

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059719.D
 Acq On : 02 Jul 2024 05:15
 Operator : MD/SY
 Sample : P3084-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 02 07:23:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	208678	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	201626	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	98780	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32335	2.228	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	44.600%
7) Chloroethane-d5	1.907	69	39341	2.818	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	56.400%#
11) 1,1-Dichloroethene-d2	2.560	65	17271	2.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.400%#
20) 2-Butanone-d5	4.618	46	149379	49.977	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.960%
24) Chloroform-d	5.055	84	108955	3.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.200%
26) 1,2-Dichloroethane-d4	5.695	65	55954	3.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
32) Benzene-d6	5.721	84	212323	3.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
36) 1,2-Dichloropropane-d6	6.682	67	69986	4.116	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.891	98	186712	3.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	8.177	79	20040	3.764	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.627	63	122462	55.355	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.700%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	62068	4.418	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	81403	4.630	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	5223	0.248	ug/L #	82
13) Acetone	2.448	43	276751	142.737	ug/L	42
15) Methyl Acetate	2.792	43	1488782	290.974	ug/L #	51
22) cis-1,2-Dichloroethene	4.657	96	56496	3.330	ug/L	93
25) Chloroform	5.078	83	11354	0.380	ug/L	98
34) Trichloroethene	6.537	95	17563	1.059	ug/L	96
35) Methylcyclohexane	6.685	83	15593	0.661	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	7093	0.448	ug/L #	90
42) Toluene	7.965	91	23407	0.361	ug/L	97
47) Tetrachloroethene	8.547	164	17060	1.326	ug/L	89
49) Dibromochloromethane	8.550	129	15578	1.204	ug/L #	12
53) m,p-Xylene	9.695	106	4766	0.187	ug/L	85
61) 1,2,3-Trichloropropane	11.804	75	10517	1.152	ug/L #	69
62) 1,3,5-Trimethylbenzene	11.467	105	3976	0.082	ug/L	98
63) 1,2,4-Trimethylbenzene	11.467	105	3976	0.086	ug/L	93
71) Naphthalene	14.093	128	5136	0.204	ug/L #	93

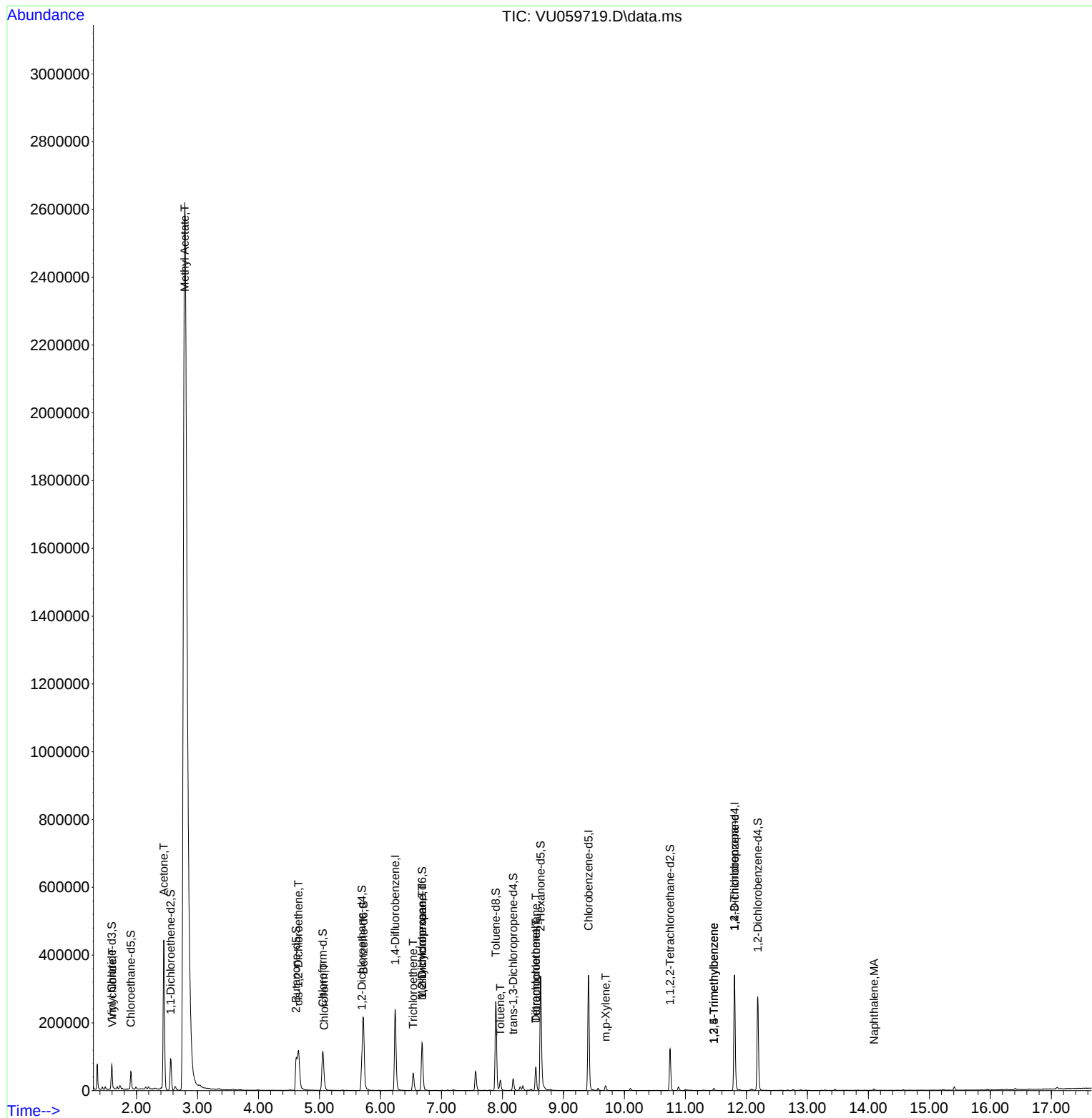
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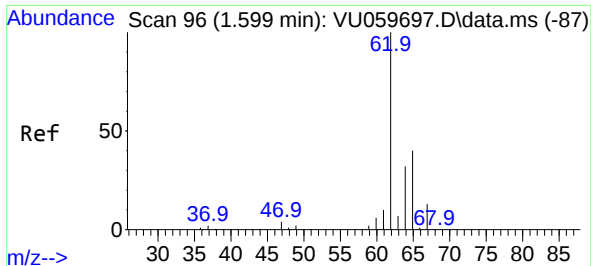
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 29 01:51:23 2024
Response via : Initial Calibration

