

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057298.D
 Acq On : 27 Dec 2023 23:29
 Operator : MD/SY
 Sample : 06021-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Z3

Manual Integrations
 APPROVED

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

Quant Time: Dec 28 01:49:58 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	249484	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.412	117	248039	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.807	152	101150	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.595	65	116614	5.437	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130		Recovery	= 108.800%		
7) Chloroethane-d5		1.911	69	98541	5.720	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130		Recovery	= 114.400%		
11) 1,1-Dichloroethene-d2		2.560	65	45959	5.384	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125		Recovery	= 107.600%		
20) 2-Butanone-d5		4.637	46	278446	57.321	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130		Recovery	= 114.640%		
24) Chloroform-d		5.055	84	206288	5.409	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	= 108.200%		
26) 1,2-Dichloroethane-d4		5.695	65	109472	5.616	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	= 112.400%		
32) Benzene-d6		5.721	84	384710	5.441	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	= 108.800%		
36) 1,2-Dichloropropane-d6		6.682	67	129143	5.829	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140		Recovery	= 116.600%		
41) Toluene-d8		7.891	98	309519	5.074	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	= 101.400%		
43) trans-1,3-Dichloroprop...		8.174	79	47276	5.318	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130		Recovery	= 106.400%		
46) 2-Hexanone-d5		8.631	63	229074	56.893	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130		Recovery	= 113.780%		
56) 1,1,2,2-Tetrachloroeth...		10.749	84	102512	5.509	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120		Recovery	= 110.200%		
66) 1,2-Dichlorobenzene-d4		12.190	152	107490	5.836	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120		Recovery	= 116.800%		
Target Compounds							Qvalue
5) Vinyl chloride		1.602	62	155355	7.460	ug/L	100
12) 1,1-Dichloroethene		2.566	96	3541	0.217	ug/L	# 1
13) Acetone		2.663	43	48317m	15.261	ug/L	
19) 1,1-Dichloroethane		3.865	63	37382	1.099	ug/L	91
22) cis-1,2-Dichloroethene		4.660	96	216200	11.560	ug/L	98
34) Trichloroethene		6.534	95	440515	23.135	ug/L	98
42) Toluene		7.965	91	72846	0.947	ug/L	99

