

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057301.D
 Acq On : 28 Dec 2023 00:42
 Operator : MD/SY
 Sample : 06021-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Z1

Manual Integrations
 APPROVED

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

Quant Time: Dec 28 01:50:44 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	247146	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	246761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	101470	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	111663	5.256	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	105.200%	
7) Chloroethane-d5	1.911	69	93200	5.461	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	109.200%	
11) 1,1-Dichloroethene-d2	2.560	65	45878	5.425	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	108.600%	
20) 2-Butanone-d5	4.638	46	281769	58.553	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.100%	
24) Chloroform-d	5.056	84	197886	5.237	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.800%	
26) 1,2-Dichloroethane-d4	5.695	65	105407	5.459	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.200%	
32) Benzene-d6	5.721	84	368043	5.232	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.600%	
36) 1,2-Dichloropropane-d6	6.682	67	124149	5.632	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	112.600%	
41) Toluene-d8	7.891	98	300335	4.949	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
43) trans-1,3-Dichloroprop...	8.178	79	45937	5.194	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	103.800%	
46) 2-Hexanone-d5	8.631	63	218748	54.609	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.220%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	101688	5.493	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	104598	5.661	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	113.200%	
Target Compounds						
5) Vinyl chloride	1.599	62	64994	3.150	ug/L	96
12) 1,1-Dichloroethene	2.570	96	6207	0.384	ug/L #	1
13) Acetone	2.660	43	17334m	5.527	ug/L	
14) Carbon disulfide	2.785	76	9606	0.209	ug/L #	94
19) 1,1-Dichloroethane	3.866	63	21845	0.649	ug/L #	90
22) cis-1,2-Dichloroethene	4.657	96	75288	4.063	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	192423	6.157	ug/L	99
34) Trichloroethene	6.535	95	1124530	59.363	ug/L	98
42) Toluene	7.965	91	19433	0.254	ug/L	97

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

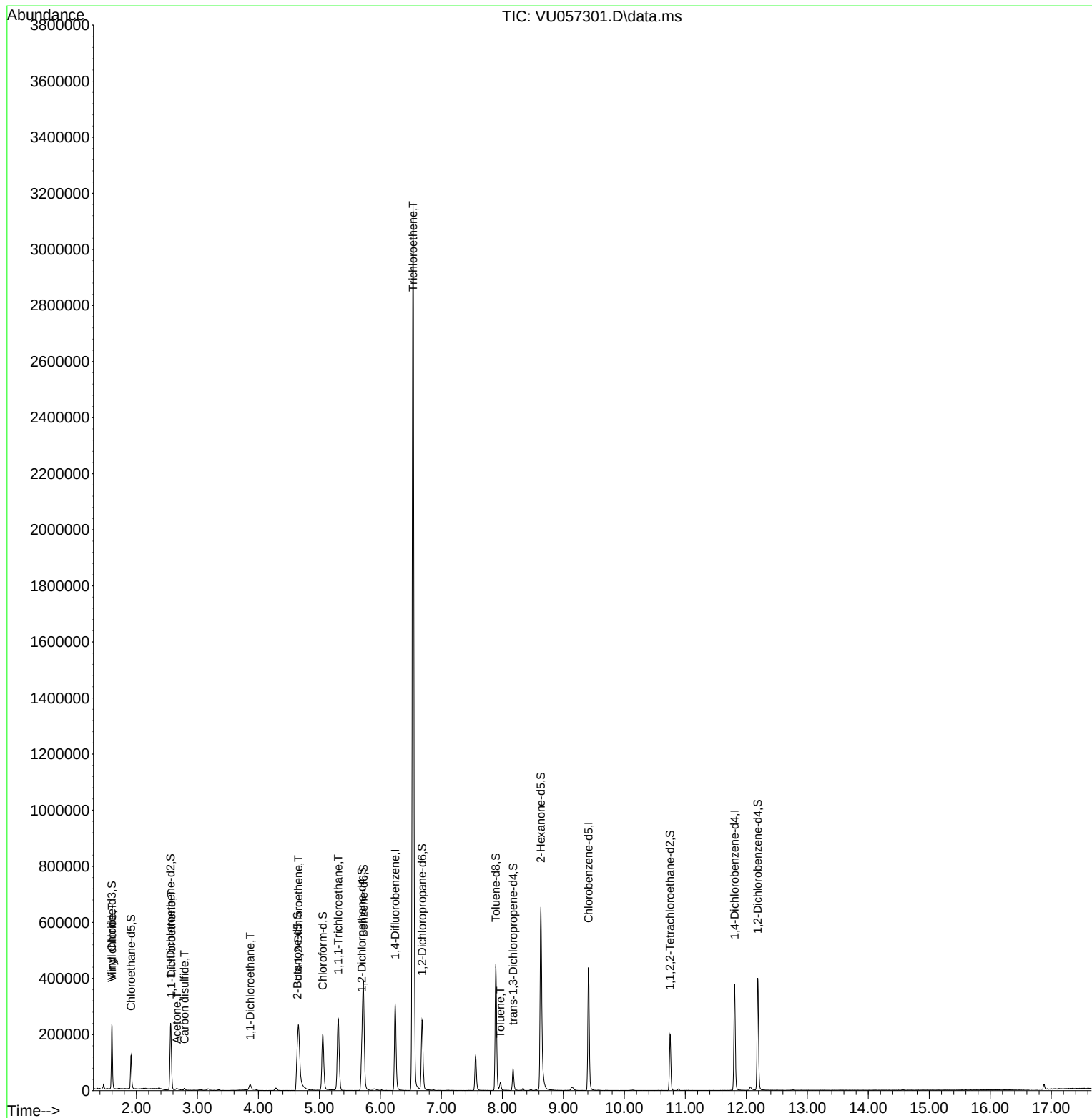
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
Data File : VU057301.D
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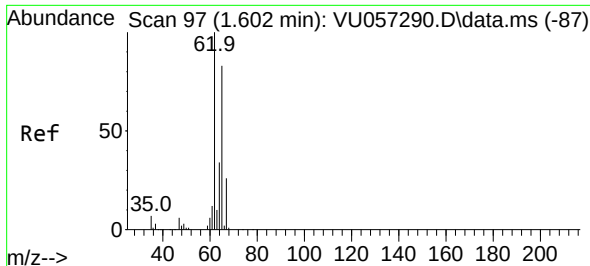
Instrument :
MSVOA_U
ClientSampleId :
BH7Z1

