

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057300.D
 Acq On : 28 Dec 2023 00:18
 Operator : MD/SY
 Sample : 06021-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Z5

Manual Integrations
 APPROVED

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

Quant Time: Dec 28 01:50:28 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	246878	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	252433	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101934	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	109075	5.139	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.800%			
7) Chloroethane-d5	1.911	69	90664	5.319	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.400%			
11) 1,1-Dichloroethene-d2	2.560	65	45915	5.435	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 108.800%			
20) 2-Butanone-d5	4.640	46	237056	49.315	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.640%			
24) Chloroform-d	5.055	84	189367	5.017	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.400%			
26) 1,2-Dichloroethane-d4	5.695	65	99695	5.169	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.400%			
32) Benzene-d6	5.721	84	357543	4.969	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.400%			
36) 1,2-Dichloropropane-d6	6.685	67	117046	5.191	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.800%			
41) Toluene-d8	7.894	98	282207	4.546	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.000%			
43) trans-1,3-Dichloroprop...	8.177	79	43478	4.806	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.200%			
46) 2-Hexanone-d5	8.631	63	209227	51.059	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.120%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	93966	4.962	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.200%			
66) 1,2-Dichlorobenzene-d4	12.190	152	99868	5.380	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.600%			
Target Compounds						
5) Vinyl chloride	1.599	62	235209	11.414	ug/L	99
13) Acetone	2.663	43	42926m	13.701	ug/L	
14) Carbon disulfide	2.792	76	6600	0.143	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	6461	0.403	ug/L	88
19) 1,1-Dichloroethane	3.859	63	191735	5.698	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	68082	3.679	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	37325	1.167	ug/L	97
34) Trichloroethene	6.534	95	86486	4.463	ug/L	97
42) Toluene	7.965	91	128270	1.638	ug/L	97

