

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058612.D
 Acq On : 11 Apr 2024 16:48
 Operator : MD/SY
 Sample : P1948-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:28:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 02:25:12 2024
 Response via : Initial Calibration

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

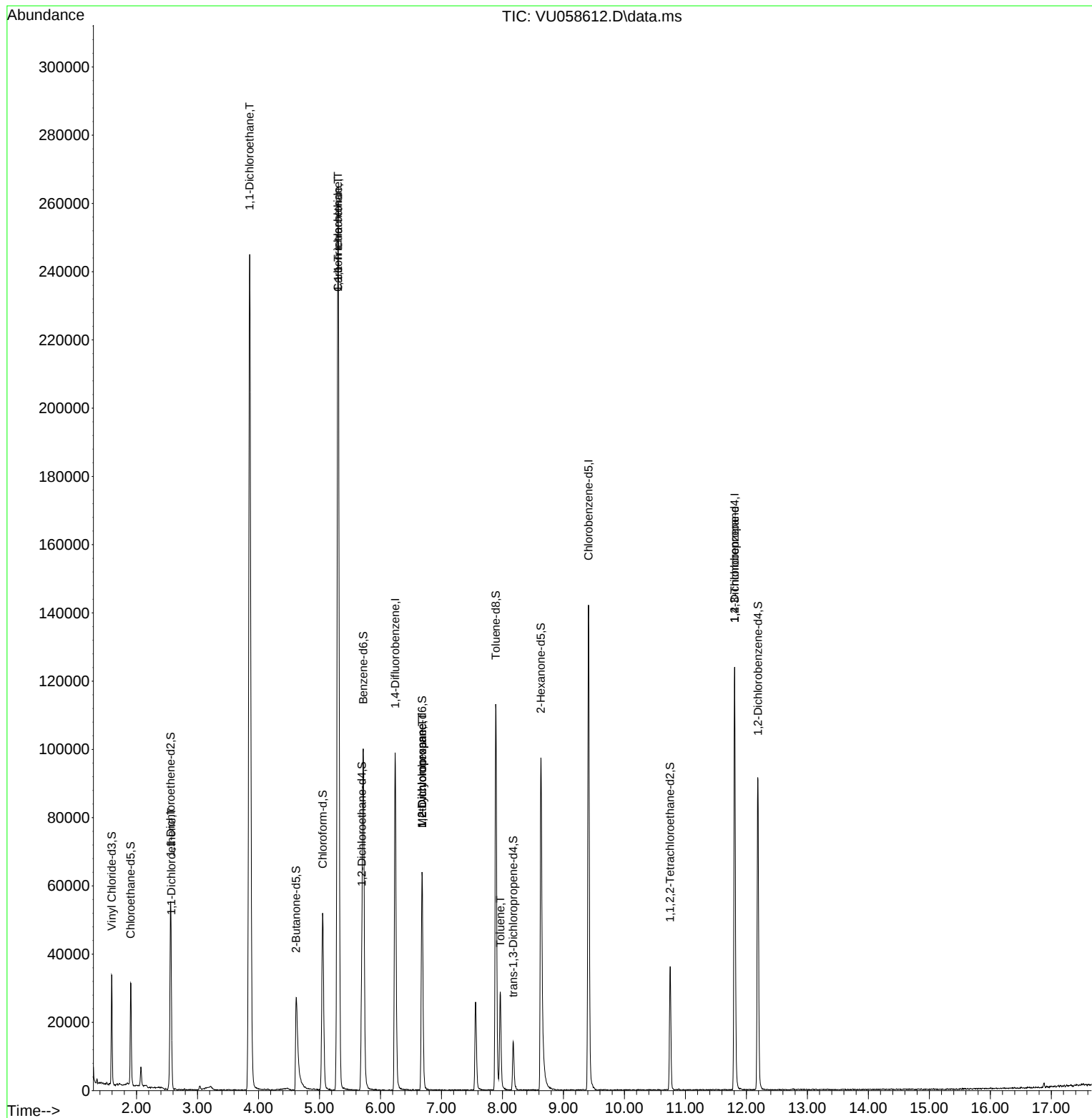
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	75391	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	74079	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31928	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21184	4.244	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.904	69	20300	4.680	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.560	65	10183	4.507	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.618	46	50195	47.719	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.440%
24) Chloroform-d	5.052	84	47758	4.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.695	65	23632	5.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.717	84	92028	4.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.682	67	30340	4.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.891	98	76097	4.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.177	79	8902	4.585	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.630	63	35061	43.784	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.560%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18925	4.286	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	23510	4.372	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	1638	0.307	ug/L #	1
19) 1,1-Dichloroethane	3.856	63	287845	23.551	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	182329	18.358	ug/L	98
31) Carbon tetrachloride	5.306	117	22467	2.671	ug/L	99
35) Methylcyclohexane	6.682	83	6545	0.642	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3265	0.462	ug/L #	90
42) Toluene	7.965	91	21209	0.753	ug/L	98
61) 1,2,3-Trichloropropane	11.807	75	4697	1.442	ug/L #	69

