

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
 Data File : VU058524.D
 Acq On : 09 Apr 2024 18:47
 Operator : MD/SY
 Sample : P1997-18 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 01:17:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 10 01:12:33 2024
 Response via : Initial Calibration

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

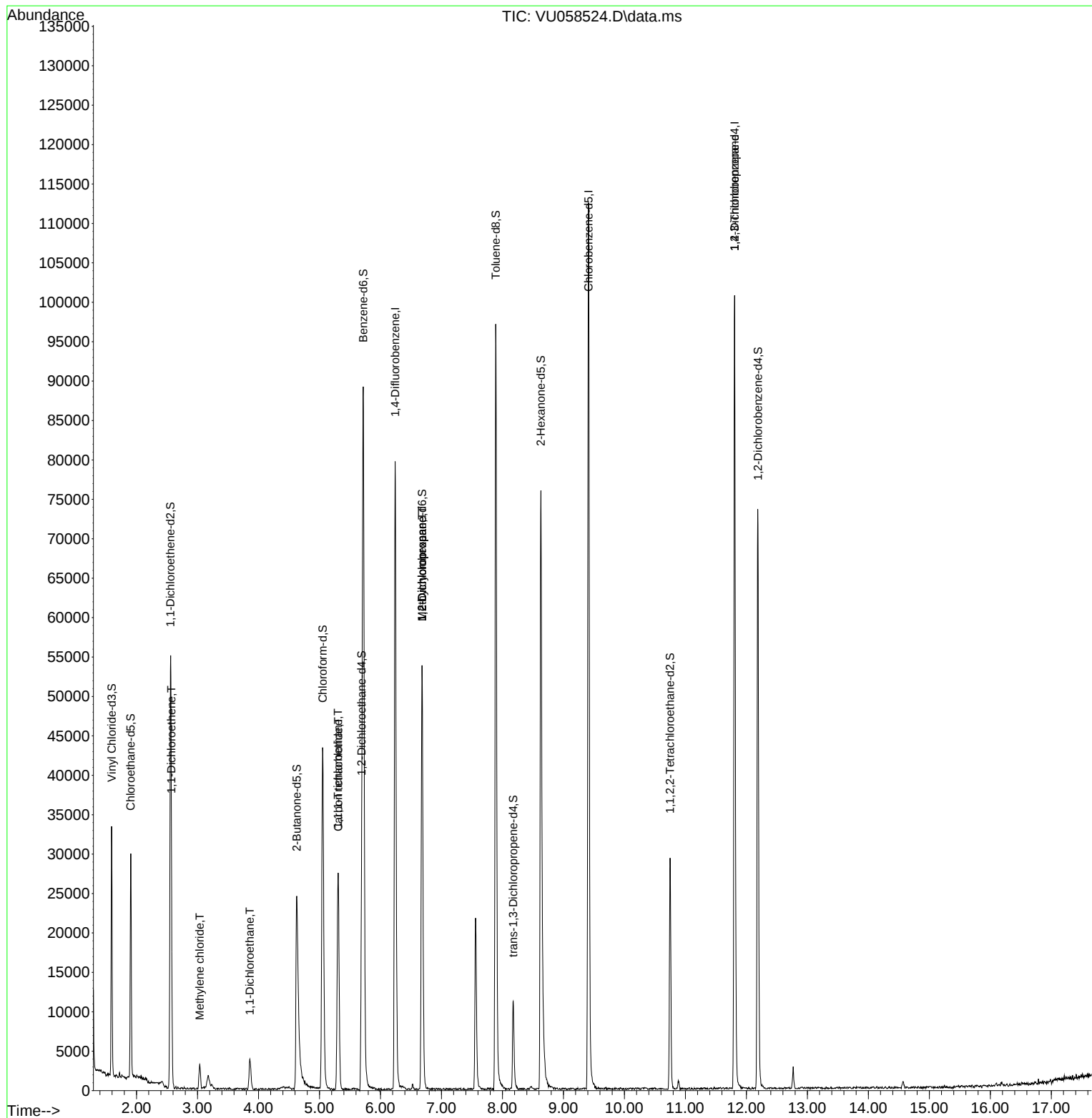
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	62539	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	61444	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26387	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21716	5.245	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.800%			
7) Chloroethane-d5	1.904	69	19537	5.430	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.600%			
11) 1,1-Dichloroethene-d2	2.557	65	9984	5.327	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.600%			
20) 2-Butanone-d5	4.628	46	39119	44.832	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.660%			
24) Chloroform-d	5.052	84	40764	4.932	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.600%			
26) 1,2-Dichloroethane-d4	5.692	65	19662	5.097	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.000%			
32) Benzene-d6	5.718	84	80575	4.871	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.400%			
36) 1,2-Dichloropropane-d6	6.682	67	25358	4.888	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.800%			
41) Toluene-d8	7.891	98	65195	4.444	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.800%			
43) trans-1,3-Dichloroprop...	8.177	79	7028	4.364	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.200%			
46) 2-Hexanone-d5	8.631	63	26681	40.171	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.340%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	15365	4.195	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.000%			
66) 1,2-Dichlorobenzene-d4	12.190	152	19526	4.394	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.800%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	3677	0.830	ug/L #	1
16) Methylene chloride	3.036	84	1383	0.235	ug/L	91
19) 1,1-Dichloroethane	3.859	63	5175	0.510	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	19679	2.389	ug/L	97
31) Carbon tetrachloride	5.309	117	2431	0.348	ug/L	94
35) Methylcyclohexane	6.682	83	5570	0.658	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	2821	0.481	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	3640	1.352	ug/L #	68