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

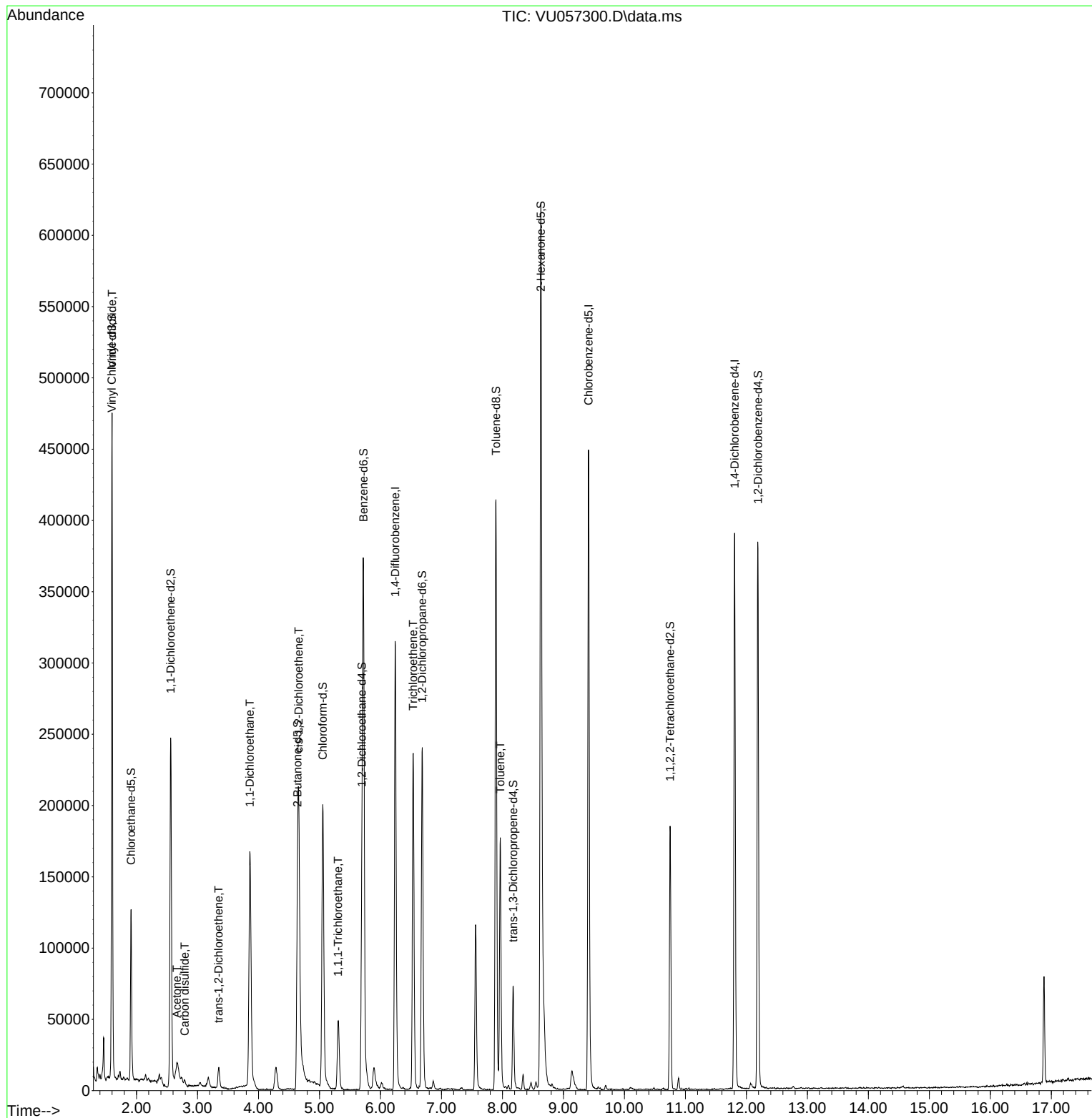
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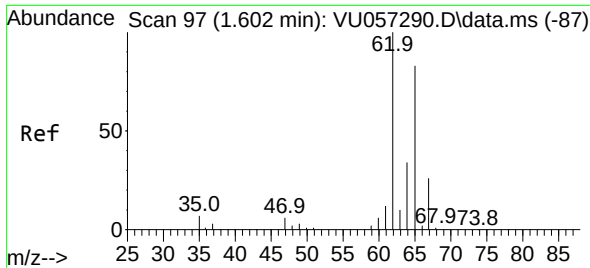
Instrument :
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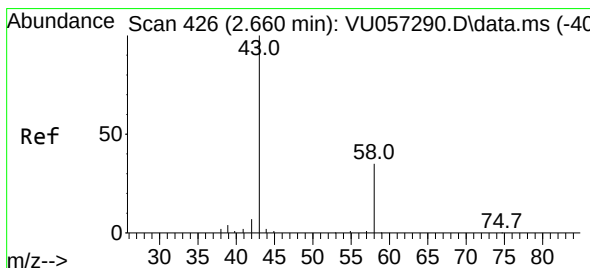
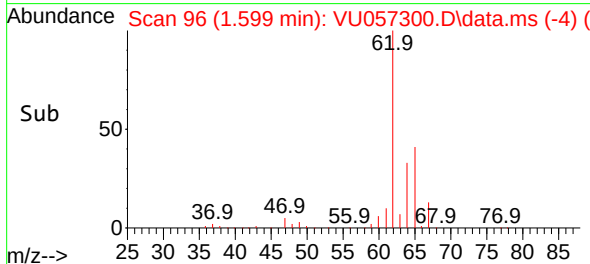
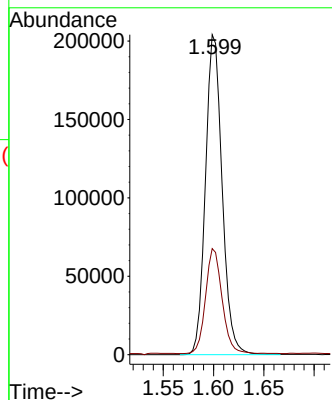
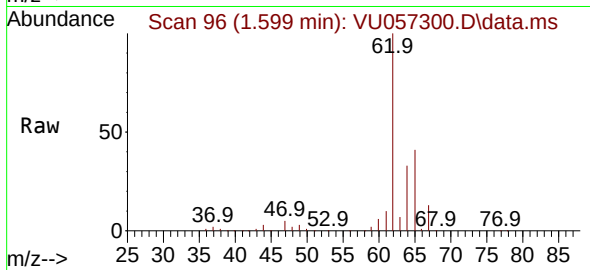
#5
 Vinyl chloride
 Concen: 11.414 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU057300.D
 Acq: 28 Dec 2023 00:18

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Z5

Tgt Ion: 62 Resp: 235209
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.8 42.4

