

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058636.D
 Acq On : 12 Apr 2024 02:38
 Operator : MD/SY
 Sample : P2055-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COBN7

Quant Time: Apr 12 05:02:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 04:41:05 2024
 Response via : Initial Calibration

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

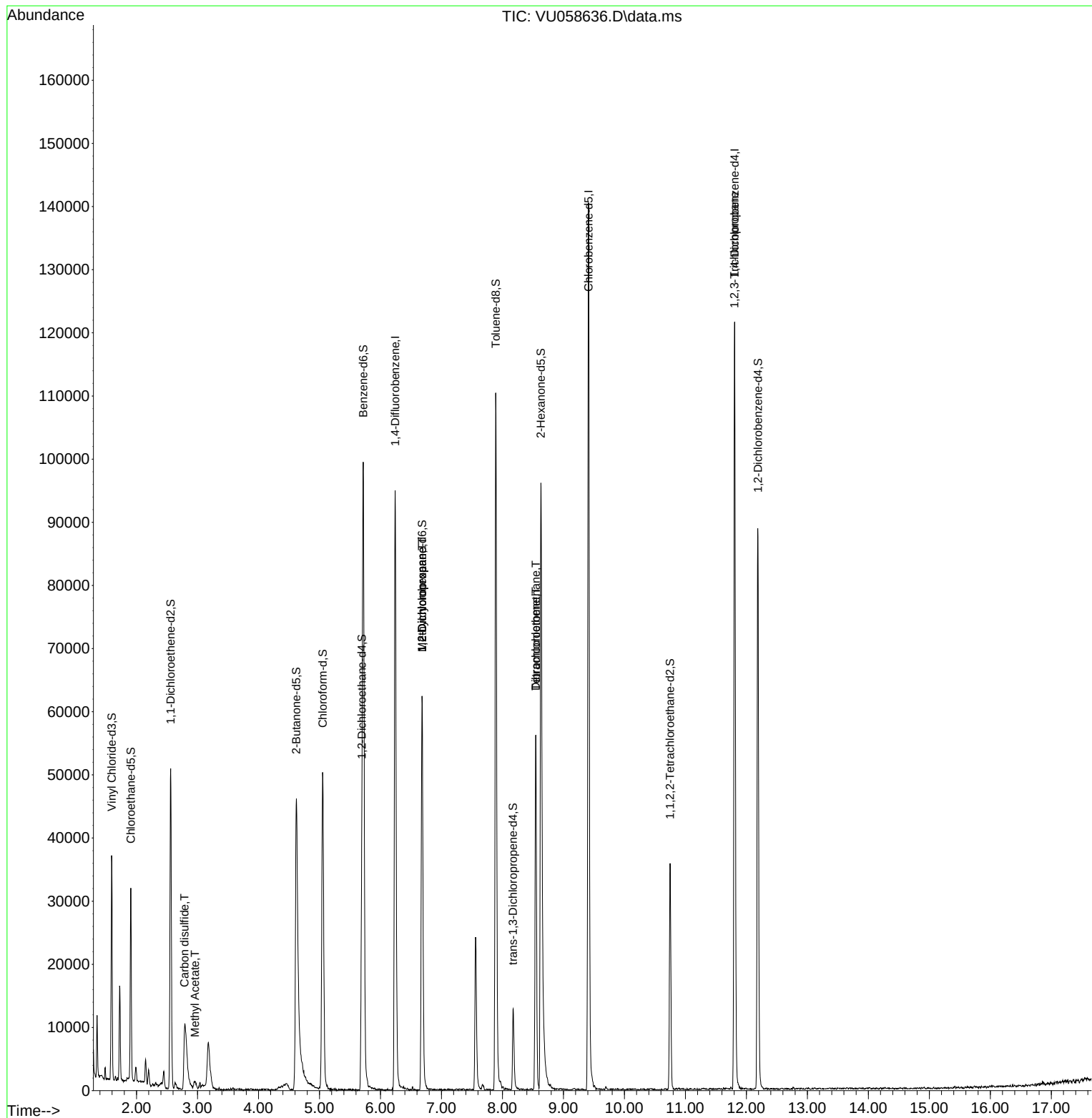
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	74746	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	73653	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31451	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19880	4.017	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.907	69	20028	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.560	65	9673	4.319	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.621	46	51884	49.751	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.500%
24) Chloroform-d	5.052	84	46609	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.695	65	23350	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.717	84	89977	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.682	67	29809	4.794	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.891	98	73589	4.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.174	79	8075	4.183	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.631	63	33196	41.695	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.380%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19044	4.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	23076	4.356	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.785	76	4190	0.249	ug/L	100
15) Methyl Acetate	2.959	43	2189	1.042	ug/L #	67
35) Methylcyclohexane	6.682	83	6606	0.652	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3321	0.473	ug/L #	90
47) Tetrachloroethene	8.547	164	11801	2.392	ug/L	96
49) Dibromochloromethane	8.547	129	11671	2.461	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	4633	1.444	ug/L #	69

