

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060917.D
 Acq On : 20 Sep 2024 01:24
 Operator : MD/SY
 Sample : P3987-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 20 01:39:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:34:14 2024
 Response via : Initial Calibration

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

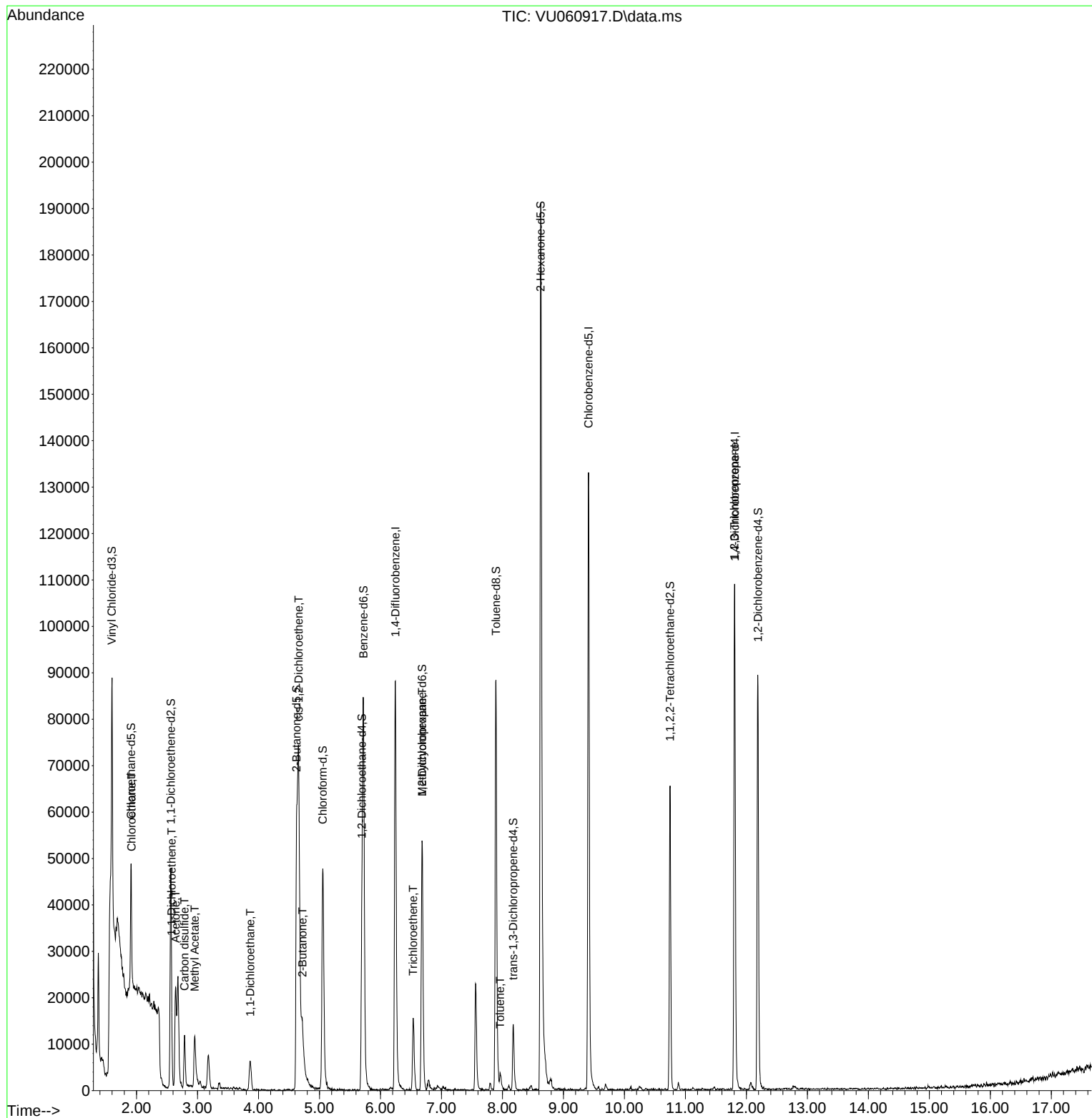
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	80206	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	84712	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	34509	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	23184	3.214	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.911	69	19371	3.771	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.563	65	8480	3.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	4.624	46	86015	74.272	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	148.540%#
24) Chloroform-d	5.055	84	46335	4.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.695	65	27776	5.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.721	84	82265	3.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
36) 1,2-Dichloropropane-d6	6.682	67	28169	4.010	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.894	98	66446	3.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.200%#
43) trans-1,3-Dichloroprop...	8.177	79	9789	3.871	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.627	63	71252	71.431	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	142.860%#
56) 1,1,2,2-Tetrachloroeth...	10.750	84	32650	5.932	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	27663	4.771	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
8) Chloroethane	1.917	64	1146	0.271	ug/L #	51
12) 1,1-Dichloroethene	2.576	96	2104	0.417	ug/L #	1
13) Acetone	2.641	43	31852	41.225	ug/L	88
14) Carbon disulfide	2.788	76	15109	1.080	ug/L	96
15) Methyl Acetate	2.956	43	17446	9.261	ug/L	99
19) 1,1-Dichloroethane	3.866	63	7729	0.736	ug/L #	94
21) 2-Butanone	4.721	43	18709	14.875	ug/L	88
22) cis-1,2-Dichloroethene	4.660	96	30301	5.237	ug/L	91
34) Trichloroethene	6.534	95	6269	1.027	ug/L	94
35) Methylcyclohexane	6.682	83	6800	0.812	ug/L #	22
42) Toluene	7.962	91	3092	0.127	ug/L #	72
61) 1,2,3-Trichloropropane	11.804	75	3392	1.054	ug/L #	64

