

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052082.D
 Acq On : 23 Nov 2022 10:37
 Operator : JC/MD
 Sample : N5760-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL20

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2022
 Supervised By : Mahesh Dadoda 11/25/2022

Quant Time: Nov 24 08:58:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 05:20:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	216051	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	218882	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	82163	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	98922	4.707	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.200%	
7) Chloroethane-d5	1.912	69	80551	4.935	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.600%	
11) 1,1-Dichloroethene-d2	2.568	65	34766	4.615	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.400%	
20) 2-Butanone-d5	4.616	46	211121	55.423	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.840%	
24) Chloroform-d	5.060	84	167088	5.411	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.200%	
26) 1,2-Dichloroethane-d4	5.700	65	84475	5.416	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.400%	
32) Benzene-d6	5.726	84	344225	5.297	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.000%	
36) 1,2-Dichloropropane-d6	6.690	67	109831	5.461	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.200%	
41) Toluene-d8	7.896	98	273702	4.655	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
43) trans-1,3-Dichloroprop...	8.179	79	37252	5.083	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	101.600%	
46) 2-Hexanone-d5	8.629	63	165003	53.129	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.260%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	94855	5.440	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	99652	6.335	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	126.600%#	
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	383058	16.303	ug/L	98
8) Chloroethane	1.935	64	2262	0.155	ug/L #	83
12) 1,1-Dichloroethene	2.581	96	47841	3.052	ug/L	95
18) trans-1,2-Dichloroethene	3.353	96	79521	4.733	ug/L	95
19) 1,1-Dichloroethane	3.870	63	3298	0.109	ug/L #	93
22) cis-1,2-Dichloroethene	4.665	96	3025811	171.608	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	23354	0.962	ug/L	97
34) Trichloroethene	6.536	95	22377686m	1259.483	ug/L	
42) Toluene	7.967	91	172642	2.356	ug/L	98
53) m,p-Xylene	9.693	106	3590	0.130	ug/L	96

