

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057074.D
 Acq On : 20 Dec 2023 03:40
 Operator : MD/SY
 Sample : 05890-01DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 06:58:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 06:35:40 2023
 Response via : Initial Calibration

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

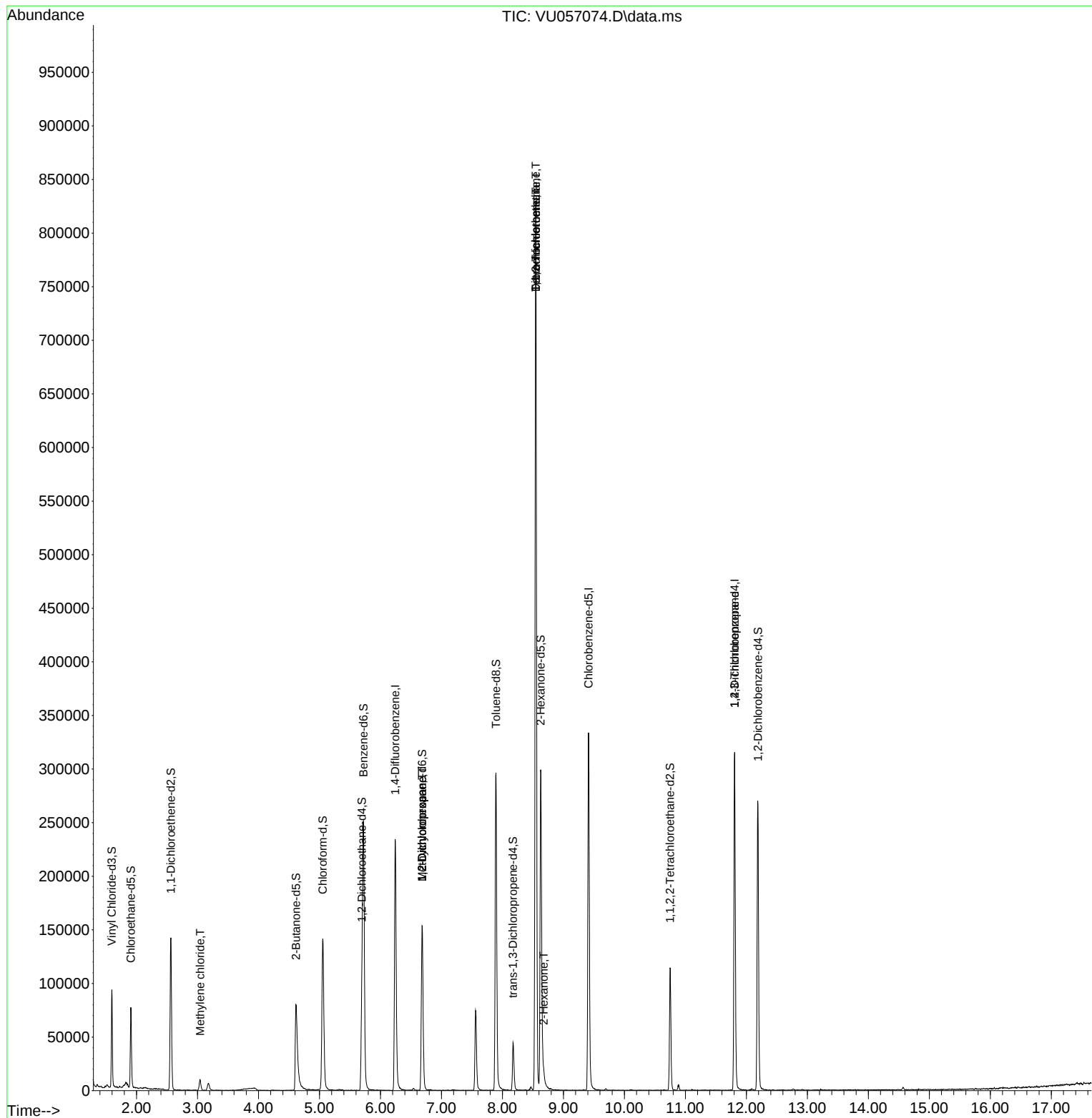
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	187137	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	190920	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	63829	3.979	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.907	69	55951	4.661	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.563	65	27428	3.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.615	46	118906	37.536	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.080%
24) Chloroform-d	5.055	84	135751	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.695	65	67253	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.721	84	244143	4.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.682	67	73246	3.952	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.000%
41) Toluene-d8	7.894	98	204139	3.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.174	79	28281	3.934	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.627	63	99982	36.880	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.760%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	56642	4.224	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	70803	4.275	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	5027	0.304	ug/L	96
35) Methylcyclohexane	6.685	83	18467	0.680	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	8031	0.468	ug/L #	89
45) 1,1,2-Trichloroethane	8.547	97	1778	0.153	ug/L #	25
47) Tetrachloroethene	8.547	164	174632	13.557	ug/L	98
48) 2-Hexanone	8.679	43	3450	0.594	ug/L #	39
49) Dibromochloromethane	8.547	129	180708	13.549	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	9847	1.088	ug/L #	69