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

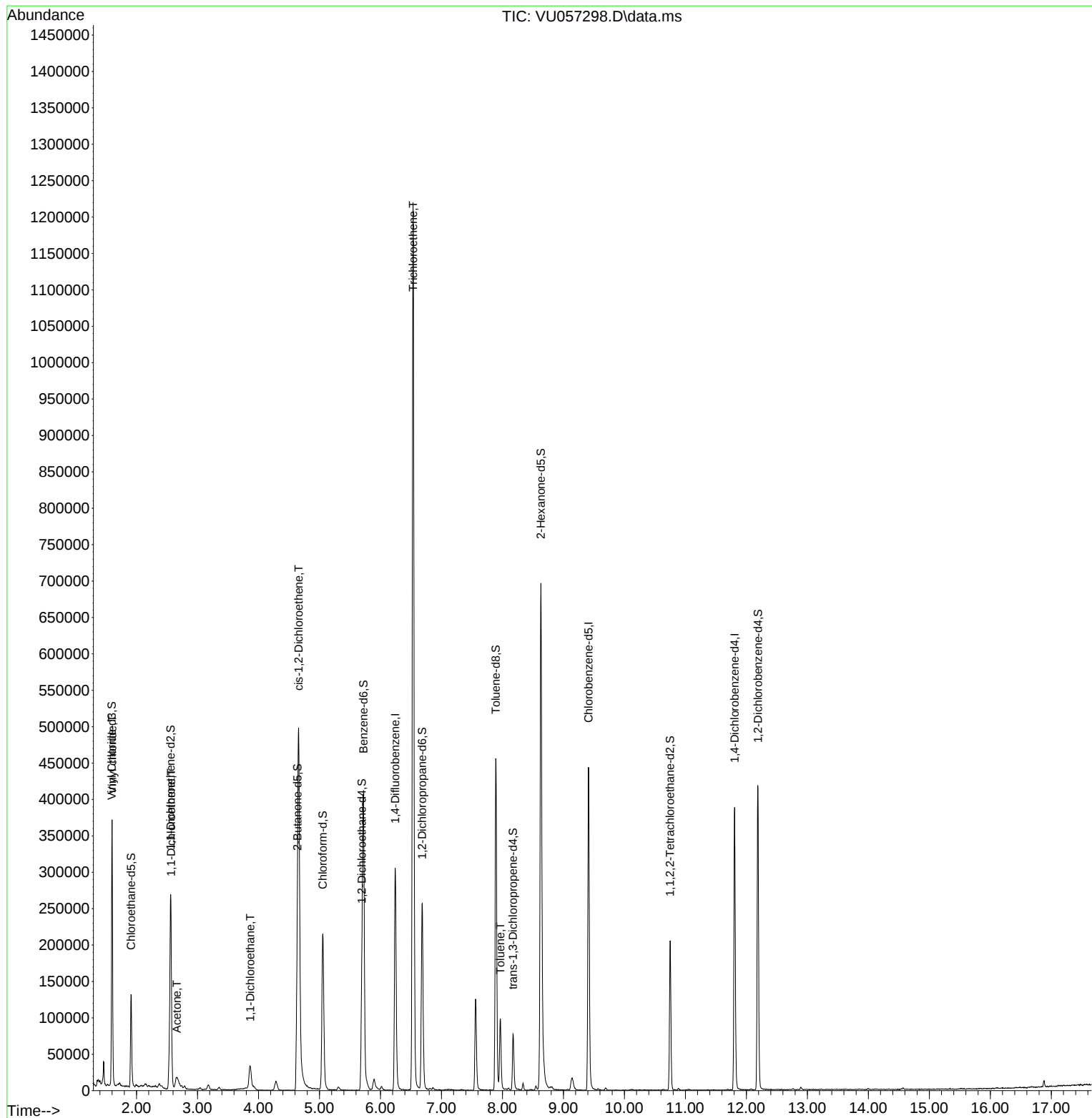
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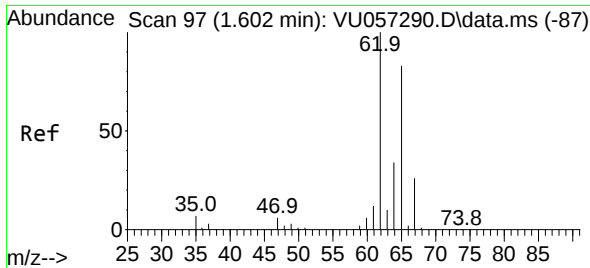
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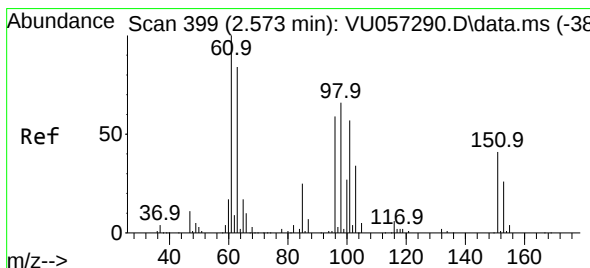
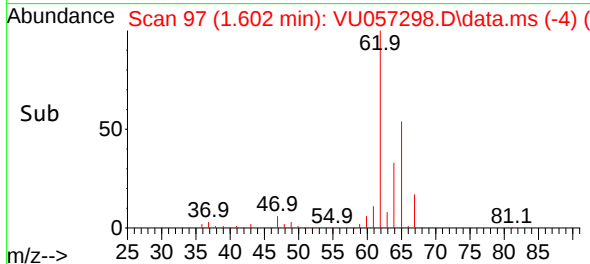
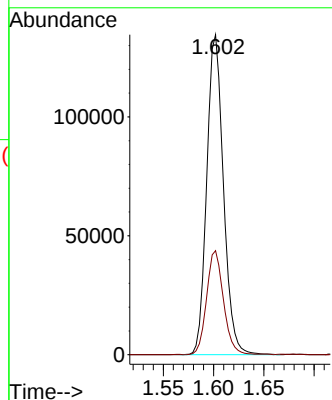
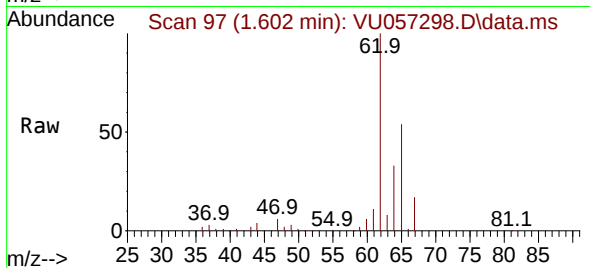
#5
 Vinyl chloride
 Concen: 7.460 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU057298.D
 Acq: 27 Dec 2023 23:29