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

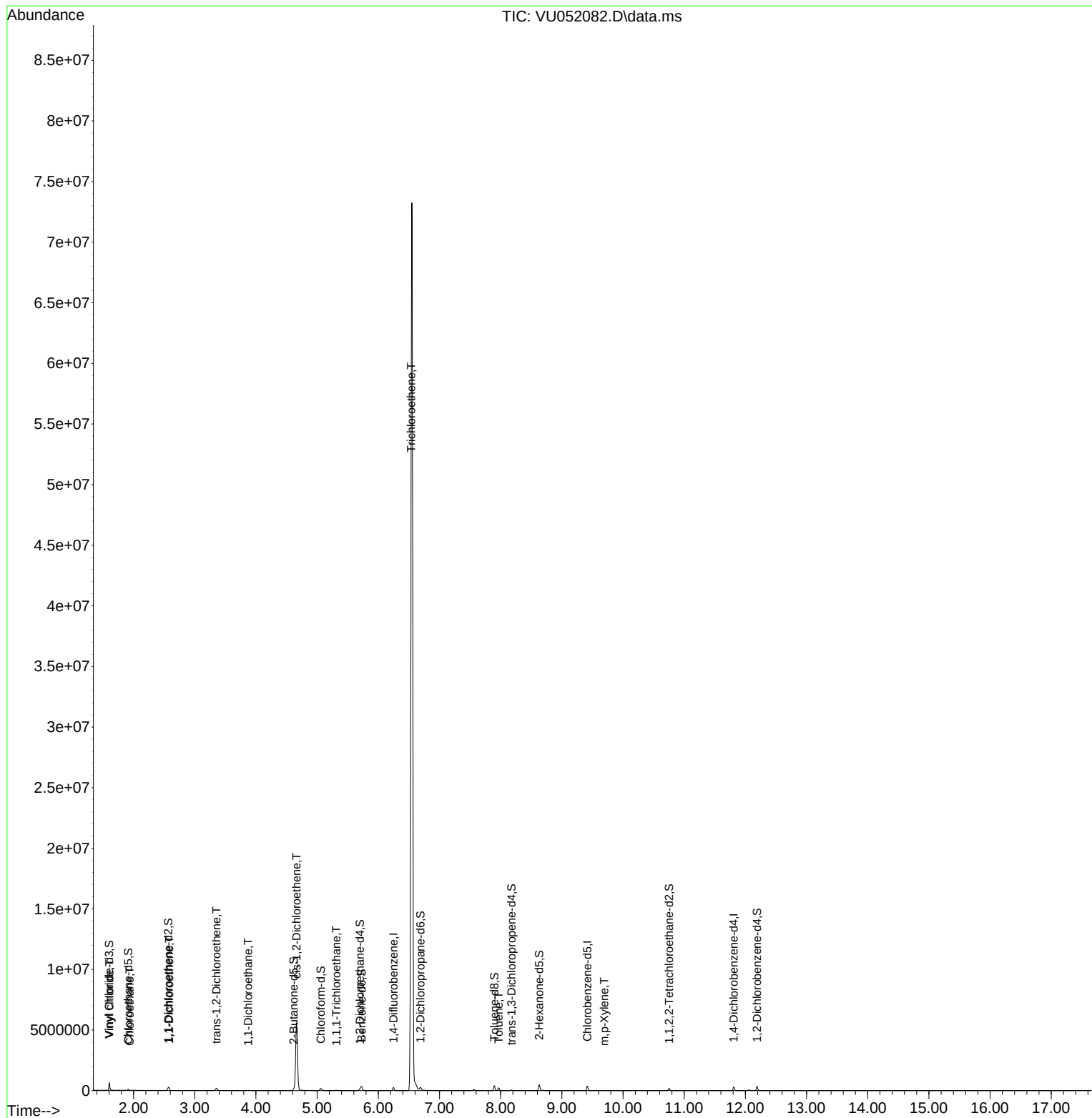
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
Data File : VU052082.D
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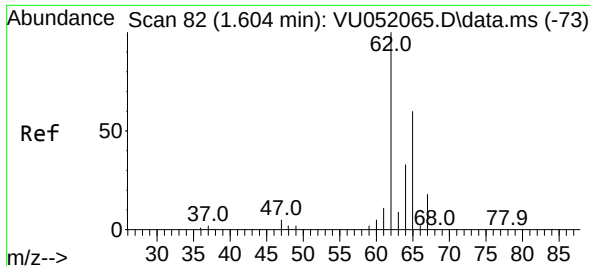
Instrument :
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Quant Time: Nov 24 08:58:03 2022
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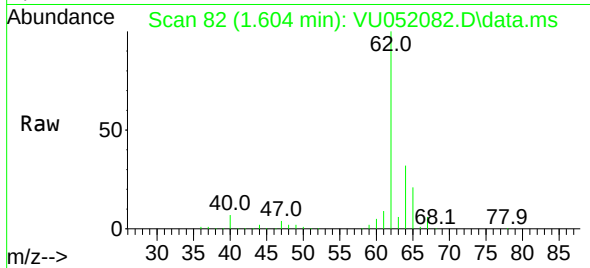
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/25/2022





#5
 Vinyl chloride
 Concen: 16.303 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052082.D
 Acq: 23 Nov 2022 10:37

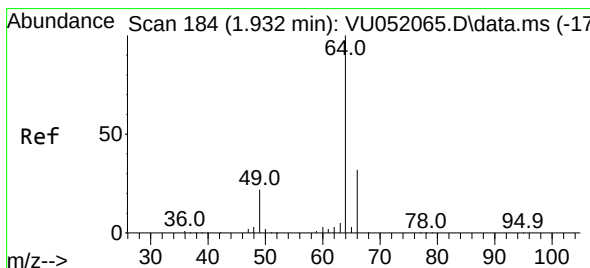
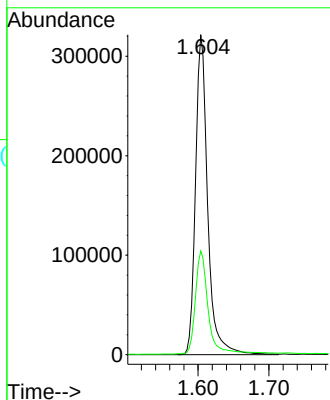
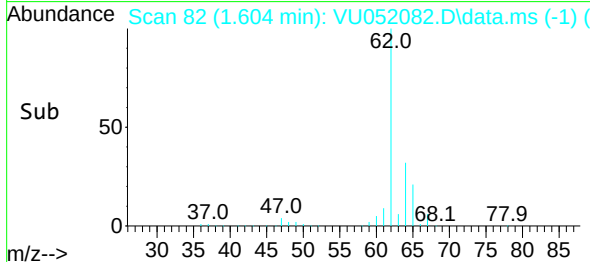
Instrument :
 MSVOA_U
 ClientSampleId :
 COL20