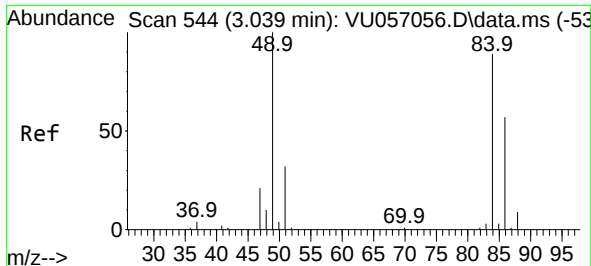
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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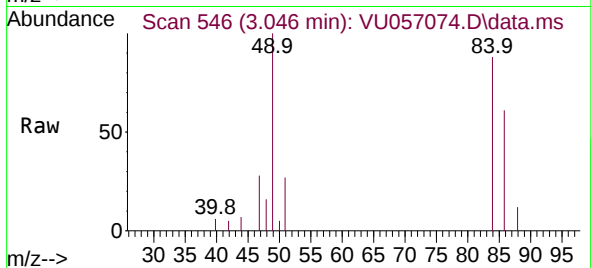
Quant Time: Dec 20 06:58:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
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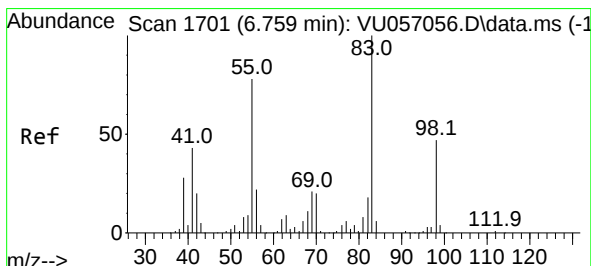
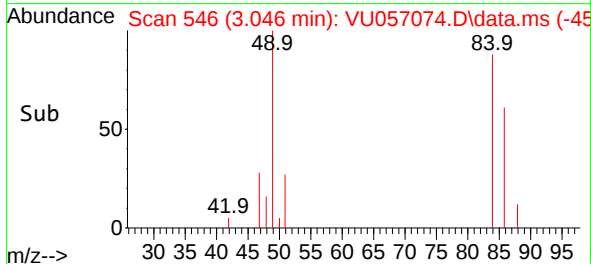
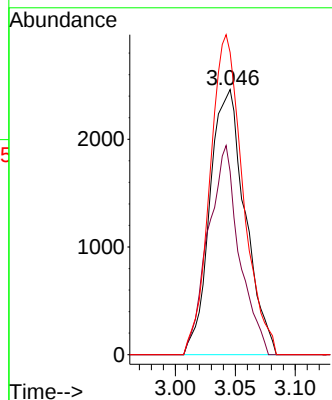
#16
Methylene chloride
Concen: 0.304 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.006 min
Lab File: VU057074.D
Acq: 20 Dec 2023 03:40

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 5027

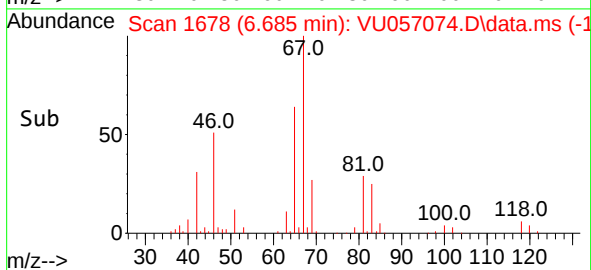
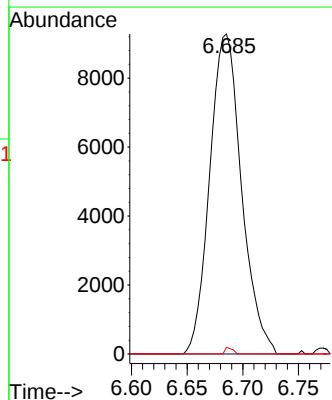
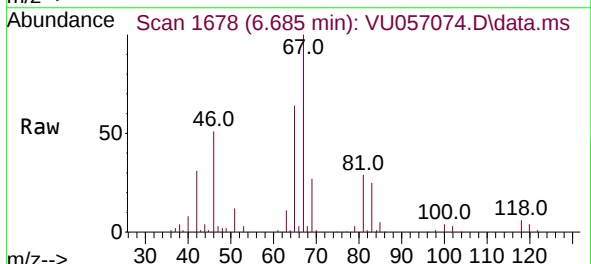
Ion	Ratio	Lower	Upper
84	100		
86	69.0	43.6	81.0
49	114.0	80.6	149.6

