

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
 Data File : VU056025.D
 Acq On : 31 Oct 2023 20:09
 Operator : MD/SY
 Sample : 05114-20DL 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 01:13:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 01 01:09:14 2023
 Response via : Initial Calibration

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

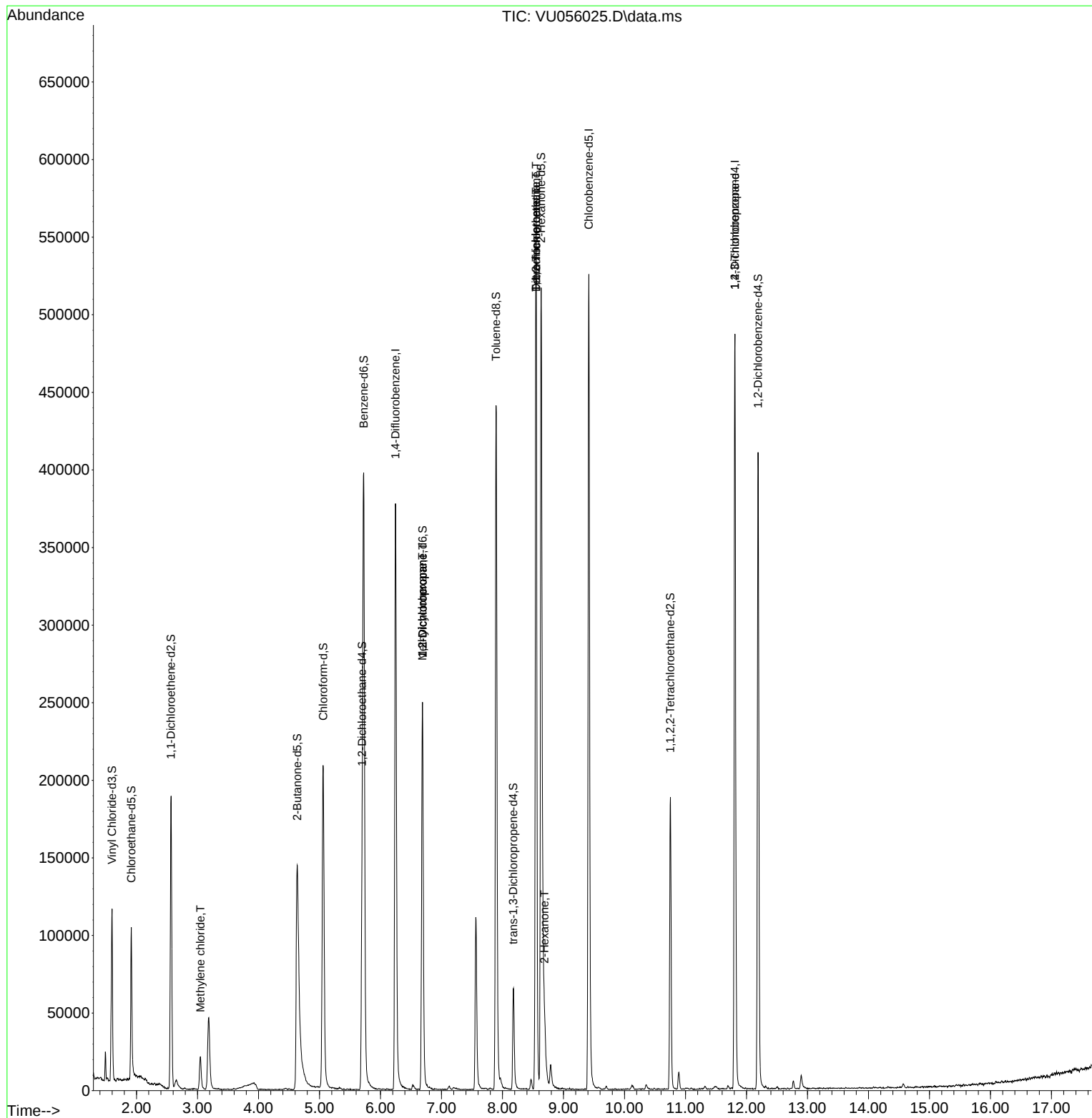
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	326956	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	324387	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	139405	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	77026	2.978	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	59.600%	
7) Chloroethane-d5	1.914	69	76744	3.807	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.200%	
11) 1,1-Dichloroethene-d2	2.563	65	35875	3.267	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.400%	
20) 2-Butanone-d5	4.634	46	242895	52.642	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.280%	
24) Chloroform-d	5.058	84	207059	4.320	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.400%	
26) 1,2-Dichloroethane-d4	5.698	65	100478	4.303	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
32) Benzene-d6	5.724	84	395359	4.092	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.800%	
36) 1,2-Dichloropropane-d6	6.689	67	128023	4.469	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.400%	
41) Toluene-d8	7.894	98	321144	3.664	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.200%	
43) trans-1,3-Dichloroprop...	8.177	79	40756	3.638	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.800%	
46) 2-Hexanone-d5	8.634	63	187752	66.019	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	132.040%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98929	4.742	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	117806	4.529	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.600%	
Target Compounds						
16) Methylene chloride	3.049	84	11389	0.634	ug/L	94
35) Methylcyclohexane	6.685	83	30310	1.121	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	13103	0.689	ug/L #	90
45) 1,1,2-Trichloroethane	8.550	97	1294	0.097	ug/L #	1
47) Tetrachloroethene	8.550	164	131293	9.362	ug/L	97
48) 2-Hexanone	8.689	43	22533	3.128	ug/L #	87
49) Dibromochloromethane	8.550	129	130656	8.906	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	15691	1.639	ug/L #	66