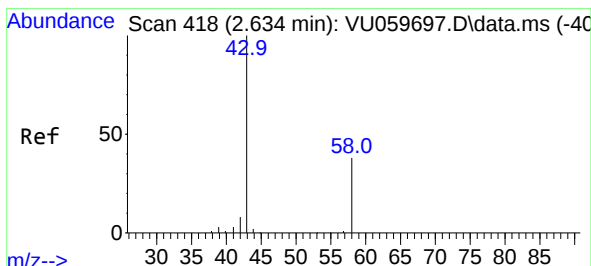
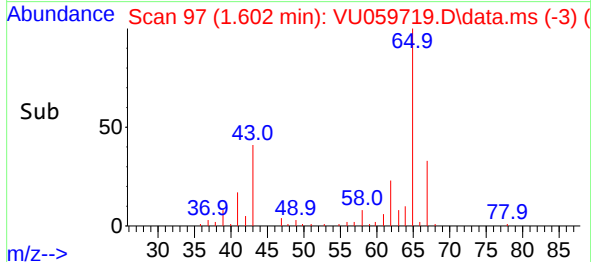
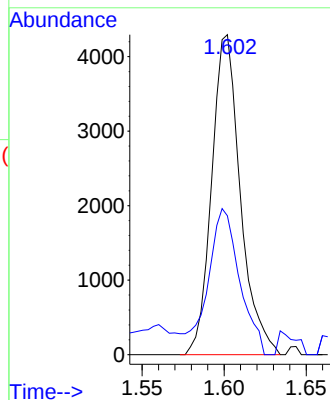
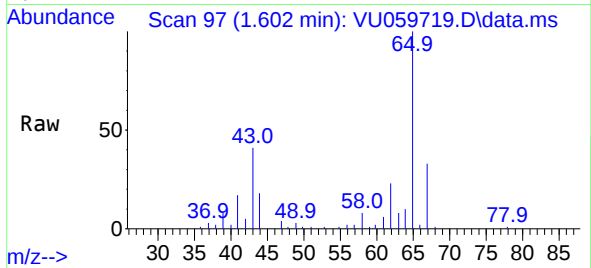




#5
Vinyl chloride
Concen: 0.248 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.003 min
Lab File: VU059719.D
Acq: 02 Jul 2024 05:15

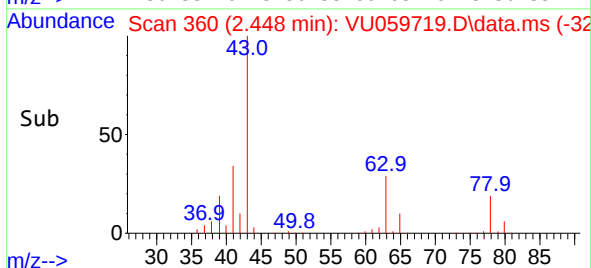
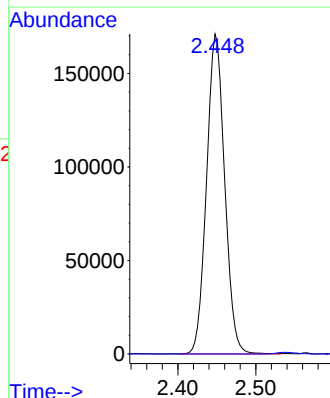
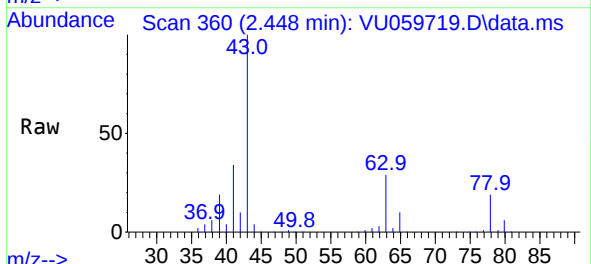
Instrument :
MSVOA_U
ClientSampleId :

