

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 :
 E1G74

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/05/2024
 Supervised By :Semsettin Yesilyurt 07/05/2024

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						
5) Vinyl chloride	1.602	62	5223	0.248	ug/L	# 82
13) Acetone	2.634	43	17338m	8.942	ug/L	
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
42) Toluene	7.965	91	23407	0.361	ug/L	97
47) Tetrachloroethene	8.547	164	17060	1.326	ug/L	89
53) m,p-Xylene	9.695	106	4766	0.187	ug/L	85
63) 1,2,4-Trimethylbenzene	11.467	105	3976	0.086	ug/L	93

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

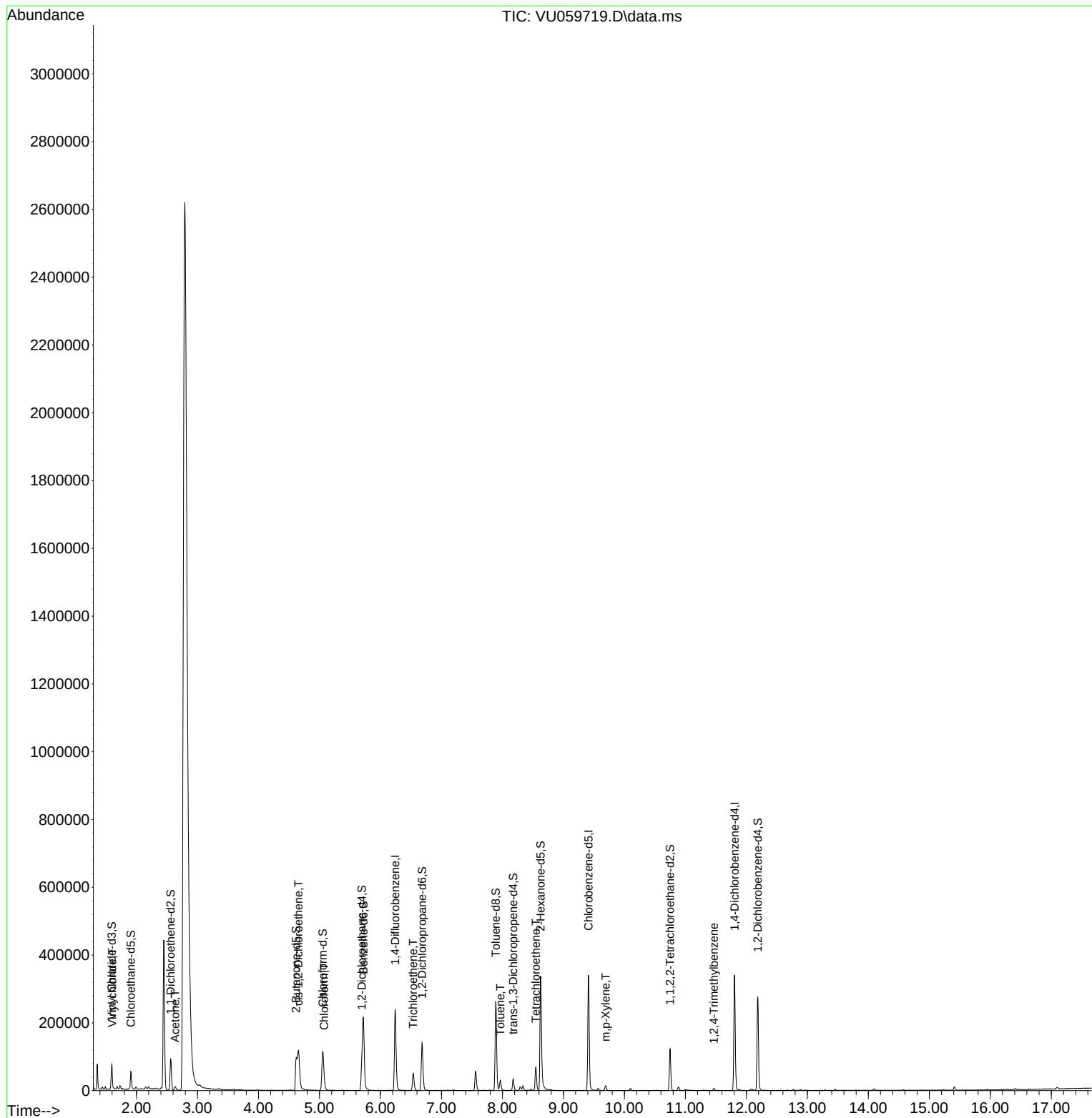
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
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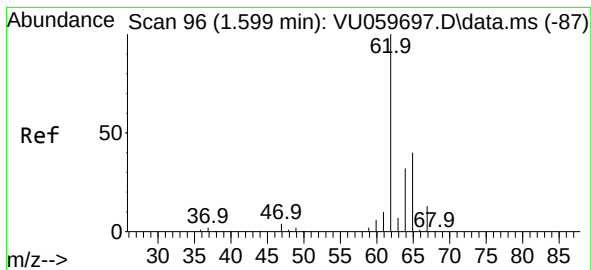
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 29 01:51:23 2024
Response via : Initial Calibration





