

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058426.D
 Acq On : 05 Apr 2024 17:56
 Operator : MD/SY
 Sample : P1970-04DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 23:38:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 23:33:02 2024
 Response via : Initial Calibration

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

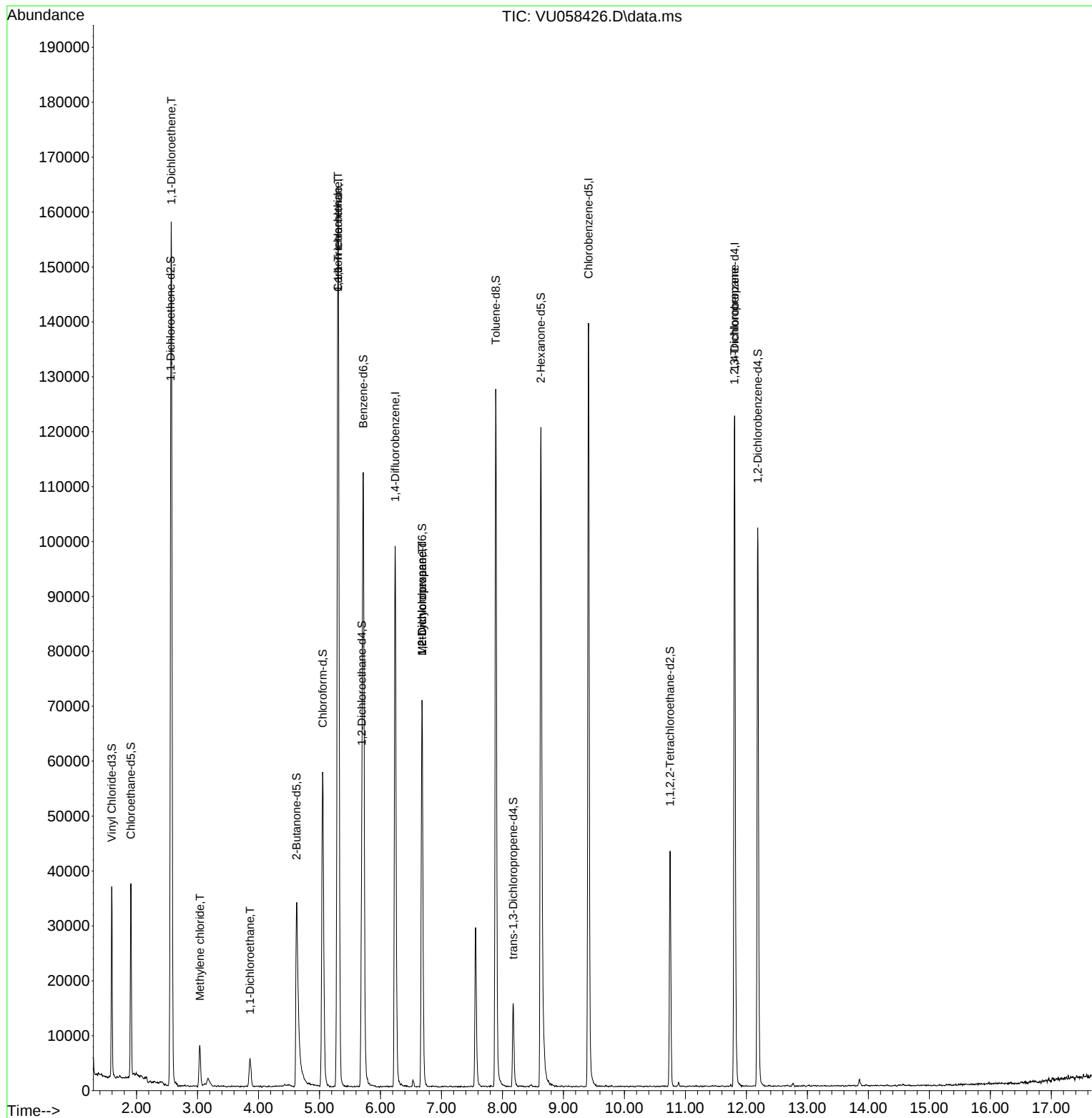
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	78471	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	76596	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32343	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24330	4.683	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	93.600%		
7) Chloroethane-d5	1.907	69	23980	5.311	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	106.200%		
11) 1,1-Dichloroethene-d2	2.560	65	11522	4.900	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	98.000%		
20) 2-Butanone-d5	4.624	46	62854	57.409	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery =	114.820%		
24) Chloroform-d	5.052	84	52459	5.058	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	101.200%		
26) 1,2-Dichloroethane-d4	5.695	65	26816	5.540	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	110.800%		
32) Benzene-d6	5.717	84	104850	5.084	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	101.600%		
36) 1,2-Dichloropropane-d6	6.682	67	34009	5.259	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	105.200%		
41) Toluene-d8	7.891	98	84127	4.600	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	92.000%		
43) trans-1,3-Dichloroprop...	8.177	79	9654	4.809	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	96.200%		
46) 2-Hexanone-d5	8.630	63	43270	52.260	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	104.520%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	22372	4.900	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	98.000%		
66) 1,2-Dichlorobenzene-d4	12.187	152	26841	4.927	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	98.600%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	40281	7.243	ug/L	92
16) Methylene chloride	3.039	84	3521	0.477	ug/L	97
19) 1,1-Dichloroethane	3.862	63	6766	0.532	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	113925	11.094	ug/L	99
31) Carbon tetrachloride	5.306	117	14137	1.625	ug/L	99
35) Methylcyclohexane	6.682	83	7551	0.716	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3599	0.493	ug/L #	90
61) 1,2,3-Trichloropropane	11.804	75	4844	1.468	ug/L #	68

