

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
 Data File : VU051845.D
 Acq On : 14 Nov 2022 19:39
 Operator : JC/MD
 Sample : N5592-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB0

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 03:06:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 03:00:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	148175	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	148927	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	53992	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48916	4.383	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.909	69	52825	4.539	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.565	65	20587	5.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.600%
20) 2-Butanone-d5	4.617	46	186008	46.023	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.040%
24) Chloroform-d	5.060	84	138186	5.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	5.700	65	68209	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.726	84	223512	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.687	67	84947	5.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.896	98	162535	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.179	79	19966	3.973	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.629	63	166272	54.968	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.940%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	80227	5.327	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	60550	6.110	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.200%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	3191008	247.720	ug/L #	84
16) Methylene chloride	3.044	84	6507	0.308	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	10615	0.359	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	2678	0.194	ug/L	91
19) 1,1-Dichloroethane	3.867	63	149513	5.863	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	150611	9.846	ug/L	99
25) Chloroform	5.086	83	324876	12.281	ug/L	99
27) 1,2-Dichloroethane	5.793	62	6152	0.378	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	94678	4.682	ug/L	99
31) Carbon tetrachloride	5.523	117	62236	3.599	ug/L	99
33) Benzene	5.774	78	37721	0.642	ug/L	100
34) Trichloroethene	6.542	95	11609808	818.565	ug/L	95
38) Bromodichloromethane	7.105	83	1694	0.092	ug/L #	95
45) 1,1,2-Trichloroethane	8.401	97	11132	1.005	ug/L	97
47) Tetrachloroethene	8.555	164	21080671m	1940.710	ug/L	
64) 1,3-Dichlorobenzene	11.745	146	3384	0.172	ug/L	88
67) 1,2-Dichlorobenzene	12.211	146	6568	0.344	ug/L	97

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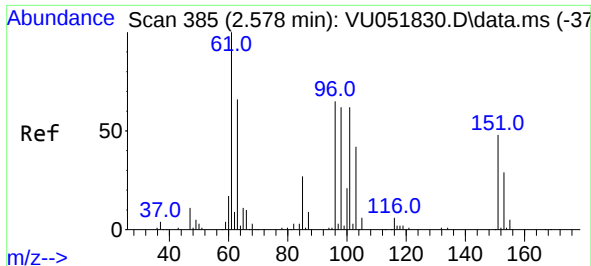
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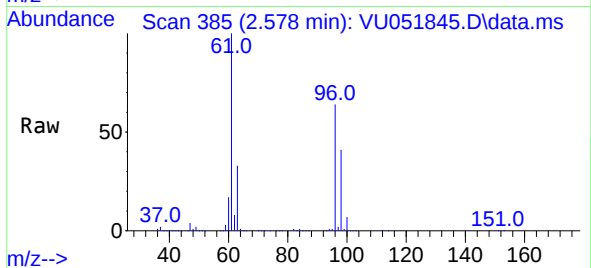
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#12
1,1-Dichloroethene
Concen: 247.720 ug/L
RT: 2.578 min Scan# 319100
Delta R.T. 0.000 min
Lab File: VU051845.D
Acq: 14 Nov 2022 19:39

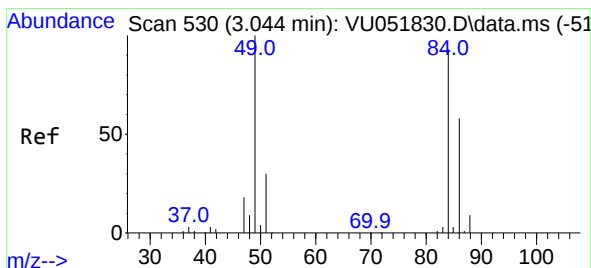
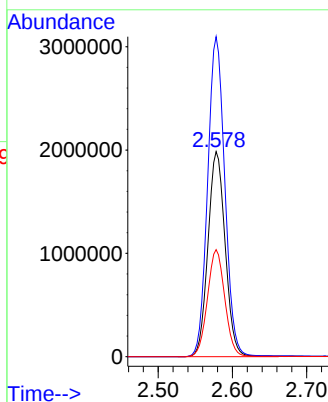
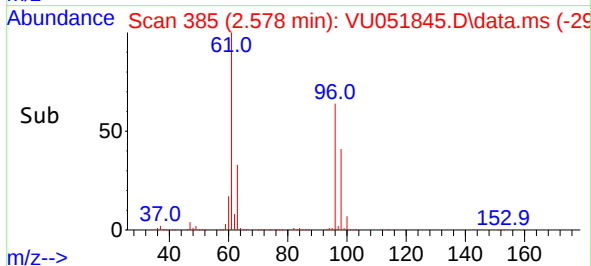
Instrument :
MSVOA_U
ClientSampleId :
H0AB0



Tgt Ion: 96 Resp: 319100
Ion Ratio Lower Upper
96 100
61 155.9 108.8 202.0
63 52.2 64.9 120.5

