

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
 Data File : VU058512.D
 Acq On : 09 Apr 2024 14:05
 Operator : MD/SY
 Sample : P2013-18 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 01:14:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 10 01:12:33 2024
 Response via : Initial Calibration

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

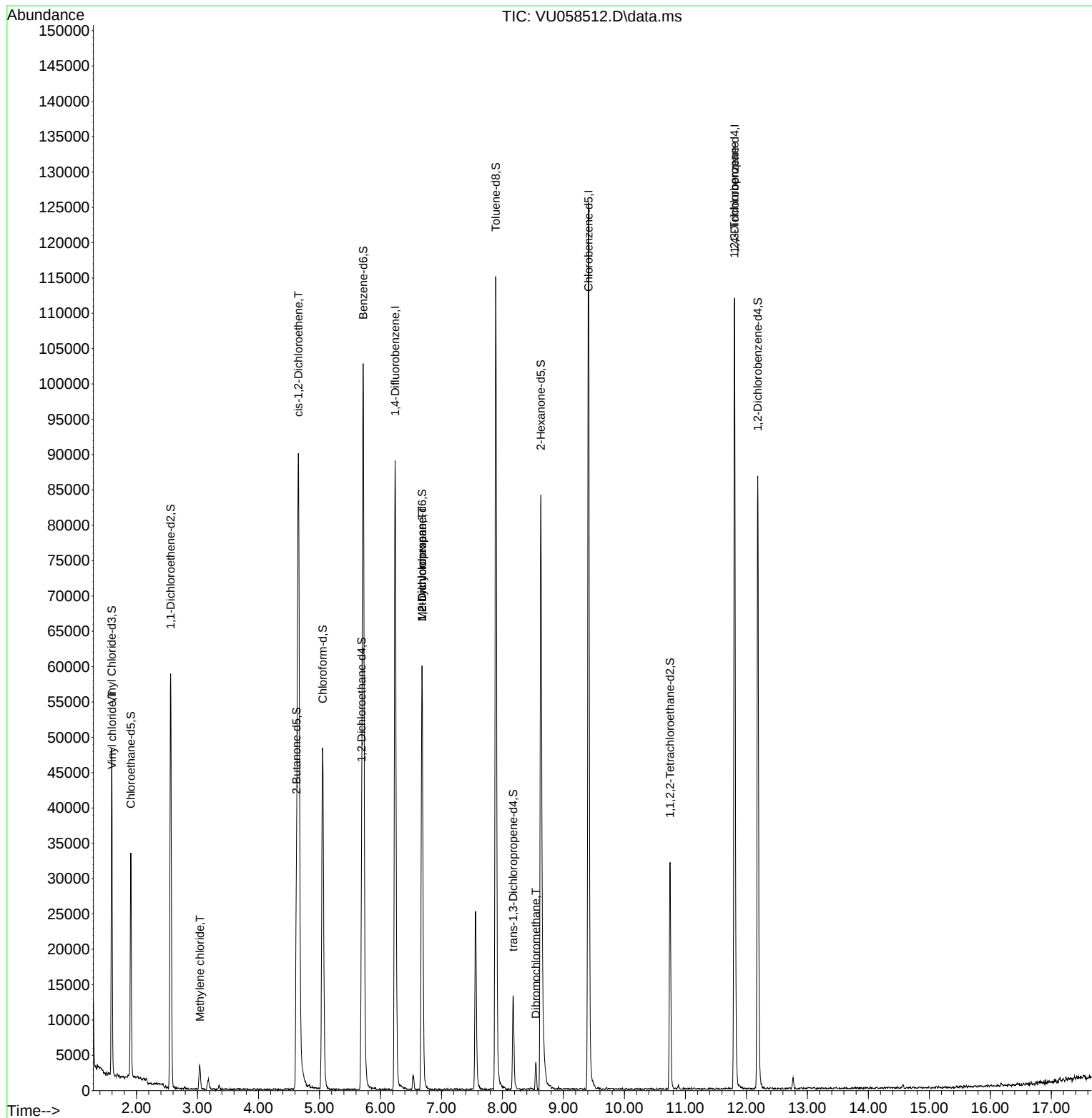
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	70083	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	68104	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28849	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25104	5.410	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.200%
7) Chloroethane-d5	1.907	69	21612	5.360	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.560	65	11156	5.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.200%
20) 2-Butanone-d5	4.624	46	42398	43.360	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.720%
24) Chloroform-d	5.052	84	45732	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.692	65	22305	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.718	84	92818	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.682	67	29395	5.112	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.891	98	78462	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.177	79	8003	4.484	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.631	63	29266	39.754	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.500%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	17152	4.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	22864	4.706	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	8374	1.173	ug/L	97
16) Methylene chloride	3.039	84	1655	0.251	ug/L	90
22) cis-1,2-Dichloroethene	4.657	96	40222	6.881	ug/L	97
35) Methylcyclohexane	6.682	83	6169	0.658	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3333	0.513	ug/L #	90
49) Dibromochloromethane	8.547	129	836	0.191	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	4109	1.396	ug/L #	71

