

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
 Data File : VU060834.D
 Acq On : 17 Sep 2024 15:42
 Operator : MD/SY
 Sample : P3973-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 18 01:18:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 18 01:15:55 2024
 Response via : Initial Calibration

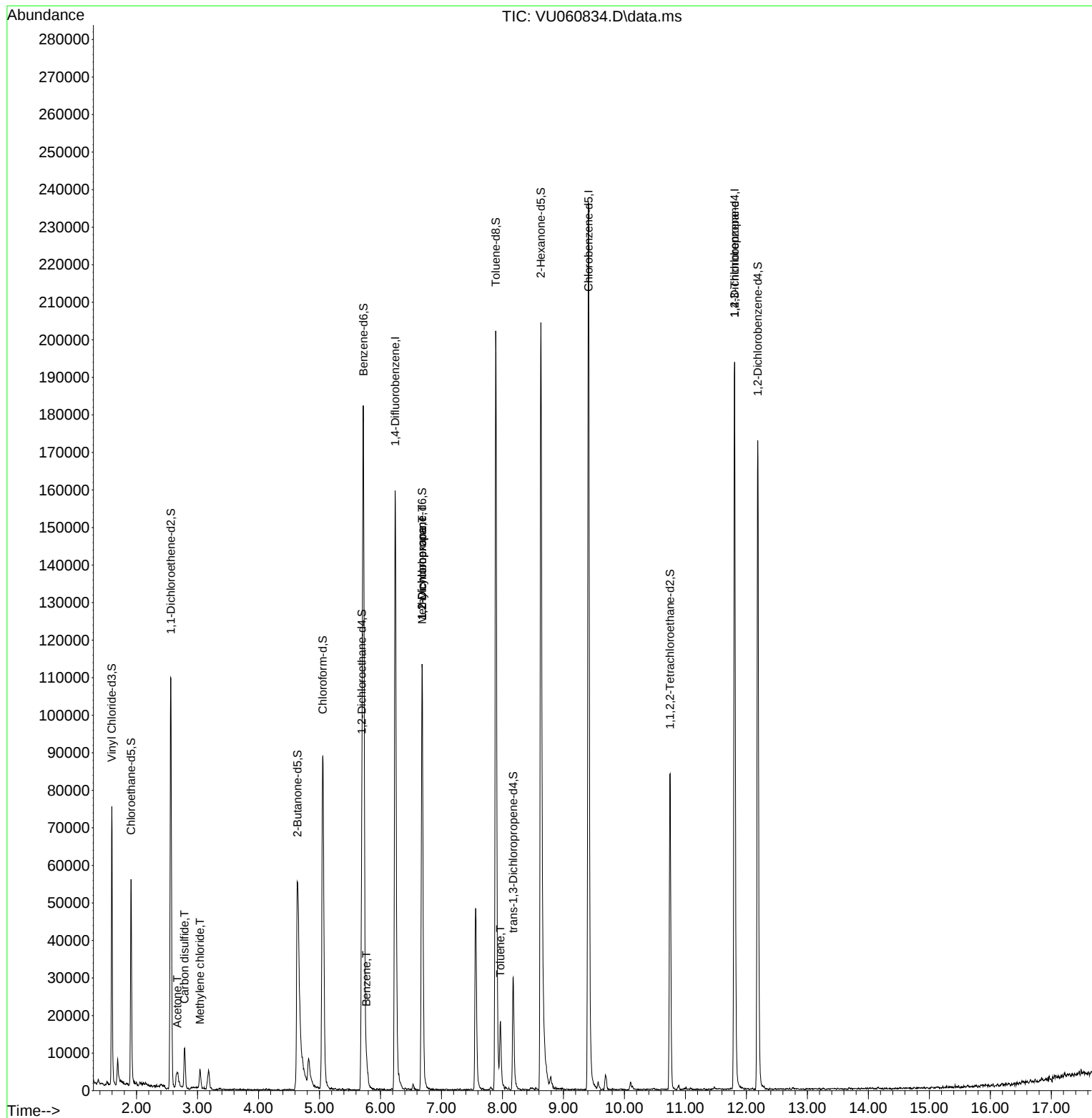
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	142593	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	152437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60145	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	51268	3.997	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.911	69	40213	4.404	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.563	65	21547	4.740	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.637	46	98085	47.639	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.280%
24) Chloroform-d	5.052	84	89717	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.695	65	45079	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.721	84	179738	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.682	67	58389	4.619	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.891	98	149410	4.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.177	79	19978	4.390	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.631	63	77757	43.320	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.640%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	45774	4.622	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	52557	5.200	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
13) Acetone	2.669	43	7343	5.346	ug/L	79
14) Carbon disulfide	2.788	76	15019	0.604	ug/L	99
16) Methylene chloride	3.039	84	2584	0.249	ug/L	84
33) Benzene	5.769	78	5606	0.134	ug/L	100
35) Methylcyclohexane	6.685	83	14124	0.937	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	5799	0.502	ug/L #	93
42) Toluene	7.965	91	13480	0.308	ug/L	100
61) 1,2,3-Trichloropropane	11.807	75	6396	1.140	ug/L #	66