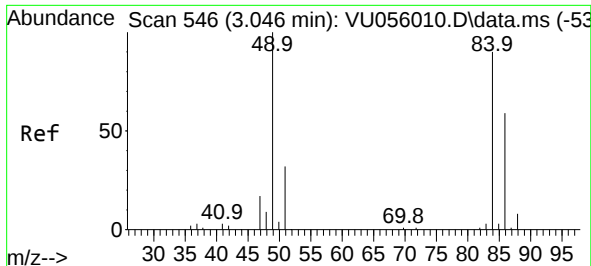
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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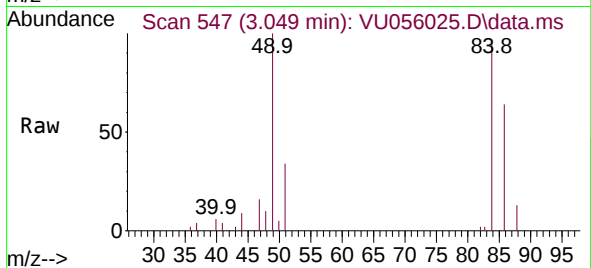
Quant Time: Nov 01 01:13:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
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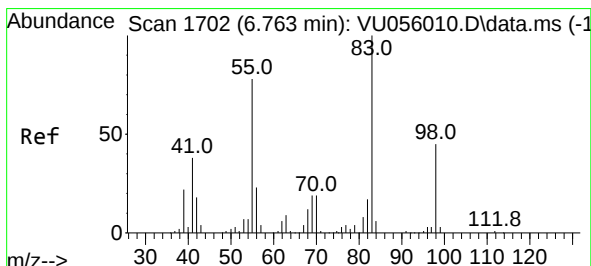
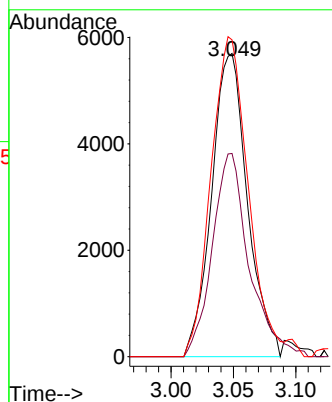
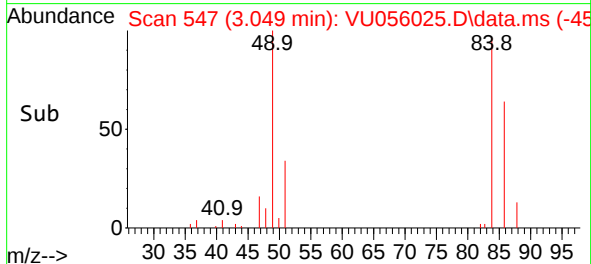