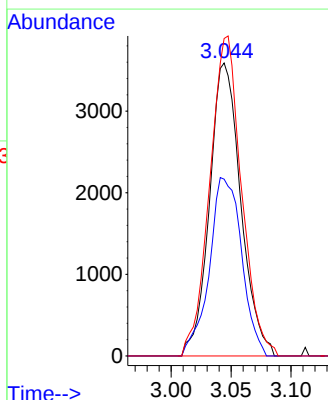
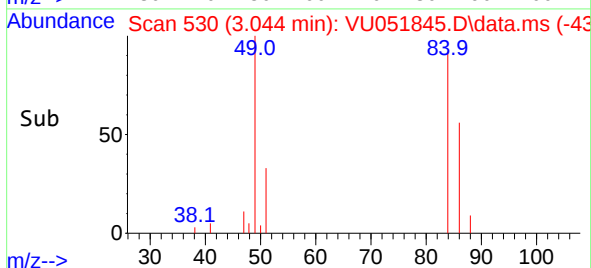
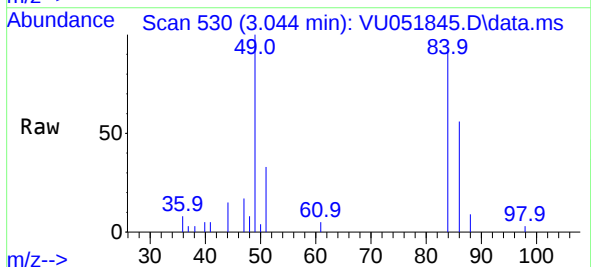
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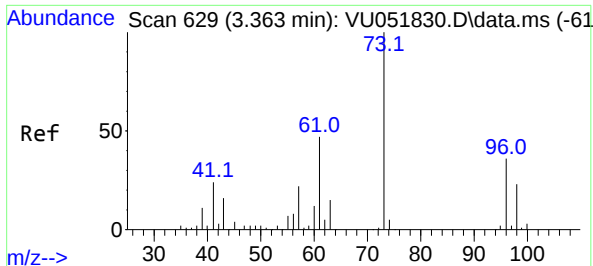
Reviewed By :Krupa Patel 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#16
Methylene chloride
Concen: 0.308 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051845.D
Acq: 14 Nov 2022 19:39

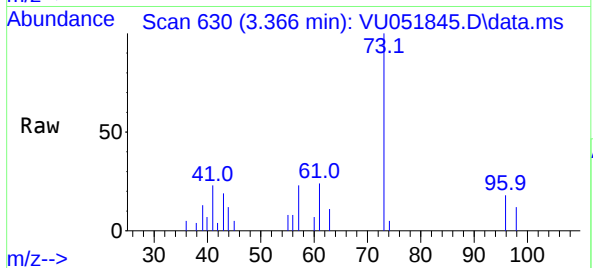
Tgt Ion: 84 Resp: 6507
Ion Ratio Lower Upper
84 100
86 60.3 46.3 85.9
49 108.4 76.0 141.2





#17
Methyl tert-butyl Ether
Concen: 0.359 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051845.D
Acq: 14 Nov 2022 19:39

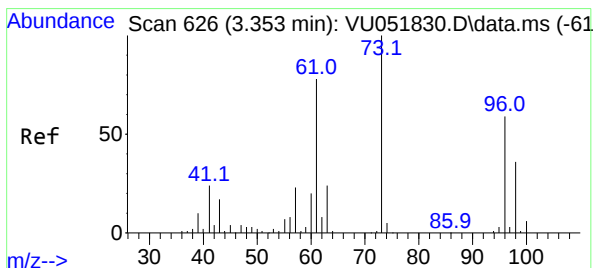
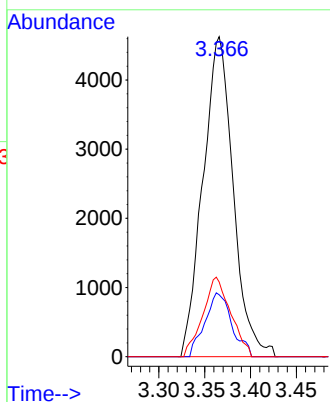
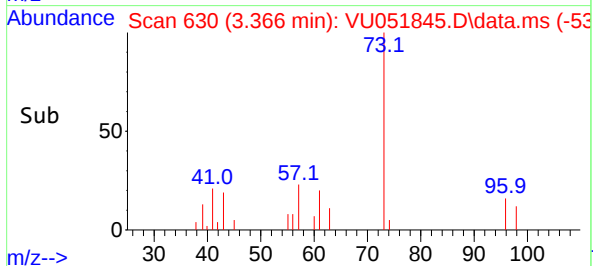
Instrument :
MSVOA_U
ClientSampleId :
H0AB0



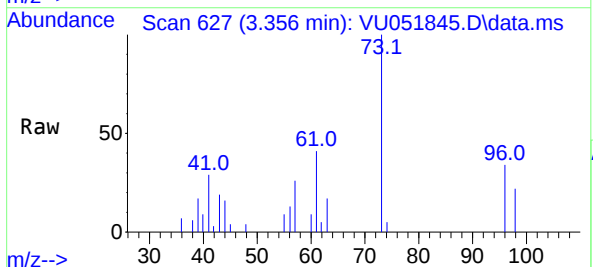
Tgt Ion: 73 Resp: 1061
Ion Ratio Lower Upper
73 100
43 17.7 13.6 20.4
57 22.9 17.5 26.3

