

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052283.D
 Acq On : 09 Dec 2022 05:28
 Operator : JC/MD
 Sample : N5960-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL25

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 05:51:24 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	203757	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	213429	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	93847	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	83623	4.219	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.916	69	62604	4.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.568	65	29595	4.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.645	46	279705	77.857	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	155.720%#
24) Chloroform-d	5.060	84	137310	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.700	65	75661	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.729	84	281045	4.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.693	67	98696	5.033	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.896	98	224838	3.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	8.179	79	30878	4.321	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.632	63	183644	60.642	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.280%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	97291	5.722	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	89749	4.995	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	53174	2.306	ug/L	98
5) Vinyl chloride	1.607	62	2005172	90.489	ug/L	97
8) Chloroethane	1.938	64	10850	0.787	ug/L	96
12) 1,1-Dichloroethene	2.584	96	264763	17.912	ug/L #	71
18) trans-1,2-Dichloroethene	3.353	96	282718	17.843	ug/L	97
19) 1,1-Dichloroethane	3.870	63	15140	0.530	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	14244142	856.593	ug/L	96
29) 1,1,1-Trichloroethane	5.317	97	70076	2.959	ug/L	100
34) Trichloroethene	6.536	95	35882072m	2071.148	ug/L	
42) Toluene	7.967	91	187129	2.619	ug/L	97
47) Tetrachloroethene	8.552	164	5723	0.431	ug/L	94
53) m,p-Xylene	9.687	106	3232	0.120	ug/L	82

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

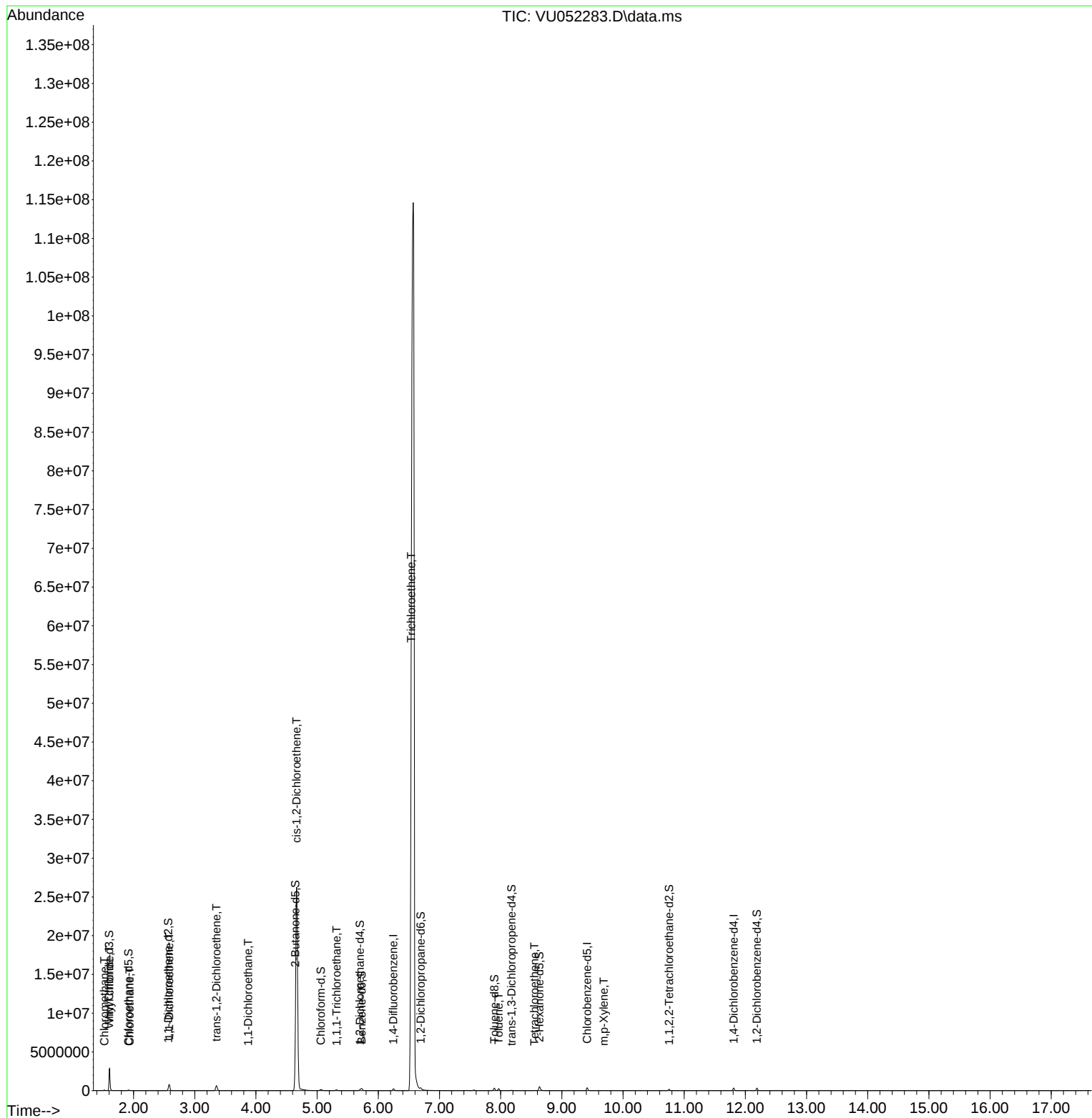
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
Data File : VU052283.D
Acq On : 09 Dec 2022 05:28
Operator : JC/MD
Sample : N5960-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

