

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058401.D
 Acq On : 05 Apr 2024 05:26
 Operator : MD/SY
 Sample : P1948-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 05:47:57 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)

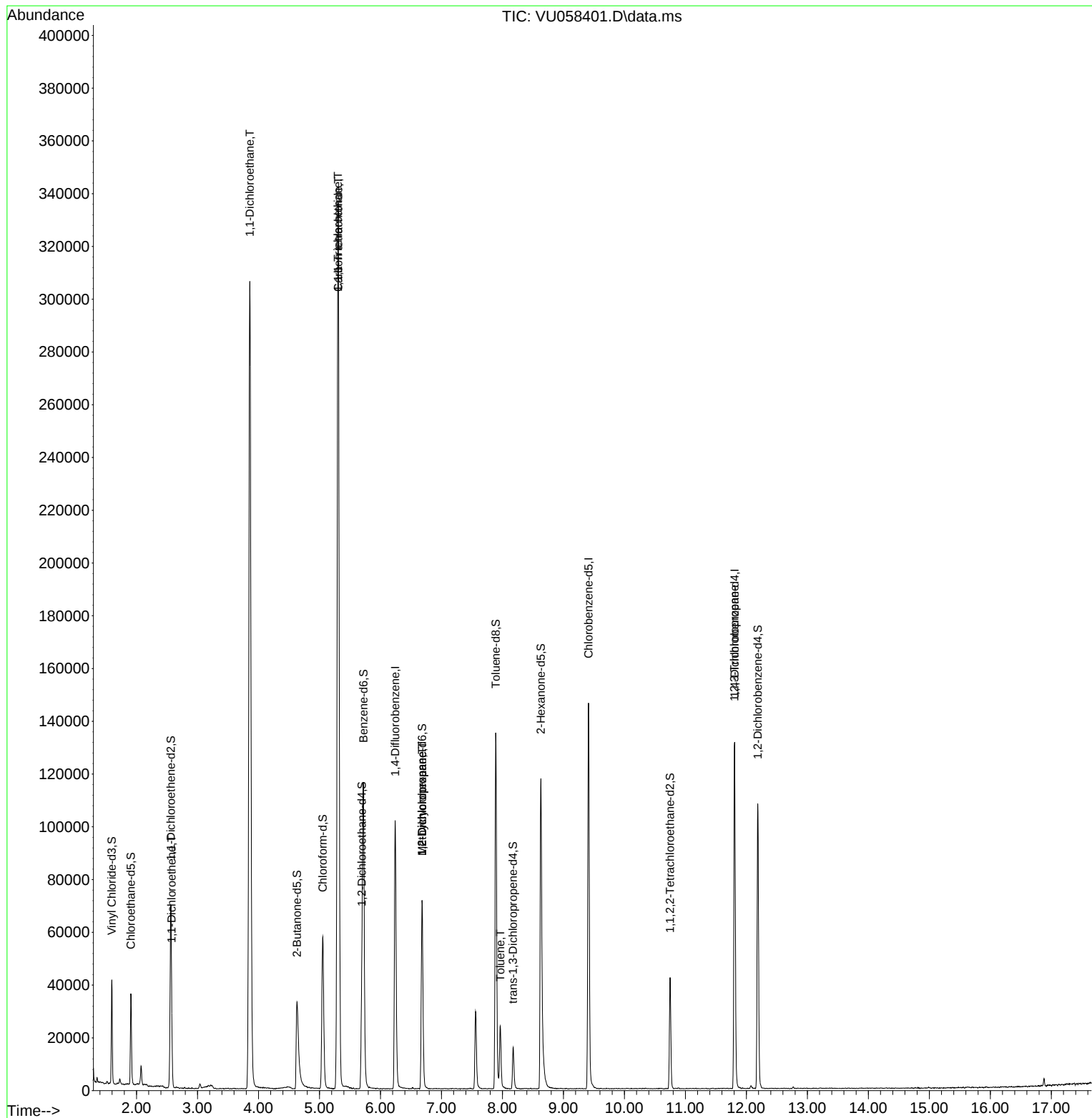
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80664	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79869	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35261	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26502	4.963	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.907	69	23684	5.103	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.563	65	12221	5.056	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.200%
20) 2-Butanone-d5	4.631	46	61062	54.256	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.520%
24) Chloroform-d	5.055	84	53971	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.695	65	26858	5.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	5.721	84	107427	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.682	67	33842	5.019	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.891	98	89341	4.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.174	79	9752	4.659	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.631	63	40997	47.485	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.980%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21850	4.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	28416	4.785	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	3712	0.649	ug/L #	1
19) 1,1-Dichloroethane	3.859	63	359622	27.500	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	236903	22.123	ug/L	99
31) Carbon tetrachloride	5.309	117	29540	3.257	ug/L	99
35) Methylcyclohexane	6.682	83	7241	0.659	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3898	0.512	ug/L #	90
42) Toluene	7.965	91	17553	0.578	ug/L	99
61) 1,2,3-Trichloropropane	11.804	75	4707	1.308	ug/L #	69

