

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062224\
 Data File : VU059418.D
 Acq On : 21 Jun 2024 18:48
 Operator : MD/SY
 Sample : P2898-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 22 01:38:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 22 01:35:04 2024
 Response via : Initial Calibration

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

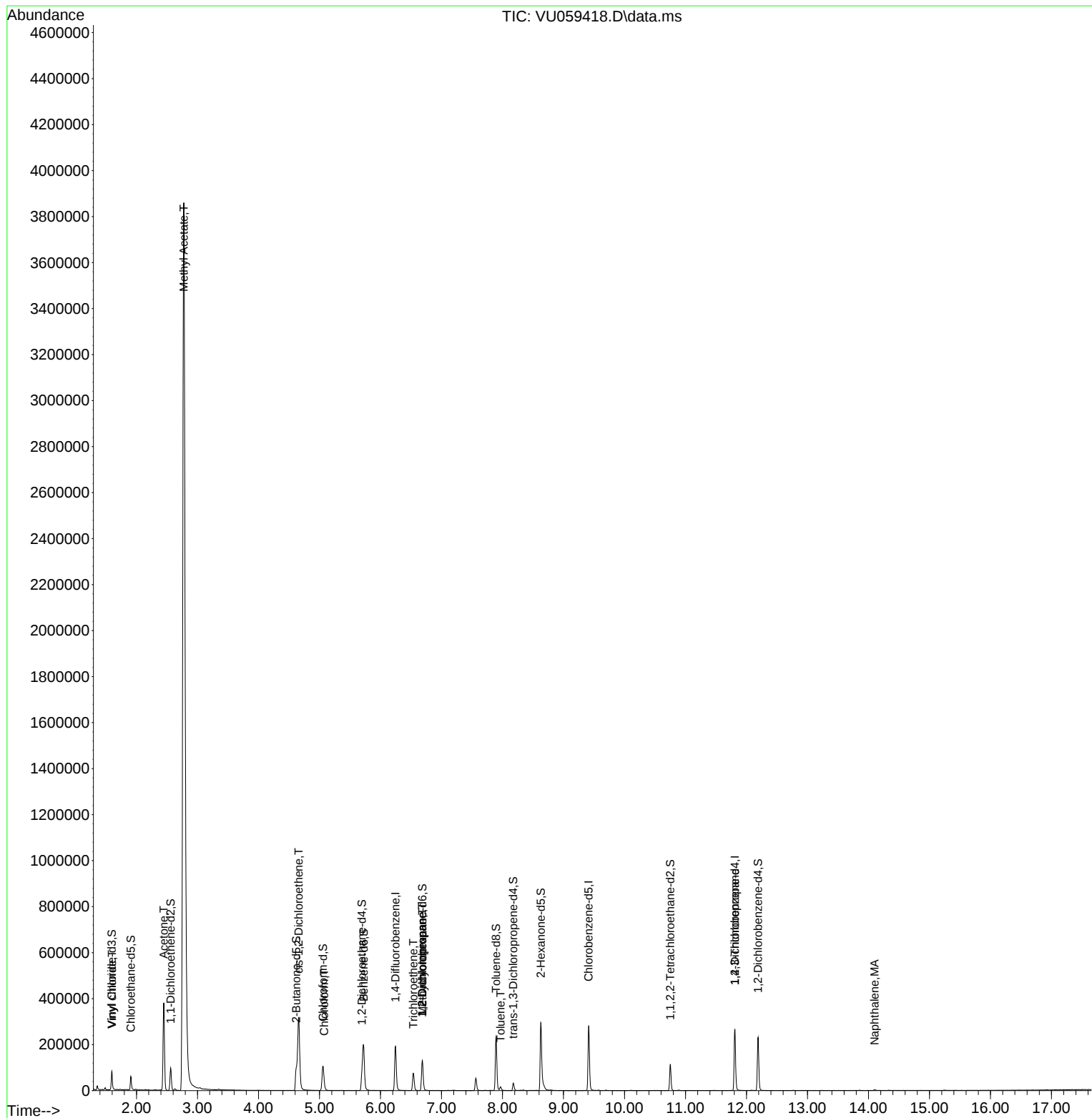
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	163641	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	164764	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	77890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42559	3.740	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.907	69	46169	4.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.560	65	18764	3.975	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	4.618	46	138283	58.998	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.000%
24) Chloroform-d	5.055	84	102710	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.695	65	52960	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.724	84	197961	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.685	67	64964	4.675	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.894	98	163708	3.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.177	79	19530	4.489	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.627	63	104776	57.956	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.920%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58694	5.112	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	65391	4.717	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	14264	0.865	ug/L	98
13) Acetone	2.448	43	238485	156.853	ug/L	43
15) Methyl Acetate	2.776	43	1384333	345.023	ug/L #	51
22) cis-1,2-Dichloroethene	4.660	96	168679	12.679	ug/L	94
25) Chloroform	5.078	83	6054	0.258	ug/L	96
34) Trichloroethene	6.537	95	26586	1.962	ug/L	96
35) Methylcyclohexane	6.685	83	15088	0.783	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	7065	0.546	ug/L #	90
42) Toluene	7.968	91	12495	0.236	ug/L	100
61) 1,2,3-Trichloropropane	11.811	75	8763	1.217	ug/L #	70
71) Naphthalene	14.100	128	4568	0.230	ug/L #	93