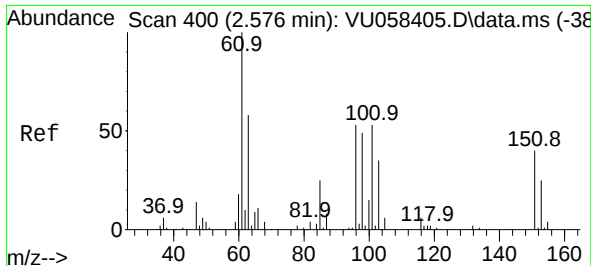
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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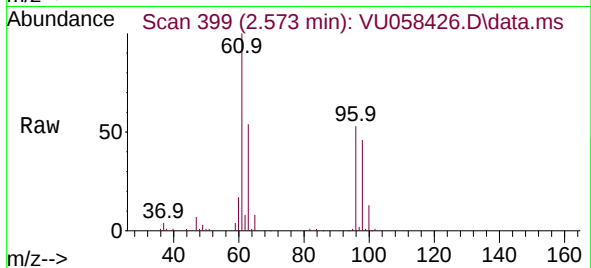
Quant Time: Apr 05 23:38:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
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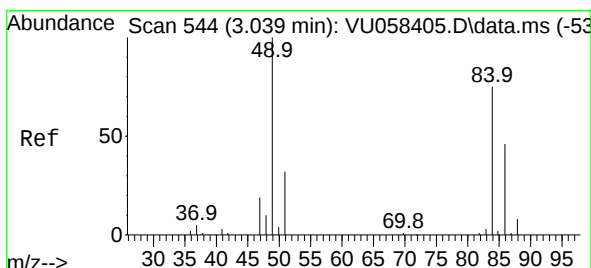
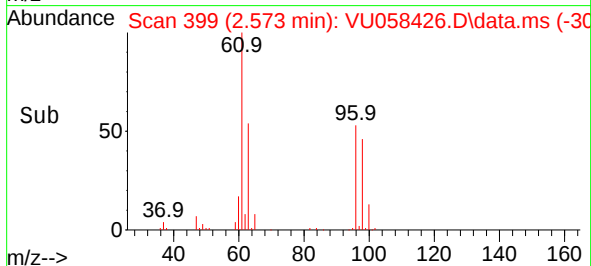
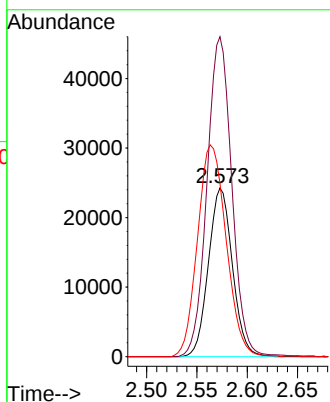
#12
1,1-Dichloroethene
Concen: 7.243 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU058426.D
Acq: 05 Apr 2024 17:56