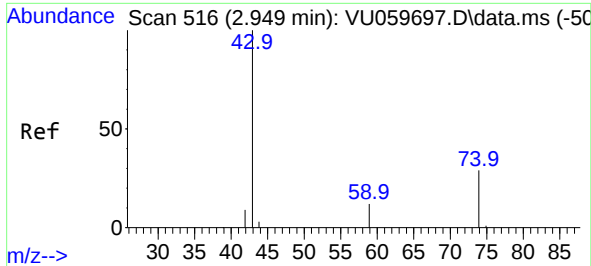
Tgt Ion: 62 Resp: 5223
Ion Ratio Lower Upper
62 100
64 43.4 23.1 42.9#



#13
Acetone
Concen: 142.737 ug/L
RT: 2.448 min Scan# 360
Delta R.T. -0.186 min
Lab File: VU059719.D
Acq: 02 Jul 2024 05:15

Tgt Ion: 43 Resp: 276751
Ion Ratio Lower Upper
43 100
58 0.5 0.0 68.0





#15

Methyl Acetate

Concen: 290.974 ug/L

RT: 2.792 min Scan# 4

Delta R.T. -0.157 min

Lab File: VU059719.D

Acq: 02 Jul 2024 05:15

Instrument :

MSVOA_U

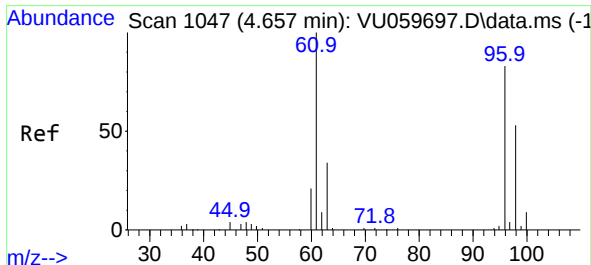
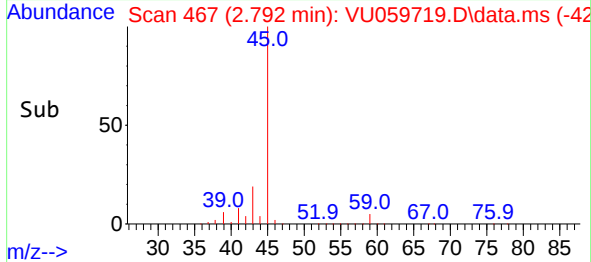
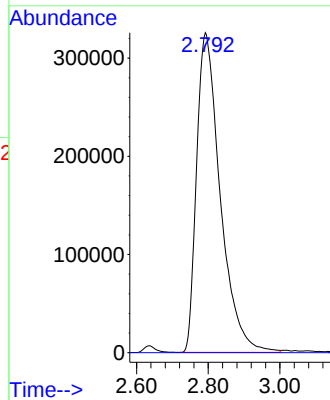
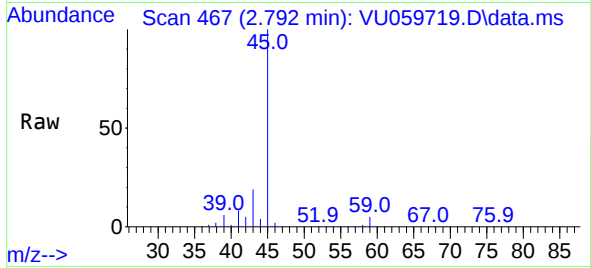
ClientSampleId :

Tgt Ion: 43 Resp: 1488782

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



#22

cis-1,2-Dichloroethene

Concen: 3.330 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU059719.D

Acq: 02 Jul 2024 05:15

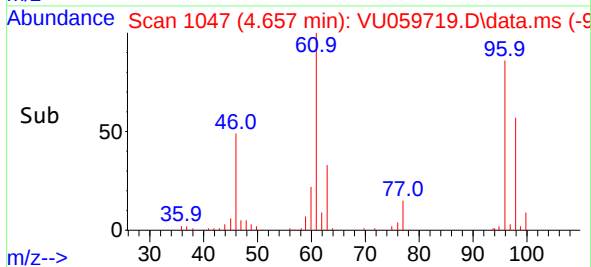
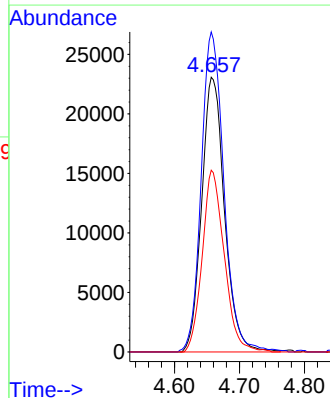
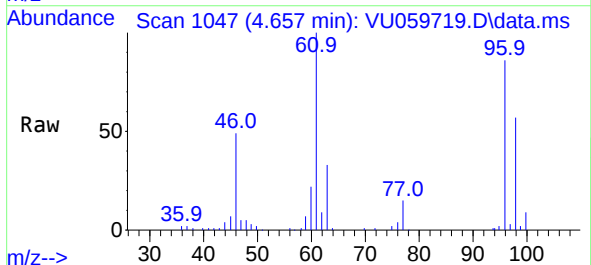
Tgt Ion: 96 Resp: 56496

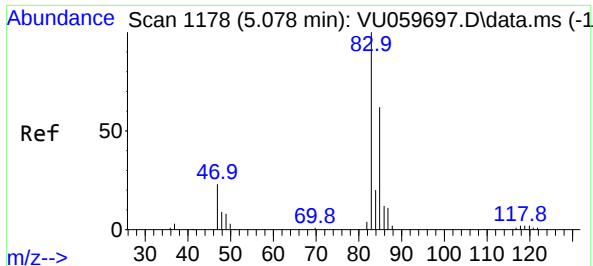
Ion Ratio Lower Upper

96 100

61 116.5 87.4 162.2

98 66.2 42.3 78.5





#25

Chloroform

Concen: 0.380 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU059719.D

Acq: 02 Jul 2024 05:15

Instrument :

