

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059790.D
 Acq On : 03 Jul 2024 12:10
 Operator : MD/SY
 Sample : P3084-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1G89

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 00:57:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 06:10:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	164459	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	175758	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	82370	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49322	4.313	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.200%	
7) Chloroethane-d5	1.907	69	42122	3.828	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.600%	
11) 1,1-Dichloroethene-d2	2.560	65	17964	3.786	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.800%	
20) 2-Butanone-d5	4.618	46	95710	40.631	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	81.260%	
24) Chloroform-d	5.055	84	87375	3.722	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.400%	
26) 1,2-Dichloroethane-d4	5.695	65	44102	3.900	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.000%	
32) Benzene-d6	5.721	84	180823	3.738	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.800%	
36) 1,2-Dichloropropane-d6	6.682	67	55988	3.777	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	75.600%	
41) Toluene-d8	7.891	98	154414	3.434	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.600%#	
43) trans-1,3-Dichloroprop...	8.177	79	19151	4.126	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.600%	
46) 2-Hexanone-d5	8.624	63	74885	38.831	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.660%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	46194	3.772	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	75.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	58917	4.019	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	80.400%	
Target Compounds						
5) Vinyl chloride	1.599	62	7334	0.443	ug/L	89
13) Acetone	2.628	43	24130m	15.792	ug/L	
16) Methylene chloride	3.036	84	2413	0.175	ug/L #	73
22) cis-1,2-Dichloroethene	4.656	96	88937	6.652	ug/L	94
27) 1,2-Dichloroethane	5.795	62	3136	0.220	ug/L	98
34) Trichloroethene	6.537	95	18079	1.251	ug/L	92
63) 1,2,4-Trimethylbenzene	11.466	105	4125	0.107	ug/L	95

