

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058398.D
 Acq On : 05 Apr 2024 04:15
 Operator : MD/SY
 Sample : P1948-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 05:17:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 00:02:56 2024
 Response via : Initial Calibration

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

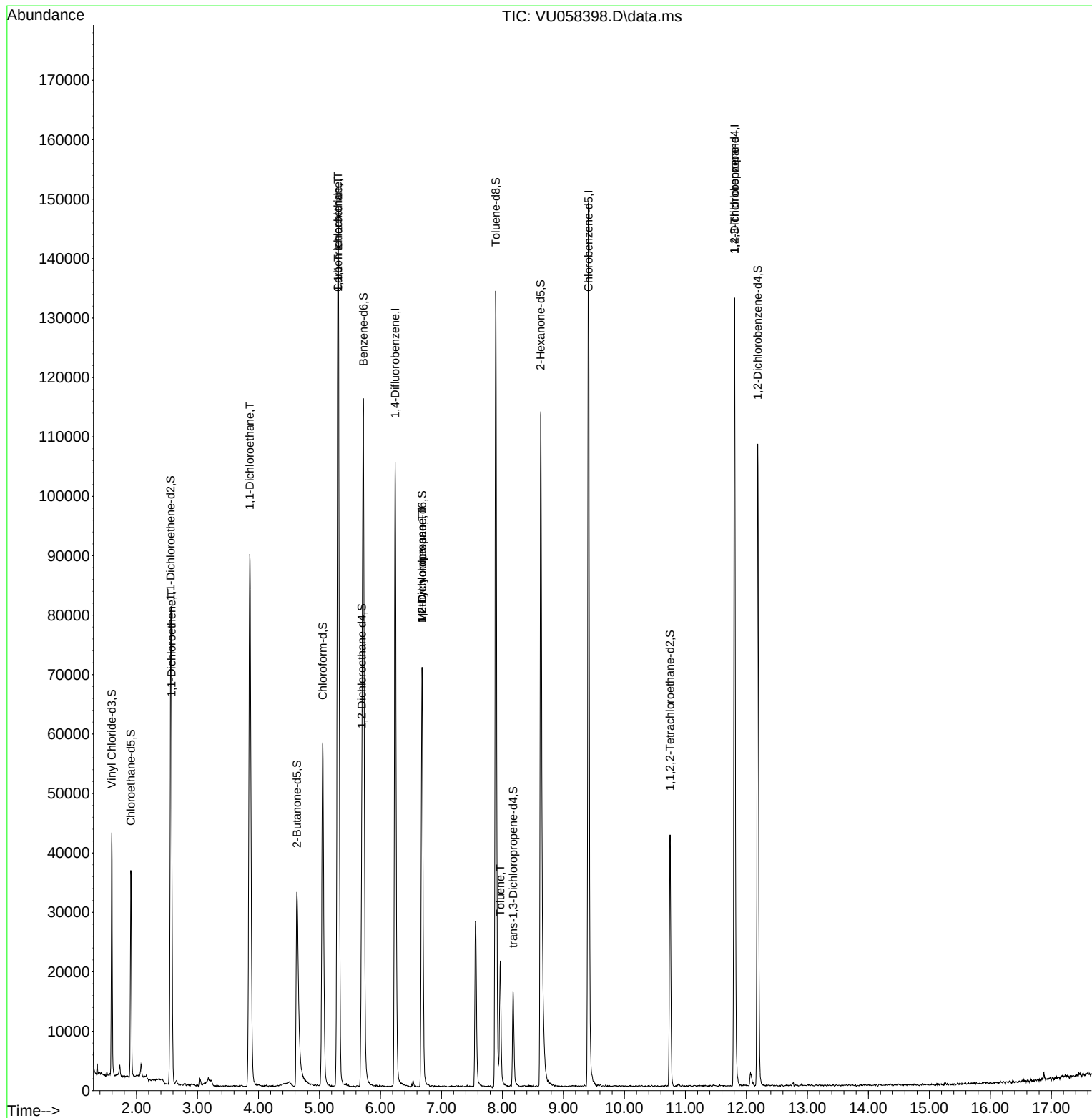
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	84135	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	80949	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35871	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27224	4.887	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.907	69	23868	4.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.560	65	12254	4.860	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	4.631	46	57541	49.018	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.040%
24) Chloroform-d	5.052	84	53259	4.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.695	65	26513	5.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.721	84	106600	4.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.682	67	34606	5.063	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.891	98	92486	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.177	79	9755	4.598	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.627	63	40244	45.991	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.980%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	22100	4.580	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	28245	4.675	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	10417	1.747	ug/L #	69
19) 1,1-Dichloroethane	3.859	63	107109	7.853	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	105857	9.754	ug/L	99
31) Carbon tetrachloride	5.306	117	12963	1.410	ug/L	97
35) Methylcyclohexane	6.682	83	7337	0.658	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3758	0.487	ug/L #	90
42) Toluene	7.965	91	15132	0.492	ug/L	100
61) 1,2,3-Trichloropropane	11.807	75	4884	1.334	ug/L #	70