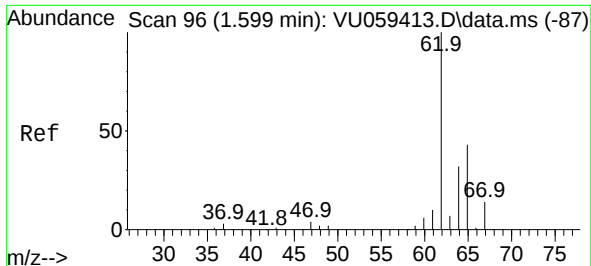
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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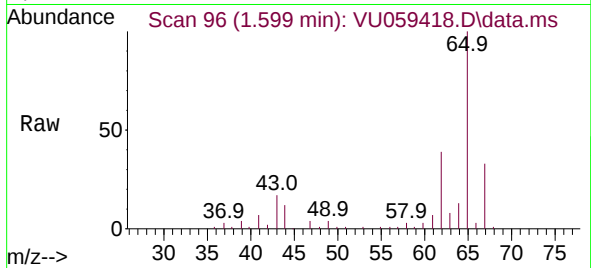
Quant Time: Jun 22 01:38:39 2024
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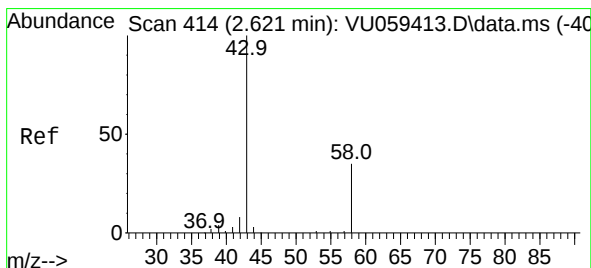
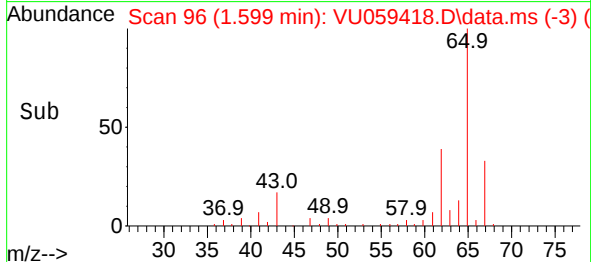
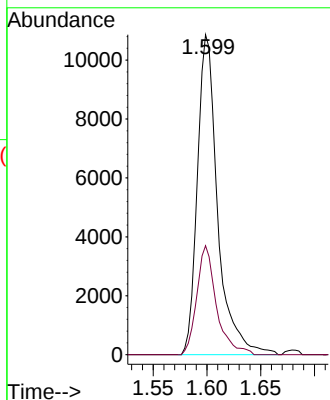


