

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052550.D
 Acq On : 23 Dec 2022 20:16
 Operator : JC/MD
 Sample : N6170-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB0

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/27/2022
 Supervised By :Mahesh Dadoda 12/28/2022

Quant Time: Dec 24 03:59:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 24 03:53:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	178911	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	174192	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	81019	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	61981	3.420	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	68.400%		
7) Chloroethane-d5	1.916	69	63204	4.043	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	80.800%		
11) 1,1-Dichloroethene-d2	2.568	65	29765	3.816	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	76.400%		
20) 2-Butanone-d5	4.645	46	353306	62.857	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	125.720%		
24) Chloroform-d	5.060	84	138183	4.519	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	90.400%		
26) 1,2-Dichloroethane-d4	5.700	65	85720	4.832	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.600%		
32) Benzene-d6	5.726	84	276166	4.624	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	92.400%		
36) 1,2-Dichloropropane-d6	6.687	67	101743	4.949	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	99.000%		
41) Toluene-d8	7.896	98	221550	4.419	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	88.400%		
43) trans-1,3-Dichloroprop...	8.176	79	36159	5.137	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	102.800%		
46) 2-Hexanone-d5	8.632	63	262178	68.073	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	136.140%#		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	94906	5.437	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	108.800%		
66) 1,2-Dichlorobenzene-d4	12.188	152	84338	5.113	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	102.200%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.581	96	5365	0.400	ug/L #	1
13) Acetone	2.674	43	48992m	11.824	ug/L	
16) Methylene chloride	3.047	84	20685	1.093	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	11178	0.809	ug/L	98
21) 2-Butanone	4.735	43	21834	3.578	ug/L #	67
22) cis-1,2-Dichloroethene	4.665	96	115992	7.654	ug/L	96
33) Benzene	5.771	78	17684	0.282	ug/L	100
34) Trichloroethene	6.539	95	2506898	170.912	ug/L	99
42) Toluene	7.967	91	16990	0.282	ug/L	100
47) Tetrachloroethene	8.549	164	1049251	102.480	ug/L	98
53) m,p-Xylene	9.687	106	6188	0.270	ug/L	95
54) o-Xylene	10.098	106	7712	0.350	ug/L	99

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

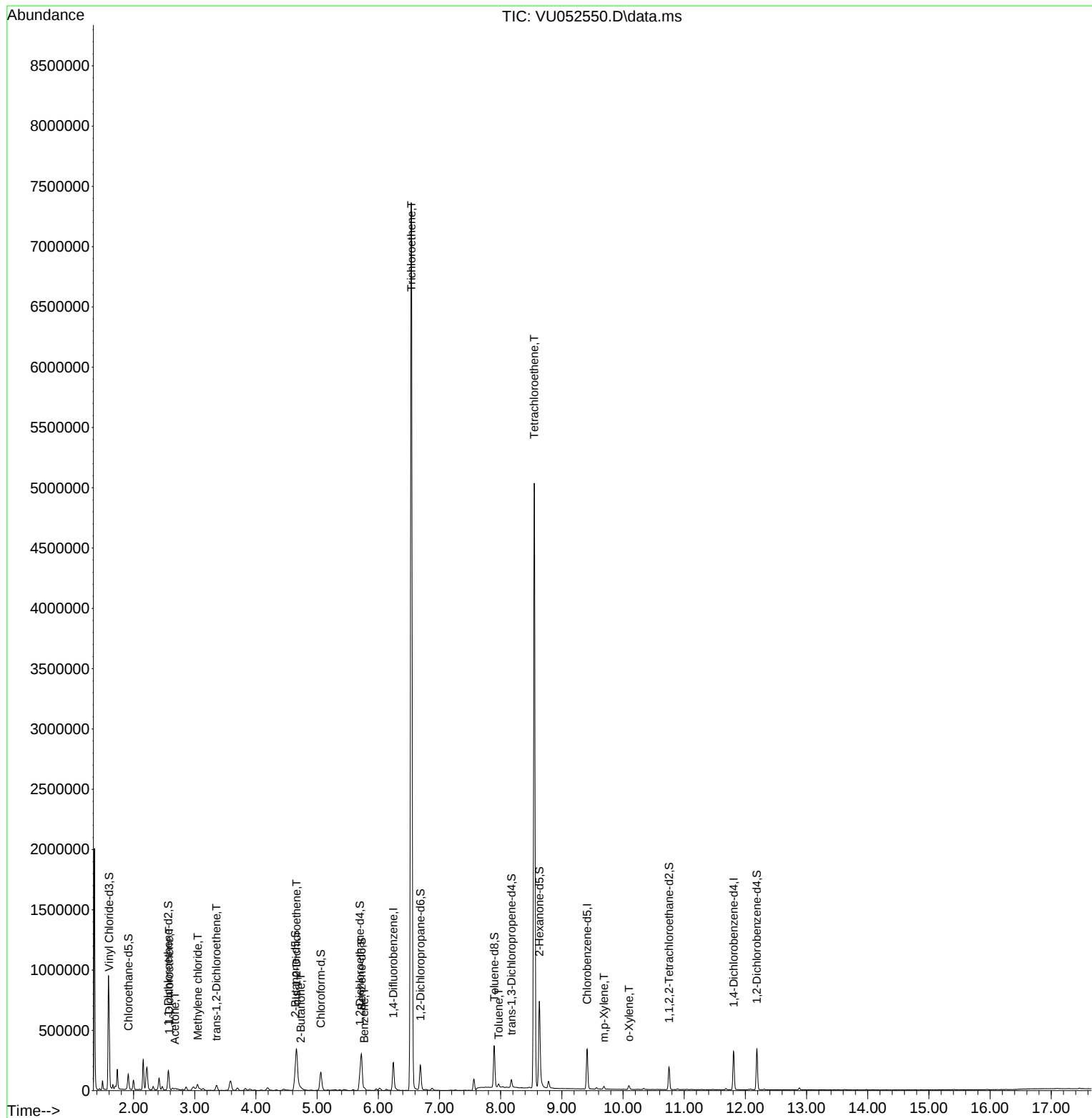
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
Data File : VU052550.D
Acq On : 23 Dec 2022 20:16
Operator : JC/MD
Sample : N6170-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

