

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052286.D
 Acq On : 09 Dec 2022 06:40
 Operator : JC/MD
 Sample : N5960-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL28

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022

Quant Time: Dec 09 07:05:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	224125	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	225702	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	96200	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	68152	3.126	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.600%	
7) Chloroethane-d5	1.915	69	63887	3.773	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.400%	
11) 1,1-Dichloroethene-d2	2.571	65	28909	3.699	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.000%	
20) 2-Butanone-d5	4.642	46	263766	66.748	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	133.500%#	
24) Chloroform-d	5.063	84	145147	4.531	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
26) 1,2-Dichloroethane-d4	5.700	65	79042	4.885	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
32) Benzene-d6	5.726	84	288193	4.301	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
36) 1,2-Dichloropropane-d6	6.690	67	98408	4.746	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.000%	
41) Toluene-d8	7.896	98	223231	3.682	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.600%	
43) trans-1,3-Dichloroprop...	8.179	79	30587	4.048	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.000%	
46) 2-Hexanone-d5	8.632	63	175080	54.670	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.340%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	94368	5.249	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.000%	
66) 1,2-Dichlorobenzene-d4	12.188	152	86110	4.675	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						Qvalue
3) Chloromethane	1.523	50	7429	0.293	ug/L	97
5) Vinyl chloride	1.607	62	28707	1.178	ug/L	98
8) Chloroethane	1.938	64	8263	0.545	ug/L	90
12) 1,1-Dichloroethene	2.584	96	16272	1.001	ug/L #	36
18) trans-1,2-Dichloroethene	3.356	96	10752	0.617	ug/L	88
19) 1,1-Dichloroethane	3.867	63	5796	0.185	ug/L	94
22) cis-1,2-Dichloroethene	4.665	96	2700562	147.644	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	26616	1.063	ug/L	98
34) Trichloroethene	6.536	95	20980975m	1145.189	ug/L	
42) Toluene	7.970	91	19794	0.262	ug/L	97

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

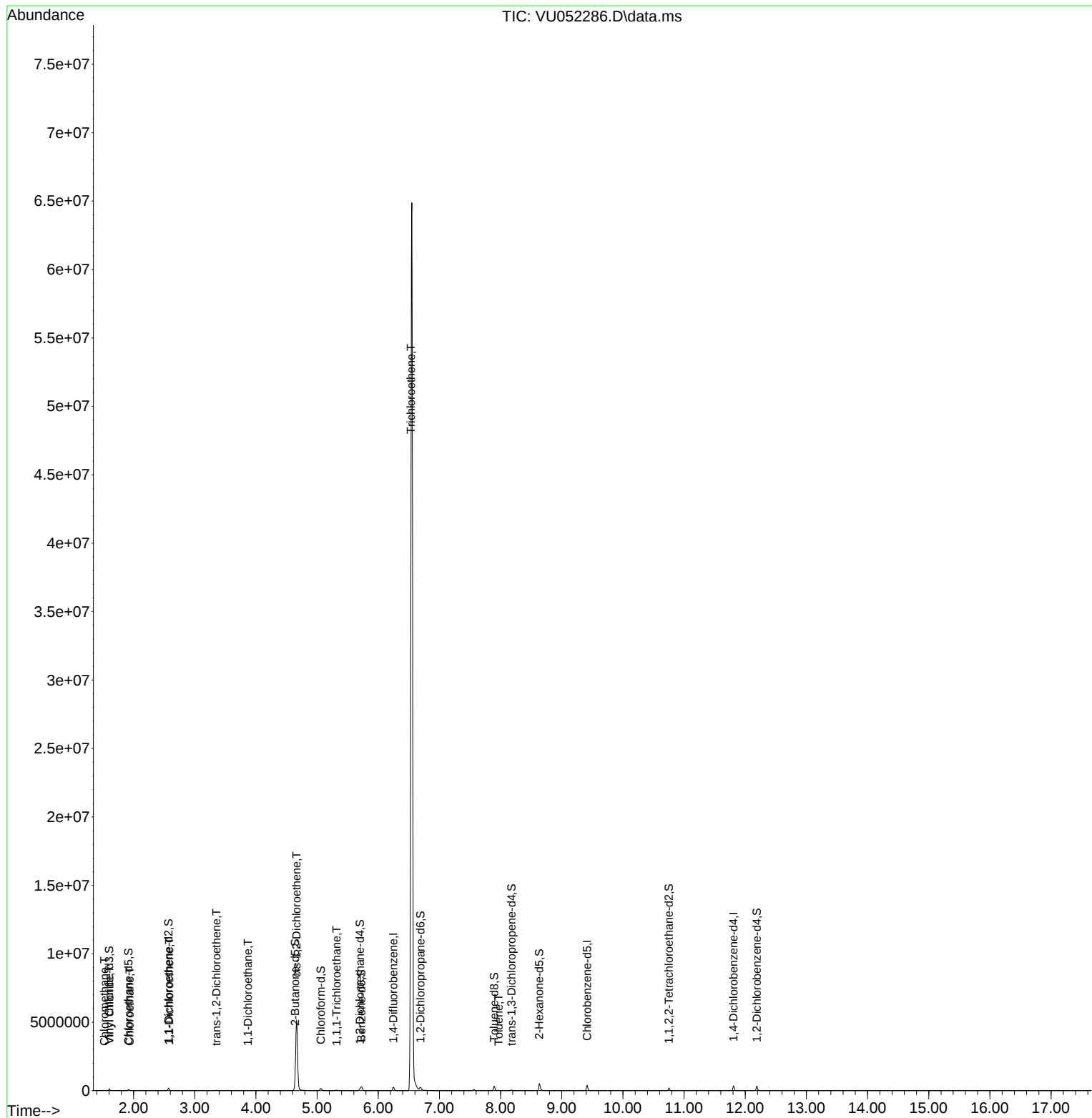
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
Data File : VU052286.D
Acq On : 09 Dec 2022 06:40
Operator : JC/MD
Sample : N5960-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 53 Sample Multiplier: 1

