

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052285.D
 Acq On : 09 Dec 2022 06:16
 Operator : JC/MD
 Sample : N5960-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL27

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 07:04:57 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	6.247	114	212083	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	214673	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	92723	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	69168	3.353	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.000%	
7) Chloroethane-d5	1.916	69	65761	4.104	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.000%	
11) 1,1-Dichloroethene-d2	2.568	65	28952	3.915	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.400%	
20) 2-Butanone-d5	4.642	46	268224	71.730	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	143.460%#	
24) Chloroform-d	5.060	84	146954	4.848	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
26) 1,2-Dichloroethane-d4	5.700	65	79075	5.165	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.200%	
32) Benzene-d6	5.726	84	290748	4.562	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	6.690	67	102008	5.172	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.400%	
41) Toluene-d8	7.896	98	225498	3.911	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.200%	
43) trans-1,3-Dichloroprop...	8.176	79	30583	4.255	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.200%	
46) 2-Hexanone-d5	8.632	63	177790	58.369	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.740%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	96374	5.636	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	112.800%	
66) 1,2-Dichlorobenzene-d4	12.189	152	89194	5.024	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.400%	
Target Compounds						
3) Chloromethane	1.523	50	37180	1.549	ug/L	99
5) Vinyl chloride	1.607	62	29012	1.258	ug/L	99
8) Chloroethane	1.938	64	8316	0.580	ug/L	87
12) 1,1-Dichloroethene	2.584	96	16684	1.084	ug/L #	42
18) trans-1,2-Dichloroethene	3.356	96	11444	0.694	ug/L	94
19) 1,1-Dichloroethane	3.874	63	5542	0.186	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	2775597	160.362	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	27430	1.152	ug/L	97
34) Trichloroethene	6.536	95	21126506m	1212.376	ug/L	
42) Toluene	7.967	91	20217	0.281	ug/L	96

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

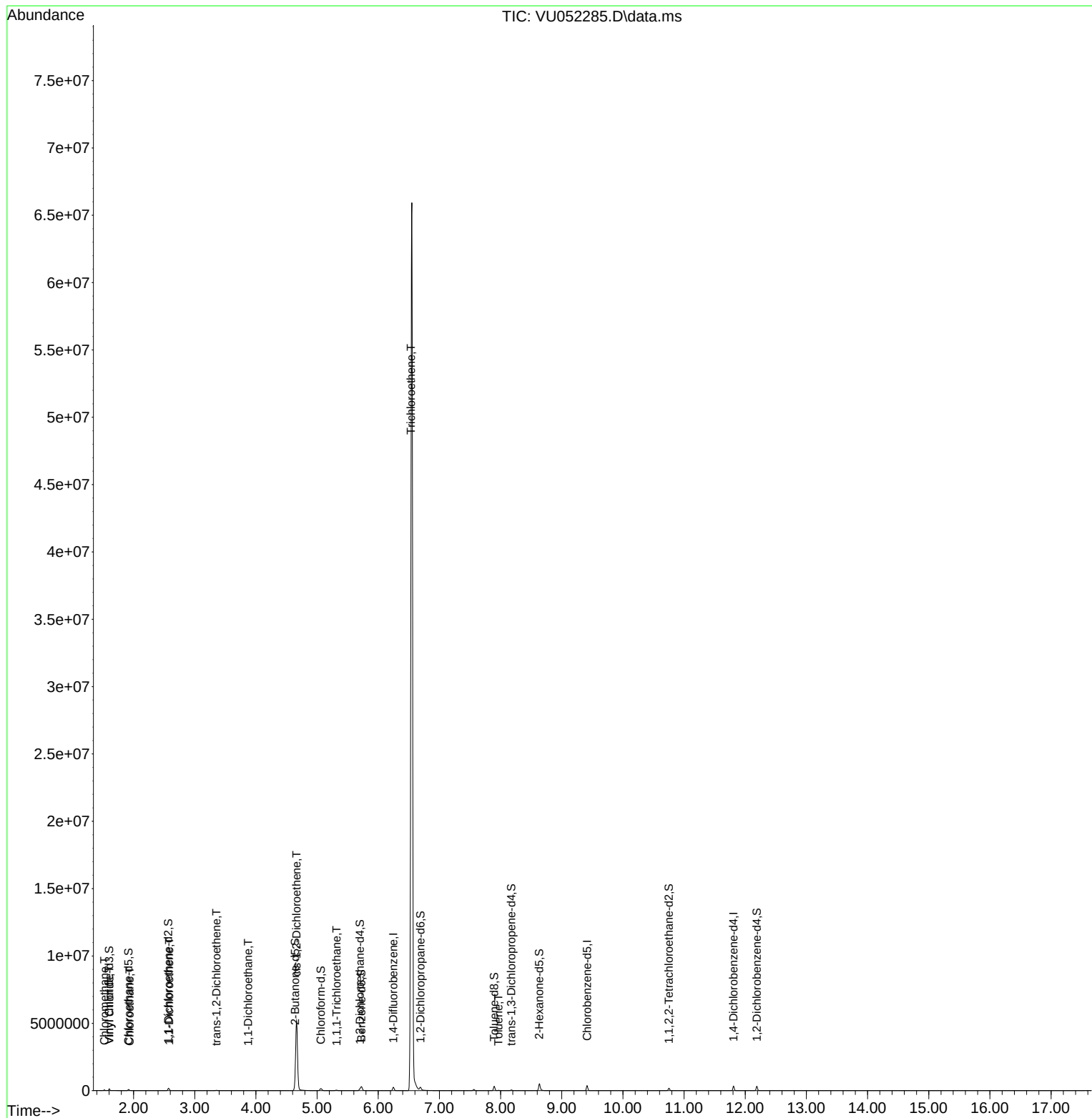
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
Data File : VU052285.D
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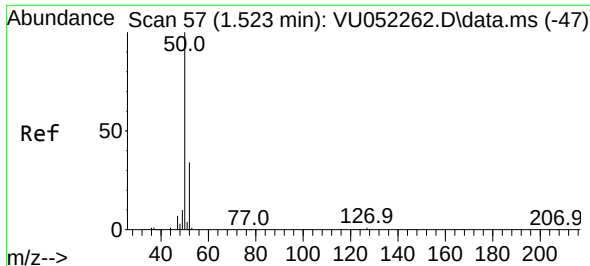
Instrument :
MSVOA_U
ClientSampleId :
C0L27