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

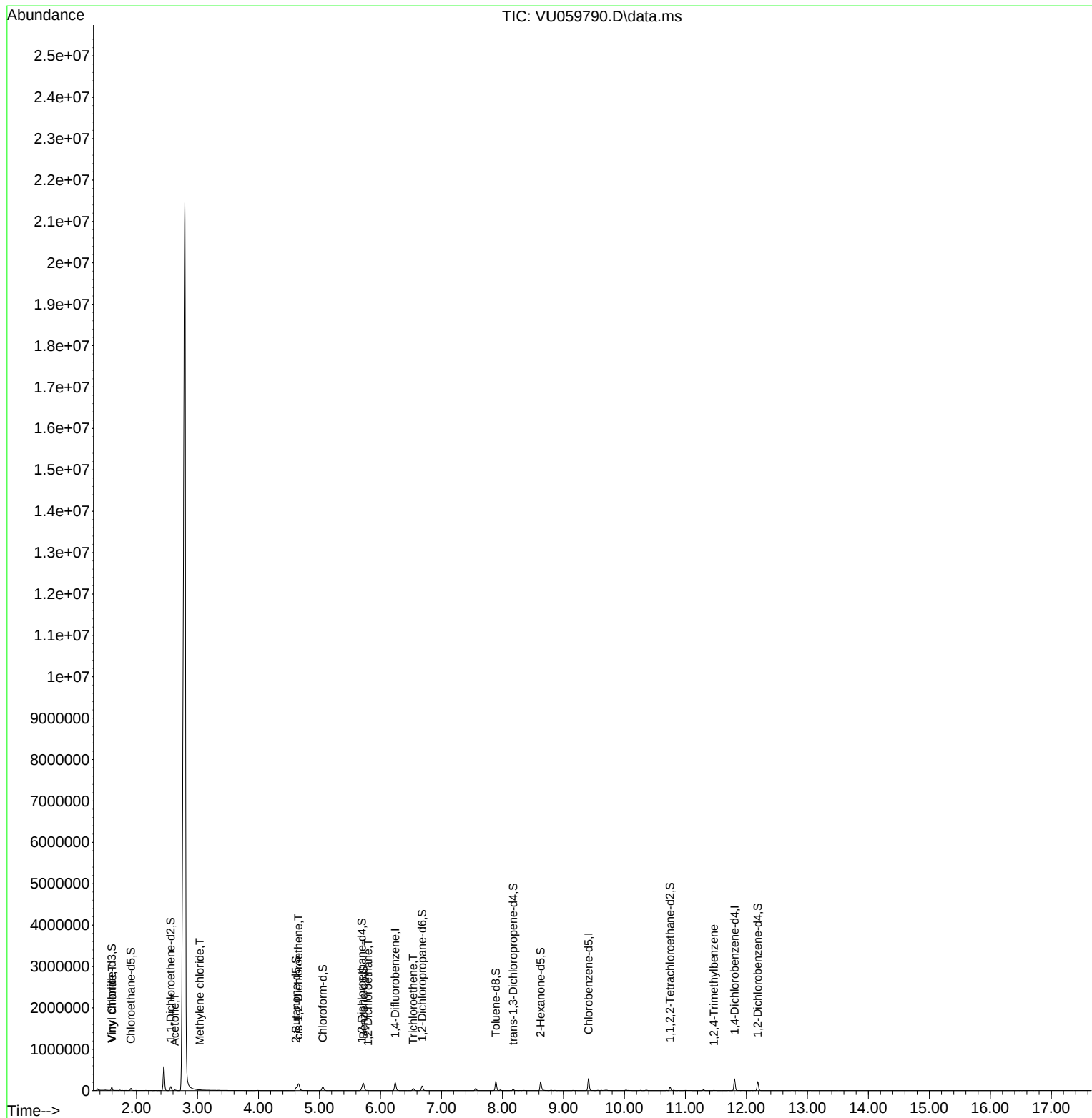
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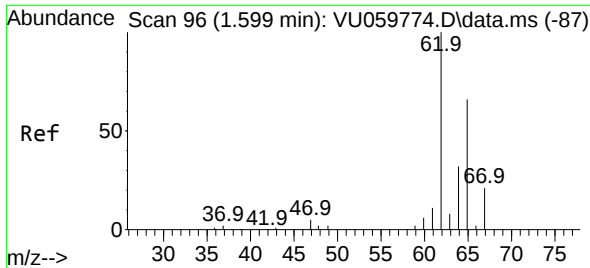
Instrument :
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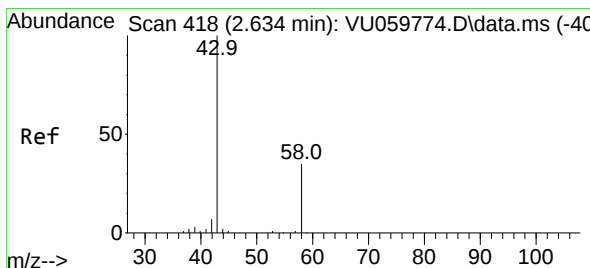
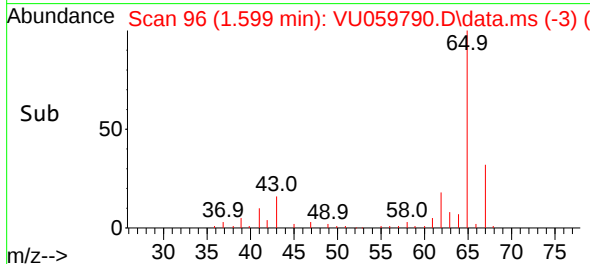
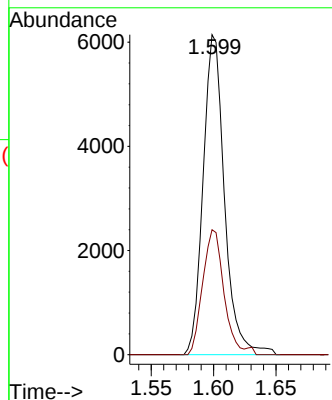
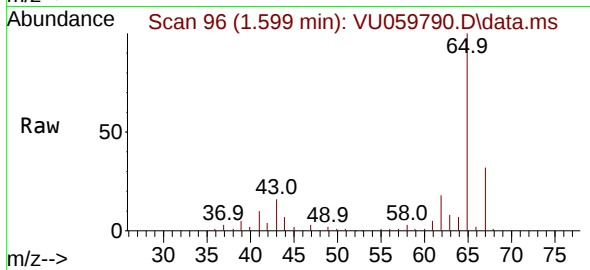
#5
 Vinyl chloride
 Concen: 0.443 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU059790.D
 Acq: 03 Jul 2024 12:10

