

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050624\
 Data File : VU058826.D
 Acq On : 06 May 2024 11:51
 Operator : MD/SY
 Sample : P2392-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 01:09:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 07 01:07:14 2024
 Response via : Initial Calibration

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

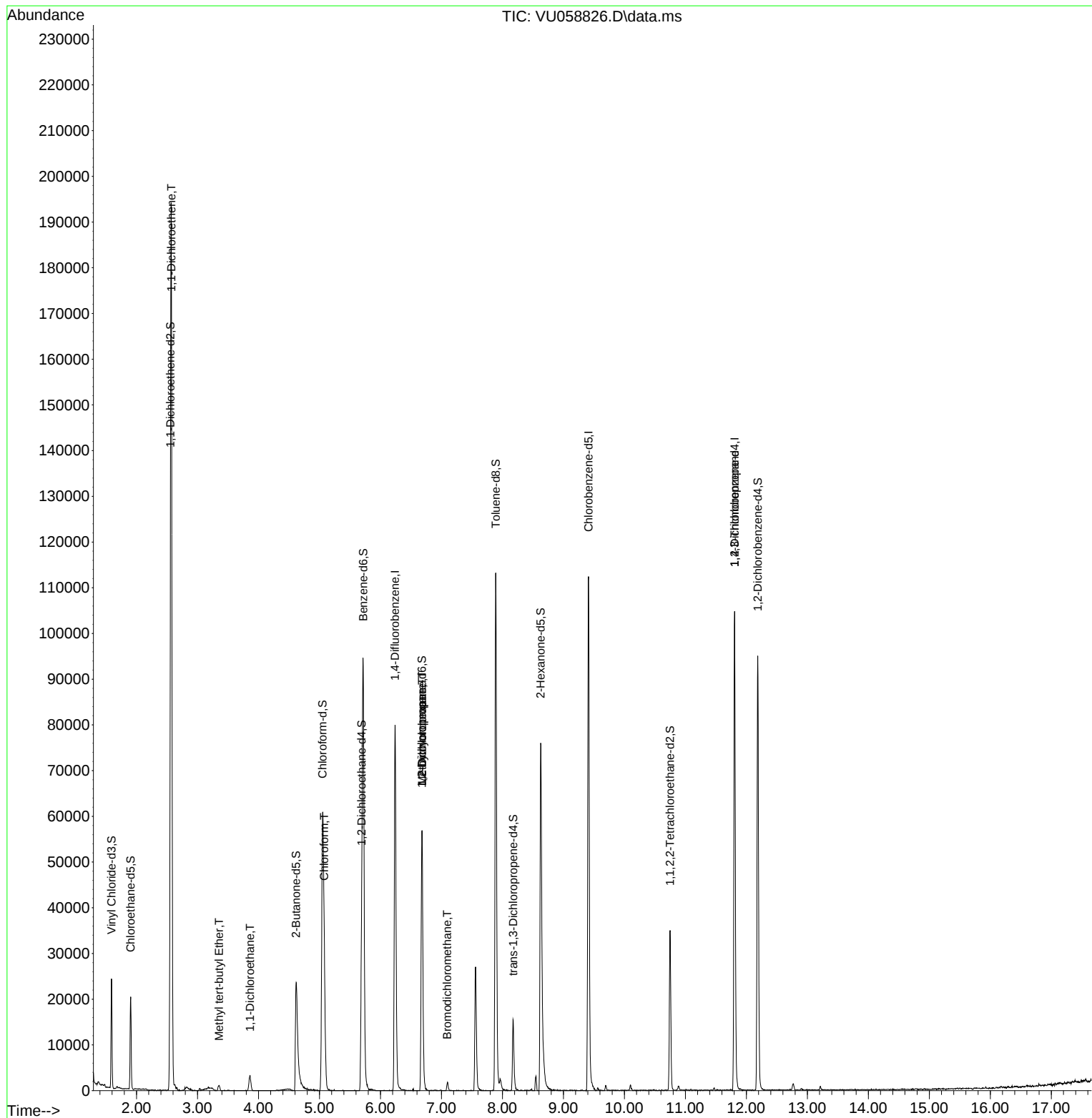
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	64779	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	62479	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28269	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	15880	3.117	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.904	69	13287	3.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.200%
11) 1,1-Dichloroethene-d2	2.557	65	10130	3.949	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.618	46	38685	43.212	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.420%
24) Chloroform-d	5.049	84	51963	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.692	65	26585	5.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.717	84	86220	4.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.679	67	24799	4.181	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.891	98	76122	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.177	79	9465	4.383	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.627	63	26082	40.757	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.520%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	16730	4.631	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	25395	5.154	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	53198	11.277	ug/L #	86
17) Methyl tert-butyl Ether	3.354	73	1518	0.142	ug/L #	84
19) 1,1-Dichloroethane	3.862	63	4351	0.435	ug/L	98
25) Chloroform	5.078	83	23786	2.287	ug/L	100
35) Methylcyclohexane	6.682	83	6212	0.695	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3304	0.585	ug/L #	89
38) Bromodichloromethane	7.094	83	1568	0.224	ug/L #	97
61) 1,2,3-Trichloropropane	11.807	75	3087	1.200	ug/L #	62