Quant Time: Dec 09 07:04:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
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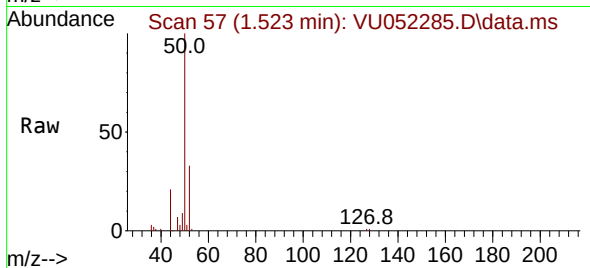
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022





#3
Chloromethane
Concen: 1.549 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU052285.D
Acq: 09 Dec 2022 06:16

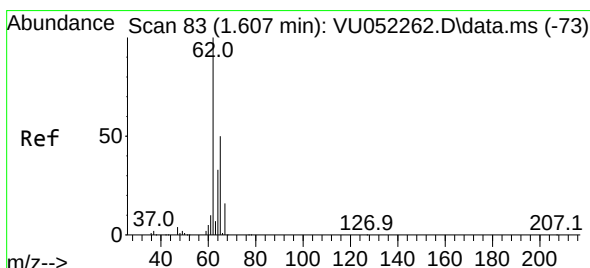
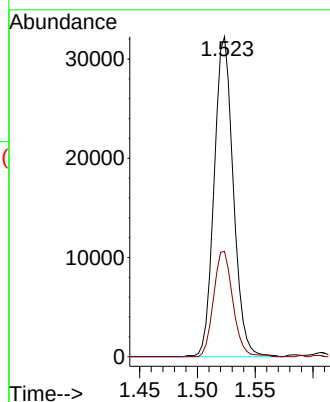
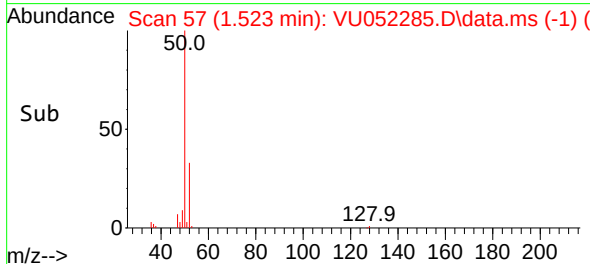
Instrument :
MSVOA_U
ClientSampleId :
COL27



