

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060910.D
 Acq On : 19 Sep 2024 19:56
 Operator : MD/SY
 Sample : P3987-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 20 00:01:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 23:54:48 2024
 Response via : Initial Calibration

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

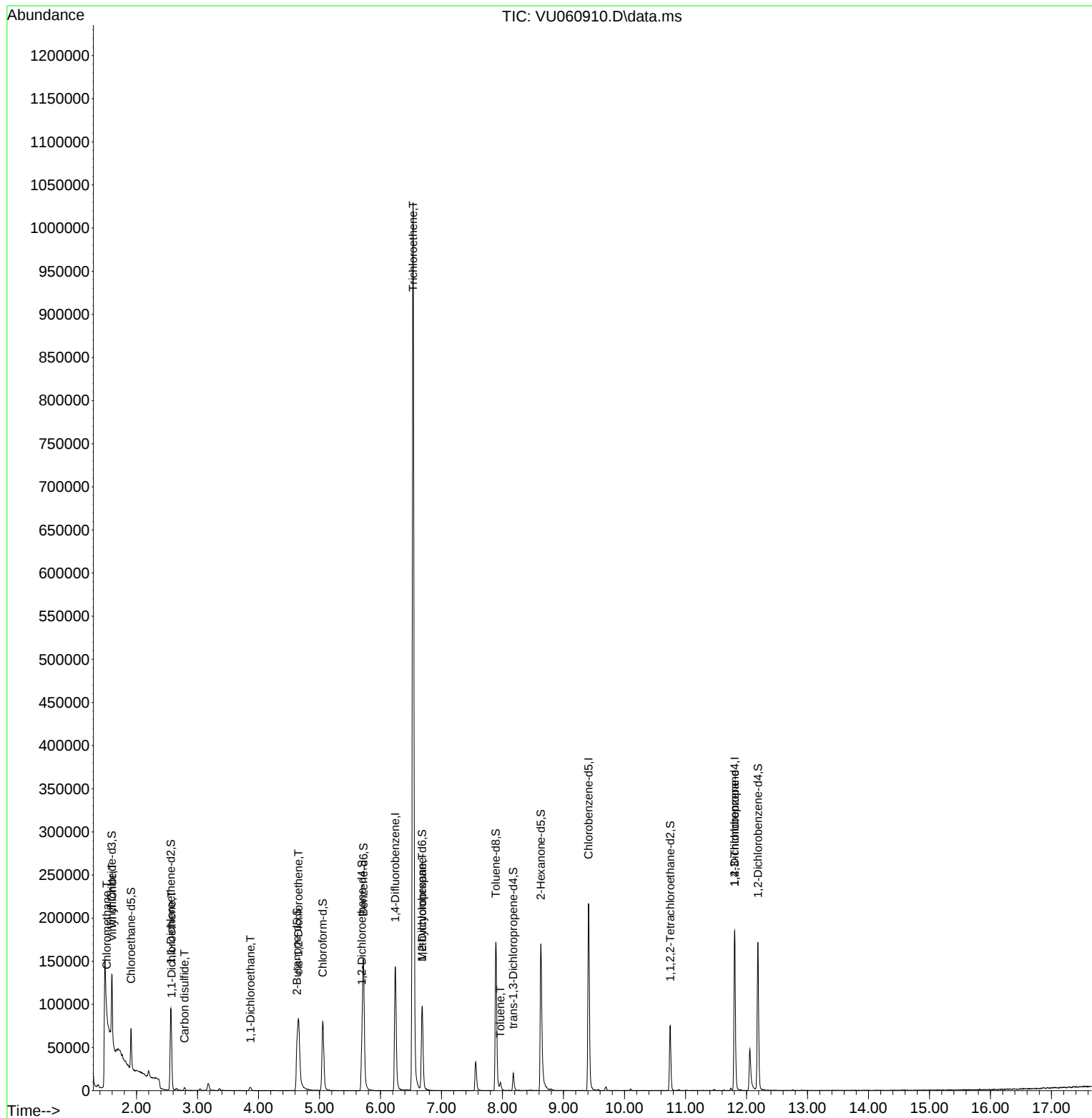
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	128034	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	138389	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	56561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42874	3.723	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.911	69	35462	4.325	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.563	65	16568	4.059	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	4.631	46	73659	39.843	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.680%
24) Chloroform-d	5.052	84	80673	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.695	65	39726	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.721	84	148932	4.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.682	67	49846	4.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.891	98	126289	3.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	8.177	79	12238	2.962	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.200%
46) 2-Hexanone-d5	8.627	63	60334	37.025	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.060%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	38688	4.303	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	50329	5.296	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1639	0.161	ug/L #	55
5) Vinyl chloride	1.602	62	16164	1.463	ug/L #	1
12) 1,1-Dichloroethene	2.576	96	6345	0.788	ug/L #	11
14) Carbon disulfide	2.788	76	4338	0.194	ug/L #	92
19) 1,1-Dichloroethane	3.869	63	4701	0.281	ug/L	91
22) cis-1,2-Dichloroethene	4.657	96	34686	3.755	ug/L	93
34) Trichloroethene	6.534	95	361285	36.218	ug/L	94
35) Methylcyclohexane	6.682	83	12642	0.924	ug/L #	17
42) Toluene	7.965	91	7359	0.185	ug/L	82
61) 1,2,3-Trichloropropane	11.807	75	6032	1.143	ug/L #	55