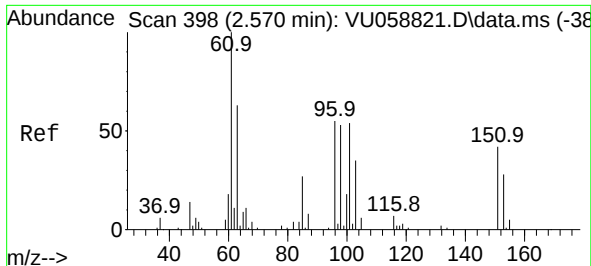
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 11.277 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.000 min

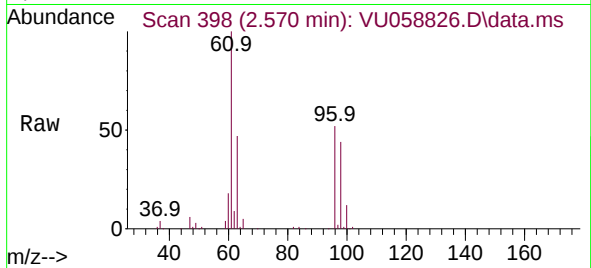
Lab File: VU058826.D

Acq: 06 May 2024 11:51

Instrument :

MSVOA_U

ClientSampleId :



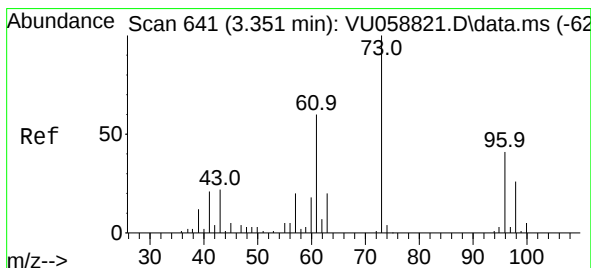
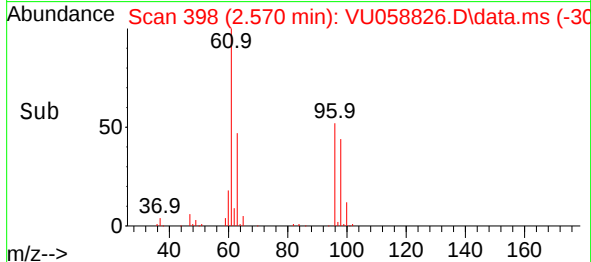
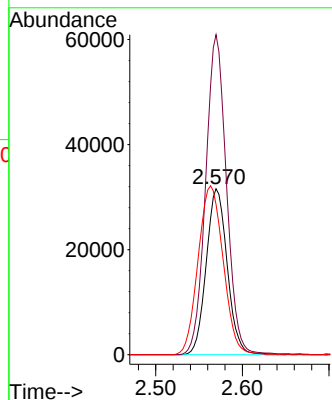
Tgt Ion: 96 Resp: 53198

Ion Ratio Lower Upper

96 100

61 192.9 135.3 251.3

63 90.5 91.9 170.7#



#17

Methyl tert-butyl Ether

Concen: 0.142 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU058826.D

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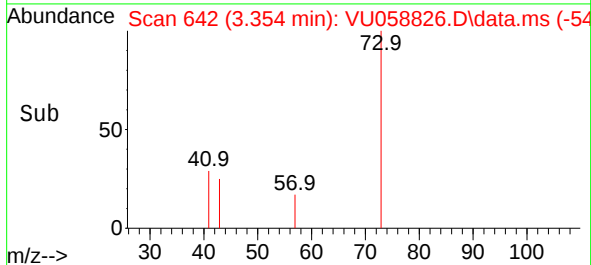
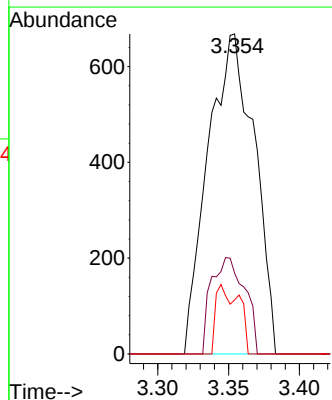
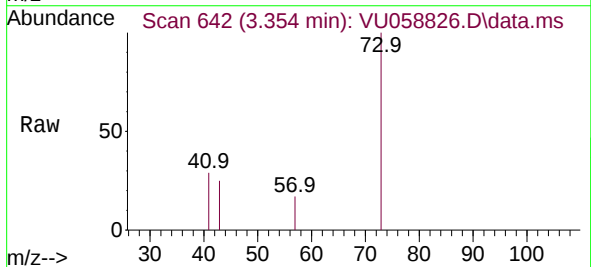
Tgt Ion: 73 Resp: 1518