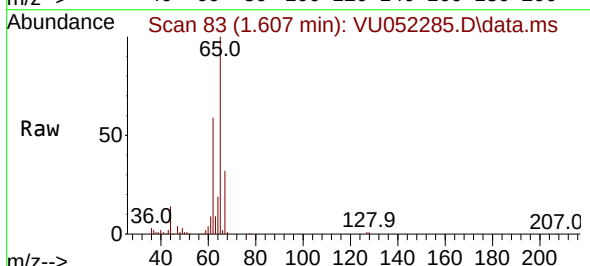
Tgt Ion: 50 Resp: 37180
Ion Ratio Lower Upper
50 100
52 32.9 23.4 43.4

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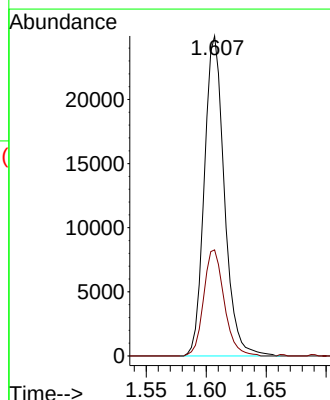
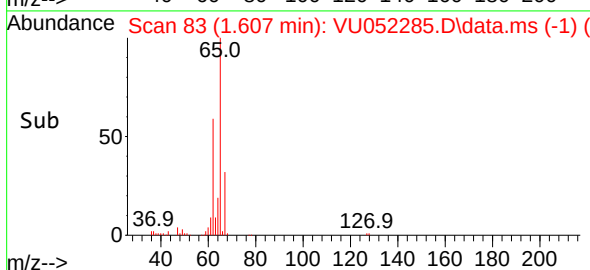
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

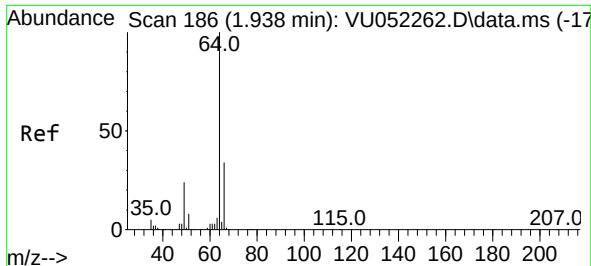


#5
Vinyl chloride
Concen: 1.258 ug/L
RT: 1.607 min Scan# 83
Delta R.T. 0.003 min
Lab File: VU052285.D
Acq: 09 Dec 2022 06:16