Quant Time: Dec 28 01:50:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
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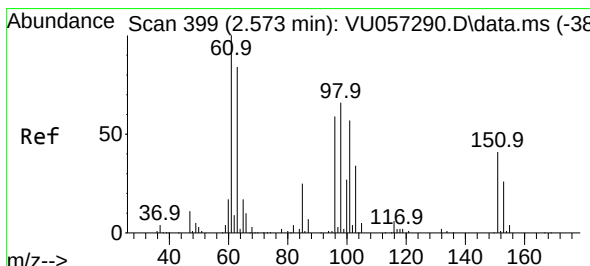
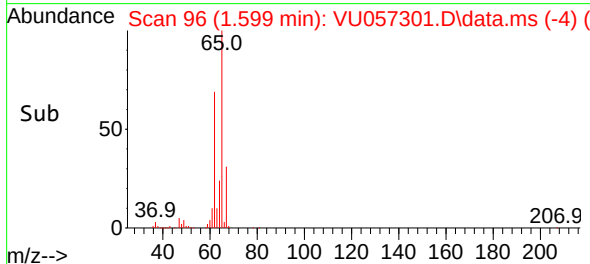
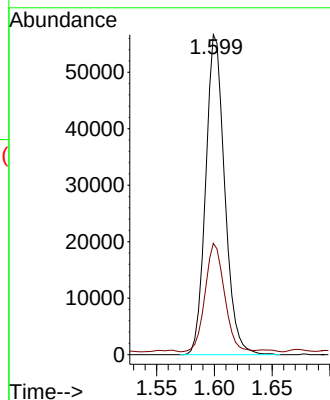
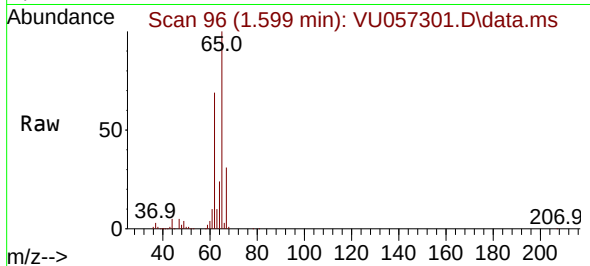
#5
 Vinyl chloride
 Concen: 3.150 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU057301.D
 Acq: 28 Dec 2023 00:42

