

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031124\
 Data File : VU058037.D
 Acq On : 11 Mar 2024 12:54
 Operator : MD/SY
 Sample : P1715-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 12 03:08:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 12 03:05:49 2024
 Response via : Initial Calibration

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

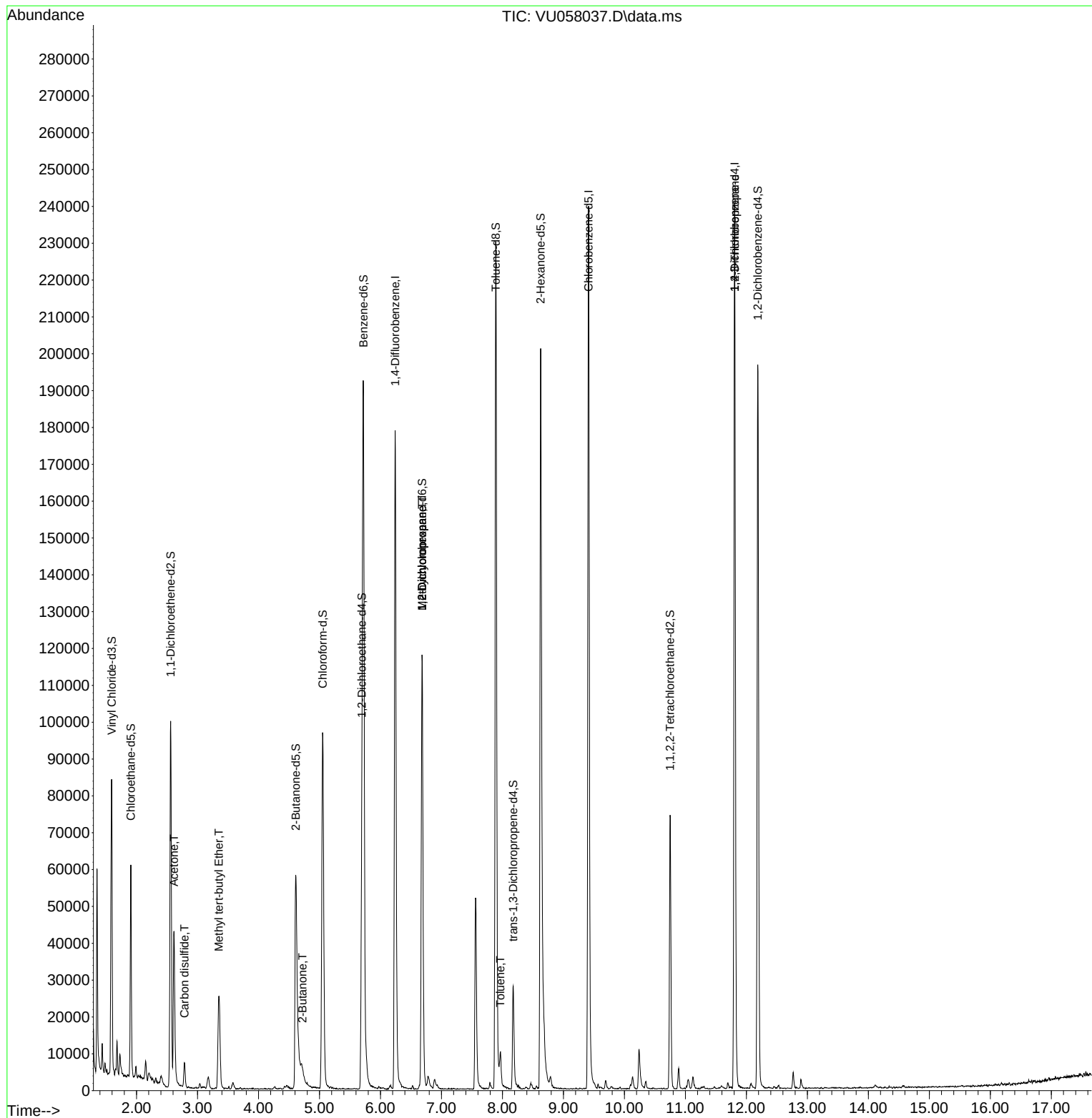
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	144648	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	136932	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62806	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	41053	3.945	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.907	69	38038	4.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.560	65	19724	4.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.611	46	91704	53.479	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.960%
24) Chloroform-d	5.052	84	94228	4.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.695	65	44927	5.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.721	84	183967	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.682	67	59521	4.906	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.891	98	158697	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.177	79	17940	4.300	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.627	63	77961	55.662	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.320%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	39139	5.261	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	51848	5.013	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds	Qvalue					
13) Acetone	2.615	43	49890	39.095	ug/L	96
14) Carbon disulfide	2.785	76	8785	0.326	ug/L #	94
17) Methyl tert-butyl Ether	3.351	73	29110	1.410	ug/L	98
21) 2-Butanone	4.721	43	9211	4.581	ug/L	100
35) Methylcyclohexane	6.682	83	13089	0.772	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6537	0.603	ug/L #	89
42) Toluene	7.965	91	6546	0.150	ug/L	87
61) 1,2,3-Trichloropropane	11.810	75	8673	1.686	ug/L #	67