#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 :

E1G74

Tgt Ion: 62 Resp: 522

Ion Ratio Lower Upper

62 100

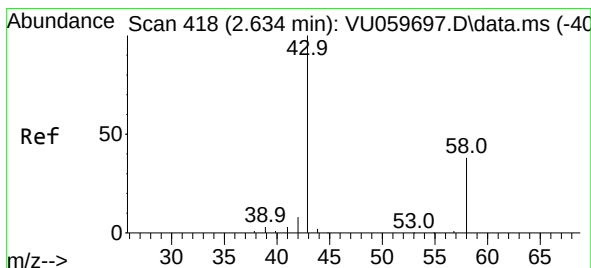
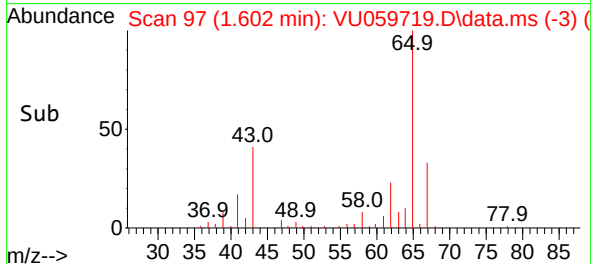
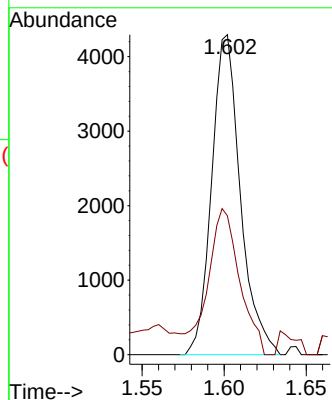
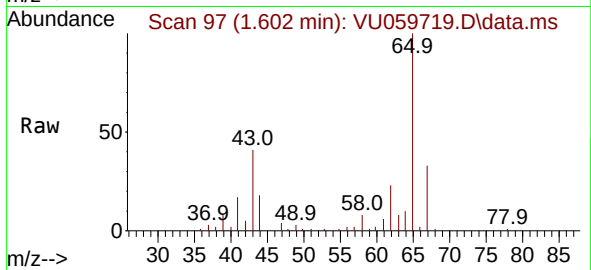
64 43.4 23.1 42.9

