

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031523\
 Data File : VU053210.D
 Acq On : 15 Mar 2023 19:00
 Operator : JC/MD
 Sample : 01929-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFF0

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/16/2023
 Supervised By :Mahesh Dadoda 03/17/2023

Quant Time: Mar 16 04:04:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 16 03:54:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	165559	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	163350	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	83948	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	94564	61.913	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 123.820%			
7) Chloroethane-d5	1.912	69	55547	44.961	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.920%			
11) 1,1-Dichloroethene-d2	2.571	63	117397	44.369	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.740%			
21) 2-Butanone-d5	4.661	46	79196	111.795	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.800%			
24) Chloroform-d	5.060	84	110715	44.010	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.020%			
26) 1,2-Dichloroethane-d4	5.697	65	71751	45.925	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.860%			
32) Benzene-d6	5.726	84	241049	45.495	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.000%			
36) 1,2-Dichloropropane-d6	6.697	67	79401	46.433	ug/L	0.01
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.860%			
41) Toluene-d8	7.893	98	219552	44.508	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.020%			
43) trans-1,3-Dichloroprop...	8.172	79	39282	46.560	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.120%			
47) 2-Hexanone-d5	8.629	63	54189	101.362	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.360%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	102433	46.241	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.480%			
66) 1,2-Dichlorobenzene-d4	12.188	152	74655	45.928	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.860%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	3450505	1980.878	ug/L	99
12) 1,1-Dichloroethene	2.581	96	50820	41.798	ug/L	83
17) trans-1,2-Dichloroethene	3.356	96	165105	133.834	ug/L	99
20) cis-1,2-Dichloroethene	4.655	96	26961107m	18606.901	ug/L	
34) Trichloroethene	6.546	95	33517083m	22698.200	ug/L	
42) Toluene	7.967	91	16029	2.633	ug/L	97
46) Tetrachloroethene	8.552	164	2085	2.170	ug/L	89
70) 1,2,4-trichlorobenzene	13.844	180	2455	1.549	ug/L	91