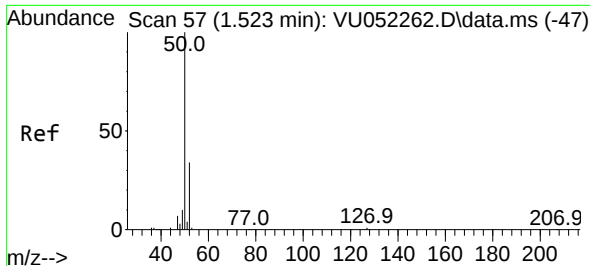
Instrument :
MSVOA_U
ClientSampleId :
C0L28

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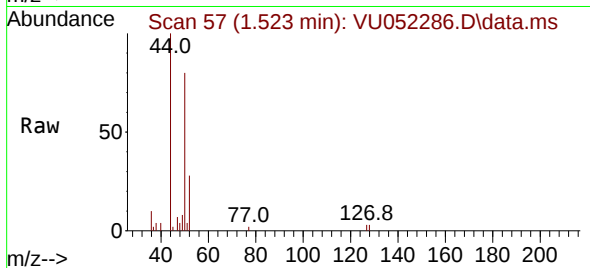
Quant Time: Dec 09 07:05:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 08 04:19:43 2022
Response via : Initial Calibration





#3
Chloromethane
Concen: 0.293 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052286.D
Acq: 09 Dec 2022 06:40

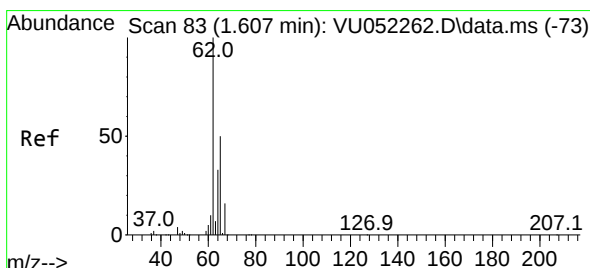
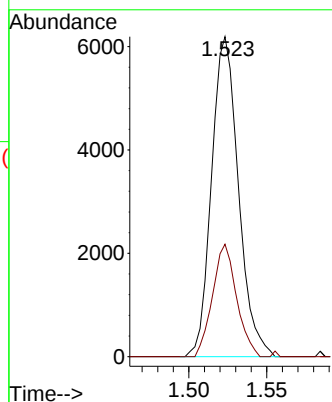
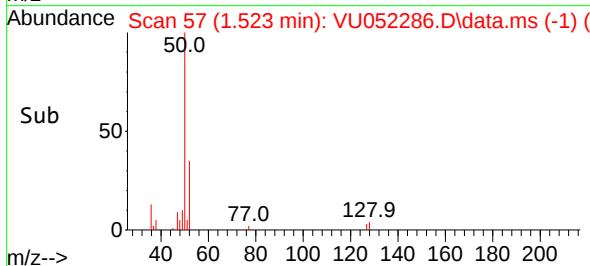
Instrument :
MSVOA_U
ClientSampleId :
COL28