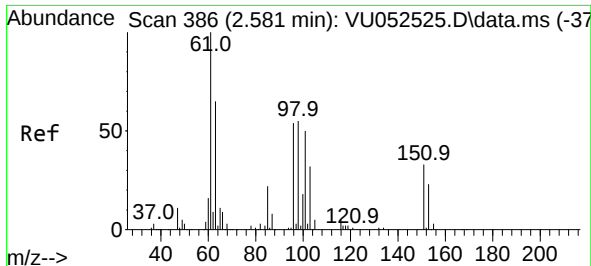
Instrument :
MSVOA_U
ClientSampleId :
GBQB0

Quant Time: Dec 24 03:59:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 24 03:53:16 2022
Response via : Initial Calibration

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#12

1,1-Dichloroethene

Concen: 0.400 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.000 min

Lab File: VU052550.D

Acq: 23 Dec 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

GBQB0

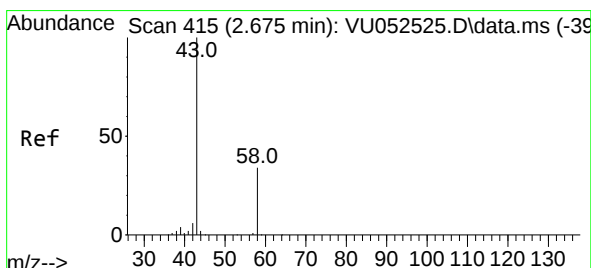
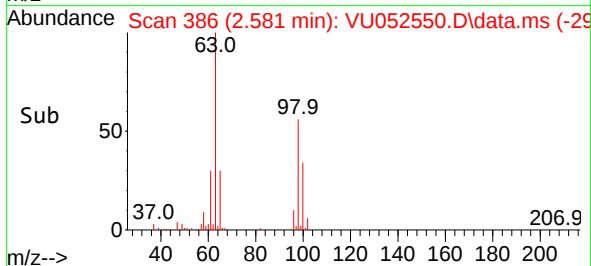
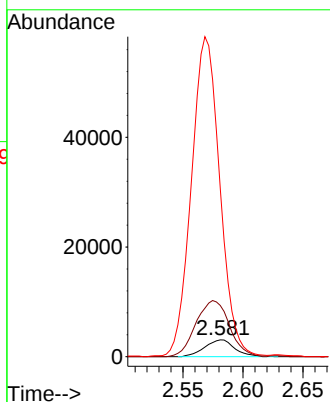
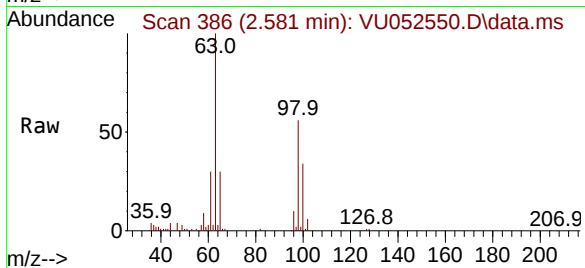
Tgt Ion:	96	Resp:	536
Ion Ratio	Lower	Upper	
96	100		
61	303.5	135.4	251.4
63	996.8	95.4	177.2