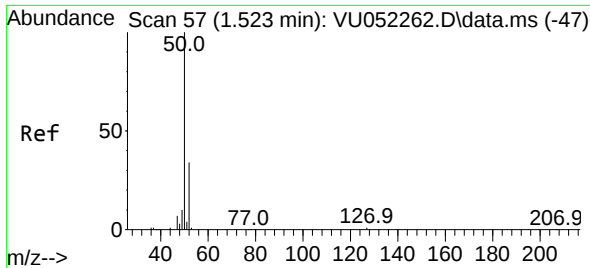
Instrument :
MSVOA_U
ClientSampleId :
C0L25

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Supervised By :Mahesh Dadoda 12/09/2022

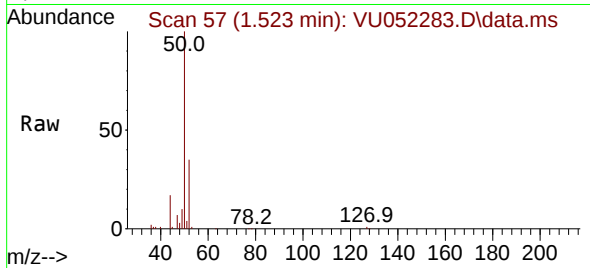
Quant Time: Dec 09 05:51:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 08 04:19:43 2022
Response via : Initial Calibration





#3
Chloromethane
Concen: 2.306 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052283.D
Acq: 09 Dec 2022 05:28

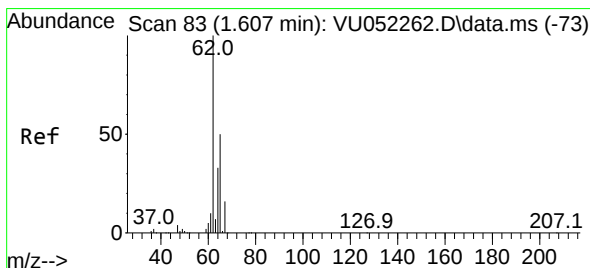
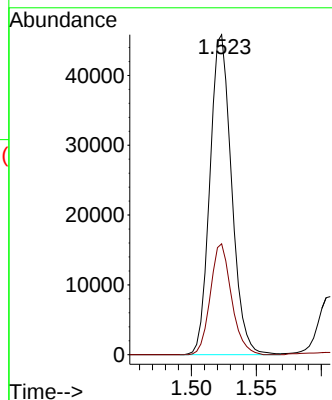
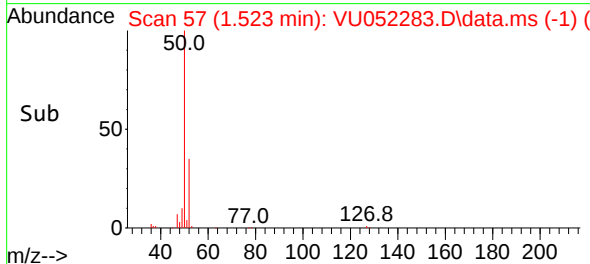
Instrument :
MSVOA_U
ClientSampleId :
COL25



