

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
 Data File : VU056028.D
 Acq On : 31 Oct 2023 21:21
 Operator : MD/SY
 Sample : 05113-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 01:13:51 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)

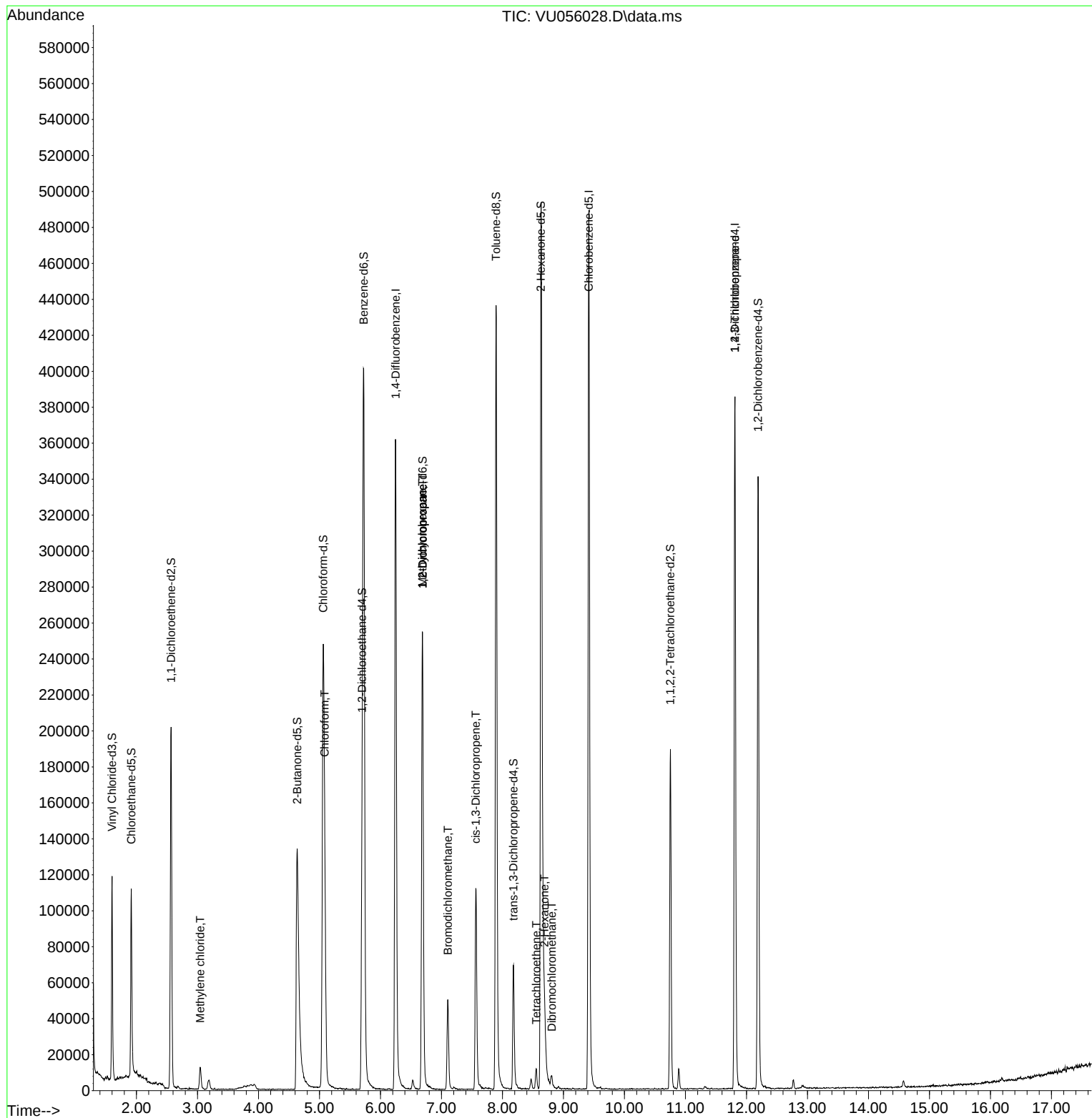
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	315876	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	299876	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	109609	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	83349	3.336	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.914	69	79962	4.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.567	65	38287	3.609	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.634	46	245376	55.045	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.100%
24) Chloroform-d	5.059	84	217351	4.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.698	65	106046	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.724	84	401561	4.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.689	67	131618	4.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.895	98	314373	3.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.181	79	43843	4.233	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.631	63	182279	69.333	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	138.660%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98120	5.088	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	97165	4.751	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	6414	0.370	ug/L	94
25) Chloroform	5.084	83	96328	2.915	ug/L	97
35) Methylcyclohexane	6.686	83	32502	1.301	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	14235	0.810	ug/L #	89
38) Bromodichloromethane	7.104	83	34613	1.569	ug/L	99
39) cis-1,3-Dichloropropene	7.563	75	3248	0.130	ug/L #	51
47) Tetrachloroethene	8.557	164	2647	0.204	ug/L	91
48) 2-Hexanone	8.689	43	21009	3.154	ug/L #	83
49) Dibromochloromethane	8.808	129	3092	0.228	ug/L	94
61) 1,2,3-Trichloropropane	11.811	75	12555	1.668	ug/L #	68

