

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101024\
 Data File : VU061084.D
 Acq On : 10 Oct 2024 13:06
 Operator : MD/SY
 Sample : P4380-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 06:47:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 11 06:46:55 2024
 Response via : Initial Calibration

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

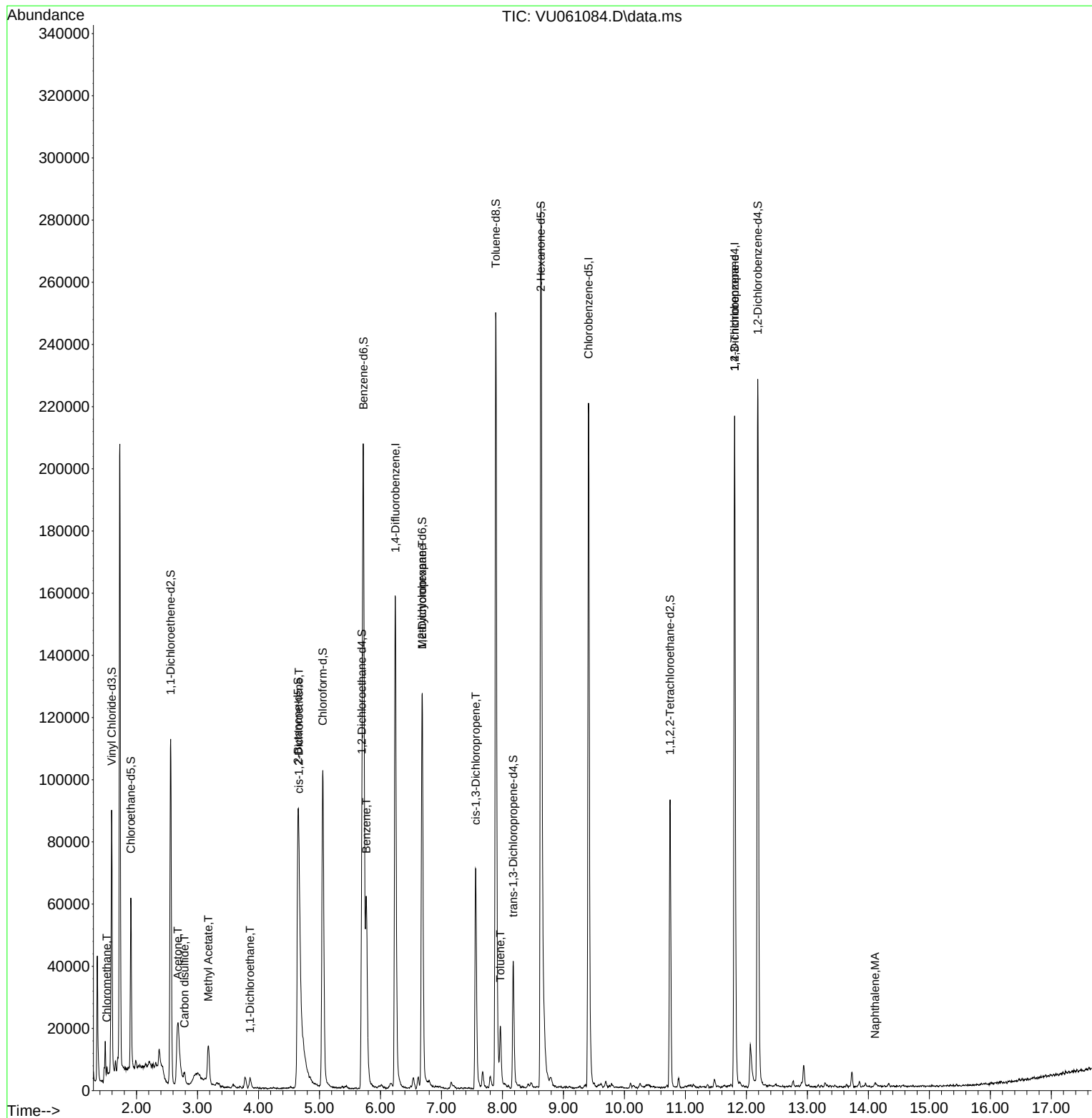
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	132974	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	121782	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	57114	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	45967	4.835	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.907	69	39206	5.509	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.200%
11) 1,1-Dichloroethene-d2	2.560	65	21416	5.106	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.200%
20) 2-Butanone-d5	4.650	46	139339	61.187	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.380%
24) Chloroform-d	5.055	84	97130	5.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.000%
26) 1,2-Dichloroethane-d4	5.695	65	51333	5.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.600%
32) Benzene-d6	5.721	84	189362	5.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.000%
36) 1,2-Dichloropropane-d6	6.685	67	64426	6.109	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	122.200%
41) Toluene-d8	7.891	98	173137	5.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.400%
43) trans-1,3-Dichloroprop...	8.177	79	24964	5.537	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.800%
46) 2-Hexanone-d5	8.630	63	115184	61.718	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.440%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	46818	6.054	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.000%#
66) 1,2-Dichlorobenzene-d4	12.187	152	57873	6.337	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.800%#
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1859	0.199	ug/L	99
13) Acetone	2.676	43	48864	33.364	ug/L	95
14) Carbon disulfide	2.788	76	3578	0.137	ug/L #	90
15) Methyl Acetate	3.177	43	1200	0.337	ug/L #	52
19) 1,1-Dichloroethane	3.862	63	4276	0.261	ug/L #	94
22) cis-1,2-Dichloroethene	4.663	96	1997	0.213	ug/L	90
33) Benzene	5.769	78	58734	1.636	ug/L	100
35) Methylcyclohexane	6.685	83	13963	0.888	ug/L #	18
39) cis-1,3-Dichloropropene	7.563	75	1985	0.134	ug/L #	64
42) Toluene	7.965	91	14115	0.369	ug/L	99
61) 1,2,3-Trichloropropane	11.807	75	8016	1.429	ug/L #	67
71) Naphthalene	14.109	128	2845	0.197	ug/L #	77