Tgt Ion: 50 Resp: 53174
Ion Ratio Lower Upper
50 100
52 34.7 23.4 43.4

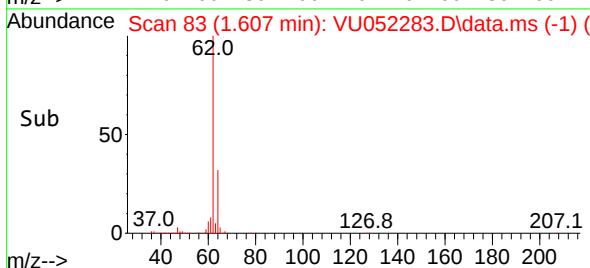
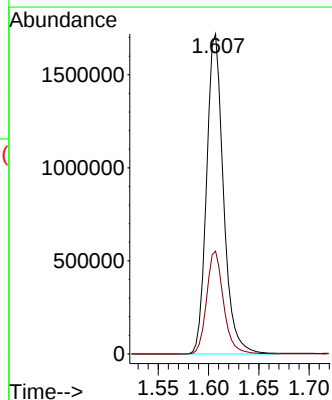
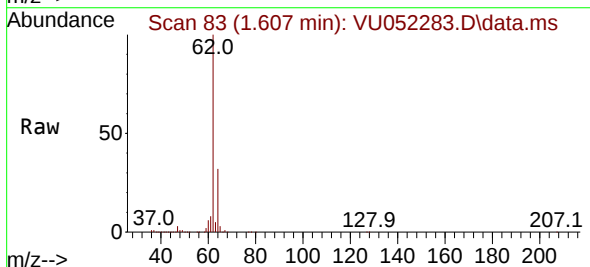
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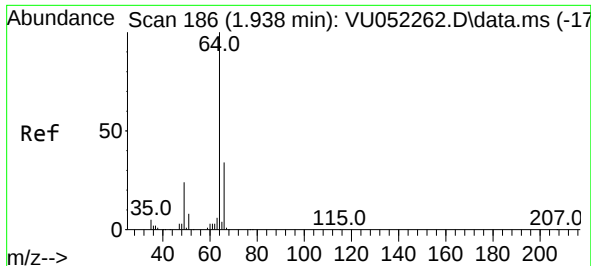
Reviewed By :Krupa Patel 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#5
Vinyl chloride
Concen: 90.489 ug/L
RT: 1.607 min Scan# 83
Delta R.T. 0.003 min
Lab File: VU052283.D
Acq: 09 Dec 2022 05:28

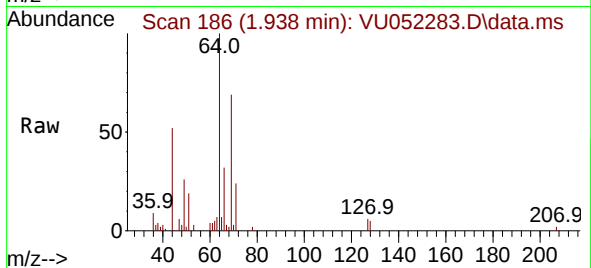
Tgt Ion: 62 Resp: 2005172
Ion Ratio Lower Upper
62 100
64 32.2 23.5 43.7





#8
Chloroethane
Concen: 0.787 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052283.D
Acq: 09 Dec 2022 05:28