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#13

Acetone

Concen: 11.824 ug/L m

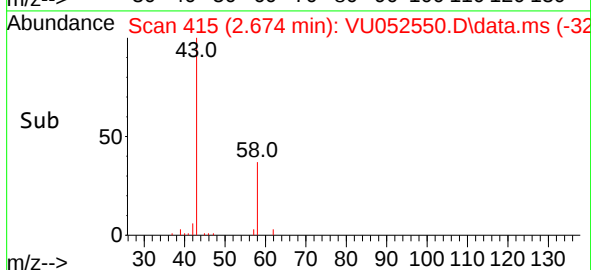
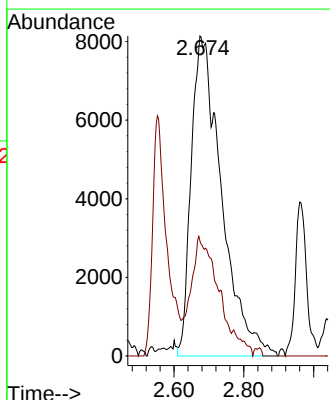
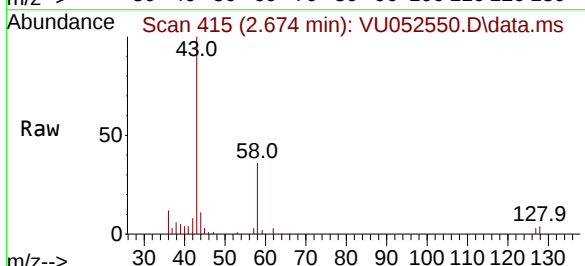
RT: 2.674 min Scan# 415

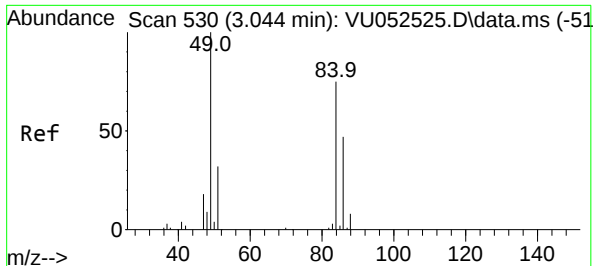
Delta R.T. -0.000 min

Lab File: VU052550.D

Acq: 23 Dec 2022 20:16

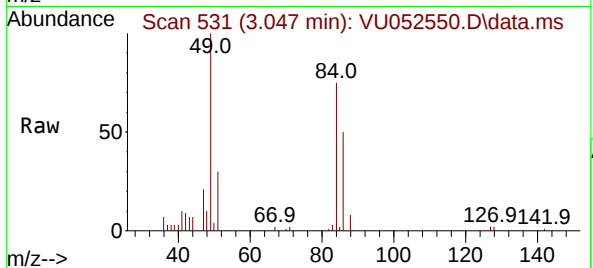
Tgt Ion:	43	Resp:	48992
Ion Ratio	Lower	Upper	
43	100		
58	24.8	0.0	65.4





#16
Methylene chloride
Concen: 1.093 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052550.D
Acq: 23 Dec 2022 20:16