Tgt Ion: 62 Resp: 29012
Ion Ratio Lower Upper
62 100
64 33.2 23.5 43.7





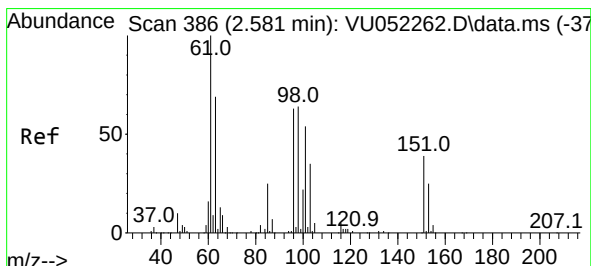
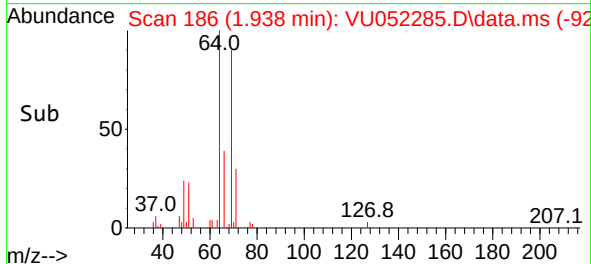
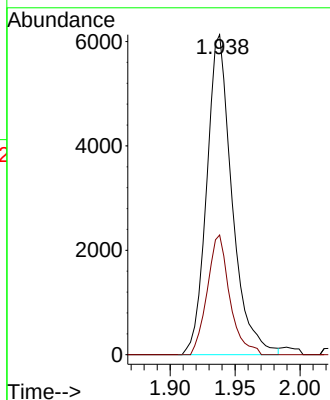
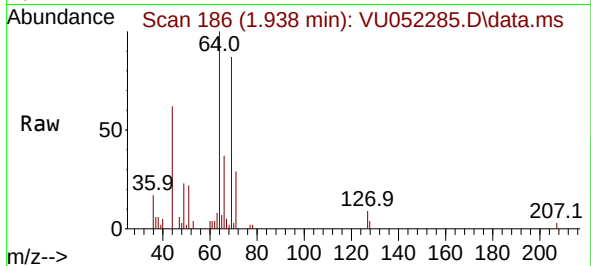
#8
Chloroethane
Concen: 0.580 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.003 min
Lab File: VU052285.D
Acq: 09 Dec 2022 06:16

Instrument :
MSVOA_U
ClientSampleId :
COL27

Tgt Ion: 64 Resp: 8310
Ion Ratio Lower Upper
64 100
66 37.4 21.1 39.1

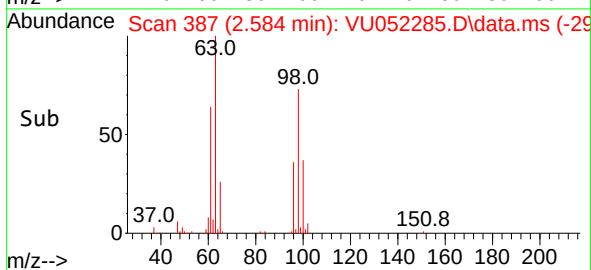
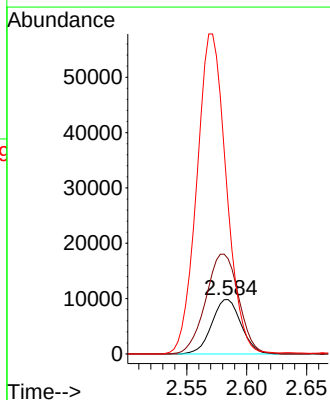
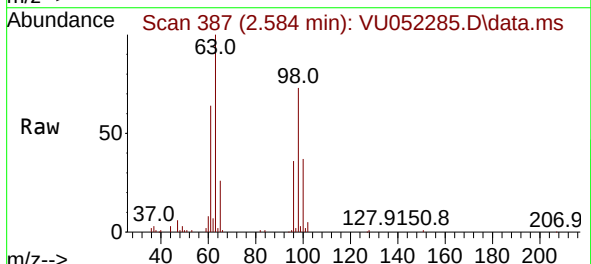
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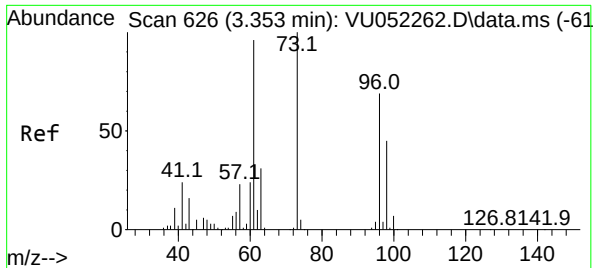
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#12
1,1-Dichloroethene
Concen: 1.084 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU052285.D
Acq: 09 Dec 2022 06:16

Tgt Ion: 96 Resp: 16684
Ion Ratio Lower Upper
96 100
61 175.0 114.8 213.2
63 274.3 93.7 174.1#