#5
 Vinyl chloride
 Concen: 0.865 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU059418.D
 Acq: 21 Jun 2024 18:48

Instrument :
 MSVOA_U
 ClientSampleId :

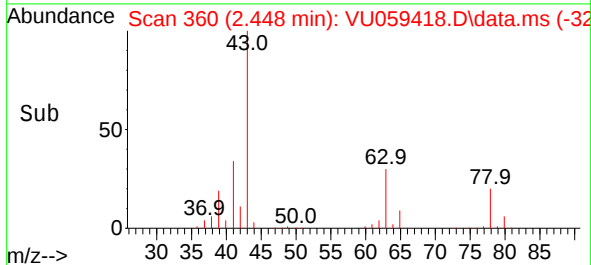
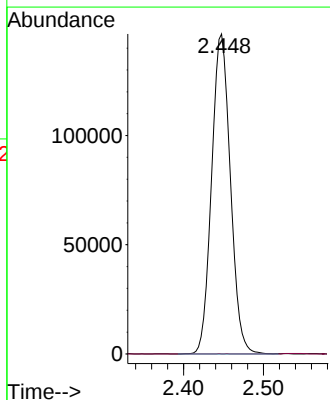
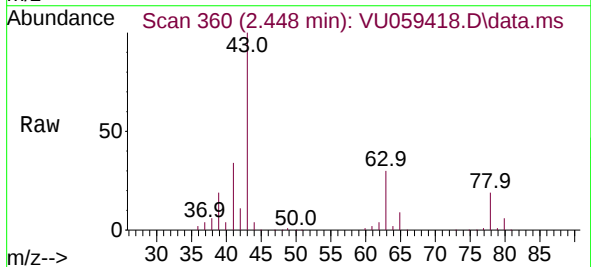


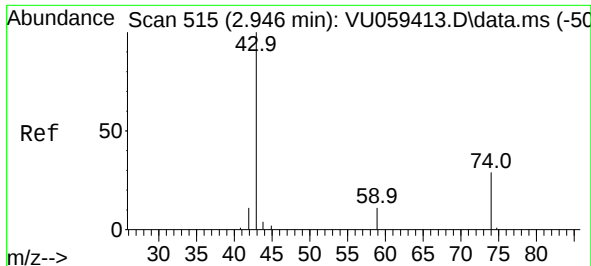
Tgt Ion: 62 Resp: 14264
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.1 42.9



#13
 Acetone
 Concen: 156.853 ug/L
 RT: 2.448 min Scan# 360
 Delta R.T. -0.174 min
 Lab File: VU059418.D
 Acq: 21 Jun 2024 18:48

Tgt Ion: 43 Resp: 238485
 Ion Ratio Lower Upper
 43 100
 58 1.5 0.0 68.0





#15

Methyl Acetate

Concen: 345.023 ug/L

RT: 2.776 min Scan# 4

Delta R.T. -0.170 min

Lab File: VU059418.D

Acq: 21 Jun 2024 18:48

Instrument :