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 40281

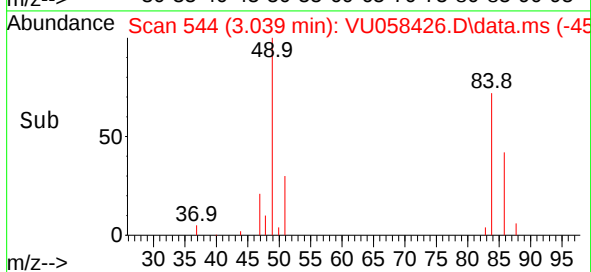
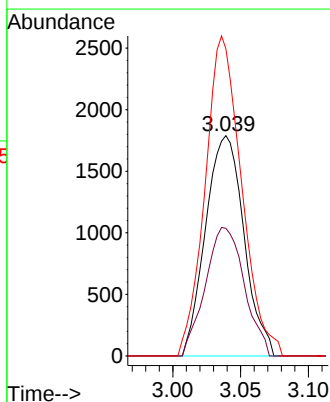
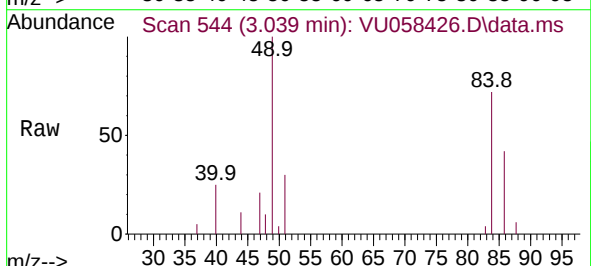
Ion	Ratio	Lower	Upper
96	100		
61	189.8	132.5	246.1
63	102.9	87.7	162.9

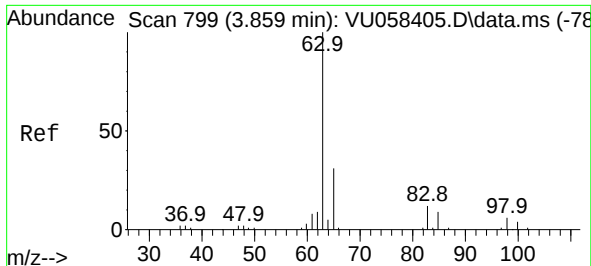


#16
Methylene chloride
Concen: 0.477 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU058426.D
Acq: 05 Apr 2024 17:56

Tgt Ion: 84 Resp: 3521

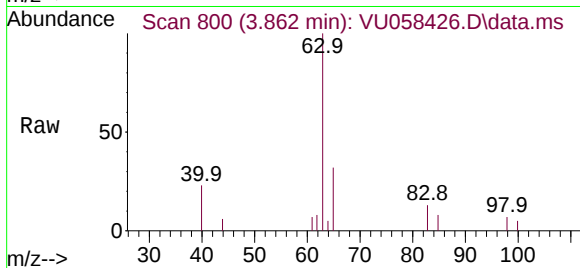
Ion	Ratio	Lower	Upper
84	100		
86	57.9	44.3	82.3
49	139.4	96.0	178.2