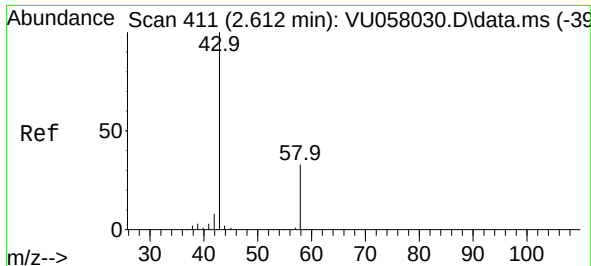
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 39.095 ug/L

RT: 2.615 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU058037.D

Acq: 11 Mar 2024 12:54

Instrument :

MSVOA_U

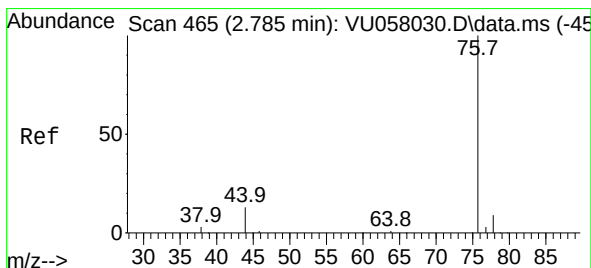
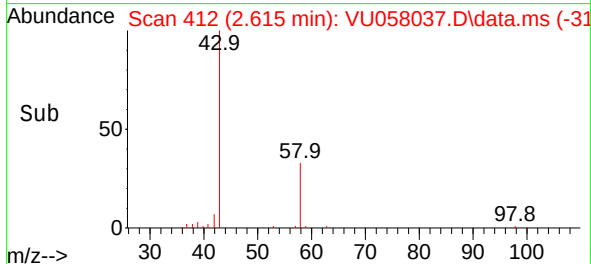
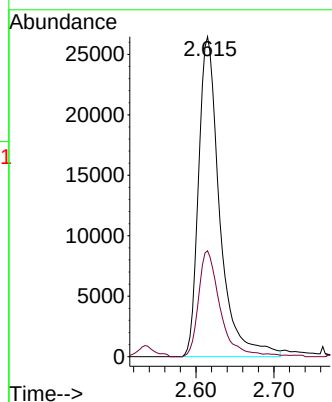
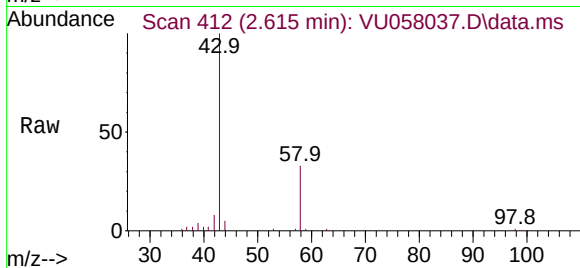
ClientSampleId :

Tgt Ion: 43 Resp: 49890

Ion Ratio Lower Upper

43 100

58 34.1 0.0 63.6



#14

Carbon disulfide

Concen: 0.326 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU058037.D

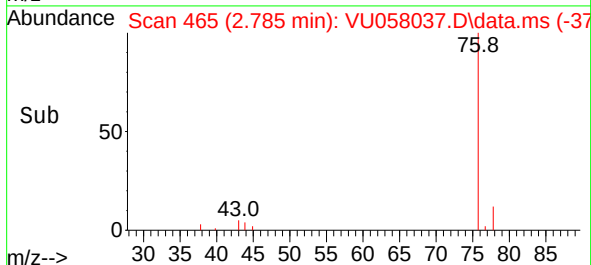
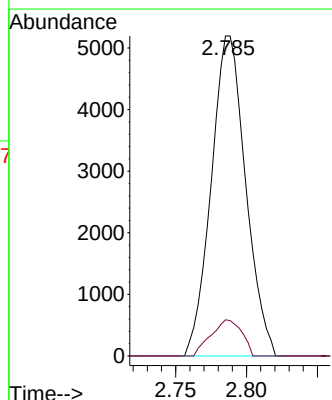
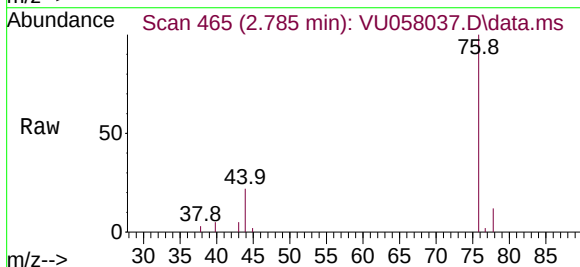
Acq: 11 Mar 2024 12:54