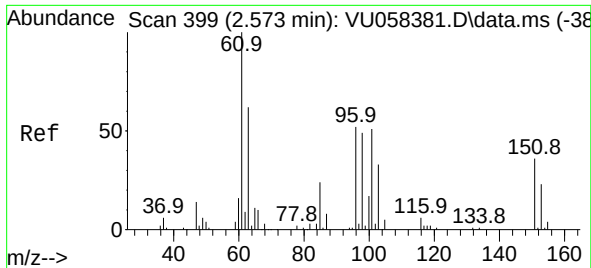
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.747 ug/L

RT: 2.576 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU058398.D

Acq: 05 Apr 2024 04:15

Instrument :

MSVOA_U

ClientSampleId :

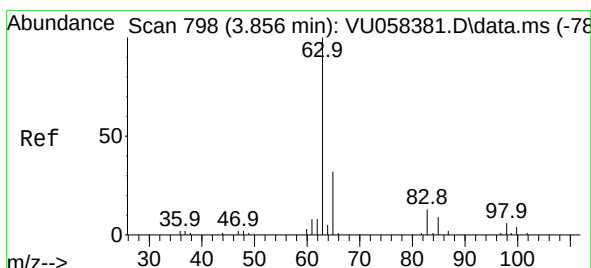
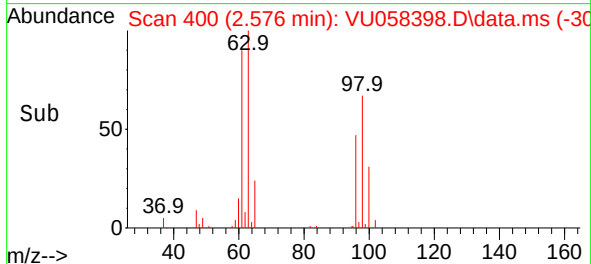
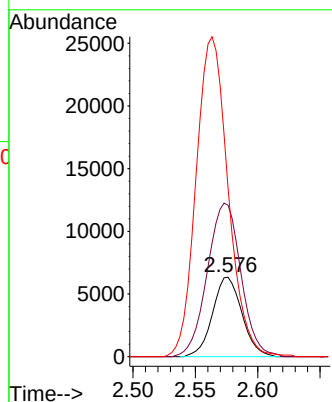
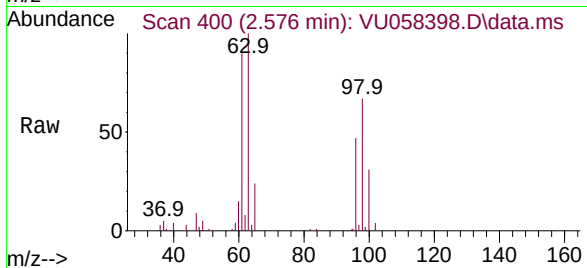
Tgt Ion: 96 Resp: 10417

Ion Ratio Lower Upper

96 100

61 190.6 132.5 246.1

63 212.5 87.7 162.9#



#19

1,1-Dichloroethane

Concen: 7.853 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.003 min

Lab File: VU058398.D

Acq: 05 Apr 2024 04:15

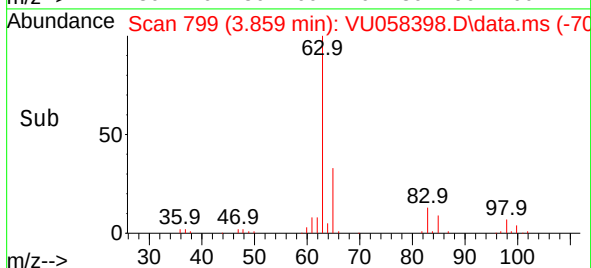
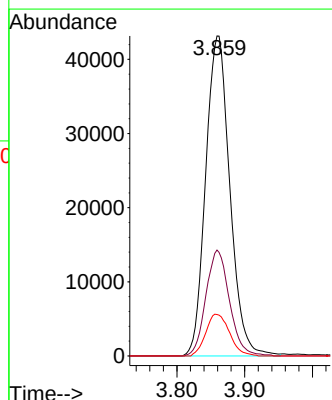
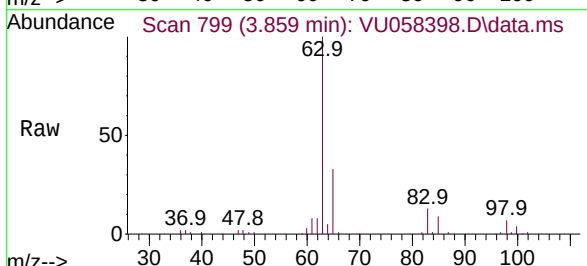
Tgt Ion: 63 Resp: 107109