Tgt Ion: 50 Resp: 7429
Ion Ratio Lower Upper
50 100
52 35.1 23.4 43.4

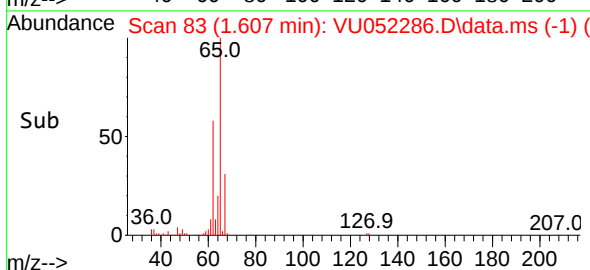
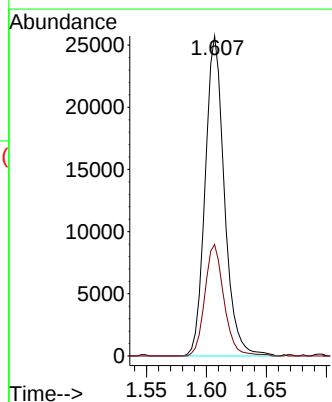
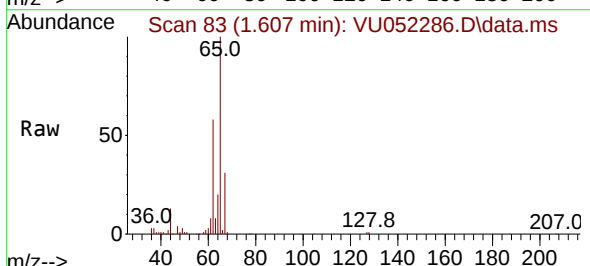
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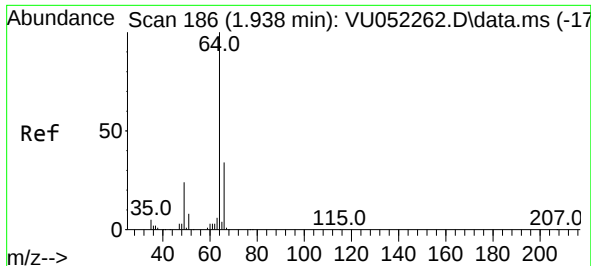
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#5
Vinyl chloride
Concen: 1.178 ug/L
RT: 1.607 min Scan# 83
Delta R.T. 0.003 min
Lab File: VU052286.D
Acq: 09 Dec 2022 06:40

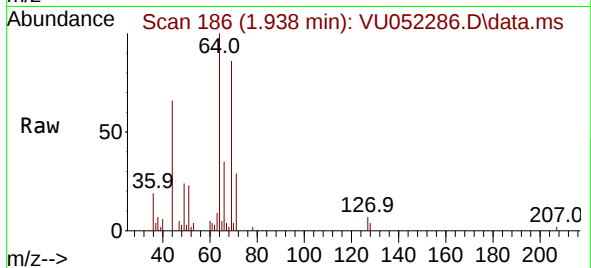
Tgt Ion: 62 Resp: 28707
Ion Ratio Lower Upper
62 100
64 34.8 23.5 43.7





#8
Chloroethane
Concen: 0.545 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.003 min
Lab File: VU052286.D
Acq: 09 Dec 2022 06:40