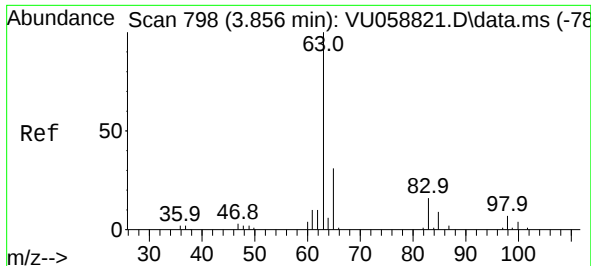
Ion Ratio Lower Upper

73 100

43 21.7 17.7 26.5

57 6.3 17.0 25.4#

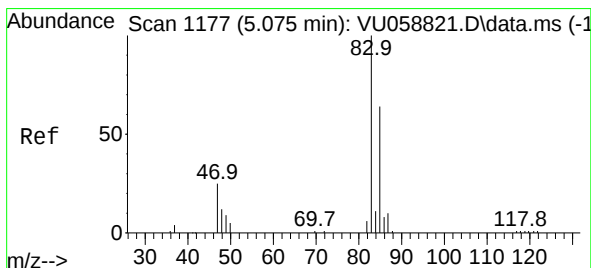
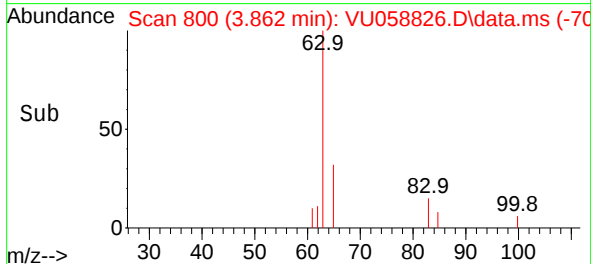
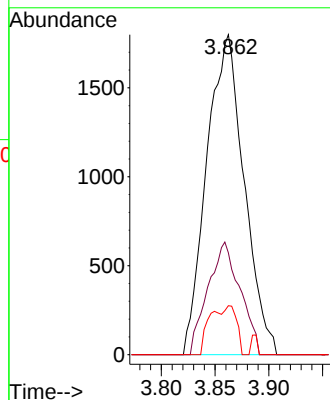
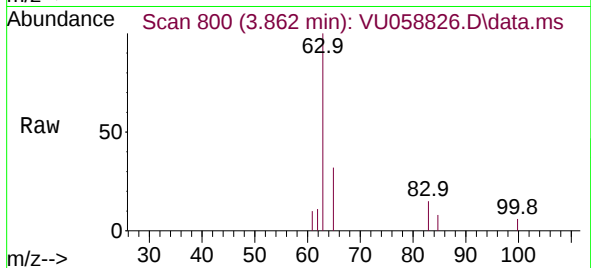




#19
1,1-Dichloroethane
Concen: 0.435 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.006 min
Lab File: VU058826.D
Acq: 06 May 2024 11:51

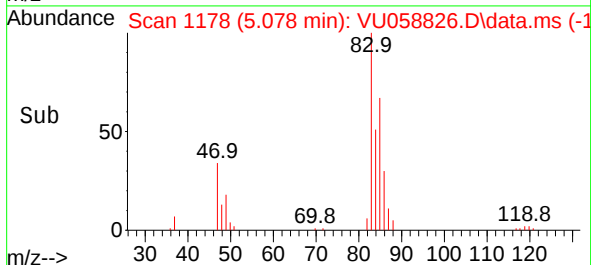
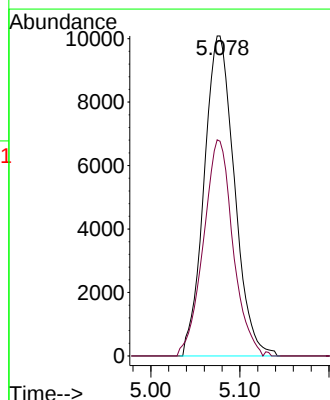
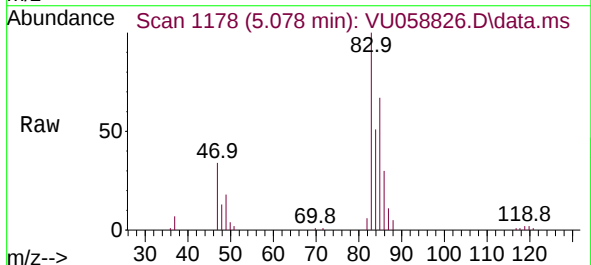
Instrument :
MSVOA_U
ClientSampleId :