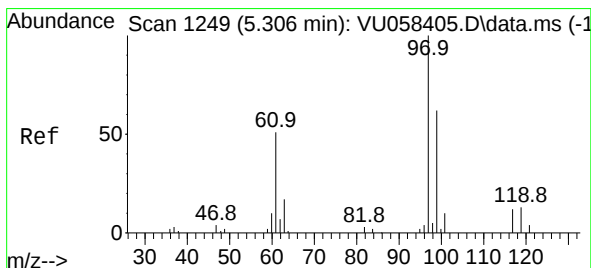
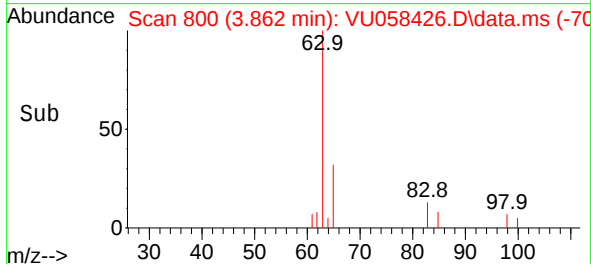
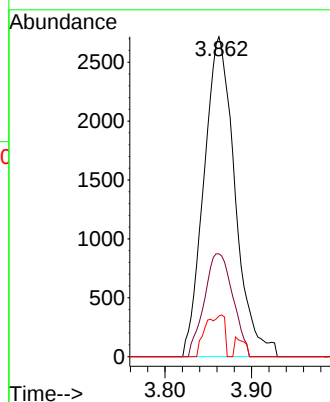
#19
 1,1-Dichloroethane
 Concen: 0.532 ug/L
 RT: 3.862 min Scan# 800
 Delta R.T. 0.003 min
 Lab File: VU058426.D
 Acq: 05 Apr 2024 17:56

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 63 Resp: 6766

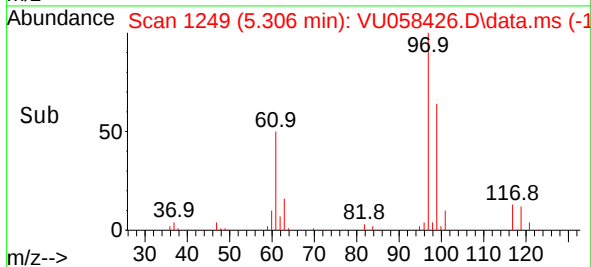
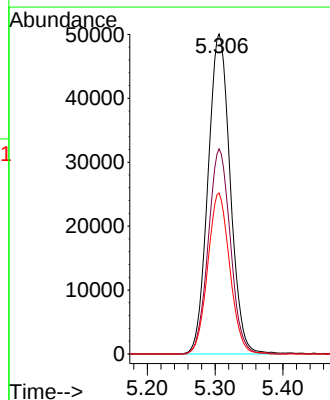
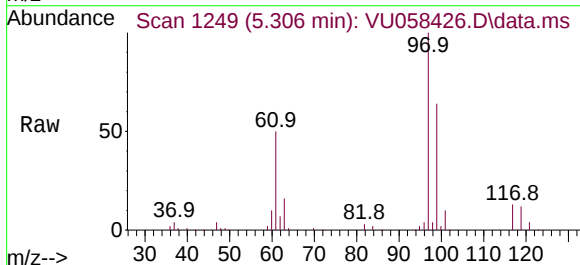
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.9	42.5
83	12.7	9.6	17.8