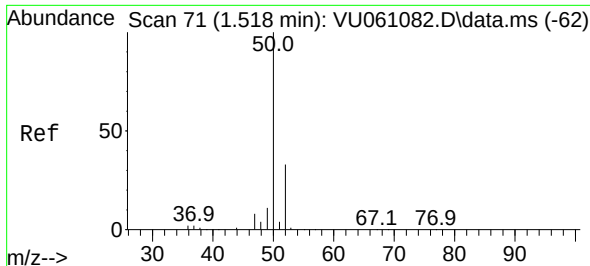
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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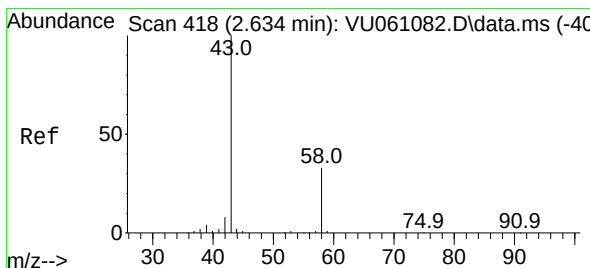
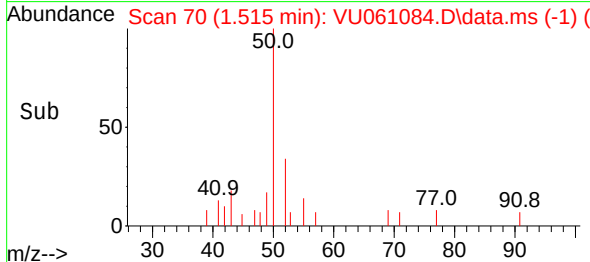
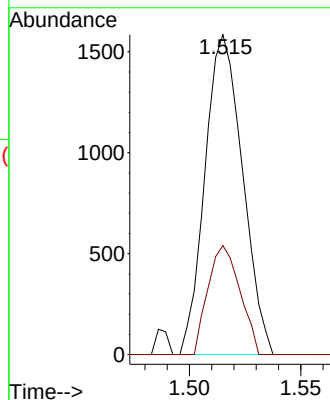
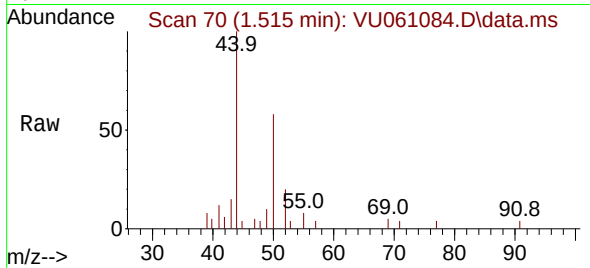