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

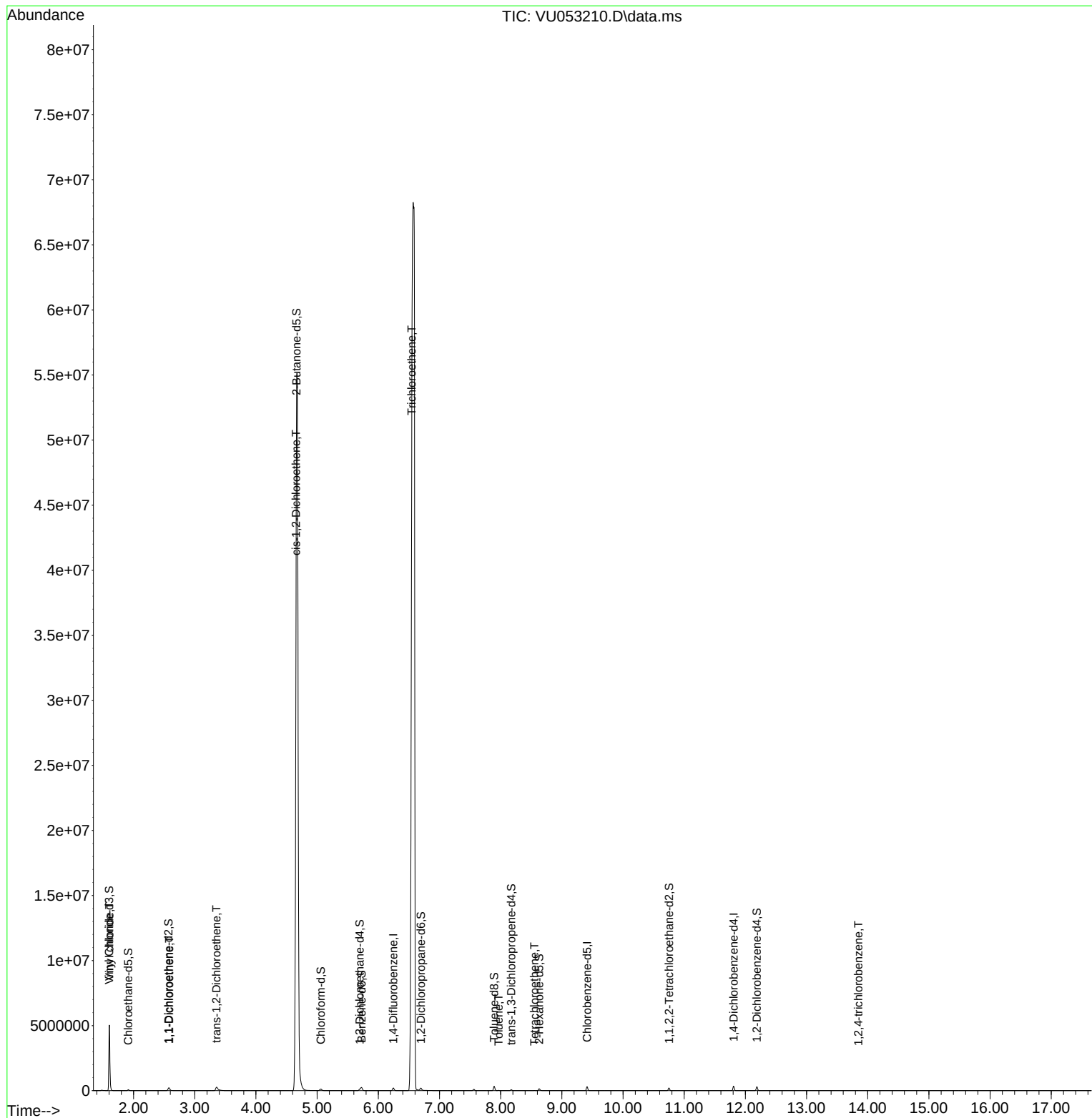
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031523\
Data File : VU053210.D
Acq On : 15 Mar 2023 19:00
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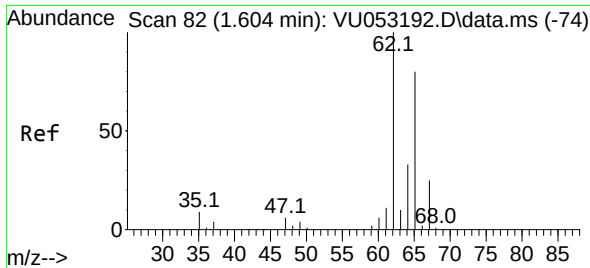
Instrument :
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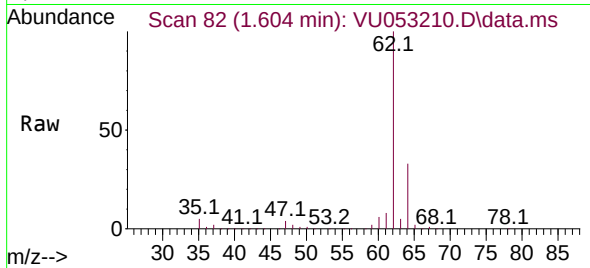
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 16 03:54:54 2023
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 1980.878 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU053210.D
 Acq: 15 Mar 2023 19:00

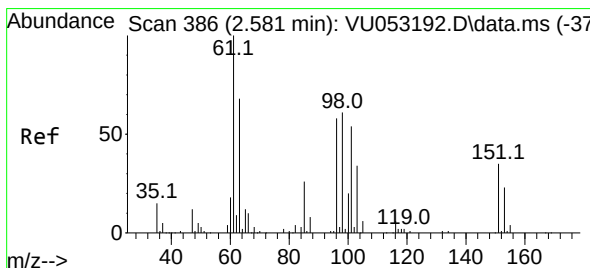
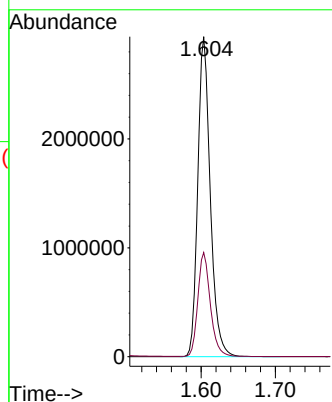
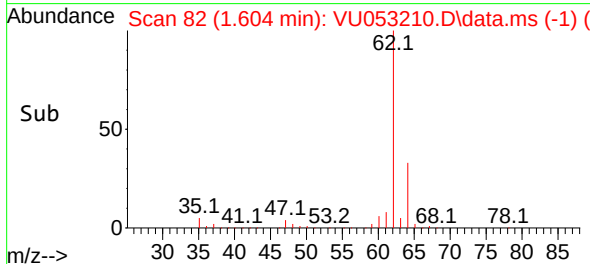
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Tgt Ion: 62 Resp: 345050
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.2 43.0