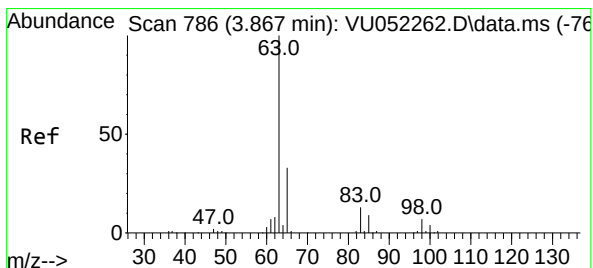
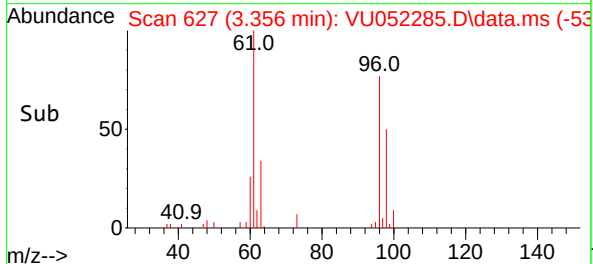
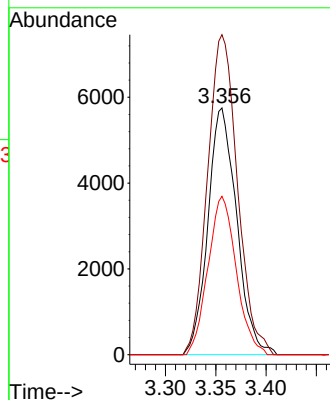
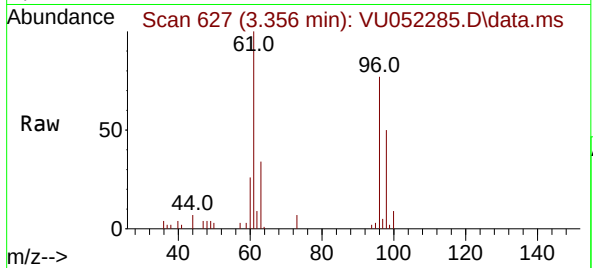
#18
trans-1,2-Dichloroethene
Concen: 0.694 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052285.D
Acq: 09 Dec 2022 06:16

Instrument :
MSVOA_U
ClientSampleId :
COL27

Tgt Ion: 96 Resp: 1144
Ion Ratio Lower Upper
96 100
61 129.7 97.9 181.7
98 64.2 43.8 81.3

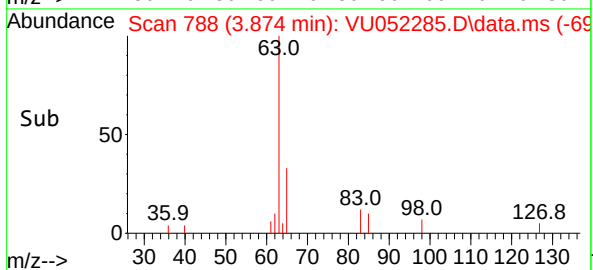
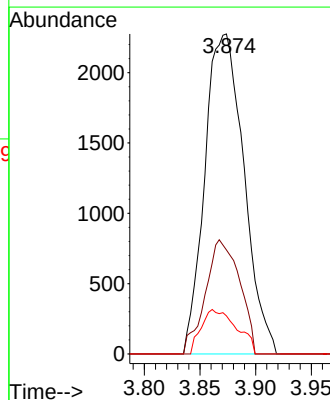
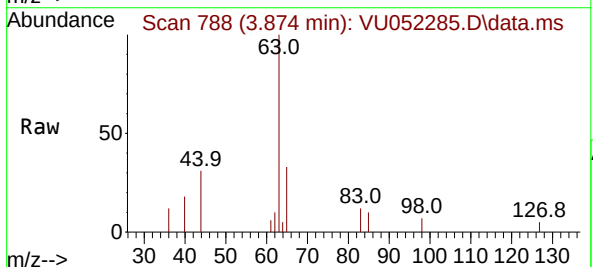
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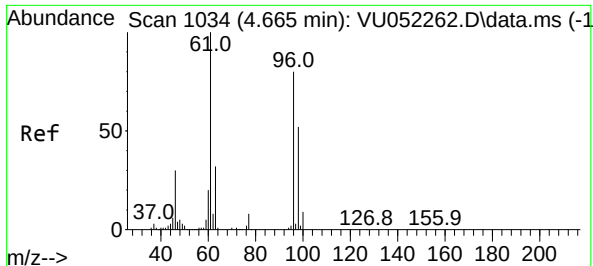
Reviewed By :Krupa Patel 12/09/2022
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#19
1,1-Dichloroethane
Concen: 0.186 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.006 min
Lab File: VU052285.D
Acq: 09 Dec 2022 06:16