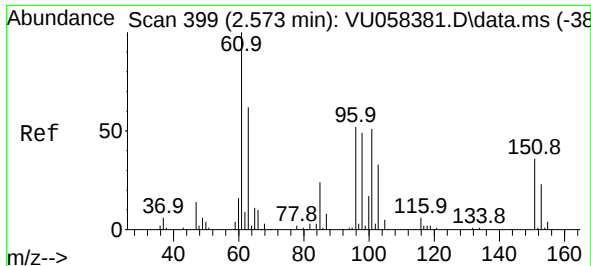
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.649 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU058401.D

Acq: 05 Apr 2024 05:26

Instrument :

MSVOA_U

ClientSampleId :

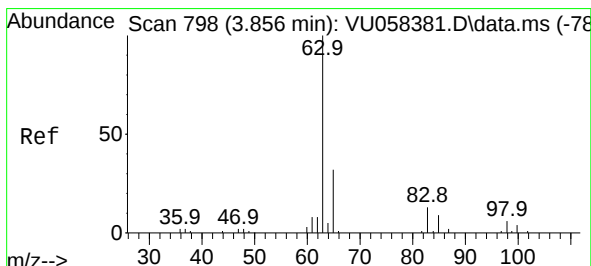
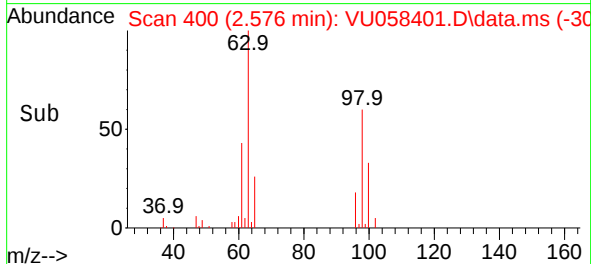
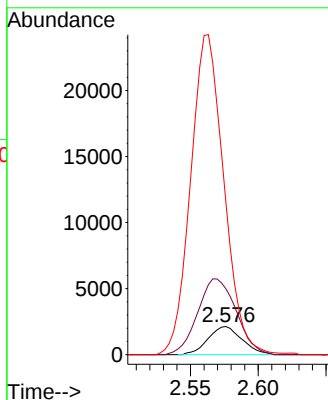
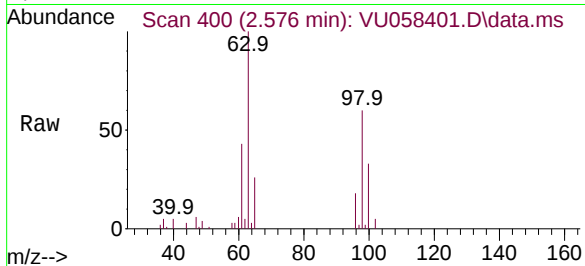
Tgt Ion: 96 Resp: 3712

Ion Ratio Lower Upper

96 100

61 233.8 132.5 246.1

63 540.8 87.7 162.9#



#19

1,1-Dichloroethane

Concen: 27.500 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.003 min

Lab File: VU058401.D

Acq: 05 Apr 2024 05:26

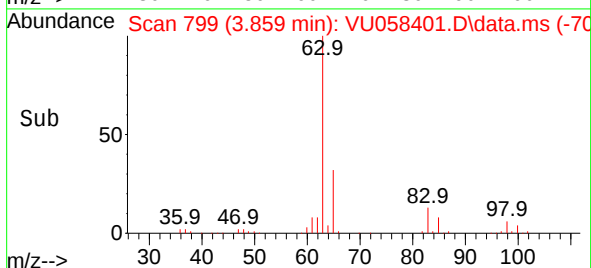
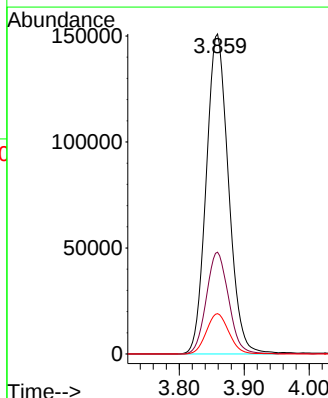
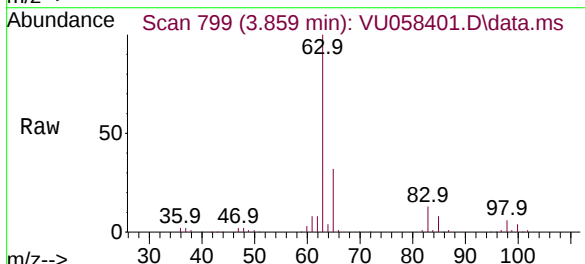
Tgt Ion: 63 Resp: 359622