#3
Chloromethane
Concen: 0.199 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU061084.D
Acq: 10 Oct 2024 13:06

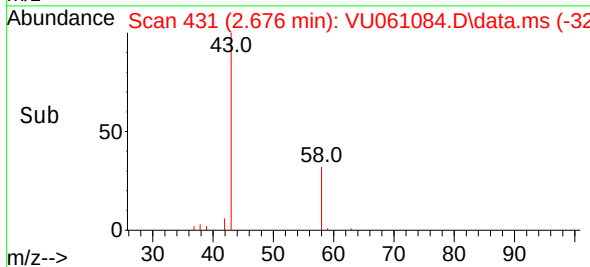
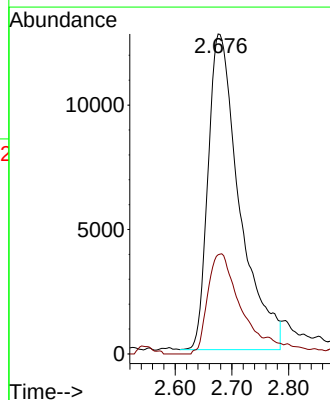
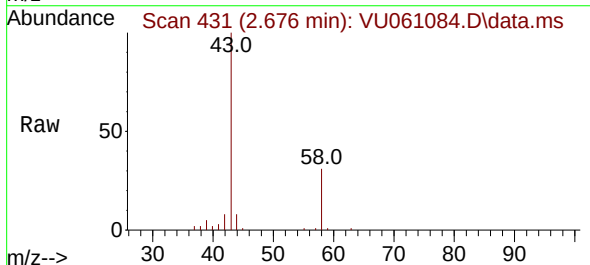
Instrument :
MSVOA_U
ClientSampleId :

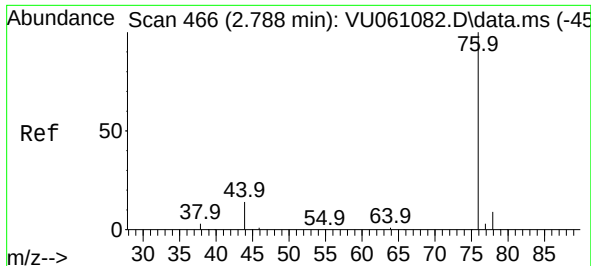
Tgt Ion: 50 Resp: 1859
Ion Ratio Lower Upper
50 100
52 34.1 24.4 45.4



#13
Acetone
Concen: 33.364 ug/L
RT: 2.676 min Scan# 431
Delta R.T. 0.042 min
Lab File: VU061084.D
Acq: 10 Oct 2024 13:06

Tgt Ion: 43 Resp: 48864
Ion Ratio Lower Upper
43 100
58 31.6 0.0 69.6





#14

Carbon disulfide

Concen: 0.137 ug/L

RT: 2.788 min Scan# 4

Delta R.T. -0.000 min

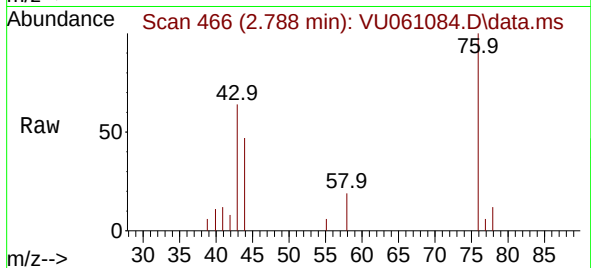
Lab File: VU061084.D

Acq: 10 Oct 2024 13:06

Instrument :

MSVOA_U

ClientSampleId :

