

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
 Data File : VU046871.D
 Acq On : 27 Jan 2022 15:17
 Operator : SY/MD
 Sample : N1260-12DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX3DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 28 01:00:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 28 00:56:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	111798	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	120097	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	61584	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	34286m	3.619	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.919	69	29826m	3.996	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.556	65	14301	3.795	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.652	46	110153	39.250	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.500%
24) Chloroform-d	5.067	84	68240	4.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.703	65	40184	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.726	84	139291	3.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.691	67	43963	4.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.899	98	114979	3.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	8.186	79	16622	3.571	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.400%
46) 2-Hexanone-d5	8.671	63	106388	38.605	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.220%
56) 1,1,2,2-Tetrachloroeth...	10.768	84	43535	4.092	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	46731	4.046	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.141	101	10826	0.985	ug/L	95
12) 1,1-Dichloroethene	2.569	96	15163	2.429	ug/L #	81
17) Methyl tert-butyl Ether	3.369	73	40810	2.330	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	1609	0.238	ug/L	83
19) 1,1-Dichloroethane	3.871	63	19976	1.760	ug/L	93
22) cis-1,2-Dichloroethene	4.668	96	45125	6.327	ug/L	97
29) 1,1,1-Trichloroethane	5.311	97	4749	0.439	ug/L	99
34) Trichloroethene	6.543	95	77431	10.547	ug/L	99
47) Tetrachloroethene	8.552	164	28594	4.789	ug/L	96
67) 1,2-Dichlorobenzene	12.221	146	976	0.070	ug/L	97

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

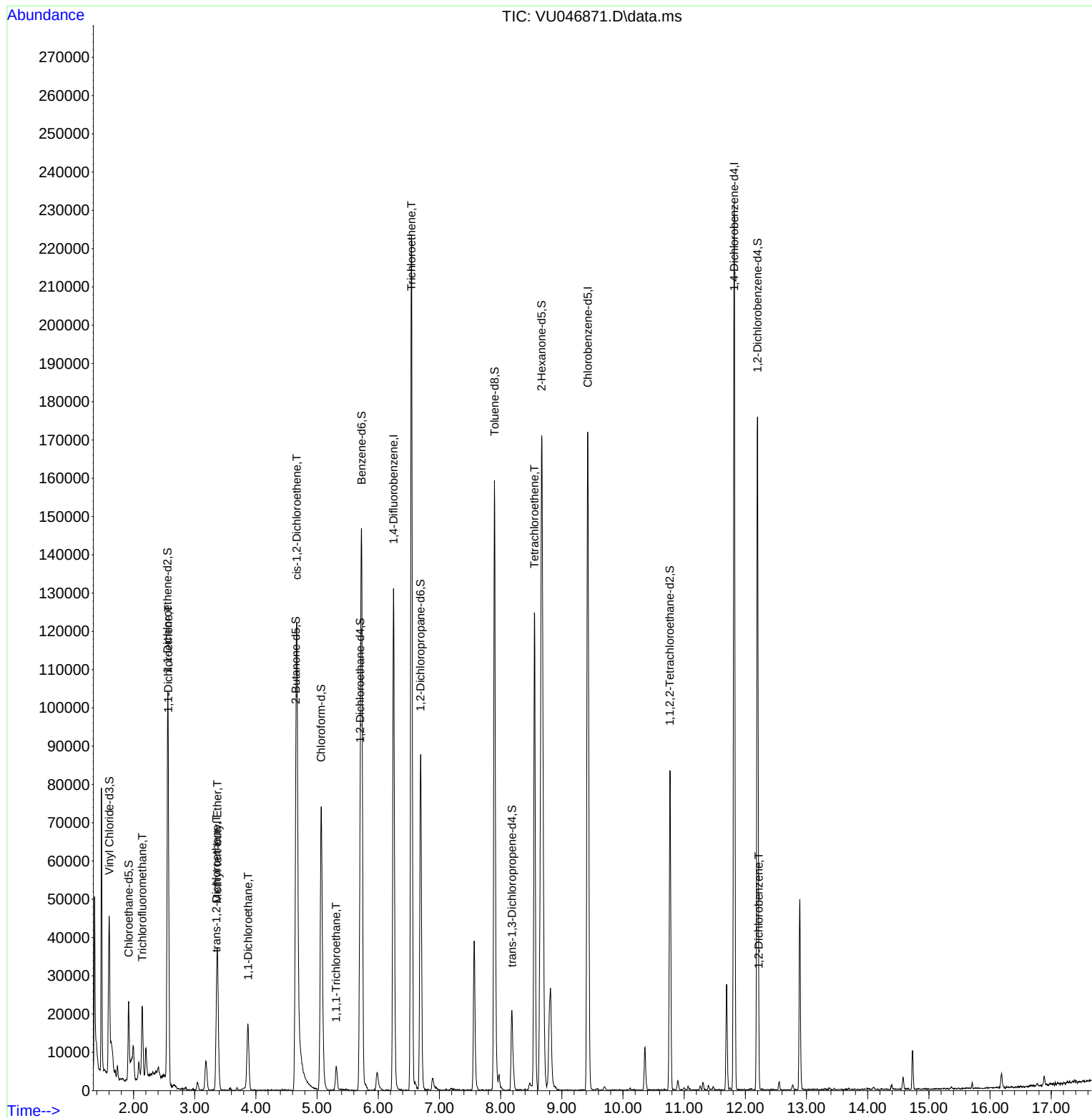
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046871.D
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Operator : SY/MD
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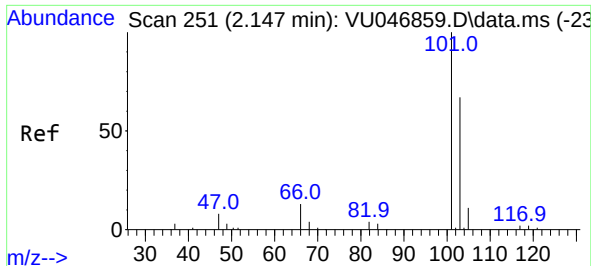
Instrument :
MSVOA_U
ClientSampleId :
BFX3DL