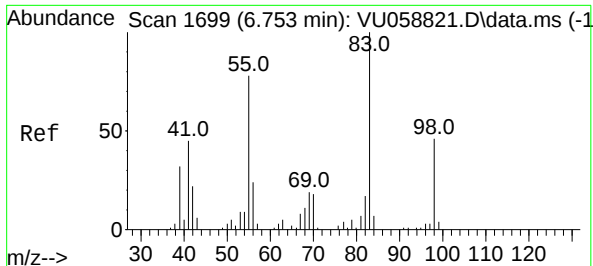
Tgt Ion: 63 Resp: 4351
Ion Ratio Lower Upper
63 100
65 31.9 21.6 40.2
83 15.3 9.5 17.7



#25
Chloroform
Concen: 2.287 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU058826.D
Acq: 06 May 2024 11:51

Tgt Ion: 83 Resp: 23786
Ion Ratio Lower Upper
83 100
85 67.1 47.0 87.4





#35

Methylcyclohexane

Concen: 0.695 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU058826.D

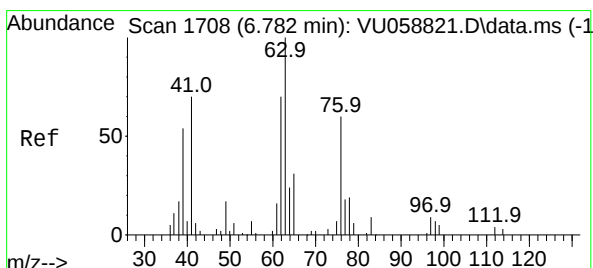
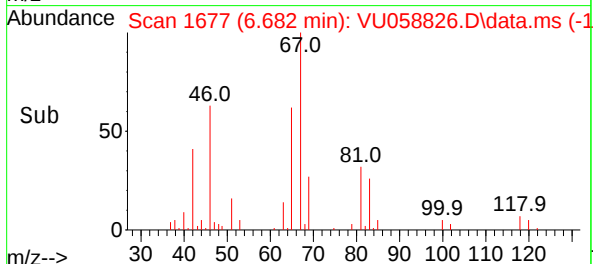
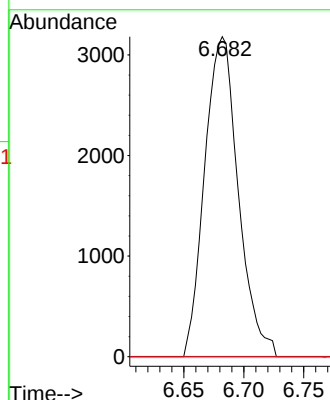
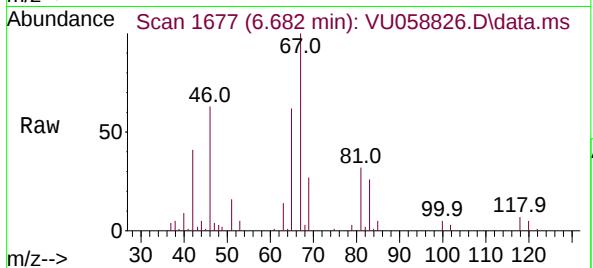
Acq: 06 May 2024 11:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 6212
Ion Ratio	Lower Upper
83	100
55	0.0 66.6 100.0#
98	0.0 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 0.585 ug/L

