

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057299.D
 Acq On : 27 Dec 2023 23:53
 Operator : MD/SY
 Sample : 06021-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Z4

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/29/2023
 Supervised By : Mahesh Dadoda 12/29/2023

Quant Time: Dec 28 01:50:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 00:43:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	249297	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	248862	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	100965	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	111824	5.218	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.400%		
7) Chloroethane-d5	1.908	69	89717	5.212	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 104.200%		
11) 1,1-Dichloroethene-d2	2.557	65	45100	5.287	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 105.800%		
20) 2-Butanone-d5	4.660	46	250151	51.534	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 103.060%		
24) Chloroform-d	5.055	84	192577	5.053	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.000%		
26) 1,2-Dichloroethane-d4	5.695	65	100876	5.179	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.600%		
32) Benzene-d6	5.721	84	358634	5.055	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.200%		
36) 1,2-Dichloropropane-d6	6.686	67	120076	5.402	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.000%		
41) Toluene-d8	7.891	98	286389	4.680	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 93.600%		
43) trans-1,3-Dichloroprop...	8.174	79	43790	4.909	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.200%		
46) 2-Hexanone-d5	8.631	63	205054	50.759	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 101.520%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	94529	5.063	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 101.200%		
66) 1,2-Dichlorobenzene-d4	12.187	152	101119	5.500	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.000%		
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	383963	18.451	ug/L	99
12) 1,1-Dichloroethene	2.570	96	7469	0.458	ug/L #	1
13) Acetone	2.744	43	18342m	5.798	ug/L	
14) Carbon disulfide	2.785	76	7962	0.171	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	33920	2.098	ug/L	95
19) 1,1-Dichloroethane	3.859	63	214479	6.312	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	344807	18.450	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	23435	0.743	ug/L	99
34) Trichloroethene	6.534	95	626076	32.771	ug/L	99
42) Toluene	7.965	91	257855	3.341	ug/L	99