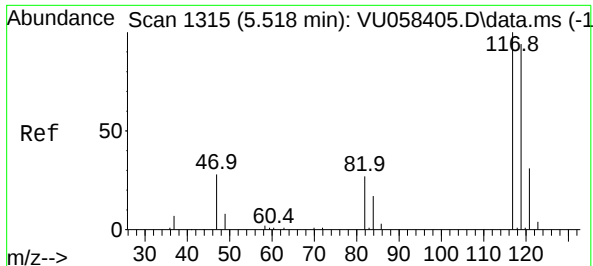


#29
 1,1,1-Trichloroethane
 Concen: 11.094 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. -0.000 min
 Lab File: VU058426.D
 Acq: 05 Apr 2024 17:56

Tgt Ion: 97 Resp: 113925

Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.4	75.6
61	49.8	39.4	59.0

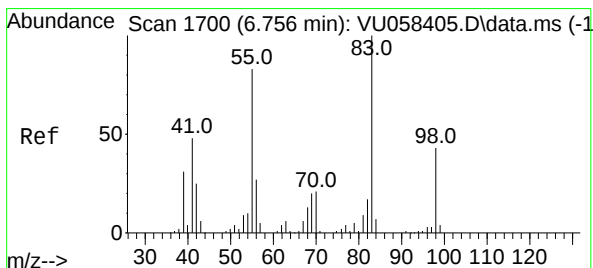
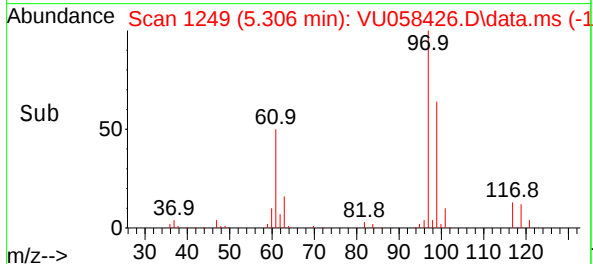
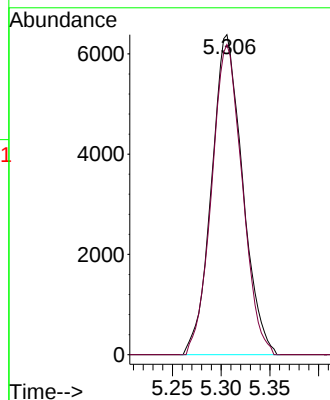
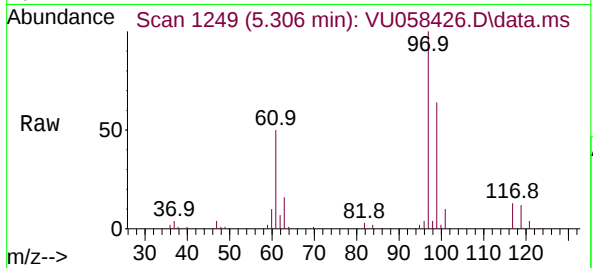




#31
Carbon tetrachloride
Concen: 1.625 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.212 min
Lab File: VU058426.D
Acq: 05 Apr 2024 17:56

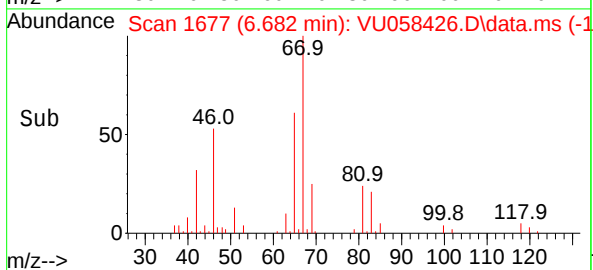
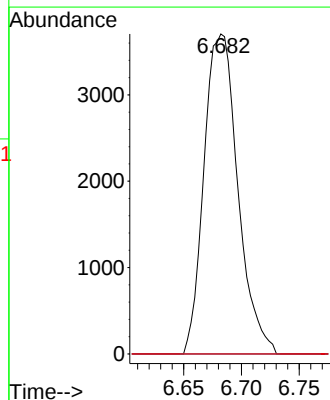
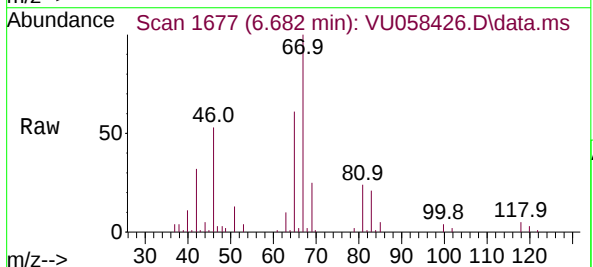
Instrument :
MSVOA_U
ClientSampleId :

