

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059471.D
 Acq On : 25 Jun 2024 15:06
 Operator : MD/SY
 Sample : P2961-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 04:30:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 26 04:26:20 2024
 Response via : Initial Calibration

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

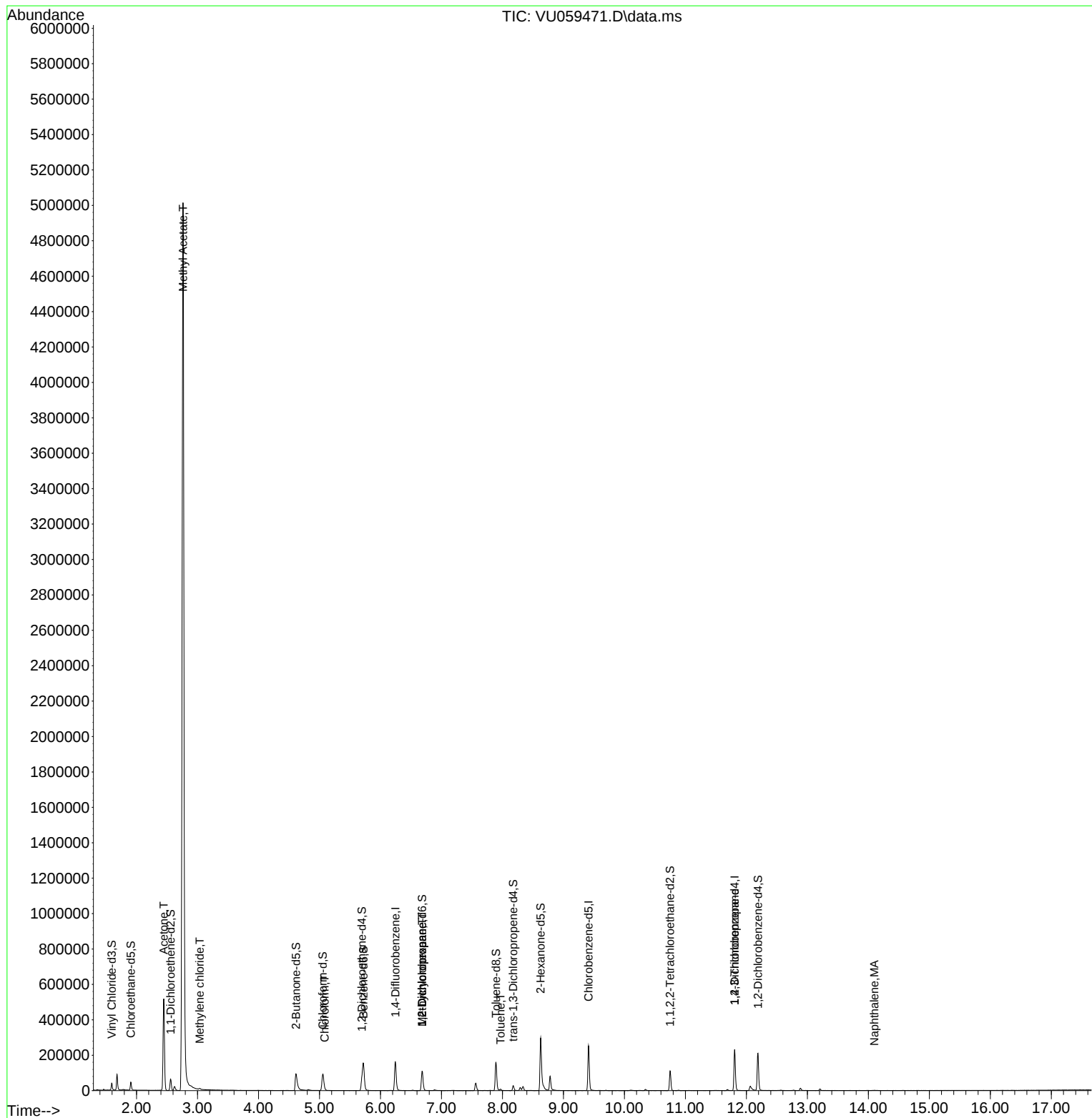
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	138295	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	148028	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67292	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30126	3.133	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.907	69	35726	3.861	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.560	65	11964	2.999	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	4.615	46	138814	70.079	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.160%#
24) Chloroform-d	5.055	84	88402	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.695	65	46889	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.721	84	151251	3.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.200%
36) 1,2-Dichloropropane-d6	6.682	67	56587	4.533	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.894	98	115953	3.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.200%#
43) trans-1,3-Dichloroprop...	8.177	79	17260	4.415	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.627	63	101371	62.412	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.820%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58590	5.680	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	59894	5.001	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
13) Acetone	2.448	43	316746	246.507	ug/L	46
15) Methyl Acetate	2.763	43	1331911	392.798	ug/L #	51
16) Methylene chloride	3.036	84	2615	0.225	ug/L	84
25) Chloroform	5.084	83	4685	0.236	ug/L	92
35) Methylcyclohexane	6.685	83	12893	0.744	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	5830	0.501	ug/L #	90
42) Toluene	7.968	91	5827	0.122	ug/L	92
61) 1,2,3-Trichloropropane	11.807	75	7520	1.209	ug/L #	69
71) Naphthalene	14.100	128	2372	0.138	ug/L #	86

