

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060817.D
 Acq On : 17 Sep 2024 07:09
 Operator : MD/SY
 Sample : P3952-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 07:26:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 02:49:32 2024
 Response via : Initial Calibration

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

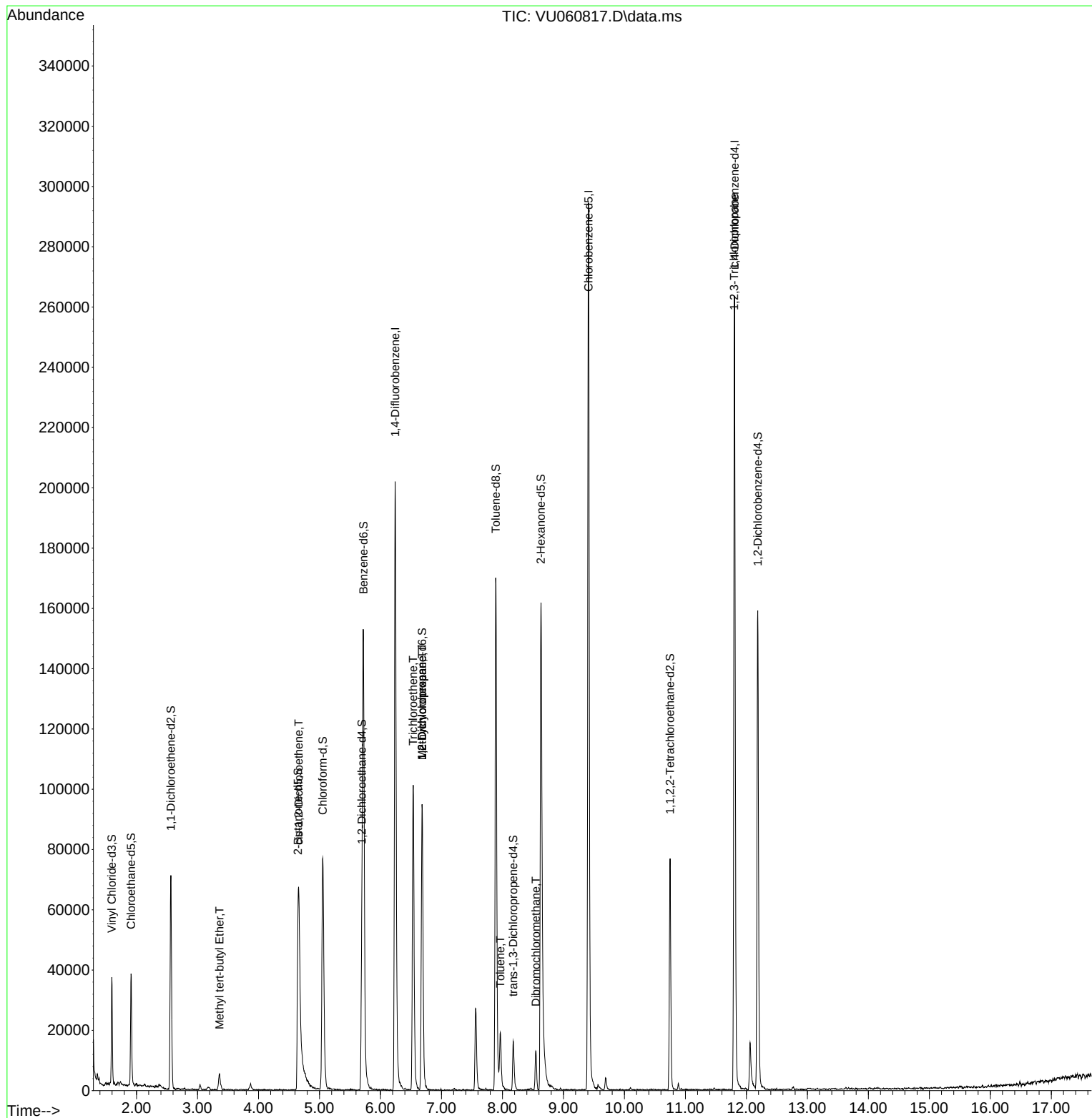
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	173221	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	183861	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	78912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24934	1.600	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	32.000%#
7) Chloroethane-d5	1.911	69	29328	2.644	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	52.800%#
11) 1,1-Dichloroethene-d2	2.563	65	13193	2.389	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.800%#
20) 2-Butanone-d5	4.650	46	82772	33.093	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.180%
24) Chloroform-d	5.052	84	77552	3.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.200%#
26) 1,2-Dichloroethane-d4	5.695	65	38071	3.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.800%#
32) Benzene-d6	5.721	84	150756	3.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.200%#
36) 1,2-Dichloropropane-d6	6.682	67	51487	3.377	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.600%
41) Toluene-d8	7.891	98	127918	2.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.000%#
43) trans-1,3-Dichloroprop...	8.177	79	10462	1.906	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	38.200%#
46) 2-Hexanone-d5	8.631	63	60198	27.805	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	55.620%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	39607	3.316	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	66.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	48846	3.684	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.600%#
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.361	73	5776	0.235	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	17783	1.423	ug/L	91
34) Trichloroethene	6.534	95	36517	2.755	ug/L	92
35) Methylcyclohexane	6.682	83	11044	0.607	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	4901	0.352	ug/L #	93
42) Toluene	7.965	91	15426	0.292	ug/L	99
49) Dibromochloromethane	8.547	129	3096	0.270	ug/L #	9
61) 1,2,3-Trichloropropane	11.801	75	8560	1.163	ug/L #	68