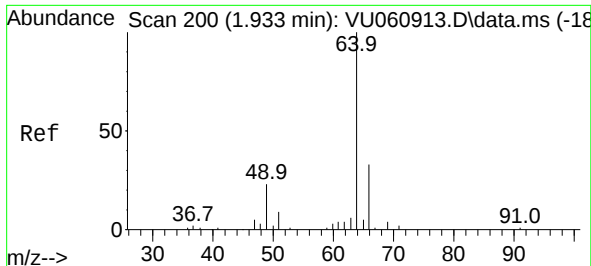
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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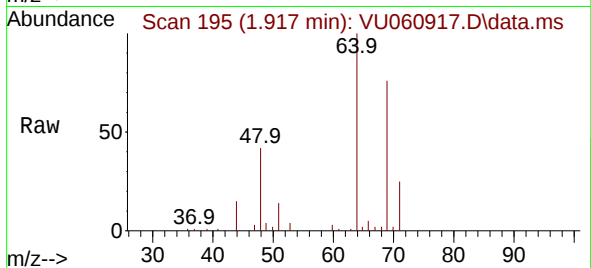
Quant Time: Sep 20 01:39:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
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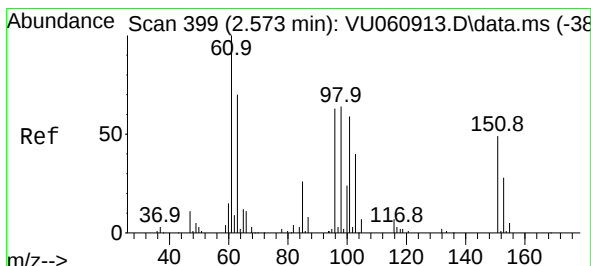
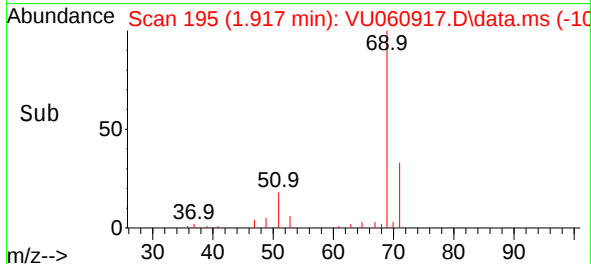
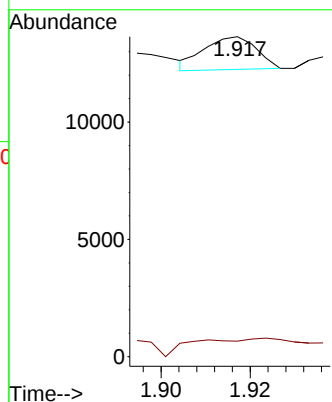