Manual Integrations
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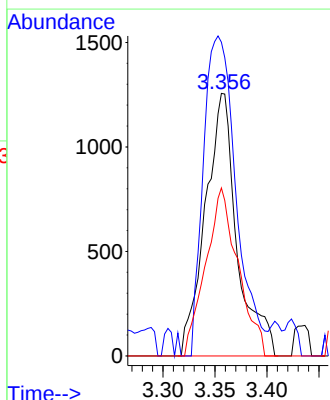
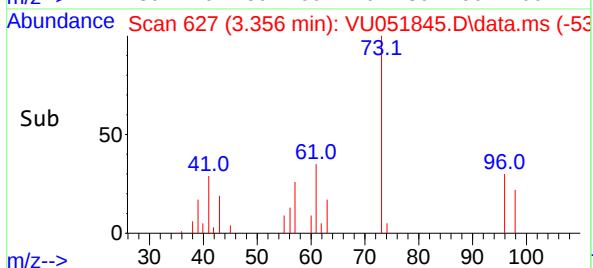
Reviewed By :Krupa Patel 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

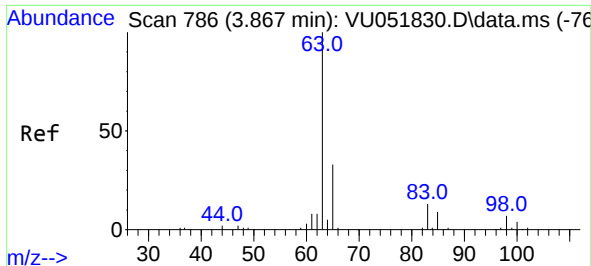


#18
trans-1,2-Dichloroethene
Concen: 0.194 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.003 min
Lab File: VU051845.D
Acq: 14 Nov 2022 19:39



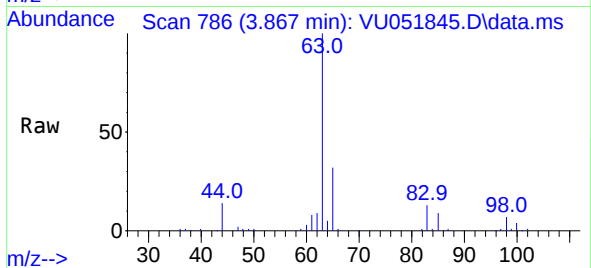
Tgt Ion: 96 Resp: 2678
Ion Ratio Lower Upper
96 100
61 119.5 94.7 175.9
98 64.0 44.2 82.0





#19
1,1-Dichloroethane
Concen: 5.863 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051845.D
Acq: 14 Nov 2022 19:39

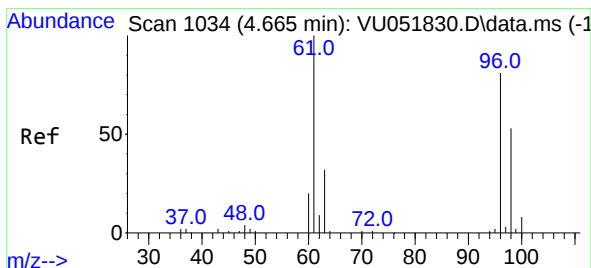
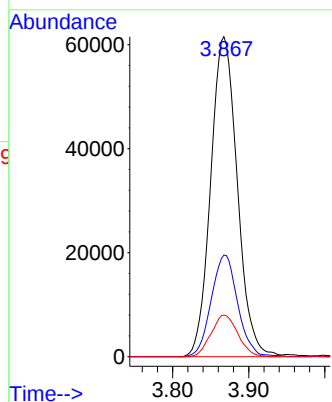
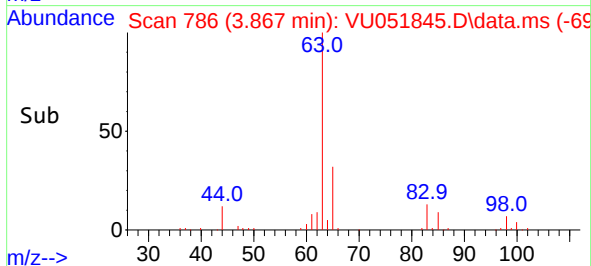
Instrument :
MSVOA_U
ClientSampleId :
H0AB0



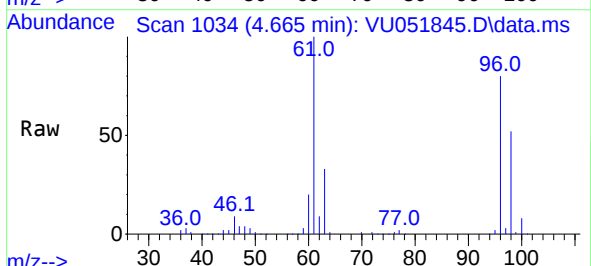
Tgt Ion: 63 Resp: 14951
Ion Ratio Lower Upper
63 100
65 31.8 22.7 42.1
83 13.0 9.2 17.0