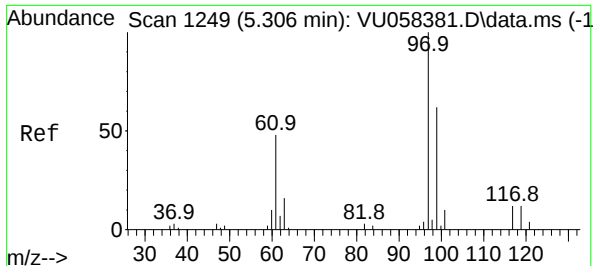
Ion Ratio Lower Upper

63 100

65 31.8 22.9 42.5

83 12.6 9.6 17.8

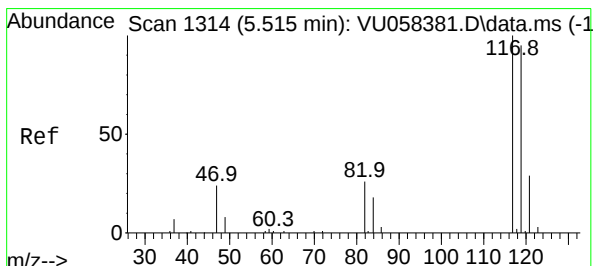
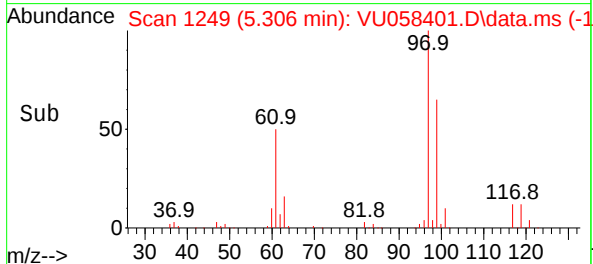
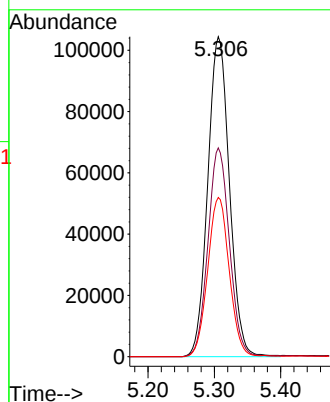
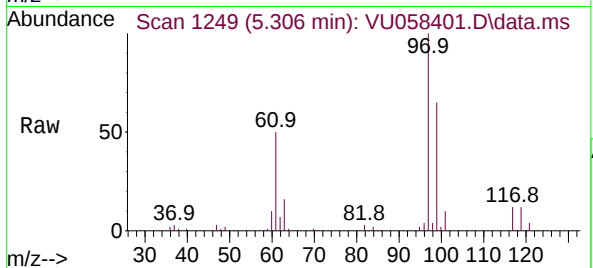




#29
1,1,1-Trichloroethane
Concen: 22.123 ug/L
RT: 5.306 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058401.D
Acq: 05 Apr 2024 05:26

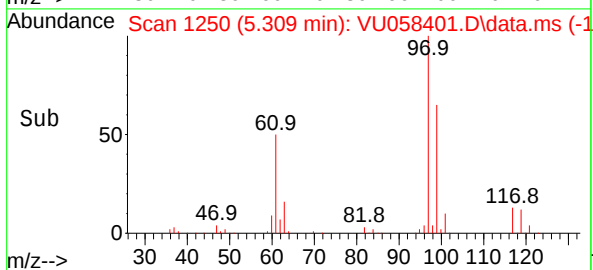
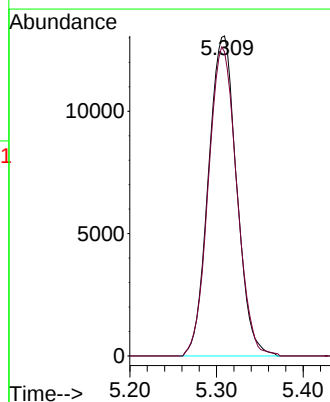
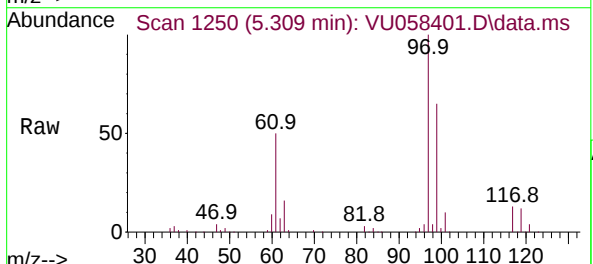
Instrument :
MSVOA_U
ClientSampleId :