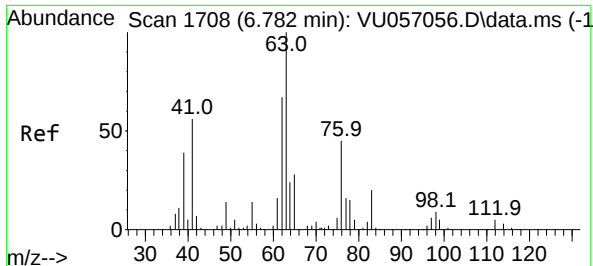


#35
Methylcyclohexane
Concen: 0.680 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057074.D
Acq: 20 Dec 2023 03:40

Tgt Ion: 83 Resp: 18467

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	97.0#
98	0.5	36.1	54.1#





#37

1,2-Dichloropropane

Concen: 0.468 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU057074.D

Acq: 20 Dec 2023 03:40

Instrument :

MSVOA_U

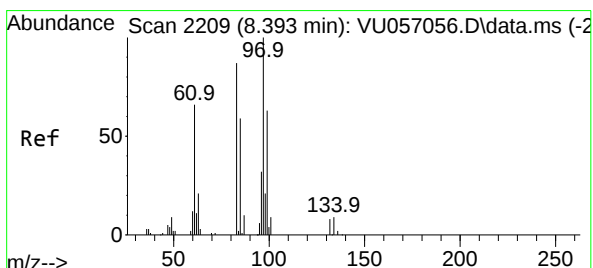
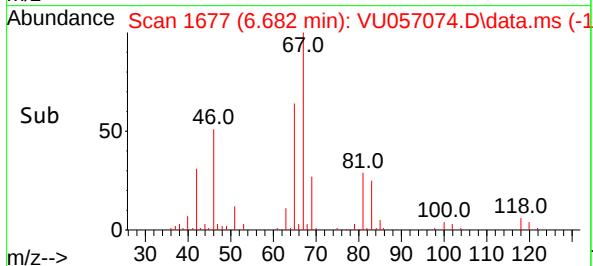
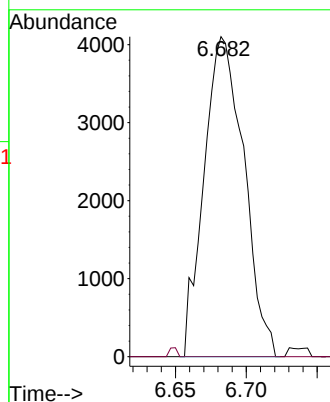
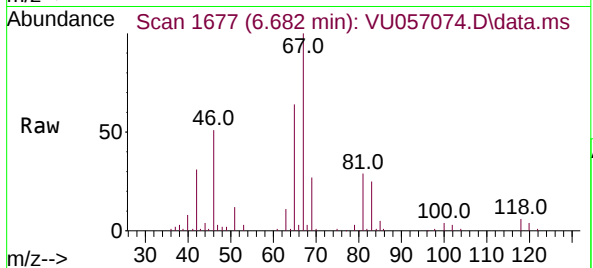
ClientSampleId :