Instrument :
 MSVOA_U
 ClientSampleId :
 E1G89

Tgt Ion: 62 Resp: 7334
 Ion Ratio Lower Upper
 62 100
 64 39.1 23.1 42.9

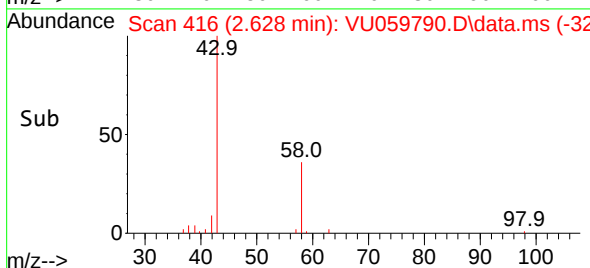
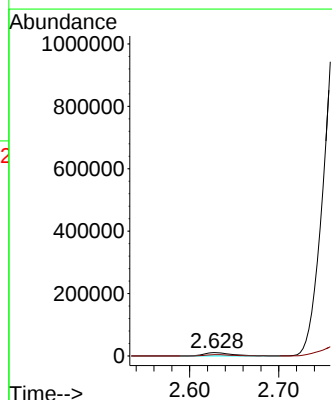
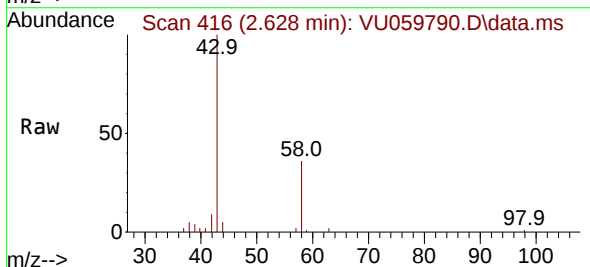
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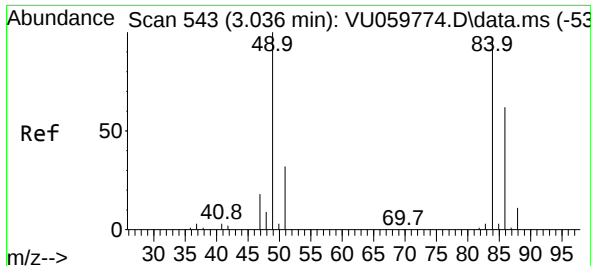
Reviewed By :Mahesh Dadoda 07/05/2024
 Supervised By :Semsettin Yesilyurt 07/05/2024



#13
 Acetone
 Concen: 15.792 ug/L m
 RT: 2.628 min Scan# 416
 Delta R.T. -0.006 min
 Lab File: VU059790.D
 Acq: 03 Jul 2024 12:10

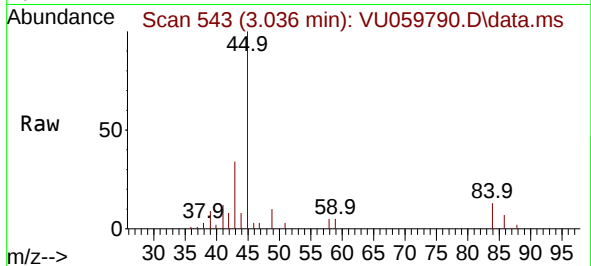
Tgt Ion: 43 Resp: 24130
 Ion Ratio Lower Upper
 43 100
 58 36.8 0.0 68.0





#16
Methylene chloride
Concen: 0.175 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU059790.D
Acq: 03 Jul 2024 12:10

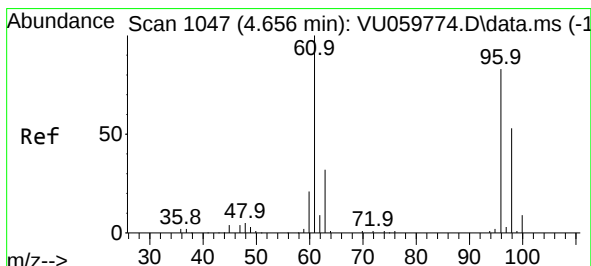
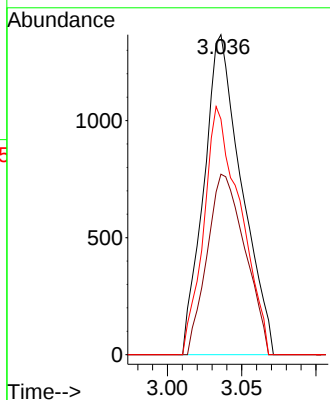
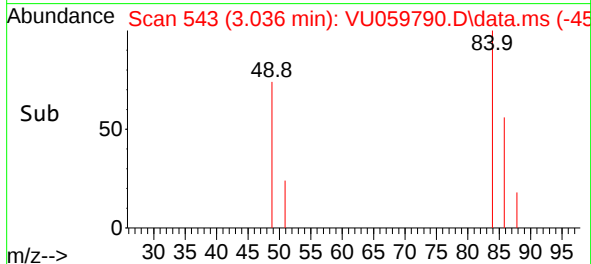
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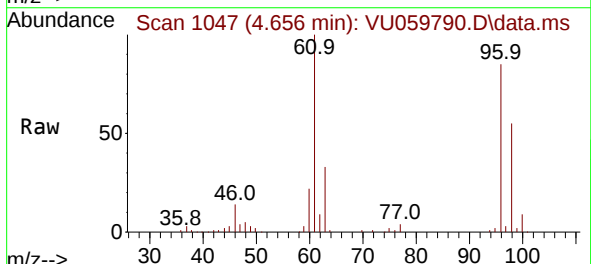
Tgt Ion: 84 Resp: 241
Ion Ratio Lower Upper
84 100
86 56.4 42.1 78.1
49 73.6 80.6 149.8