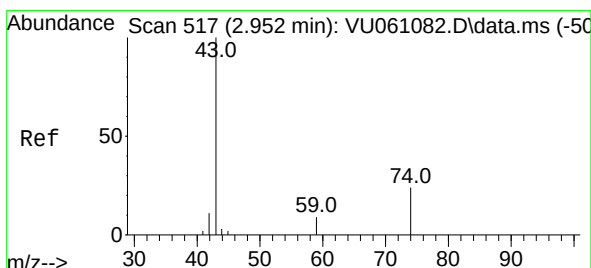
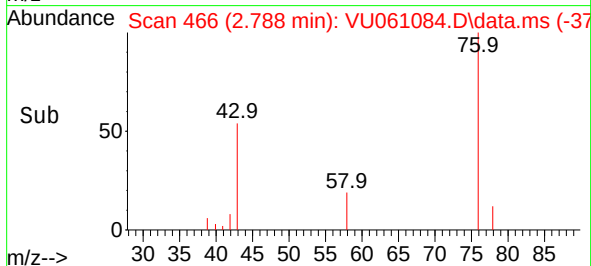
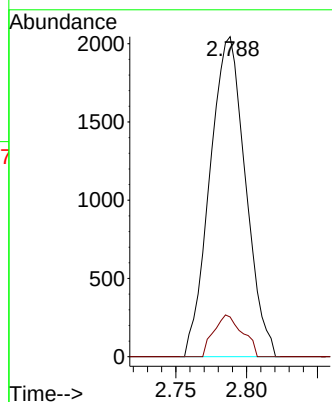


Tgt Ion: 76 Resp: 3578

Ion Ratio Lower Upper

76 100

78 12.4 7.1 10.7#



#15

Methyl Acetate

Concen: 0.337 ug/L

RT: 3.177 min Scan# 587

Delta R.T. 0.225 min

Lab File: VU061084.D

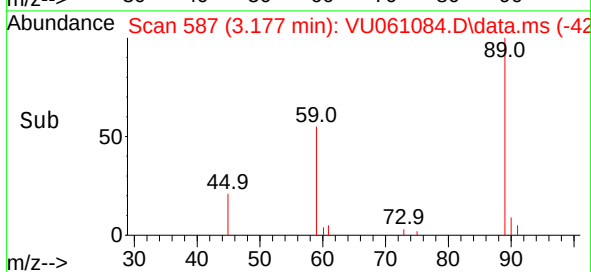
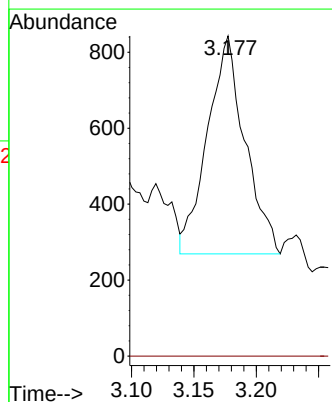
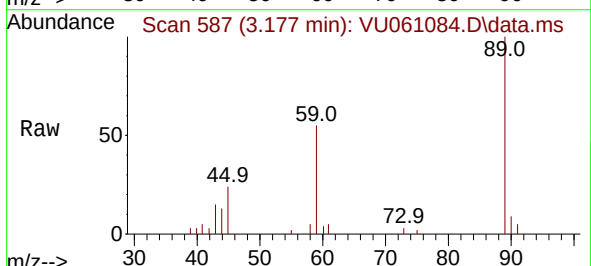
Acq: 10 Oct 2024 13:06