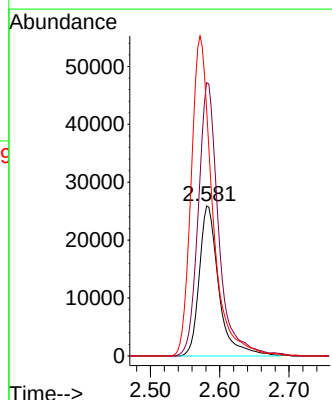
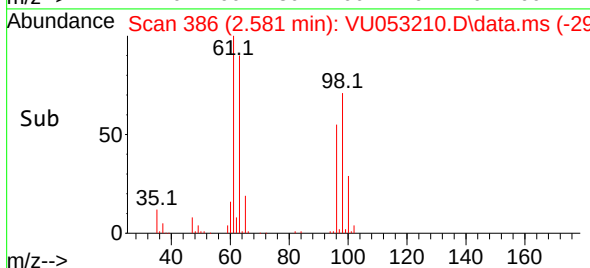
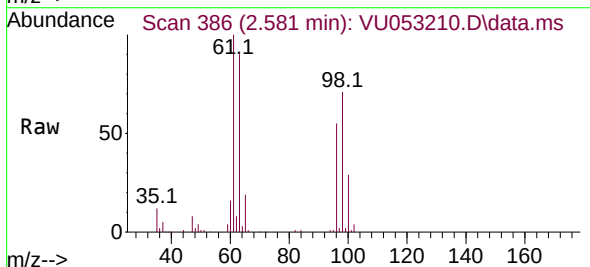
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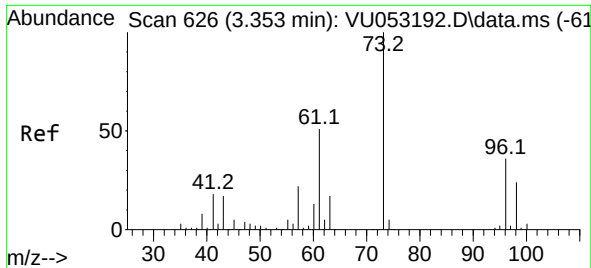
Reviewed By :Krupa Patel 03/16/2023
 Supervised By :Mahesh Dadoda 03/17/2023



#12
 1,1-Dichloroethene
 Concen: 41.798 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU053210.D
 Acq: 15 Mar 2023 19:00

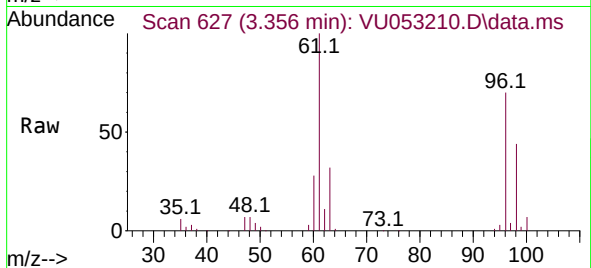
Tgt Ion: 96 Resp: 50820
 Ion Ratio Lower Upper
 96 100
 61 182.3 122.2 226.9
 63 164.8 89.9 166.9





#17
trans-1,2-Dichloroethene
Concen: 133.834 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU053210.D
Acq: 15 Mar 2023 19:00