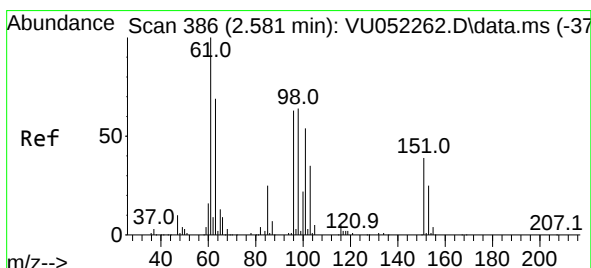
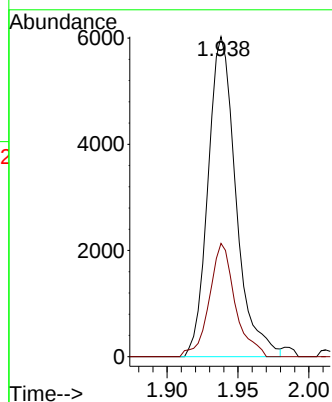
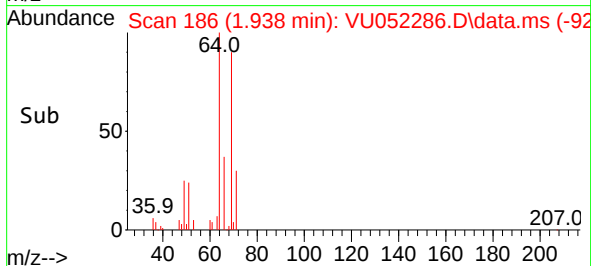
Instrument :
MSVOA_U
ClientSampleId :
COL28



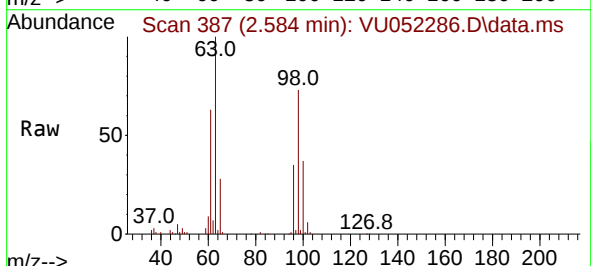
Tgt Ion: 64 Resp: 826
Ion Ratio Lower Upper
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66 35.4 21.1 39.1

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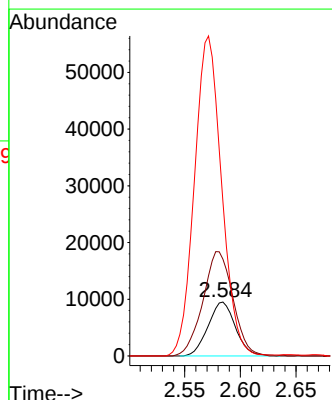
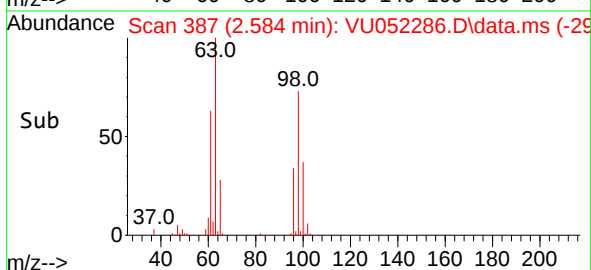
Reviewed By :Krupa Patel 12/09/2022
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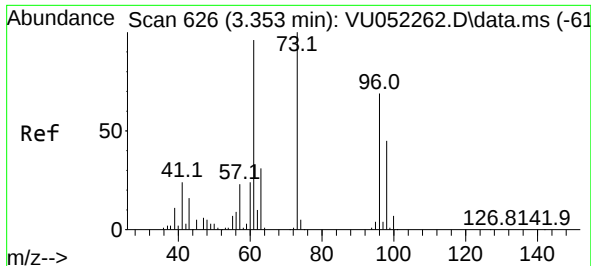


#12
1,1-Dichloroethene
Concen: 1.001 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU052286.D
Acq: 09 Dec 2022 06:40



Tgt Ion: 96 Resp: 16272
Ion Ratio Lower Upper
96 100
61 179.7 114.8 213.2
63 286.6 93.7 174.1#