#16
Methylene chloride
Concen: 0.634 ug/L
RT: 3.049 min Scan# 546
Delta R.T. 0.003 min
Lab File: VU056025.D
Acq: 31 Oct 2023 20:09

Instrument :
MSVOA_U
ClientSampleId :

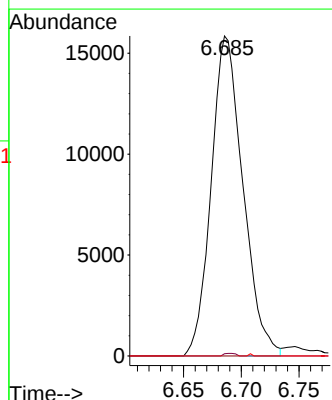
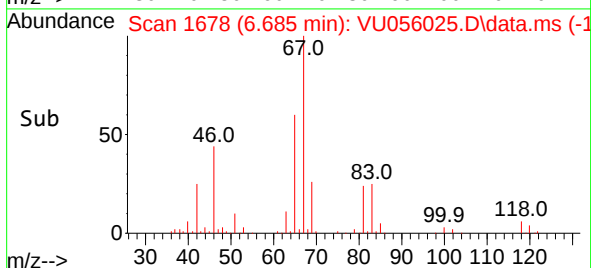
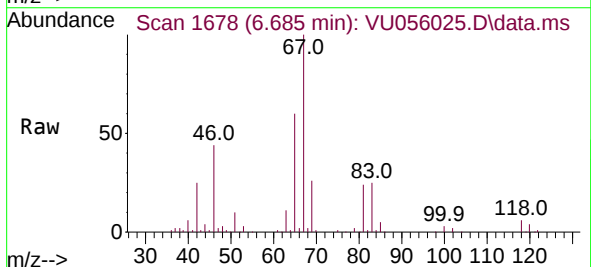


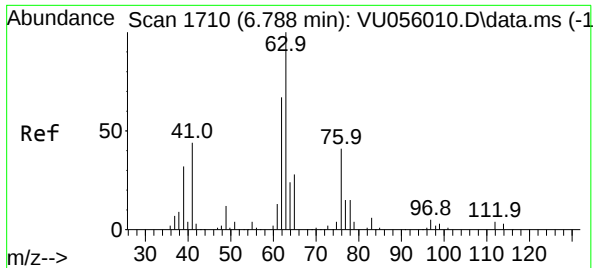
Tgt Ion: 84 Resp: 11389
Ion Ratio Lower Upper
84 100
86 67.0 45.2 84.0
49 104.5 78.8 146.3



#35
Methylcyclohexane
Concen: 1.121 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.077 min
Lab File: VU056025.D
Acq: 31 Oct 2023 20:09

Tgt Ion: 83 Resp: 30310
Ion Ratio Lower Upper
83 100
55 0.3 62.4 93.6#
98 0.1 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.689 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056025.D

Acq: 31 Oct 2023 20:09

Instrument :