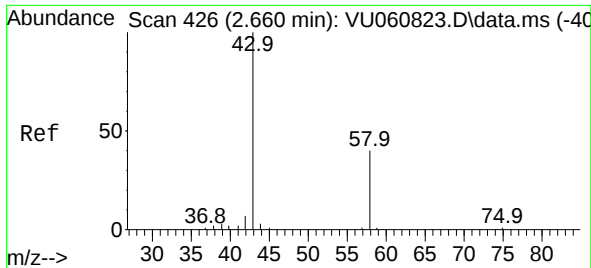
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.346 ug/L

RT: 2.669 min Scan# 41

Delta R.T. 0.010 min

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Instrument :

MSVOA_U

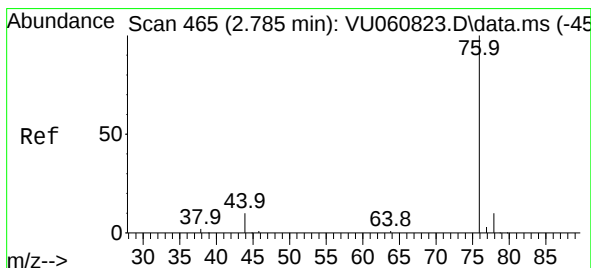
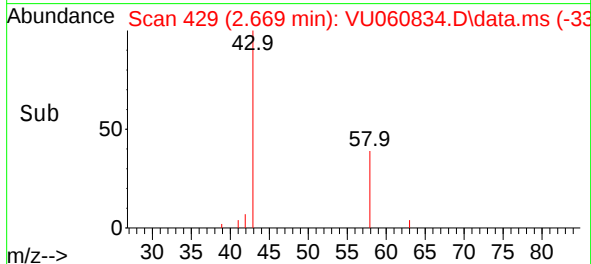
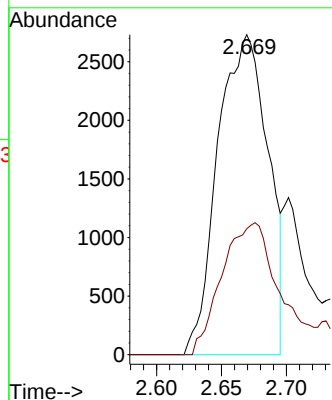
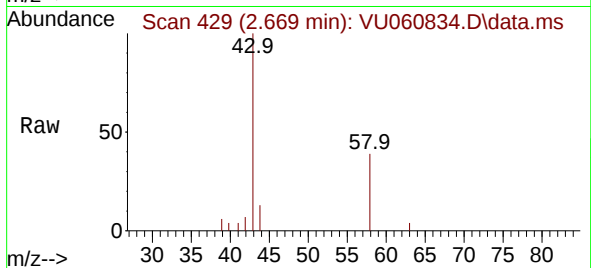
ClientSampleId :

Tgt Ion: 43 Resp: 7343

Ion Ratio Lower Upper

43 100

58 47.0 0.0 69.6



#14

Carbon disulfide

Concen: 0.604 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU060834.D

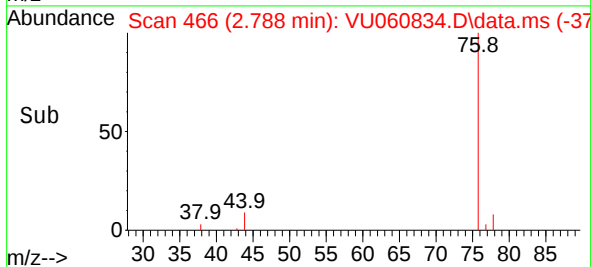
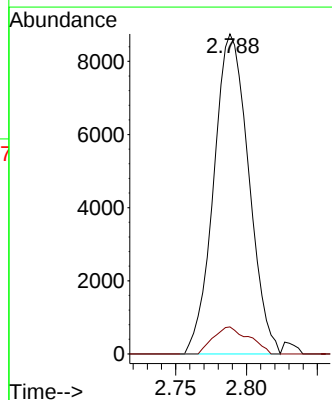
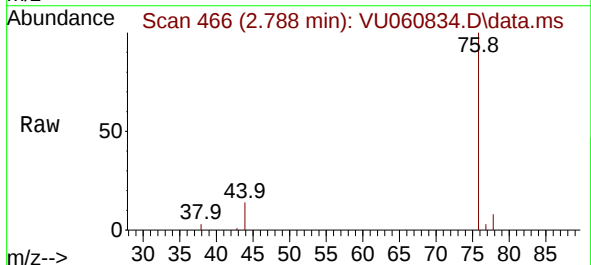
Acq: 17 Sep 2024 15:42