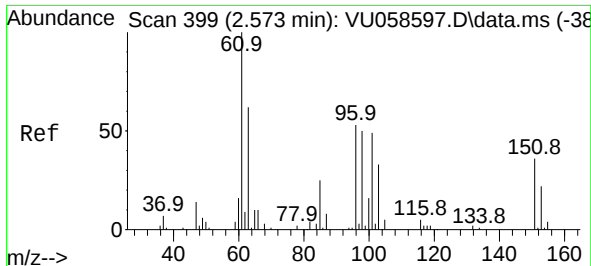
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.307 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU058612.D

Acq: 11 Apr 2024 16:48

Instrument :

MSVOA_U

ClientSampleId :

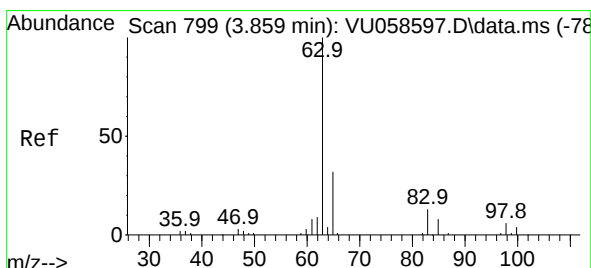
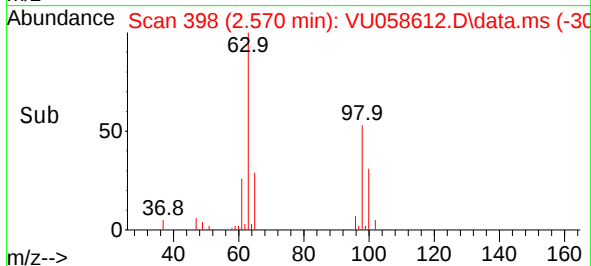
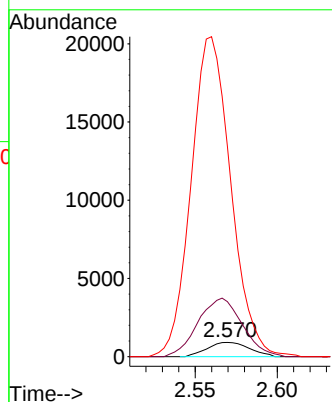
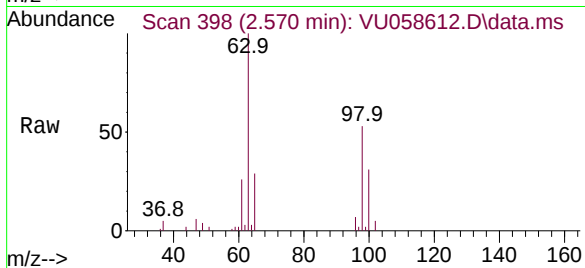
Tgt Ion: 96 Resp: 1638