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

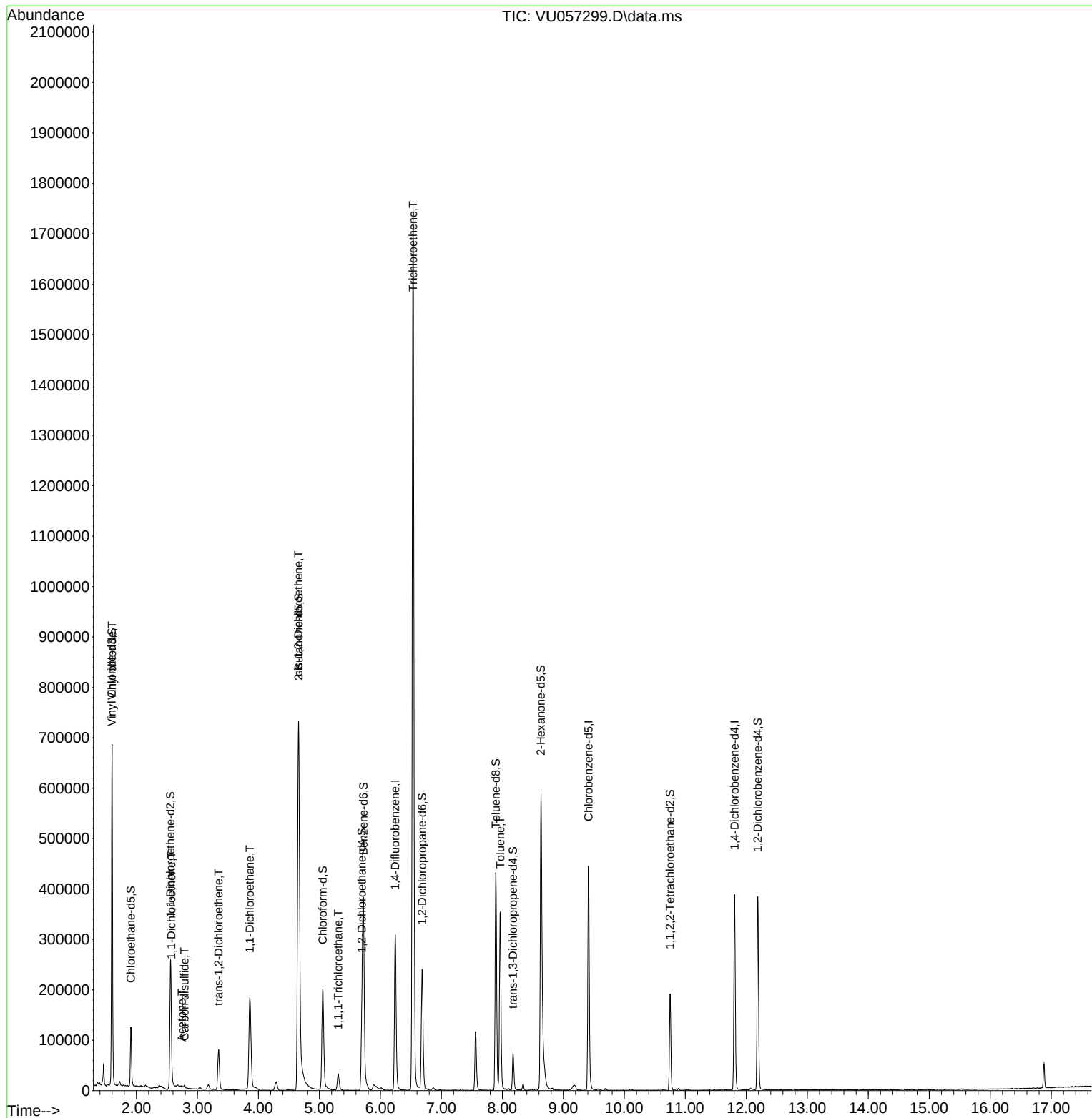
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
Data File : VU057299.D
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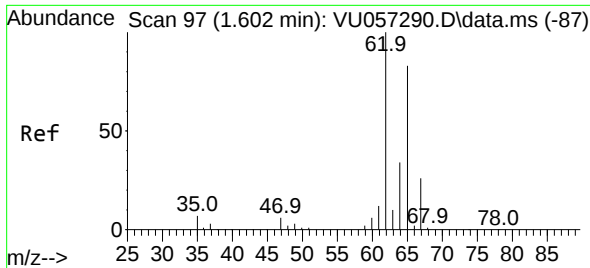
Instrument :
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Quant Time: Dec 28 01:50:14 2023
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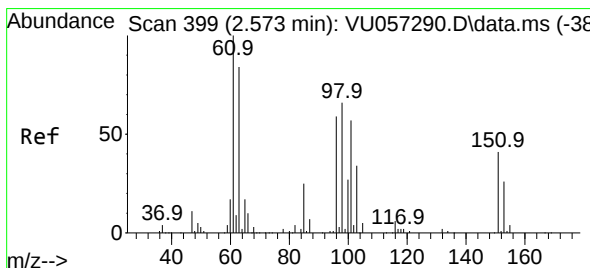
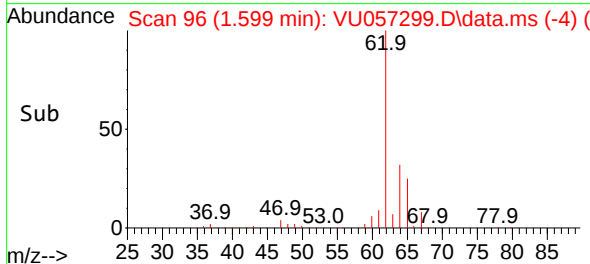
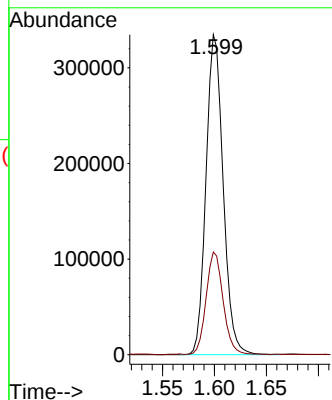
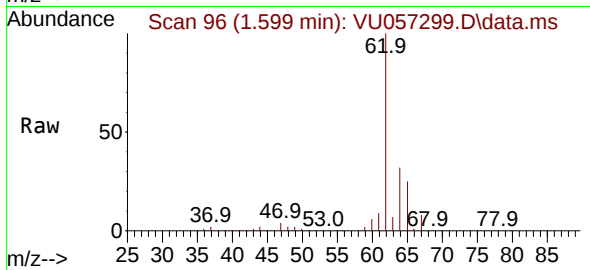
#5
 Vinyl chloride
 Concen: 18.451 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU057299.D
 Acq: 27 Dec 2023 23:53