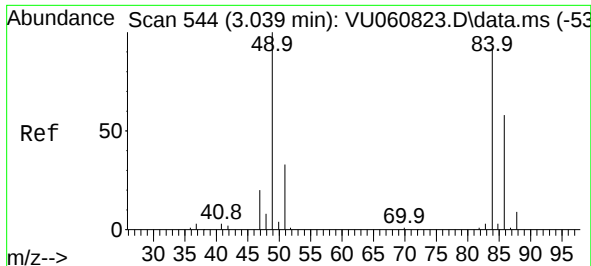
Tgt Ion: 76 Resp: 15019

Ion Ratio Lower Upper

76 100

78 8.4 7.1 10.7





#16

Methylene chloride

Concen: 0.249 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

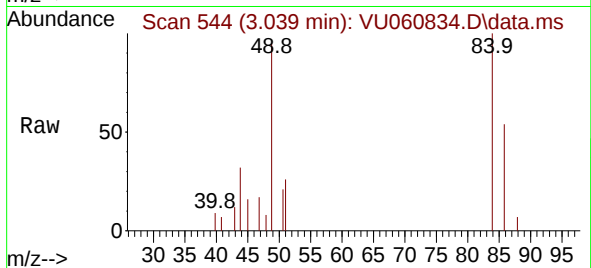
Lab File: VU060834.D

Acq: 17 Sep 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :



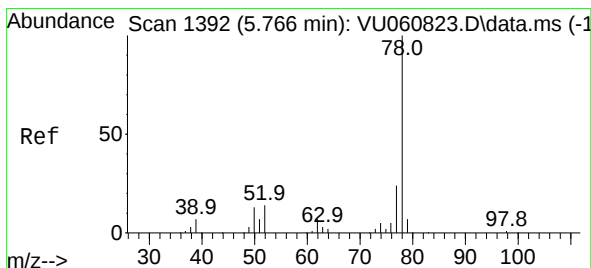
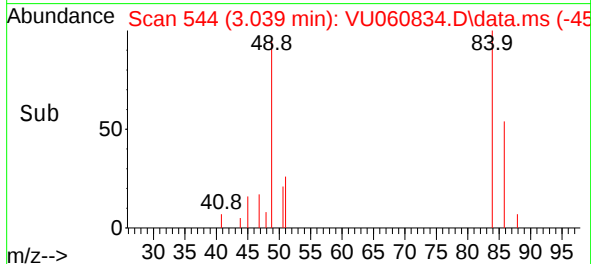
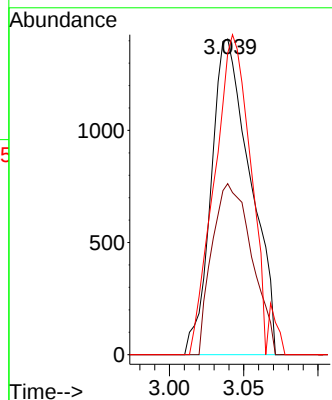
Tgt Ion: 84 Resp: 2584