Ion Ratio Lower Upper

96 100

61 384.7 132.5 246.1#

63 1470.1 87.7 162.9#



#19

1,1-Dichloroethane

Concen: 23.551 ug/L

RT: 3.856 min Scan# 798

Delta R.T. -0.003 min

Lab File: VU058612.D

Acq: 11 Apr 2024 16:48

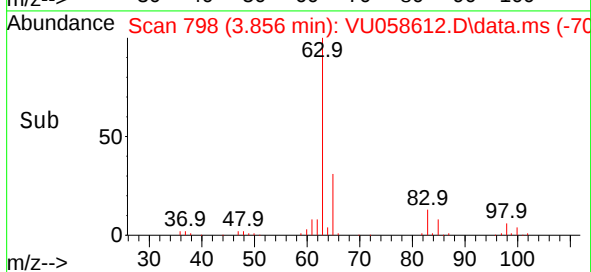
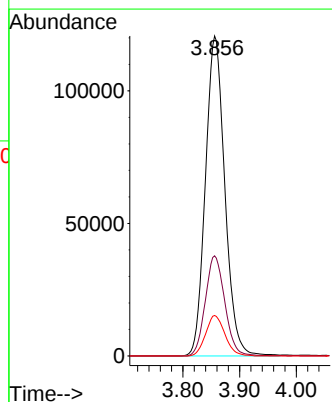
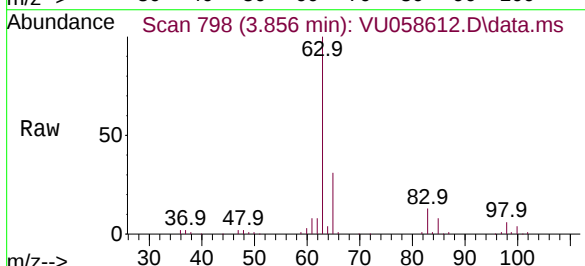
Tgt Ion: 63 Resp: 287845

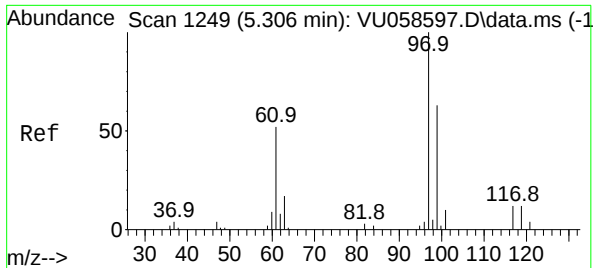
Ion Ratio Lower Upper

63 100

65 31.3 22.9 42.5

83 12.7 9.6 17.8

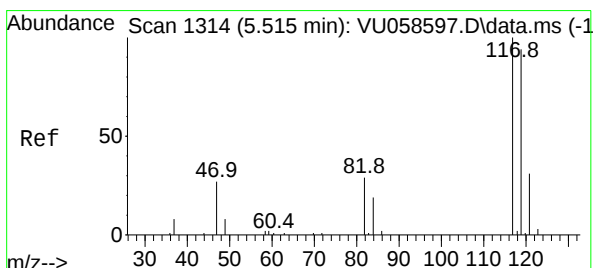
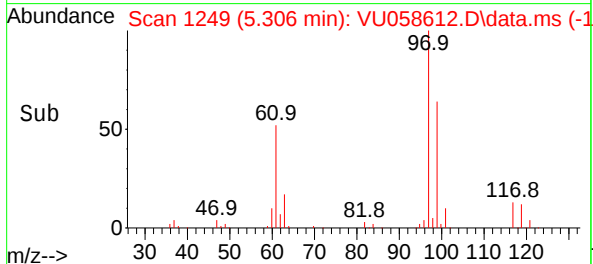
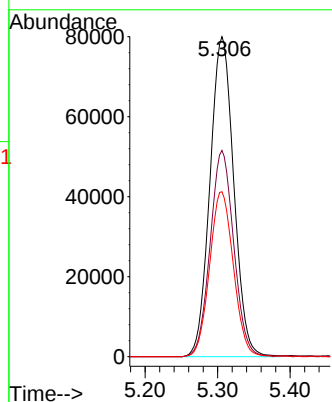
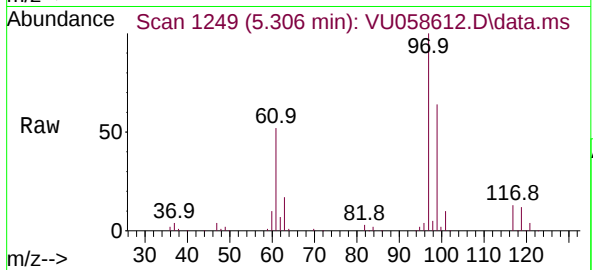




#29
1,1,1-Trichloroethane
Concen: 18.358 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058612.D
Acq: 11 Apr 2024 16:48