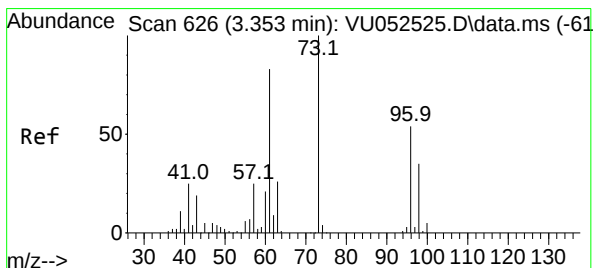
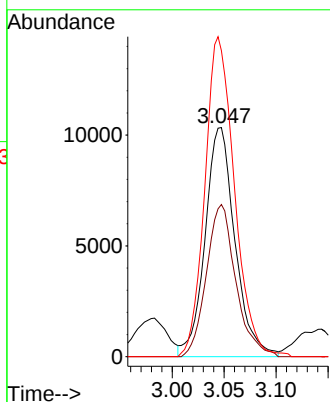
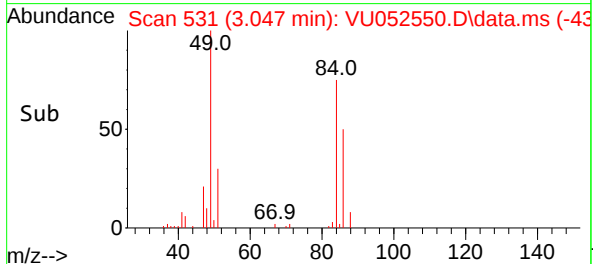
Instrument :
MSVOA_U
ClientSampleId :
GBQB0



Tgt Ion: 84 Resp: 2068
Ion Ratio Lower Upper
84 100
86 66.5 44.7 83.1
49 133.6 93.3 173.3

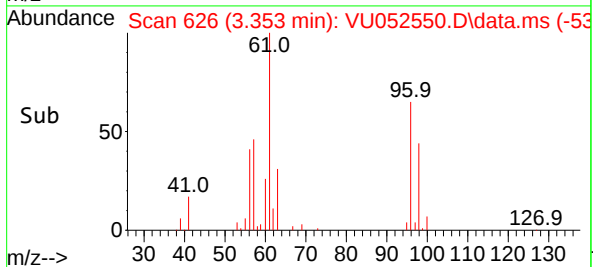
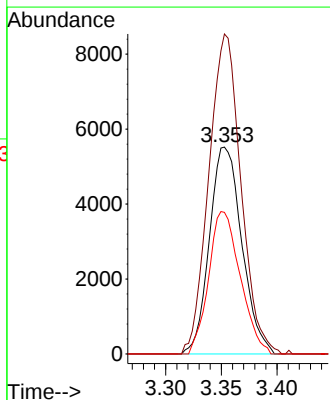
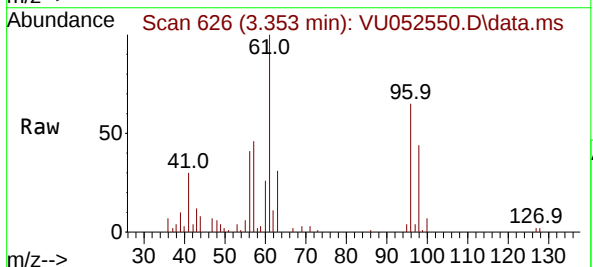
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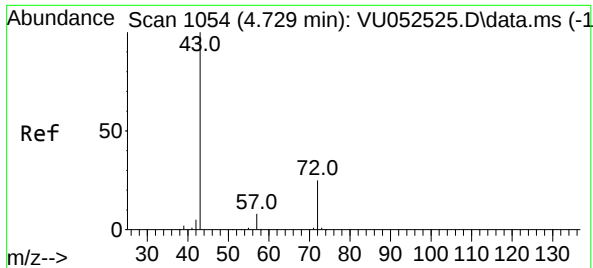
Reviewed By :Krupa Patel 12/27/2022
Supervised By :Mahesh Dadoda 12/28/2022



#18
trans-1,2-Dichloroethene
Concen: 0.809 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU052550.D
Acq: 23 Dec 2022 20:16

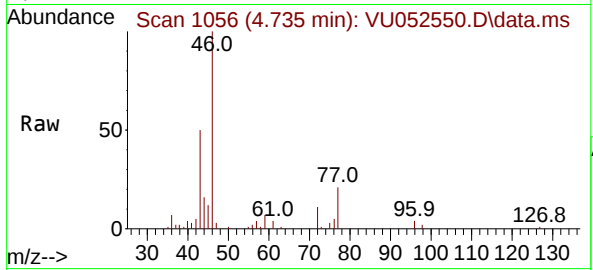
Tgt Ion: 96 Resp: 11178
Ion Ratio Lower Upper
96 100
61 154.7 108.3 201.1
98 68.4 44.0 81.6