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#13

Acetone

Concen: 8.942 ug/L m

RT: 2.634 min Scan# 418

Delta R.T. 0.000 min

Lab File: VU059719.D

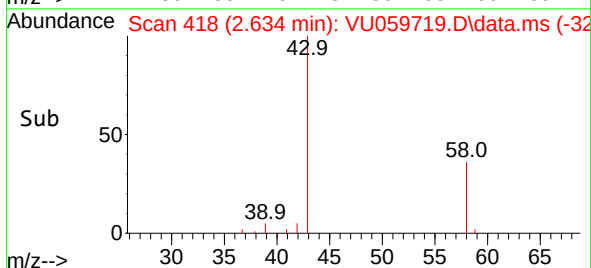
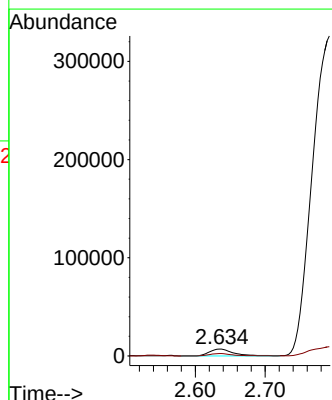
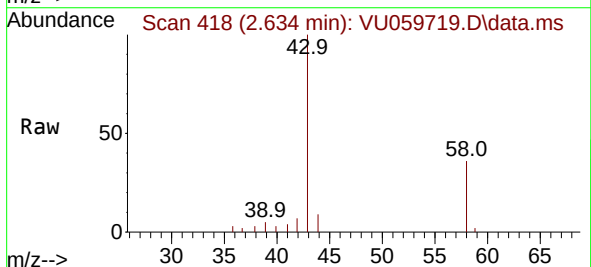
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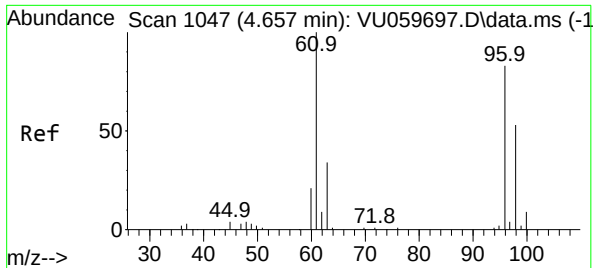
Tgt Ion: 43 Resp: 17338

Ion Ratio Lower Upper

43 100

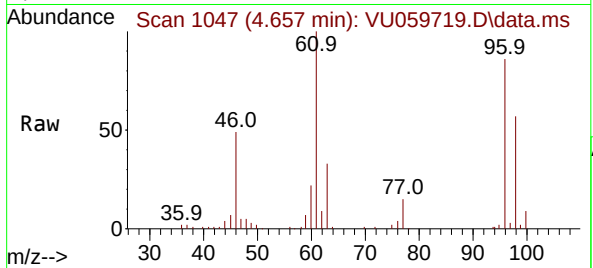
58 8.7 0.0 68.0





#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

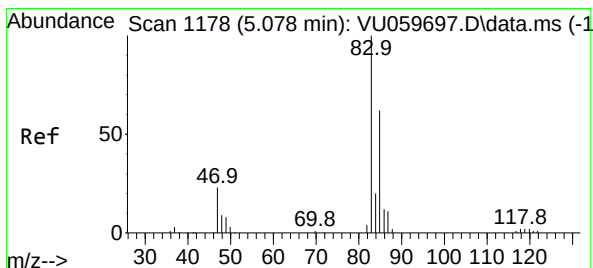
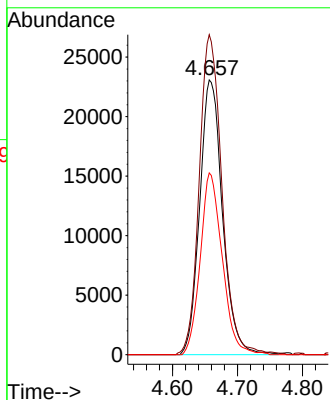
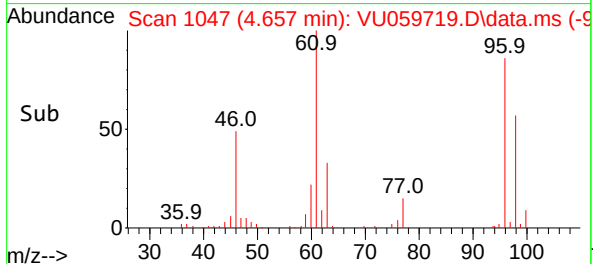
Instrument :
MSVOA_U
ClientSampleId :
E1G74



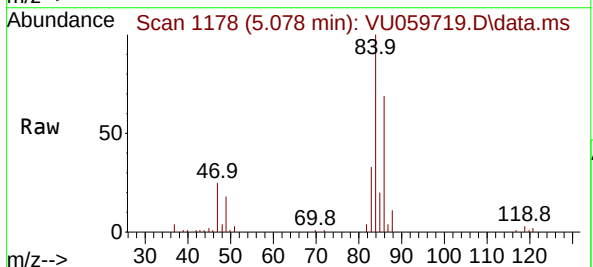
Tgt Ion: 96 Resp: 56490
Ion Ratio Lower Upper
96 100
61 116.5 87.4 162.2
98 66.2 42.3 78.5