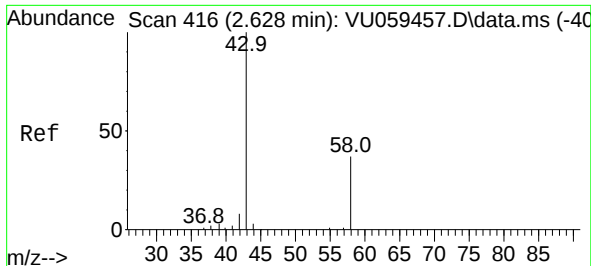
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 246.507 ug/L

RT: 2.448 min Scan# 3

Delta R.T. -0.180 min

Lab File: VU059471.D

Acq: 25 Jun 2024 15:06

Instrument :

MSVOA_U

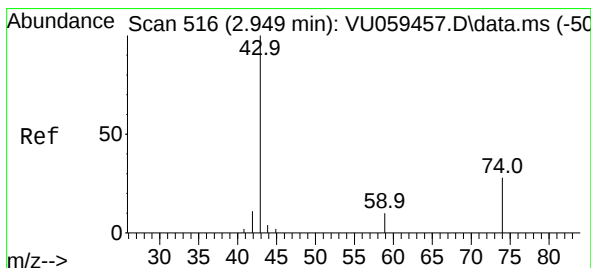
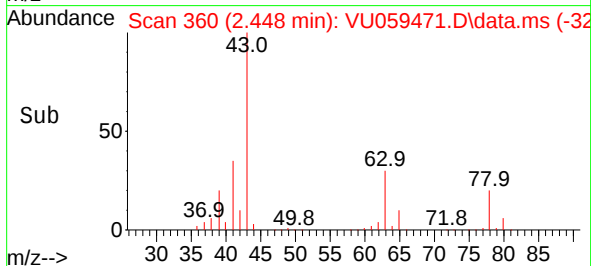
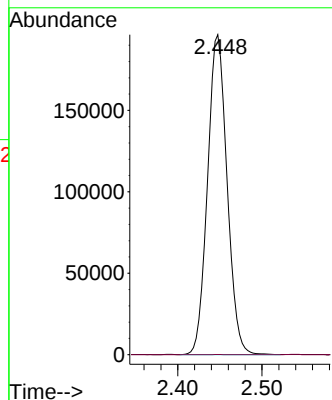
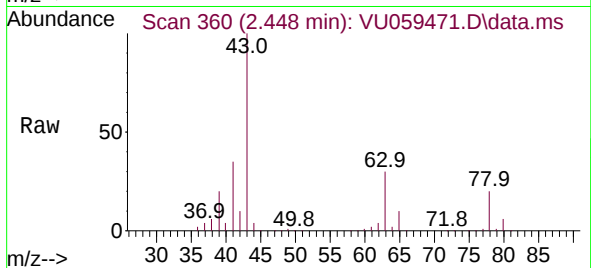
ClientSampleId :