#21
2-Butanone
Concen: 3.578 ug/L
RT: 4.735 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VU052550.D
Acq: 23 Dec 2022 20:16

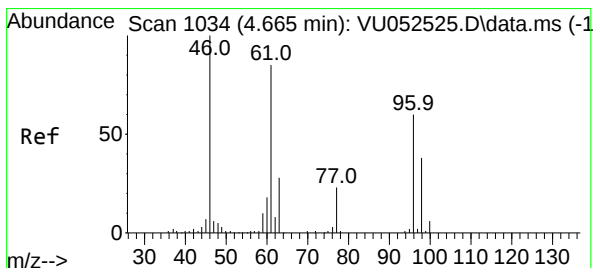
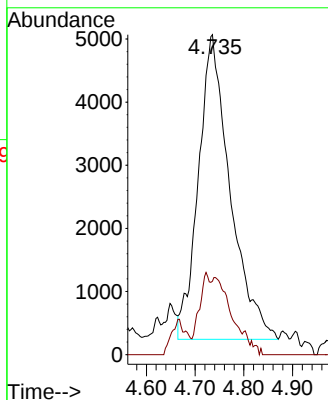
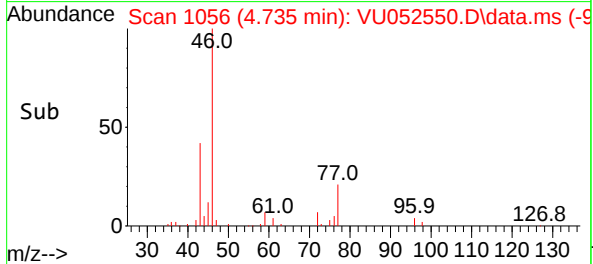
Instrument :
MSVOA_U
ClientSampleId :
GBQB0



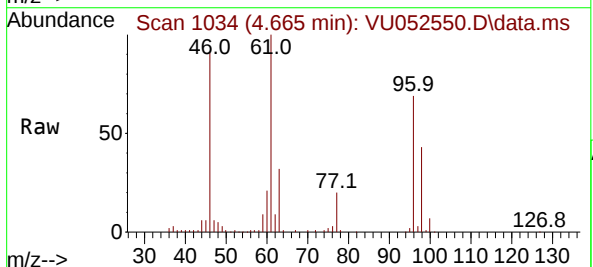
Tgt Ion: 43 Resp: 21834
Ion Ratio Lower Upper
43 100
72 7.0 11.6 34.7

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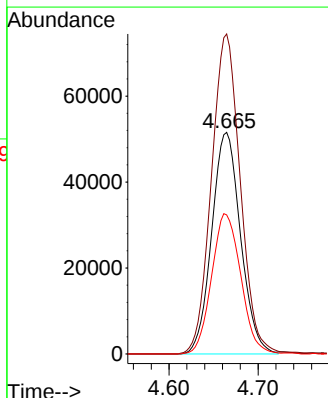
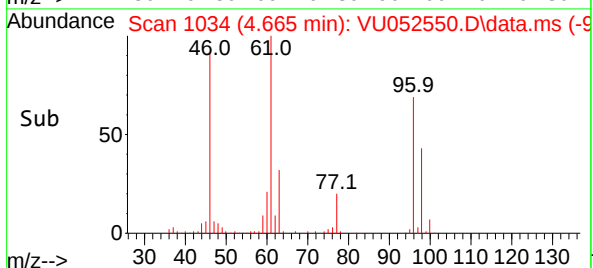
Reviewed By :Krupa Patel 12/27/2022
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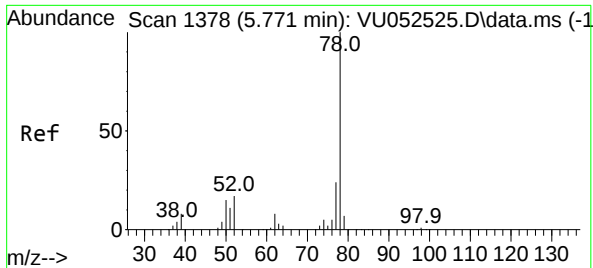