Instrument :
 MSVOA_U
 Client Sample Id :
 BH7Z1

Tgt Ion: 62 Resp: 64994
 Ion Ratio Lower Upper
 62 100
 64 34.8 22.8 42.4

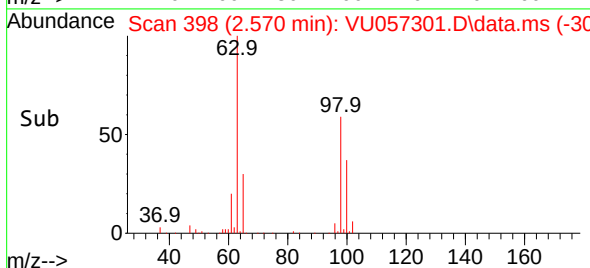
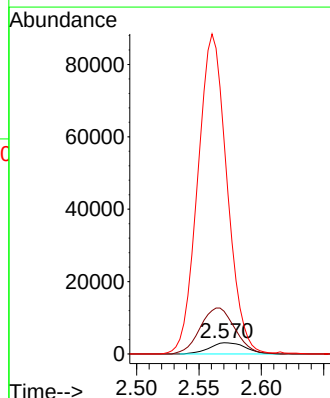
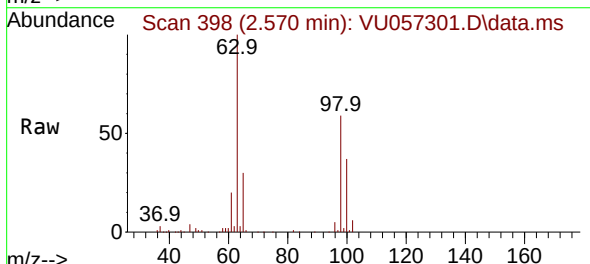
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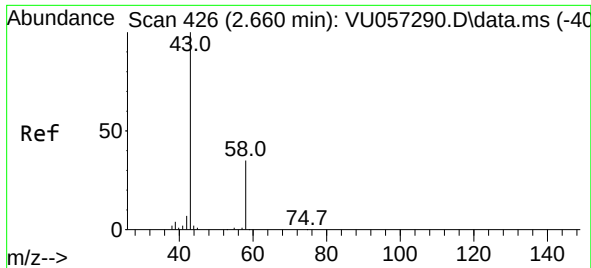
Reviewed By :John Carlone 12/29/2023
 Supervised By :Mahesh Dadoda 12/29/2023



#12
 1,1-Dichloroethene
 Concen: 0.384 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU057301.D
 Acq: 28 Dec 2023 00:42

Tgt Ion: 96 Resp: 6207
 Ion Ratio Lower Upper
 96 100
 61 381.7 122.2 226.9#
 63 1911.7 99.2 184.2#





#13

Acetone

Concen: 5.527 ug/L m

RT: 2.660 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU057301.D

Acq: 28 Dec 2023 00:42

Instrument :

MSVOA_U

ClientSampleId :

BH7Z1

Tgt Ion: 43 Resp: 17334

Ion Ratio Lower Upper

43 100

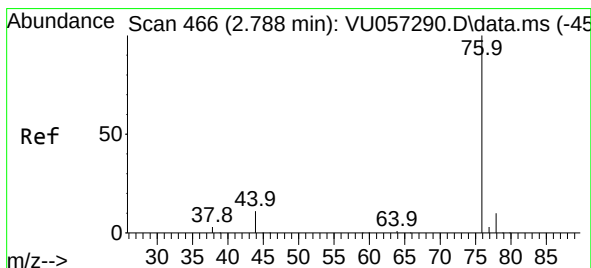
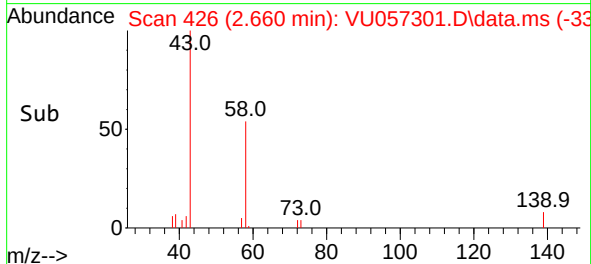
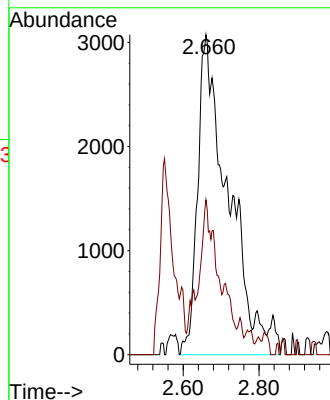
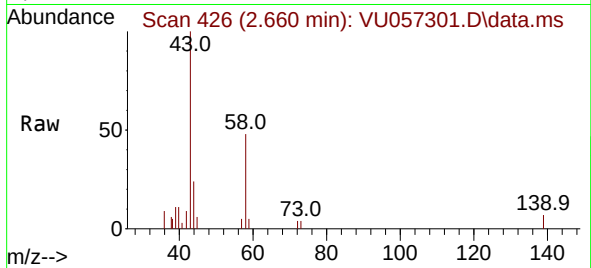
58 7.0 0.0 67.2