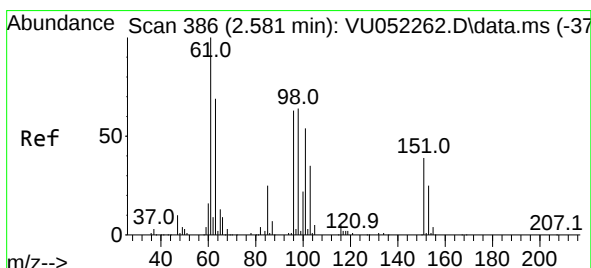
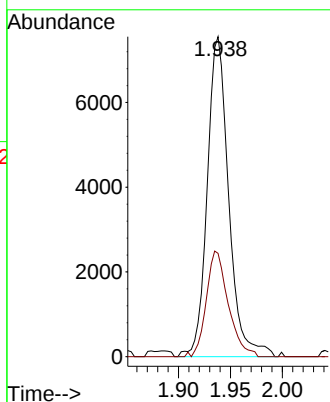
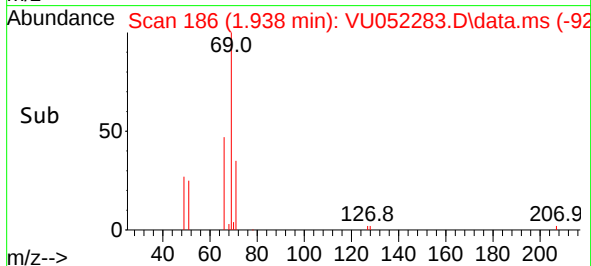
Instrument :
MSVOA_U
ClientSampleId :
COL25



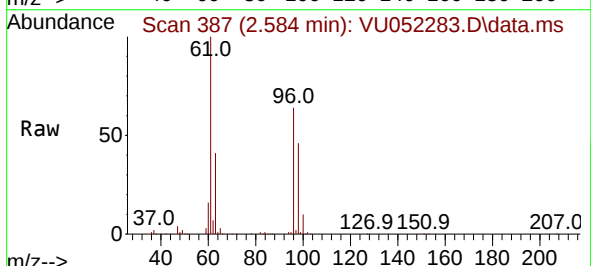
Tgt Ion: 64 Resp: 10850
Ion Ratio Lower Upper
64 100
66 32.3 21.1 39.1

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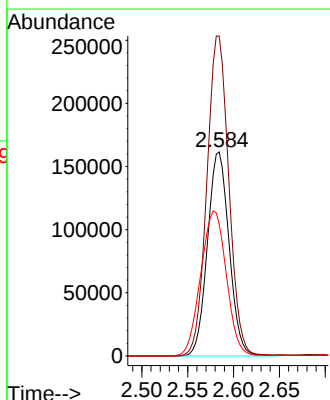
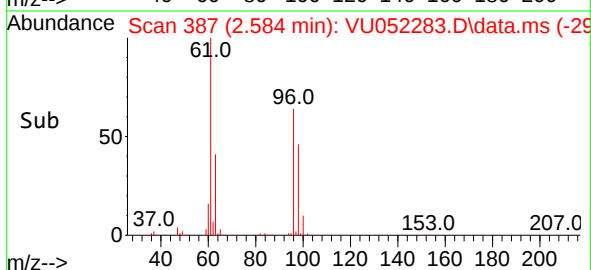
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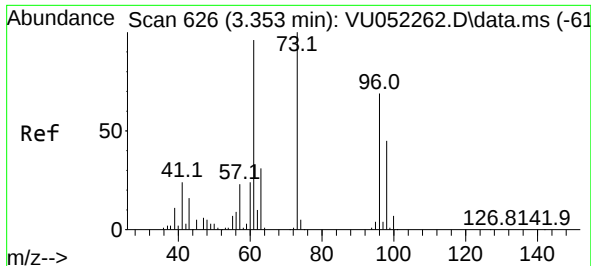


#12
1,1-Dichloroethene
Concen: 17.912 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU052283.D
Acq: 09 Dec 2022 05:28



Tgt Ion: 96 Resp: 264763
Ion Ratio Lower Upper
96 100
61 156.9 114.8 213.2
63 64.8 93.7 174.1#