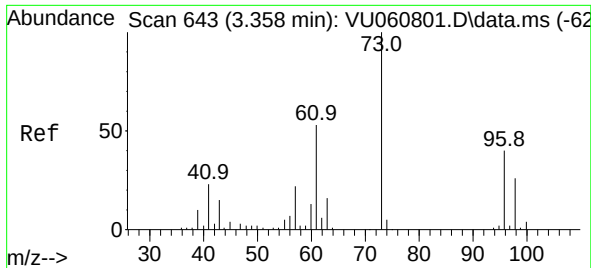
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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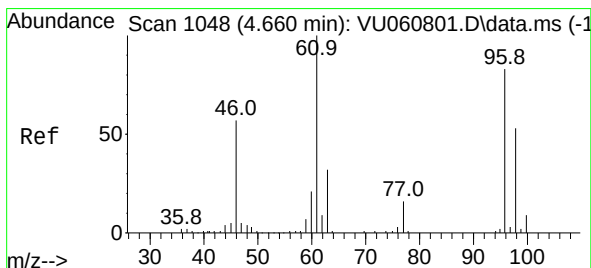
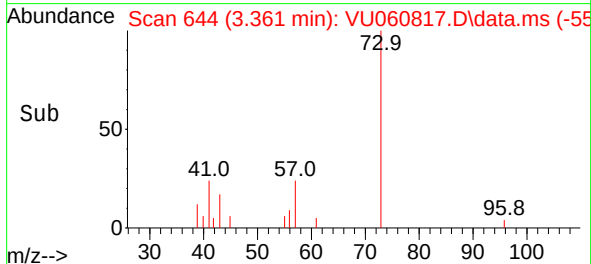
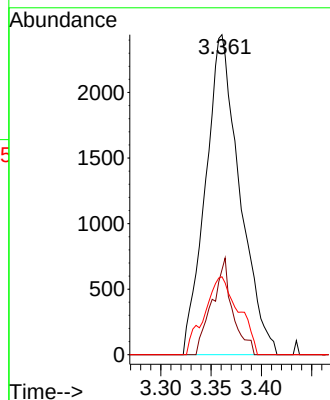
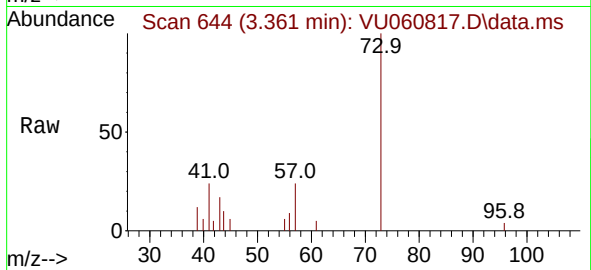