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Z4

Tgt Ion: 62 Resp: 38396
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.8 42.4

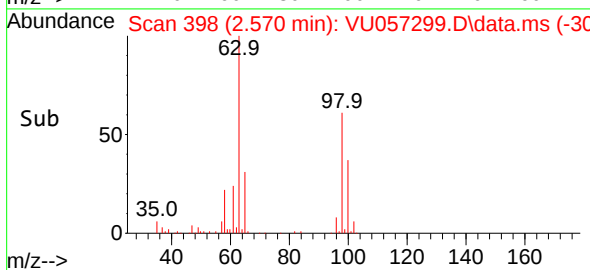
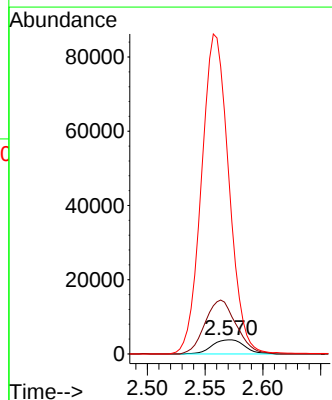
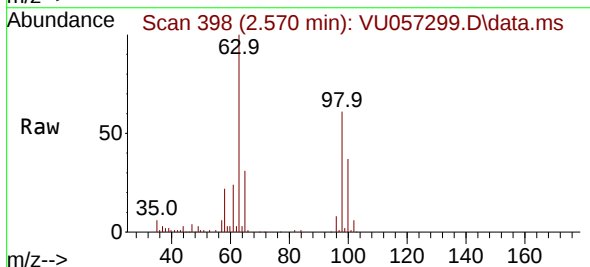
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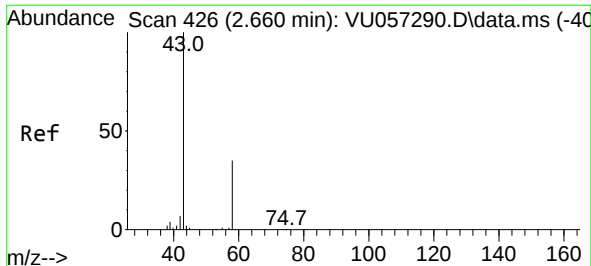
Reviewed By :John Carlone 12/29/2023
 Supervised By :Mahesh Dadoda 12/29/2023



#12
 1,1-Dichloroethene
 Concen: 0.458 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU057299.D
 Acq: 27 Dec 2023 23:53

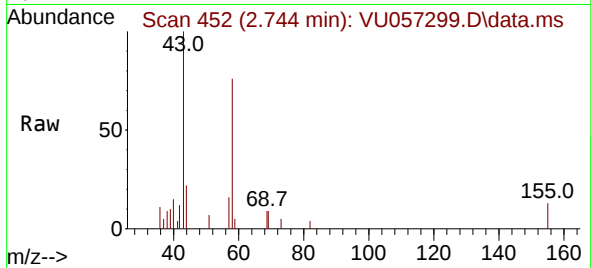
Tgt Ion: 96 Resp: 7469
 Ion Ratio Lower Upper
 96 100
 61 320.5 122.2 226.9#
 63 1322.9 99.2 184.2#





#13
Acetone
Concen: 5.798 ug/L m
RT: 2.744 min Scan# 41
Delta R.T. 0.084 min
Lab File: VU057299.D
Acq: 27 Dec 2023 23:53