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Z3

Tgt Ion: 62 Resp: 15535
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.8 42.4

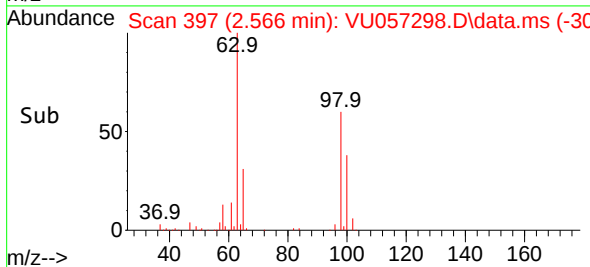
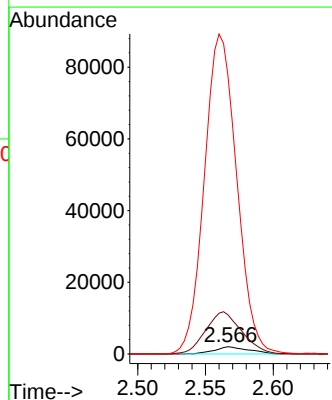
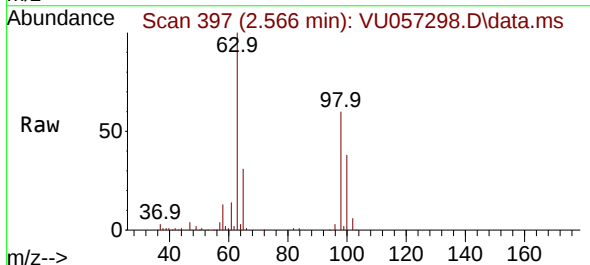
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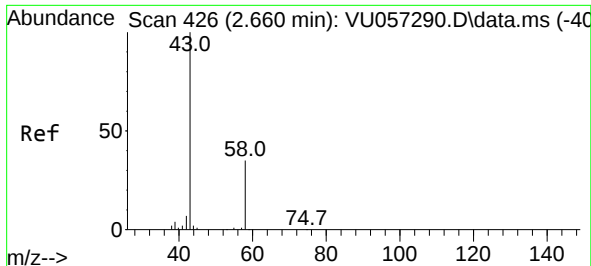
Reviewed By :John Carlone 12/29/2023
 Supervised By :Mahesh Dadoda 12/29/2023



#12
 1,1-Dichloroethene
 Concen: 0.217 ug/L
 RT: 2.566 min Scan# 397
 Delta R.T. -0.007 min
 Lab File: VU057298.D
 Acq: 27 Dec 2023 23:29

Tgt Ion: 96 Resp: 3541
 Ion Ratio Lower Upper
 96 100
 61 545.7 122.2 226.9#
 63 3886.9 99.2 184.2#





#13

Acetone

Concen: 15.261 ug/L m

RT: 2.663 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU057298.D

Acq: 27 Dec 2023 23:29

Instrument :

MSVOA_U

ClientSampleId :

BH7Z3

Tgt Ion: 43 Resp: 4831

Ion Ratio Lower Upper

43 100

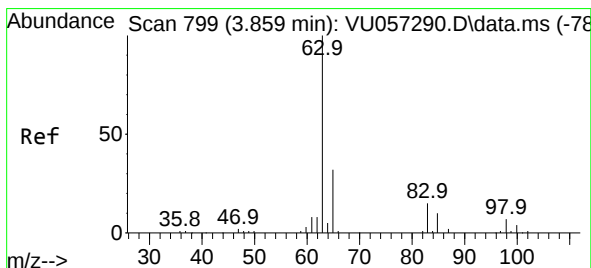
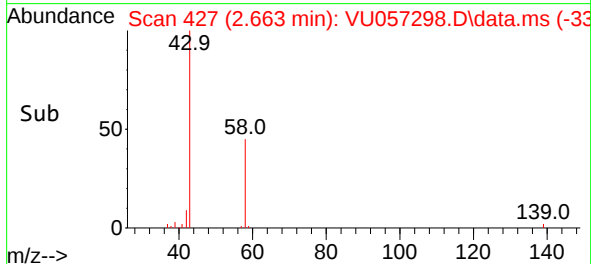
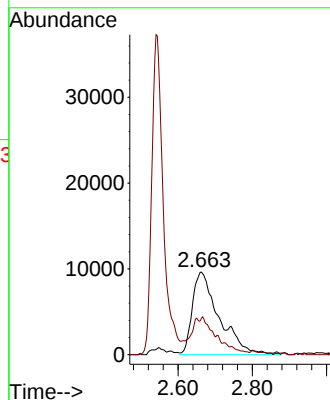
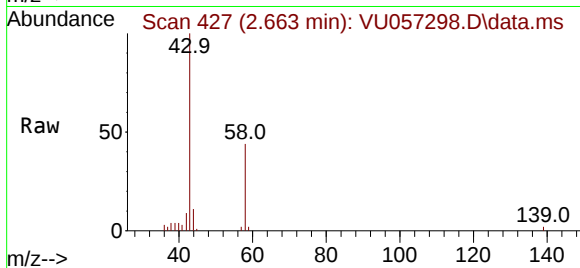
58 7.1 0.0 67.2