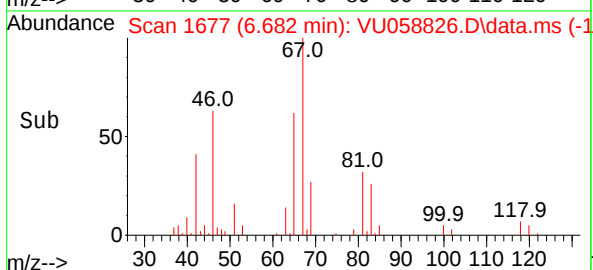
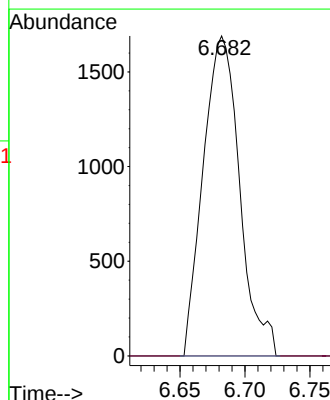
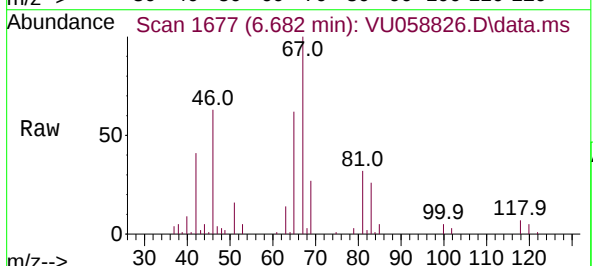
RT: 6.682 min Scan# 1677

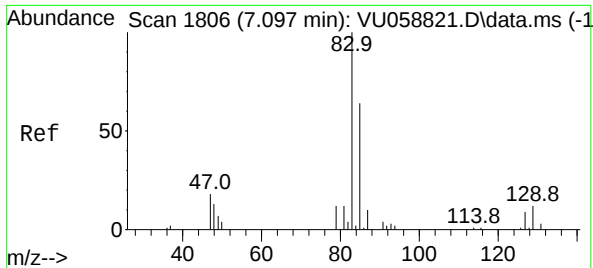
Delta R.T. -0.100 min

Lab File: VU058826.D

Acq: 06 May 2024 11:51

Tgt Ion: 63	Resp: 3304
Ion Ratio	Lower Upper
63	100
112	0.0 2.8 4.2#

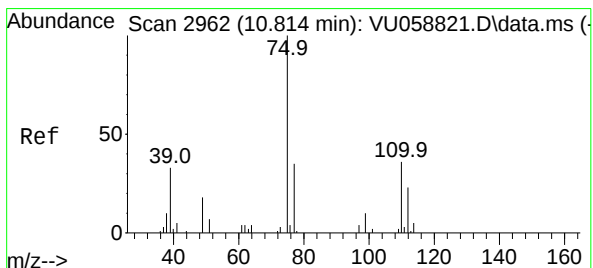
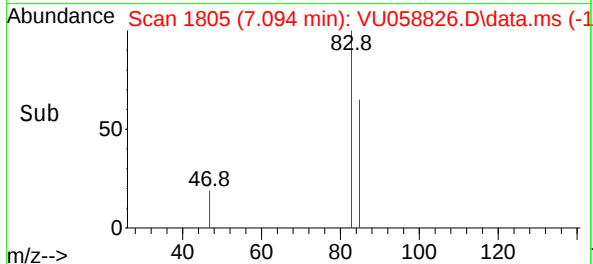
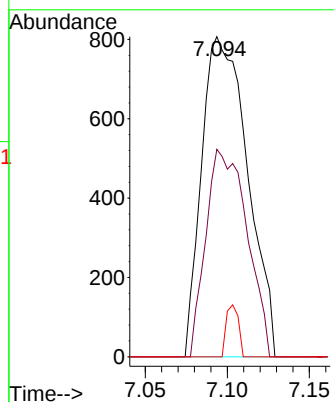
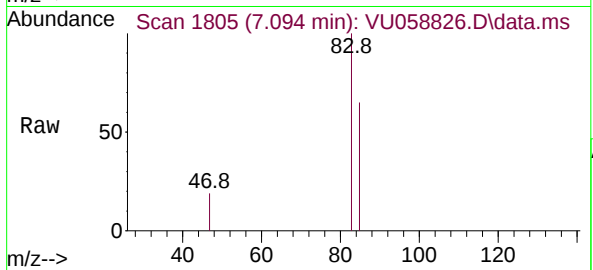




#38
Bromodichloromethane
Concen: 0.224 ug/L
RT: 7.094 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU058826.D
Acq: 06 May 2024 11:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 1568
Ion Ratio Lower Upper
83 100
85 64.8 45.2 84.0
127 0.0 6.3 9.5#



#61
1,2,3-Trichloropropane
Concen: 1.200 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.993 min
Lab File: VU058826.D
Acq: 06 May 2024 11:51

Tgt Ion: 75 Resp: 3087
Ion Ratio Lower Upper
75 100
110 0.6 28.6 43.0#
77 39.6 25.4 38.2#

