

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
 Data File : VU058015.D
 Acq On : 08 Mar 2024 14:21
 Operator : MD/SY
 Sample : P1636-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 09 00:13:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 09 00:10:03 2024
 Response via : Initial Calibration

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

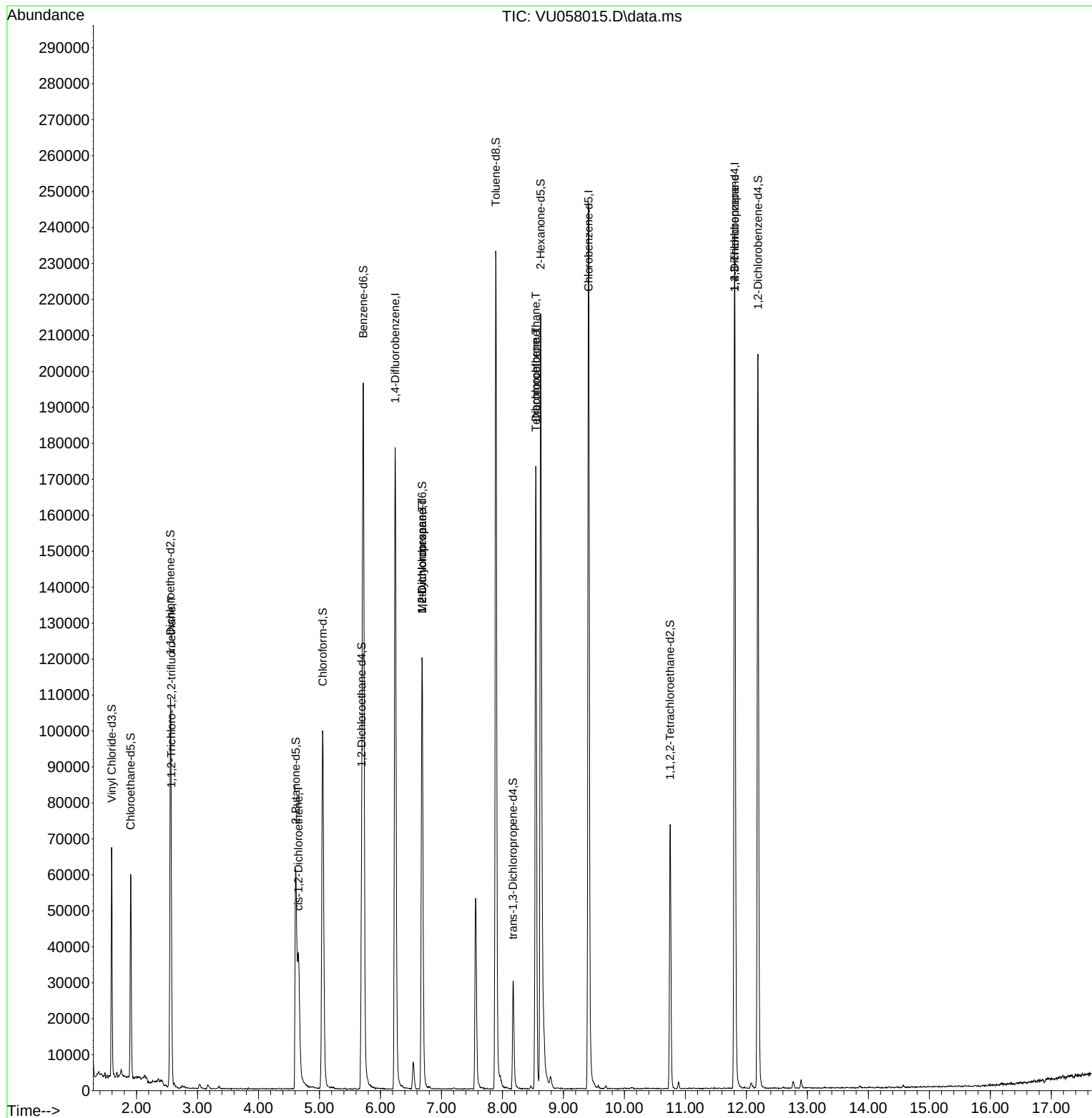
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	146677	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	139680	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62534	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	44131	4.182	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.904	69	39359	4.538	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.557	65	19669	4.307	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.612	46	98330	56.550	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.100%
24) Chloroform-d	5.052	84	94104	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.692	65	45661	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.718	84	185740	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.682	67	60543	4.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.891	98	158060	4.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.174	79	18537	4.356	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.627	63	81561	57.087	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.180%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	38188	5.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	51807	5.030	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	5112	0.513	ug/L	88
22) cis-1,2-Dichloroethene	4.657	96	15461	1.458	ug/L	97
35) Methylcyclohexane	6.682	83	13167	0.762	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6354	0.575	ug/L #	89
47) Tetrachloroethene	8.550	164	35603	4.550	ug/L	98
49) Dibromochloromethane	8.547	129	37406	4.822	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	8945	1.746	ug/L #	69