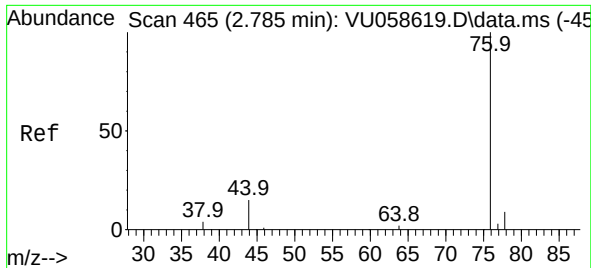
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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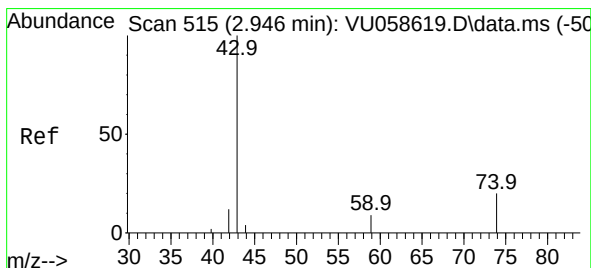
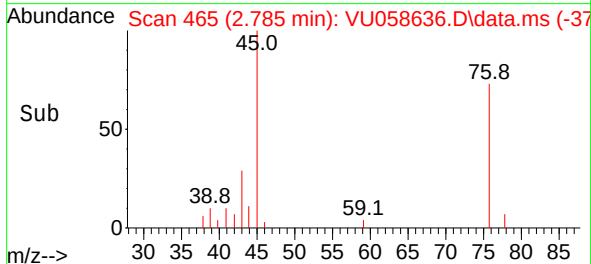
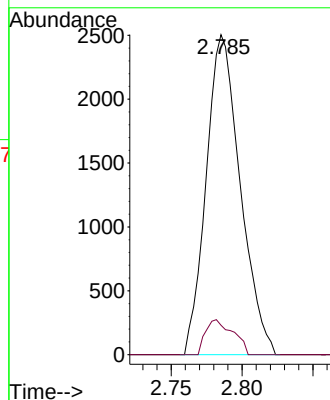
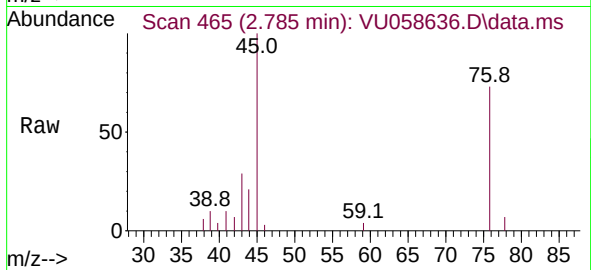




#14
Carbon disulfide
Concen: 0.249 ug/L
RT: 2.785 min Scan# 4190
Delta R.T. -0.000 min
Lab File: VU058636.D
Acq: 12 Apr 2024 02:38