Ion Ratio Lower Upper

84 100

86 54.2 47.3 87.8

49 95.5 78.7 146.1



#33

Benzene

Concen: 0.134 ug/L

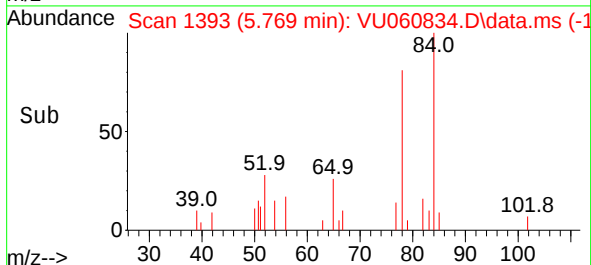
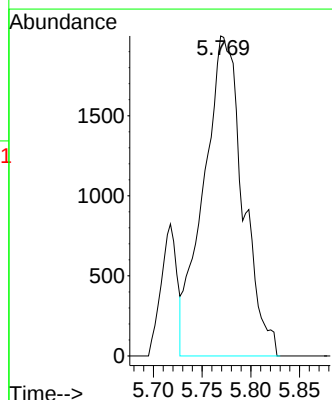
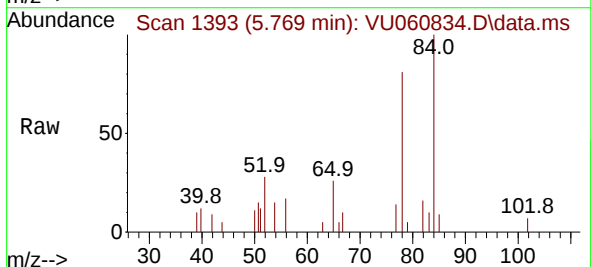
RT: 5.769 min Scan# 1393

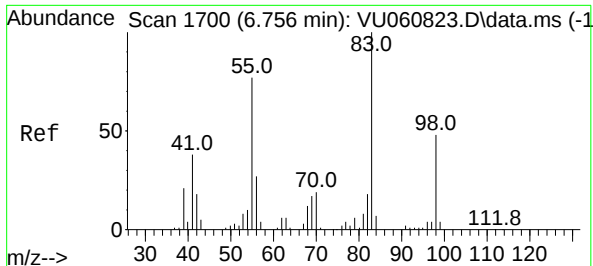
Delta R.T. 0.003 min

Lab File: VU060834.D

Acq: 17 Sep 2024 15:42

Tgt Ion: 78 Resp: 5606

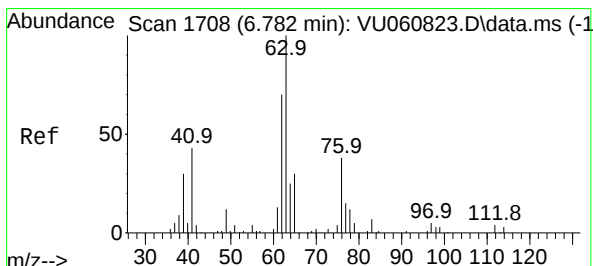
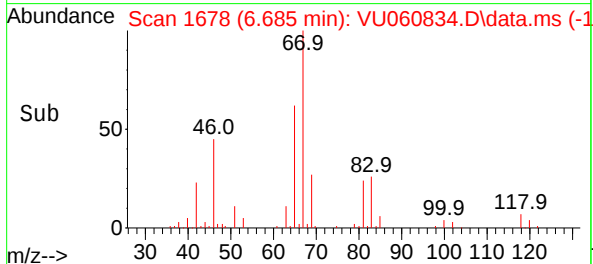
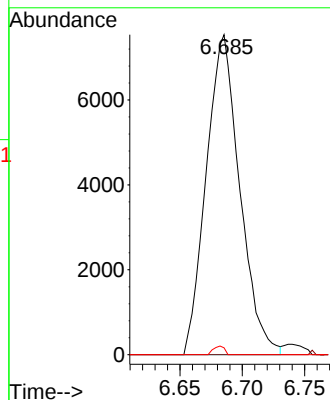
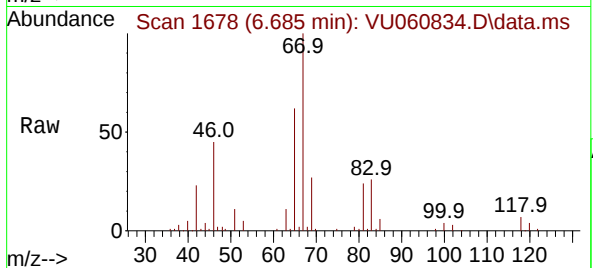




#35
Methylcyclohexane
Concen: 0.937 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU060834.D
Acq: 17 Sep 2024 15:42