MSVOA_U

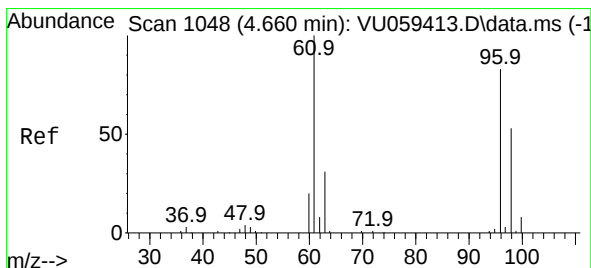
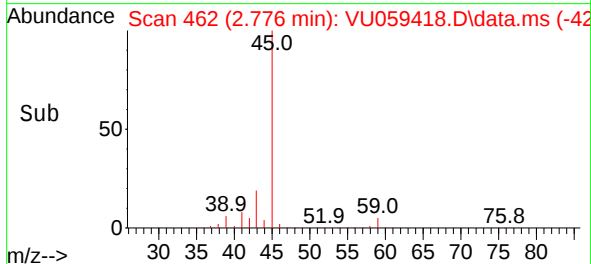
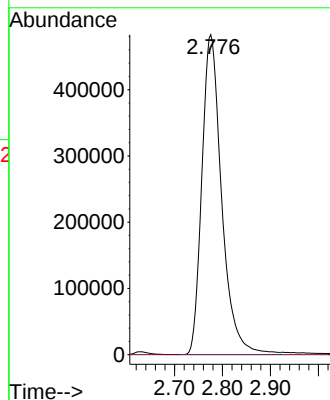
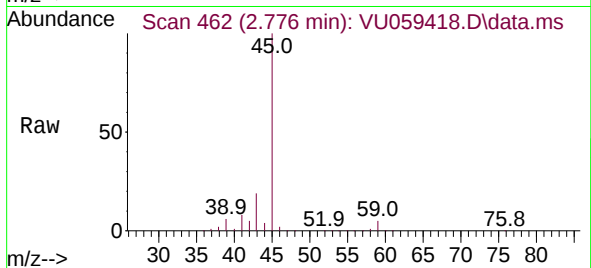
ClientSampleId :

Tgt Ion: 43 Resp: 1384333

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



#22

cis-1,2-Dichloroethene

Concen: 12.679 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU059418.D

Acq: 21 Jun 2024 18:48

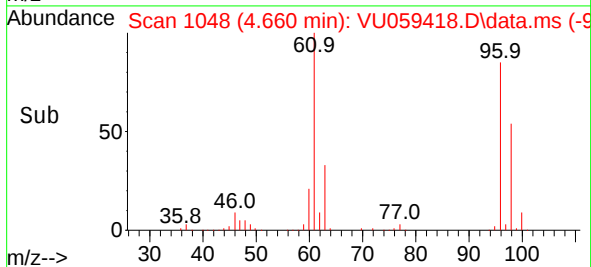
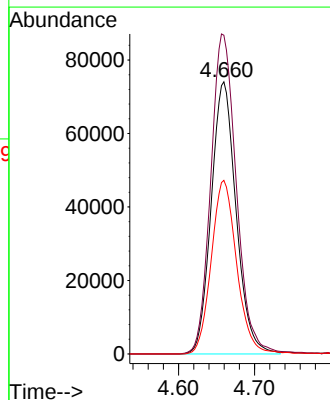
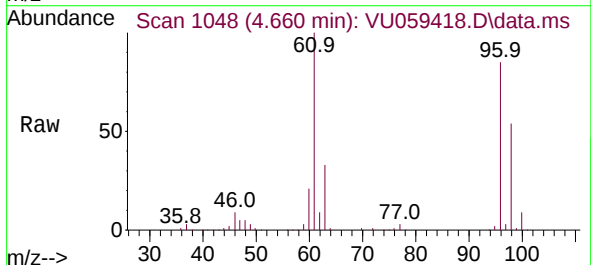
Tgt Ion: 96 Resp: 168679

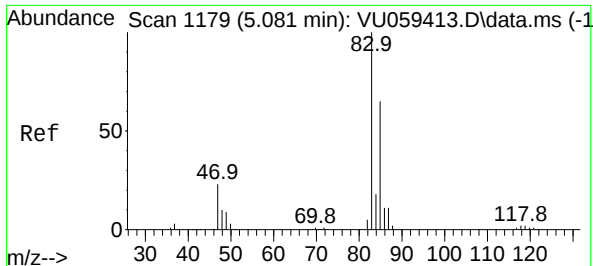
Ion Ratio Lower Upper

96 100

61 117.1 87.4 162.2

98 63.8 42.3 78.5





#25

Chloroform

Concen: 0.258 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU059418.D

Acq: 21 Jun 2024 18:48

Instrument :