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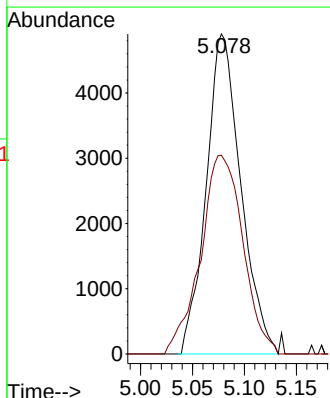
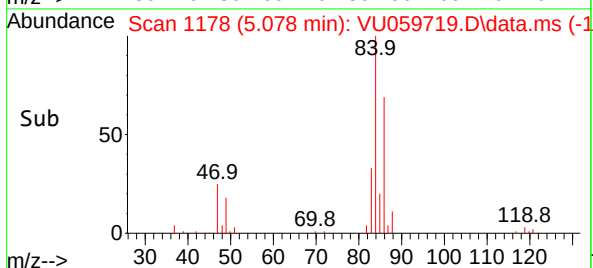
Reviewed By :Mahesh Dadoda 07/05/2024
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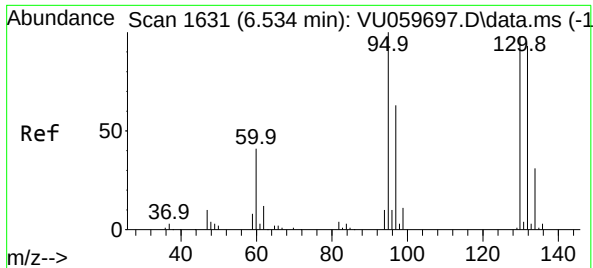


#25
Chloroform
Concen: 0.380 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU059719.D
Acq: 02 Jul 2024 05:15



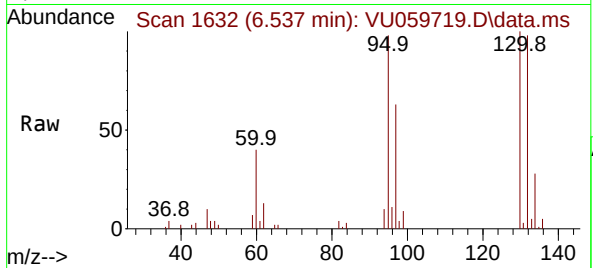
Tgt Ion: 83 Resp: 11354
Ion Ratio Lower Upper
83 100
85 62.1 44.7 83.1





#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

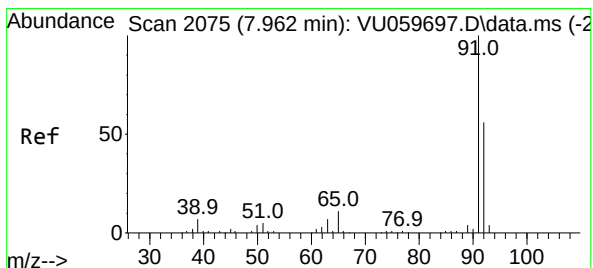
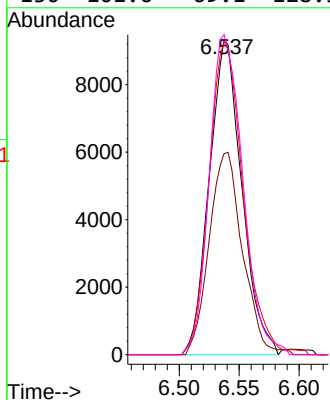
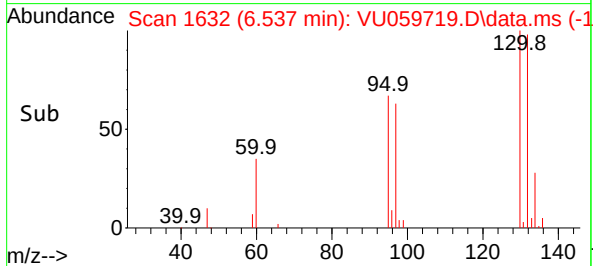
Instrument :
MSVOA_U
ClientSampleId :
E1G74