Manual Integrations
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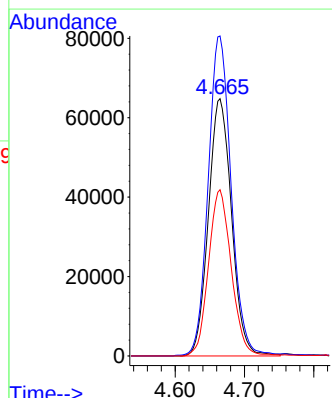
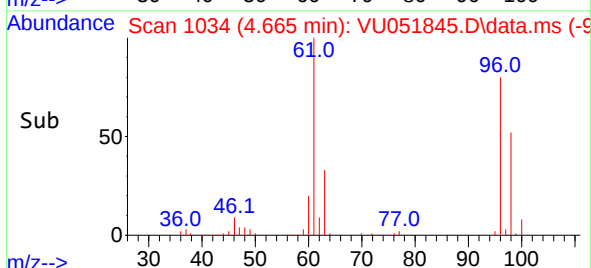
Reviewed By :Krupa Patel 11/15/2022
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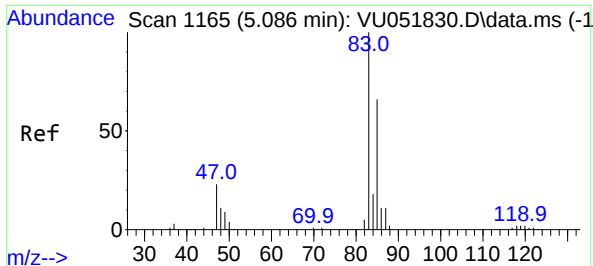


#22
cis-1,2-Dichloroethene
Concen: 9.846 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051845.D
Acq: 14 Nov 2022 19:39



Tgt Ion: 96 Resp: 150611
Ion Ratio Lower Upper
96 100
61 124.4 86.4 160.4
98 64.6 44.2 82.2





#25

Chloroform

Concen: 12.281 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051845.D

Acq: 14 Nov 2022 19:39

Instrument :

MSVOA_U

ClientSampleId :

H0AB0

Tgt Ion: 83 Resp: 324870

Ion Ratio Lower Upper

83 100

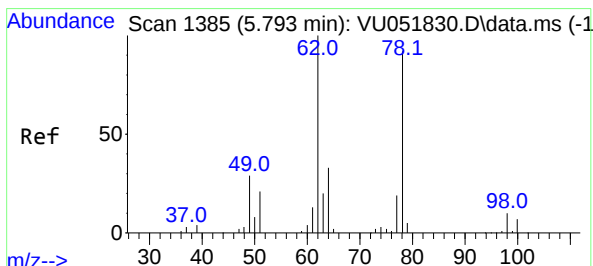
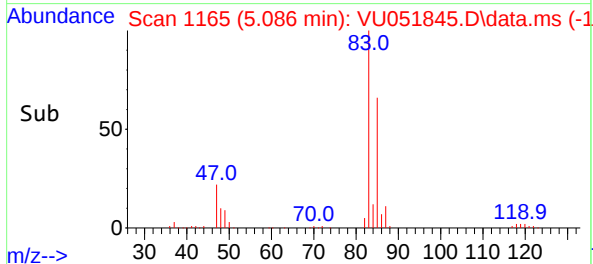
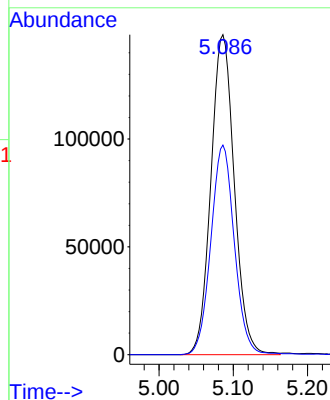
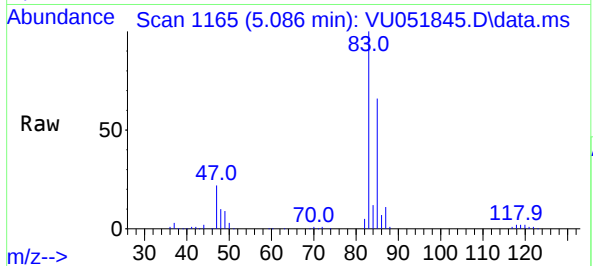
85 65.5 45.2 84.0

Manual Integrations

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#27

1,2-Dichloroethane

Concen: 0.378 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051845.D

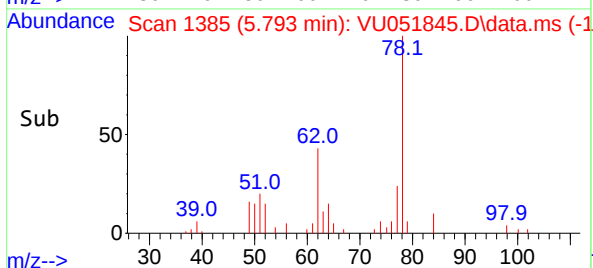
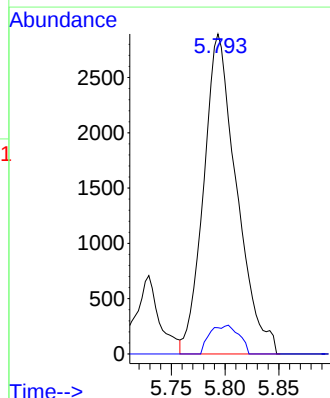
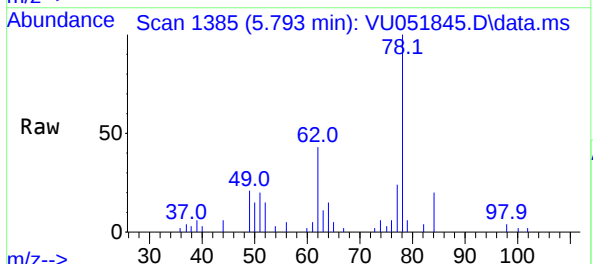
Acq: 14 Nov 2022 19:39