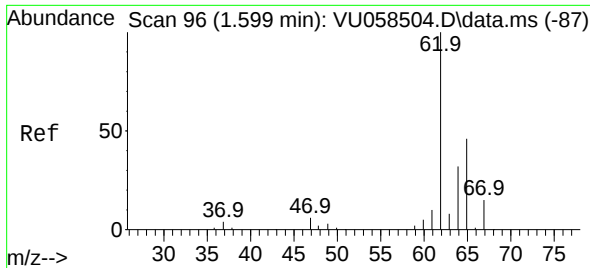
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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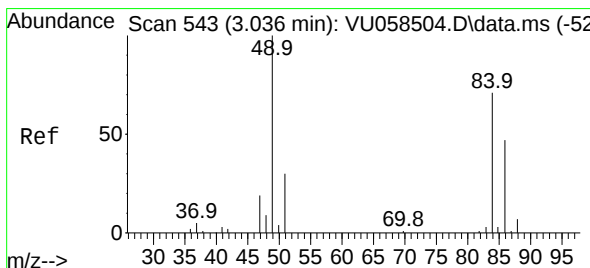
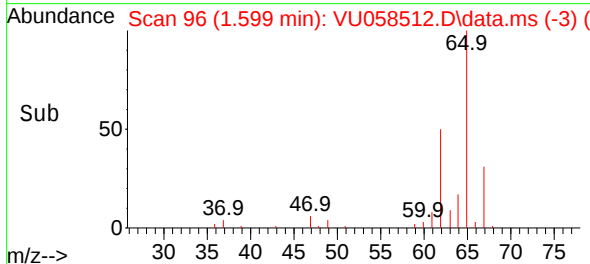
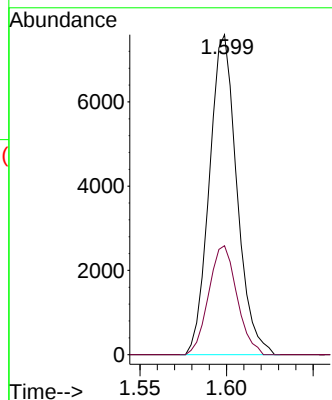
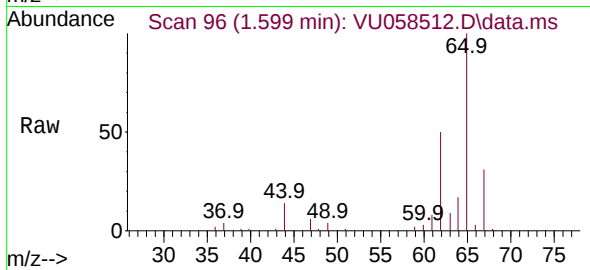




#5
 Vinyl chloride
 Concen: 1.173 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU058512.D
 Acq: 09 Apr 2024 14:05