#22
cis-1,2-Dichloroethene
Concen: 7.654 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU052550.D
Acq: 23 Dec 2022 20:16



Tgt Ion: 96 Resp: 115992
Ion Ratio Lower Upper
96 100
61 144.4 96.9 180.1
98 62.8 44.7 83.1





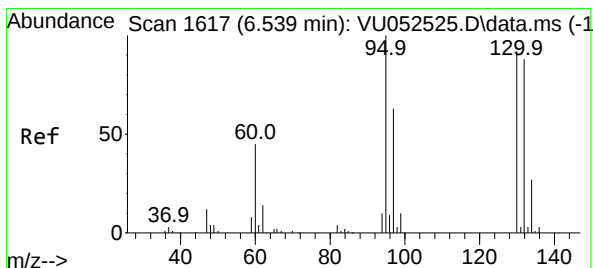
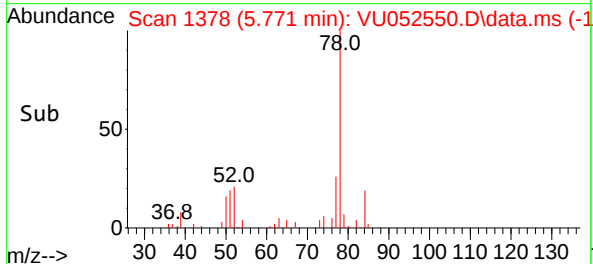
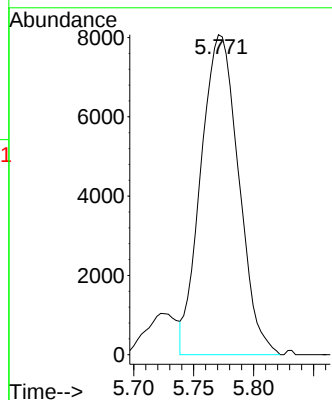
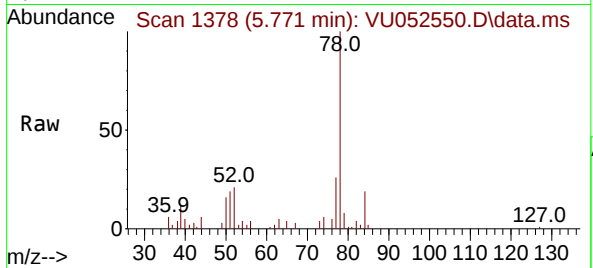
#33
Benzene
Concen: 0.282 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052550.D
Acq: 23 Dec 2022 20:16

Instrument :
MSVOA_U
ClientSampleId :
GBQB0

Tgt Ion: 78 Resp: 17684

Manual Integrations
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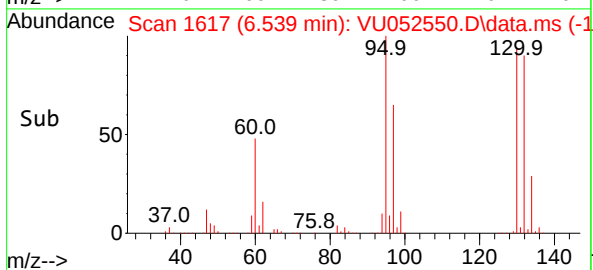
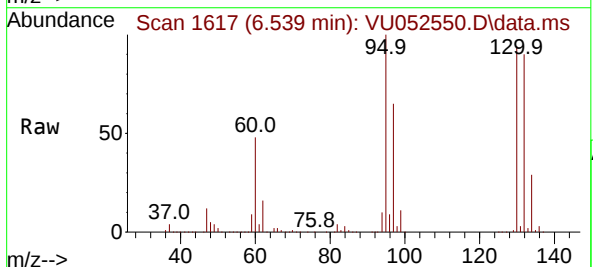
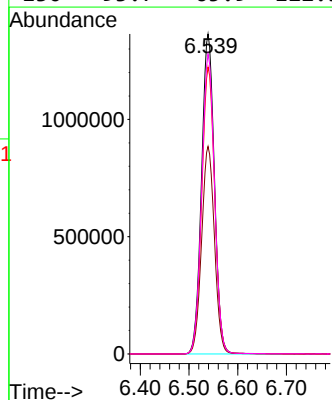
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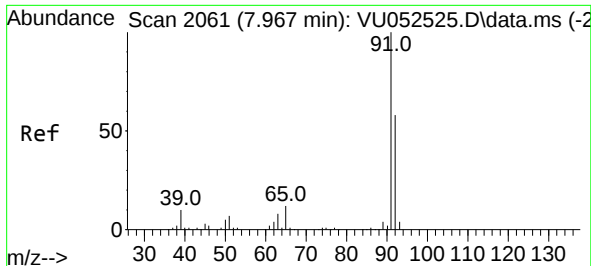