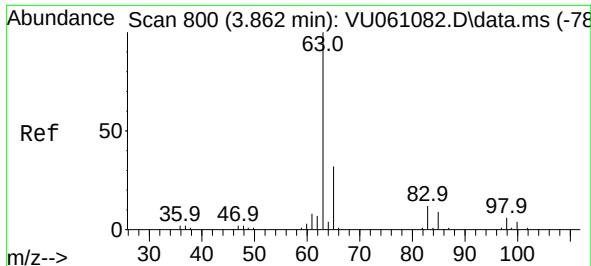
Tgt Ion: 43 Resp: 1200

Ion Ratio Lower Upper

43 100

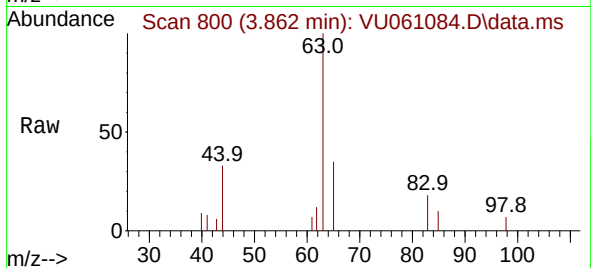
74 0.0 18.9 28.3#



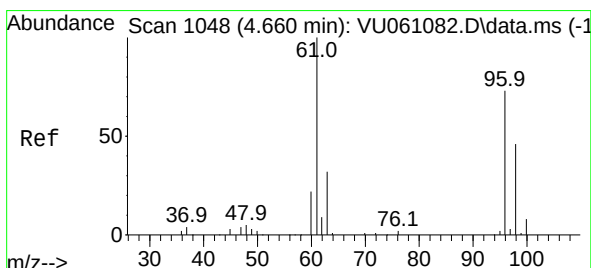
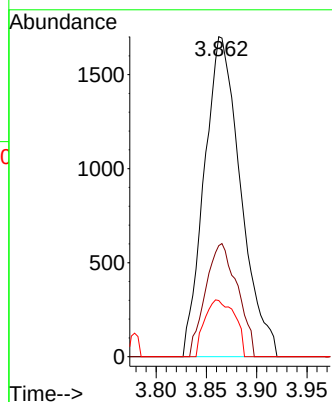
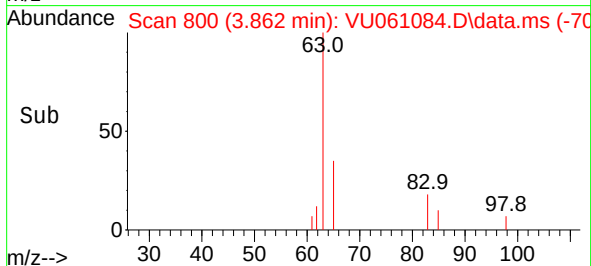


#19
 1,1-Dichloroethane
 Concen: 0.261 ug/L
 RT: 3.862 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VU061084.D
 Acq: 10 Oct 2024 13:06

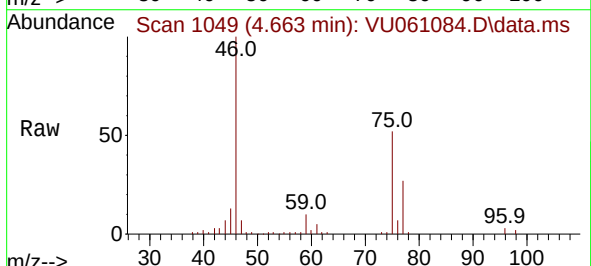
Instrument :
 MSVOA_U
 ClientSampleId :



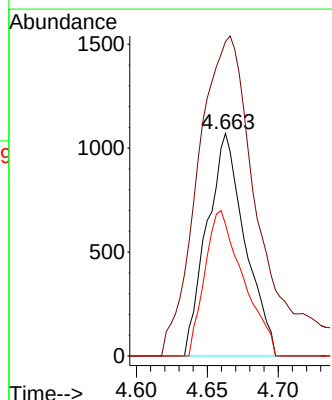
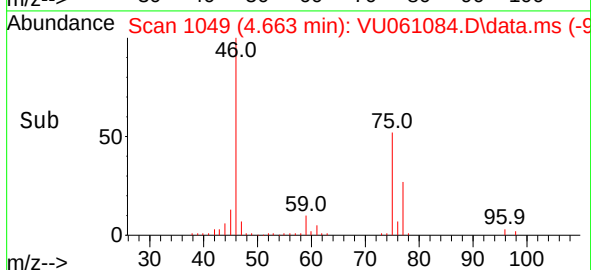
Tgt Ion: 63 Resp: 4276
 Ion Ratio Lower Upper
 63 100
 65 34.7 23.0 42.8
 83 17.6 9.0 16.6#

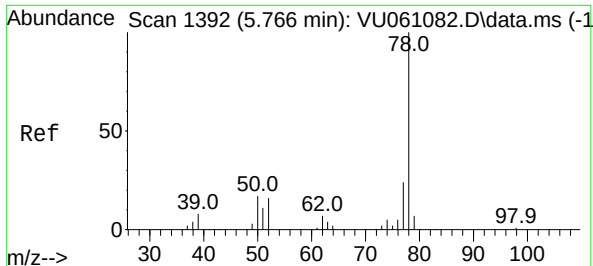


#22
 cis-1,2-Dichloroethene
 Concen: 0.213 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU061084.D
 Acq: 10 Oct 2024 13:06