Tgt Ion: 43 Resp: 316746

Ion Ratio Lower Upper

43 100

58 3.0 0.0 68.0



#15

Methyl Acetate

Concen: 392.798 ug/L

RT: 2.763 min Scan# 458

Delta R.T. -0.186 min

Lab File: VU059471.D

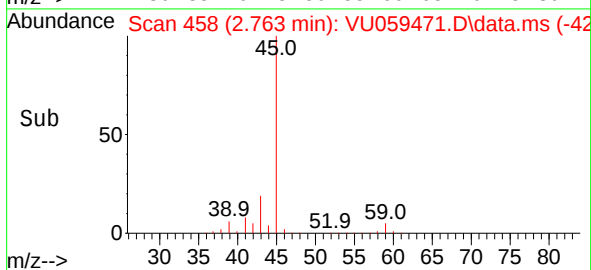
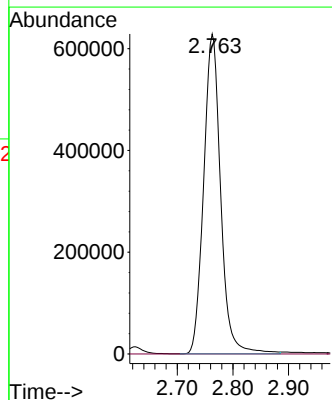
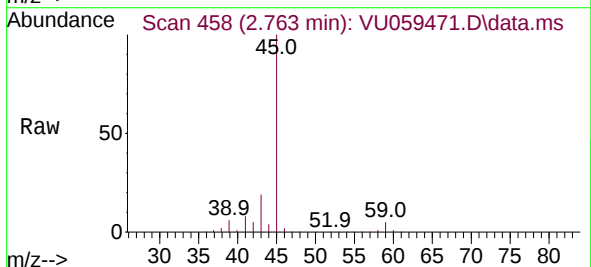
Acq: 25 Jun 2024 15:06

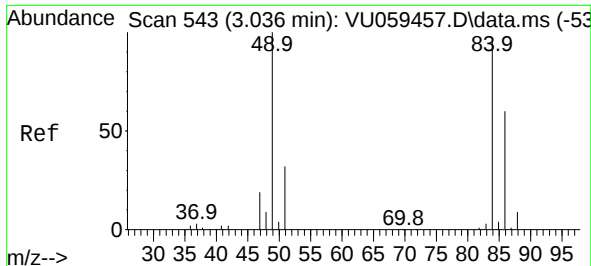
Tgt Ion: 43 Resp: 1331911

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#





#16

Methylene chloride

Concen: 0.225 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU059471.D

Acq: 25 Jun 2024 15:06

Instrument :

MSVOA_U

ClientSampleId :

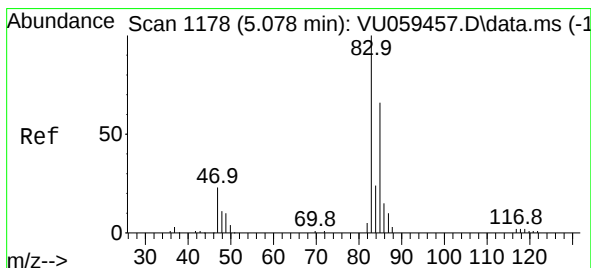
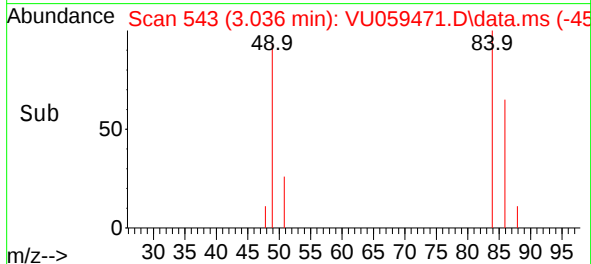
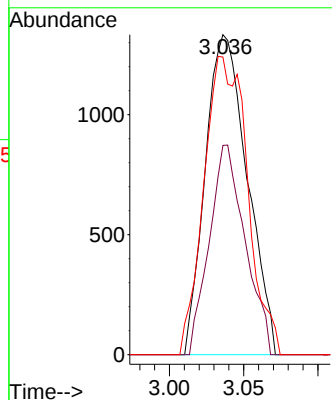
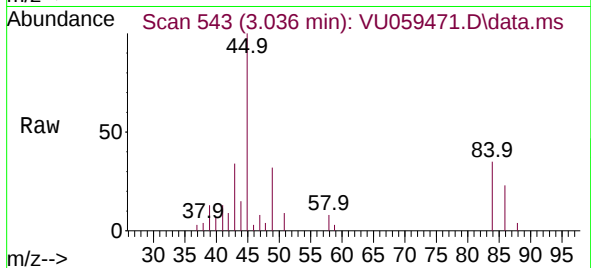
Tgt Ion: 84 Resp: 2615