MSVOA_U

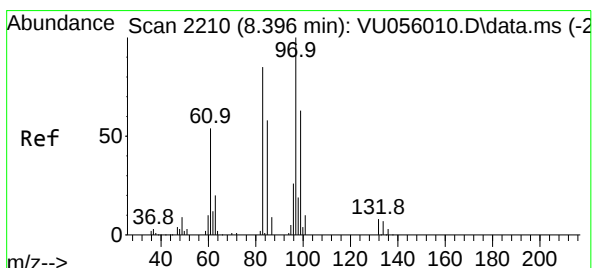
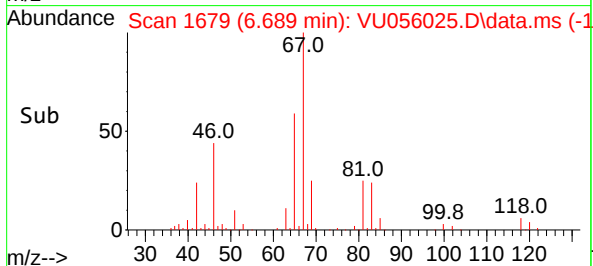
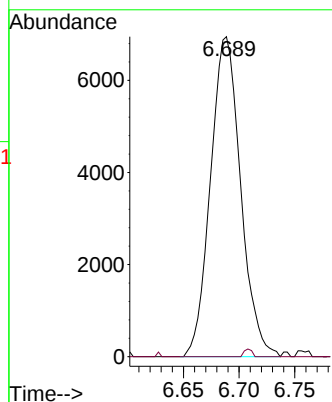
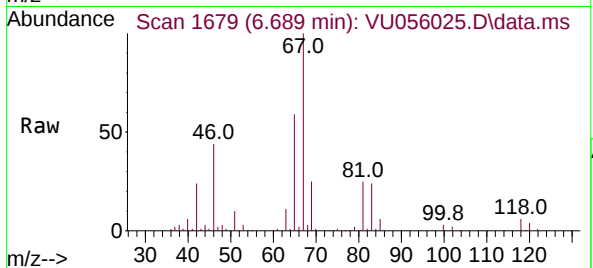
ClientSampleId :

Tgt Ion: 63 Resp: 13103

Ion Ratio Lower Upper

63 100

112 0.6 3.1 4.7#



#45

1,1,2-Trichloroethane

Concen: 0.097 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.154 min

Lab File: VU056025.D

Acq: 31 Oct 2023 20:09

Tgt Ion: 97 Resp: 1294

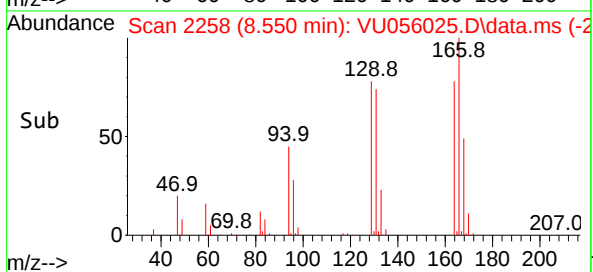
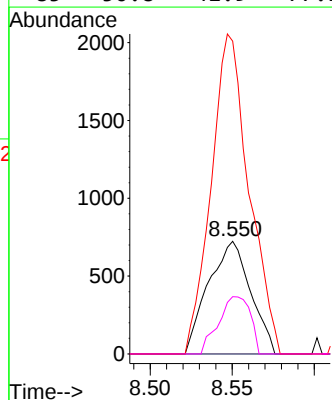
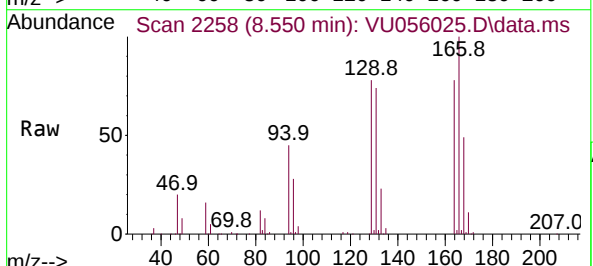
Ion Ratio Lower Upper