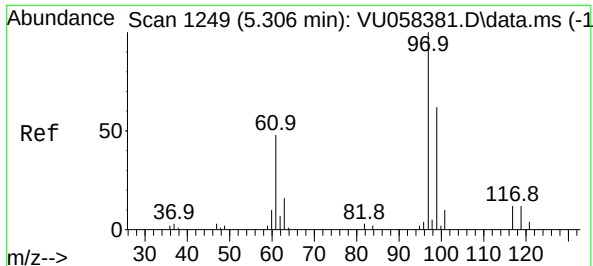
Ion Ratio Lower Upper

63 100

65 33.1 22.9 42.5

83 13.0 9.6 17.8

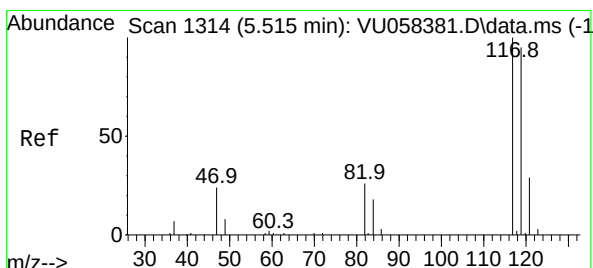
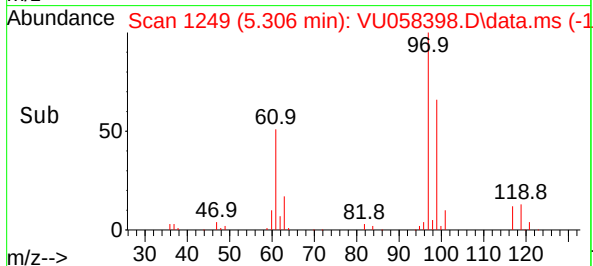
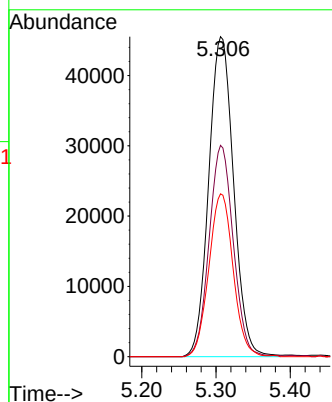
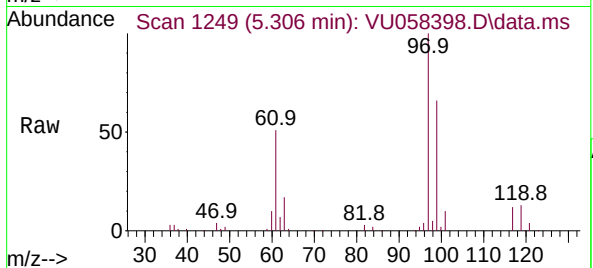




#29
1,1,1-Trichloroethane
Concen: 9.754 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058398.D
Acq: 05 Apr 2024 04:15