MSVOA_U

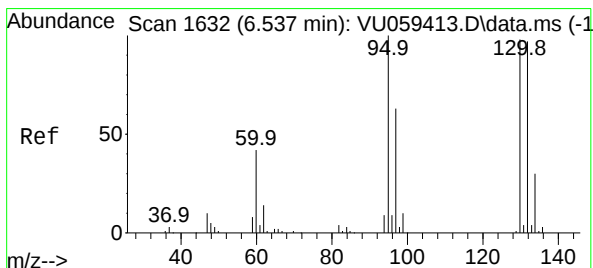
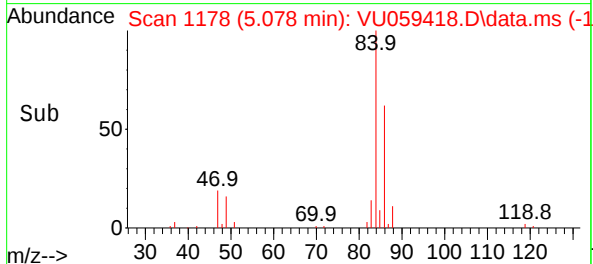
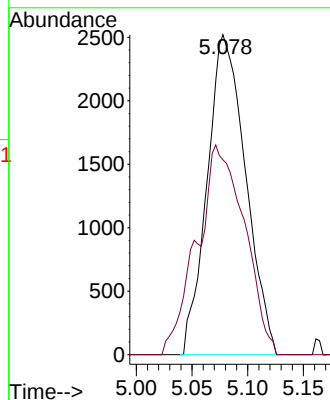
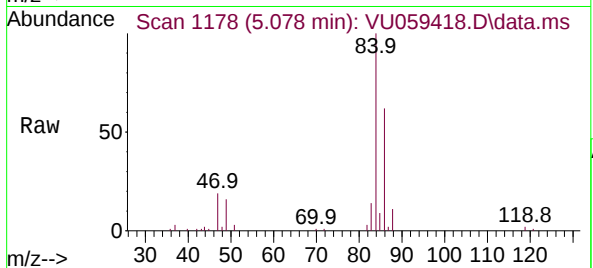
ClientSampleId :

Tgt Ion: 83 Resp: 6054

Ion Ratio Lower Upper

83 100

85 60.9 44.7 83.1



#34

Trichloroethene

Concen: 1.962 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VU059418.D

Acq: 21 Jun 2024 18:48

Tgt Ion: 95 Resp: 26586

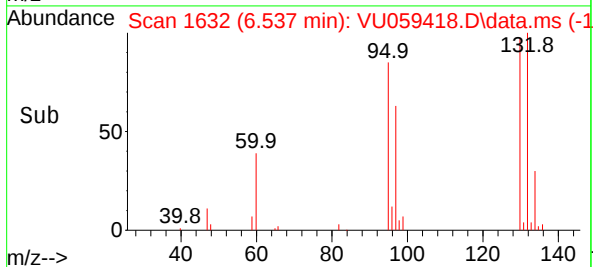
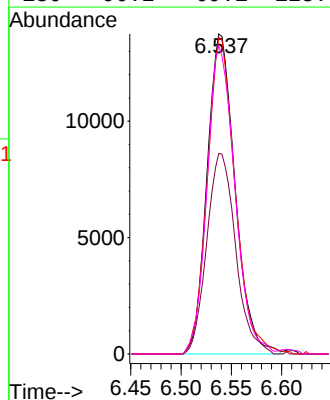
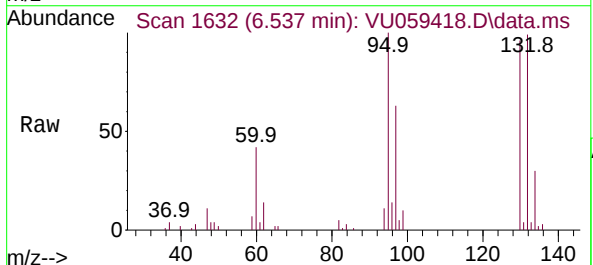
Ion Ratio Lower Upper