#17
Methyl tert-butyl Ether
Concen: 0.235 ug/L
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU060817.D
Acq: 17 Sep 2024 07:09

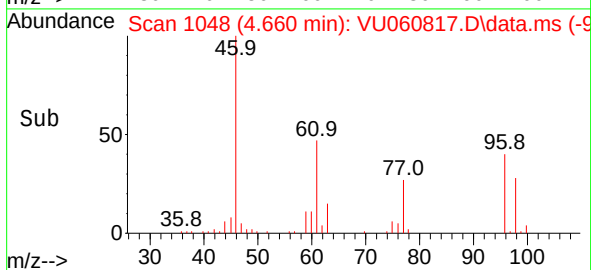
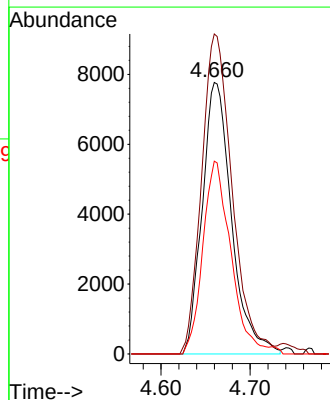
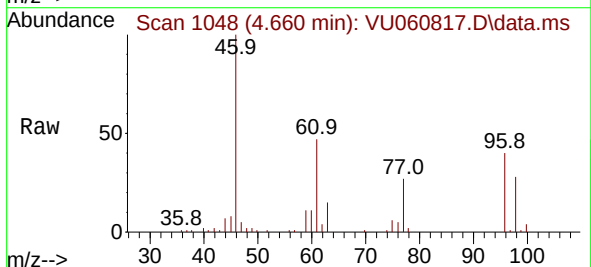
Instrument :
MSVOA_U
ClientSampleId :

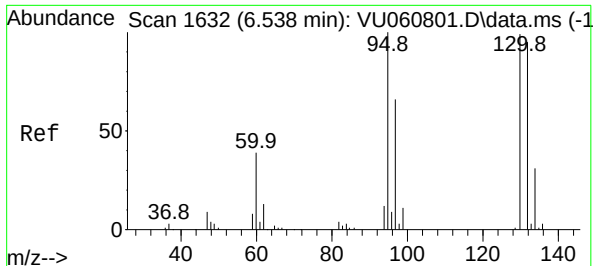
Tgt Ion: 73 Resp: 5776
Ion Ratio Lower Upper
73 100
43 18.1 13.8 20.8
57 24.2 18.0 27.0



#22
cis-1,2-Dichloroethene
Concen: 1.423 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU060817.D
Acq: 17 Sep 2024 07:09

Tgt Ion: 96 Resp: 17783
Ion Ratio Lower Upper
96 100
61 117.8 89.7 166.5
98 71.0 45.1 83.9