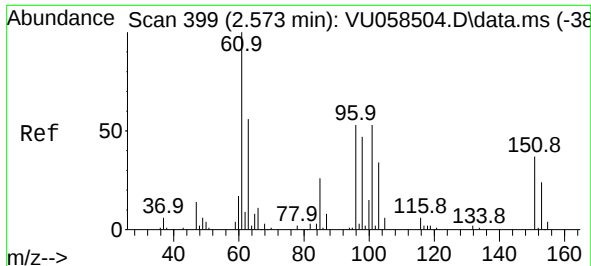
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 10 01:12:33 2024
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#12

1,1-Dichloroethene

Concen: 0.830 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU058524.D

Acq: 09 Apr 2024 18:47

Instrument :

MSVOA_U

ClientSampleId :

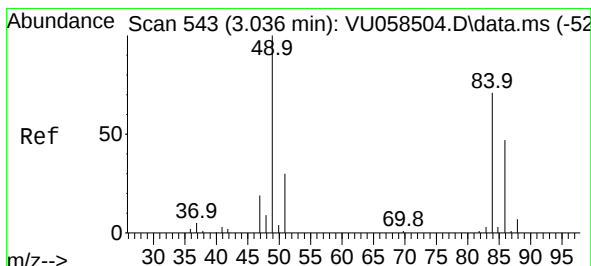
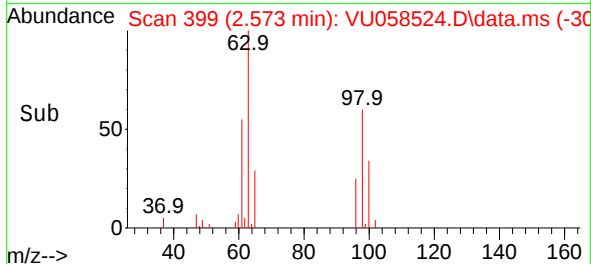
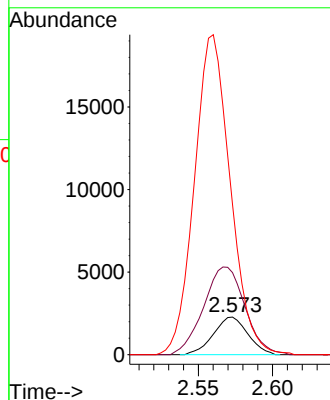
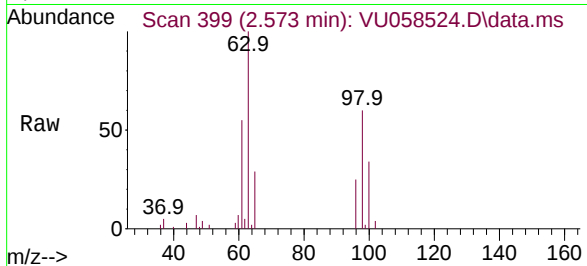
Tgt Ion: 96 Resp: 3677