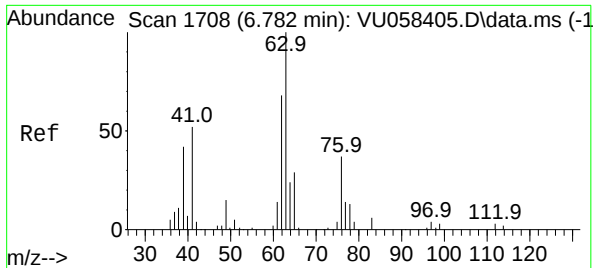
Tgt Ion:117 Resp: 14137
Ion Ratio Lower Upper
117 100
119 95.3 76.7 115.1



#35
Methylcyclohexane
Concen: 0.716 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058426.D
Acq: 05 Apr 2024 17:56

Tgt Ion: 83 Resp: 7551
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

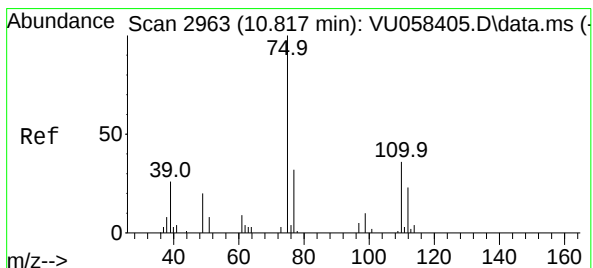
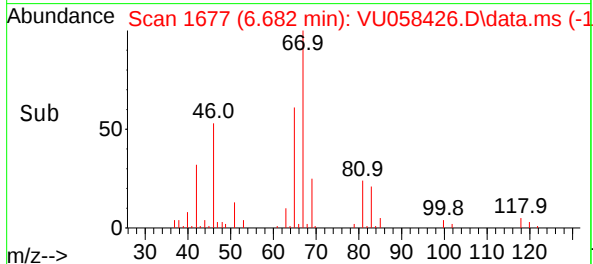
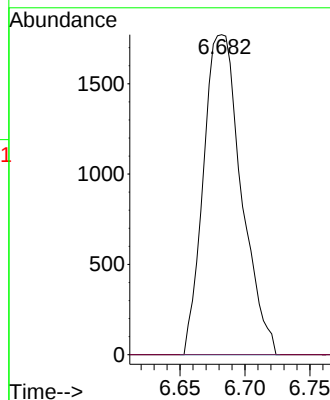
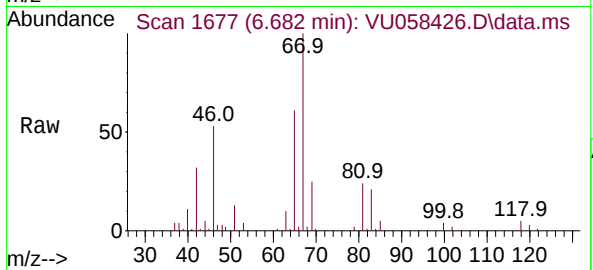




#37
1,2-Dichloropropane
Concen: 0.493 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058426.D
Acq: 05 Apr 2024 17:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3599
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.468 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU058426.D
Acq: 05 Apr 2024 17:56

Tgt Ion: 75 Resp: 4844
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 28.2 25.1 37.7