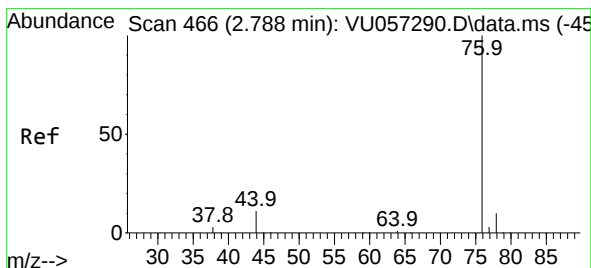
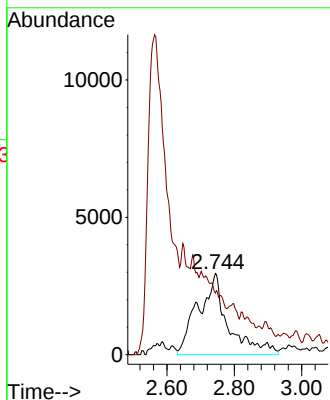
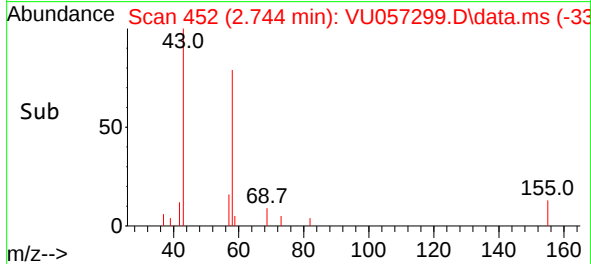
Instrument :
MSVOA_U
ClientSampleId :
BH7Z4



Tgt Ion: 43 Resp: 1834
Ion Ratio Lower Upper
43 100
58 12.4 0.0 67.2

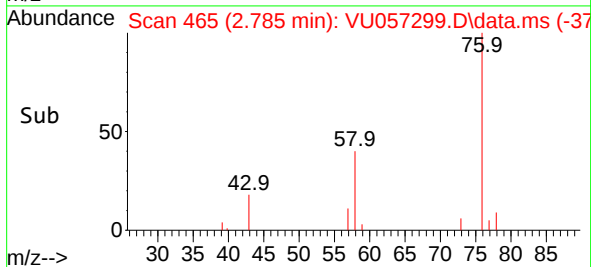
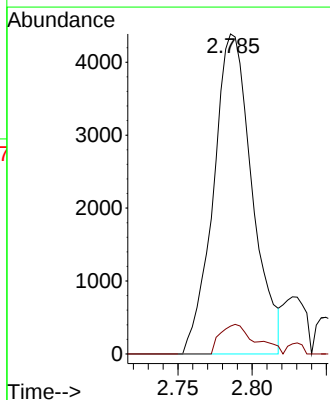
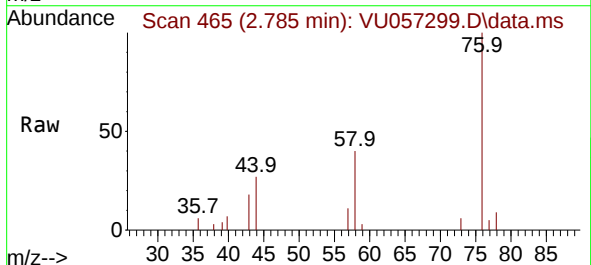
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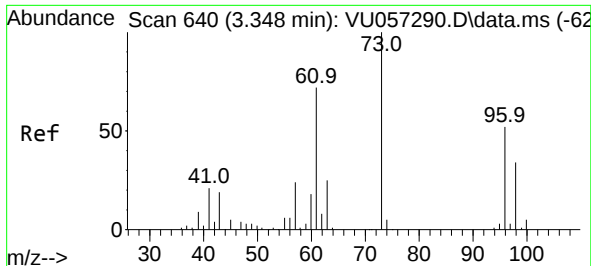
Reviewed By :John Carlone 12/29/2023
Supervised By :Mahesh Dadoda 12/29/2023



#14
Carbon disulfide
Concen: 0.171 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.003 min
Lab File: VU057299.D
Acq: 27 Dec 2023 23:53

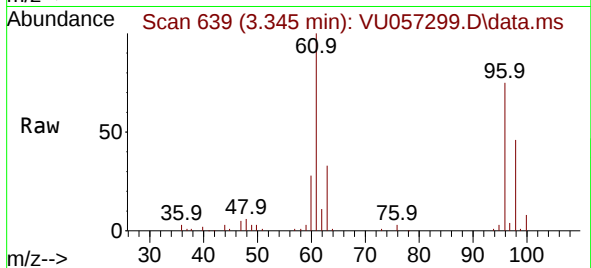
Tgt Ion: 76 Resp: 7962
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9