Tgt Ion: 63 Resp: 8031

Ion Ratio Lower Upper

63 100

112 0.5 3.3 4.9#



#45

1,1,2-Trichloroethane

Concen: 0.153 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.154 min

Lab File: VU057074.D

Acq: 20 Dec 2023 03:40

Tgt Ion: 97 Resp: 1778

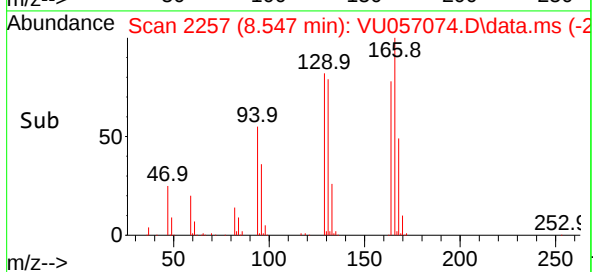
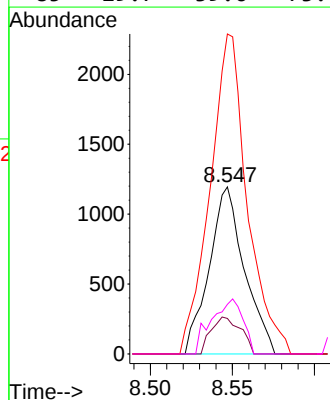
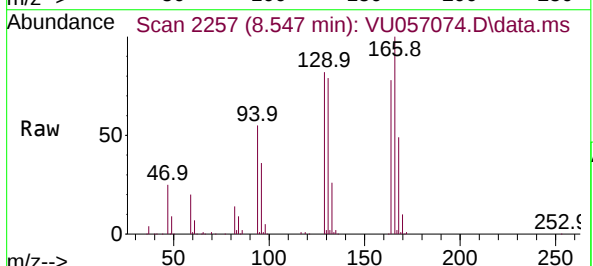
Ion Ratio Lower Upper

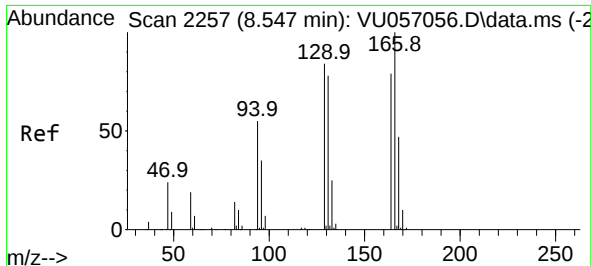
97 100

99 21.3 41.9 77.9#

83 191.5 59.1 109.7#

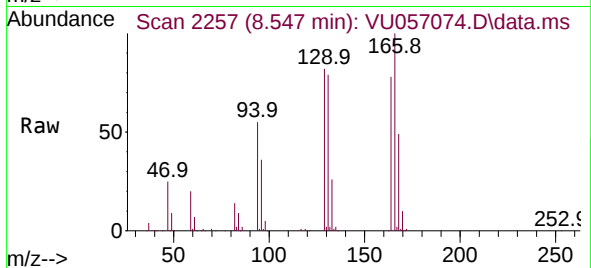
85 29.7 39.6 73.6#



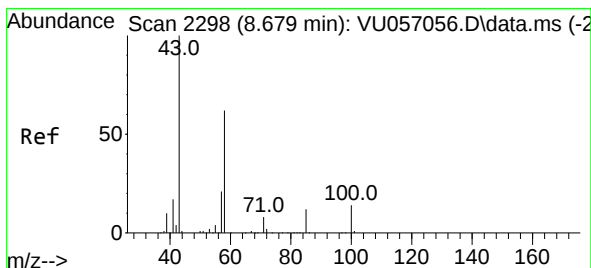
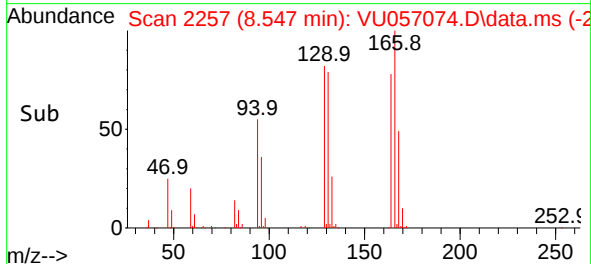
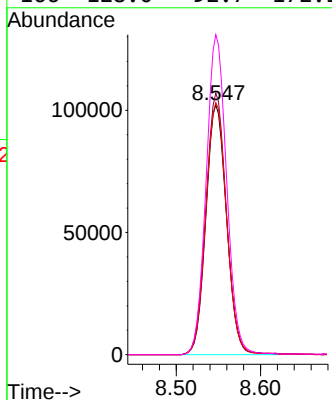


#47
Tetrachloroethene
Concen: 13.557 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057074.D
Acq: 20 Dec 2023 03:40

Instrument :
MSVOA_U
ClientSampleId :