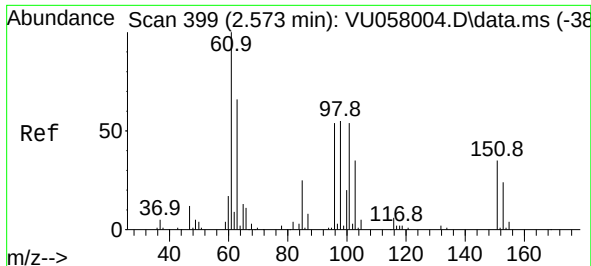
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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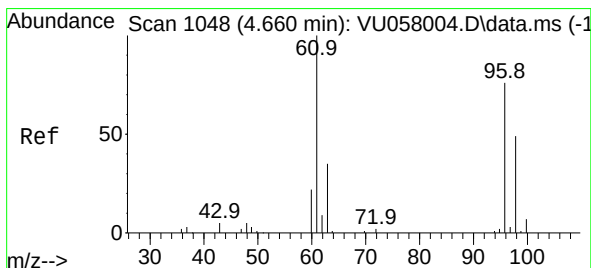
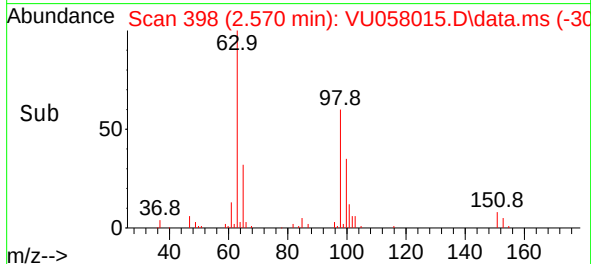
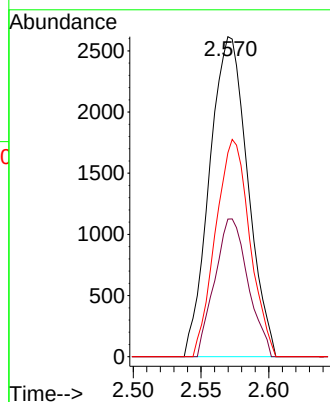
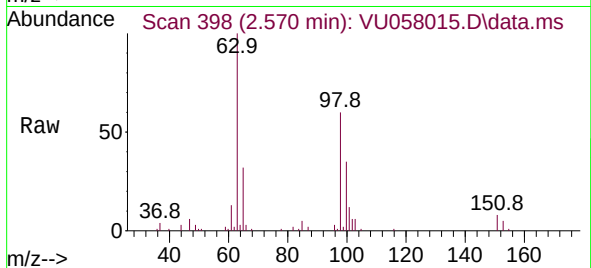




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.513 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU058015.D
Acq: 08 Mar 2024 14:21