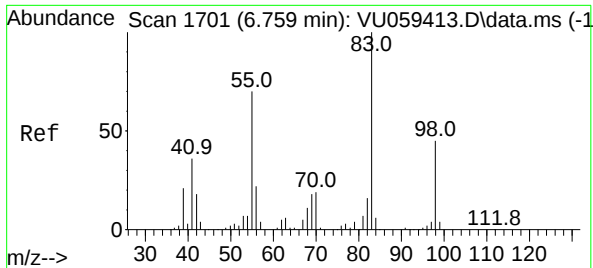
95 100

97 62.7 45.3 84.1

132 98.9 64.0 119.0

130 96.2 69.1 128.3





#35

Methylcyclohexane

Concen: 0.783 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU059418.D

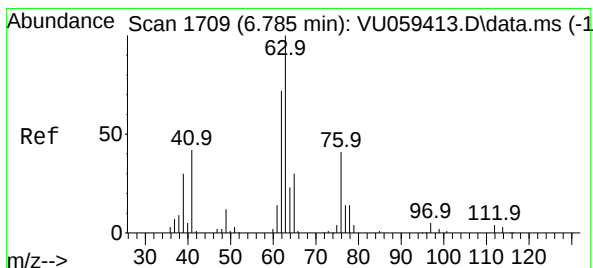
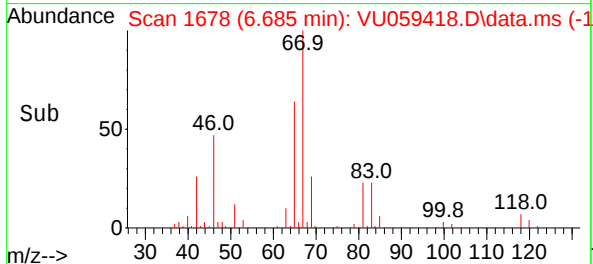
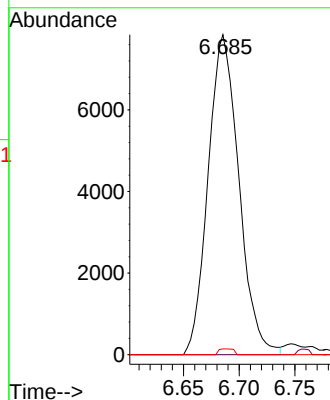
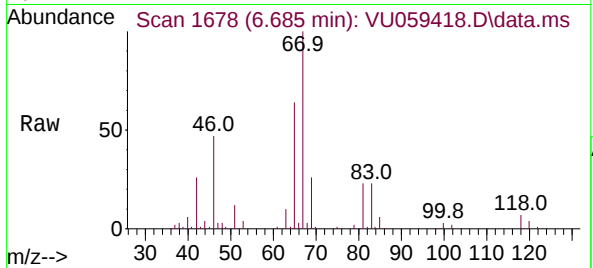
Acq: 21 Jun 2024 18:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 15088
Ion Ratio	Lower Upper
83	100
55	0.6 62.7 94.1#
98	0.9 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.546 ug/L