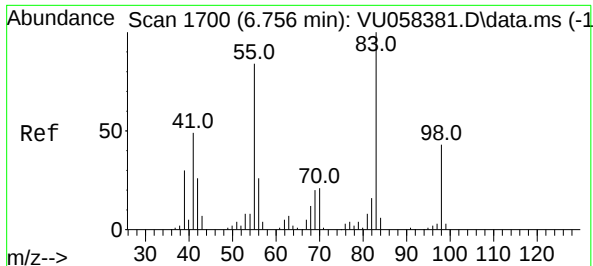
Tgt Ion: 97 Resp: 236903
Ion Ratio Lower Upper
97 100
99 64.8 50.4 75.6
61 49.5 39.4 59.0



#31
Carbon tetrachloride
Concen: 3.257 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.206 min
Lab File: VU058401.D
Acq: 05 Apr 2024 05:26

Tgt Ion:117 Resp: 29540
Ion Ratio Lower Upper
117 100
119 97.2 76.7 115.1





#35

Methylcyclohexane

Concen: 0.659 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058401.D

Acq: 05 Apr 2024 05:26

Instrument :

MSVOA_U

ClientSampleId :

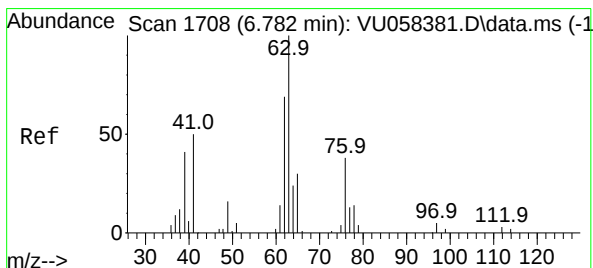
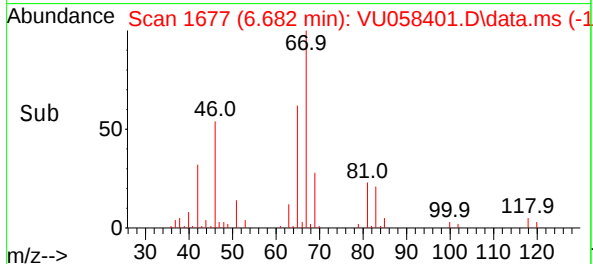
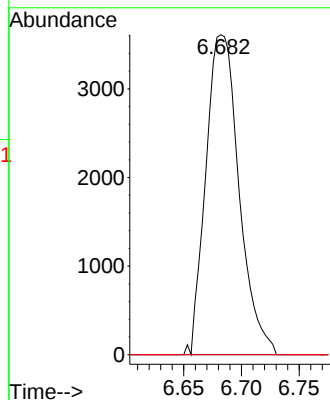
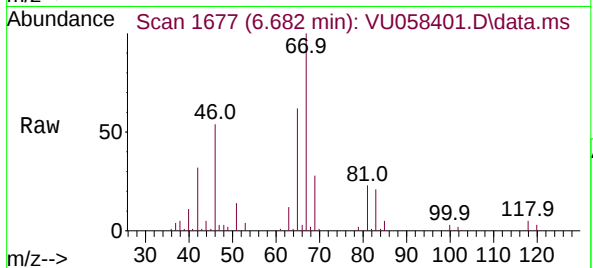
Tgt Ion: 83 Resp: 7241

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: 0.512 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058401.D