Ion Ratio Lower Upper

96 100

61 218.1 132.5 246.1

63 398.9 87.7 162.9#



#16

Methylene chloride

Concen: 0.235 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU058524.D

Acq: 09 Apr 2024 18:47

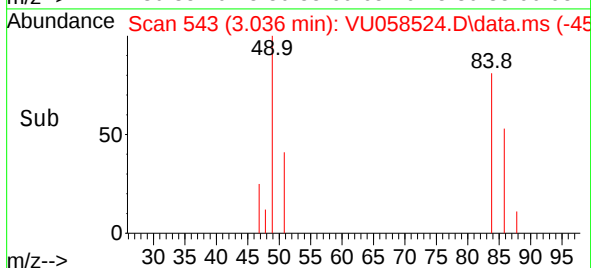
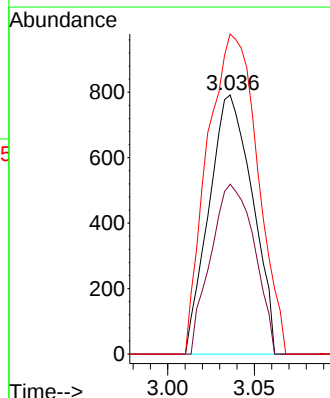
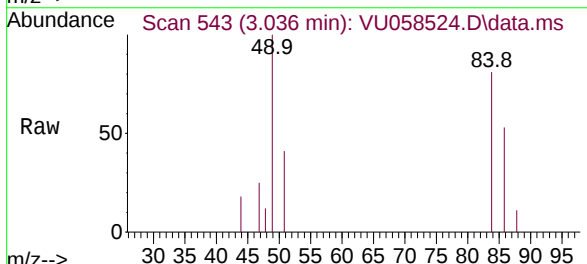
Tgt Ion: 84 Resp: 1383