Tgt Ion: 62 Resp: 383058
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.5 43.7

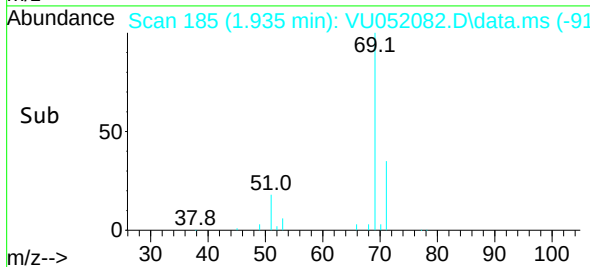
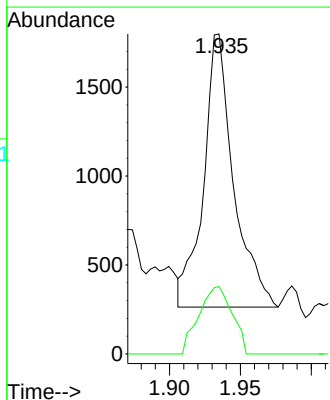
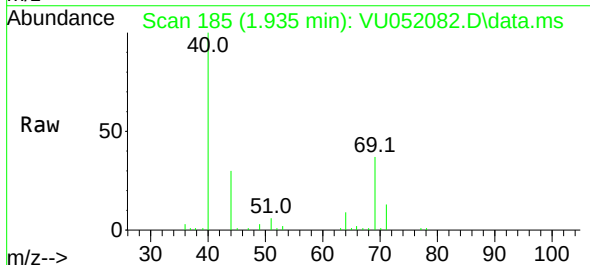
Manual Integrations
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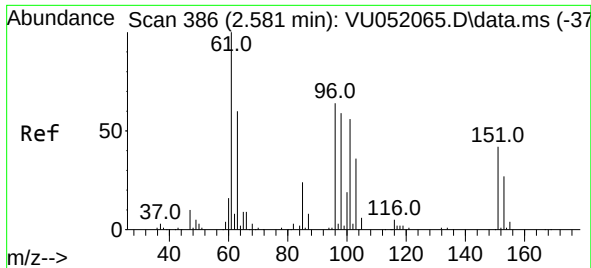
Reviewed By :John Carlone 11/25/2022
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#8
 Chloroethane
 Concen: 0.155 ug/L
 RT: 1.935 min Scan# 185
 Delta R.T. 0.003 min
 Lab File: VU052082.D
 Acq: 23 Nov 2022 10:37

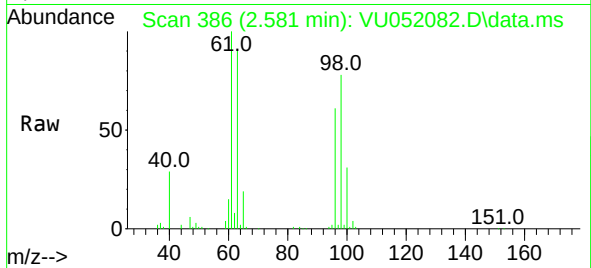
Tgt Ion: 64 Resp: 2262
 Ion Ratio Lower Upper
 64 100
 66 21.1 21.1 39.1#





#12
1,1-Dichloroethene
Concen: 3.052 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU052082.D
Acq: 23 Nov 2022 10:37