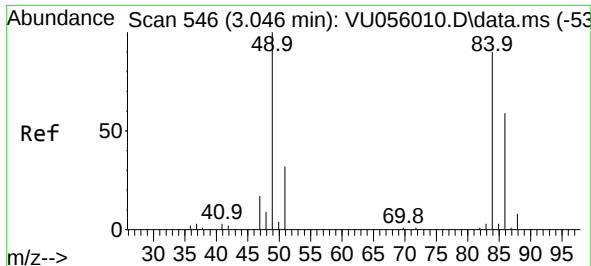
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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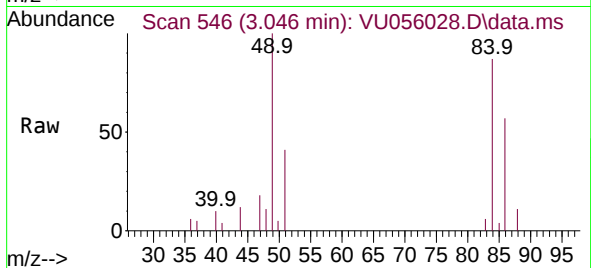
Quant Time: Nov 01 01:13:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
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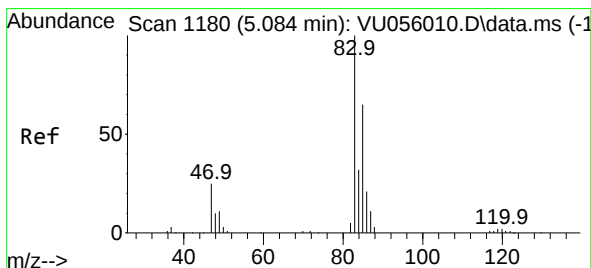
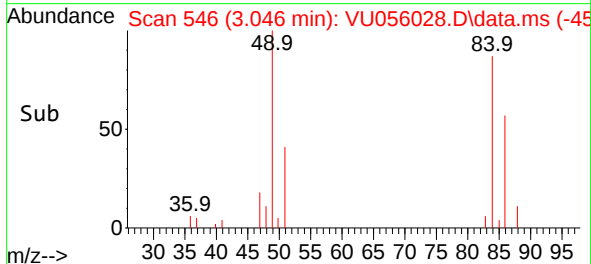
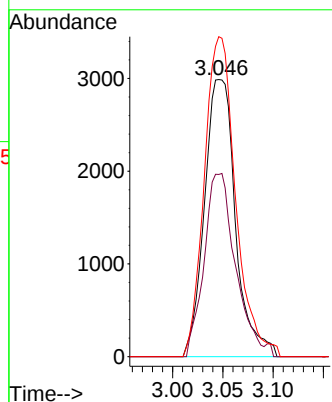
#16
Methylene chloride
Concen: 0.370 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.000 min
Lab File: VU056028.D
Acq: 31 Oct 2023 21:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 6414