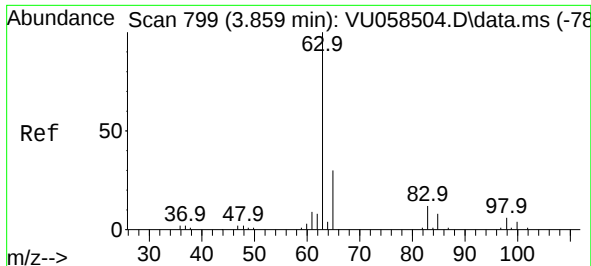
Ion Ratio Lower Upper

84 100

86 65.5 44.3 82.3

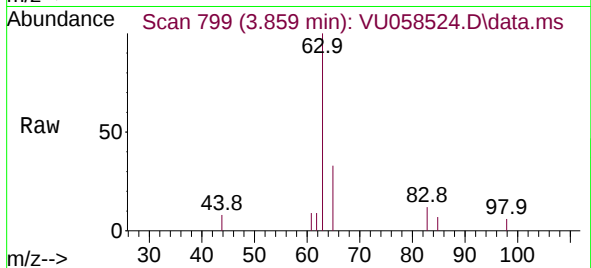
49 123.5 96.0 178.2



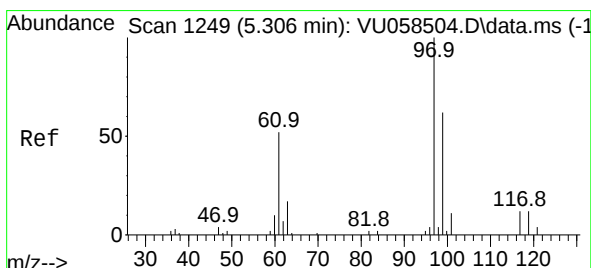
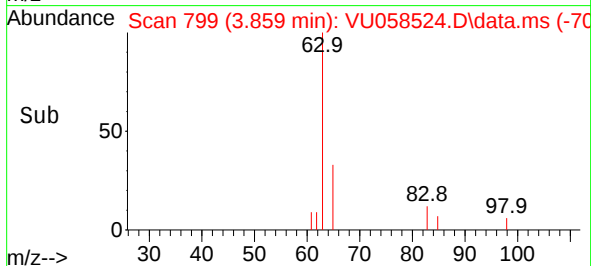
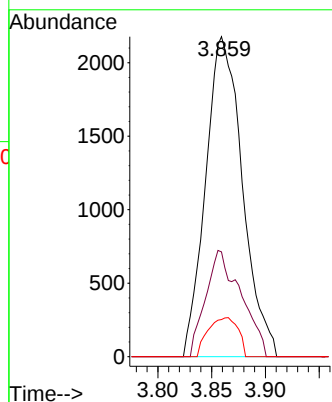


#19
 1,1-Dichloroethane
 Concen: 0.510 ug/L
 RT: 3.859 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VU058524.D
 Acq: 09 Apr 2024 18:47

Instrument :
 MSVOA_U
 ClientSampleId :

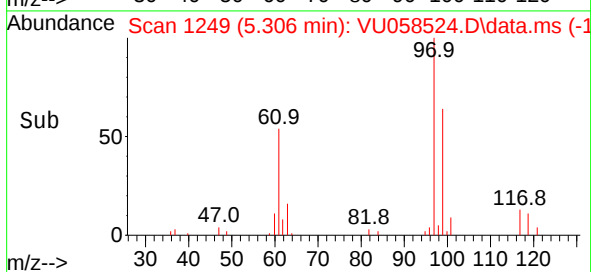
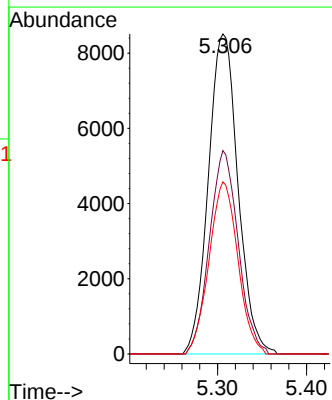
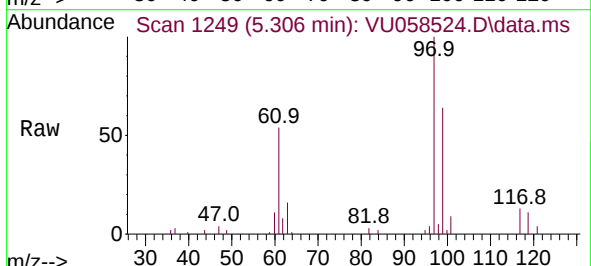


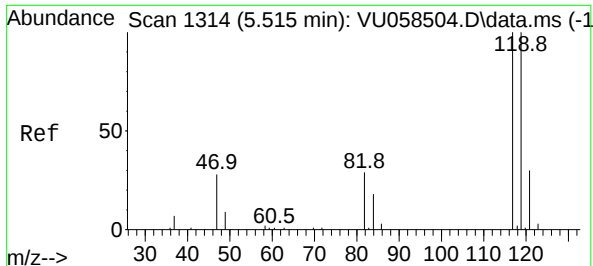
Tgt Ion:	63	Resp:	5175
Ion	Ratio	Lower	Upper
63	100		
65	32.8	22.9	42.5
83	11.6	9.6	17.8