MSVOA_U

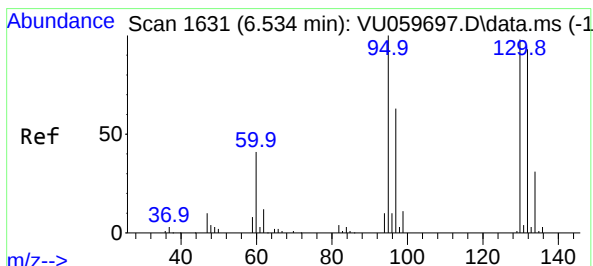
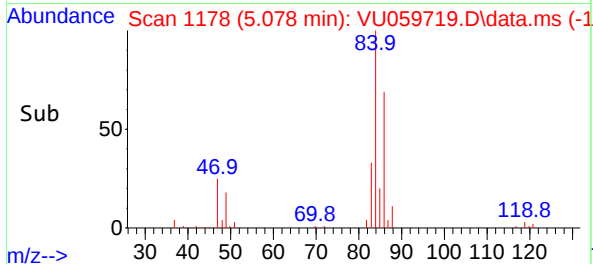
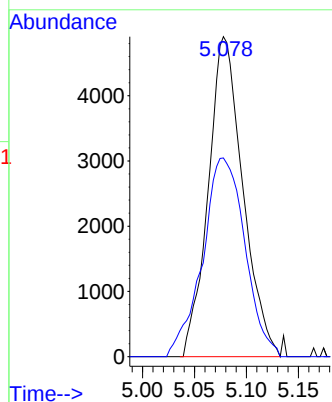
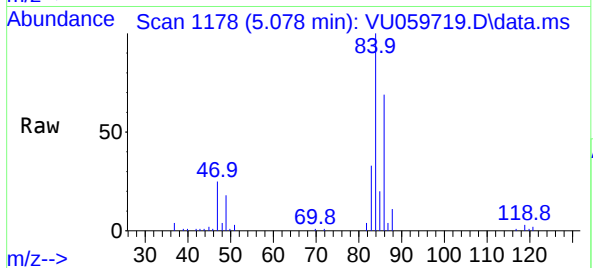
ClientSampleId :

Tgt Ion: 83 Resp: 11354

Ion Ratio Lower Upper

83 100

85 62.1 44.7 83.1



#34

Trichloroethene

Concen: 1.059 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VU059719.D

Acq: 02 Jul 2024 05:15

Tgt Ion: 95 Resp: 17563

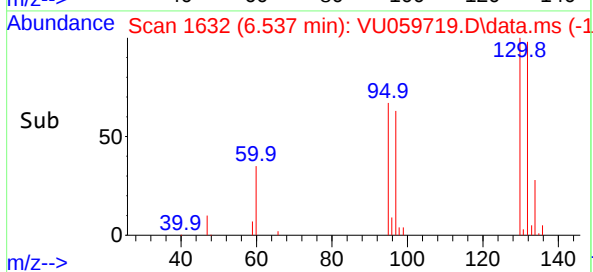
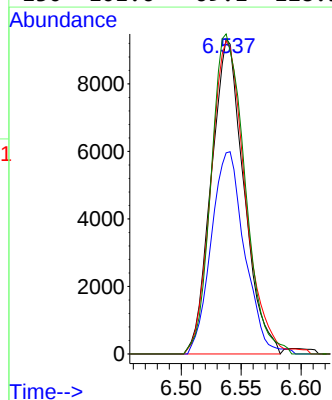
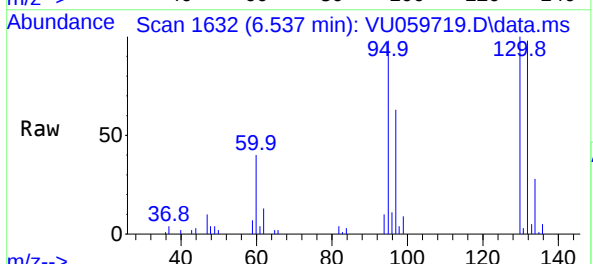
Ion Ratio Lower Upper