Ion Ratio Lower Upper

84 100

86 65.4 42.1 78.1

49 93.0 80.6 149.8



#25

Chloroform

Concen: 0.236 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.007 min

Lab File: VU059471.D

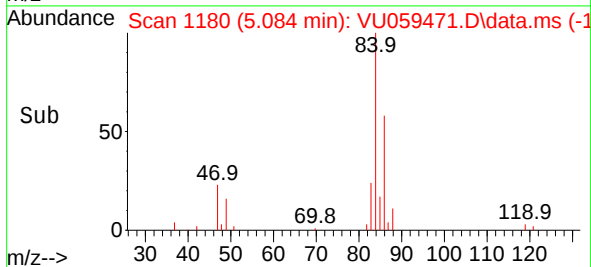
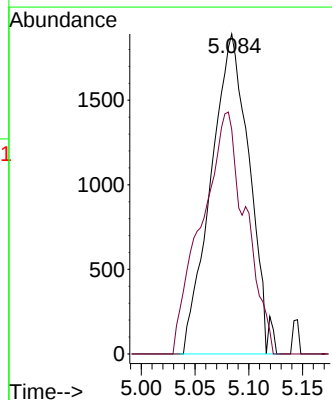
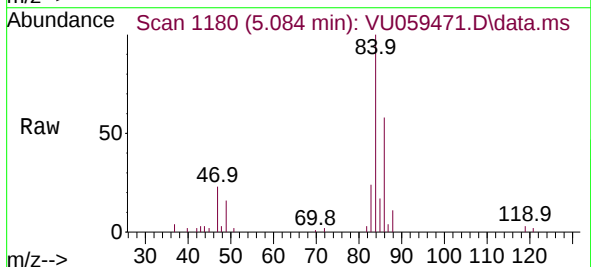
Acq: 25 Jun 2024 15:06

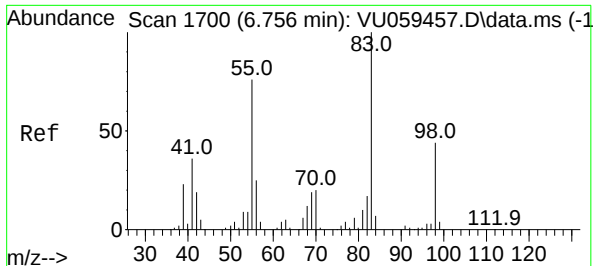
Tgt Ion: 83 Resp: 4685

Ion Ratio Lower Upper

83 100

85 70.1 44.7 83.1





#35

Methylcyclohexane

Concen: 0.744 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU059471.D

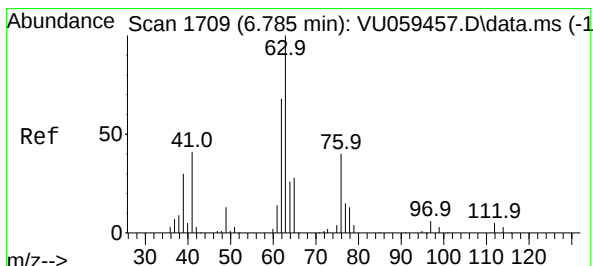
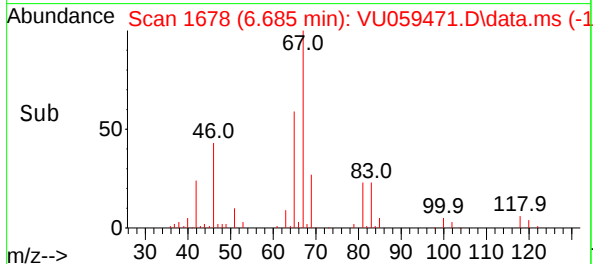
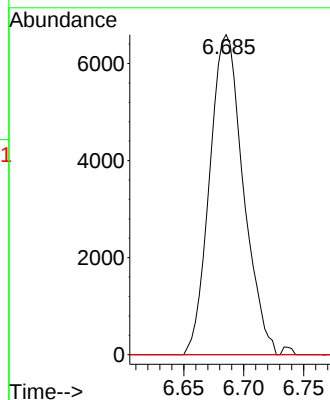
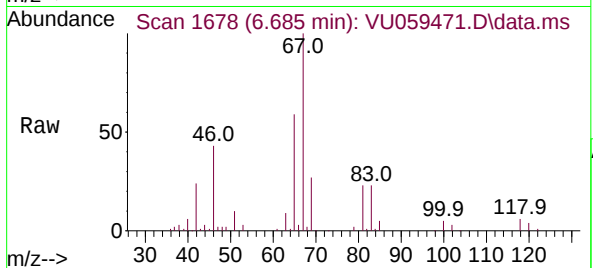
Acq: 25 Jun 2024 15:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 12893
Ion Ratio	Lower Upper
83	100
55	0.0 62.7 94.1#
98	2.2 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.501 ug/L