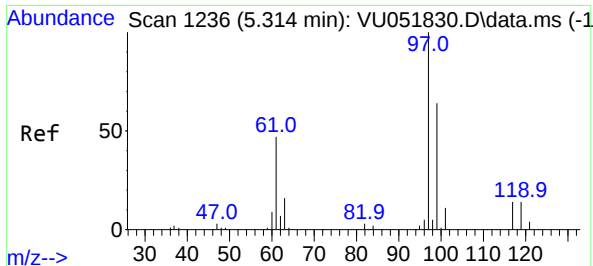
Tgt Ion: 62 Resp: 6152

Ion Ratio Lower Upper

62 100

98 8.2 7.4 11.0





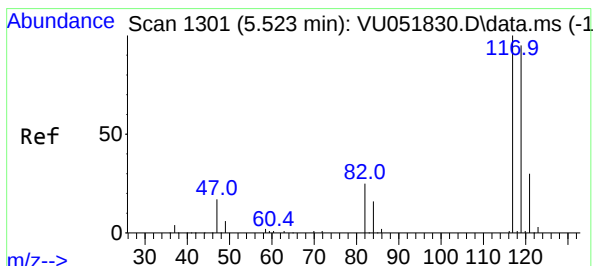
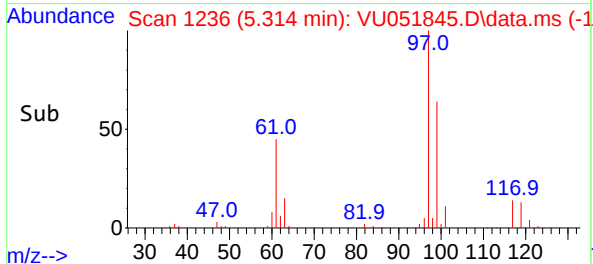
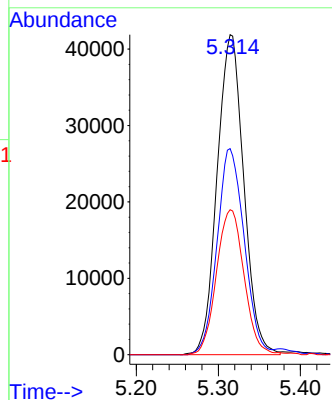
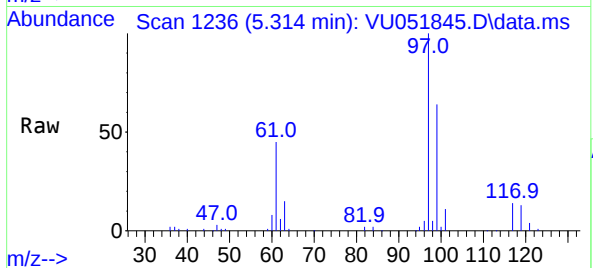
#29
1,1,1-Trichloroethane
Concen: 4.682 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU051845.D
Acq: 14 Nov 2022 19:39

Instrument :
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Tgt Ion: 97 Resp: 94678
Ion Ratio Lower Upper
97 100
99 65.7 51.1 76.7
61 47.0 37.4 56.0

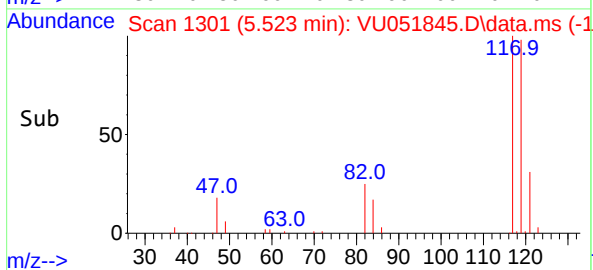
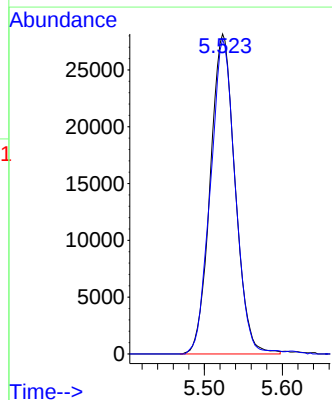
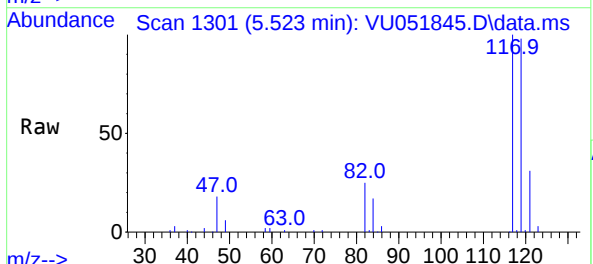
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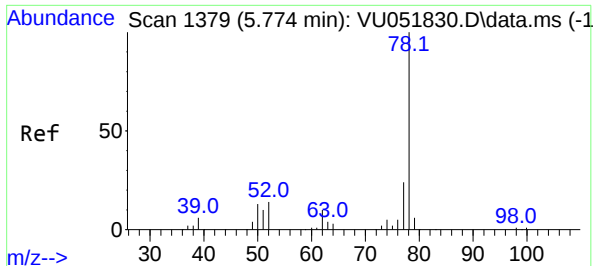
Reviewed By :Krupa Patel 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#31
Carbon tetrachloride
Concen: 3.599 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU051845.D
Acq: 14 Nov 2022 19:39