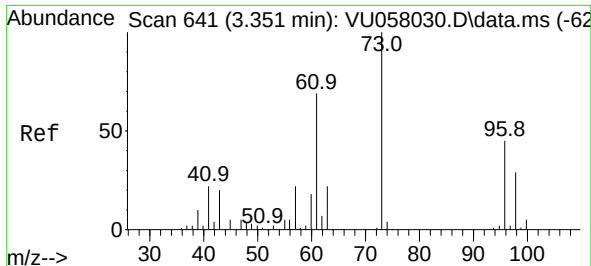
Tgt Ion: 76 Resp: 8785

Ion Ratio Lower Upper

76 100

78 11.3 7.3 10.9#

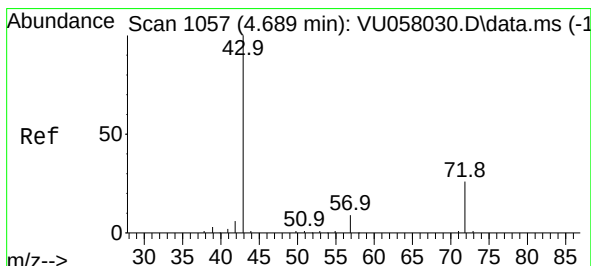
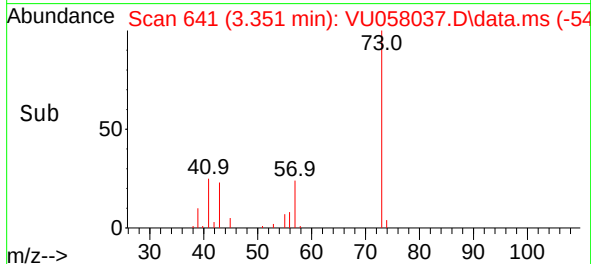
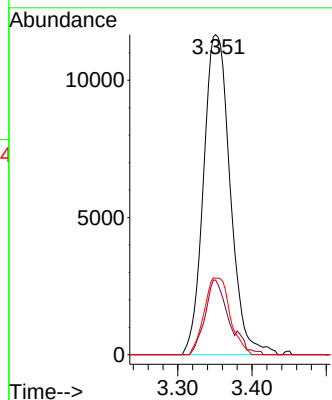
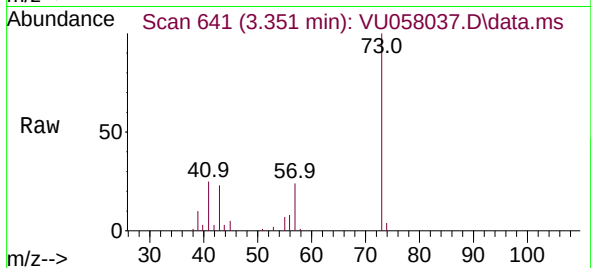




#17
Methyl tert-butyl Ether
Concen: 1.410 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU058037.D
Acq: 11 Mar 2024 12:54

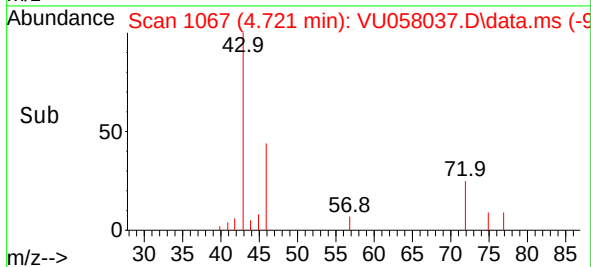
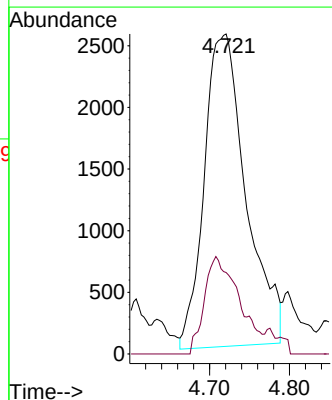
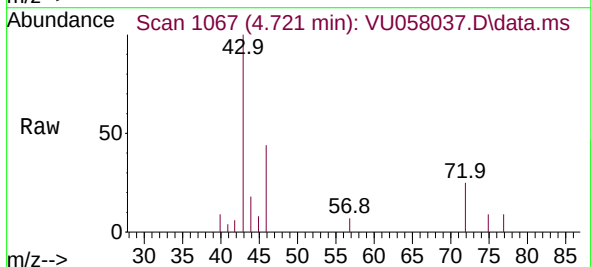
Instrument :
MSVOA_U
ClientSampleId :