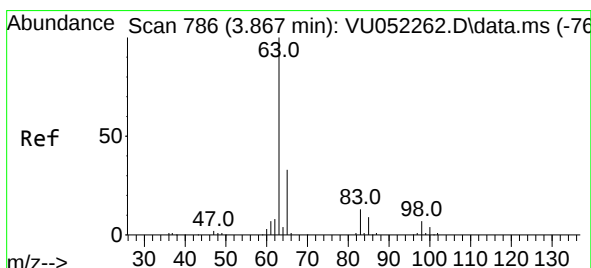
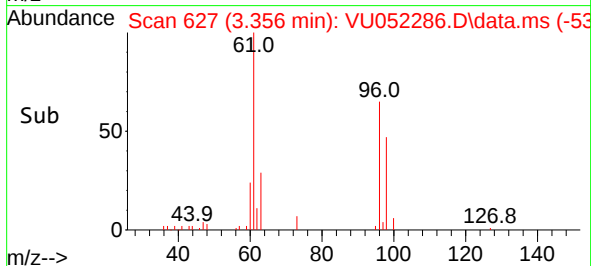
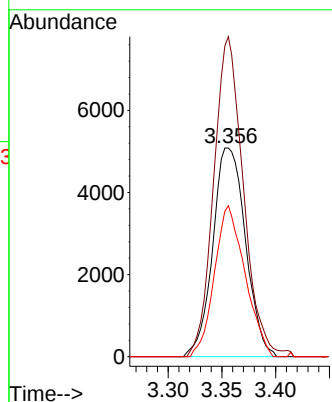
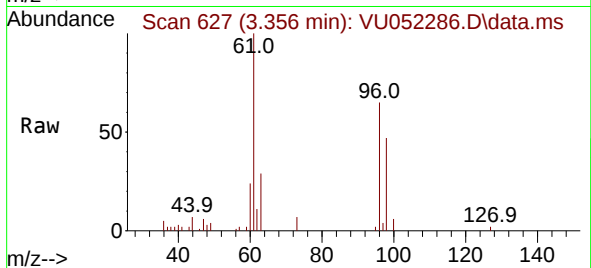
#18
trans-1,2-Dichloroethene
Concen: 0.617 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052286.D
Acq: 09 Dec 2022 06:40

Instrument :
MSVOA_U
ClientSampleId :
COL28

Tgt Ion: 96 Resp: 1075
Ion Ratio Lower Upper
96 100
61 153.3 97.9 181.7
98 72.3 43.8 81.3

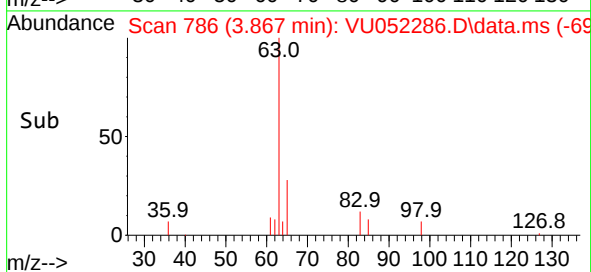
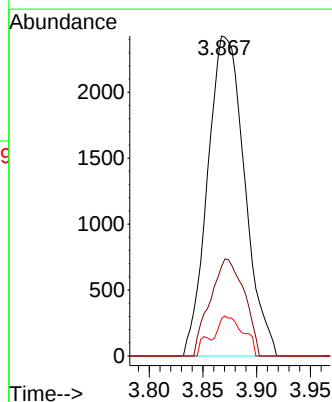
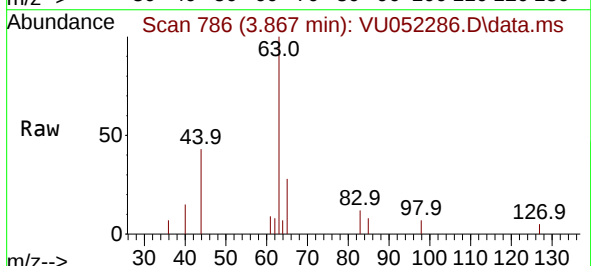
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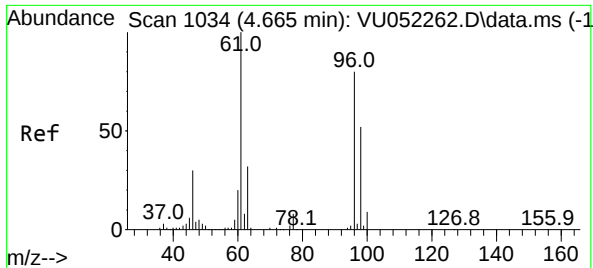
Reviewed By :Krupa Patel 12/09/2022
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#19
1,1-Dichloroethane
Concen: 0.185 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU052286.D
Acq: 09 Dec 2022 06:40