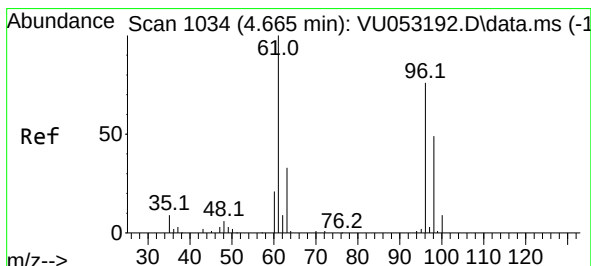
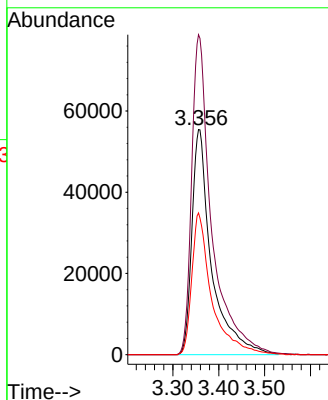
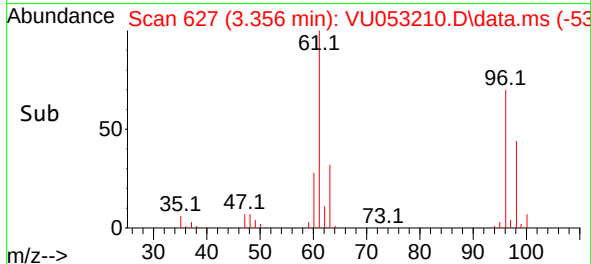
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Tgt Ion: 96 Resp: 16510
Ion Ratio Lower Upper
96 100
61 142.2 99.6 185.0
98 63.0 45.5 84.5

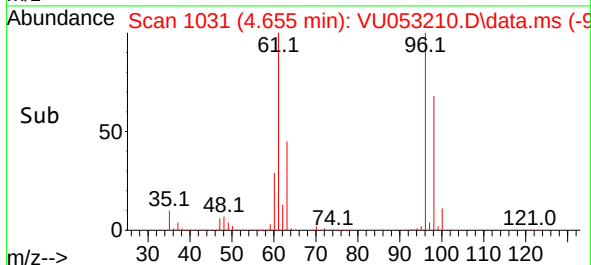
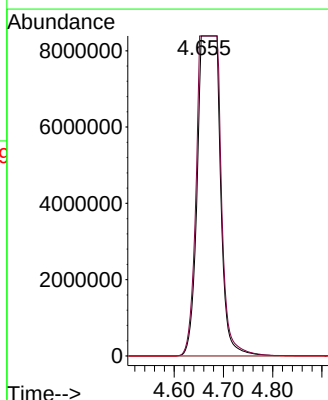
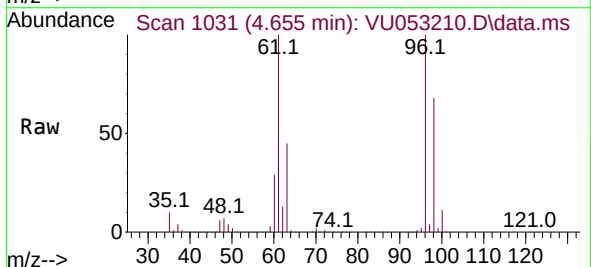
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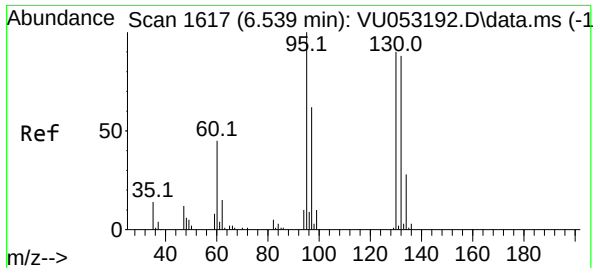
Reviewed By :Krupa Patel 03/16/2023
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#20
cis-1,2-Dichloroethene
Concen: 18606.901 ug/L m
RT: 4.655 min Scan# 1031
Delta R.T. -0.010 min
Lab File: VU053210.D
Acq: 15 Mar 2023 19:00