#8
Chloroethane
Concen: 0.271 ug/L
RT: 1.917 min Scan# 1146
Delta R.T. -0.016 min
Lab File: VU060917.D
Acq: 20 Sep 2024 01:24

Instrument :
MSVOA_U
ClientSampleId :

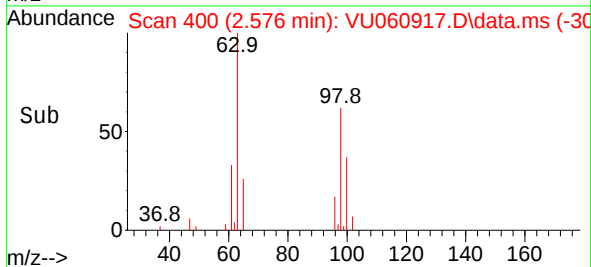
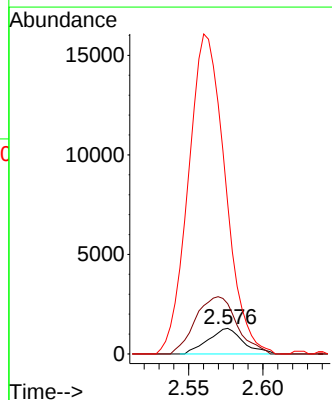
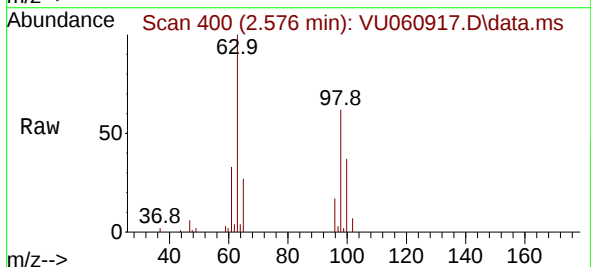


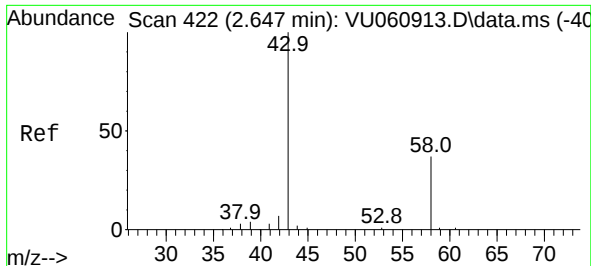
Tgt Ion: 64 Resp: 1146
Ion Ratio Lower Upper
64 100
66 4.8 22.3 41.3#



#12
1,1-Dichloroethene
Concen: 0.417 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060917.D
Acq: 20 Sep 2024 01:24

Tgt Ion: 96 Resp: 2104
Ion Ratio Lower Upper
96 100
61 196.6 120.7 224.1
63 586.9 90.0 167.2#





#13

Acetone

Concen: 41.225 ug/L

RT: 2.641 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU060917.D

Acq: 20 Sep 2024 01:24

Instrument :