Quant Time: Jan 28 01:00:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 28 00:56:24 2022
Response via : Initial Calibration

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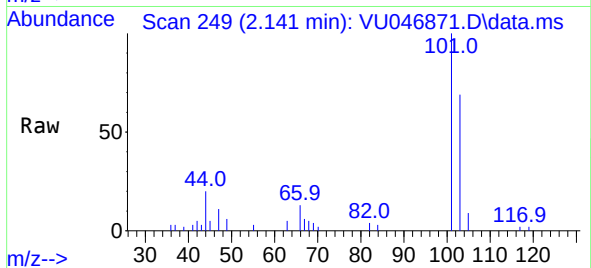
Reviewed By : John Carlone 01/28/2022
Supervised By : Mahesh Dadoda 01/28/2022





#9
 Trichlorofluoromethane
 Concen: 0.985 ug/L
 RT: 2.141 min Scan# 249
 Delta R.T. -0.006 min
 Lab File: VU046871.D
 Acq: 27 Jan 2022 15:17

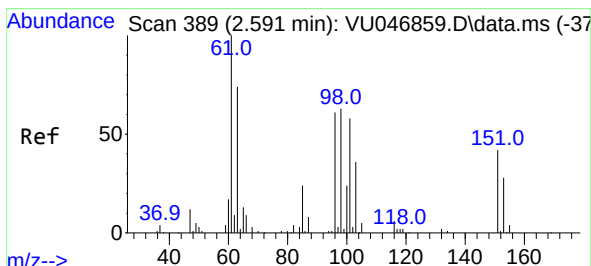
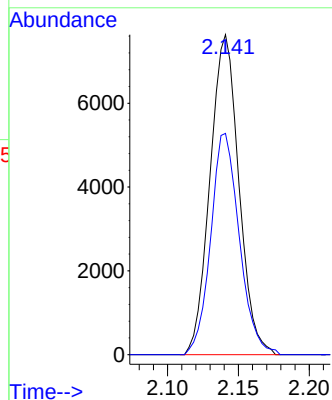
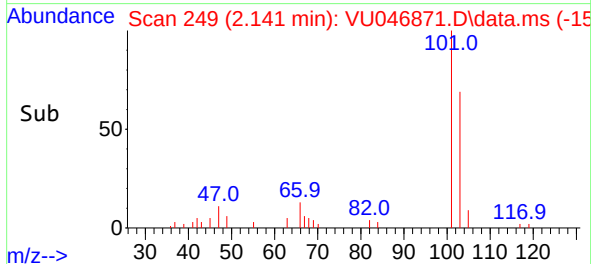
Instrument :
 MSVOA_U
 ClientSampleId :
 BFX3DL



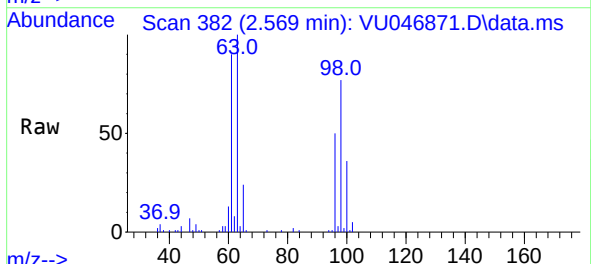
Tgt Ion:101 Resp: 10820
 Ion Ratio Lower Upper
 101 100
 103 68.7 51.5 77.3