#18
trans-1,2-Dichloroethene
Concen: 2.098 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU057299.D
Acq: 27 Dec 2023 23:53

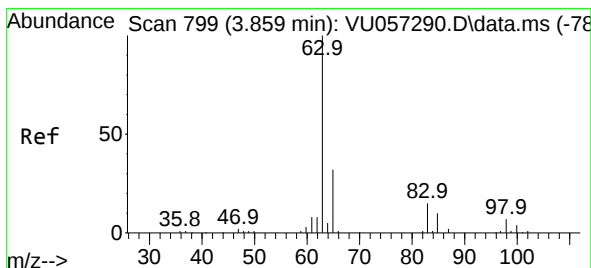
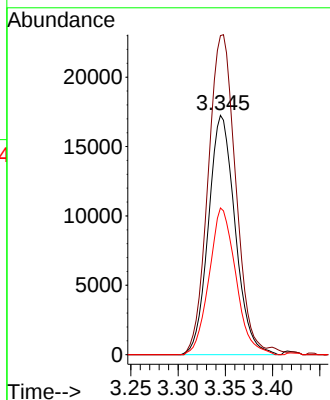
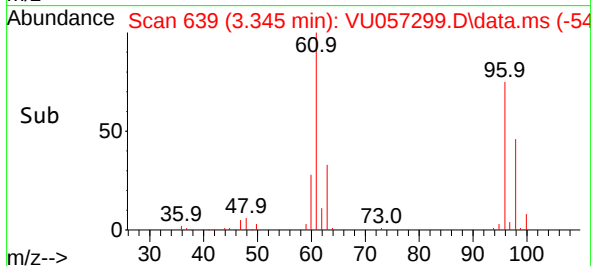
Instrument :
MSVOA_U
ClientSampleId :
BH7Z4



Tgt Ion: 96 Resp: 33920
Ion Ratio Lower Upper
96 100
61 133.3 97.5 181.1
98 61.3 45.9 85.3

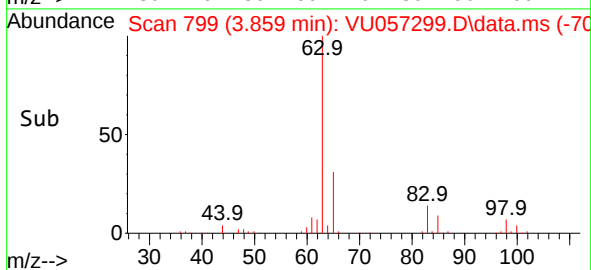
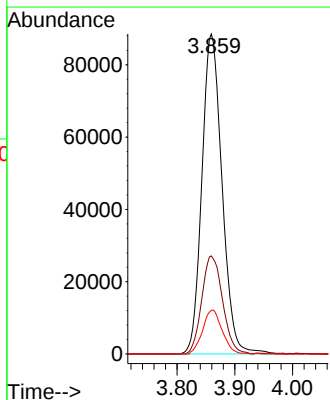
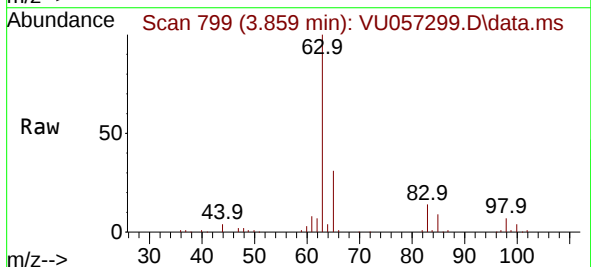
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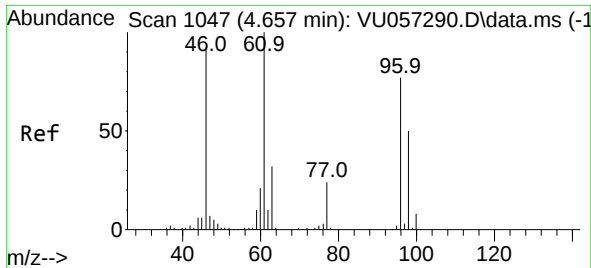
Reviewed By :John Carlone 12/29/2023
Supervised By :Mahesh Dadoda 12/29/2023