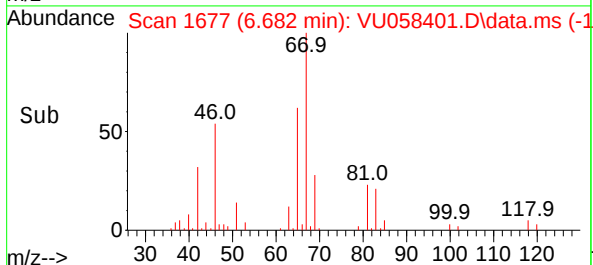
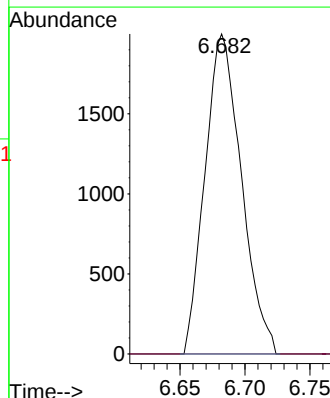
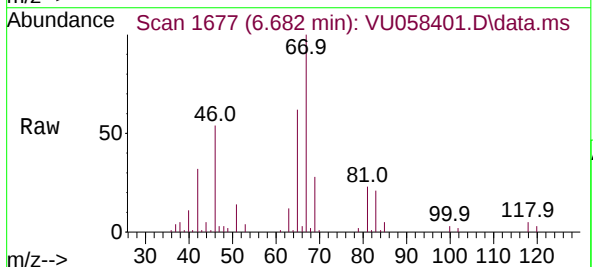
Acq: 05 Apr 2024 05:26

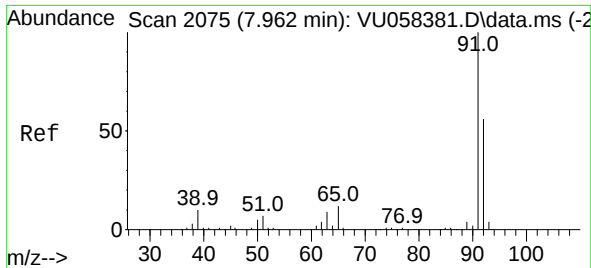
Tgt Ion: 63 Resp: 3898

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#42

Toluene

Concen: 0.578 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU058401.D

Acq: 05 Apr 2024 05:26

Instrument :

MSVOA_U

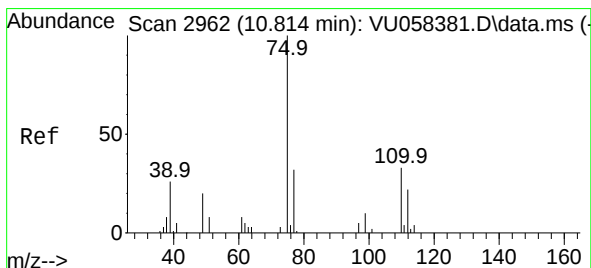
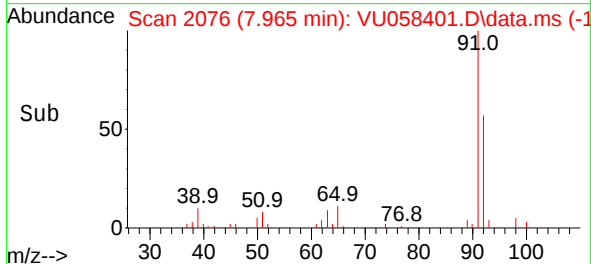
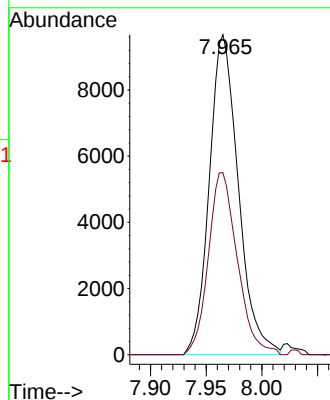
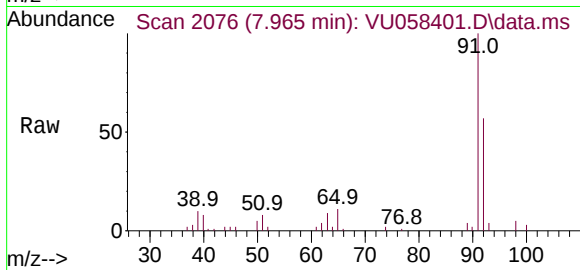
ClientSampleId :

Tgt Ion: 91 Resp: 17553

Ion Ratio Lower Upper

91 100

92 56.9 39.5 73.3



#61

1,2,3-Trichloropropane

Concen: 1.308 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU058401.D

Acq: 05 Apr 2024 05:26

Tgt Ion: 75 Resp: 4707

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6

77 33.8 25.1 37.7