MSVOA_U

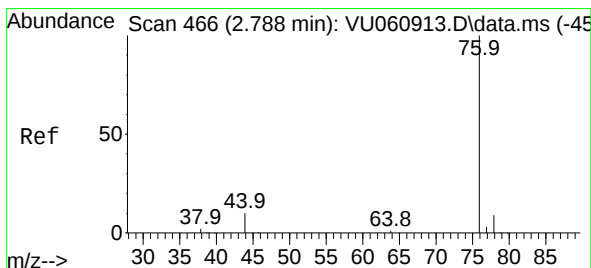
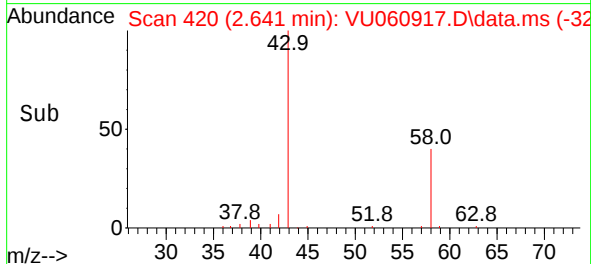
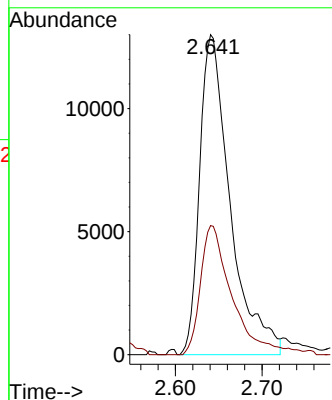
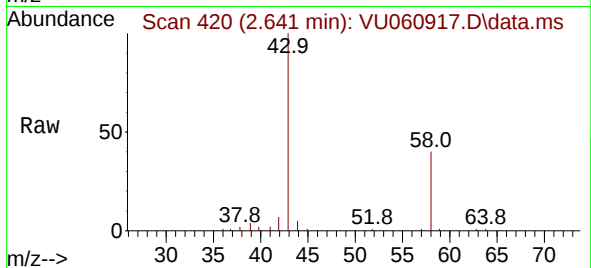
ClientSampleId :

Tgt Ion: 43 Resp: 31852

Ion Ratio Lower Upper

43 100

58 41.7 0.0 69.6



#14

Carbon disulfide

Concen: 1.080 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060917.D

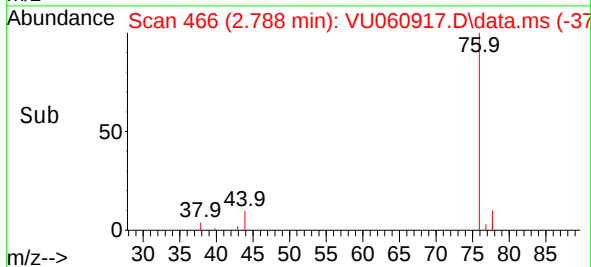
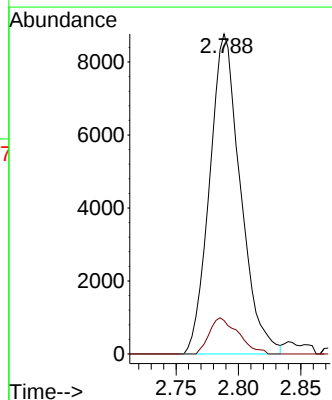
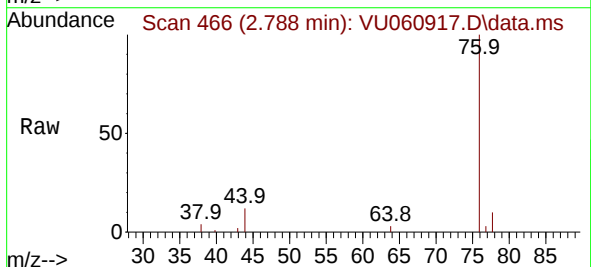
Acq: 20 Sep 2024 01:24