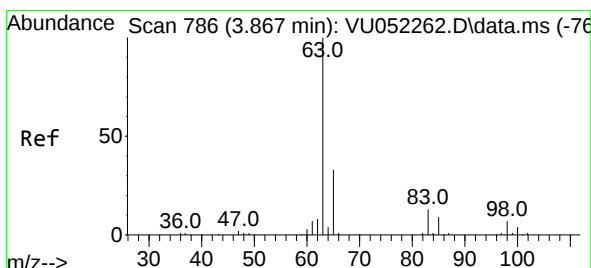
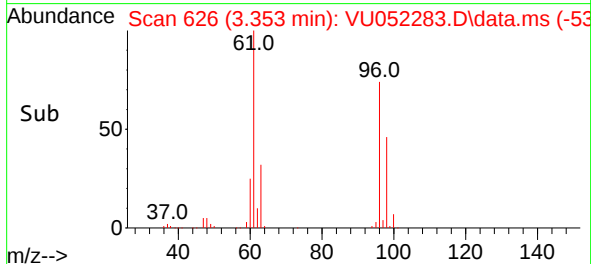
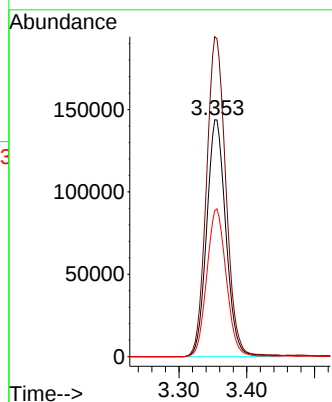
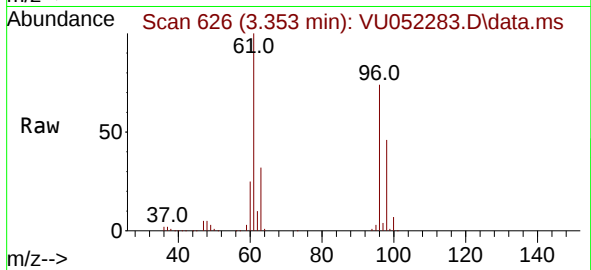
#18
trans-1,2-Dichloroethene
Concen: 17.843 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU052283.D
Acq: 09 Dec 2022 05:28

Instrument :
MSVOA_U
Client Sample Id :
COL25

Tgt Ion: 96 Resp: 282718
Ion Ratio Lower Upper
96 100
61 135.1 97.9 181.7
98 61.8 43.8 81.3

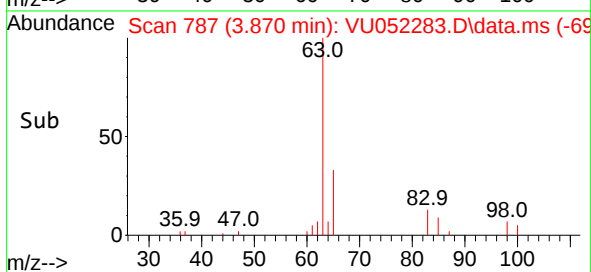
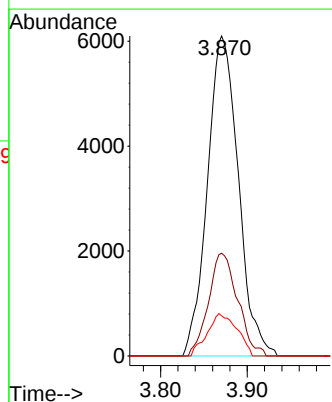
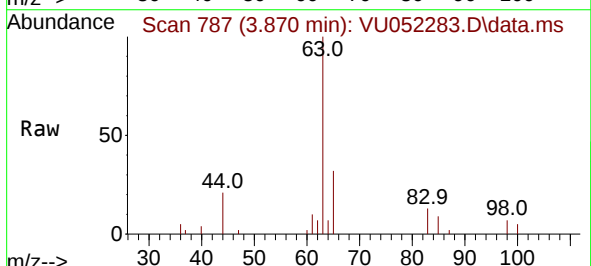
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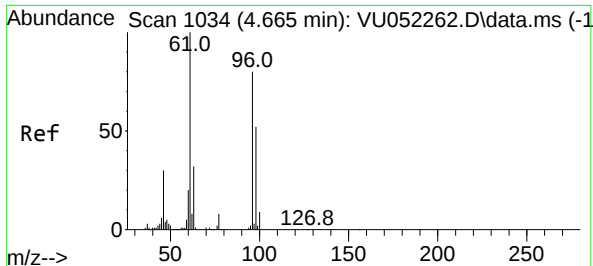
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Supervised By :Mahesh Dadoda 12/09/2022



#19
1,1-Dichloroethane
Concen: 0.530 ug/L
RT: 3.870 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU052283.D
Acq: 09 Dec 2022 05:28