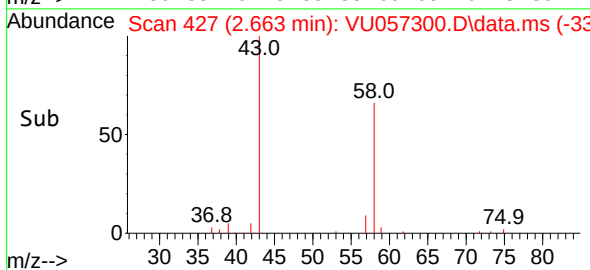
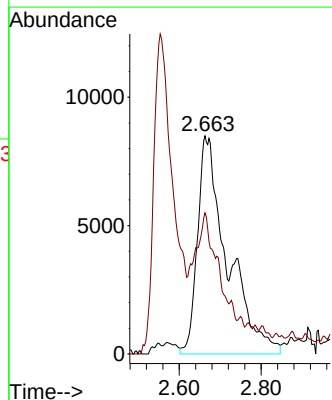
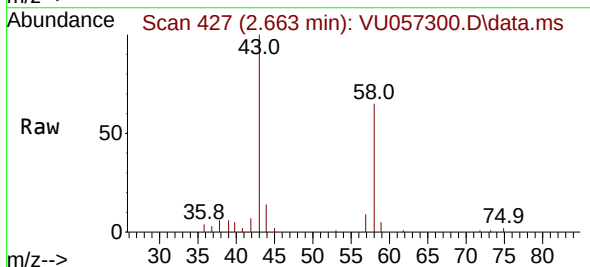
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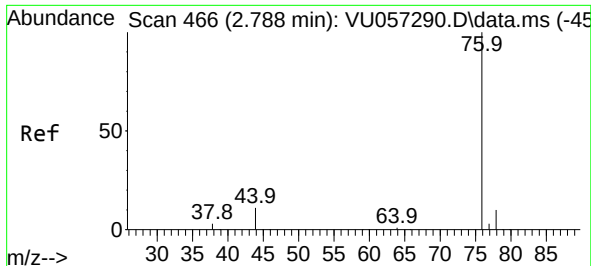
Reviewed By :John Carlone 12/29/2023
 Supervised By :Mahesh Dadoda 12/29/2023



#13
 Acetone
 Concen: 13.701 ug/L m
 RT: 2.663 min Scan# 427
 Delta R.T. 0.003 min
 Lab File: VU057300.D
 Acq: 28 Dec 2023 00:18

Tgt Ion: 43 Resp: 42926
 Ion Ratio Lower Upper
 43 100
 58 31.3 0.0 67.2





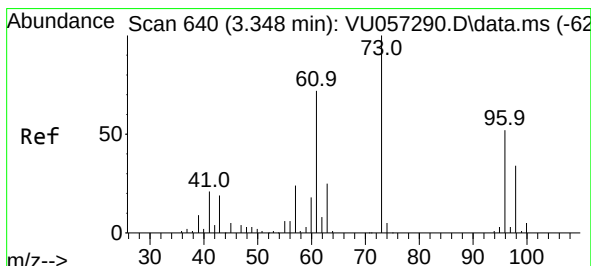
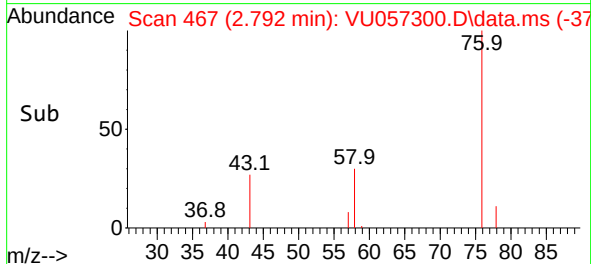
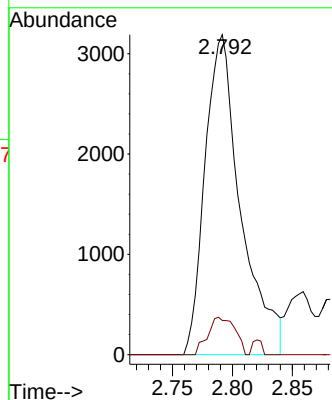
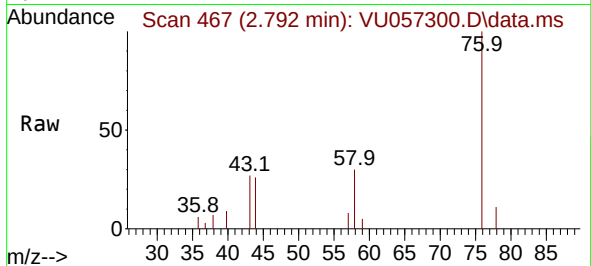
#14
Carbon disulfide
Concen: 0.143 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.003 min
Lab File: VU057300.D
Acq: 28 Dec 2023 00:18