#34

Trichloroethene

Concen: 2.755 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060817.D

Acq: 17 Sep 2024 07:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 36517

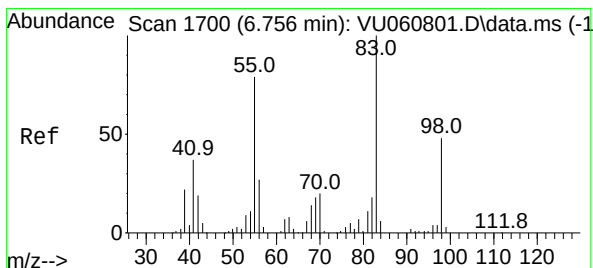
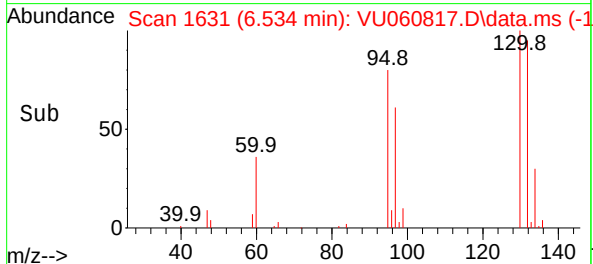
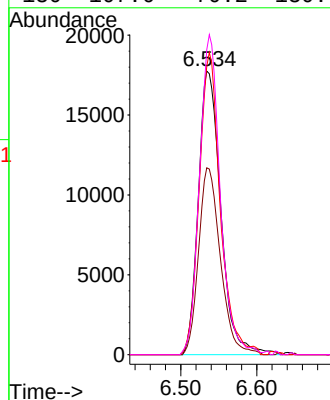
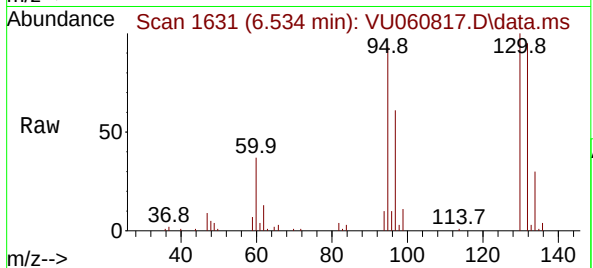
Ion Ratio Lower Upper

95 100

97 65.9 44.9 83.5

132 101.7 63.5 117.9

130 107.6 70.2 130.4



#35

Methylcyclohexane

Concen: 0.607 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU060817.D

Acq: 17 Sep 2024 07:09

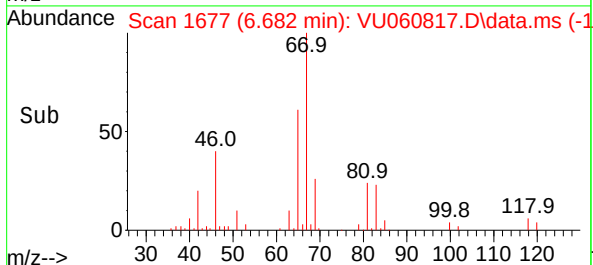
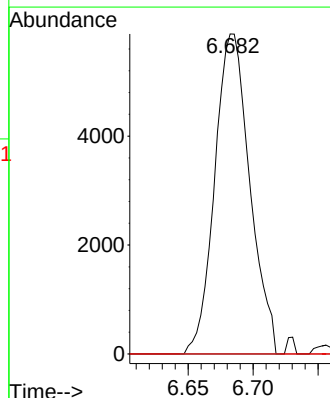
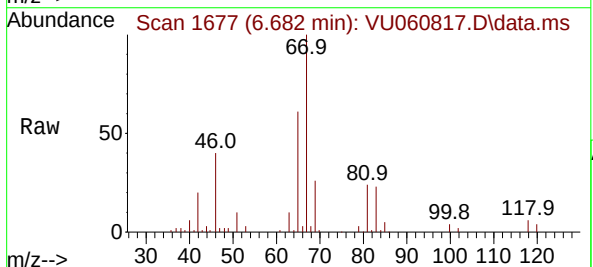
Tgt Ion: 83 Resp: 11044