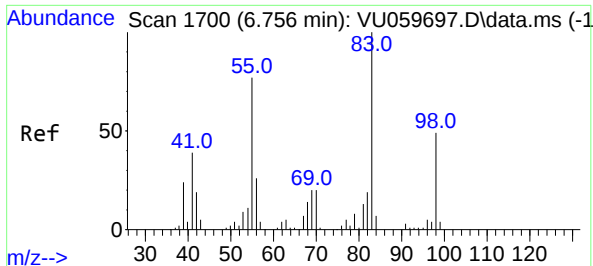
95 100

97 63.9 45.3 84.1

132 99.3 64.0 119.0

130 101.6 69.1 128.3

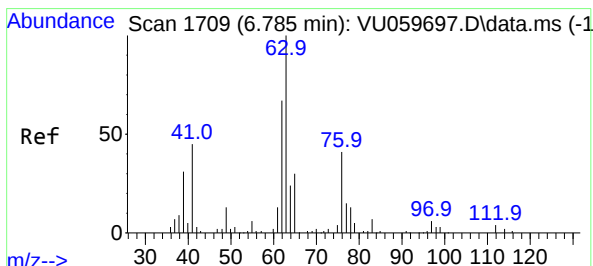
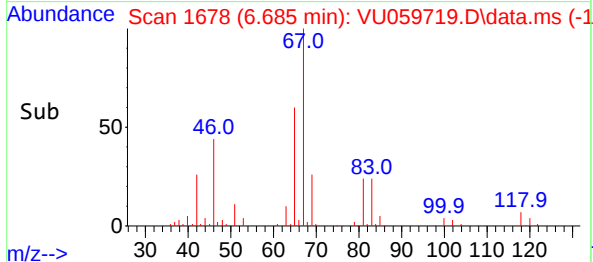
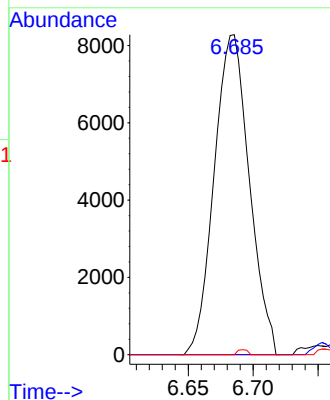
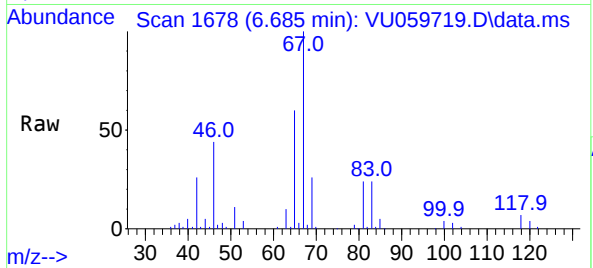




#35
Methylcyclohexane
Concen: 0.661 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU059719.D
Acq: 02 Jul 2024 05:15

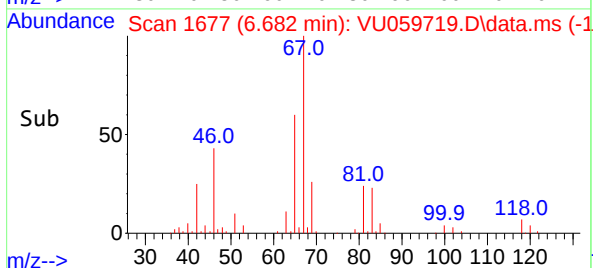
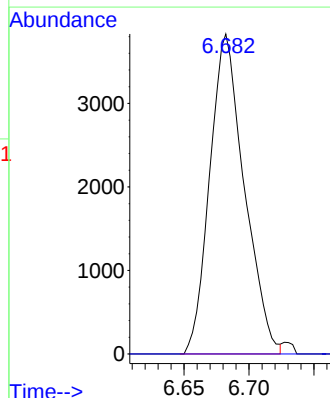
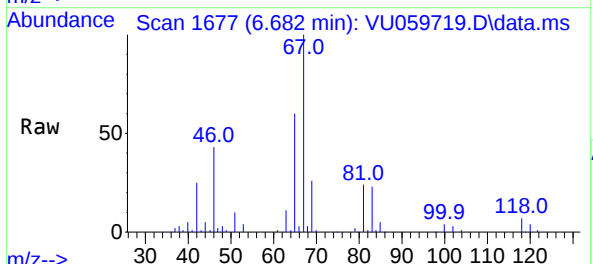
Instrument :
MSVOA_U
ClientSampleId :

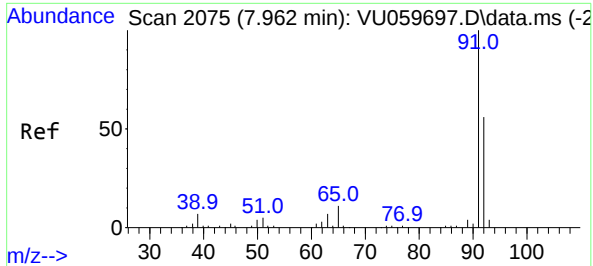
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	0.4	35.4	53.0#



#37
1,2-Dichloropropane
Concen: 0.448 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU059719.D
Acq: 02 Jul 2024 05:15

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





#42

Toluene

Concen: 0.361 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU059719.D

Acq: 02 Jul 2024 05:15

Instrument :