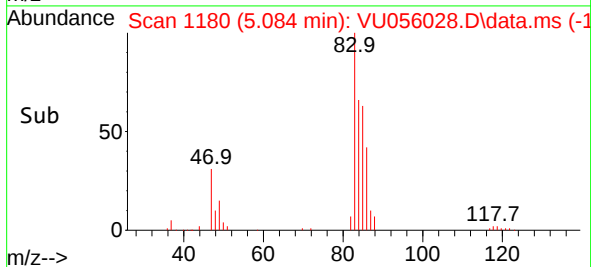
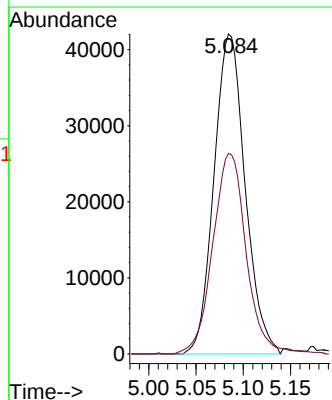
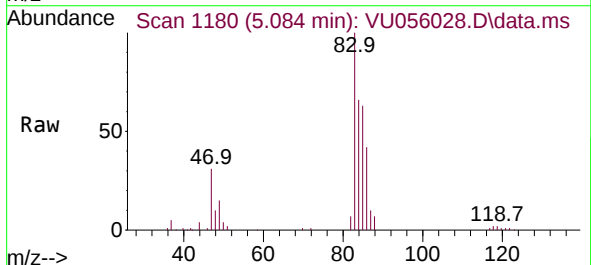
Ion	Ratio	Lower	Upper
84	100		
86	65.8	45.2	84.0
49	121.4	78.8	146.3

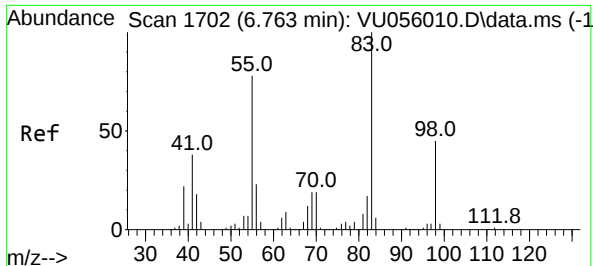


#25
Chloroform
Concen: 2.915 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU056028.D
Acq: 31 Oct 2023 21:21

Tgt Ion: 83 Resp: 96328

Ion	Ratio	Lower	Upper
83	100		
85	62.7	45.6	84.8





#35

Methylcyclohexane

Concen: 1.301 ug/L

RT: 6.686 min Scan# 1678

Delta R.T. -0.077 min

Lab File: VU056028.D

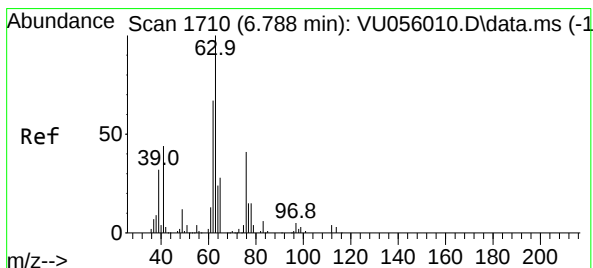
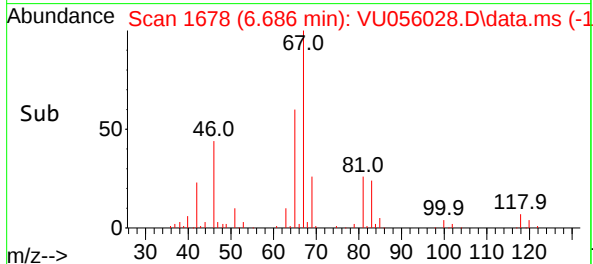
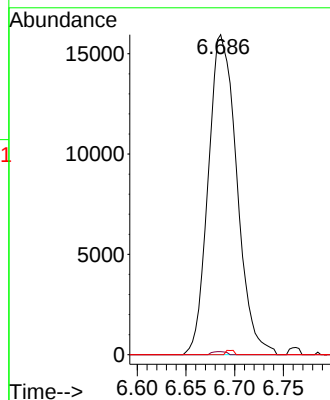
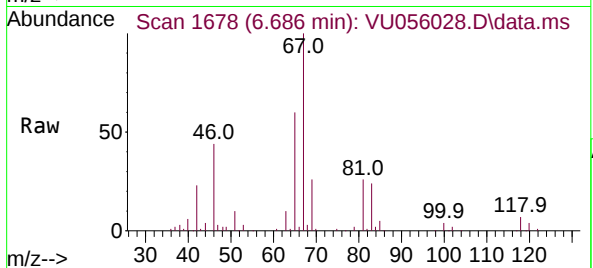
Acq: 31 Oct 2023 21:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	32502
Ion Ratio	Lower	Upper
83	100	
55	0.5	62.4 93.6#
98	0.4	37.4 56.2#