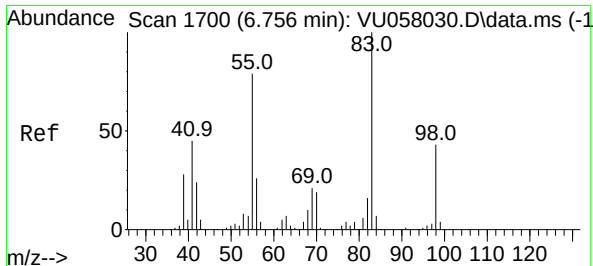
Tgt Ion: 73 Resp: 29110
Ion Ratio Lower Upper
73 100
43 21.0 16.2 24.4
57 23.2 17.9 26.9



#21
2-Butanone
Concen: 4.581 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.032 min
Lab File: VU058037.D
Acq: 11 Mar 2024 12:54

Tgt Ion: 43 Resp: 9211
Ion Ratio Lower Upper
43 100
72 26.0 13.0 39.0





#35

Methylcyclohexane

Concen: 0.772 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058037.D

Acq: 11 Mar 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

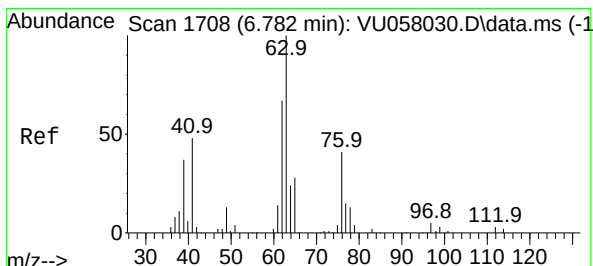
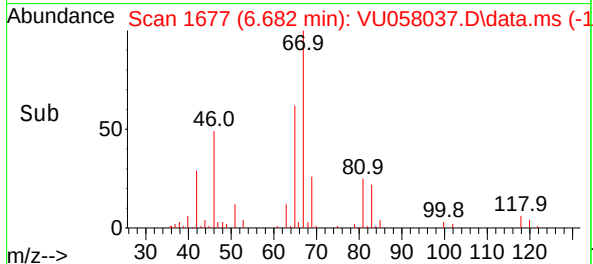
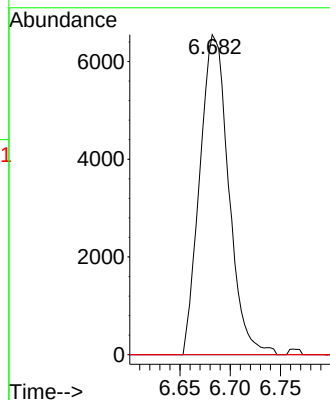
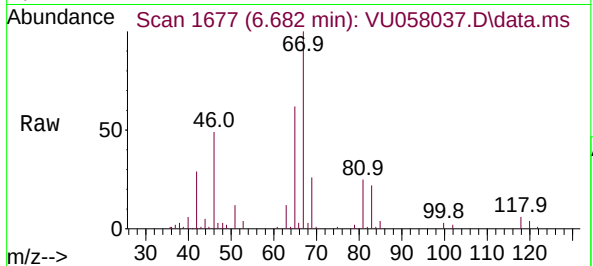
Tgt Ion: 83 Resp: 13089

Ion Ratio Lower Upper

83 100

55 0.6 63.0 94.6#

98 0.0 36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.603 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058037.D