Tgt Ion: 63 Resp: 5542
Ion Ratio Lower Upper
63 100
65 32.5 22.2 41.2
83 11.9 9.2 17.0





#22

cis-1,2-Dichloroethene

Concen: 160.362 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU052285.D

Acq: 09 Dec 2022 06:16

Instrument :

MSVOA_U

ClientSampleId :

COL27

Tgt Ion: 96 Resp: 277559

Ion Ratio Lower Upper

96 100

61 124.0 85.1 158.1

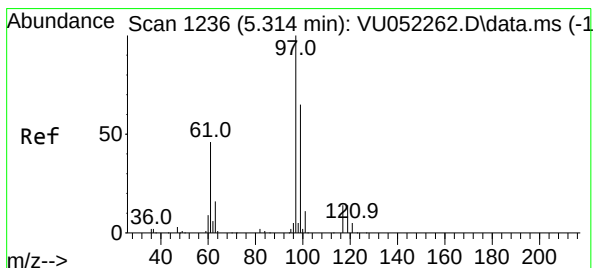
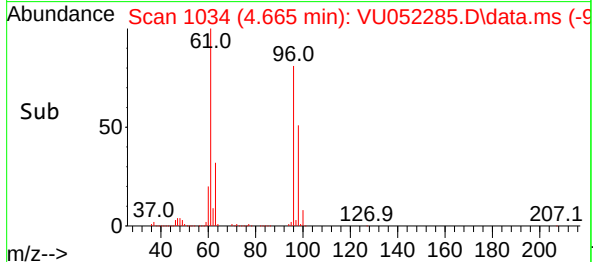
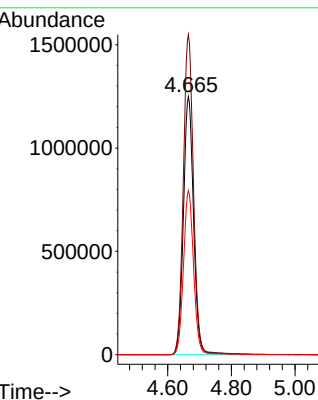
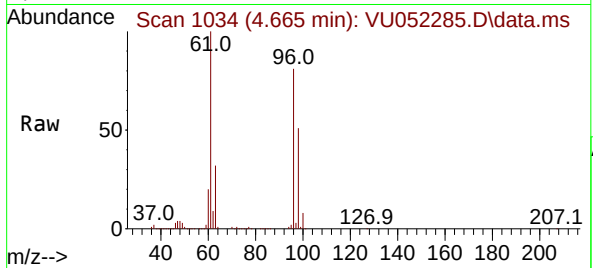
98 63.5 42.8 79.6

Manual Integrations

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Supervised By :Mahesh Dadoda 12/09/2022



#29

1,1,1-Trichloroethane

Concen: 1.152 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU052285.D

Acq: 09 Dec 2022 06:16

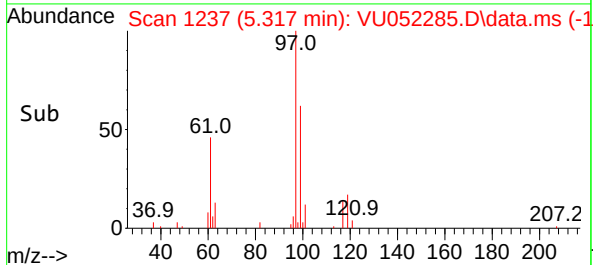
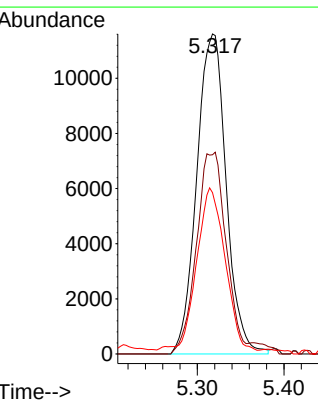
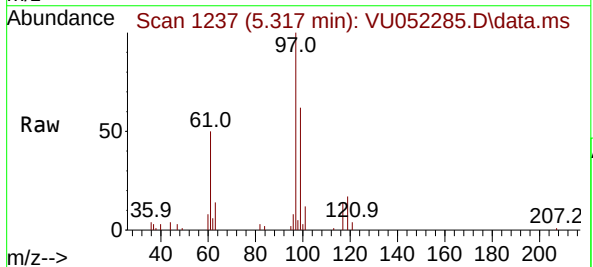
Tgt Ion: 97 Resp: 27430