MSVOA_U

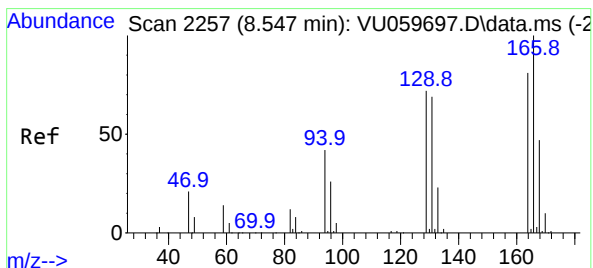
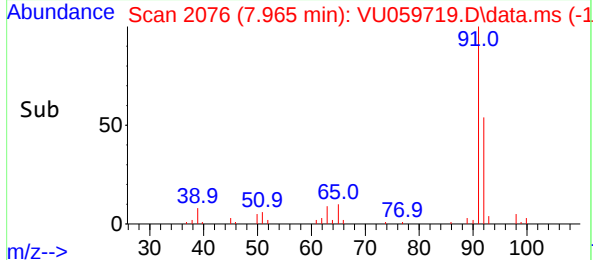
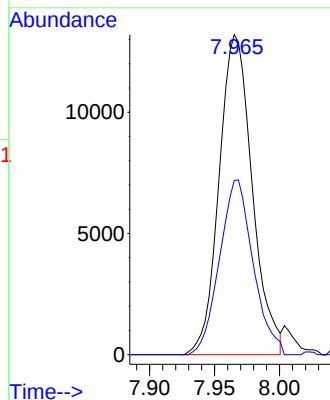
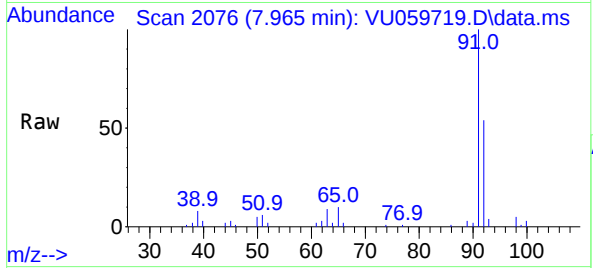
ClientSampleId :

Tgt Ion: 91 Resp: 23407

Ion Ratio Lower Upper

91 100

92 54.4 39.7 73.7



#47

Tetrachloroethene

Concen: 1.326 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU059719.D

Acq: 02 Jul 2024 05:15

Tgt Ion: 164 Resp: 17060

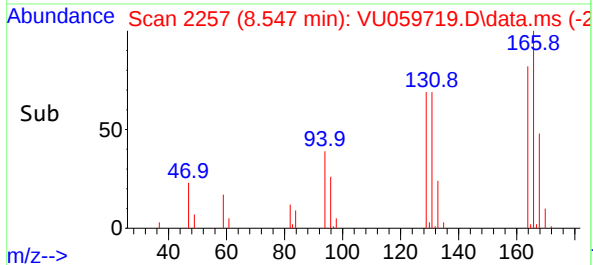
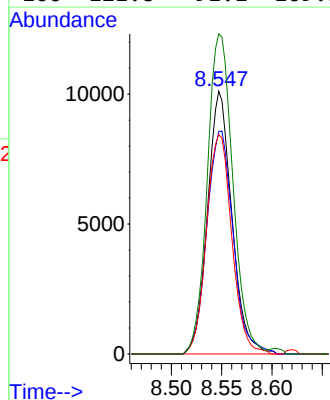
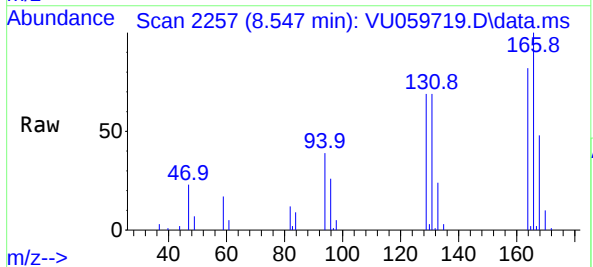
Ion Ratio Lower Upper

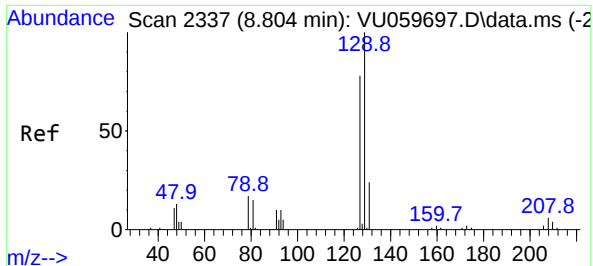
164 100

129 84.7 70.8 131.4

131 83.5 64.8 120.3

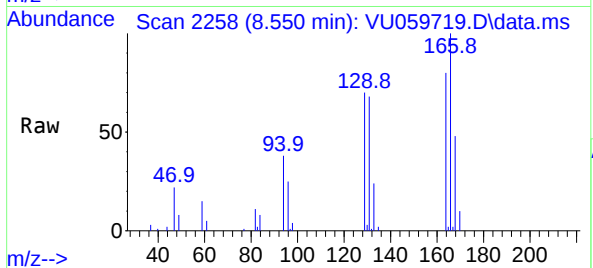
166 121.8 91.1 169.1



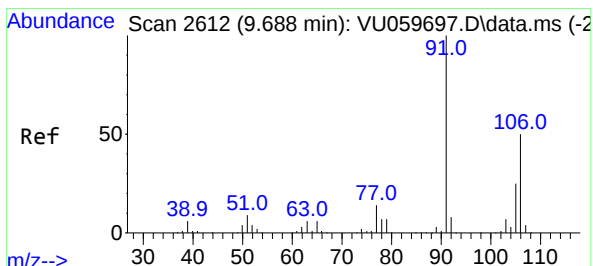
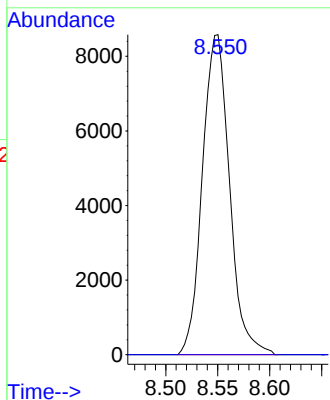
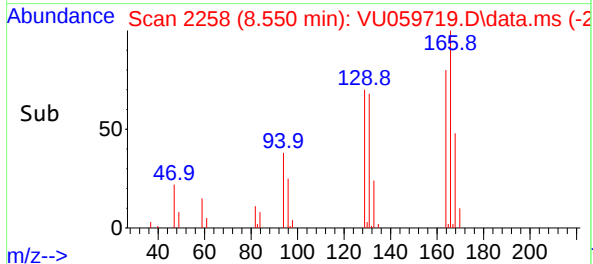