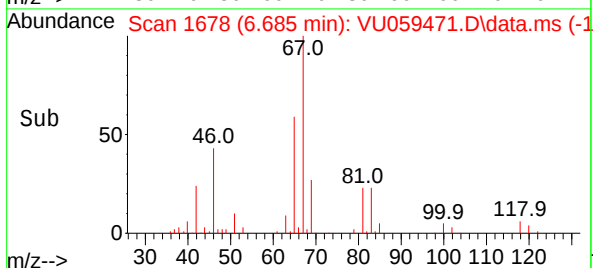
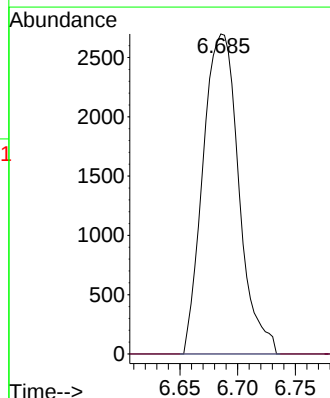
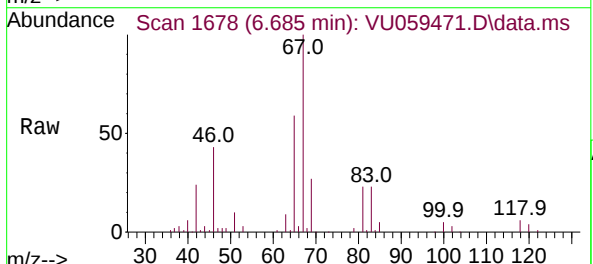
RT: 6.685 min Scan# 1678

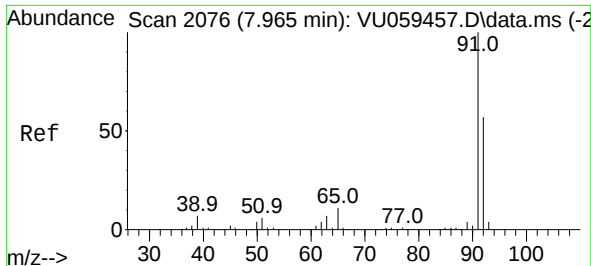
Delta R.T. -0.100 min

Lab File: VU059471.D

Acq: 25 Jun 2024 15:06

Tgt Ion: 63	Resp: 5830
Ion Ratio	Lower Upper
63	100
112	0.0 2.6 3.8#





#42

Toluene

Concen: 0.122 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU059471.D

Acq: 25 Jun 2024 15:06

Instrument :

MSVOA_U

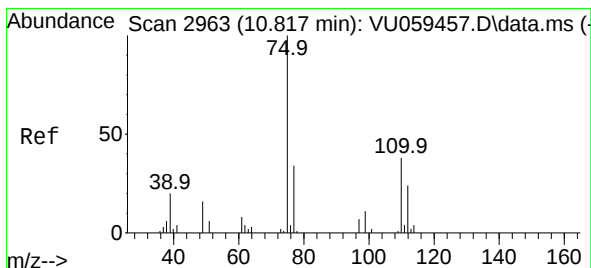
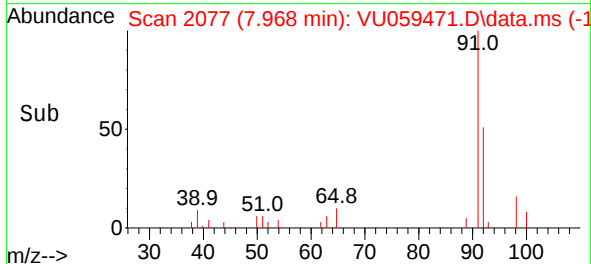
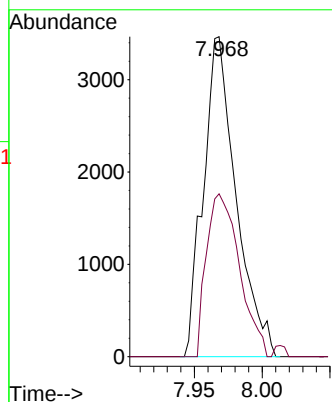
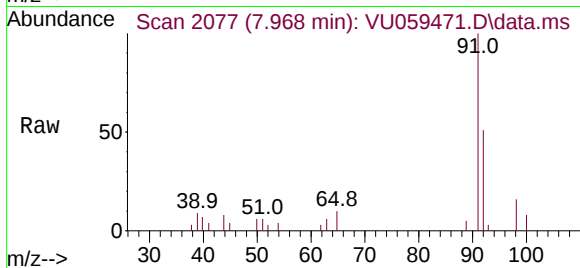
ClientSampleId :