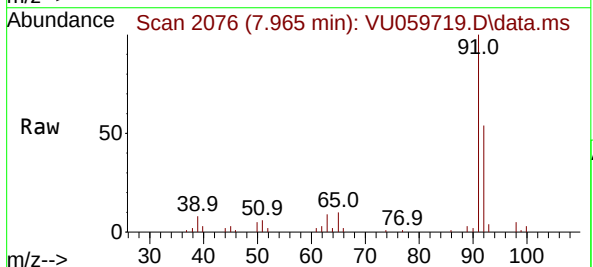
Tgt Ion: 95 Resp: 1756
Ion Ratio Lower Upper
95 100
97 63.9 45.3 84.1
132 99.3 64.0 119.0
130 101.6 69.1 128.3

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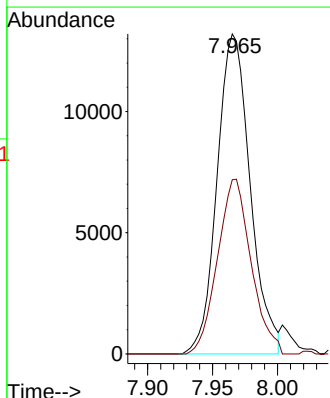
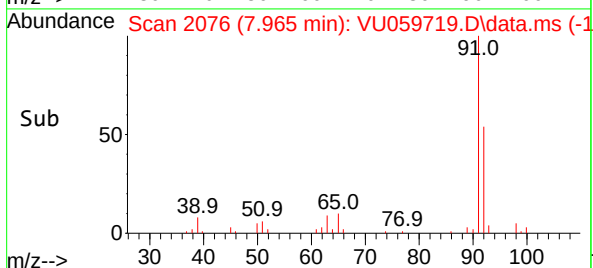
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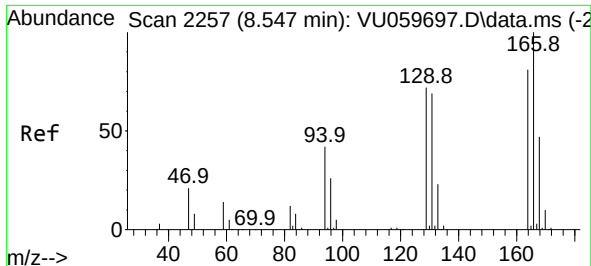


#42
Toluene
Concen: 0.361 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU059719.D
Acq: 02 Jul 2024 05:15



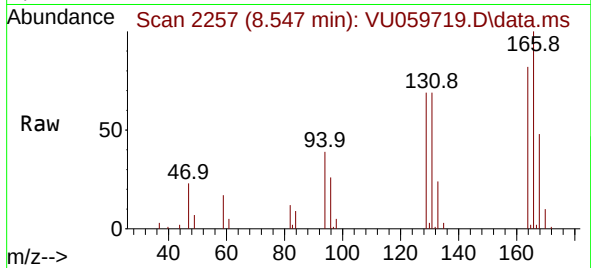
Tgt Ion: 91 Resp: 23407
Ion Ratio Lower Upper
91 100
92 54.4 39.7 73.7





#47
Tetrachloroethene
Concen: 1.326 ug/L
RT: 8.547 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059719.D
Acq: 02 Jul 2024 05:15