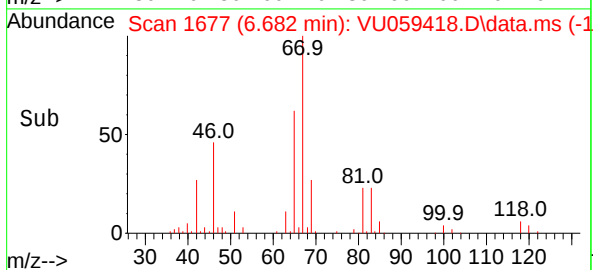
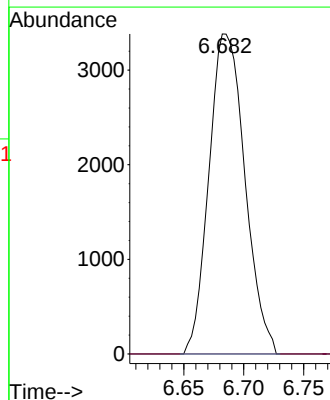
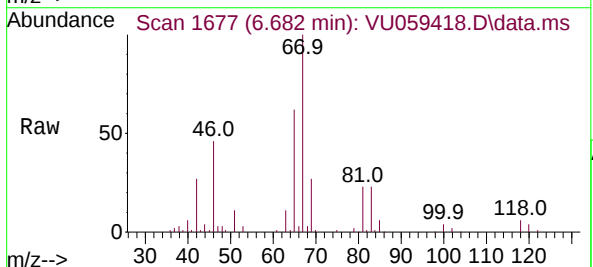
RT: 6.682 min Scan# 1677

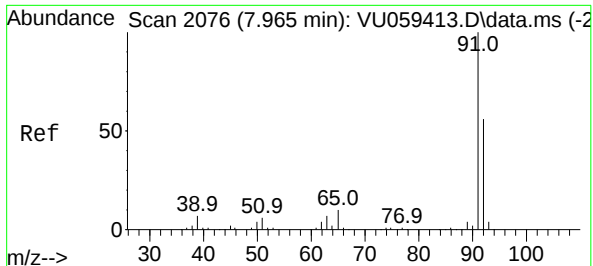
Delta R.T. -0.103 min

Lab File: VU059418.D

Acq: 21 Jun 2024 18:48

Tgt Ion: 63	Resp: 7065
Ion Ratio	Lower Upper
63	100
112	0.0 2.6 3.8#





#42

Toluene

Concen: 0.236 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU059418.D

Acq: 21 Jun 2024 18:48

Instrument :

MSVOA_U

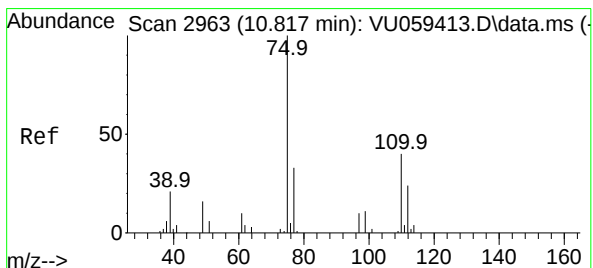
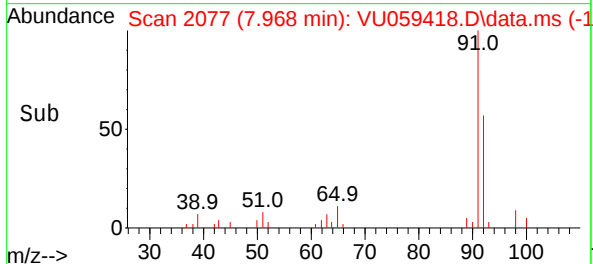
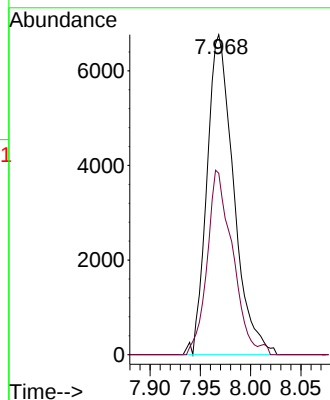
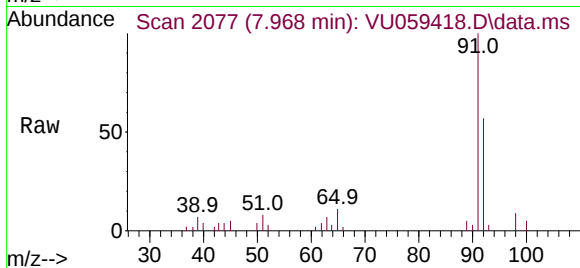
ClientSampleId :