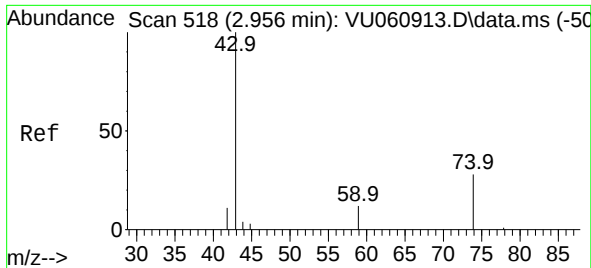
Tgt Ion: 76 Resp: 15109

Ion Ratio Lower Upper

76 100

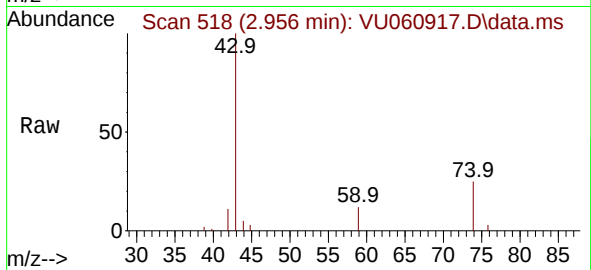
78 10.5 7.1 10.7



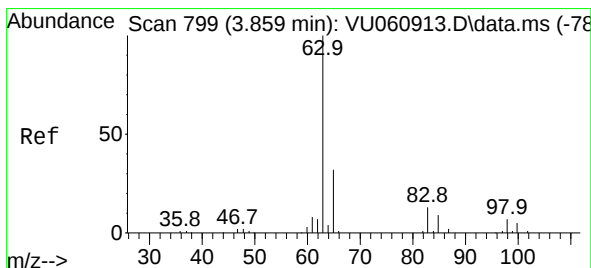
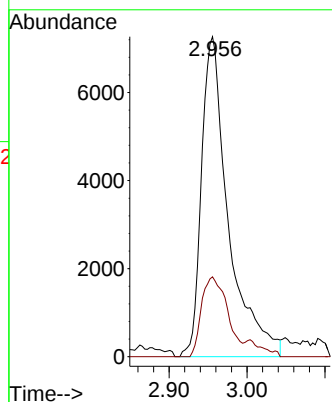
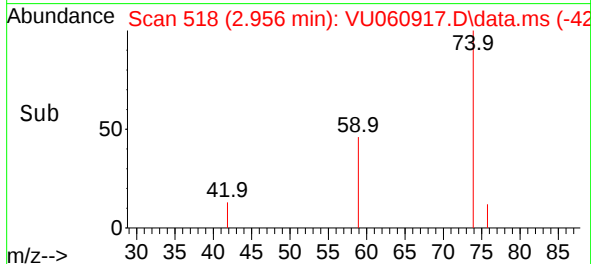


#15
Methyl Acetate
Concen: 9.261 ug/L
RT: 2.956 min Scan# 518
Delta R.T. -0.000 min
Lab File: VU060917.D
Acq: 20 Sep 2024 01:24

Instrument :
MSVOA_U
ClientSampleId :

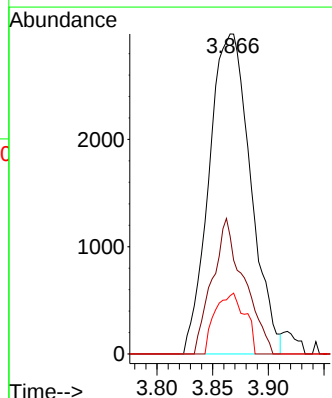
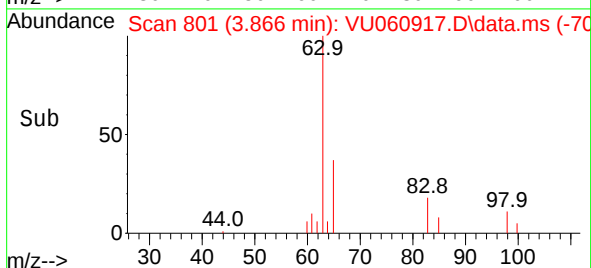
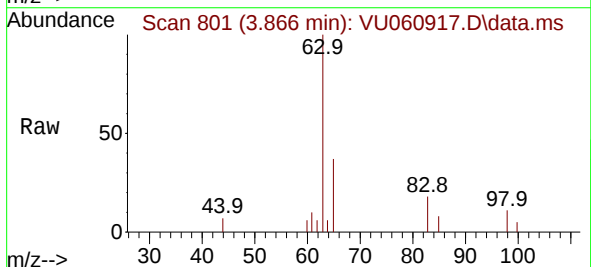


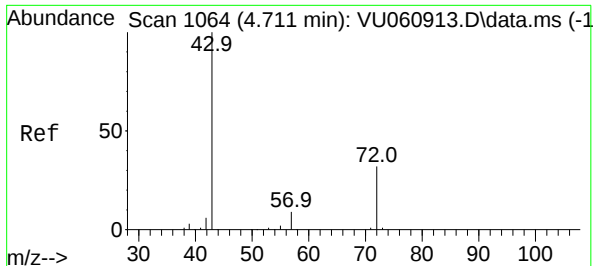
Tgt Ion: 43 Resp: 17446
Ion Ratio Lower Upper
43 100
74 24.0 18.9 28.3



#19
1,1-Dichloroethane
Concen: 0.736 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU060917.D
Acq: 20 Sep 2024 01:24