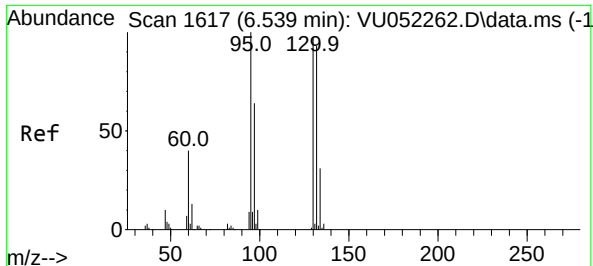
Ion Ratio Lower Upper

97 100

99 63.3 51.0 76.6

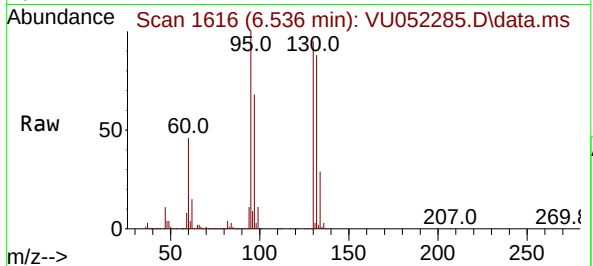
61 50.2 36.9 55.3





#34
Trichloroethene
Concen: 1212.376 ug/L m
RT: 6.536 min Scan# 1
Delta R.T. -0.006 min
Lab File: VU052285.D
Acq: 09 Dec 2022 06:16

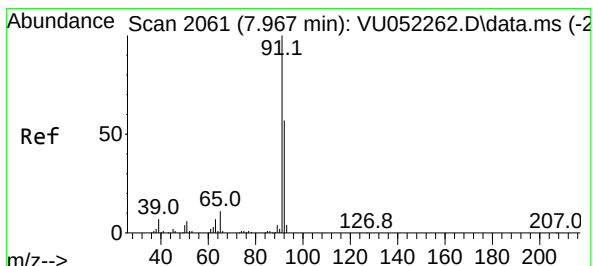
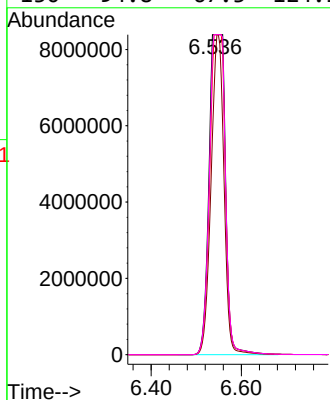
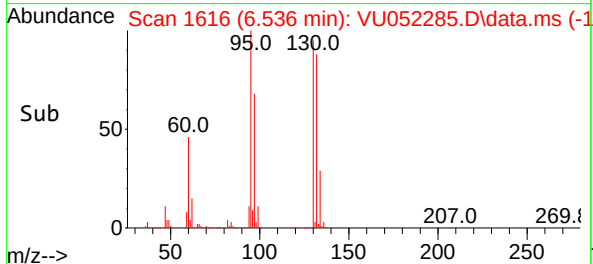
Instrument :
MSVOA_U
ClientSampleId :
COL27



Tgt Ion: 95 Resp: 2112650
Ion Ratio Lower Upper
95 100
97 68.3 43.7 81.1
132 88.1 64.3 119.3
130 94.8 67.3 124.9

Manual Integrations
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Reviewed By :Krupa Patel 12/09/2022
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#42
Toluene
Concen: 0.281 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU052285.D
Acq: 09 Dec 2022 06:16

Tgt Ion: 91 Resp: 20217
Ion Ratio Lower Upper
91 100
92 55.0 40.7 75.5