#34
Trichloroethene
Concen: 170.912 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052550.D
Acq: 23 Dec 2022 20:16

Tgt Ion: 95 Resp: 2506898

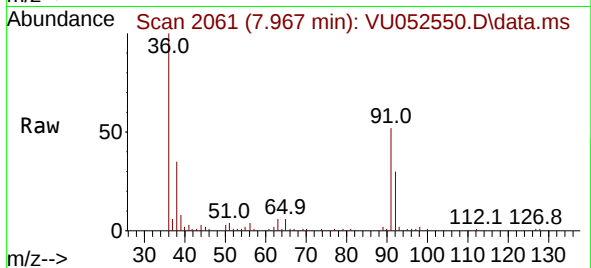
Ion	Ratio	Lower	Upper
95	100		
97	64.9	46.3	86.1
132	89.6	63.9	118.7
130	93.7	65.9	122.5





#42
Toluene
Concen: 0.282 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052550.D
Acq: 23 Dec 2022 20:16

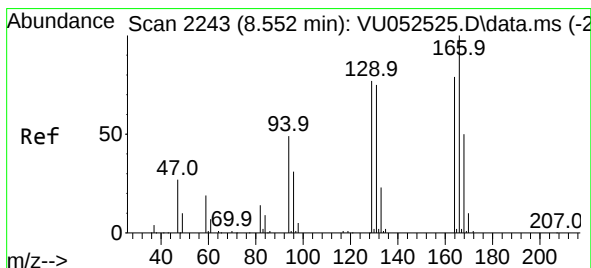
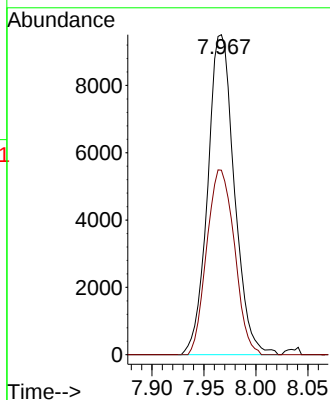
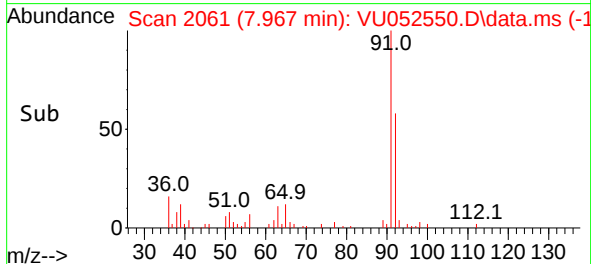
Instrument :
MSVOA_U
ClientSampleId :
GBQB0