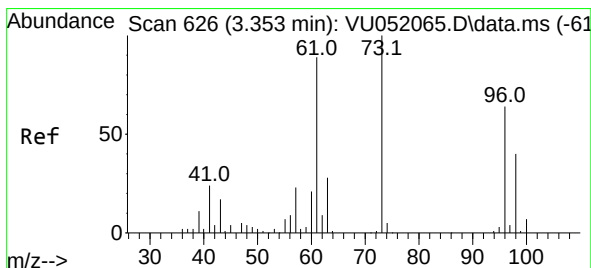
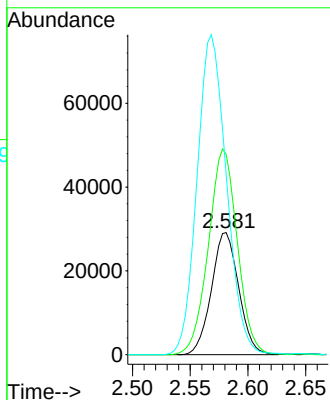
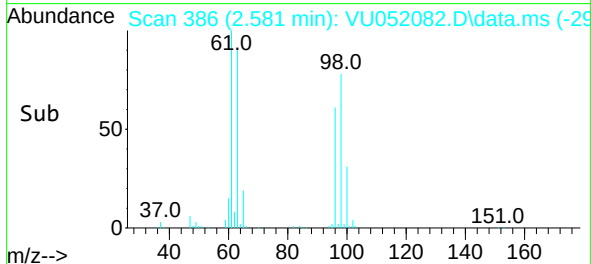
Instrument :
MSVOA_U
ClientSampleId :
COL20



Tgt Ion: 96 Resp: 4784
Ion Ratio Lower Upper
96 100
61 163.9 114.8 213.2
63 147.2 93.7 174.1

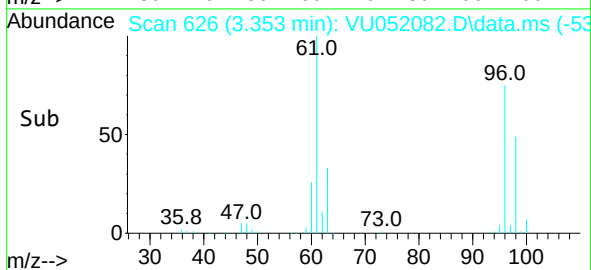
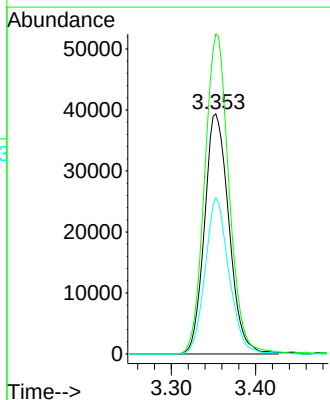
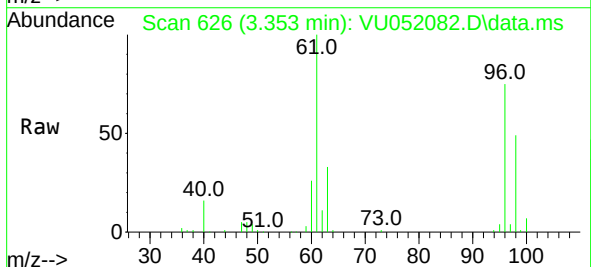
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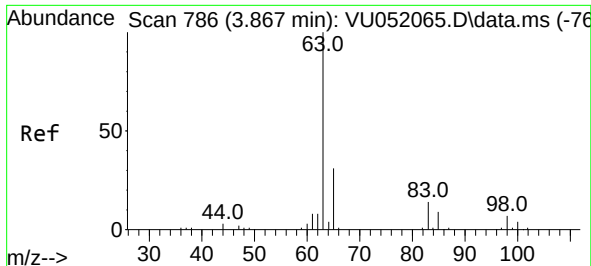
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/25/2022



#18
trans-1,2-Dichloroethene
Concen: 4.733 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU052082.D
Acq: 23 Nov 2022 10:37

Tgt Ion: 96 Resp: 79521
Ion Ratio Lower Upper
96 100
61 133.2 97.9 181.7
98 65.0 43.8 81.3