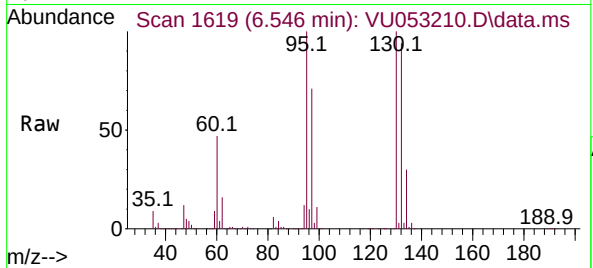
Tgt Ion: 96 Resp:26961107
Ion Ratio Lower Upper
96 100
61 100.0 92.5 171.7
68 0.0 0.0 0.0





#34
Trichloroethene
Concen: 22698.200 ug/L m
RT: 6.546 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VU053210.D
Acq: 15 Mar 2023 19:00

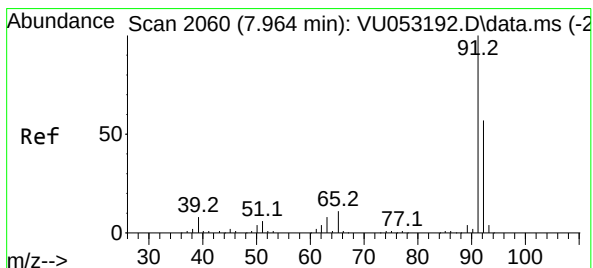
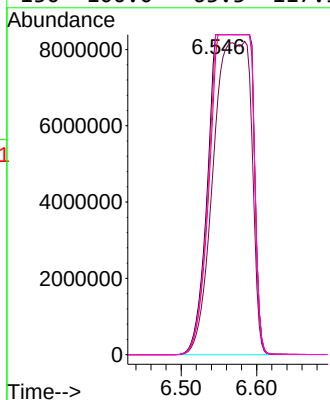
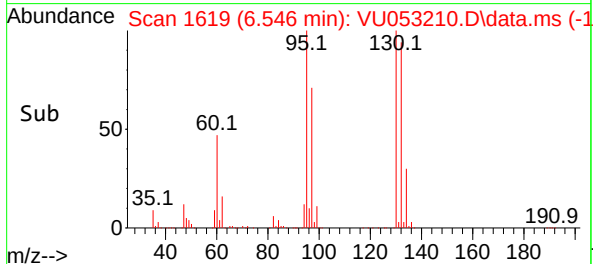
Instrument :
MSVOA_U
ClientSampleId :
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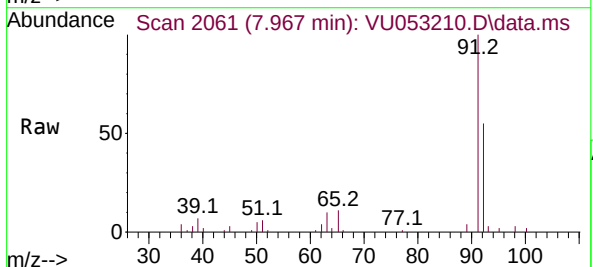
Tgt Ion: 95 Resp: 3351708
Ion Ratio Lower Upper
95 100
97 70.6 43.8 81.3
132 93.5 61.5 114.3
130 100.0 63.3 117.5

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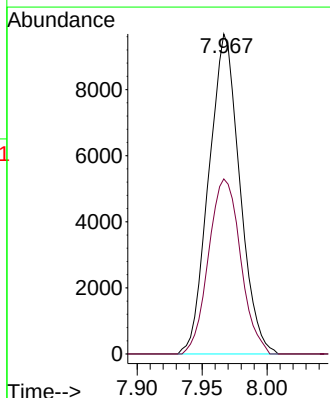
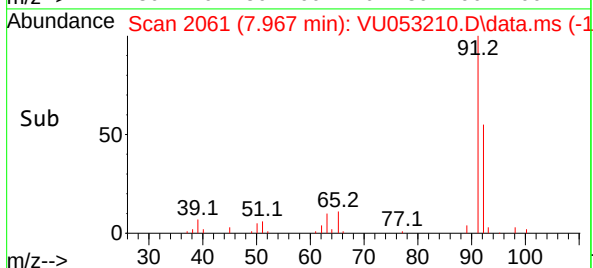
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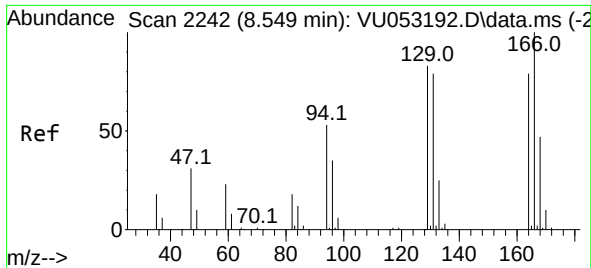