#29
 1,1,1-Trichloroethane
 Concen: 2.389 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. -0.000 min
 Lab File: VU058524.D
 Acq: 09 Apr 2024 18:47

Tgt Ion:	97	Resp:	19679
Ion	Ratio	Lower	Upper
97	100		
99	61.6	50.4	75.6
61	52.3	39.4	59.0





#31

Carbon tetrachloride

Concen: 0.348 ug/L

RT: 5.309 min Scan# 1

Delta R.T. -0.206 min

Lab File: VU058524.D

Acq: 09 Apr 2024 18:47

Instrument :

MSVOA_U

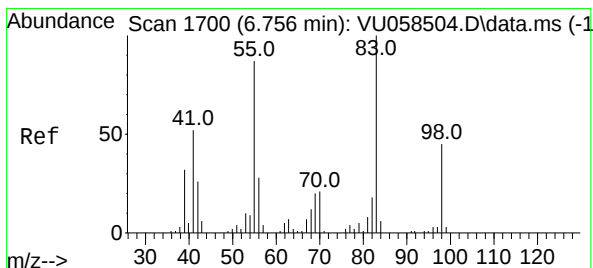
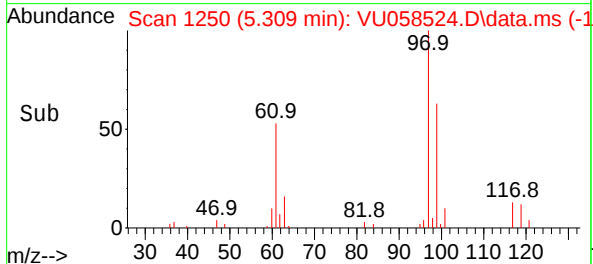
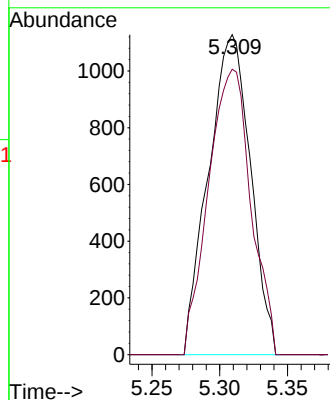
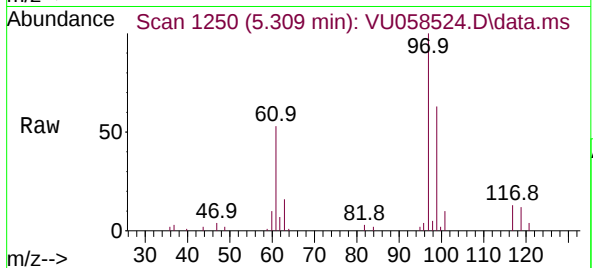
ClientSampleId :