#49
Dibromochloromethane
Concen: 1.204 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.251 min
Lab File: VU059719.D
Acq: 02 Jul 2024 05:15

Instrument :
MSVOA_U
ClientSampleId :

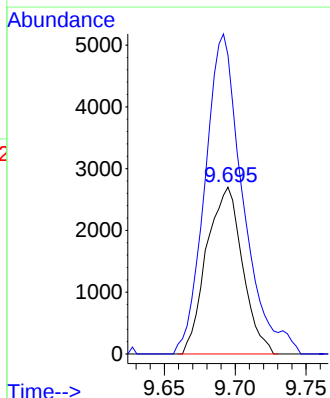
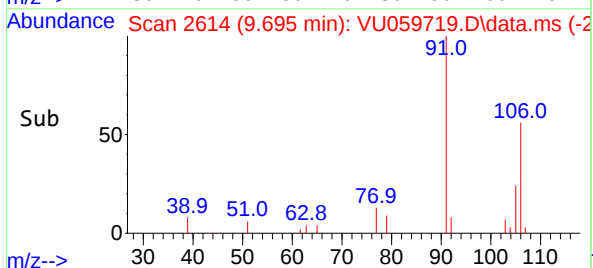
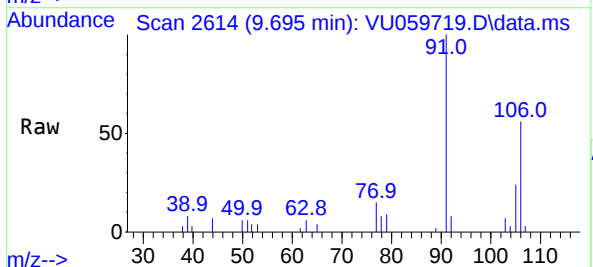


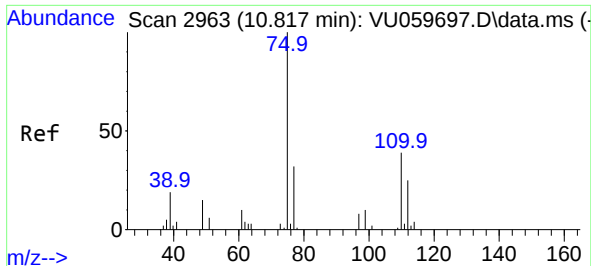
Tgt Ion:129 Resp: 15578
Ion Ratio Lower Upper
129 100
127 0.0 52.5 97.5#



#53
m,p-Xylene
Concen: 0.187 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.007 min
Lab File: VU059719.D
Acq: 02 Jul 2024 05:15

Tgt Ion:106 Resp: 4766
Ion Ratio Lower Upper
106 100
91 179.3 142.0 263.8

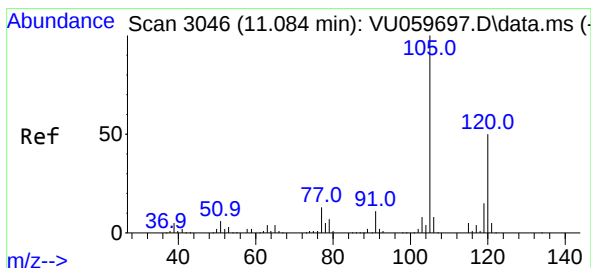
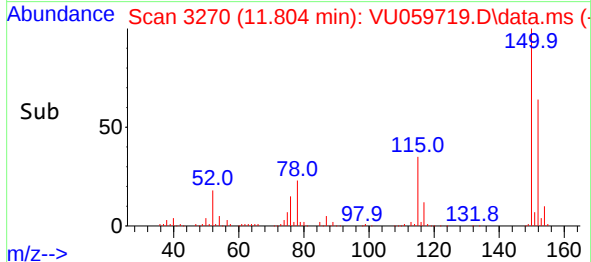
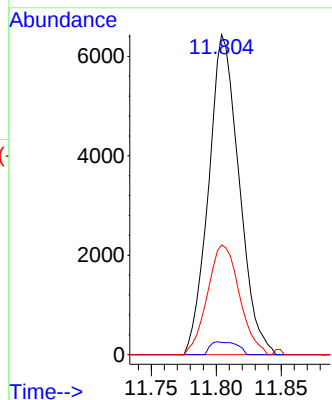
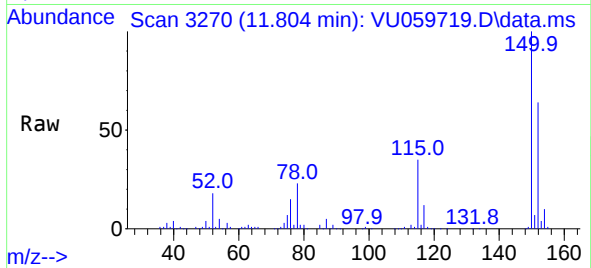




#61
1,2,3-Trichloropropane
Concen: 1.152 ug/L
RT: 11.804 min Scan# 3165
Delta R.T. 0.987 min
Lab File: VU059719.D
Acq: 02 Jul 2024 05:15