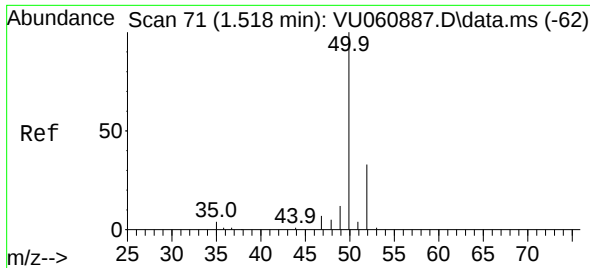
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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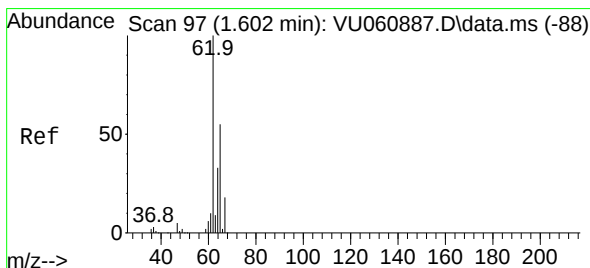
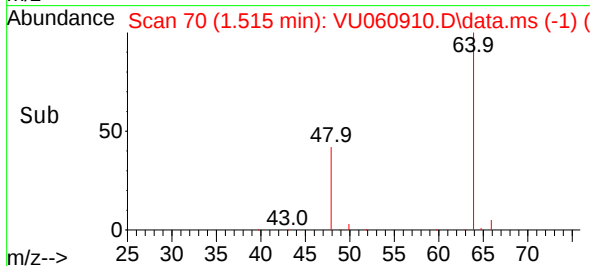
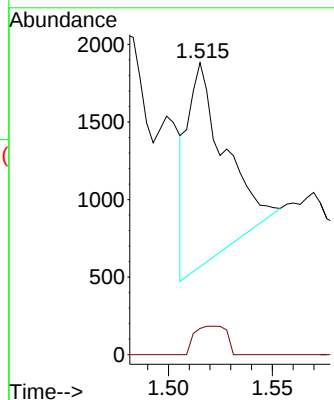
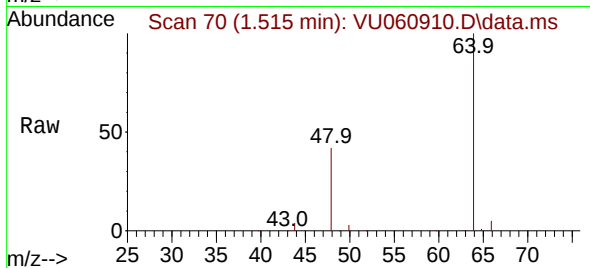