#37

1,2-Dichloropropane

Concen: 0.810 ug/L

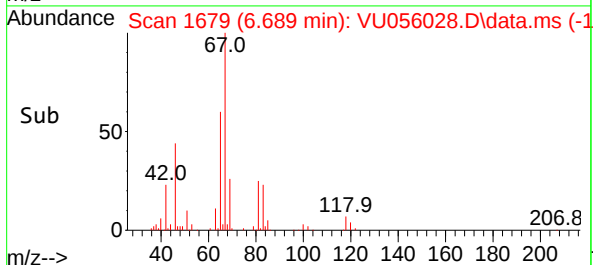
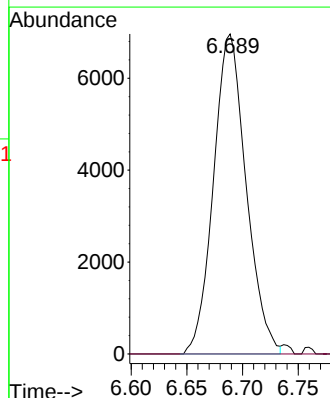
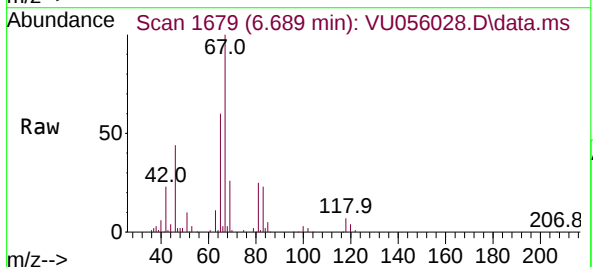
RT: 6.689 min Scan# 1679