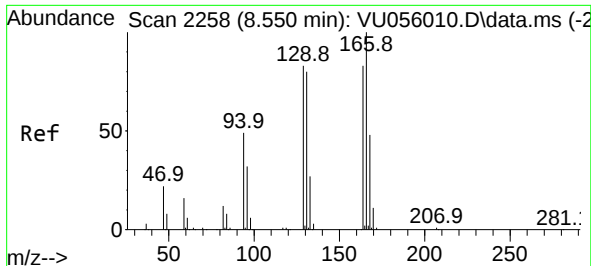
97 100

99 0.0 45.3 84.1#

83 277.6 61.9 115.1#

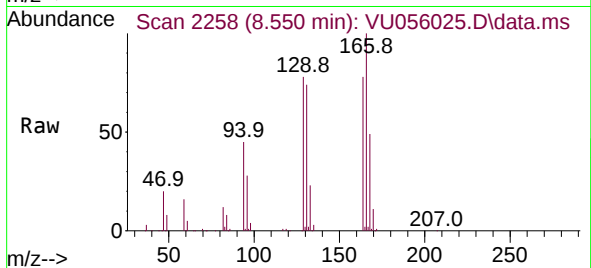
85 50.8 41.9 77.9



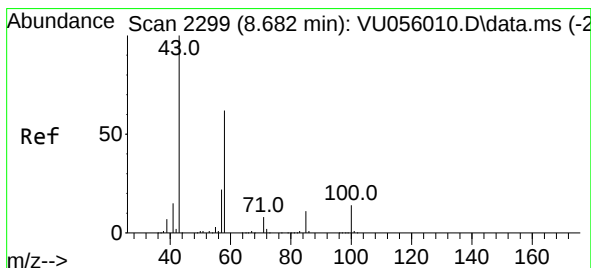
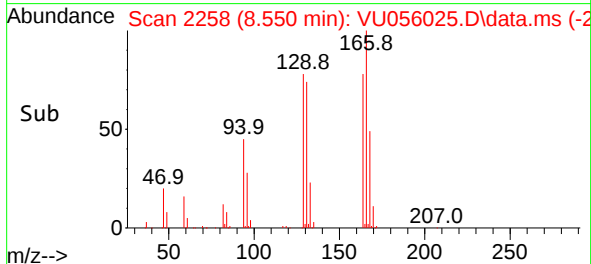
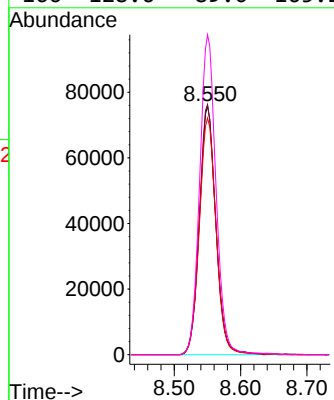


#47
Tetrachloroethene
Concen: 9.362 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056025.D
Acq: 31 Oct 2023 20:09

Instrument :
MSVOA_U
ClientSampleId :

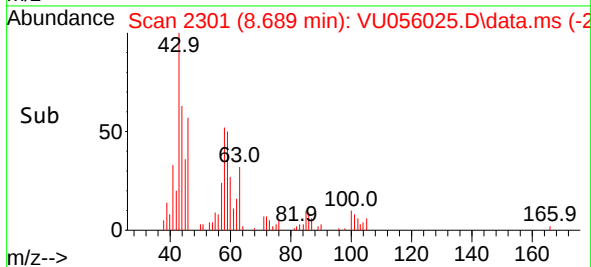
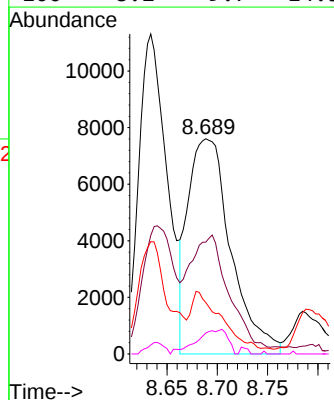
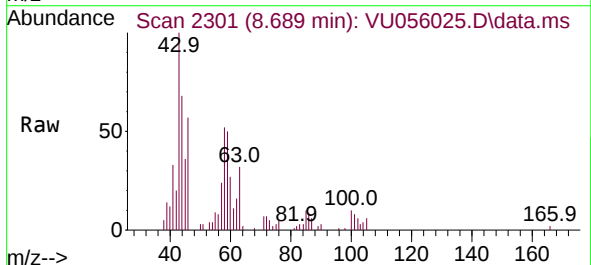