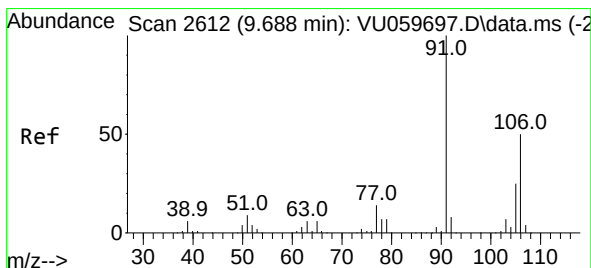
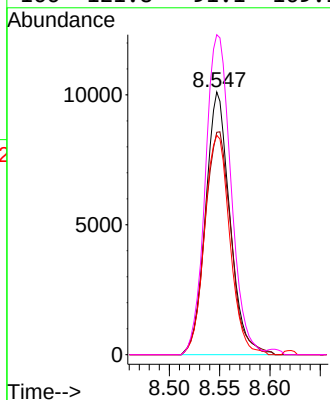
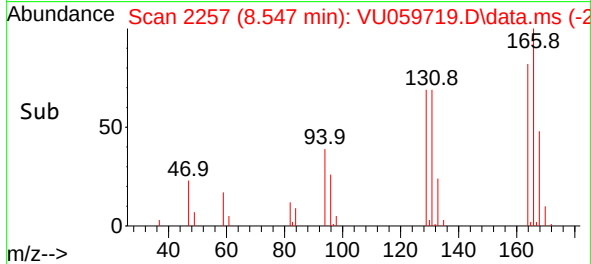
Instrument :
MSVOA_U
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E1G74



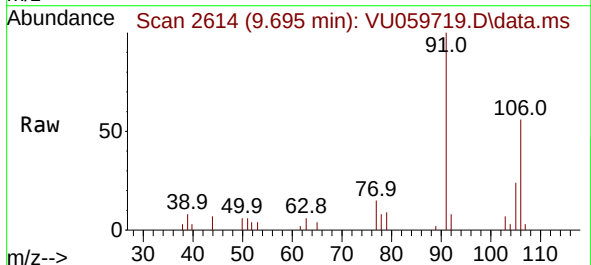
Tgt Ion:164 Resp: 17060
Ion Ratio Lower Upper
164 100
129 84.7 70.8 131.4
131 83.5 64.8 120.3
166 121.8 91.1 169.1

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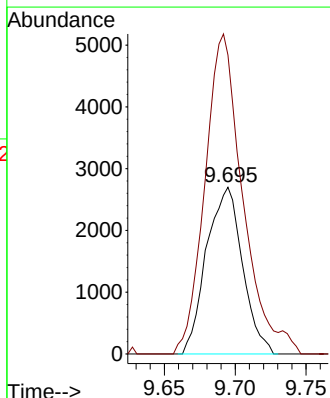
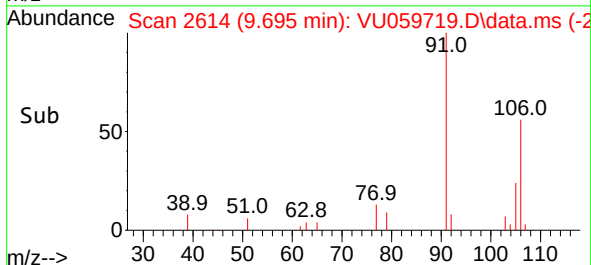
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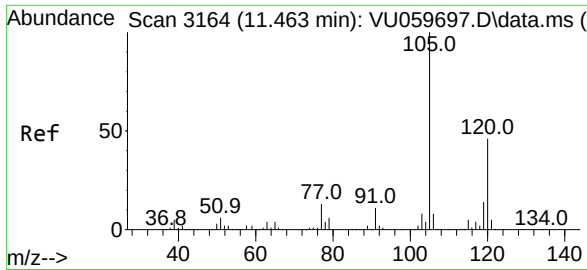


#53
m,p-Xylene
Concen: 0.187 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.007 min
Lab File: VU059719.D
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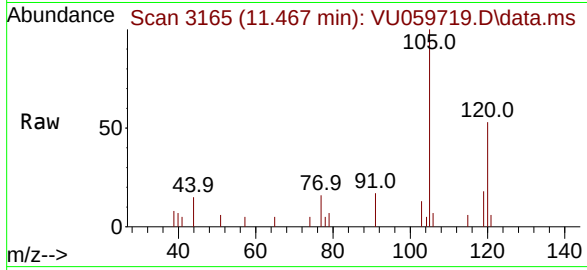
Tgt Ion:106 Resp: 4766
Ion Ratio Lower Upper
106 100
91 179.3 142.0 263.8





#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 :
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Tgt Ion:105 Resp: 3970
Ion Ratio Lower Upper
105 100
120 49.0 35.4 53.0

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