Tgt Ion:117 Resp: 2431

Ion Ratio Lower Upper

117 100

119 90.3 76.7 115.1



#35

Methylcyclohexane

Concen: 0.658 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058524.D

Acq: 09 Apr 2024 18:47

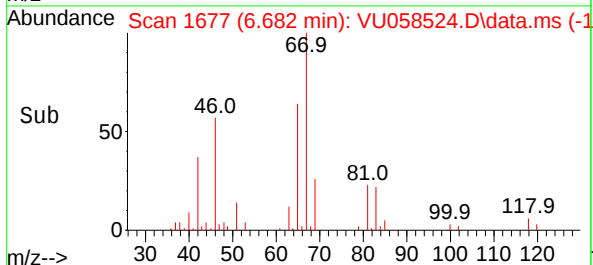
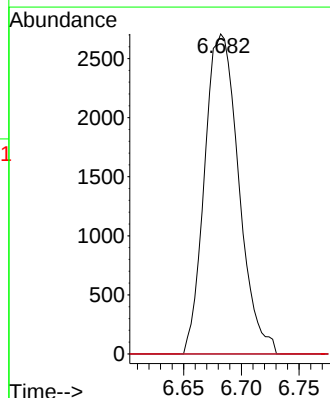
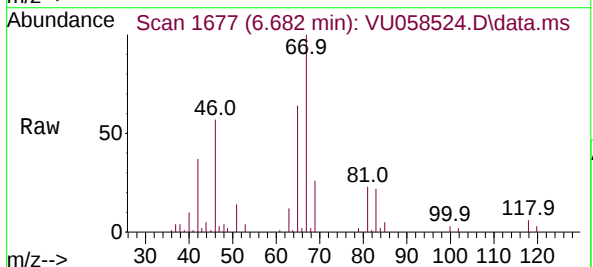
Tgt Ion: 83 Resp: 5570

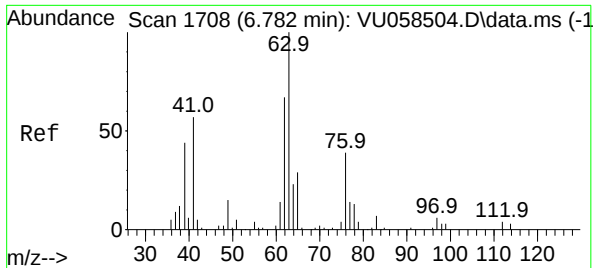
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#

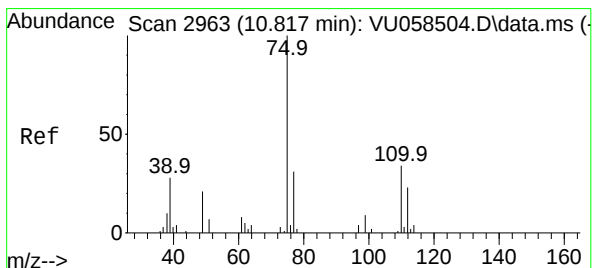
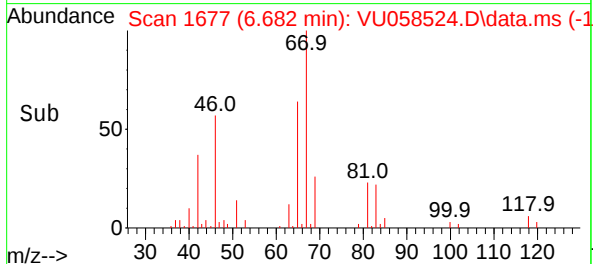
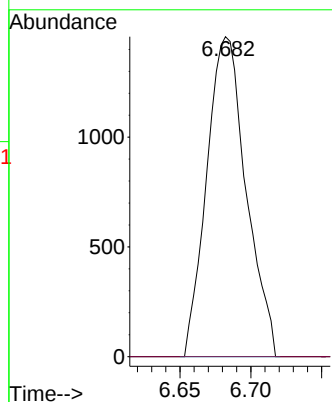
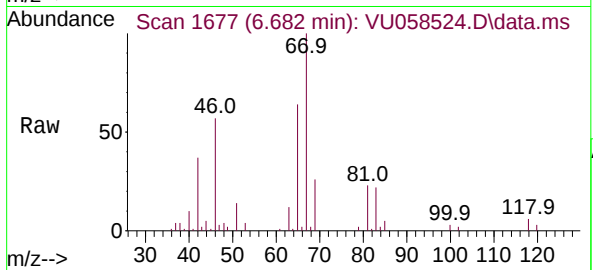




#37
1,2-Dichloropropane
Concen: 0.481 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058524.D
Acq: 09 Apr 2024 18:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 2821
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.352 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058524.D
Acq: 09 Apr 2024 18:47

Tgt Ion: 75 Resp: 3640
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 34.4 25.1 37.7