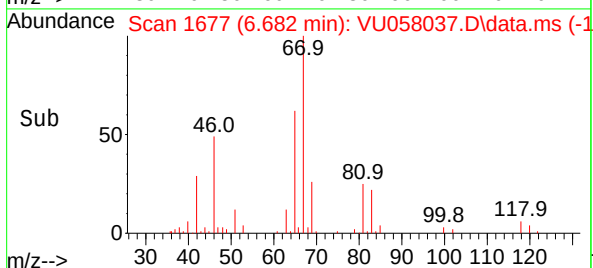
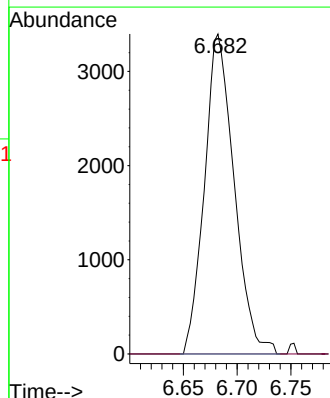
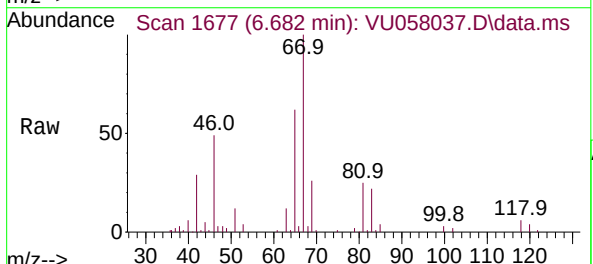
Acq: 11 Mar 2024 12:54

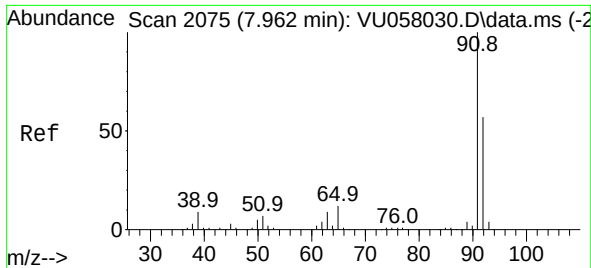
Tgt Ion: 63 Resp: 6537

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#42

Toluene

Concen: 0.150 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU058037.D

Acq: 11 Mar 2024 12:54

Instrument :

MSVOA_U

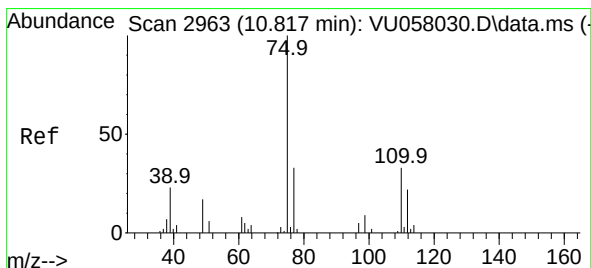
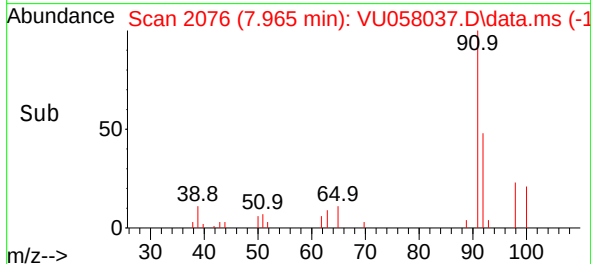
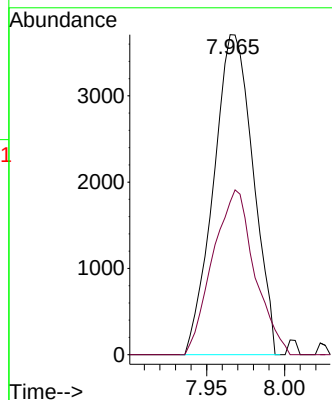
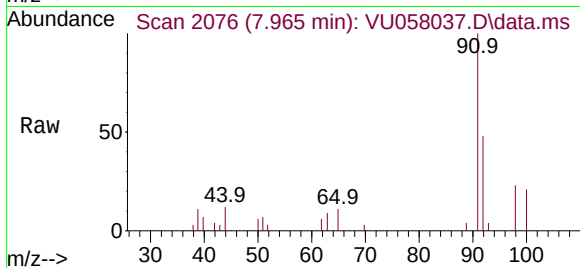
ClientSampleId :

Tgt Ion: 91 Resp: 6546

Ion Ratio Lower Upper

91 100

92 47.7 40.2 74.6



#61

1,2,3-Trichloropropane

Concen: 1.686 ug/L

RT: 11.810 min Scan# 3272

Delta R.T. 0.993 min

Lab File: VU058037.D

Acq: 11 Mar 2024 12:54

Tgt Ion: 75 Resp: 8673

Ion Ratio Lower Upper

75 100

110 1.4 28.0 42.0#

77 33.7 24.7 37.1