Tgt Ion: 96 Resp: 1997
 Ion Ratio Lower Upper
 96 100
 61 141.3 89.7 166.5
 98 59.2 45.1 83.9





#33

Benzene

Concen: 1.636 ug/L

RT: 5.769 min Scan# 14

Delta R.T. 0.003 min

Lab File: VU061084.D

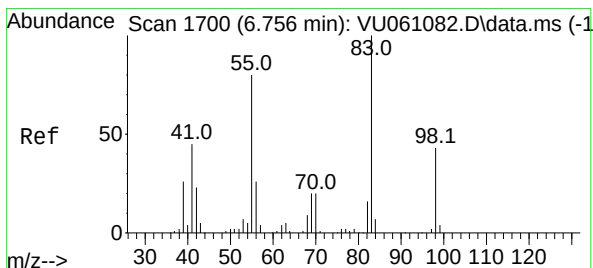
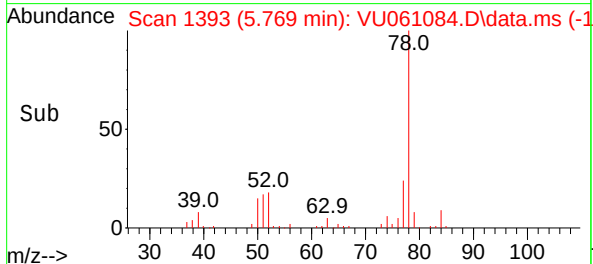
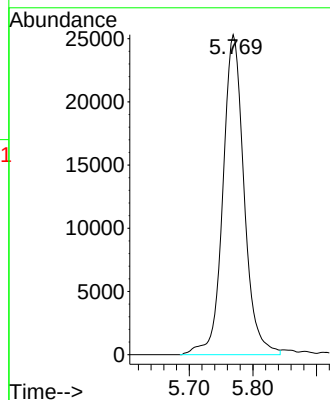
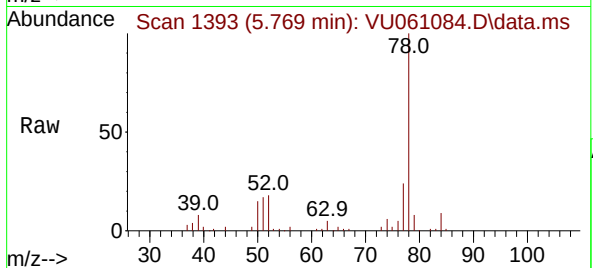
Acq: 10 Oct 2024 13:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 58734



#35

Methylcyclohexane

Concen: 0.888 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU061084.D

Acq: 10 Oct 2024 13:06

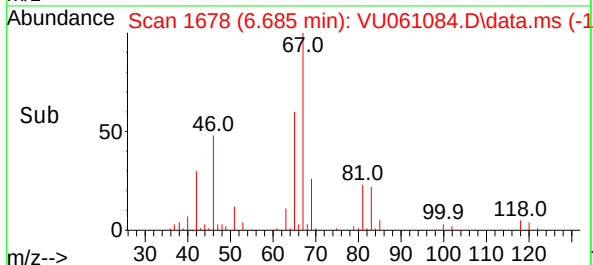
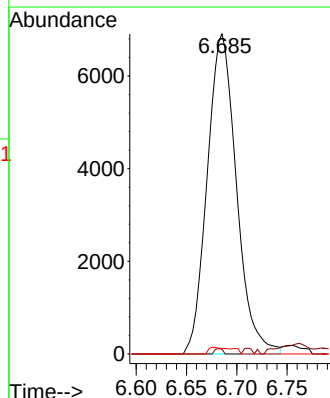
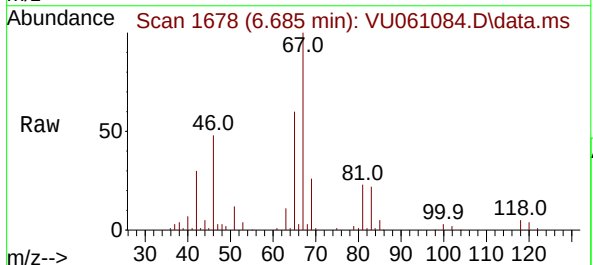
Tgt Ion: 83 Resp: 13963