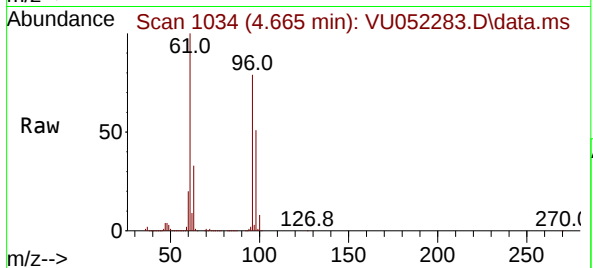
Tgt Ion: 63 Resp: 15140
Ion Ratio Lower Upper
63 100
65 32.1 22.2 41.2
83 12.6 9.2 17.0





#22
cis-1,2-Dichloroethene
Concen: 856.593 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU052283.D
Acq: 09 Dec 2022 05:28

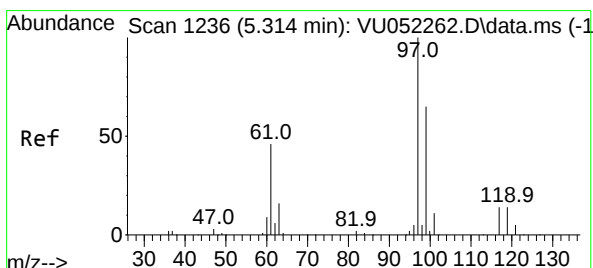
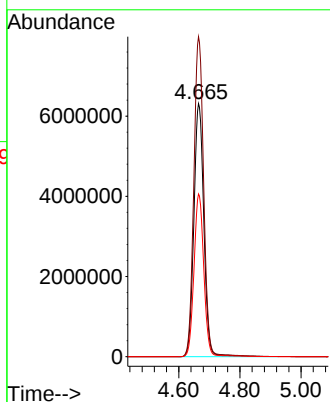
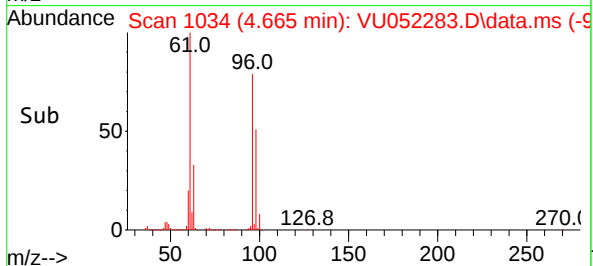
Instrument :
MSVOA_U
ClientSampleId :
COL25



Tgt Ion: 96 Resp:1424414
Ion Ratio Lower Upper
96 100
61 126.4 85.1 158.1
98 64.3 42.8 79.6

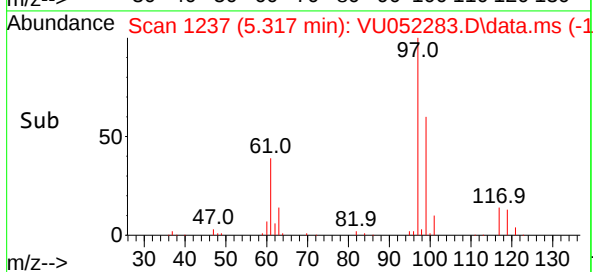
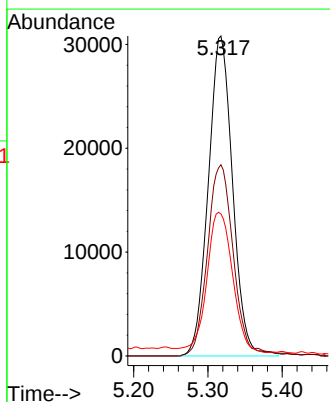
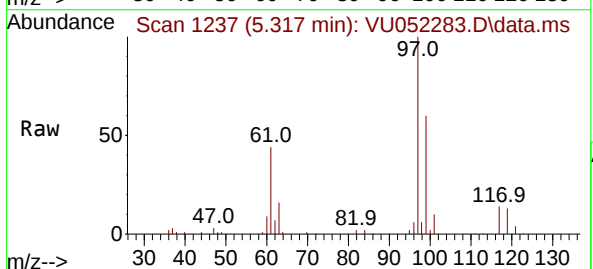
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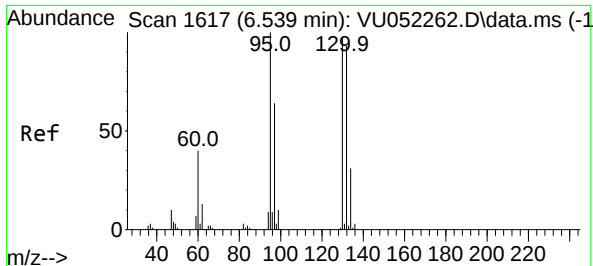
Reviewed By :Krupa Patel 12/09/2022
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#29
1,1,1-Trichloroethane
Concen: 2.959 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. 0.003 min
Lab File: VU052283.D
Acq: 09 Dec 2022 05:28