Instrument :
MSVOA_U
ClientSampleId :
BH7Z5

Tgt Ion: 76 Resp: 6600
Ion Ratio Lower Upper
76 100
78 10.7 7.3 10.9

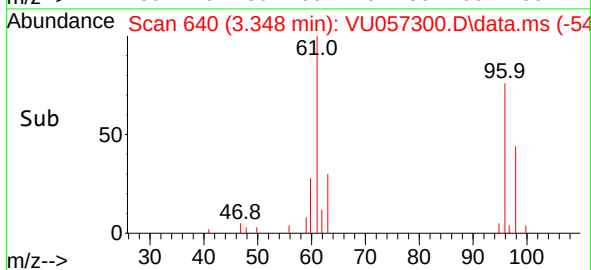
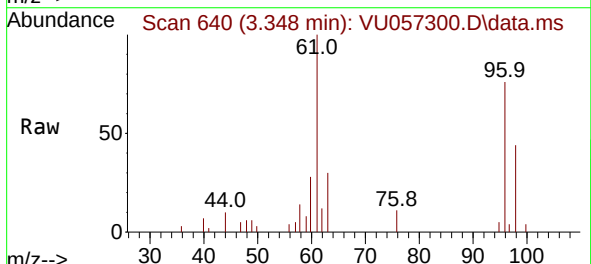
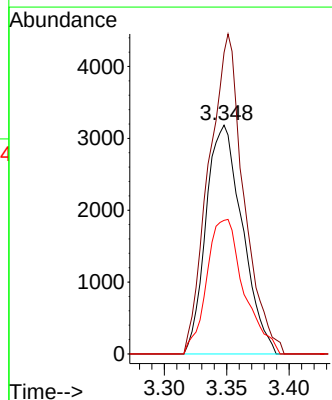
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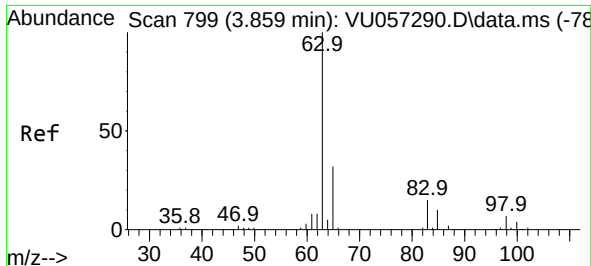
Reviewed By :John Carlone 12/29/2023
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#18
trans-1,2-Dichloroethene
Concen: 0.403 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU057300.D
Acq: 28 Dec 2023 00:18

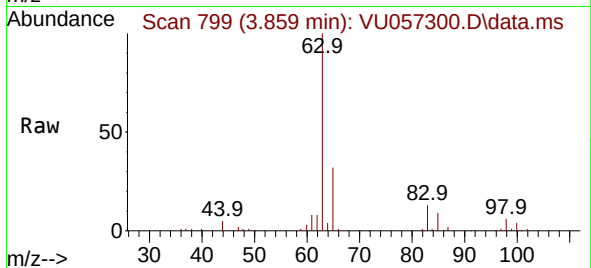
Tgt Ion: 96 Resp: 6461
Ion Ratio Lower Upper
96 100
61 125.0 97.5 181.1
98 55.5 45.9 85.3





#19
1,1-Dichloroethane
Concen: 5.698 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU057300.D
Acq: 28 Dec 2023 00:18