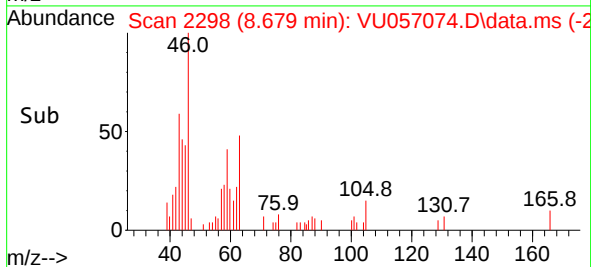
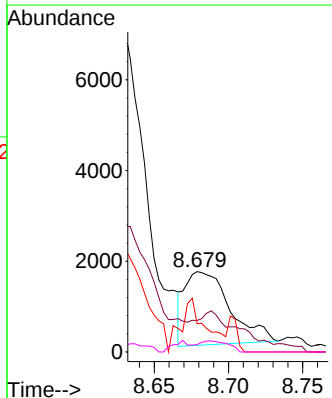
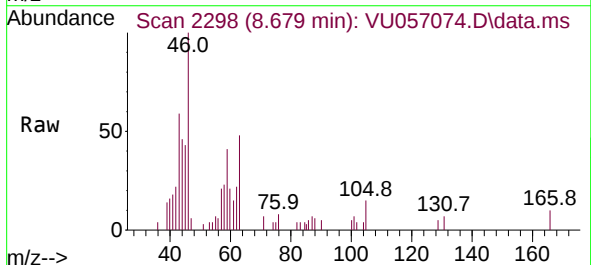


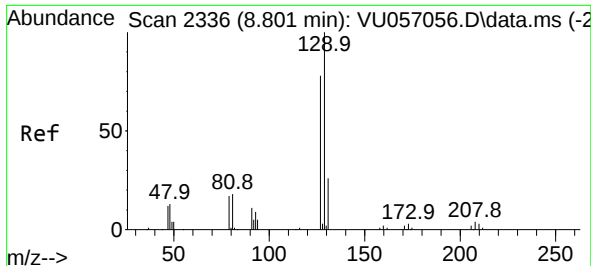
Tgt Ion:164 Resp: 174632
Ion Ratio Lower Upper
164 100
129 104.6 73.4 136.4
131 100.8 71.5 132.9
166 128.0 92.7 172.1



#48
2-Hexanone
Concen: 0.594 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU057074.D
Acq: 20 Dec 2023 03:40

Tgt Ion: 43 Resp: 3450
Ion Ratio Lower Upper
43 100
58 0.0 47.5 71.3#
57 38.3 17.0 25.4#
100 5.6 9.8 14.8#

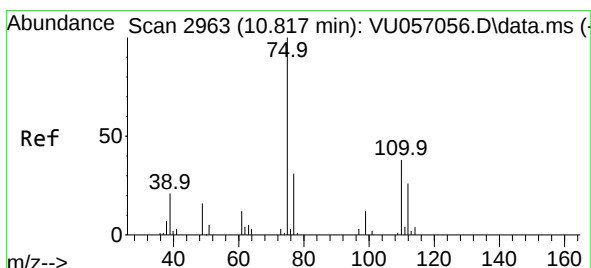
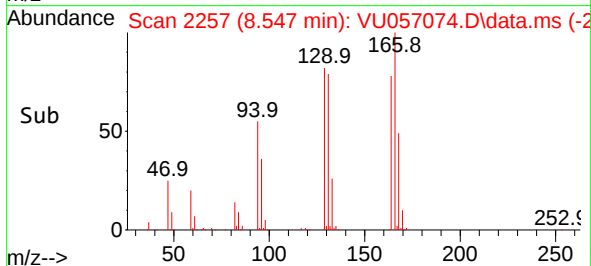
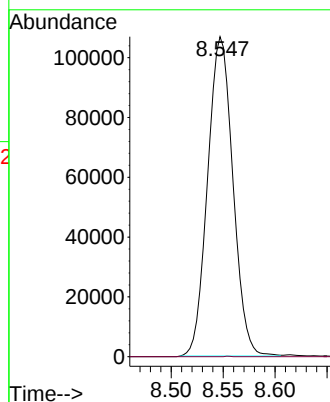
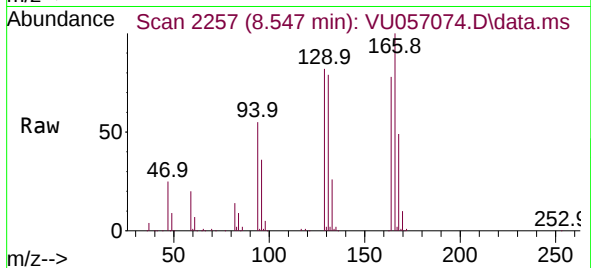




#49
Dibromochloromethane
Concen: 13.549 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU057074.D
Acq: 20 Dec 2023 03:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 180708
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#



#61
1,2,3-Trichloropropane
Concen: 1.088 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057074.D
Acq: 20 Dec 2023 03:40

Tgt Ion: 75 Resp: 9847
Ion Ratio Lower Upper
75 100
110 2.4 28.4 42.6#
77 31.3 26.3 39.5