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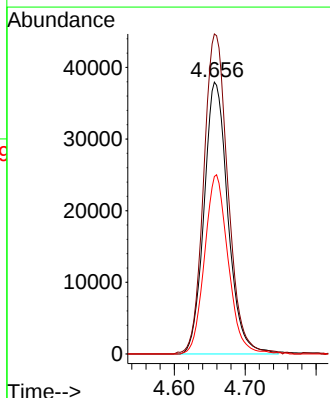
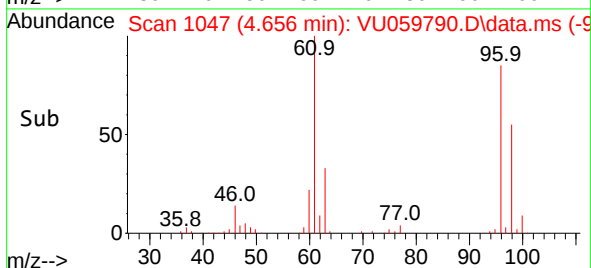
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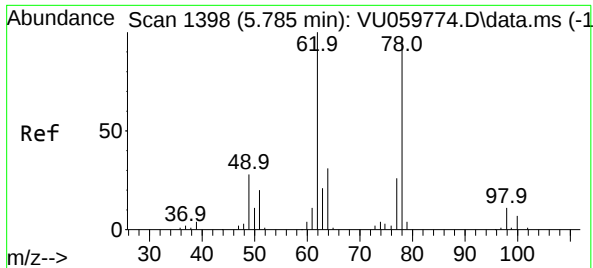


#22
cis-1,2-Dichloroethene
Concen: 6.652 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU059790.D
Acq: 03 Jul 2024 12:10



Tgt Ion: 96 Resp: 88937
Ion Ratio Lower Upper
96 100
61 117.7 87.4 162.2
98 65.3 42.3 78.5





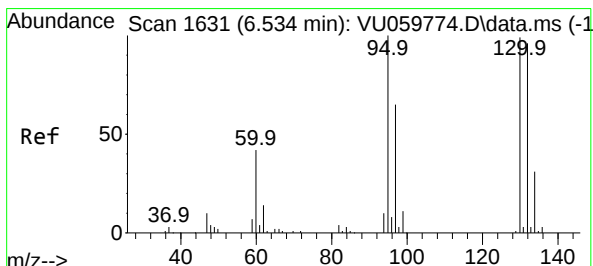
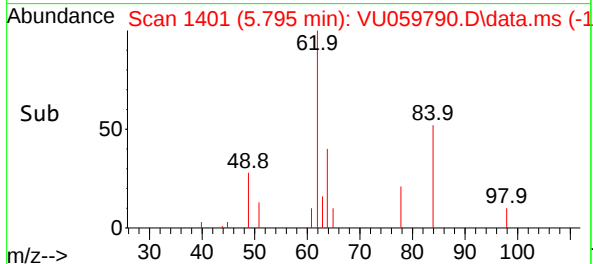
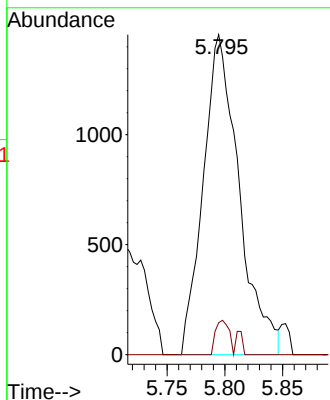
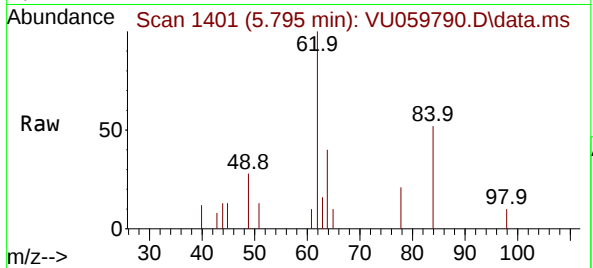
#27
1,2-Dichloroethane
Concen: 0.220 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.010 min
Lab File: VU059790.D
Acq: 03 Jul 2024 12:10

