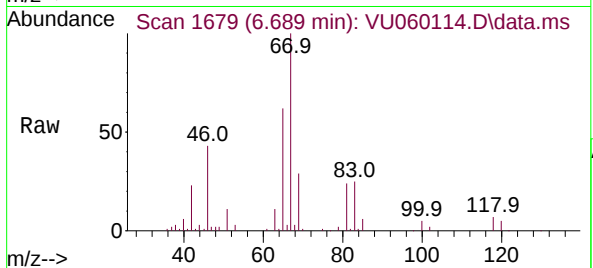




#37
1,2-Dichloropropane
Concen: 0.398 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU060114.D
Acq: 23 Jul 2024 14:58

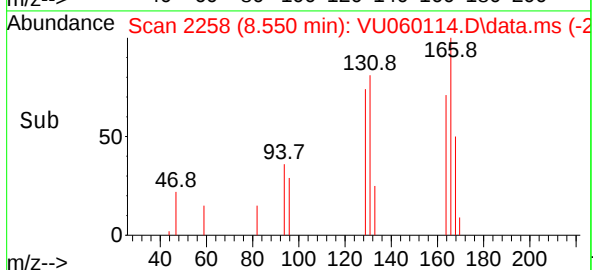
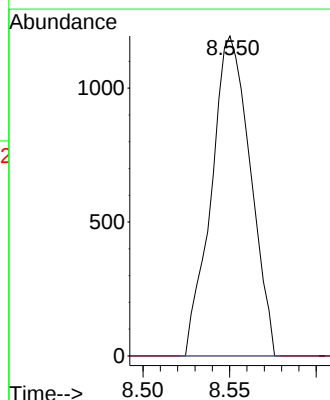
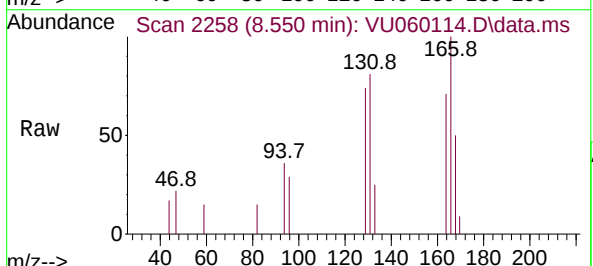
Instrument :
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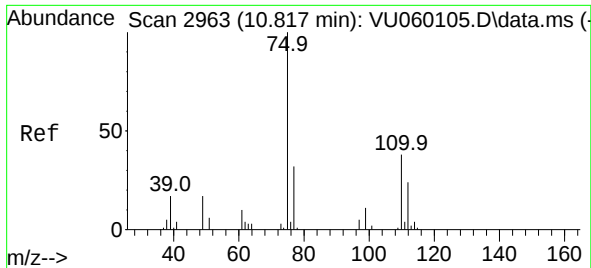
Tgt Ion: 63 Resp: 5776
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#49
Dibromochloromethane
Concen: 0.153 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU060114.D
Acq: 23 Jul 2024 14:58

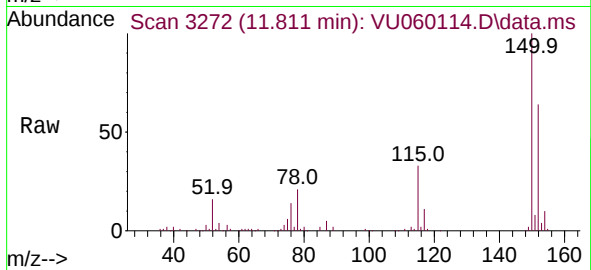
Tgt Ion: 129 Resp: 1873
Ion Ratio Lower Upper
129 100
127 0.0 54.6 101.4#





#61
1,2,3-Trichloropropane
Concen: 0.968 ug/L
RT: 11.811 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU060114.D
Acq: 23 Jul 2024 14:58

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.3	30.8	46.2#
77	29.1	26.2	39.2