#3
Chloromethane
Concen: 0.161 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU060910.D
Acq: 19 Sep 2024 19:56

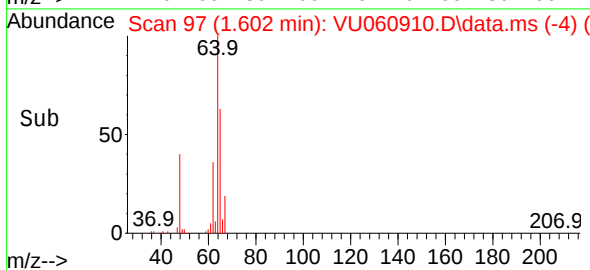
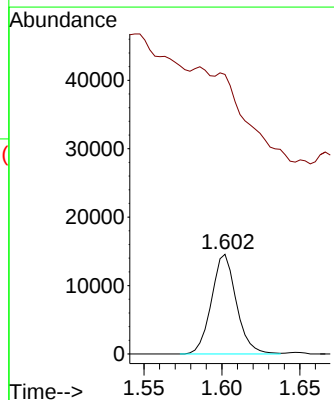
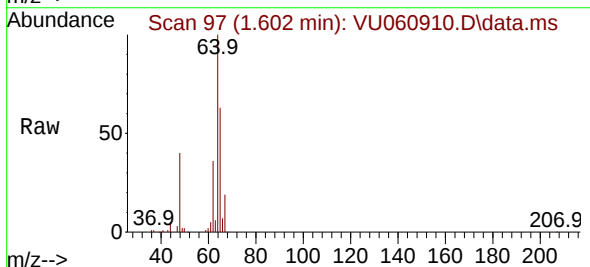
Instrument :
MSVOA_U
ClientSampleId :

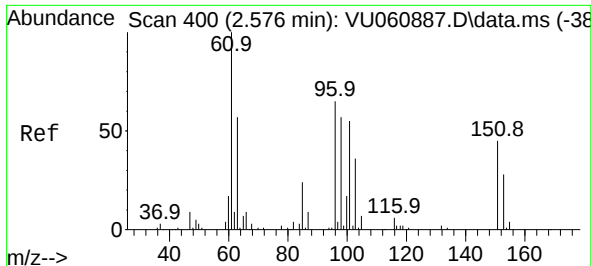
Tgt Ion: 50 Resp: 1639
Ion Ratio Lower Upper
50 100
52 9.0 24.4 45.4#



#5
Vinyl chloride
Concen: 1.463 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU060910.D
Acq: 19 Sep 2024 19:56

Tgt Ion: 62 Resp: 16164
Ion Ratio Lower Upper
62 100
64 280.3 24.0 44.6#





#12

1,1-Dichloroethene

Concen: 0.788 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

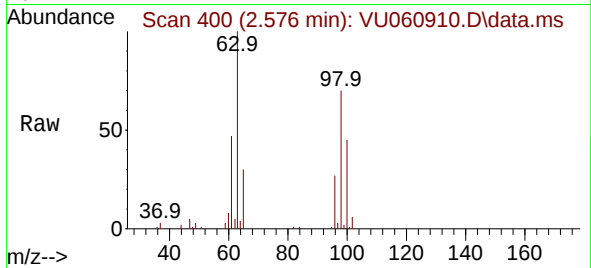
Lab File: VU060910.D

Acq: 19 Sep 2024 19:56

Instrument :

MSVOA_U

ClientSampleId :