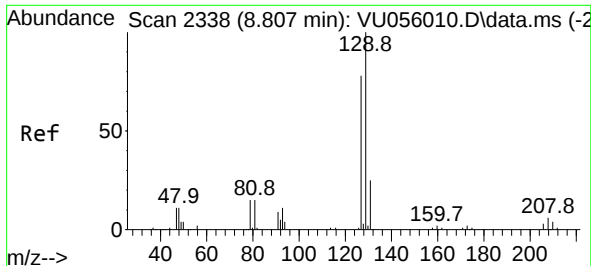
Tgt Ion:164 Resp: 131293
Ion Ratio Lower Upper
164 100
129 100.6 72.2 134.0
131 95.0 70.8 131.6
166 128.6 89.0 165.2



#48
2-Hexanone
Concen: 3.128 ug/L
RT: 8.689 min Scan# 2301
Delta R.T. 0.006 min
Lab File: VU056025.D
Acq: 31 Oct 2023 20:09

Tgt Ion: 43 Resp: 22533
Ion Ratio Lower Upper
43 100
58 48.5 49.5 74.3#
57 22.4 16.9 25.3
100 8.2 9.7 14.5#

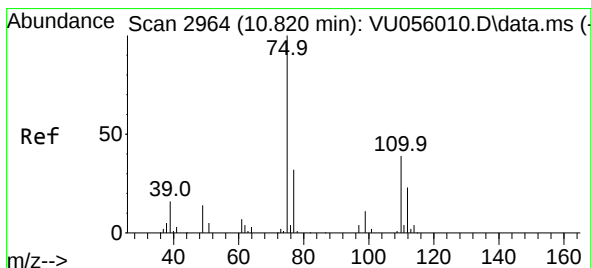
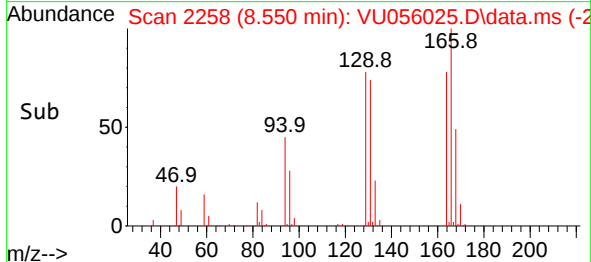
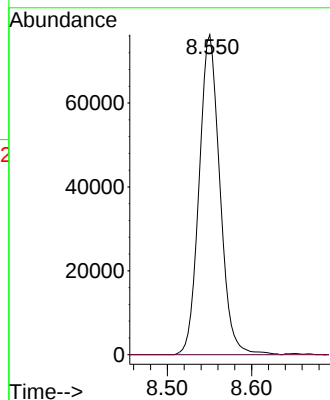
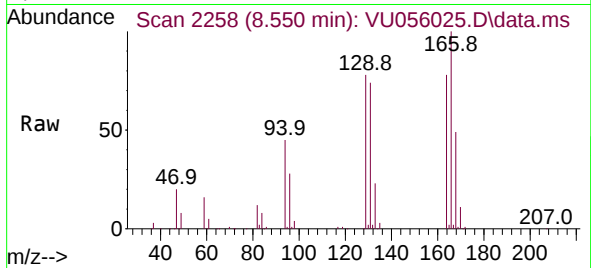




#49
Dibromochloromethane
Concen: 8.906 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056025.D
Acq: 31 Oct 2023 20:09

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 130656
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#



#61
1,2,3-Trichloropropane
Concen: 1.639 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU056025.D
Acq: 31 Oct 2023 20:09

Tgt Ion: 75 Resp: 15691
Ion Ratio Lower Upper
75 100
110 2.7 29.0 43.6#
77 34.1 24.5 36.7