Tgt Ion: 63 Resp: 7729
Ion Ratio Lower Upper
63 100
65 34.9 23.0 42.8
83 17.3 9.0 16.6#

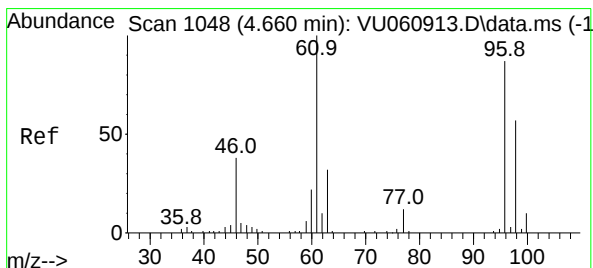
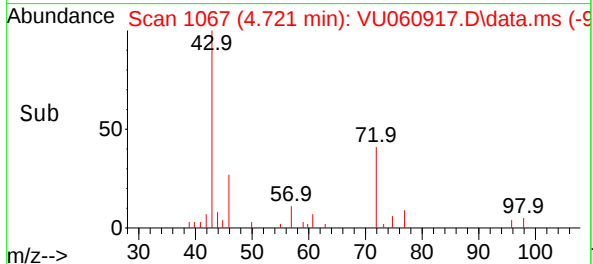
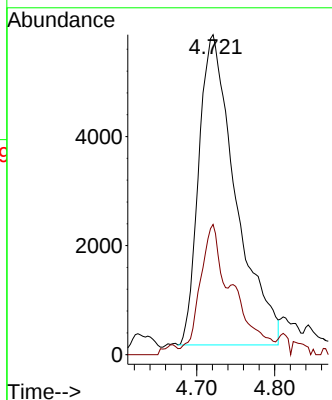
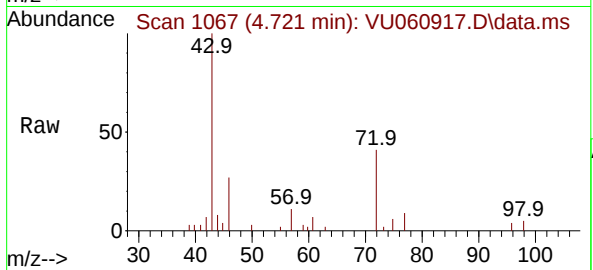




#21
2-Butanone
Concen: 14.875 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.010 min
Lab File: VU060917.D
Acq: 20 Sep 2024 01:24

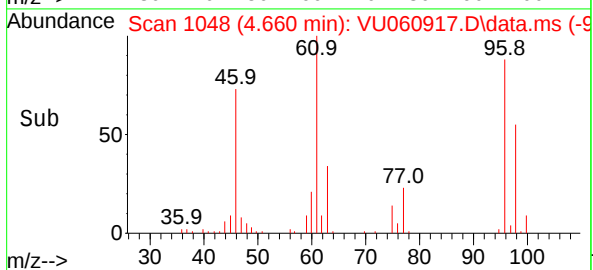
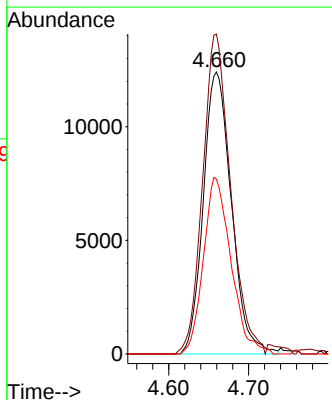
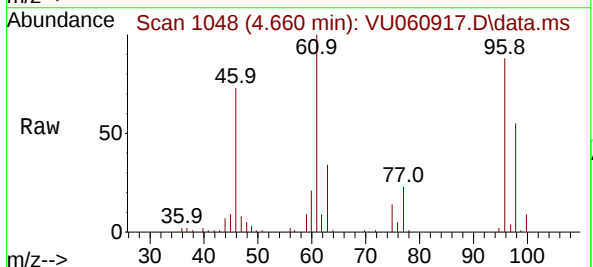
Instrument :
MSVOA_U
ClientSampleId :