Manual Integrations

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#19

1,1-Dichloroethane

Concen: 1.099 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.006 min

Lab File: VU057298.D

Acq: 27 Dec 2023 23:29

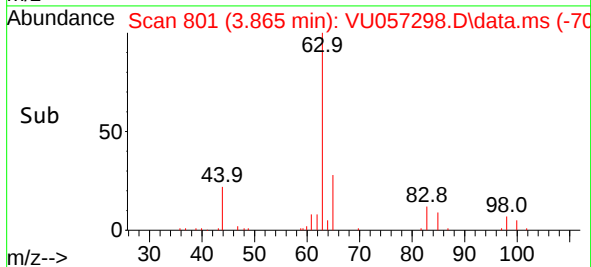
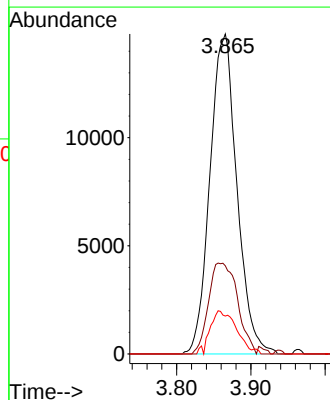
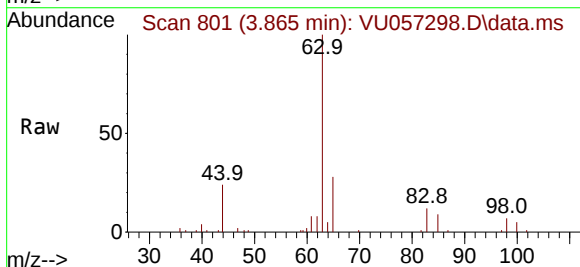
Tgt Ion: 63 Resp: 37382

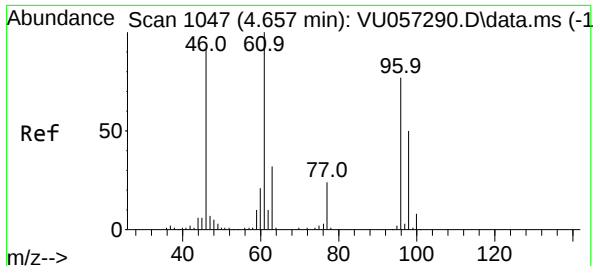
Ion Ratio Lower Upper

63 100

65 27.6 23.6 43.8

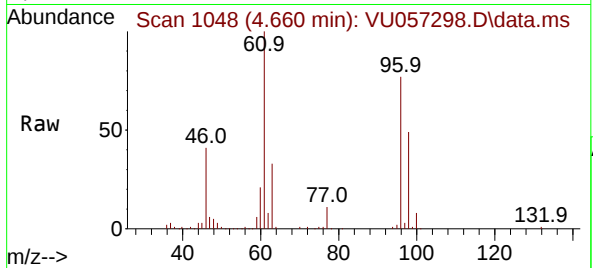
83 11.9 9.8 18.2





#22
cis-1,2-Dichloroethene
Concen: 11.560 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU057298.D
Acq: 27 Dec 2023 23:29