#19
1,1-Dichloroethane
Concen: 6.312 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU057299.D
Acq: 27 Dec 2023 23:53

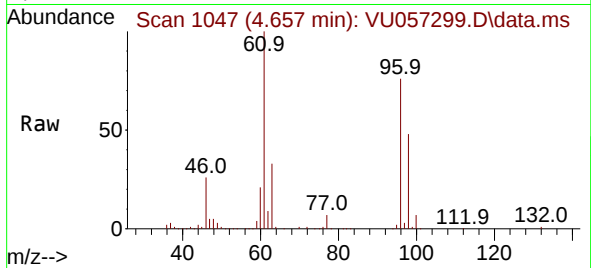
Tgt Ion: 63 Resp: 214479
Ion Ratio Lower Upper
63 100
65 30.7 23.6 43.8
83 13.6 9.8 18.2





#22
 cis-1,2-Dichloroethene
 Concen: 18.450 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU057299.D
 Acq: 27 Dec 2023 23:53

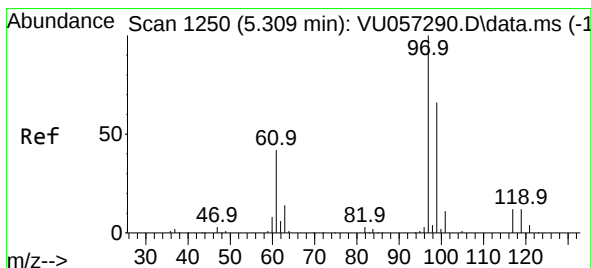
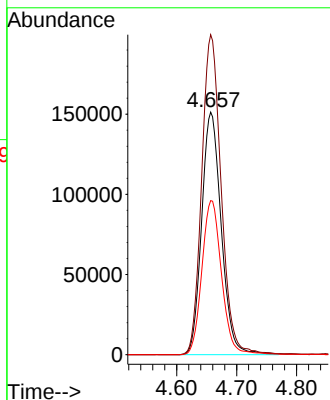
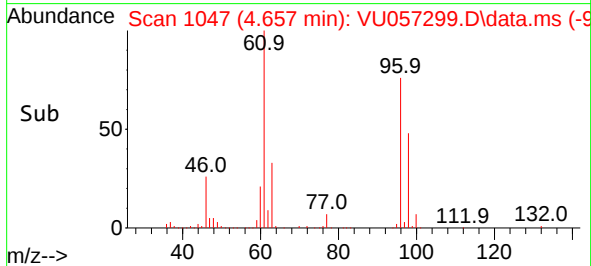
Instrument :
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 ClientSampleId :
 BH7Z4



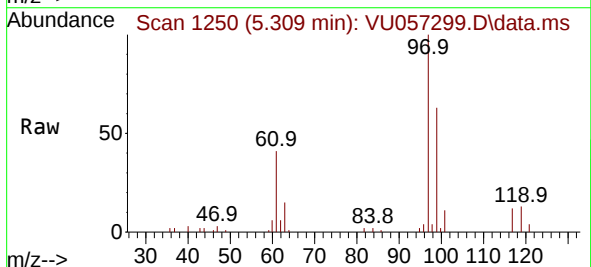
Tgt Ion: 96 Resp: 34480
 Ion Ratio Lower Upper
 96 100
 61 131.9 91.1 169.3
 98 63.5 42.6 79.0

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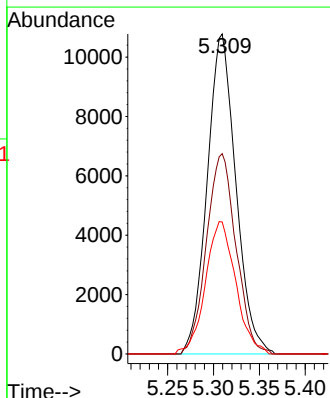
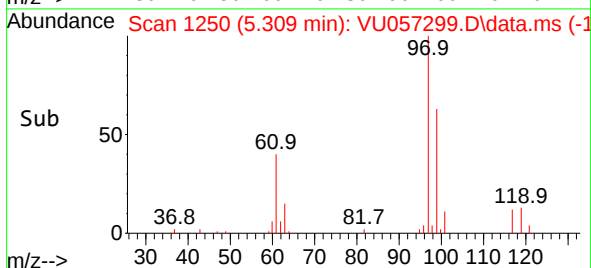
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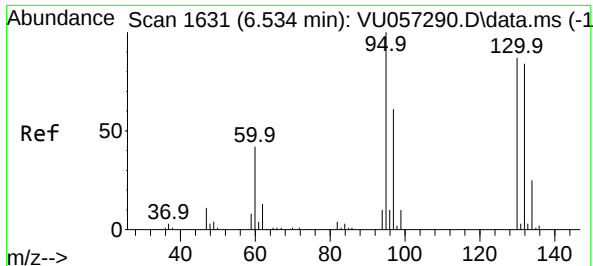