#19

1,1-Dichloroethane

Concen: 0.109 ug/L

RT: 3.870 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU052082.D

Acq: 23 Nov 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

COL20

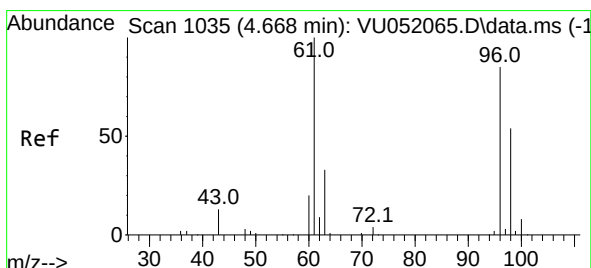
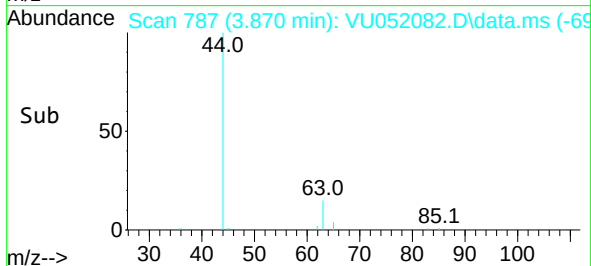
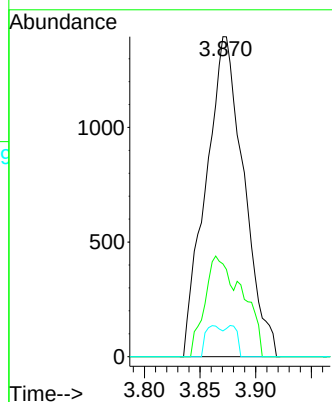
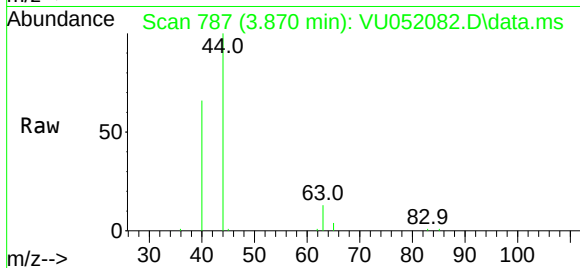
Tgt Ion: 63 Resp: 3298
 Ion Ratio Lower Upper
 63 100
 65 29.0 22.2 41.2
 83 8.0 9.2 17.0

Manual Integrations

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#22

cis-1,2-Dichloroethene

Concen: 171.608 ug/L

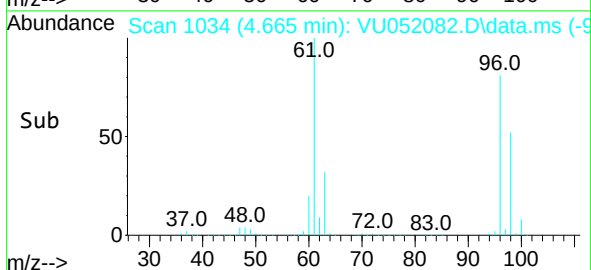
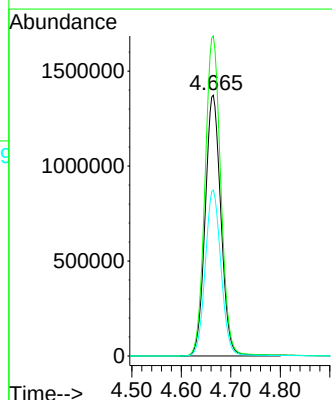
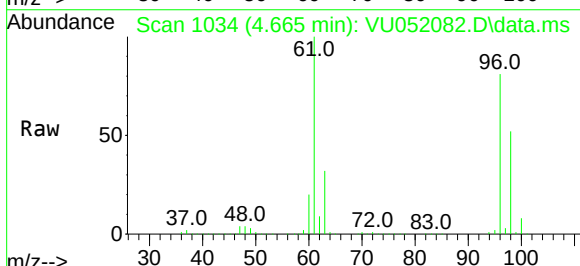
RT: 4.665 min Scan# 1034