#42
Toluene
Concen: 2.633 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU053210.D
Acq: 15 Mar 2023 19:00



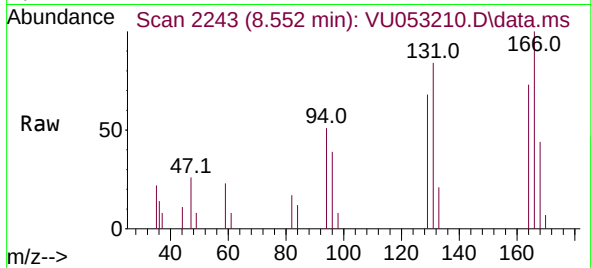
Tgt Ion: 91 Resp: 16029
Ion Ratio Lower Upper
91 100
92 54.7 39.6 73.6





#46
Tetrachloroethene
Concen: 2.170 ug/L
RT: 8.552 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU053210.D
Acq: 15 Mar 2023 19:00

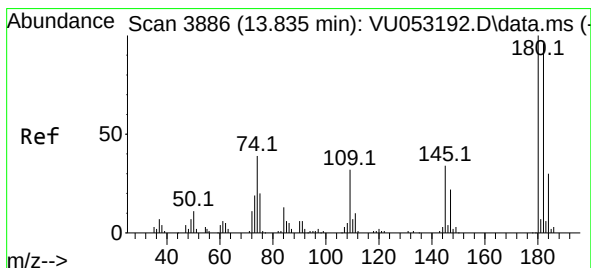
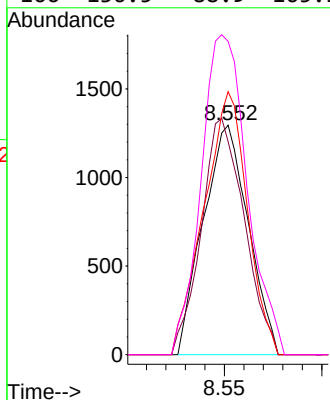
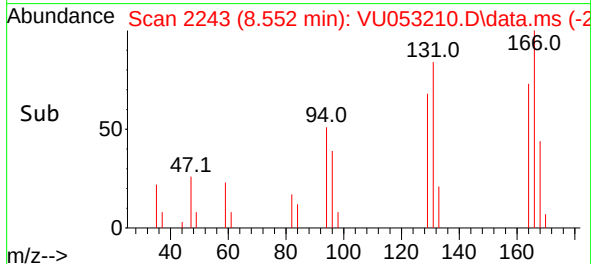
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ClientSampleId :
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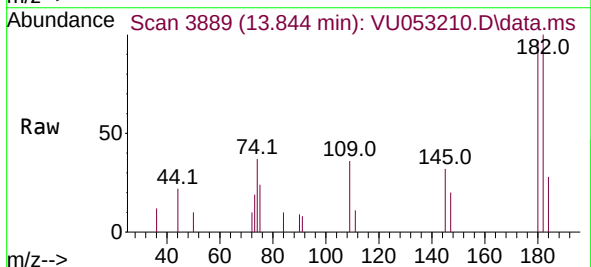
Tgt Ion:164 Resp: 2085
Ion Ratio Lower Upper
164 100
129 92.9 73.6 136.8
131 114.7 70.3 130.7
166 136.5 88.9 165.1

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#70
1,2,4-trichlorobenzene
Concen: 1.549 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.010 min
Lab File: VU053210.D
Acq: 15 Mar 2023 19:00



Tgt Ion:180 Resp: 2455
Ion Ratio Lower Upper
180 100
182 105.3 75.8 113.8
145 36.3 27.2 40.8