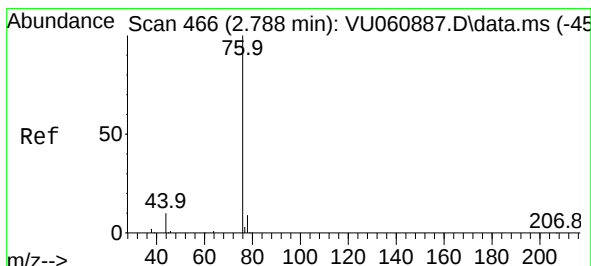
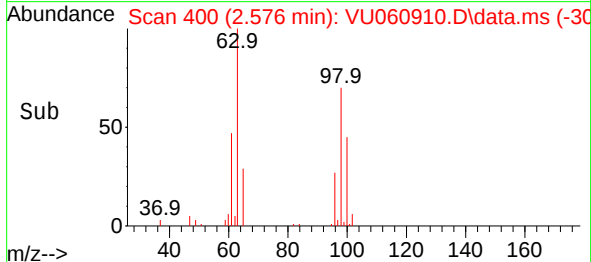
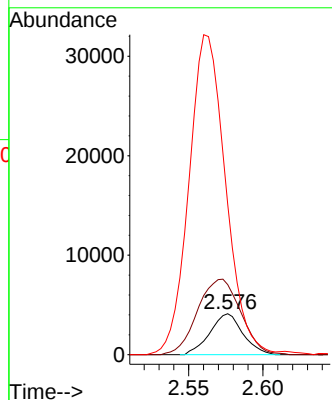
Tgt Ion: 96 Resp: 6345

Ion Ratio Lower Upper

96 100

61 171.3 120.7 224.1

63 367.5 90.0 167.2#



#14

Carbon disulfide

Concen: 0.194 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060910.D

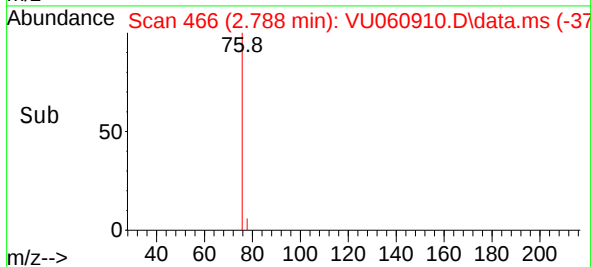
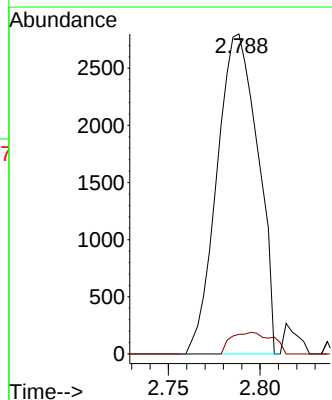
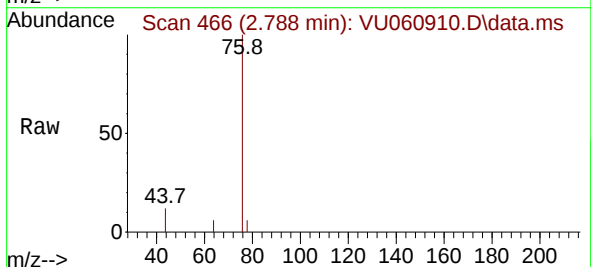
Acq: 19 Sep 2024 19:56

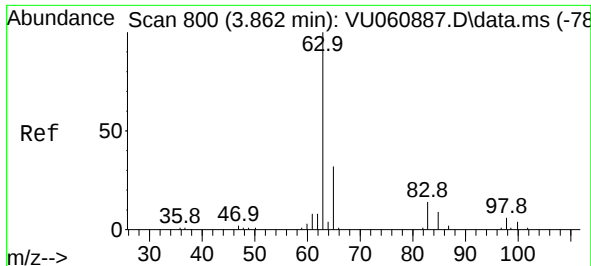
Tgt Ion: 76 Resp: 4338

Ion Ratio Lower Upper

76 100

78 6.1 7.1 10.7#





#19

1,1-Dichloroethane

Concen: 0.281 ug/L

RT: 3.869 min Scan# 800

Delta R.T. 0.007 min

Lab File: VU060910.D

Acq: 19 Sep 2024 19:56

Instrument :

MSVOA_U

ClientSampleId :