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#14

Carbon disulfide

Concen: 0.209 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU057301.D

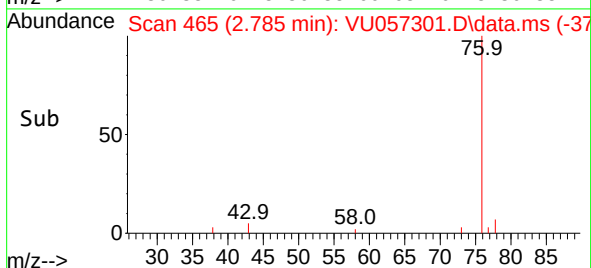
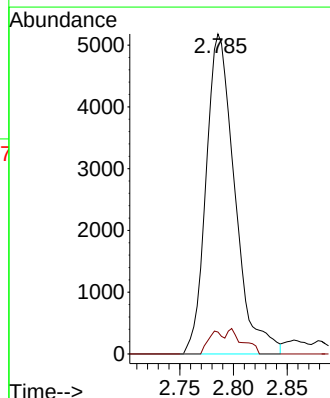
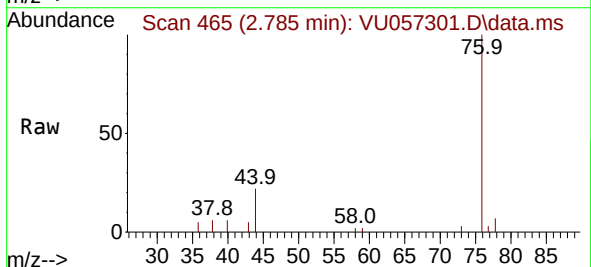
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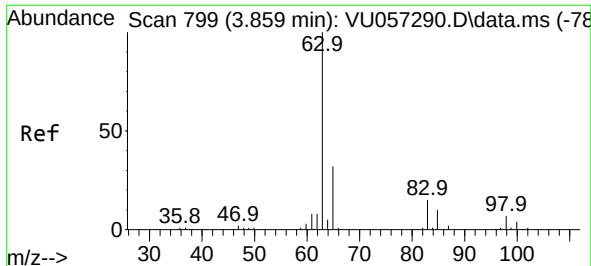
Tgt Ion: 76 Resp: 9606

Ion Ratio Lower Upper

76 100

78 6.8 7.3 10.9#





#19

1,1-Dichloroethane

Concen: 0.649 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.007 min

Lab File: VU057301.D

Acq: 28 Dec 2023 00:42

Instrument :

MSVOA_U

ClientSampleId :

BH7Z1

Tgt Ion: 63 Resp: 2184

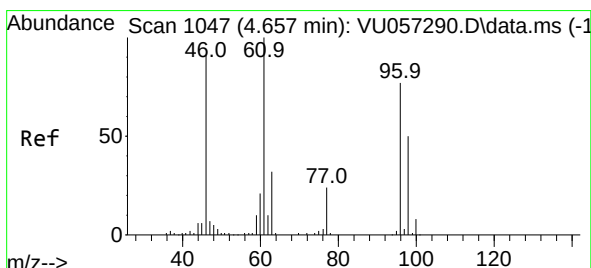
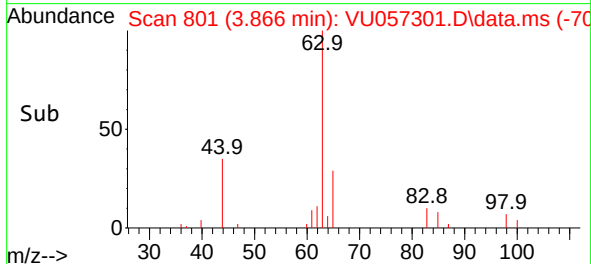
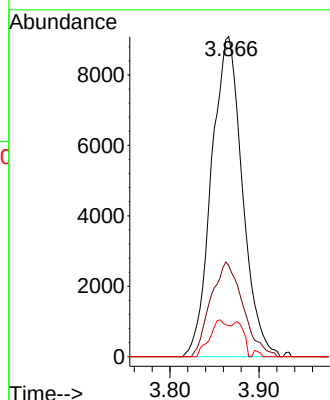
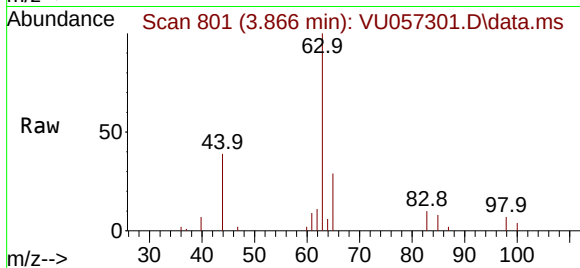
Ion	Ratio	Lower	Upper
63	100		
65	28.5	23.6	43.8
83	9.7	9.8	18.2