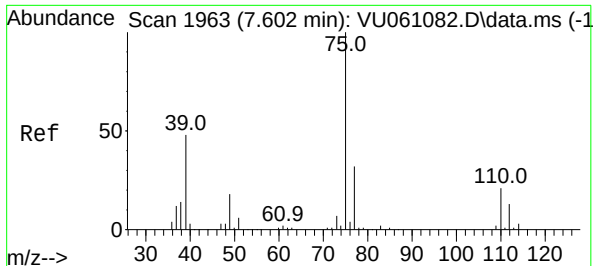
Ion Ratio Lower Upper

83 100

55 0.4 62.6 94.0#

98 1.2 37.6 56.4#





#39

cis-1,3-Dichloropropene

Concen: 0.134 ug/L

RT: 7.563 min Scan# 1963

Delta R.T. -0.039 min

Lab File: VU061084.D

Acq: 10 Oct 2024 13:06

Instrument :

MSVOA_U

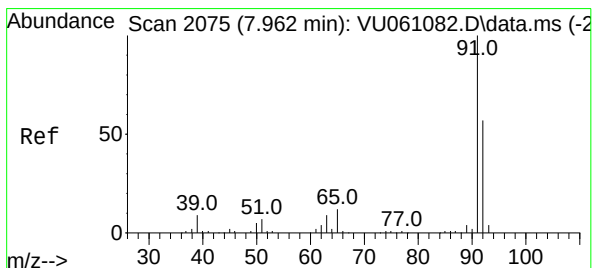
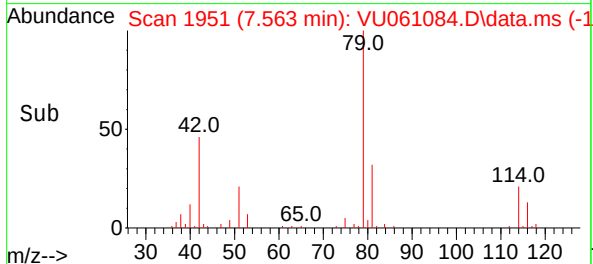
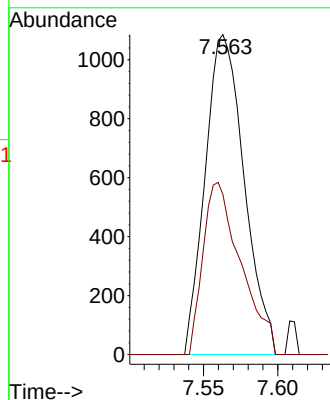
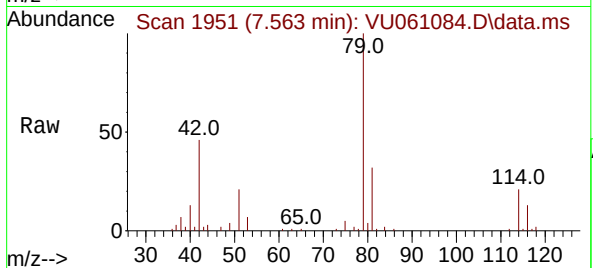
ClientSampleId :

Tgt Ion: 75 Resp: 1985

Ion Ratio Lower Upper

75 100

77 50.0 21.3 39.5#



#42

Toluene

Concen: 0.369 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU061084.D

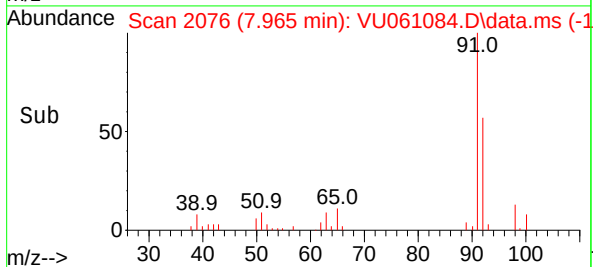
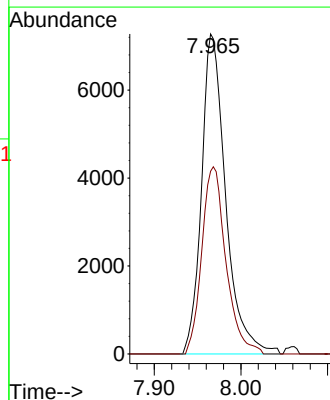
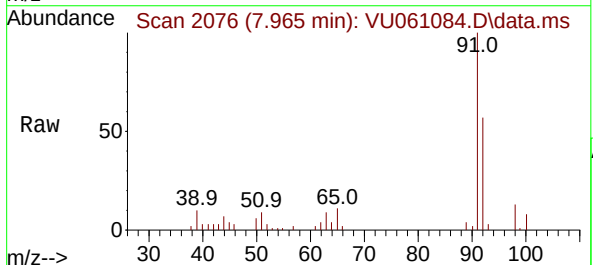
Acq: 10 Oct 2024 13:06