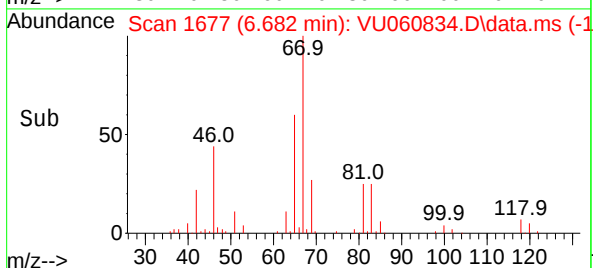
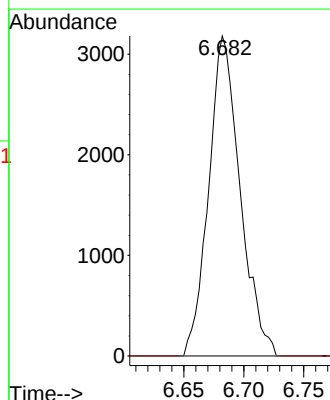
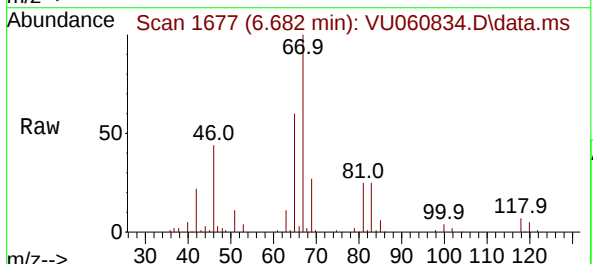
Instrument :
MSVOA_U
ClientSampleId :

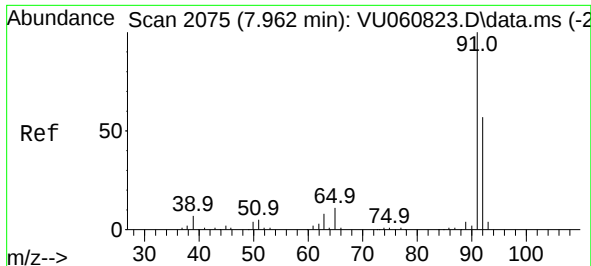
Tgt Ion: 83 Resp: 14124
Ion Ratio Lower Upper
83 100
55 0.1 62.6 94.0#
98 0.9 37.6 56.4#



#37
1,2-Dichloropropane
Concen: 0.502 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU060834.D
Acq: 17 Sep 2024 15:42

Tgt Ion: 63 Resp: 5799
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#





#42

Toluene

Concen: 0.308 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060834.D

Acq: 17 Sep 2024 15:42

Instrument :

MSVOA_U

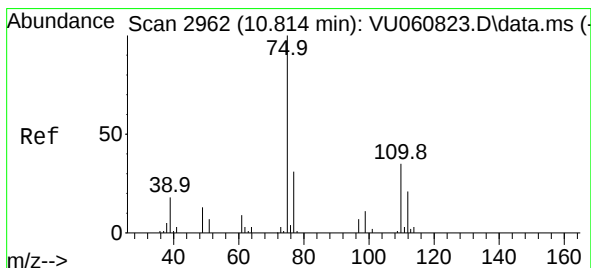
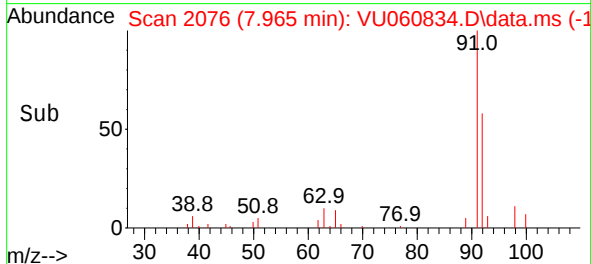
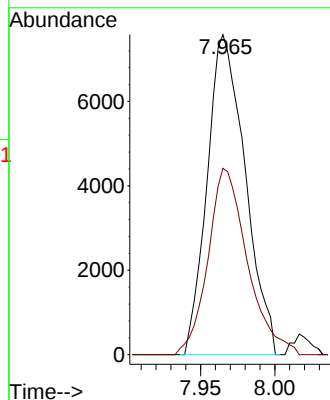
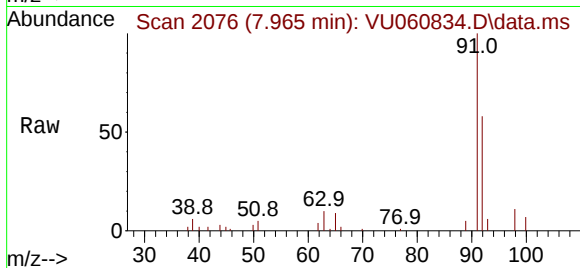
ClientSampleId :

Tgt Ion: 91 Resp: 13480

Ion Ratio Lower Upper

91 100

92 58.3 40.5 75.3



#61

1,2,3-Trichloropropane

Concen: 1.140 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.993 min

Lab File: VU060834.D

Acq: 17 Sep 2024 15:42

Tgt Ion: 75 Resp: 6396

Ion Ratio Lower Upper

75 100

110 0.4 28.6 43.0#

77 29.3 26.3 39.5