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#22

cis-1,2-Dichloroethene

Concen: 4.063 ug/L

RT: 4.657 min Scan# 1047

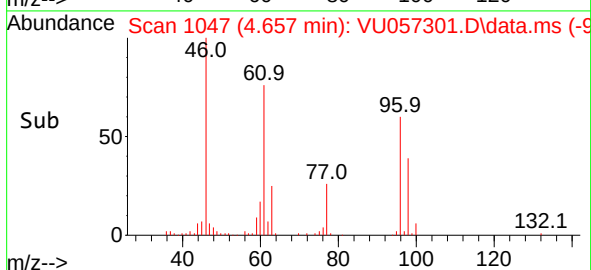
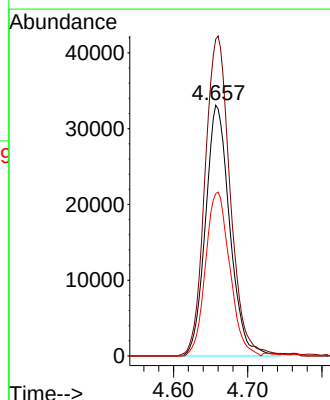
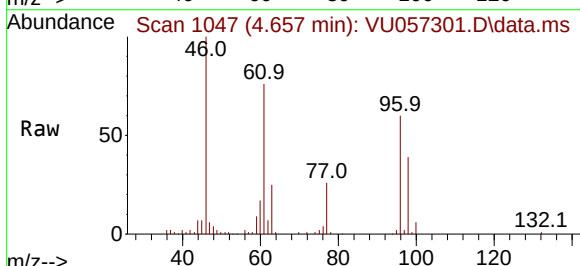
Delta R.T. 0.000 min