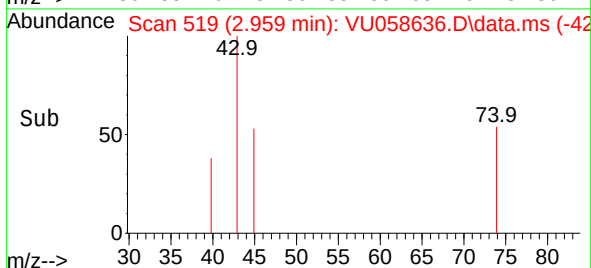
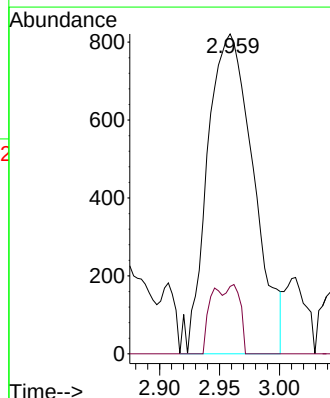
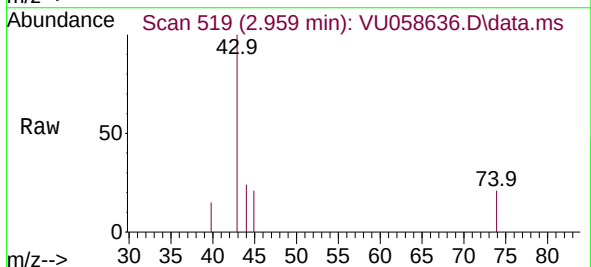
Instrument :
MSVOA_U
ClientSampleId :
COBN7

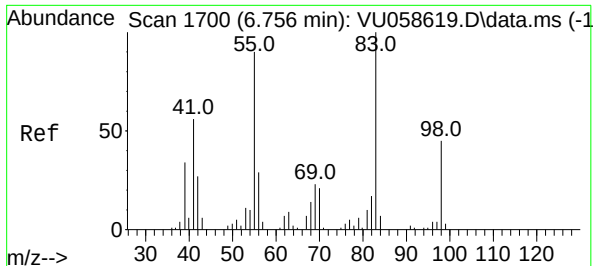
Tgt Ion: 76 Resp: 4190
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#15
Methyl Acetate
Concen: 1.042 ug/L
RT: 2.959 min Scan# 519
Delta R.T. 0.013 min
Lab File: VU058636.D
Acq: 12 Apr 2024 02:38

Tgt Ion: 43 Resp: 2189
Ion Ratio Lower Upper
43 100
74 5.5 16.6 25.0#





#35

Methylcyclohexane

Concen: 0.652 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058636.D

Acq: 12 Apr 2024 02:38

Instrument :

MSVOA_U

ClientSampleId :

C0BN7

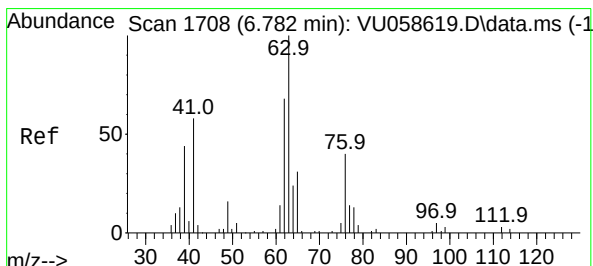
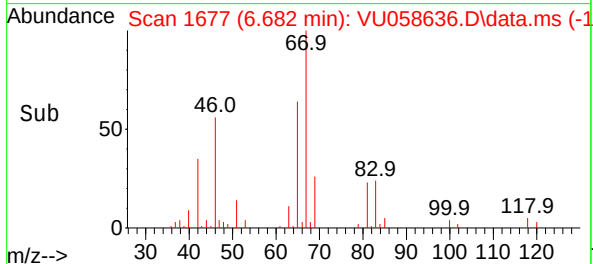
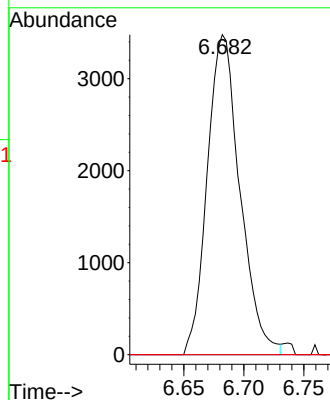
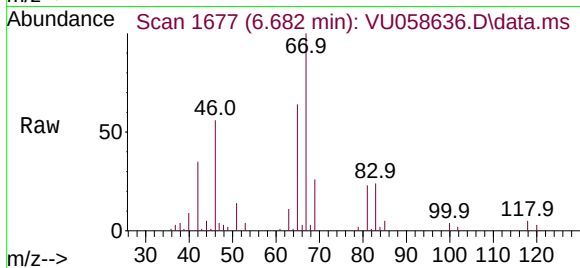
Tgt Ion: 83 Resp: 6606

Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.473 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058636.D

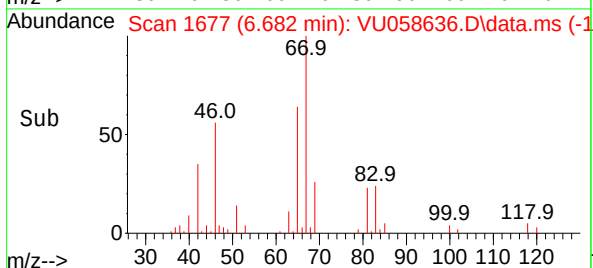
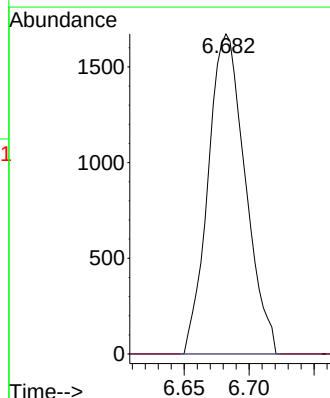
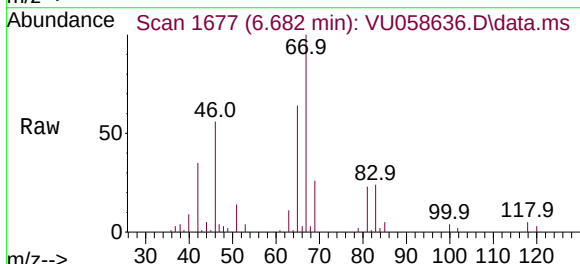
Acq: 12 Apr 2024 02:38

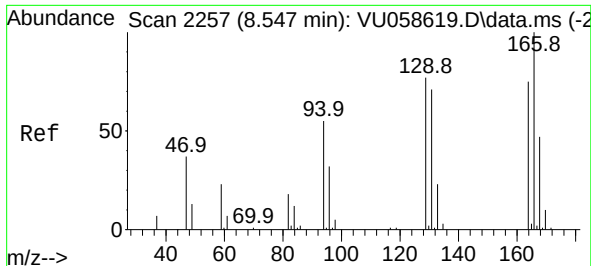
Tgt Ion: 63 Resp: 3321

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#47

Tetrachloroethene

Concen: 2.392 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU058636.D

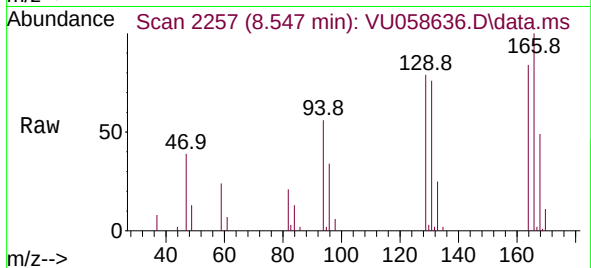
Acq: 12 Apr 2024 02:38

Instrument :

MSVOA_U

ClientSampleId :