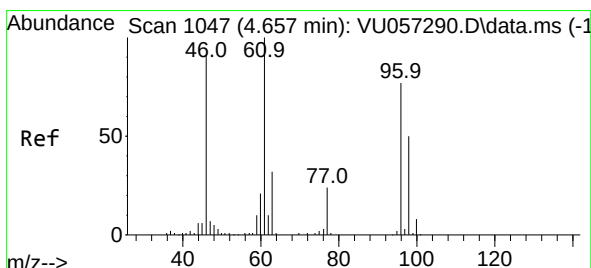
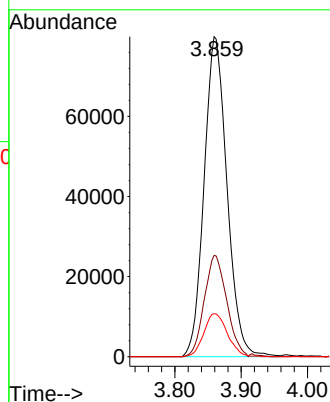
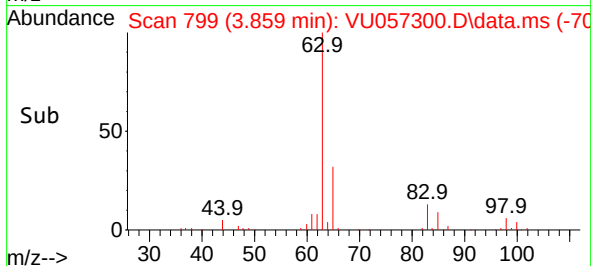
Instrument :
MSVOA_U
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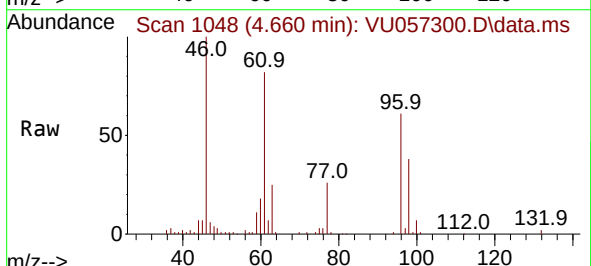
Tgt Ion: 63 Resp: 191735
Ion Ratio Lower Upper
63 100
65 31.7 23.6 43.8
83 13.5 9.8 18.2

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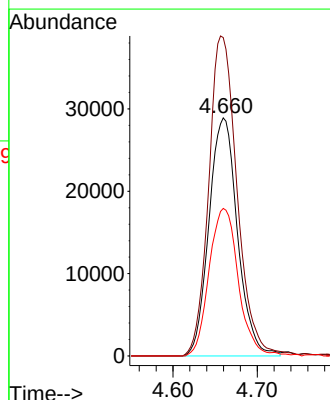
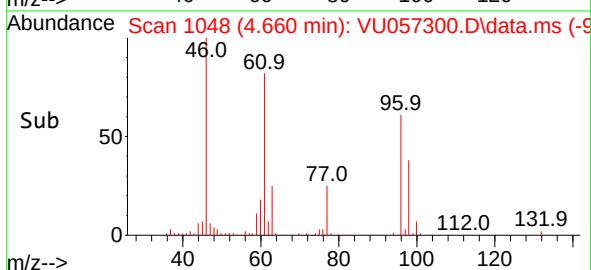
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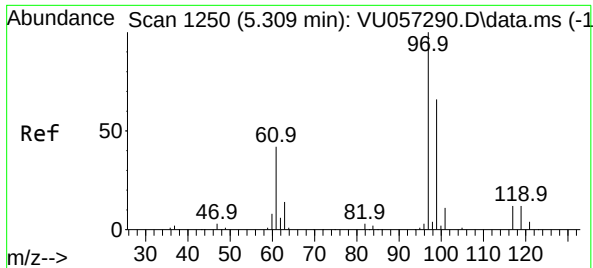


#22
cis-1,2-Dichloroethene
Concen: 3.679 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU057300.D
Acq: 28 Dec 2023 00:18



Tgt Ion: 96 Resp: 68082
Ion Ratio Lower Upper
96 100
61 133.8 91.1 169.3
98 62.0 42.6 79.0





#29

1,1,1-Trichloroethane

Concen: 1.167 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.003 min

Lab File: VU057300.D

Acq: 28 Dec 2023 00:18

Instrument :

MSVOA_U

ClientSampleId :