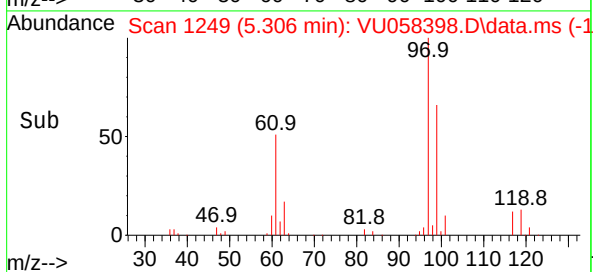
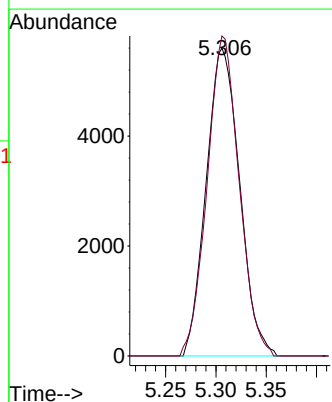
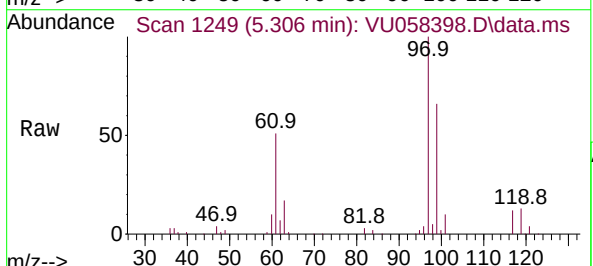
Instrument :
MSVOA_U
ClientSampleId :

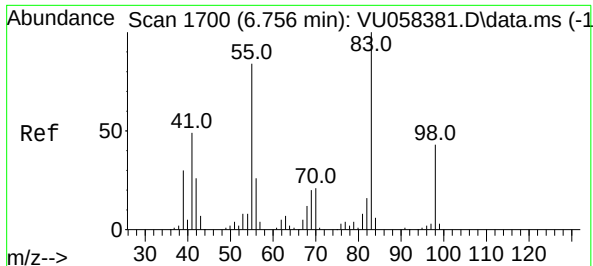
Tgt Ion: 97 Resp: 105857
Ion Ratio Lower Upper
97 100
99 64.2 50.4 75.6
61 49.6 39.4 59.0



#31
Carbon tetrachloride
Concen: 1.410 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.209 min
Lab File: VU058398.D
Acq: 05 Apr 2024 04:15

Tgt Ion:117 Resp: 12963
Ion Ratio Lower Upper
117 100
119 99.1 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: VU058398.D

Acq: 05 Apr 2024 04:15

Instrument :

MSVOA_U

ClientSampleId :

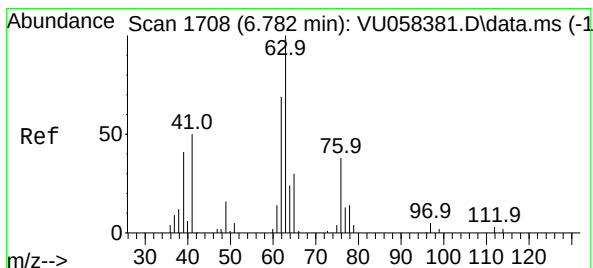
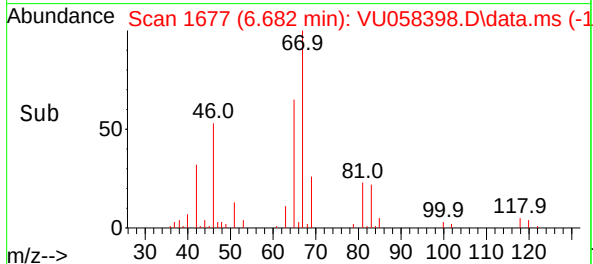
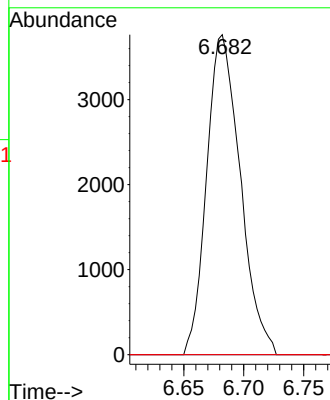
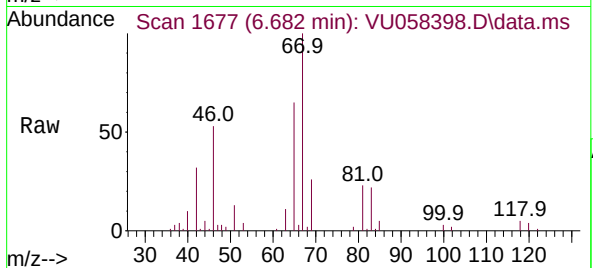
Tgt Ion: 83 Resp: 7337

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: 0.487 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058398.D