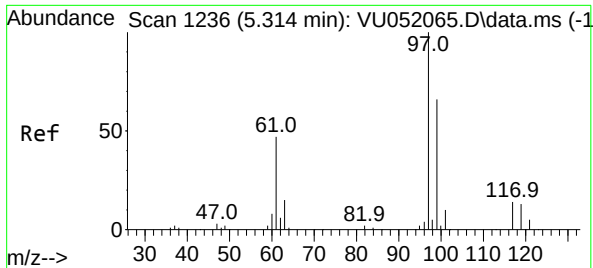
Delta R.T. -0.000 min

Lab File: VU052082.D

Acq: 23 Nov 2022 10:37

Tgt Ion: 96 Resp: 3025811
 Ion Ratio Lower Upper
 96 100
 61 122.7 85.1 158.1
 98 63.6 42.8 79.6





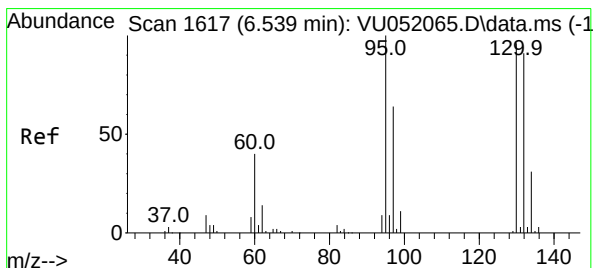
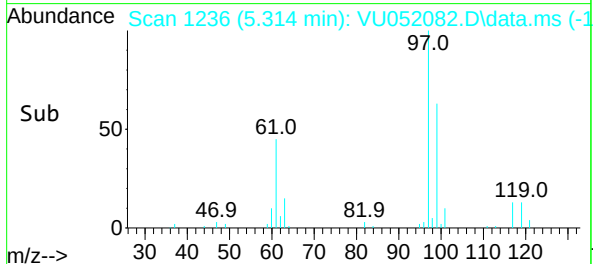
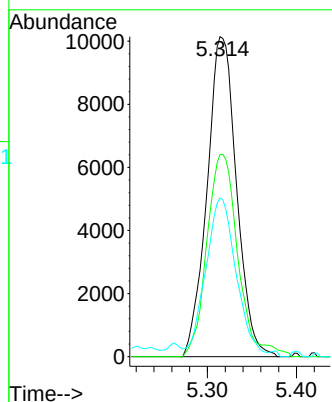
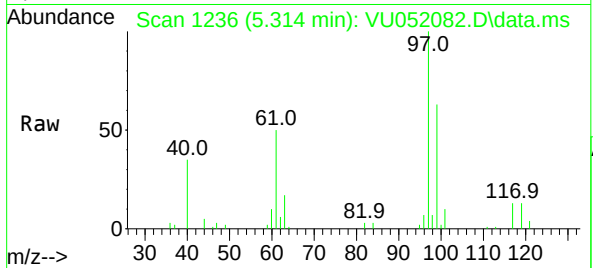
#29
1,1,1-Trichloroethane
Concen: 0.962 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052082.D
Acq: 23 Nov 2022 10:37

Instrument :
MSVOA_U
ClientSampleId :
COL20

Tgt Ion: 97	Resp: 2335
Ion Ratio	Lower Upper
97 100	
99 66.3	51.0 76.6
61 48.2	36.9 55.3