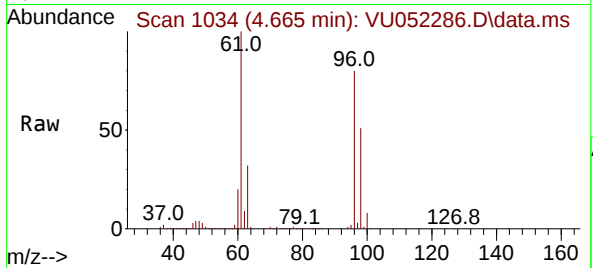
Tgt Ion: 63 Resp: 5796
Ion Ratio Lower Upper
63 100
65 27.9 22.2 41.2
83 11.7 9.2 17.0





#22
 cis-1,2-Dichloroethene
 Concen: 147.644 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU052286.D
 Acq: 09 Dec 2022 06:40

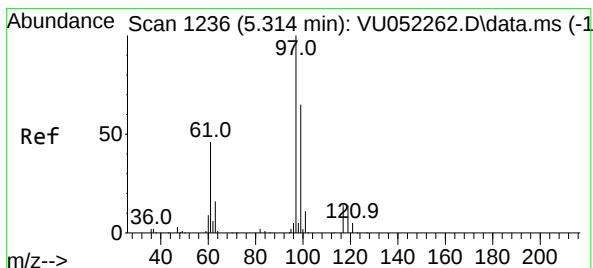
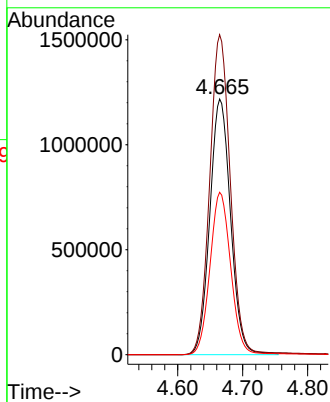
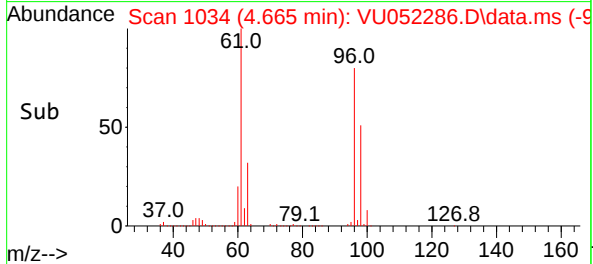
Instrument :
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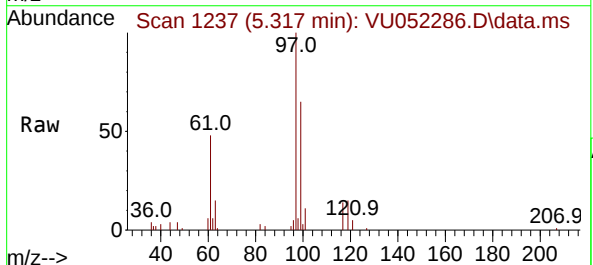
Tgt Ion: 96 Resp: 270056
 Ion Ratio Lower Upper
 96 100
 61 125.2 85.1 158.1
 98 63.5 42.8 79.6