Tgt Ion:117 Resp: 62236
Ion Ratio Lower Upper
117 100
119 98.0 77.5 116.3





Benzene

Concen: 0.642 ug/L

RT: 5.774 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VU051845.D

Acq: 14 Nov 2022 19:39

Instrument :

MSVOA_U

ClientSampleId :

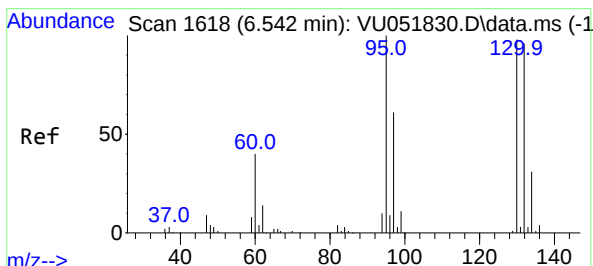
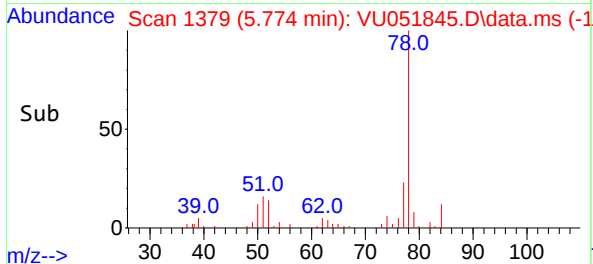
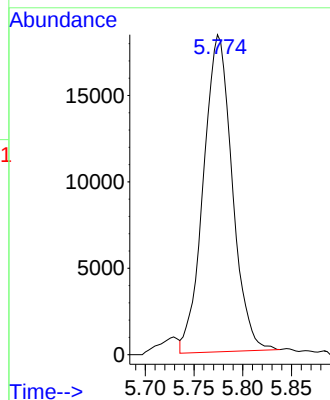
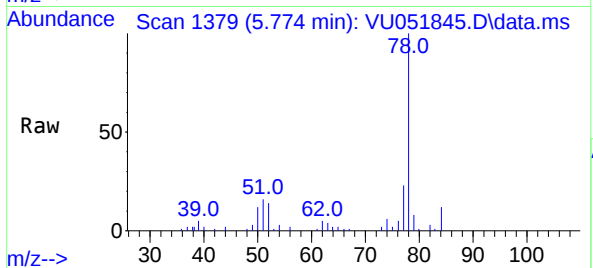
H0AB0

Tgt Ion: 78 Resp: 3772

Manual Integrations
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Supervised By :Mahesh Dadoda 11/15/2022



Trichloroethene

Concen: 818.565 ug/L

RT: 6.542 min Scan# 1618

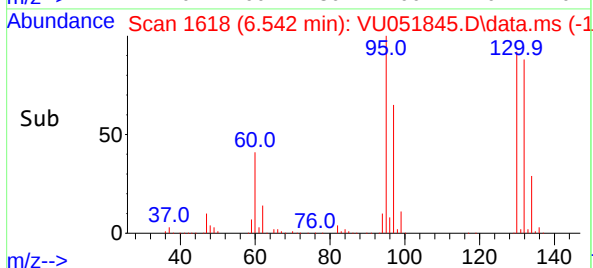
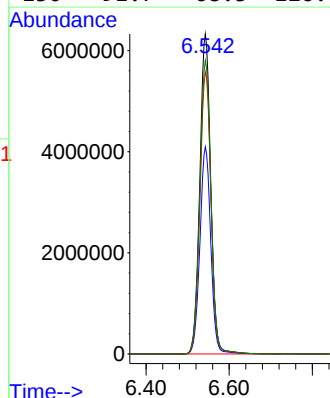
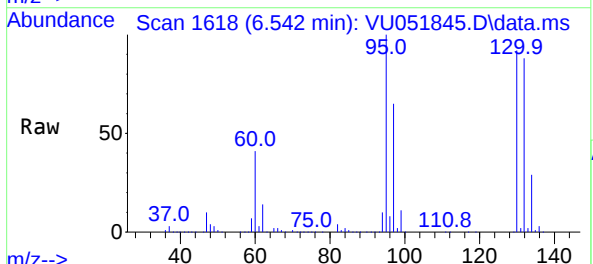
Delta R.T. 0.000 min

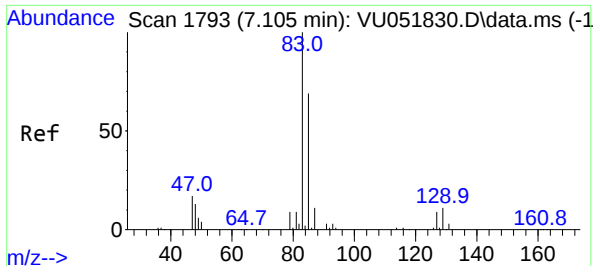
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Acq: 14 Nov 2022 19:39

Tgt Ion: 95 Resp:11609808

Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.2	84.0
132	88.1	66.5	123.5
130	91.7	68.3	126.8