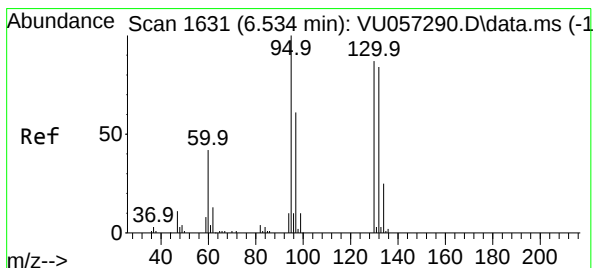
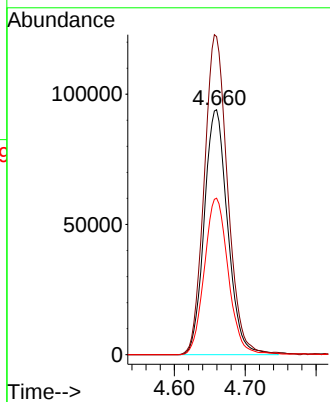
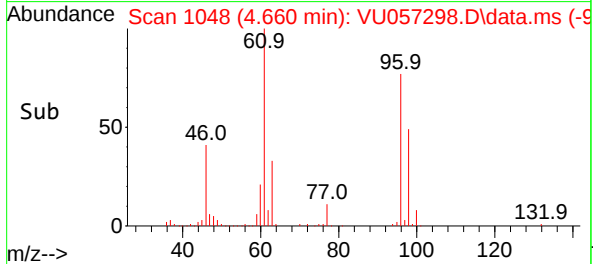
Instrument :
MSVOA_U
ClientSampleId :
BH7Z3



Tgt Ion: 96 Resp: 216200
Ion Ratio Lower Upper
96 100
61 129.8 91.1 169.3
98 63.9 42.6 79.0

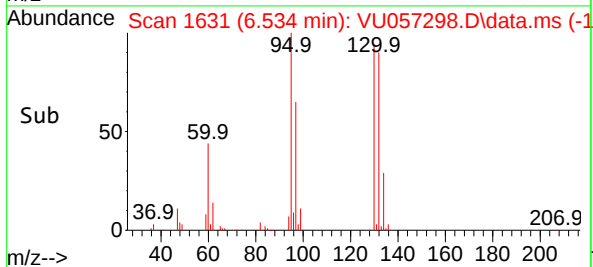
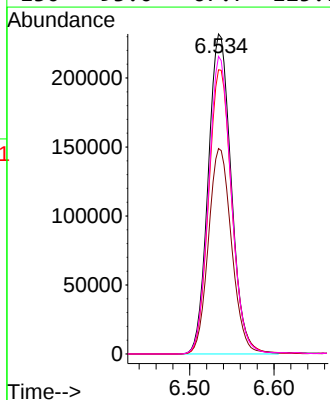
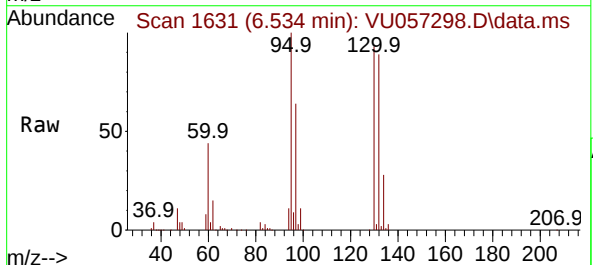
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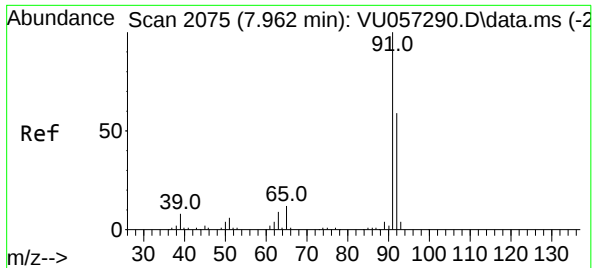
Reviewed By :John Carlone 12/29/2023
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#34
Trichloroethene
Concen: 23.135 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU057298.D
Acq: 27 Dec 2023 23:29

Tgt Ion: 95 Resp: 440515
Ion Ratio Lower Upper
95 100
97 64.2 45.3 84.1
132 88.8 63.1 117.3
130 93.0 67.7 125.7





#42

Toluene

Concen: 0.947 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU057298.D

Acq: 27 Dec 2023 23:29

Instrument :

MSVOA_U

ClientSampleId :

BH7Z3

Tgt Ion: 91 Resp: 7284

Ion Ratio Lower Upper

91 100

92 58.3 41.6 77.2

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