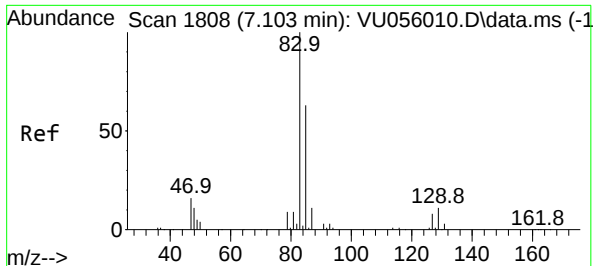
Delta R.T. -0.099 min

Lab File: VU056028.D

Acq: 31 Oct 2023 21:21

Tgt Ion: 63	Resp:	14235
Ion Ratio	Lower	Upper
63	100	
112	0.1	3.1 4.7#

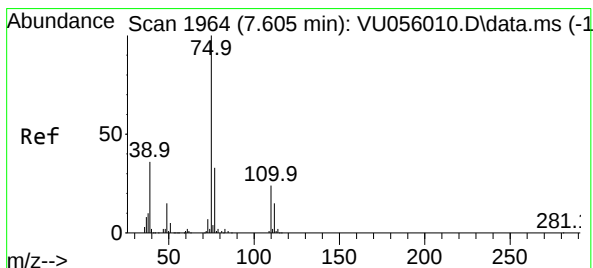
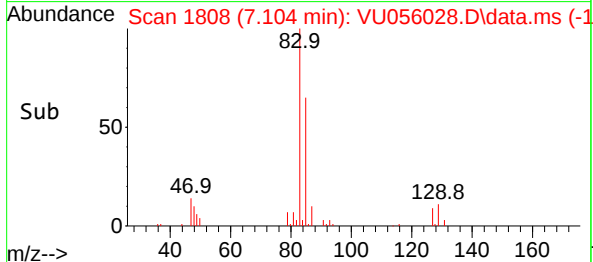
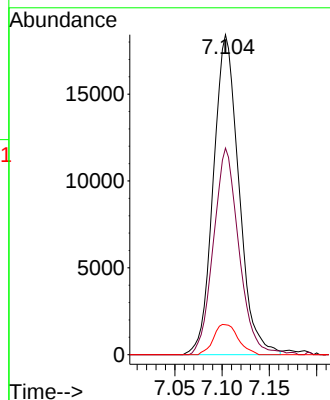
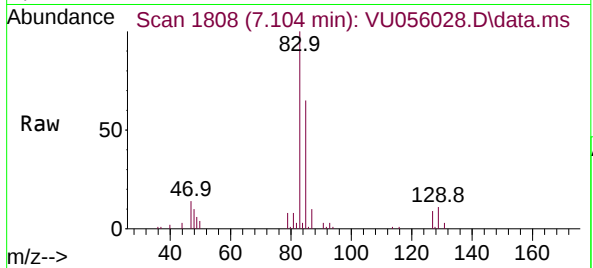




#38
Bromodichloromethane
Concen: 1.569 ug/L
RT: 7.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056028.D
Acq: 31 Oct 2023 21:21

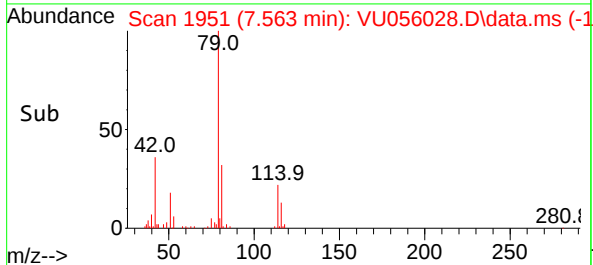
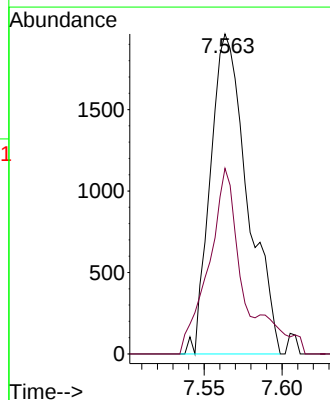
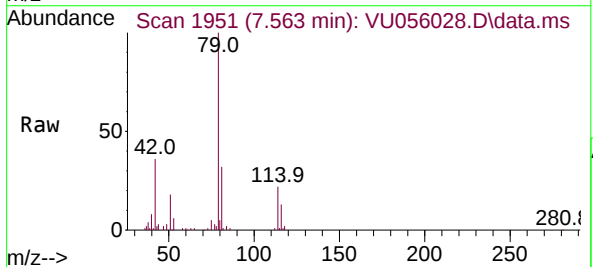
Instrument :
MSVOA_U
ClientSampleId :

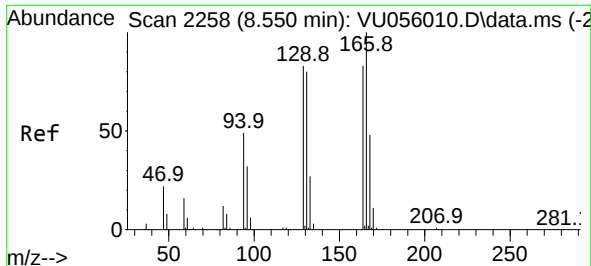
Tgt Ion: 83 Resp: 34613
Ion Ratio Lower Upper
83 100
85 64.5 44.9 83.3
127 9.4 6.6 9.8