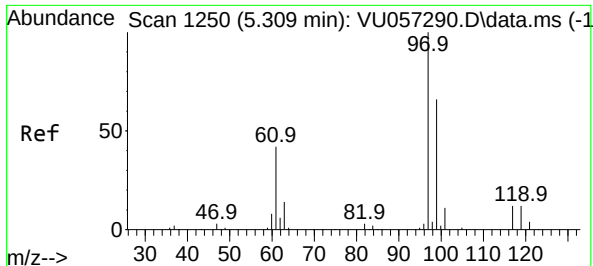
Lab File: VU057301.D

Acq: 28 Dec 2023 00:42

Tgt Ion: 96 Resp: 75288

Ion	Ratio	Lower	Upper
96	100		
61	126.3	91.1	169.3
98	64.7	42.6	79.0





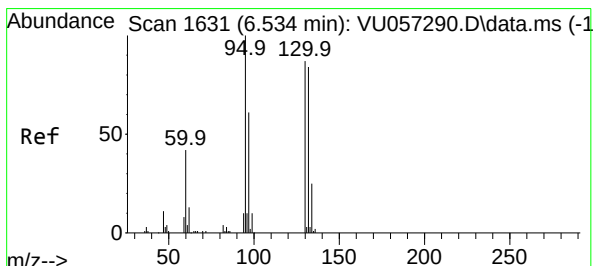
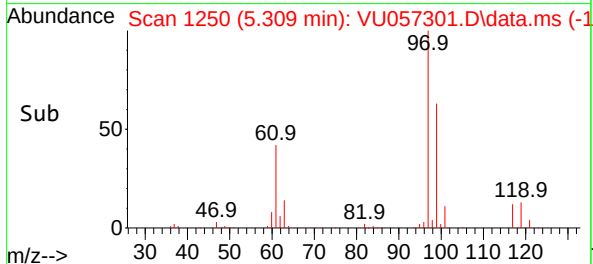
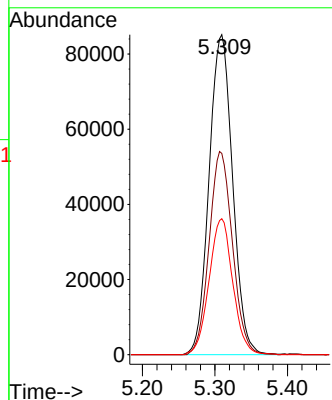
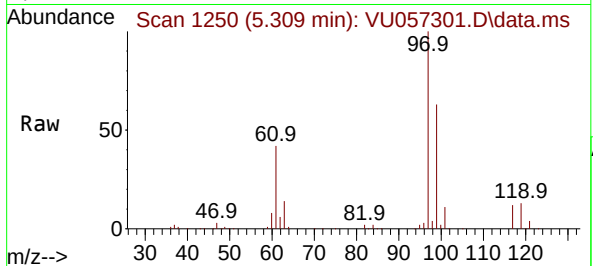
#29
1,1,1-Trichloroethane
Concen: 6.157 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU057301.D
Acq: 28 Dec 2023 00:42

Instrument :
MSVOA_U
ClientSampleId :
BH7Z1

Tgt Ion: 97 Resp: 19242
Ion Ratio Lower Upper
97 100
99 63.0 51.7 77.5
61 42.9 34.1 51.1

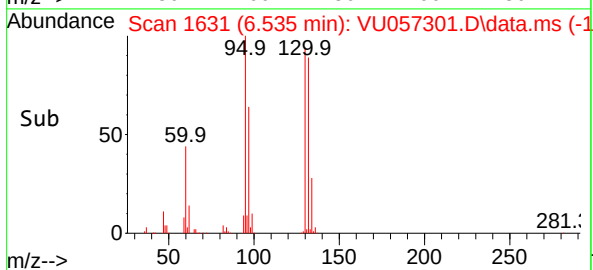
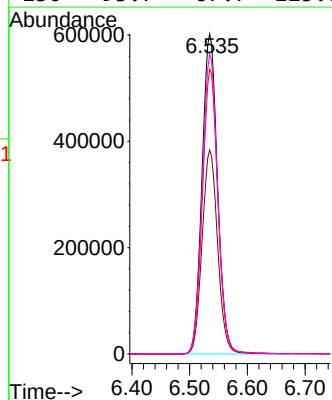
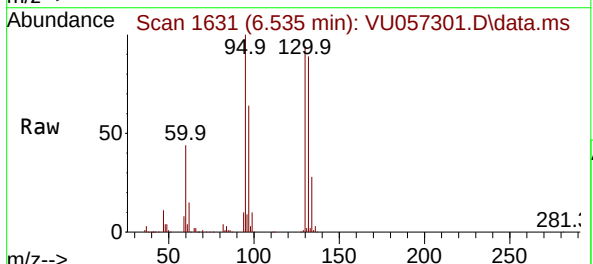
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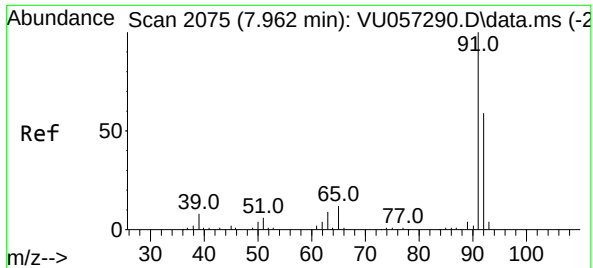
Reviewed By :John Carlone 12/29/2023
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#34
Trichloroethene
Concen: 59.363 ug/L
RT: 6.535 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU057301.D
Acq: 28 Dec 2023 00:42

Tgt Ion: 95 Resp: 1124530
Ion Ratio Lower Upper
95 100
97 63.7 45.3 84.1
132 89.0 63.1 117.3
130 93.7 67.7 125.7





#42
Toluene
Concen: 0.254 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU057301.D
Acq: 28 Dec 2023 00:42

Instrument :
MSVOA_U
ClientSampleId :
BH7Z1

Tgt Ion: 91 Resp: 1943
Ion Ratio Lower Upper
91 100
92 57.4 41.6 77.2

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