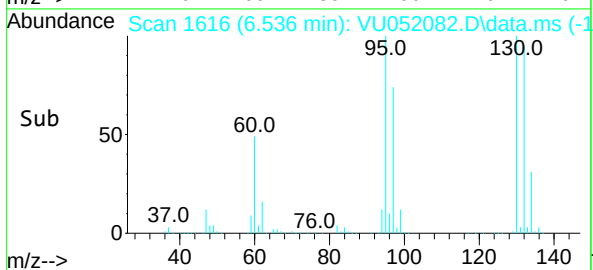
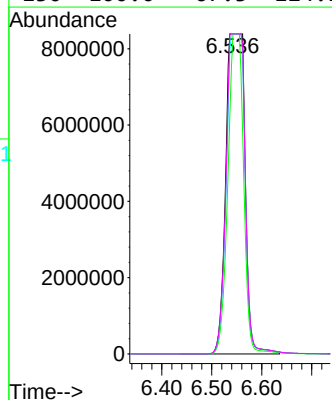
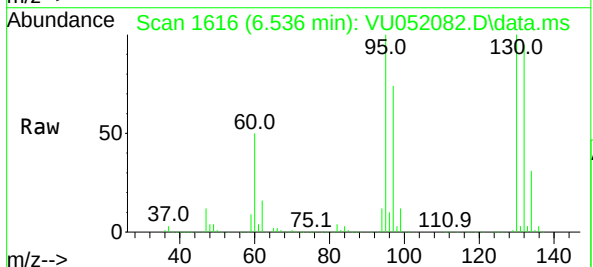
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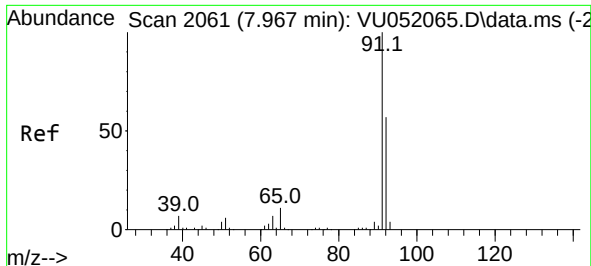
Reviewed By :John Carlone 11/25/2022
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#34
Trichloroethene
Concen: 1259.483 ug/L m
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU052082.D
Acq: 23 Nov 2022 10:37

Tgt Ion: 95		Resp:22377686	
Ion	Ratio	Lower	Upper
95	100		
97	73.9	43.7	81.1
132	94.6	64.3	119.3
130	100.0	67.3	124.9





#42

Toluene

Concen: 2.356 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052082.D

Acq: 23 Nov 2022 10:37

Instrument :

MSVOA_U

ClientSampleId :

COL20

Tgt Ion: 91 Resp: 17264

Ion Ratio Lower Upper

91 100

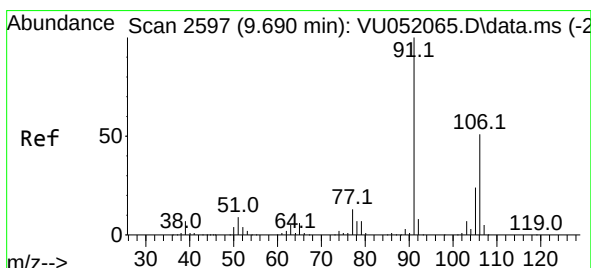
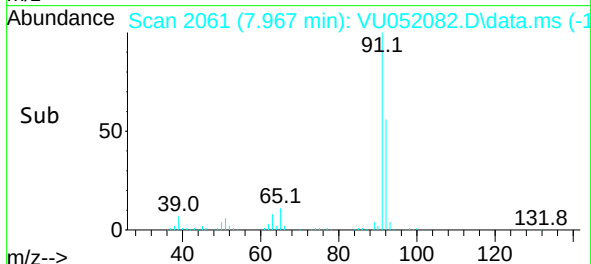
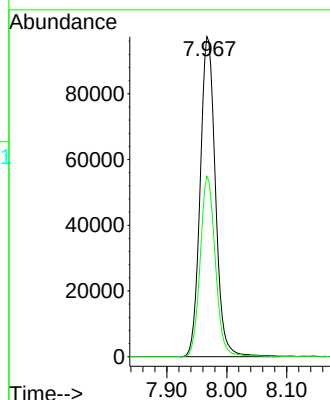
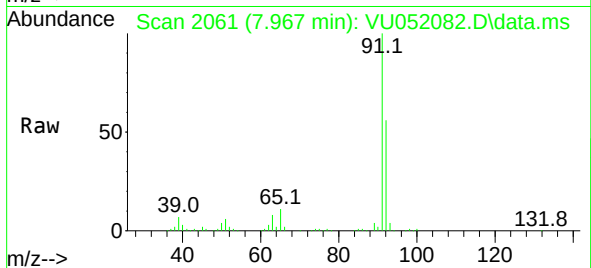
92 56.4 40.7 75.5

Manual Integrations

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#53

m,p-Xylene

Concen: 0.130 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU052082.D

Acq: 23 Nov 2022 10:37

Tgt Ion:106 Resp: 3590

Ion Ratio Lower Upper

106 100

91 203.4 137.7 255.7