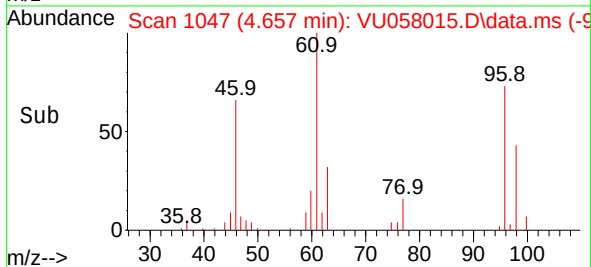
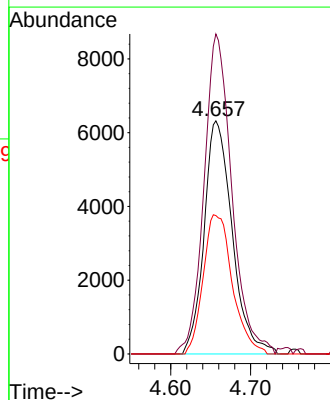
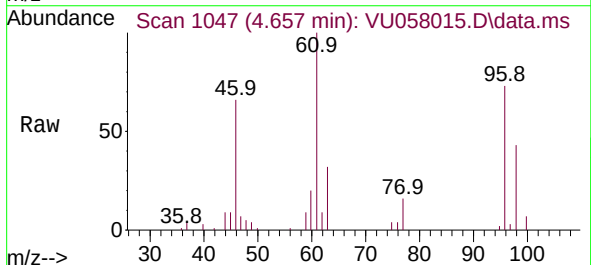
Instrument :
MSVOA_U
ClientSampleId :

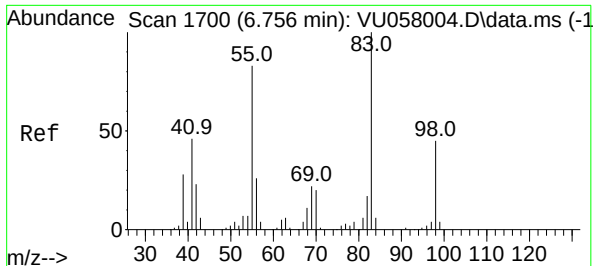
Tgt Ion:101 Resp: 5112
Ion Ratio Lower Upper
101 100
85 37.5 37.3 55.9
151 61.0 56.0 84.0



#22
cis-1,2-Dichloroethene
Concen: 1.458 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU058015.D
Acq: 08 Mar 2024 14:21

Tgt Ion: 96 Resp: 15461
Ion Ratio Lower Upper
96 100
61 137.3 97.2 180.4
98 59.4 45.5 84.5





#35

Methylcyclohexane

Concen: 0.762 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058015.D

Acq: 08 Mar 2024 14:21

Instrument :

MSVOA_U

ClientSampleId :

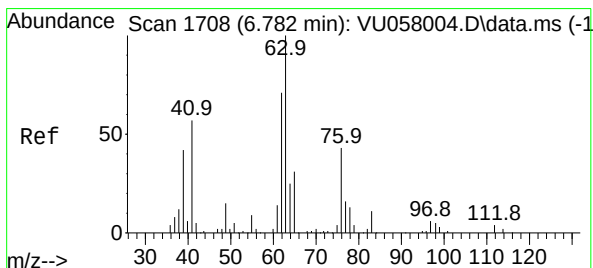
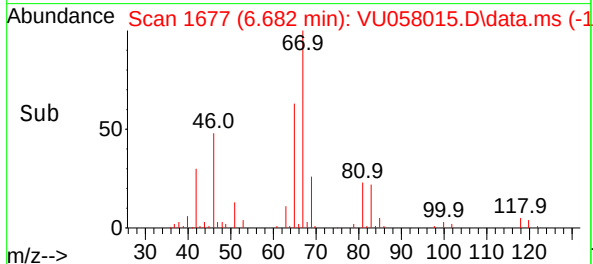
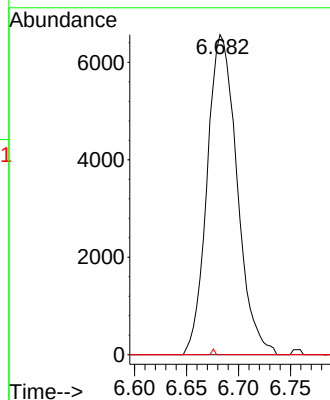
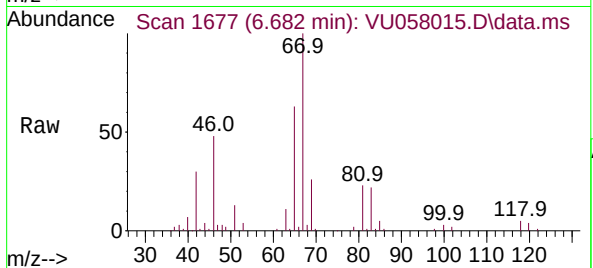
Tgt Ion: 83 Resp: 13167