#29
 1,1,1-Trichloroethane
 Concen: 0.743 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. 0.000 min
 Lab File: VU057299.D
 Acq: 27 Dec 2023 23:53



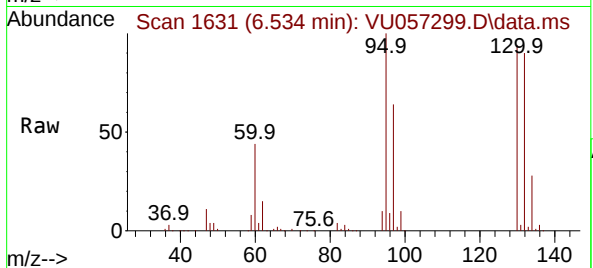
Tgt Ion: 97 Resp: 23435
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.7 77.5
 61 43.7 34.1 51.1





#34
Trichloroethene
Concen: 32.771 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU057299.D
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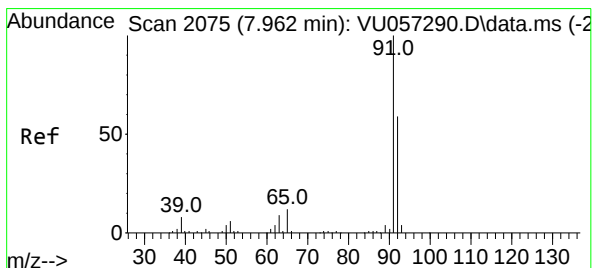
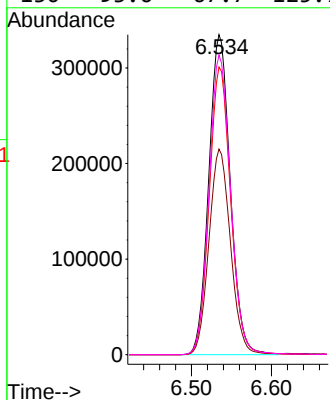
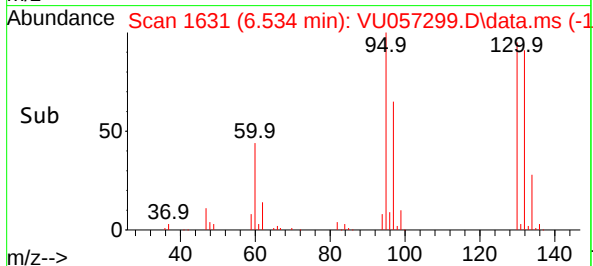
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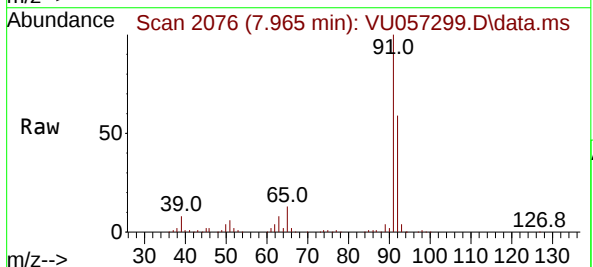
Tgt Ion: 95 Resp: 626070
Ion Ratio Lower Upper
95 100
97 64.2 45.3 84.1
132 89.9 63.1 117.3
130 93.6 67.7 125.7

Manual Integrations
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#42
Toluene
Concen: 3.341 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU057299.D
Acq: 27 Dec 2023 23:53



Tgt Ion: 91 Resp: 257855
Ion Ratio Lower Upper
91 100
92 58.8 41.6 77.2