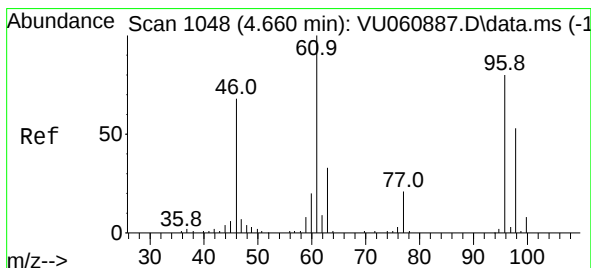
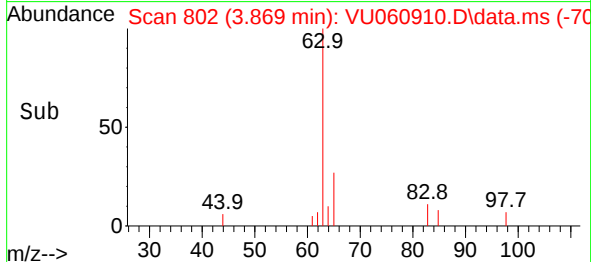
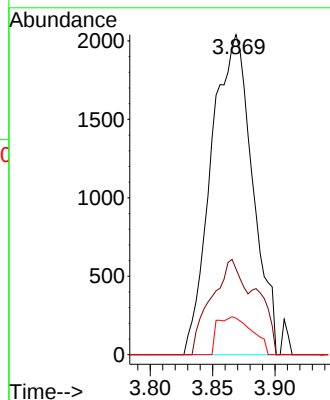
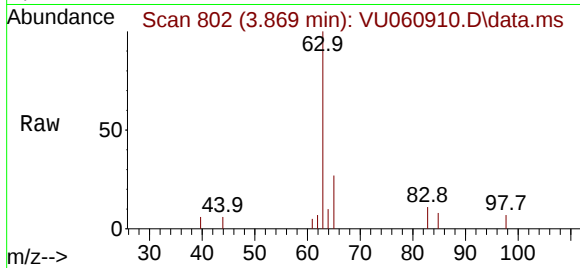
Tgt Ion: 63 Resp: 4701

Ion Ratio Lower Upper

63 100

65 26.8 23.0 42.8

83 11.4 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 3.755 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU060910.D

Acq: 19 Sep 2024 19:56

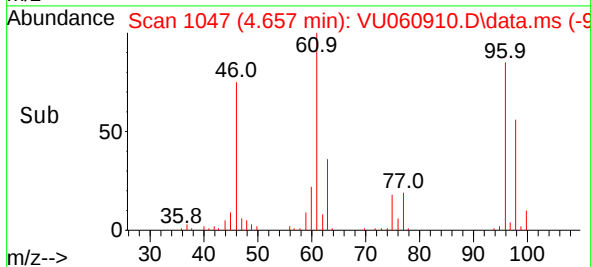
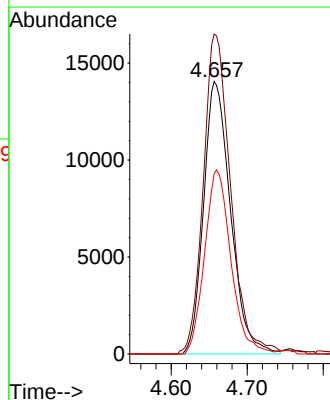
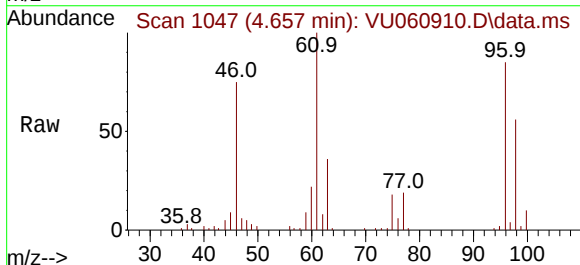
Tgt Ion: 96 Resp: 34686