C0BN7



Tgt Ion:164 Resp: 11801

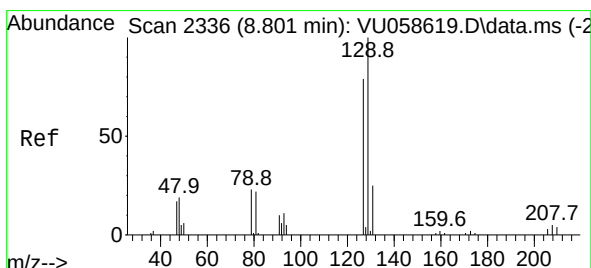
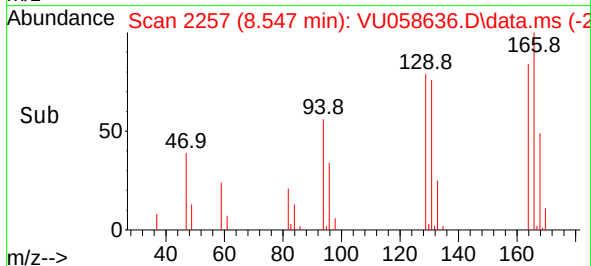
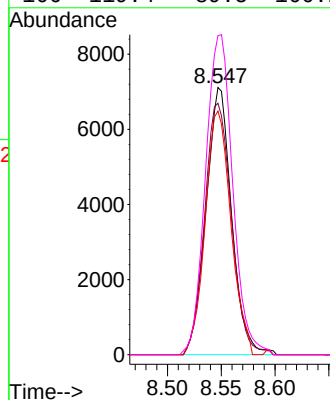
Ion Ratio Lower Upper

164 100

129 94.1 67.3 125.1

131 91.2 65.5 121.6

166 119.4 89.5 166.1



#49

Dibromochloromethane

Concen: 2.461 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU058636.D

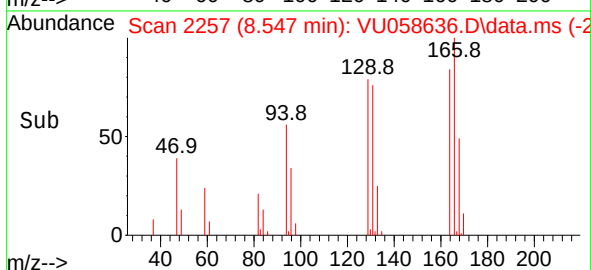
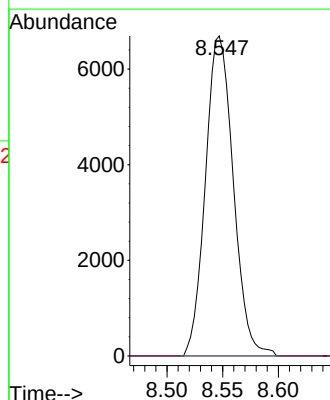
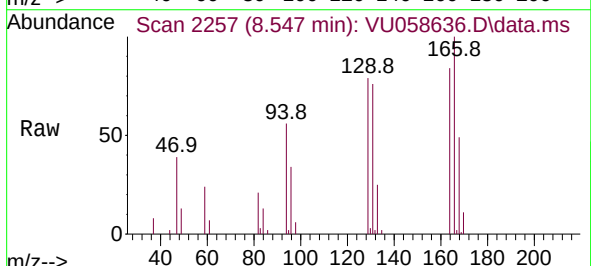
Acq: 12 Apr 2024 02:38

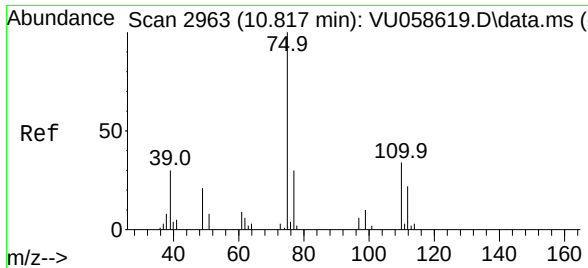
Tgt Ion:129 Resp: 11671

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.444 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU058636.D
 Acq: 12 Apr 2024 02:38

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BN7

Tgt Ion:	75	Resp:	4633
Ion	Ratio	Lower	Upper
75	100		
110	0.0	25.8	38.6#
77	29.3	25.1	37.7