Tgt Ion: 91 Resp: 16990
Ion Ratio Lower Upper
91 100
92 57.6 40.6 75.4

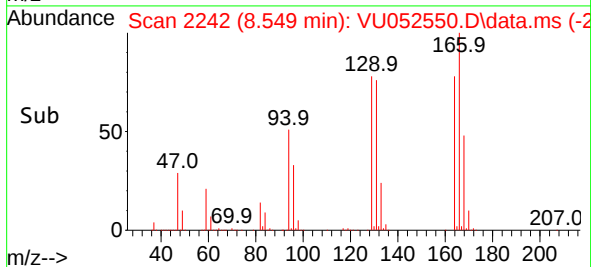
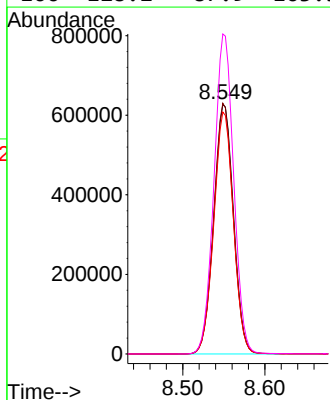
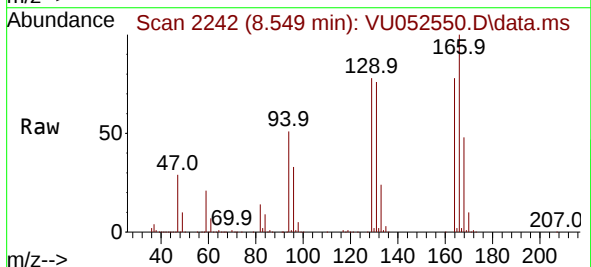
Manual Integrations
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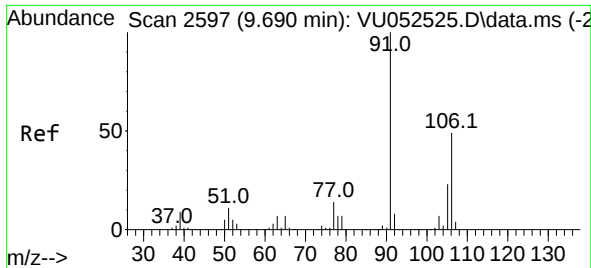
Reviewed By :Krupa Patel 12/27/2022
Supervised By :Mahesh Dadoda 12/28/2022



#47
Tetrachloroethene
Concen: 102.480 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU052550.D
Acq: 23 Dec 2022 20:16

Tgt Ion:164 Resp: 1049251
Ion Ratio Lower Upper
164 100
129 100.4 68.1 126.5
131 96.9 66.5 123.5
166 128.2 87.9 163.3





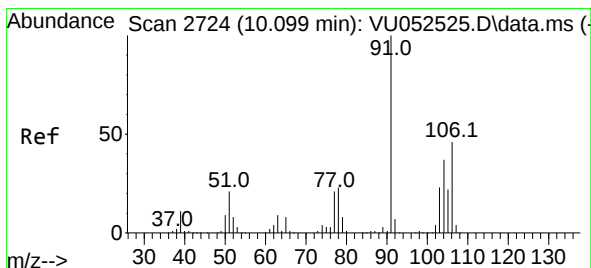
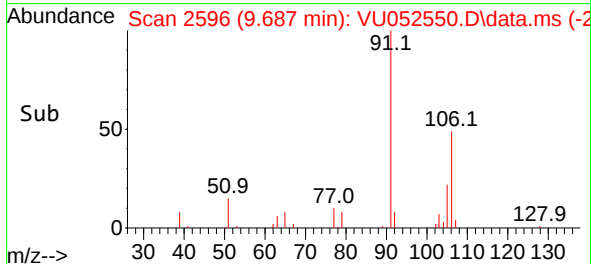
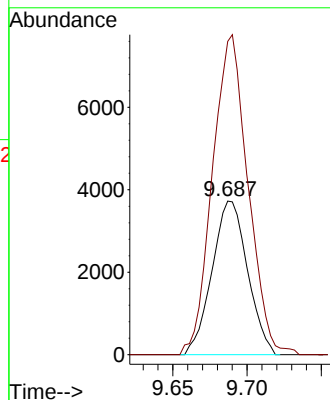
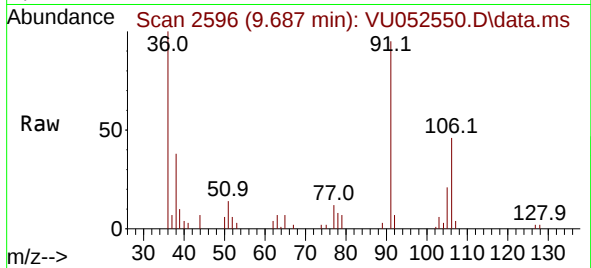
#53
m,p-Xylene
Concen: 0.270 ug/L
RT: 9.687 min Scan# 2596
Delta R.T. -0.003 min
Lab File: VU052550.D
Acq: 23 Dec 2022 20:16

Instrument :
MSVOA_U
ClientSampleId :
GBQB0

Tgt Ion:106 Resp: 6188
Ion Ratio Lower Upper
106 100
91 204.0 148.2 275.2

Manual Integrations
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Supervised By :Mahesh Dadoda 12/28/2022



#54
o-Xylene
Concen: 0.350 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU052550.D
Acq: 23 Dec 2022 20:16

Tgt Ion:106 Resp: 7712
Ion Ratio Lower Upper
106 100
91 217.2 153.2 284.4