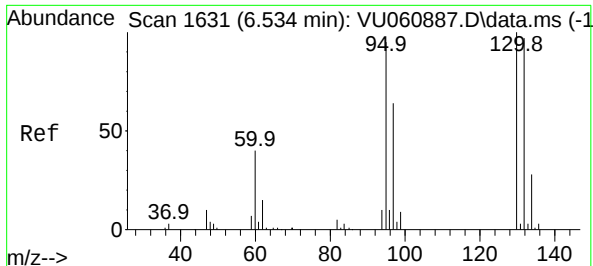
Ion Ratio Lower Upper

96 100

61 117.4 89.7 166.5

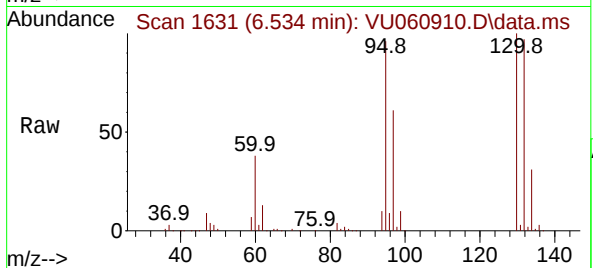
98 66.0 45.1 83.9





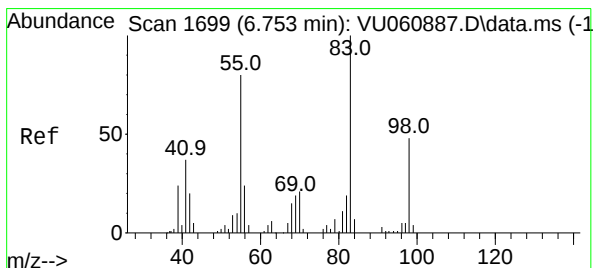
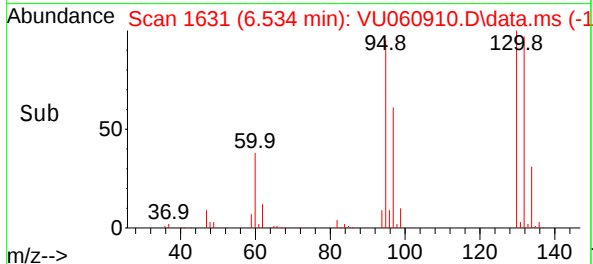
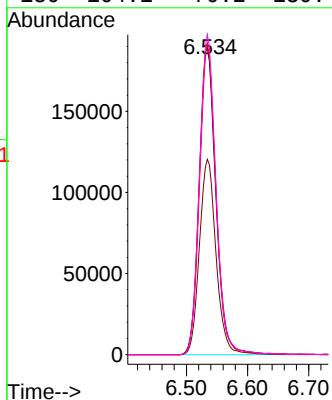
#34
Trichloroethene
Concen: 36.218 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU060910.D
Acq: 19 Sep 2024 19:56

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 361285

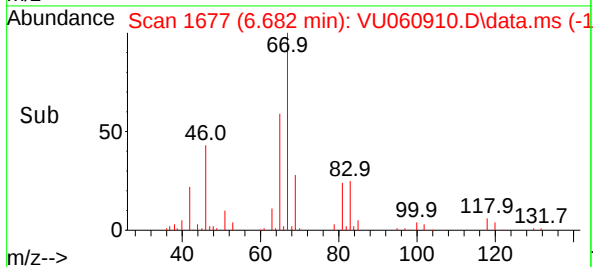
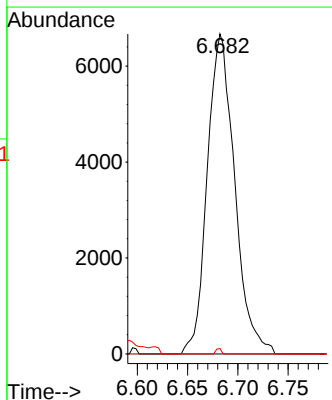
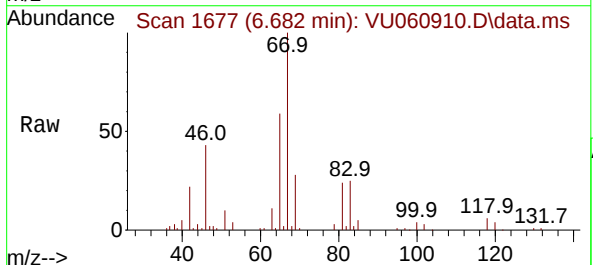
Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.9	83.5
132	101.4	63.5	117.9
130	104.1	70.2	130.4