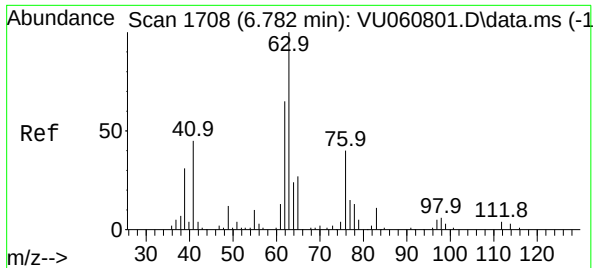
Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 0.0 37.6 56.4#

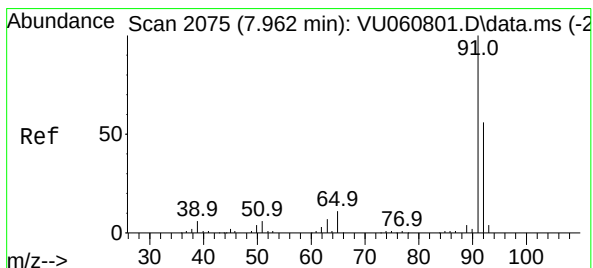
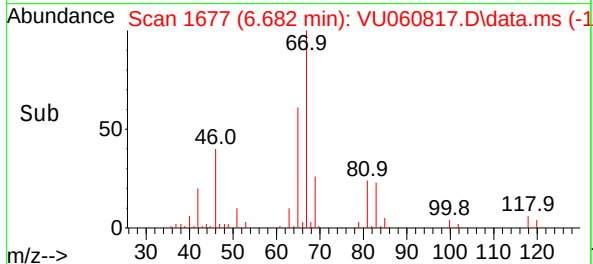
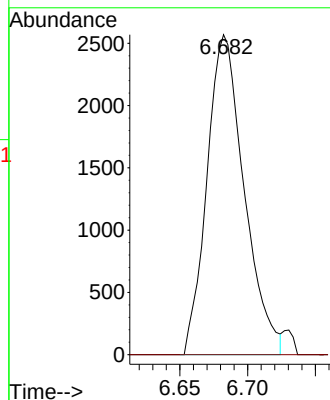
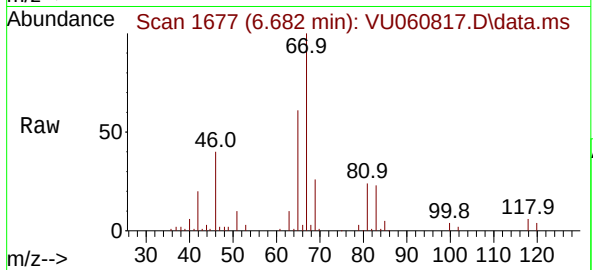




#37
1,2-Dichloropropane
Concen: 0.352 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060817.D
Acq: 17 Sep 2024 07:09

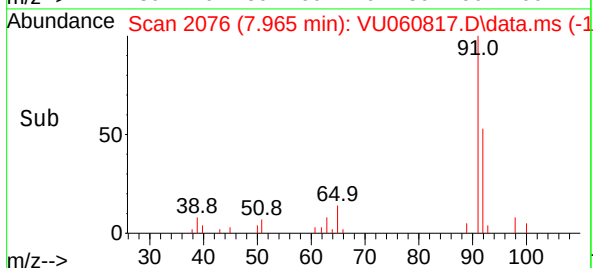
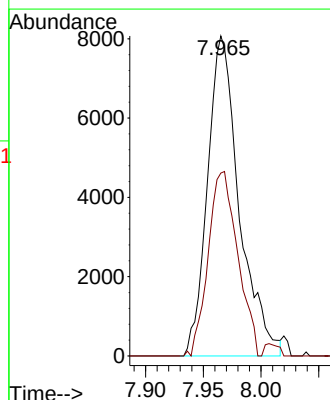
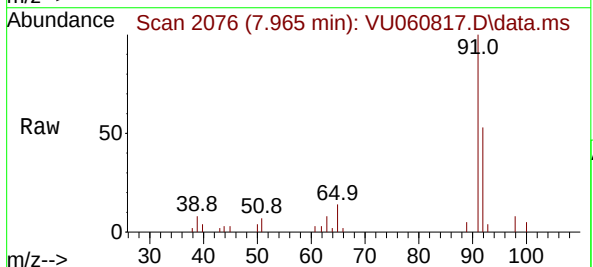
Instrument :
MSVOA_U
ClientSampleId :