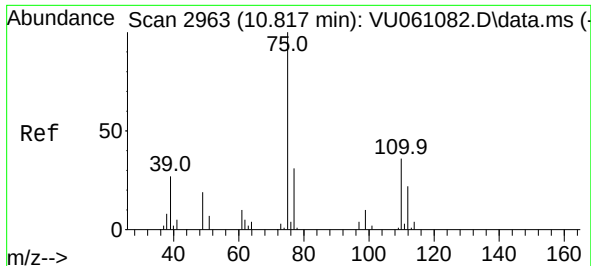
Tgt Ion: 91 Resp: 14115

Ion Ratio Lower Upper

91 100

92 57.1 40.5 75.3





#61

1,2,3-Trichloropropane

Concen: 1.429 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU061084.D

Acq: 10 Oct 2024 13:06

Instrument :

MSVOA_U

ClientSampleId :

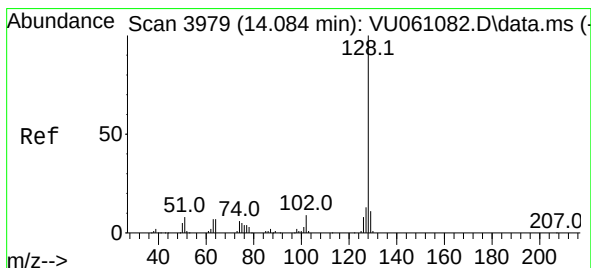
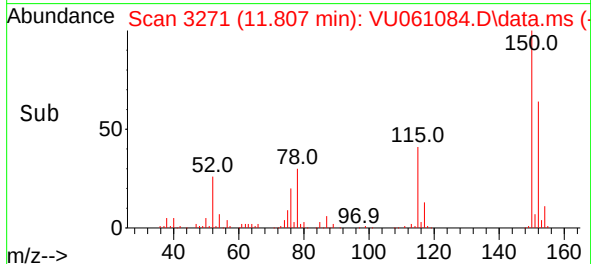
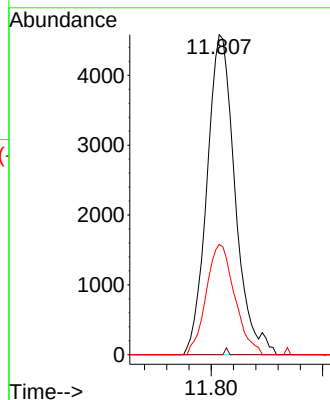
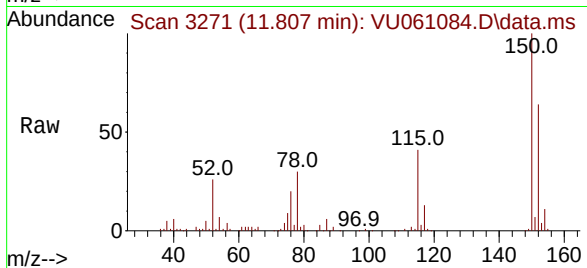
Tgt Ion: 75 Resp: 8016

Ion Ratio Lower Upper

75 100

110 0.2 28.6 43.0#

77 35.0 26.3 39.5



#71

Naphthalene

Concen: 0.197 ug/L

RT: 14.109 min Scan# 3987

Delta R.T. 0.026 min

Lab File: VU061084.D

Acq: 10 Oct 2024 13:06

Tgt Ion: 128 Resp: 2845

Ion Ratio Lower Upper

128 100

129 0.0 8.3 12.5#

127 5.9 10.7 16.1#