#39
cis-1,3-Dichloropropene
Concen: 0.130 ug/L
RT: 7.563 min Scan# 1951
Delta R.T. -0.042 min
Lab File: VU056028.D
Acq: 31 Oct 2023 21:21

Tgt Ion: 75 Resp: 3248
Ion Ratio Lower Upper
75 100
77 58.0 21.7 40.3#





#47

Tetrachloroethene

Concen: 0.204 ug/L

RT: 8.557 min Scan# 21

Delta R.T. 0.007 min

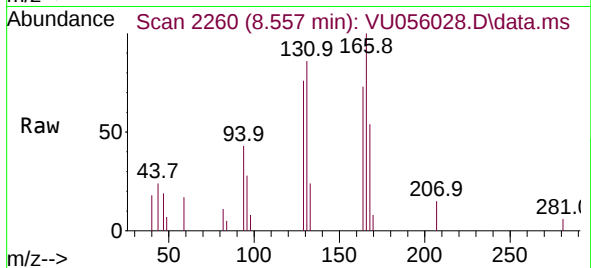
Lab File: VU056028.D

Acq: 31 Oct 2023 21:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 2647

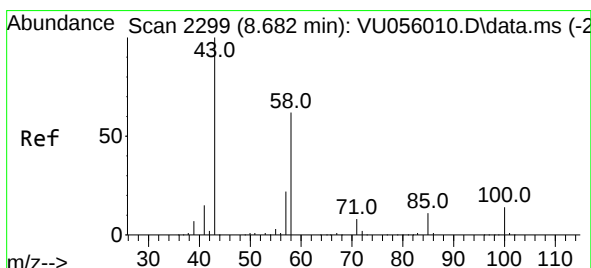
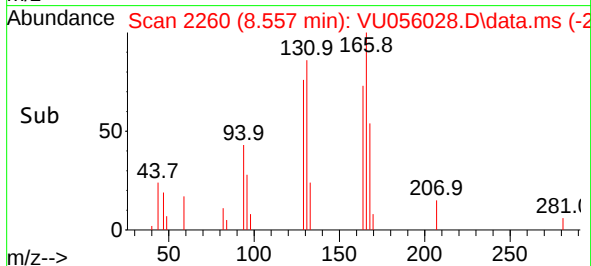
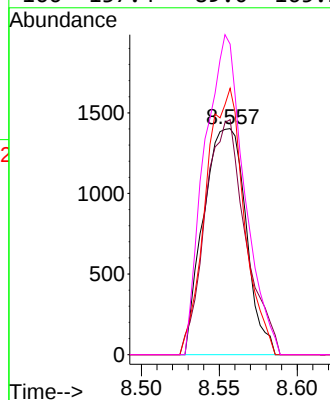
Ion Ratio Lower Upper

164 100

129 104.0 72.2 134.0

131 117.8 70.8 131.6

166 137.4 89.0 165.2



#48

2-Hexanone

Concen: 3.154 ug/L

RT: 8.689 min Scan# 2301

Delta R.T. 0.007 min

Lab File: VU056028.D

Acq: 31 Oct 2023 21:21

Tgt Ion: 43 Resp: 21009

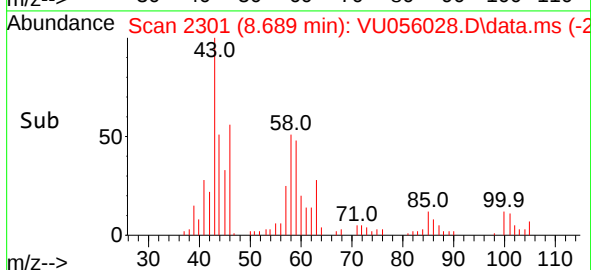
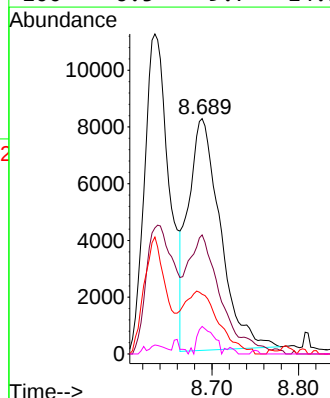
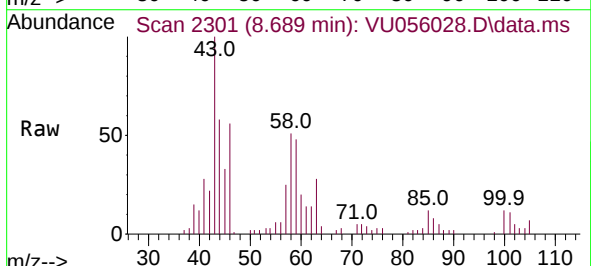
Ion Ratio Lower Upper