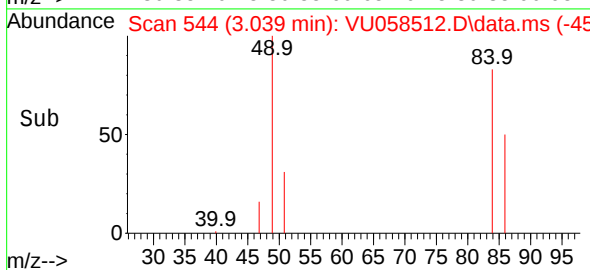
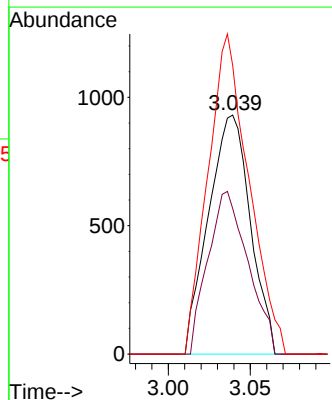
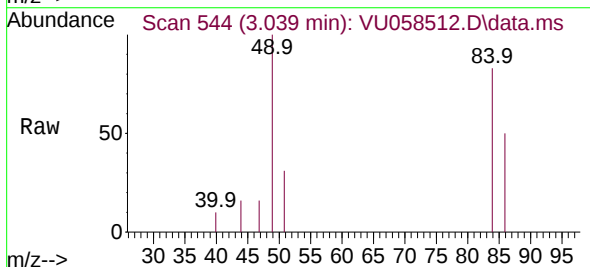
Instrument :
 MSVOA_U
 ClientSampleId :

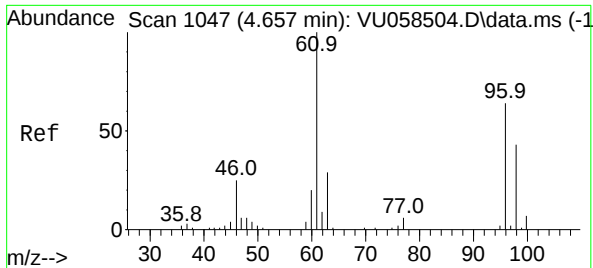
Tgt Ion: 62 Resp: 8374
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.6 42.0



#16
 Methylene chloride
 Concen: 0.251 ug/L
 RT: 3.039 min Scan# 544
 Delta R.T. 0.003 min
 Lab File: VU058512.D
 Acq: 09 Apr 2024 14:05

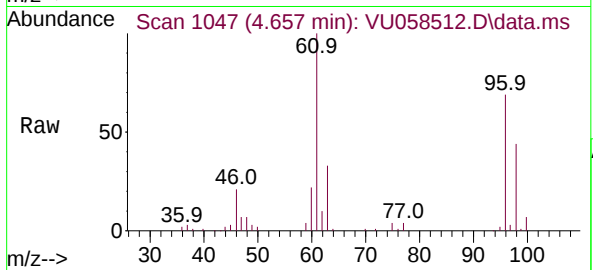
Tgt Ion: 84 Resp: 1655
 Ion Ratio Lower Upper
 84 100
 86 60.9 44.3 82.3
 49 120.8 96.0 178.2



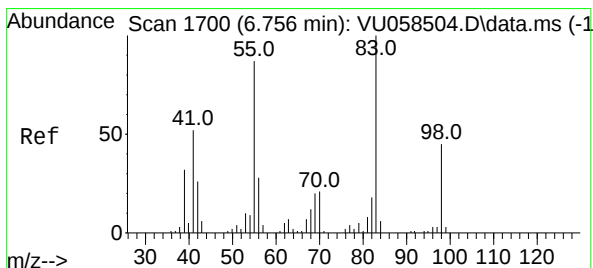
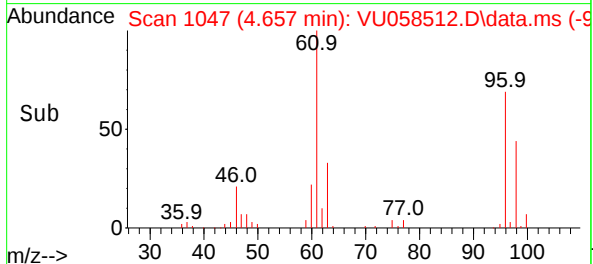
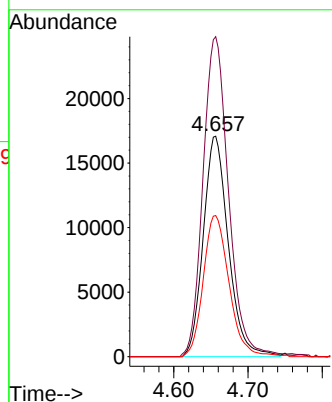