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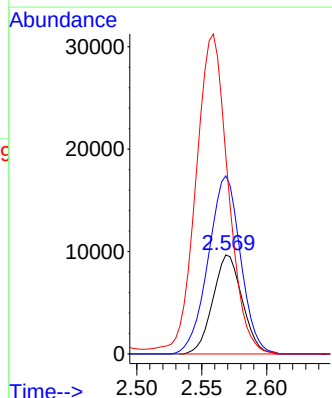
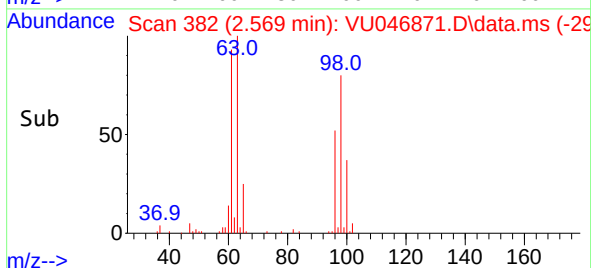
Reviewed By :John Carlone 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022

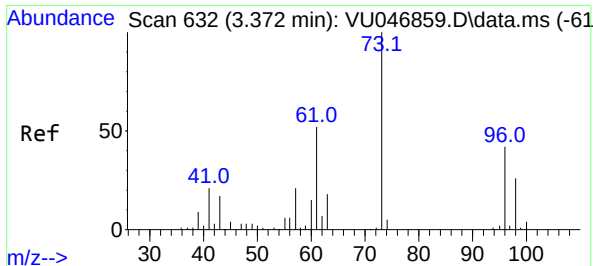


#12
 1,1-Dichloroethene
 Concen: 2.429 ug/L
 RT: 2.569 min Scan# 382
 Delta R.T. -0.022 min
 Lab File: VU046871.D
 Acq: 27 Jan 2022 15:17



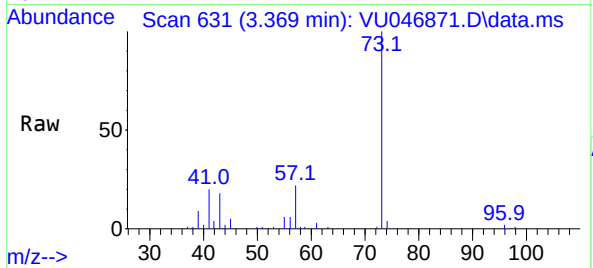
Tgt Ion: 96 Resp: 15163
 Ion Ratio Lower Upper
 96 100
 61 179.8 124.7 231.5
 63 200.1 105.2 195.4#





#17
Methyl tert-butyl Ether
Concen: 2.330 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU046871.D
Acq: 27 Jan 2022 15:17

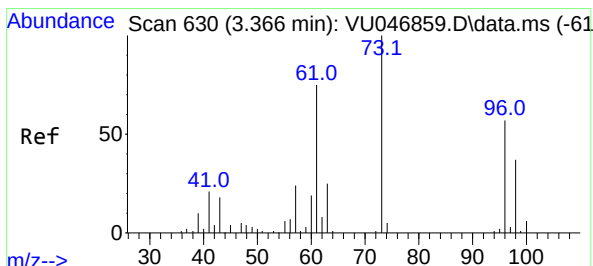
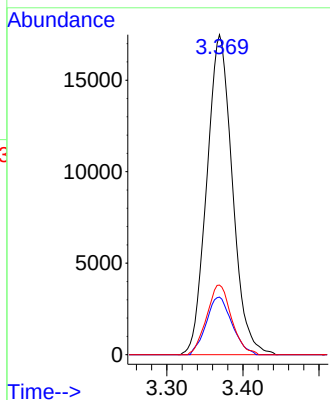
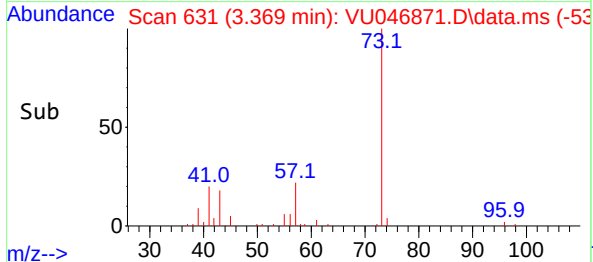
Instrument :
MSVOA_U
ClientSampleId :
BFX3DL