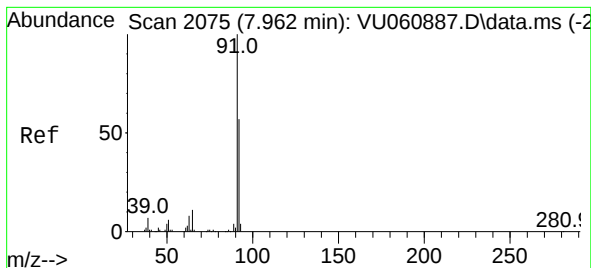


#35
Methylcyclohexane
Concen: 0.924 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU060910.D
Acq: 19 Sep 2024 19:56

Tgt Ion: 83 Resp: 12642

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.0	37.6	56.4#





#42

Toluene

Concen: 0.185 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060910.D

Acq: 19 Sep 2024 19:56

Instrument :

MSVOA_U

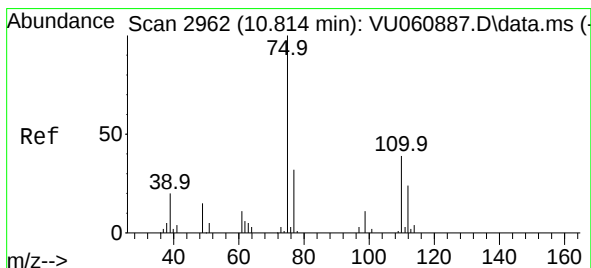
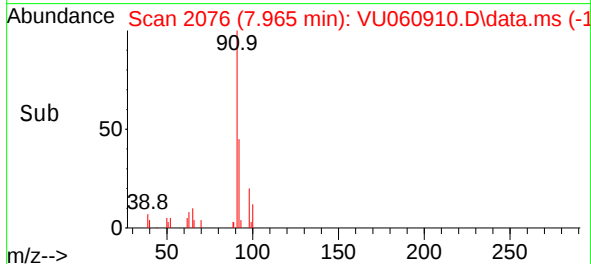
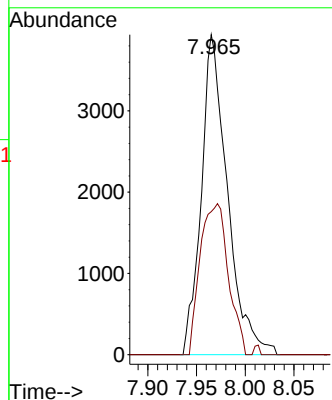
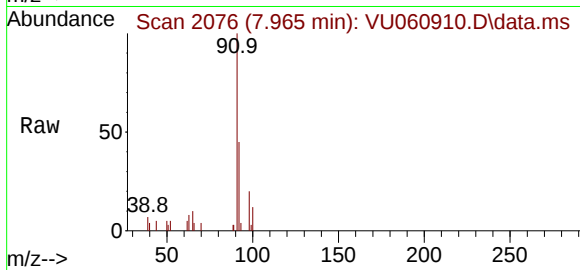
ClientSampleId :

Tgt Ion: 91 Resp: 7359

Ion Ratio Lower Upper

91 100

92 44.7 40.5 75.3



#61

1,2,3-Trichloropropane

Concen: 1.143 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.994 min

Lab File: VU060910.D

Acq: 19 Sep 2024 19:56

Tgt Ion: 75 Resp: 6032

Ion Ratio Lower Upper

75 100

110 2.2 28.6 43.0#

77 14.6 26.3 39.5#