#22
 cis-1,2-Dichloroethene
 Concen: 6.881 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU058512.D
 Acq: 09 Apr 2024 14:05

Instrument :
 MSVOA_U
 ClientSampleId :

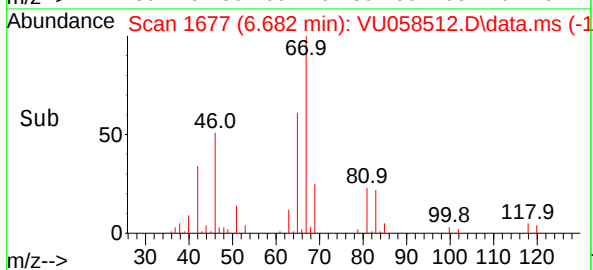
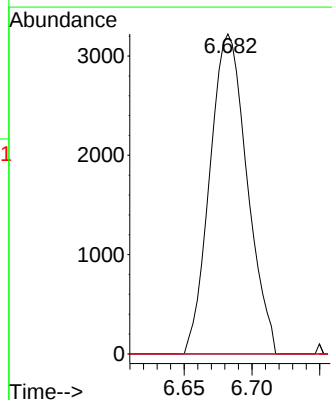
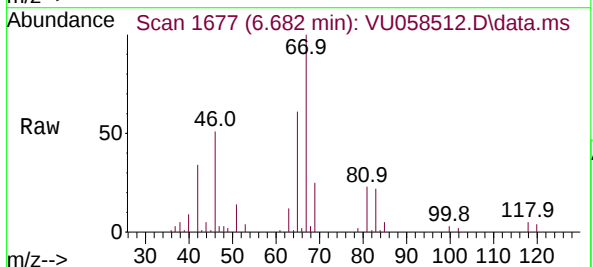


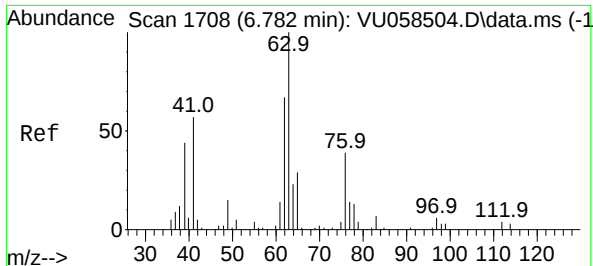
Tgt Ion:	96	Resp:	40222
Ion	Ratio	Lower	Upper
96	100		
61	145.1	98.1	182.3
98	64.0	43.6	81.0



#35
 Methylcyclohexane
 Concen: 0.658 ug/L
 RT: 6.682 min Scan# 1677
 Delta R.T. -0.074 min
 Lab File: VU058512.D
 Acq: 09 Apr 2024 14:05

Tgt Ion:	83	Resp:	6169
Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.2	99.4#
98	0.0	34.6	52.0#

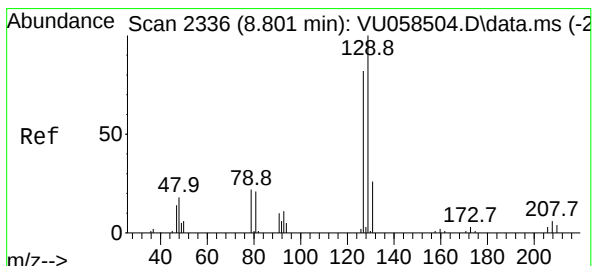
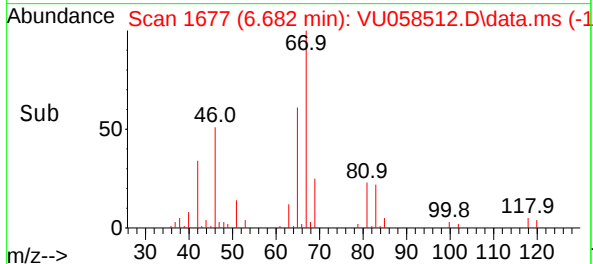
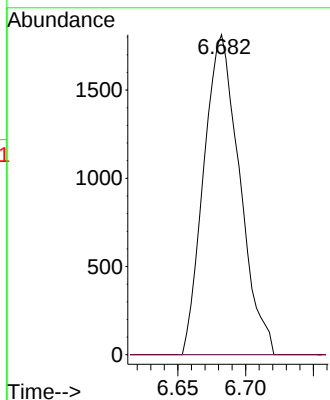
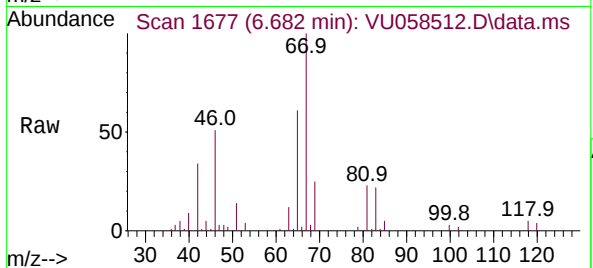