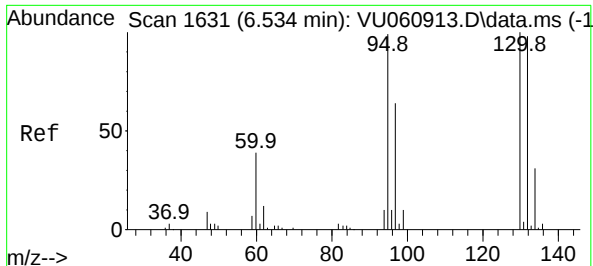
Tgt Ion: 43 Resp: 18709
Ion Ratio Lower Upper
43 100
72 22.9 14.8 44.3



#22
cis-1,2-Dichloroethene
Concen: 5.237 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU060917.D
Acq: 20 Sep 2024 01:24

Tgt Ion: 96 Resp: 30301
Ion Ratio Lower Upper
96 100
61 113.5 89.7 166.5
98 62.0 45.1 83.9





#34

Trichloroethene

Concen: 1.027 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

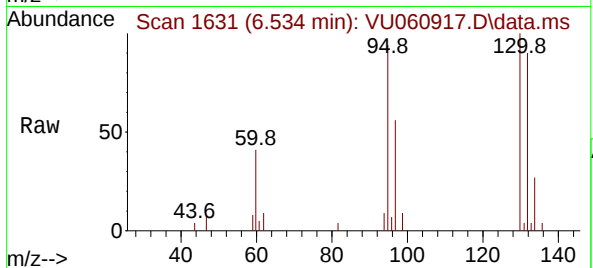
Lab File: VU060917.D

Acq: 20 Sep 2024 01:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 6269

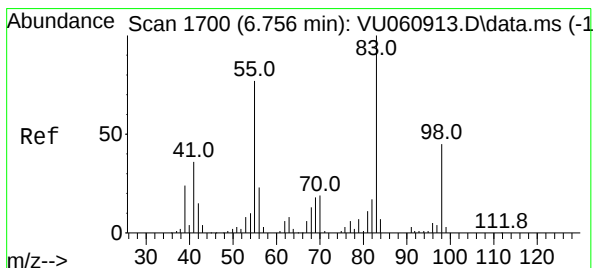
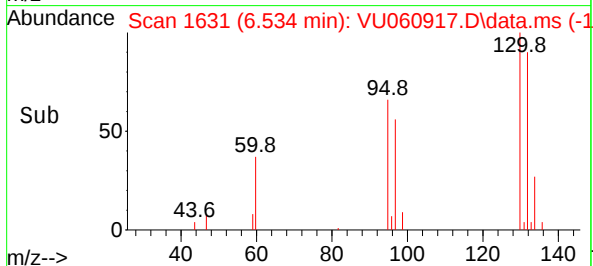
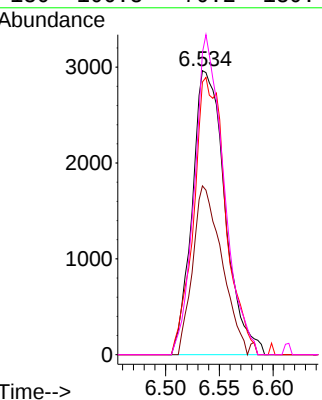
Ion Ratio Lower Upper