Tgt Ion: 91 Resp: 5827

Ion Ratio Lower Upper

91 100

92 50.9 39.7 73.7



#61

1,2,3-Trichloropropane

Concen: 1.209 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU059471.D

Acq: 25 Jun 2024 15:06

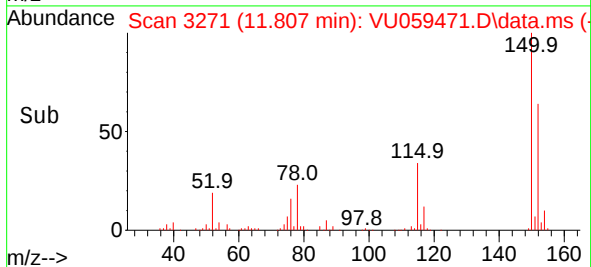
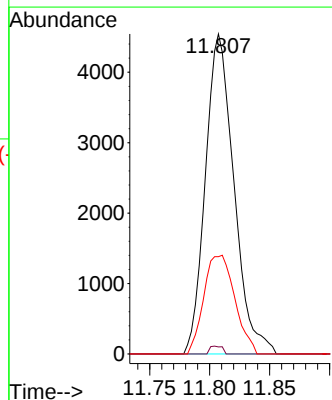
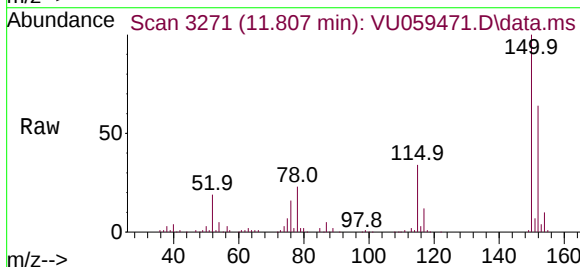
Tgt Ion: 75 Resp: 7520

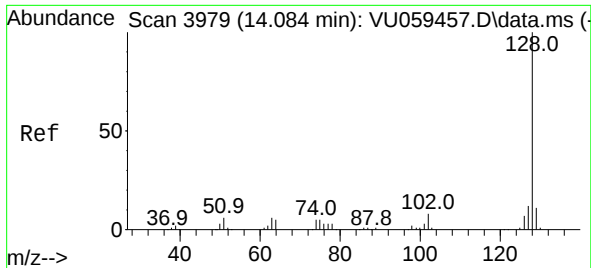
Ion Ratio Lower Upper

75 100

110 1.1 27.1 40.7

77 33.5 25.4 38.2





#71

Naphthalene

Concen: 0.138 ug/L

RT: 14.100 min Scan# 3984

Delta R.T. 0.016 min

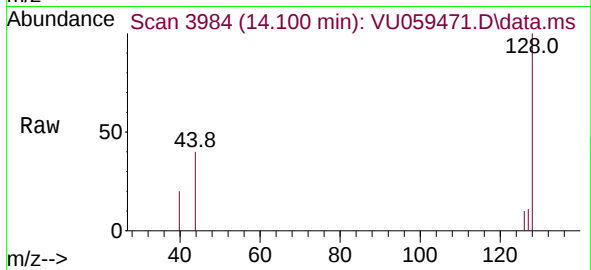
Lab File: VU059471.D

Acq: 25 Jun 2024 15:06

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 2372

Ion Ratio Lower Upper

128 100

129 4.9 8.2 12.4#

127 7.3 10.2 15.4#