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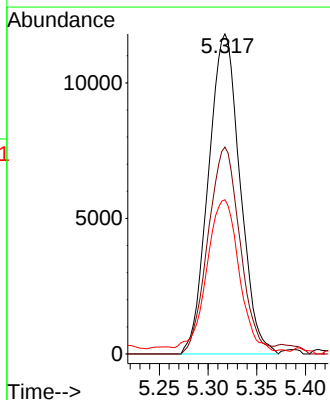
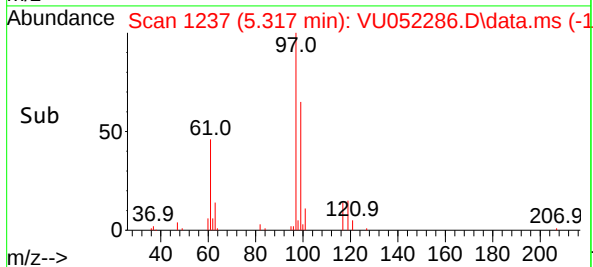
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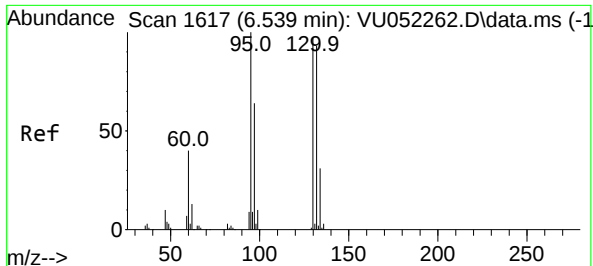


#29
 1,1,1-Trichloroethane
 Concen: 1.063 ug/L
 RT: 5.317 min Scan# 1237
 Delta R.T. 0.003 min
 Lab File: VU052286.D
 Acq: 09 Dec 2022 06:40



Tgt Ion: 97 Resp: 26616
 Ion Ratio Lower Upper
 97 100
 99 65.7 51.0 76.6
 61 47.8 36.9 55.3





#34

Trichloroethene

Concen: 1145.189 ug/L m

RT: 6.536 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU052286.D

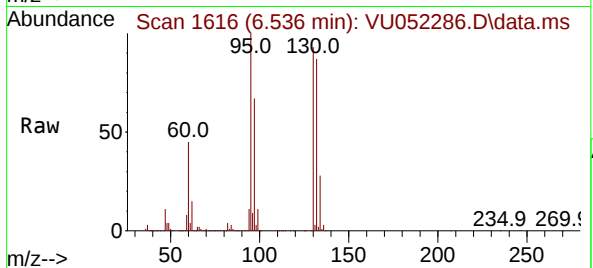
Acq: 09 Dec 2022 06:40

Instrument :

MSVOA_U

ClientSampleId :

C0L28



Tgt Ion: 95 Resp: 2098097

Ion Ratio Lower Upper

95 100

97 67.2 43.7 81.1

132 87.0 64.3 119.3

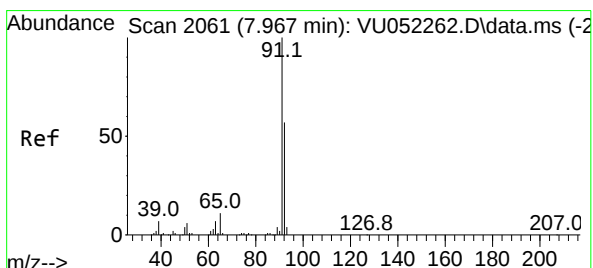
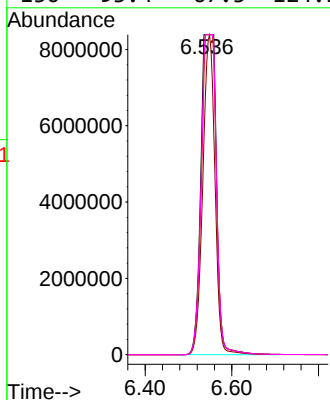
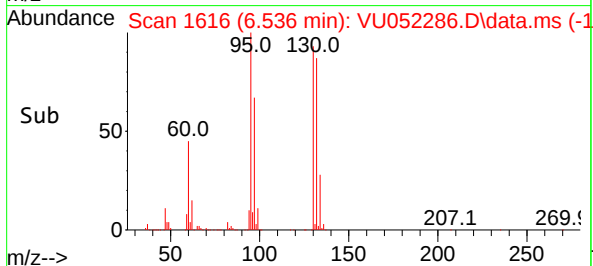
130 93.4 67.3 124.9

Manual Integrations

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#42

Toluene

Concen: 0.262 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU052286.D

Acq: 09 Dec 2022 06:40

Tgt Ion: 91 Resp: 19794

Ion Ratio Lower Upper

91 100

92 55.5 40.7 75.5