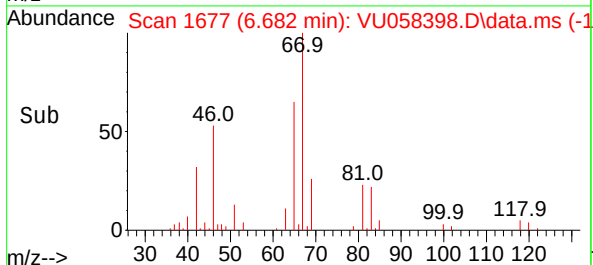
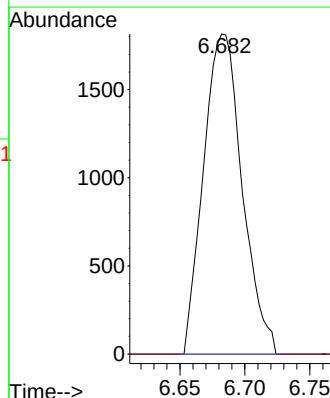
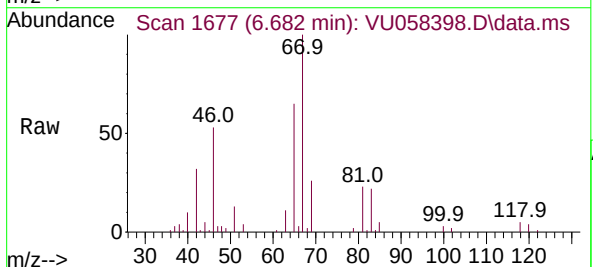
Acq: 05 Apr 2024 04:15

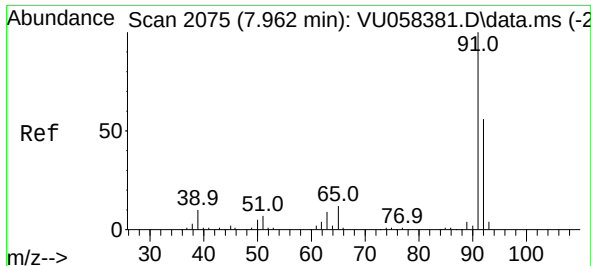
Tgt Ion: 63 Resp: 3758

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#42

Toluene

Concen: 0.492 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU058398.D

Acq: 05 Apr 2024 04:15

Instrument :

MSVOA_U

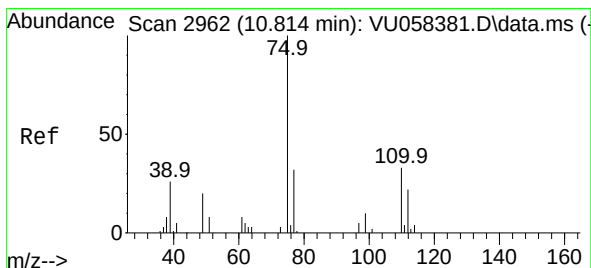
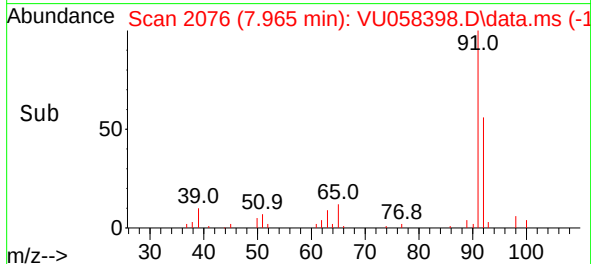
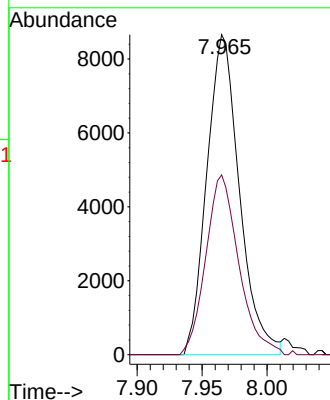
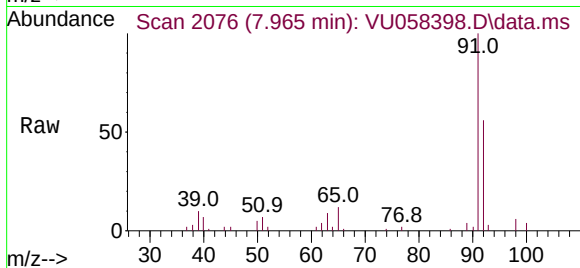
ClientSampleId :

Tgt Ion: 91 Resp: 15132

Ion Ratio Lower Upper

91 100

92 56.2 39.5 73.3



#61

1,2,3-Trichloropropane

Concen: 1.334 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.993 min

Lab File: VU058398.D

Acq: 05 Apr 2024 04:15

Tgt Ion: 75 Resp: 4884

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6

77 30.4 25.1 37.7