95 100

97 59.4 44.9 83.5

132 96.0 63.5 117.9

130 106.3 70.2 130.4



#35

Methylcyclohexane

Concen: 0.812 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU060917.D

Acq: 20 Sep 2024 01:24

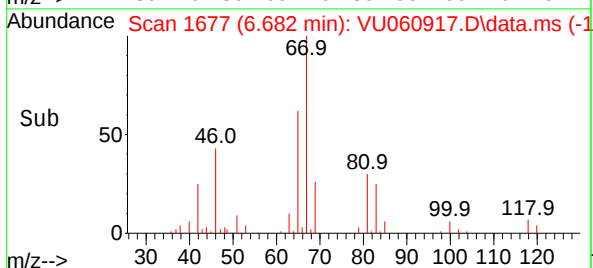
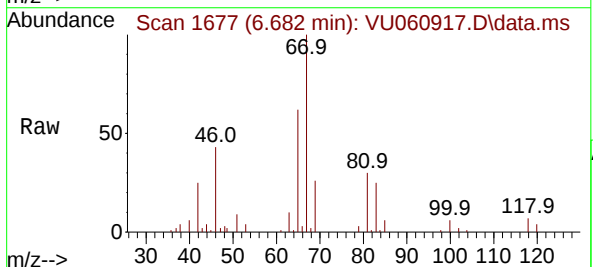
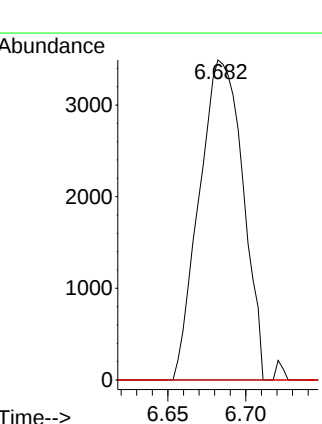
Tgt Ion: 83 Resp: 6800

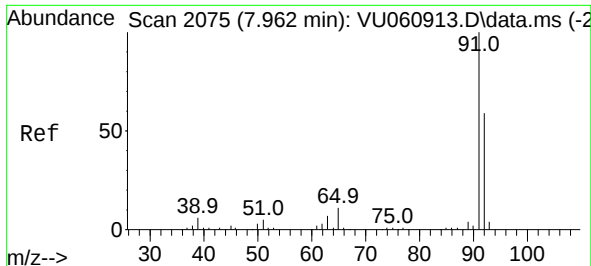
Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 8.0 37.6 56.4#





#42

Toluene

Concen: 0.127 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060917.D

Acq: 20 Sep 2024 01:24

Instrument :

MSVOA_U

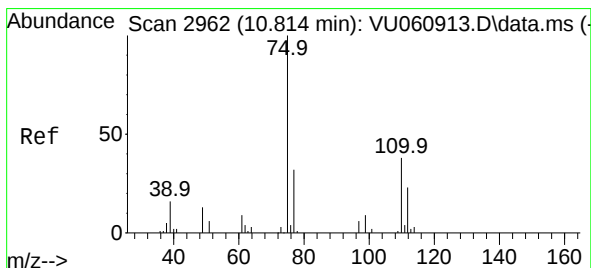
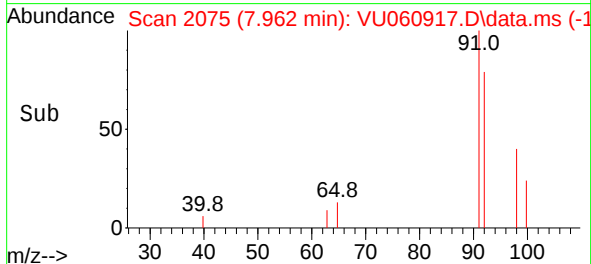
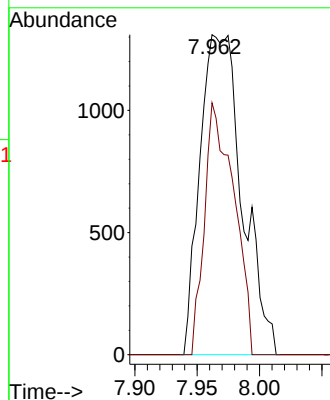
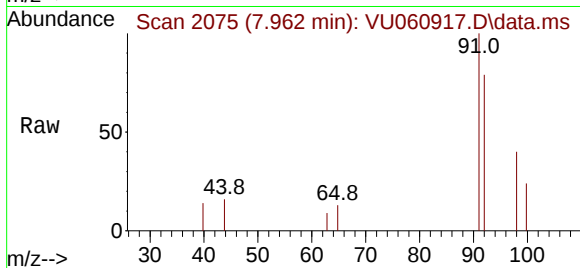
ClientSampleId :

Tgt Ion: 91 Resp: 3092

Ion Ratio Lower Upper

91 100

92 78.7 40.5 75.3#



#61

1,2,3-Trichloropropane

Concen: 1.054 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU060917.D

Acq: 20 Sep 2024 01:24

Tgt Ion: 75 Resp: 3392

Ion Ratio Lower Upper

75 100

110 2.7 28.6 43.0#

77 25.7 26.3 39.5#