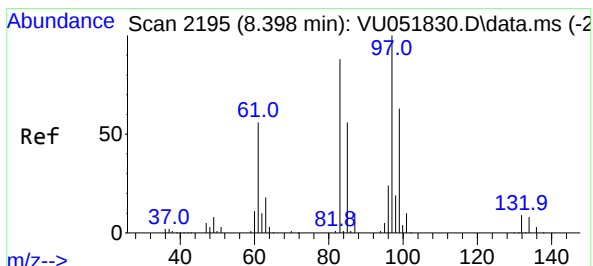
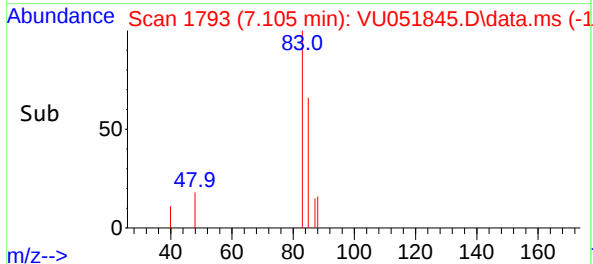
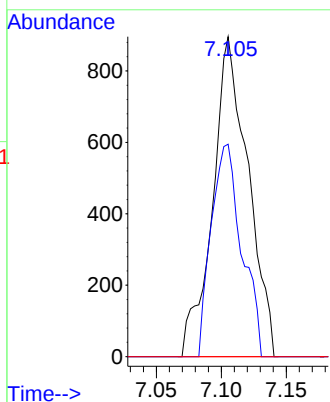
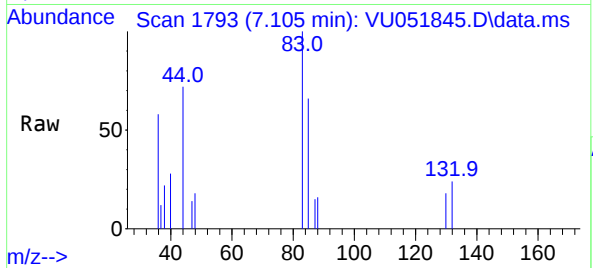
#38
Bromodichloromethane
Concen: 0.092 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051845.D
Acq: 14 Nov 2022 19:39

Instrument :
MSVOA_U
ClientSampleId :
H0AB0

Tgt Ion: 83 Resp: 1694
Ion Ratio Lower Upper
83 100
85 66.4 45.1 83.7
127 0.0 6.6 9.8

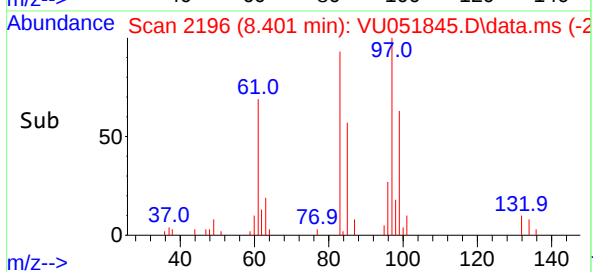
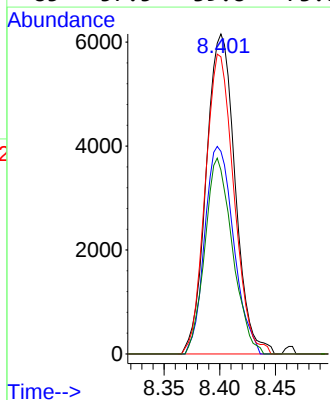
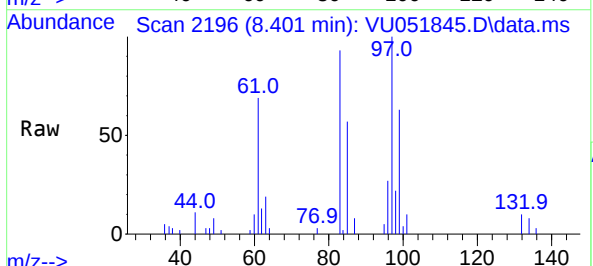
Manual Integrations
APPROVED

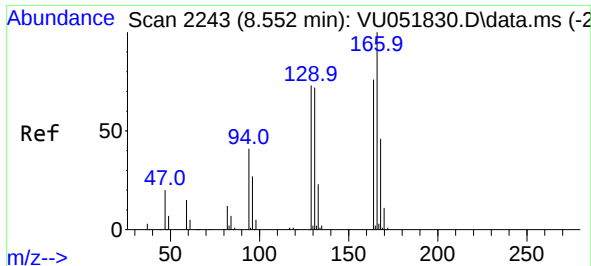
Reviewed By :Krupa Patel 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#45
1,1,2-Trichloroethane
Concen: 1.005 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU051845.D
Acq: 14 Nov 2022 19:39

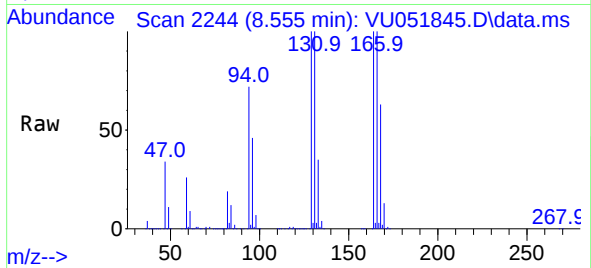
Tgt Ion: 97 Resp: 11132
Ion Ratio Lower Upper
97 100
99 63.3 43.4 80.6
83 92.8 61.3 113.9
85 57.5 39.8 73.8