#37
1,2-Dichloropropane
Concen: 0.513 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058512.D
Acq: 09 Apr 2024 14:05

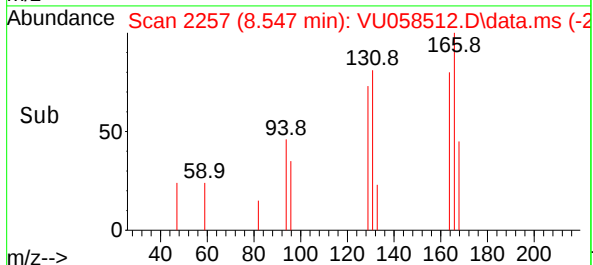
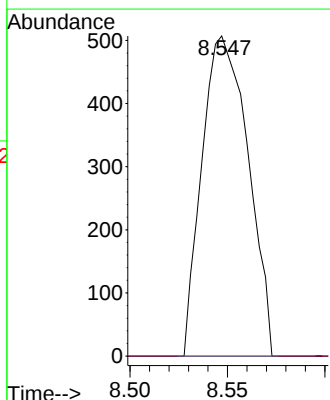
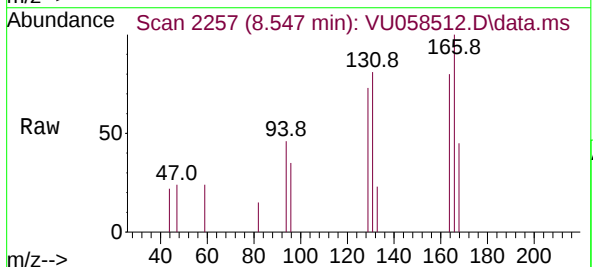
Instrument :
MSVOA_U
ClientSampleId :

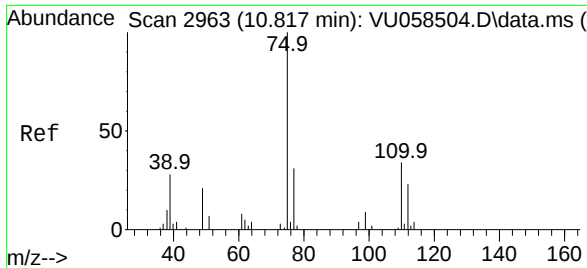
Tgt Ion: 63 Resp: 3333
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#49
Dibromochloromethane
Concen: 0.191 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.254 min
Lab File: VU058512.D
Acq: 09 Apr 2024 14:05

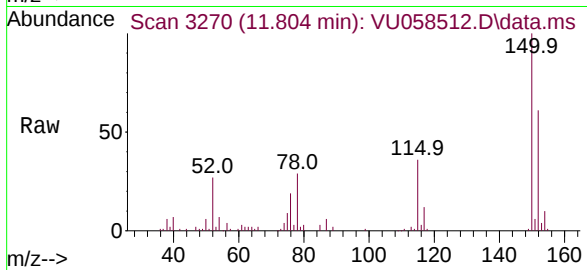
Tgt Ion: 129 Resp: 836
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.396 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU058512.D
 Acq: 09 Apr 2024 14:05

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4109
 Ion Ratio Lower Upper
 75 100
 110 0.5 25.8 38.6#
 77 30.7 25.1 37.7