Instrument :
MSVOA_U
ClientSampleId :
E1G89

Tgt Ion: 62 Resp: 3130
Ion Ratio Lower Upper
62 100
98 10.0 7.5 11.3

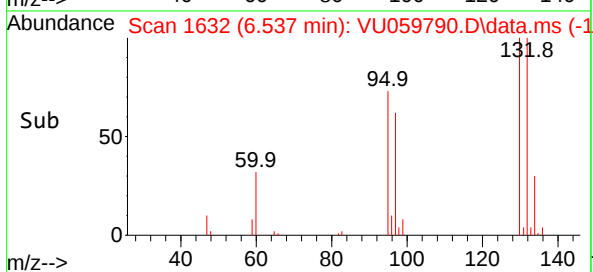
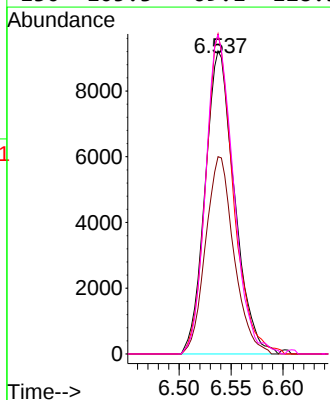
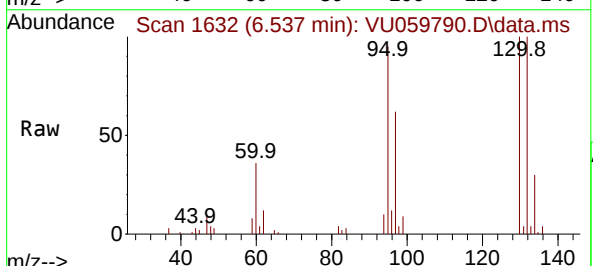
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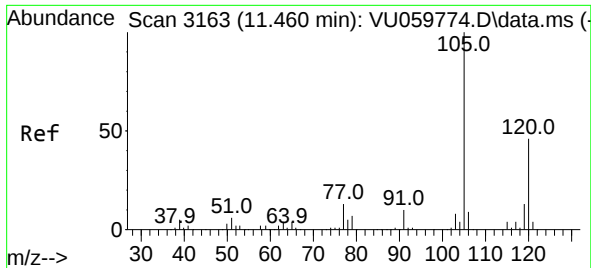
Reviewed By :Mahesh Dadoda 07/05/2024
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#34
Trichloroethene
Concen: 1.251 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU059790.D
Acq: 03 Jul 2024 12:10

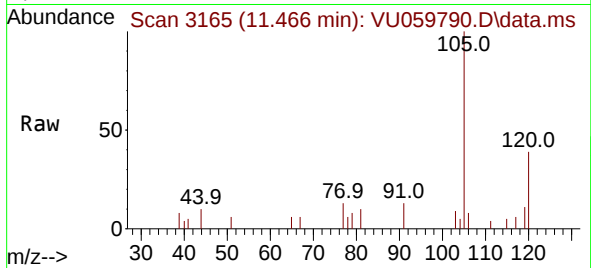
Tgt Ion: 95 Resp: 18079
Ion Ratio Lower Upper
95 100
97 65.1 45.3 84.1
132 105.6 64.0 119.0
130 105.3 69.1 128.3





#63
1,2,4-Trimethylbenzene
Concen: 0.107 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.006 min
Lab File: VU059790.D
Acq: 03 Jul 2024 12:10

Instrument :
MSVOA_U
ClientSampleId :
E1G89



Tgt Ion:105 Resp: 4125
Ion Ratio Lower Upper
105 100
120 41.2 35.4 53.0

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