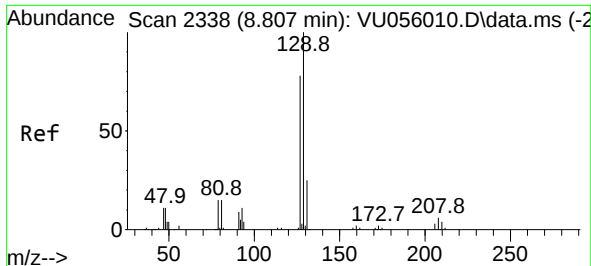
43 100

58 49.0 49.5 74.3#

57 29.7 16.9 25.3#

100 6.5 9.7 14.5#

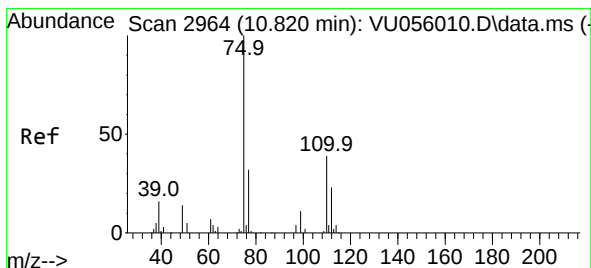
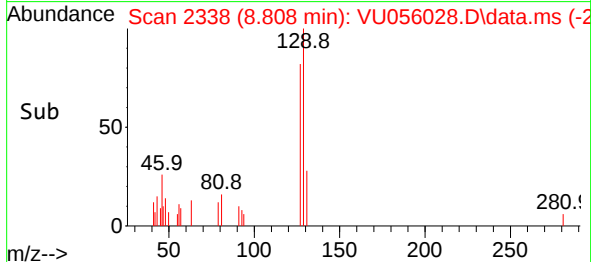
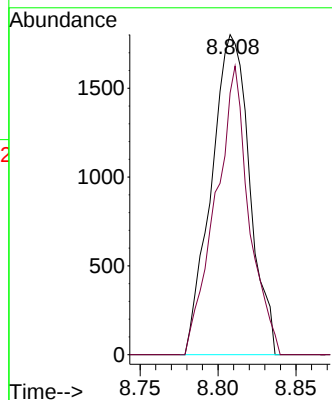
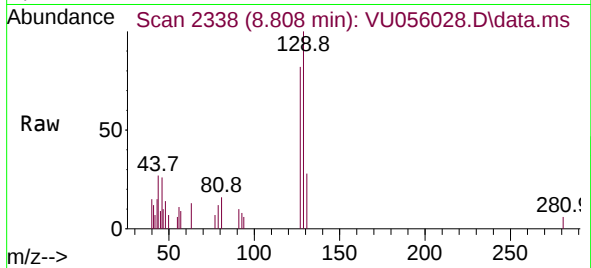




#49
Dibromochloromethane
Concen: 0.228 ug/L
RT: 8.808 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056028.D
Acq: 31 Oct 2023 21:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 3092
Ion Ratio Lower Upper
129 100
127 81.8 53.5 99.5



#61
1,2,3-Trichloropropane
Concen: 1.668 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.991 min
Lab File: VU056028.D
Acq: 31 Oct 2023 21:21

Tgt Ion: 75 Resp: 12555
Ion Ratio Lower Upper
75 100
110 2.9 29.0 43.6#
77 32.0 24.5 36.7