#47
Tetrachloroethene
Concen: 1940.710 ug/L m
RT: 8.555 min Scan# 2108067
Delta R.T. 0.003 min
Lab File: VU051845.D
Acq: 14 Nov 2022 19:39

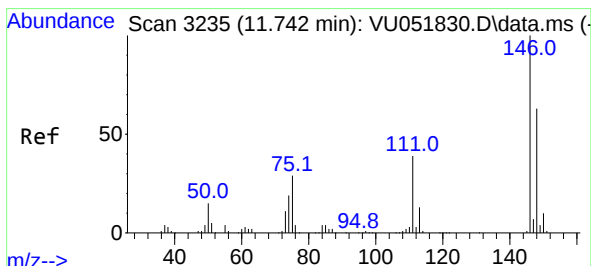
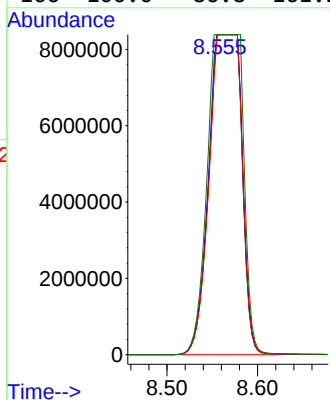
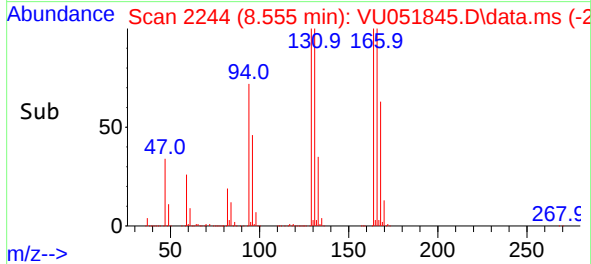
Instrument :
MSVOA_U
ClientSampleId :
H0AB0



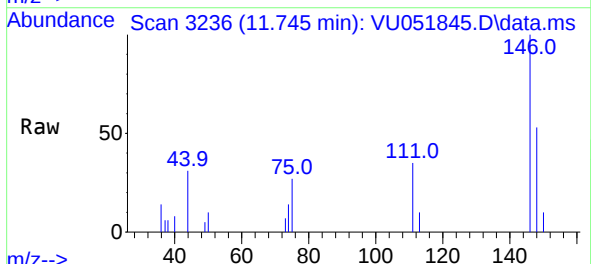
Tgt Ion:164 Resp:2108067
Ion Ratio Lower Upper
164 100
129 100.0 64.0 118.8
131 100.0 60.7 112.7
166 100.0 86.8 161.2

Manual Integrations
APPROVED

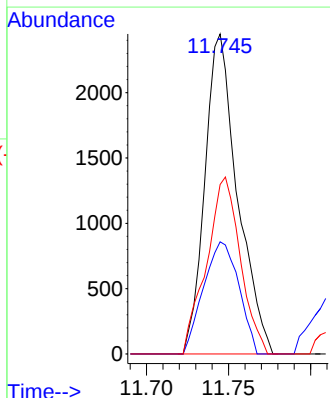
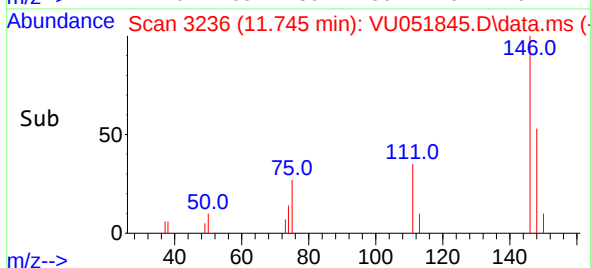
Reviewed By :Krupa Patel 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022

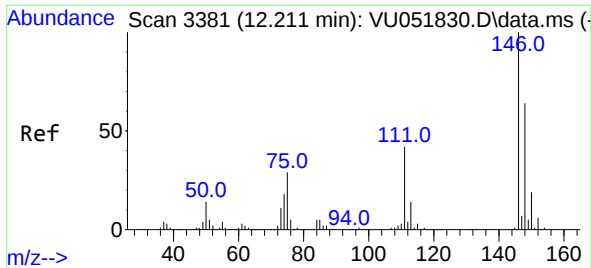


#64
1,3-Dichlorobenzene
Concen: 0.172 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU051845.D
Acq: 14 Nov 2022 19:39



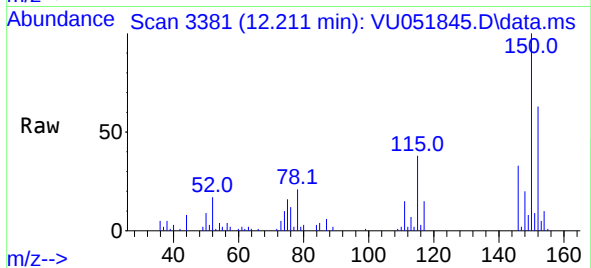
Tgt Ion:146 Resp: 3384
Ion Ratio Lower Upper
146 100
111 35.1 28.6 53.2
148 53.0 44.7 82.9





#67
 1,2-Dichlorobenzene
 Concen: 0.344 ug/L
 RT: 12.211 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU051845.D
 Acq: 14 Nov 2022 19:39

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB0



Tgt Ion:146 Resp: 6568
 Ion Ratio Lower Upper
 146 100
 111 46.3 34.2 51.2
 148 61.9 50.1 75.1

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