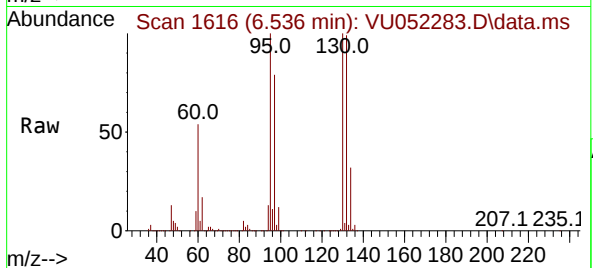
Tgt Ion: 97 Resp: 70076
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.6
61 46.5 36.9 55.3





#34
Trichloroethene
Concen: 2071.148 ug/L m
RT: 6.536 min Scan# 1617
Delta R.T. -0.007 min
Lab File: VU052283.D
Acq: 09 Dec 2022 05:28

Instrument :
MSVOA_U
ClientSampleId :
COL25

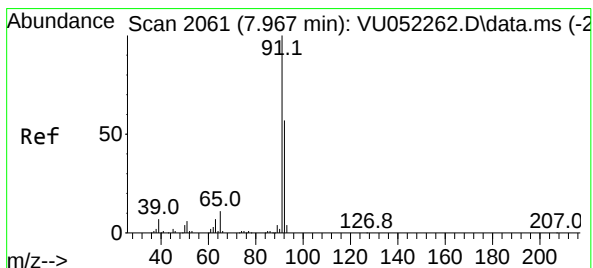
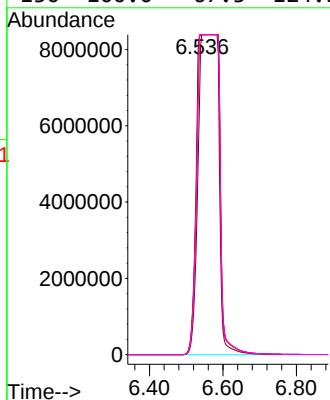
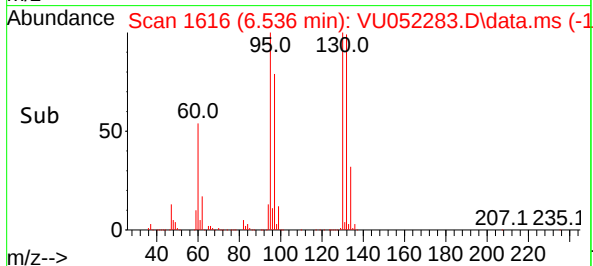


Tgt Ion: 95 Resp: 3588207

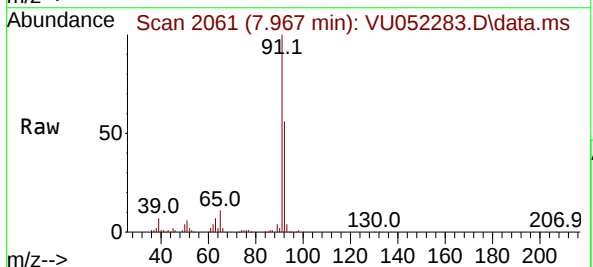
Ion	Ratio	Lower	Upper
95	100		
97	78.6	43.7	81.1
132	99.1	64.3	119.3
130	100.0	67.3	124.9