Tgt Ion: 91 Resp: 12495

Ion Ratio Lower Upper

91 100

92 56.7 39.7 73.7



#61

1,2,3-Trichloropropane

Concen: 1.217 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.994 min

Lab File: VU059418.D

Acq: 21 Jun 2024 18:48

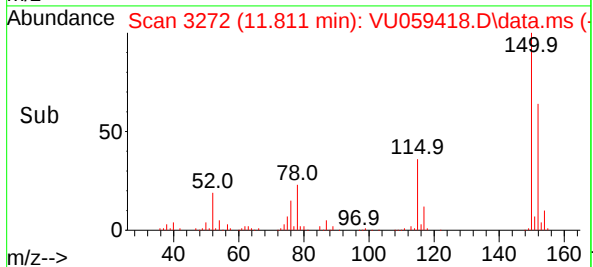
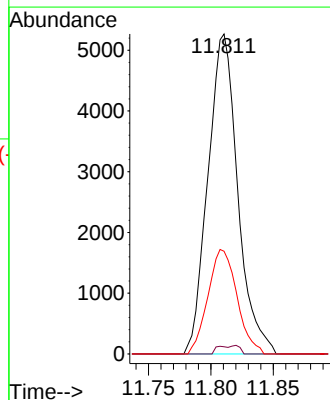
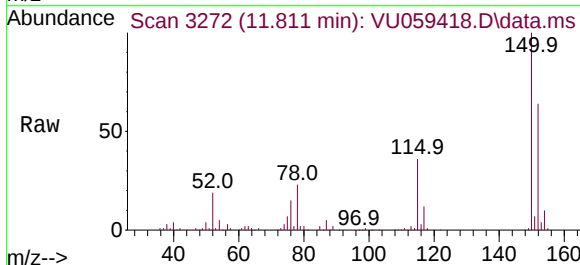
Tgt Ion: 75 Resp: 8763

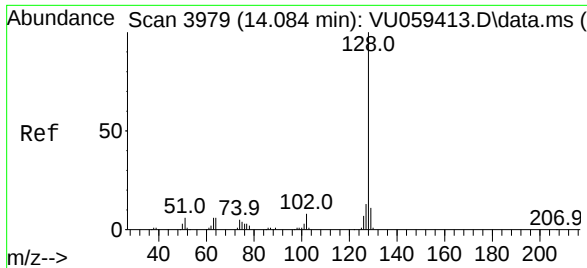
Ion Ratio Lower Upper

75 100

110 1.0 27.1 40.7#

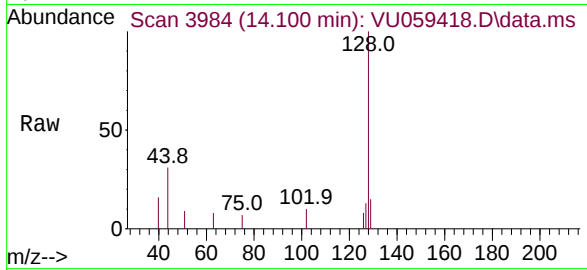
77 31.8 25.4 38.2





#71
Naphthalene
Concen: 0.230 ug/L
RT: 14.100 min Scan# 3979
Delta R.T. 0.016 min
Lab File: VU059418.D
Acq: 21 Jun 2024 18:48

Instrument :
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ClientSampleId :



Tgt Ion:	128	Resp:	4568
Ion	Ratio	Lower	Upper
128	100		
129	9.7	8.2	12.4
127	8.1	10.2	15.4#