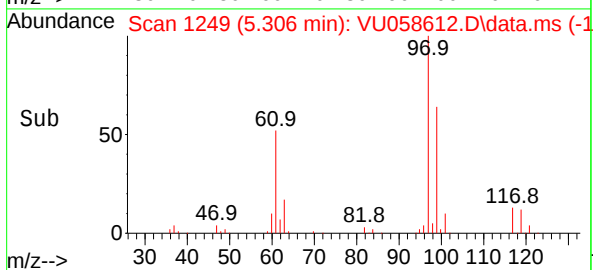
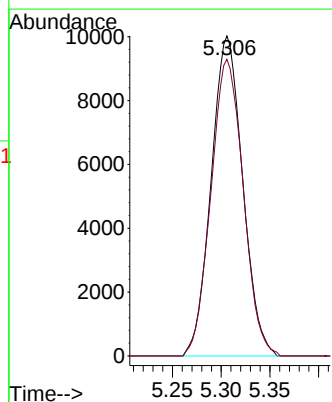
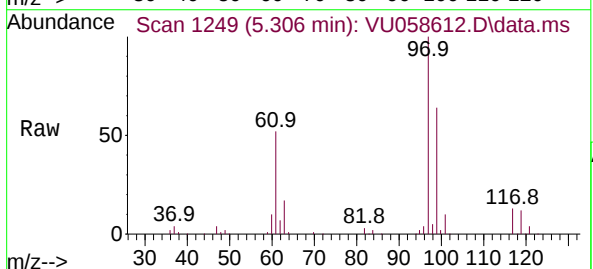
Instrument :
MSVOA_U
ClientSampleId :

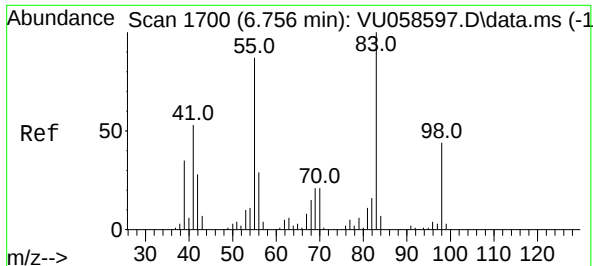
Tgt Ion:	97	Resp:	182329
Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.4	75.6
61	51.5	39.4	59.0



#31
Carbon tetrachloride
Concen: 2.671 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.209 min
Lab File: VU058612.D
Acq: 11 Apr 2024 16:48

Tgt Ion:	117	Resp:	22467
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.7	115.1





#35

Methylcyclohexane

Concen: 0.642 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058612.D

Acq: 11 Apr 2024 16:48

Instrument :

MSVOA_U

ClientSampleId :

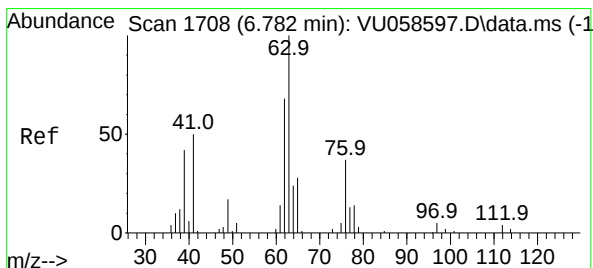
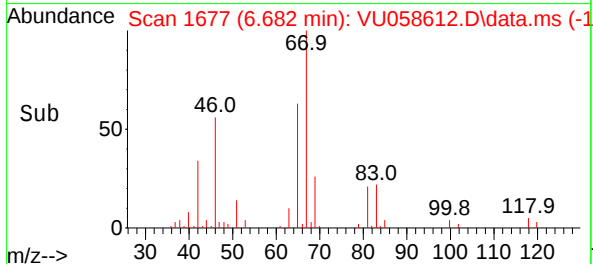
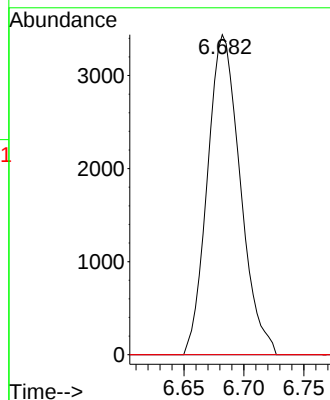
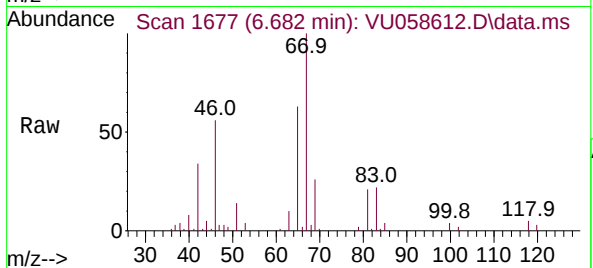
Tgt Ion: 83 Resp: 6545

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: 0.462 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058612.D