Ion Ratio Lower Upper

83 100

55 0.0 63.0 94.6#

98 0.2 36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.575 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058015.D

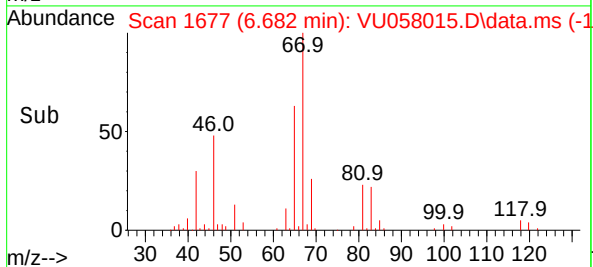
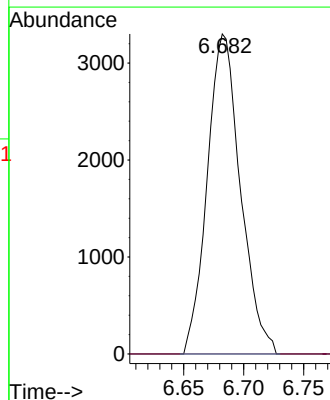
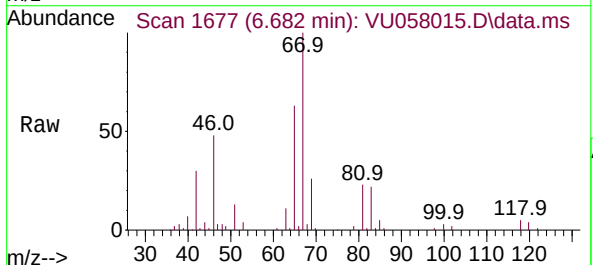
Acq: 08 Mar 2024 14:21