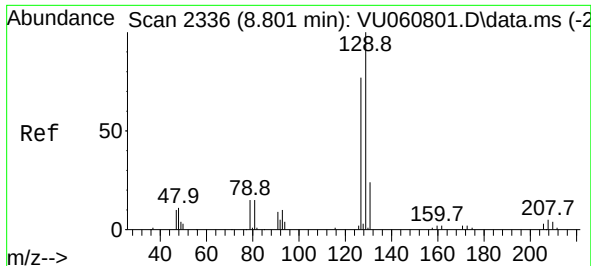
Tgt Ion: 63 Resp: 4901
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#42
Toluene
Concen: 0.292 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU060817.D
Acq: 17 Sep 2024 07:09

Tgt Ion: 91 Resp: 15426
Ion Ratio Lower Upper
91 100
92 57.2 40.5 75.3





#49

Dibromochloromethane

Concen: 0.270 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU060817.D

Acq: 17 Sep 2024 07:09

Instrument :

MSVOA_U

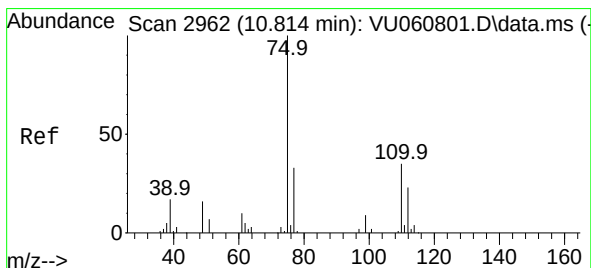
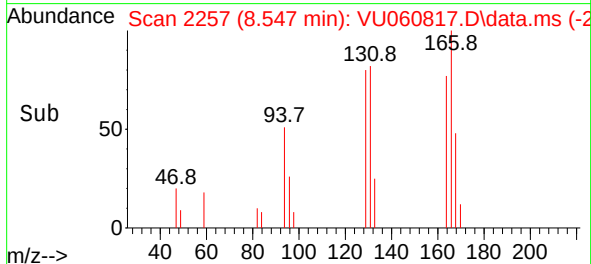
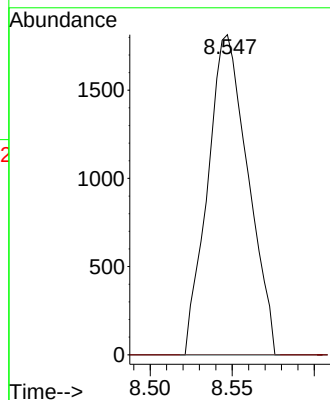
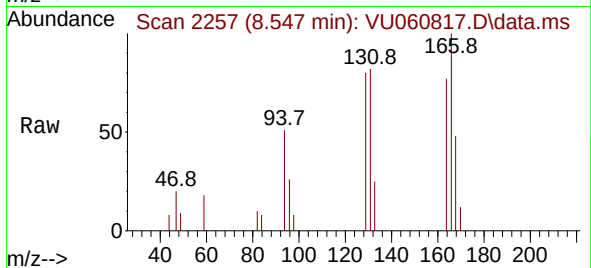
ClientSampleId :

Tgt Ion:129 Resp: 3096

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#



#61

1,2,3-Trichloropropane

Concen: 1.163 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.987 min

Lab File: VU060817.D

Acq: 17 Sep 2024 07:09

Tgt Ion: 75 Resp: 8560

Ion Ratio Lower Upper

75 100

110 1.4 28.6 43.0#

77 31.2 26.3 39.5