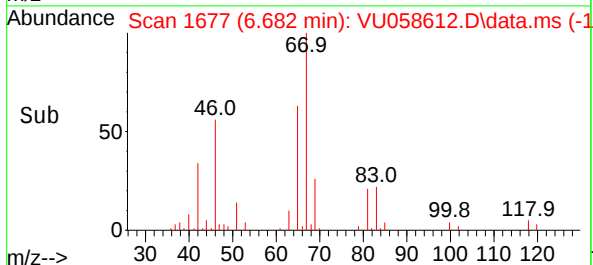
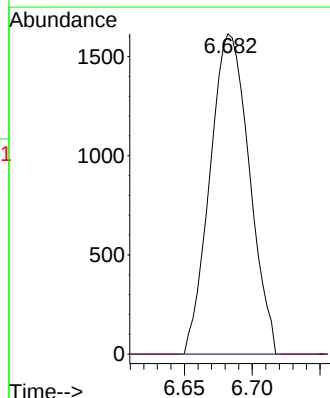
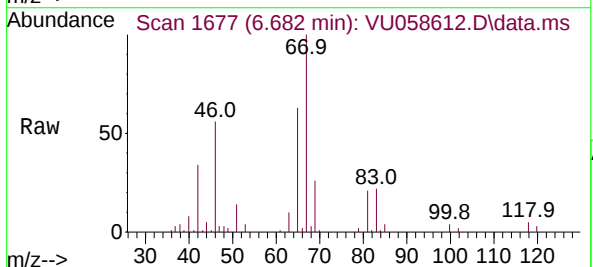
Acq: 11 Apr 2024 16:48

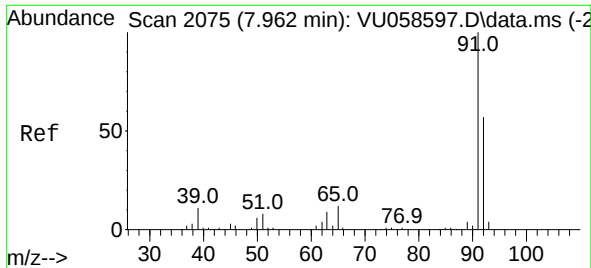
Tgt Ion: 63 Resp: 3265

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#42

Toluene

Concen: 0.753 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU058612.D

Acq: 11 Apr 2024 16:48

Instrument :

MSVOA_U

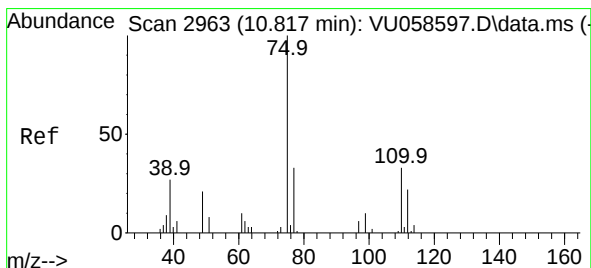
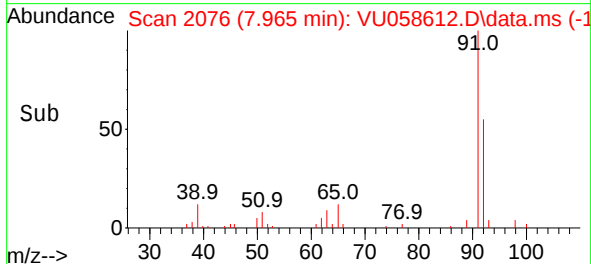
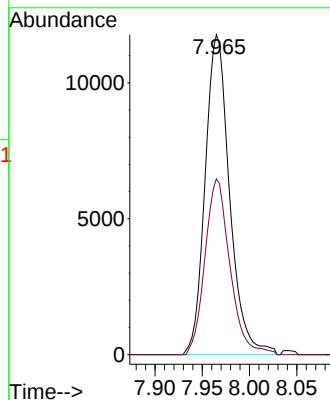
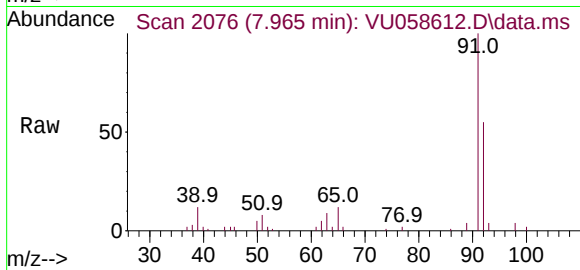
ClientSampleId :

Tgt Ion: 91 Resp: 21209

Ion Ratio Lower Upper

91 100

92 54.9 39.5 73.3



#61

1,2,3-Trichloropropane

Concen: 1.442 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058612.D

Acq: 11 Apr 2024 16:48

Tgt Ion: 75 Resp: 4697

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 28.8 25.1 37.7