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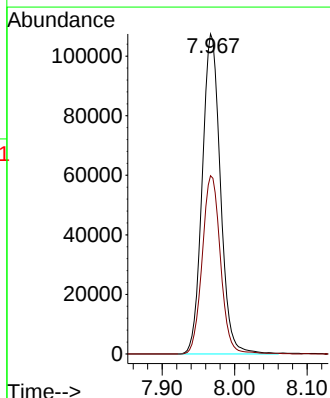
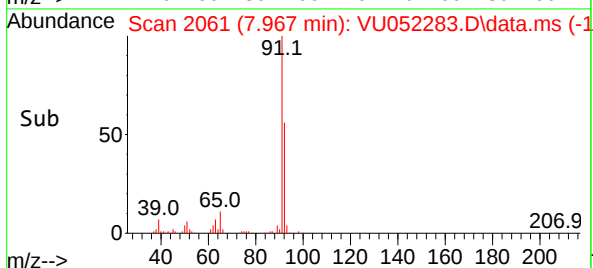


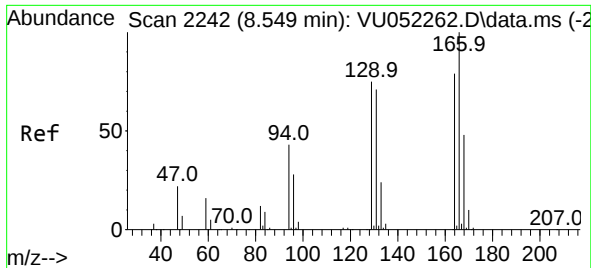
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Toluene
Concen: 2.619 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052283.D
Acq: 09 Dec 2022 05:28



Tgt Ion: 91 Resp: 187129

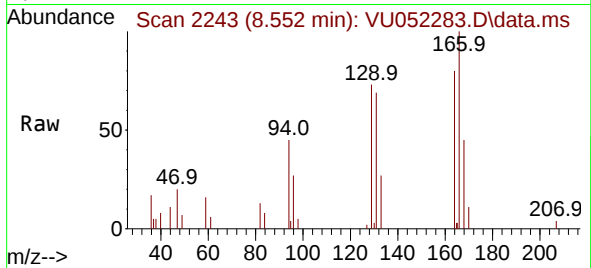
Ion	Ratio	Lower	Upper
91	100		
92	55.7	40.7	75.5





#47
Tetrachloroethene
Concen: 0.431 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052283.D
Acq: 09 Dec 2022 05:28

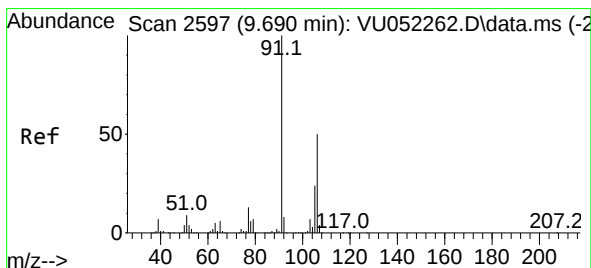
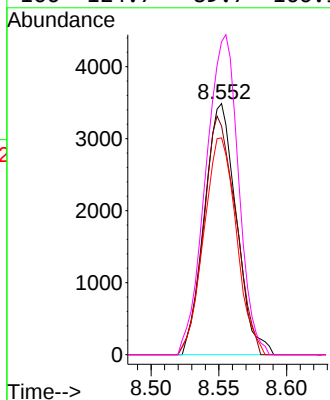
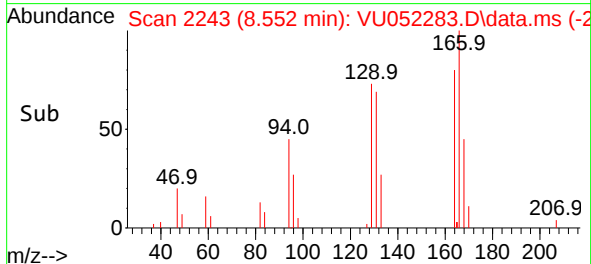
Instrument :
MSVOA_U
ClientSampleId :
COL25



Tgt Ion:164 Resp: 572
Ion Ratio Lower Upper
164 100
129 91.1 67.4 125.2
131 86.4 67.1 124.7
166 124.7 89.7 166.5

Manual Integrations
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Supervised By :Mahesh Dadoda 12/09/2022



#53
m,p-Xylene
Concen: 0.120 ug/L
RT: 9.687 min Scan# 2596
Delta R.T. -0.007 min
Lab File: VU052283.D
Acq: 09 Dec 2022 05:28

Tgt Ion:106 Resp: 3232
Ion Ratio Lower Upper
106 100
91 170.1 137.7 255.7