BH7Z5

Tgt Ion: 97 Resp: 3732

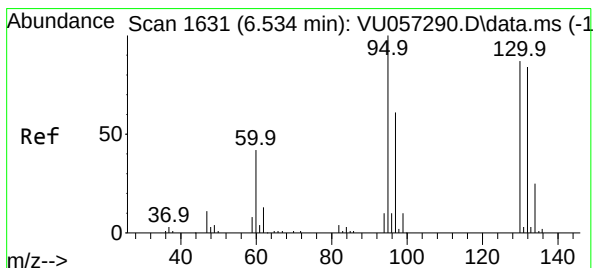
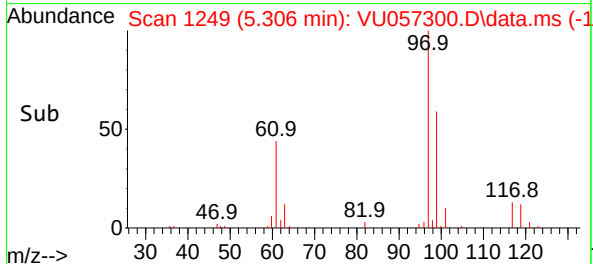
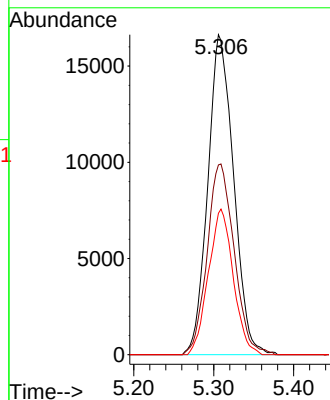
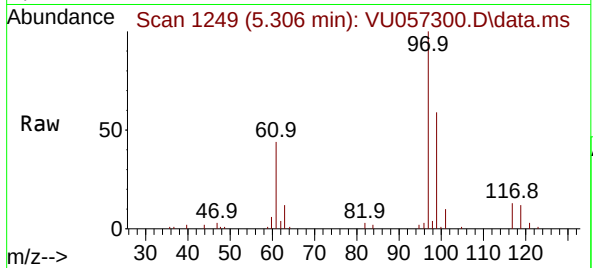
Ion	Ratio	Lower	Upper
97	100		
99	62.3	51.7	77.5
61	43.8	34.1	51.1

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#34

Trichloroethene

Concen: 4.463 ug/L

RT: 6.534 min Scan# 1631

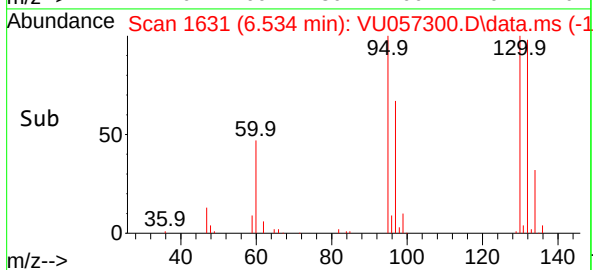
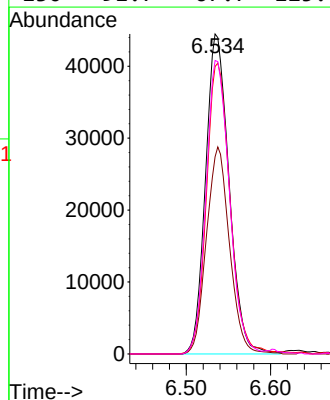
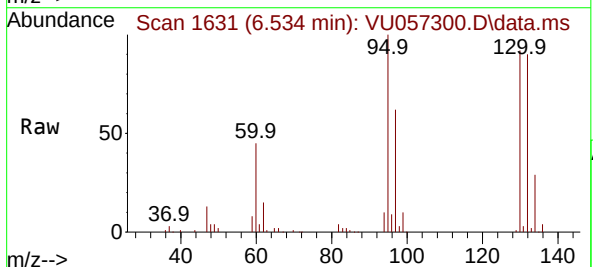
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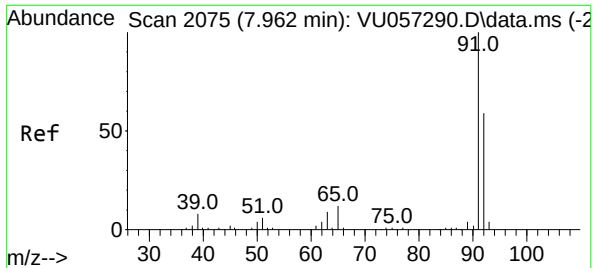
Lab File: VU057300.D

Acq: 28 Dec 2023 00:18

Tgt Ion: 95 Resp: 86486

Ion	Ratio	Lower	Upper
95	100		
97	61.6	45.3	84.1
132	89.8	63.1	117.3
130	91.7	67.7	125.7





#42
Toluene
Concen: 1.638 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
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ClientSampleId :
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Tgt Ion: 91 Resp: 128270
Ion Ratio Lower Upper
91 100
92 57.4 41.6 77.2

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