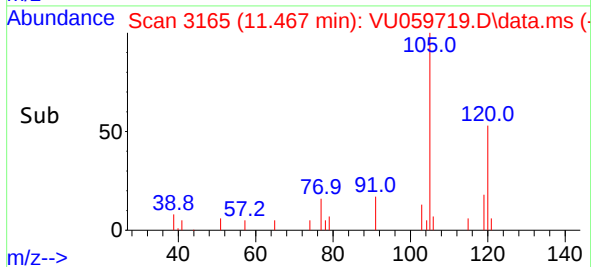
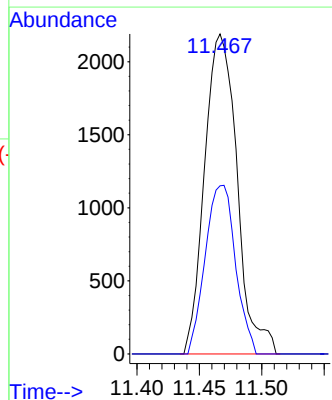
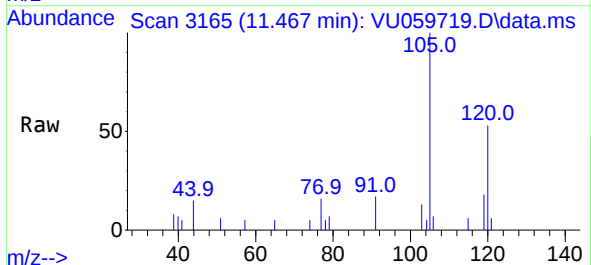
Instrument :
MSVOA_U
ClientSampleId :

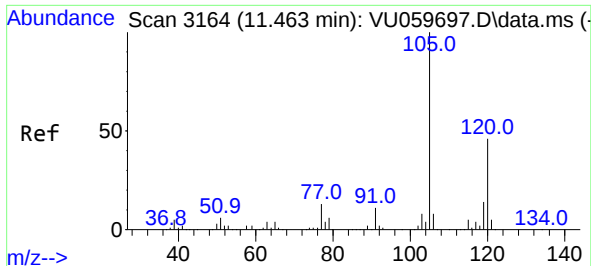
Tgt Ion: 75 Resp: 10517
Ion Ratio Lower Upper
75 100
110 3.5 27.1 40.7#
77 35.9 25.4 38.2



#62
1,3,5-Trimethylbenzene
Concen: 0.082 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.383 min
Lab File: VU059719.D
Acq: 02 Jul 2024 05:15

Tgt Ion:105 Resp: 3976
Ion Ratio Lower Upper
105 100
120 49.0 38.2 57.4

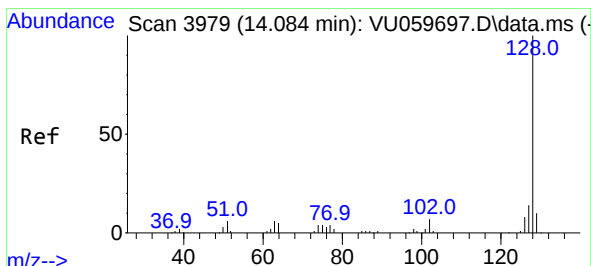
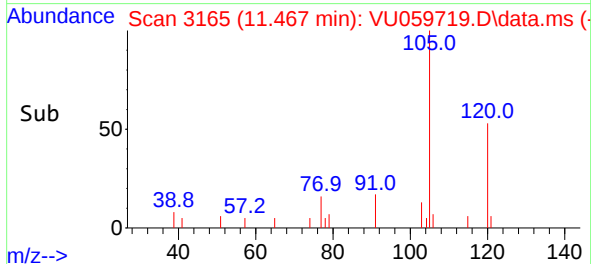
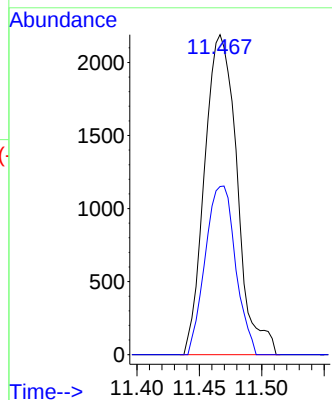
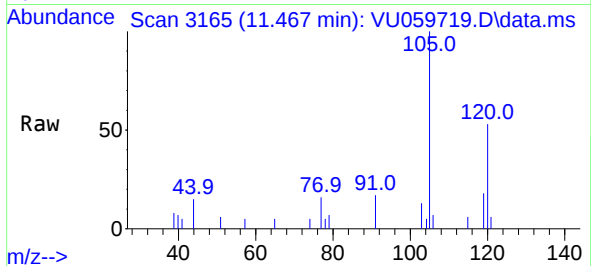




#63
1,2,4-Trimethylbenzene
Concen: 0.086 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU059719.D
Acq: 02 Jul 2024 05:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 3976
Ion Ratio Lower Upper
105 100
120 49.0 35.4 53.0



#71
Naphthalene
Concen: 0.204 ug/L
RT: 14.093 min Scan# 3982
Delta R.T. 0.010 min
Lab File: VU059719.D
Acq: 02 Jul 2024 05:15

Tgt Ion:128 Resp: 5136
Ion Ratio Lower Upper
128 100
129 8.0 8.2 12.4#
127 9.6 10.2 15.4#