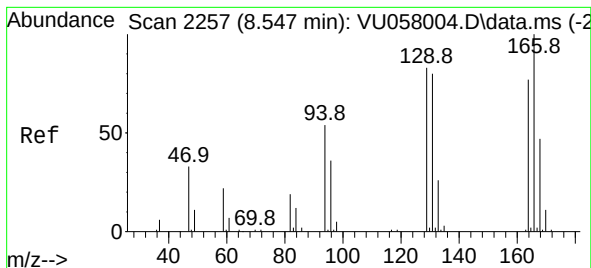
Tgt Ion: 63 Resp: 6354

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#47

Tetrachloroethene

Concen: 4.550 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

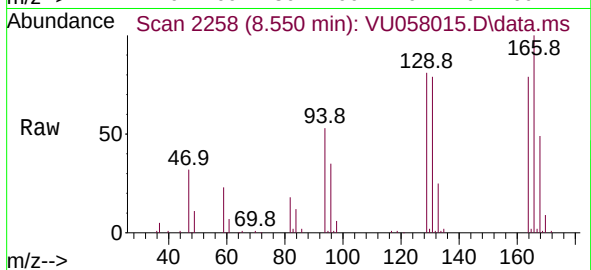
Lab File: VU058015.D

Acq: 08 Mar 2024 14:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 35603

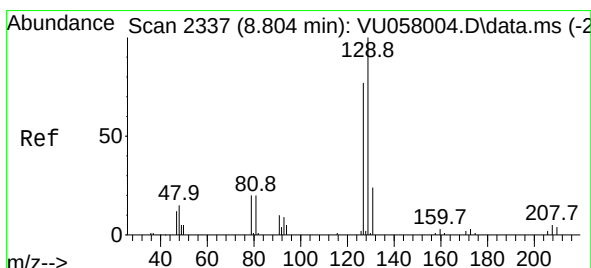
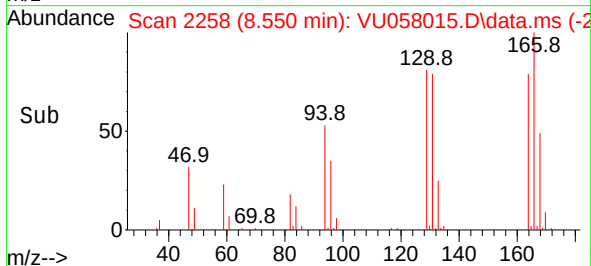
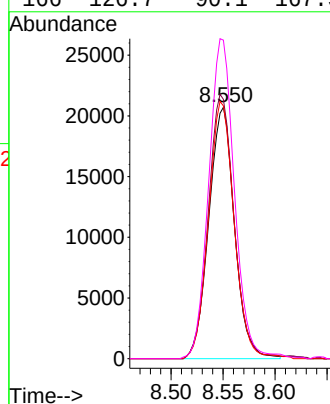
Ion Ratio Lower Upper

164 100

129 103.1 69.3 128.7

131 100.5 69.9 129.9

166 126.7 90.1 167.3



#49

Dibromochloromethane

Concen: 4.822 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU058015.D

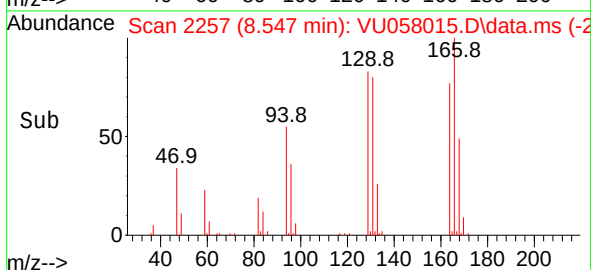
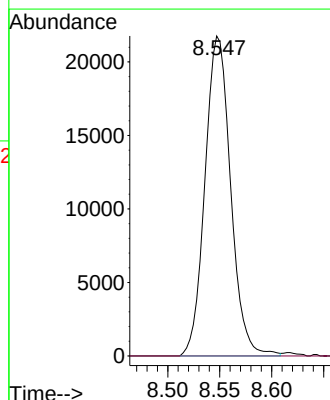
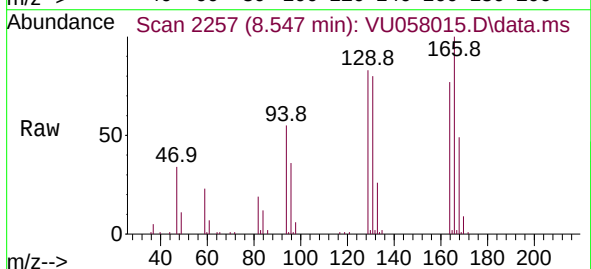
Acq: 08 Mar 2024 14:21

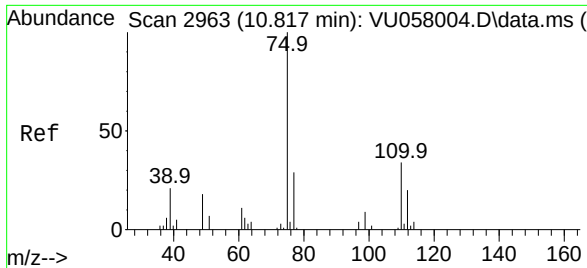
Tgt Ion:129 Resp: 37406

Ion Ratio Lower Upper

129 100

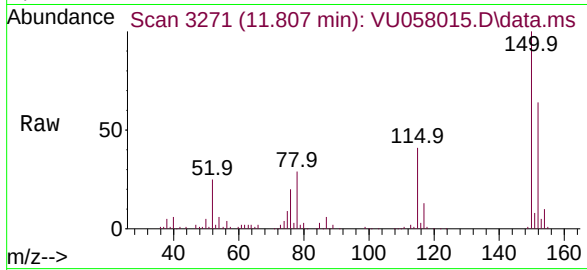
127 0.0 55.2 102.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.746 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU058015.D
 Acq: 08 Mar 2024 14:21

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8945
 Ion Ratio Lower Upper
 75 100
 110 1.8 28.0 42.0#
 77 31.9 24.7 37.1