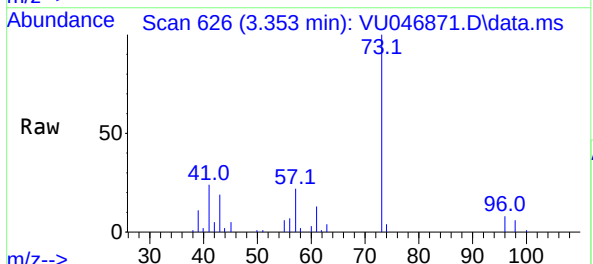
Tgt Ion: 73 Resp: 40810
Ion Ratio Lower Upper
73 100
43 18.1 14.8 22.2
57 21.2 17.4 26.0

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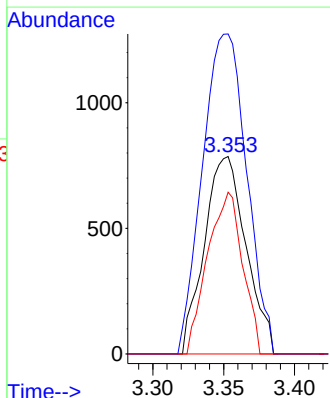
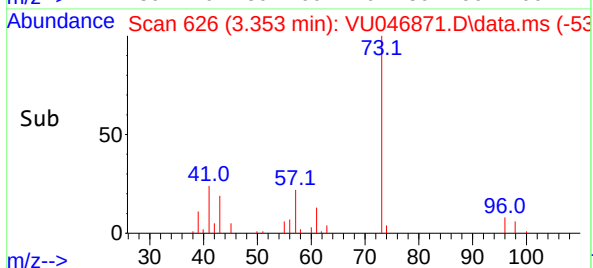
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

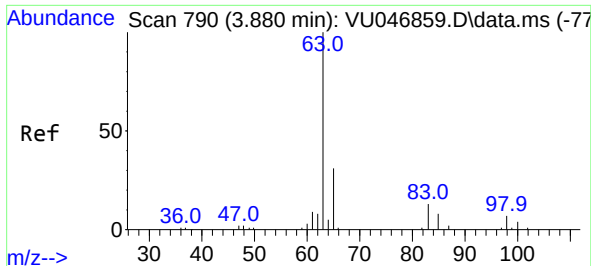


#18
trans-1,2-Dichloroethene
Concen: 0.238 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.013 min
Lab File: VU046871.D
Acq: 27 Jan 2022 15:17



Tgt Ion: 96 Resp: 1609
Ion Ratio Lower Upper
96 100
61 162.1 100.8 187.2
98 81.9 45.1 83.7





#19

1,1-Dichloroethane

Concen: 1.760 ug/L

RT: 3.871 min Scan# 71

Delta R.T. -0.010 min

Lab File: VU046871.D

Acq: 27 Jan 2022 15:17

Instrument :

MSVOA_U

ClientSampleId :

BFX3DL

Tgt Ion: 63 Resp: 19970

Ion Ratio Lower Upper

63 100

65 27.8 22.3 41.5

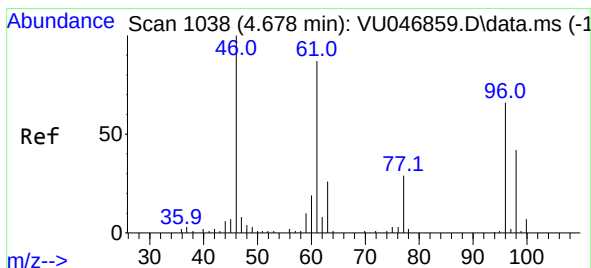
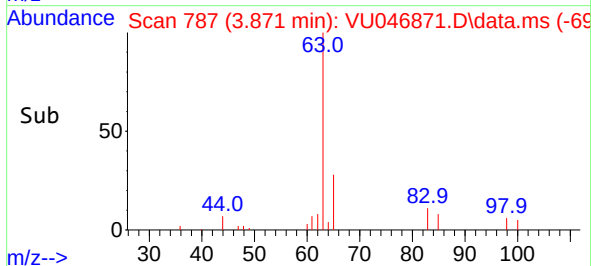
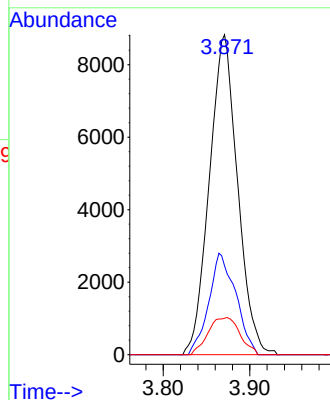
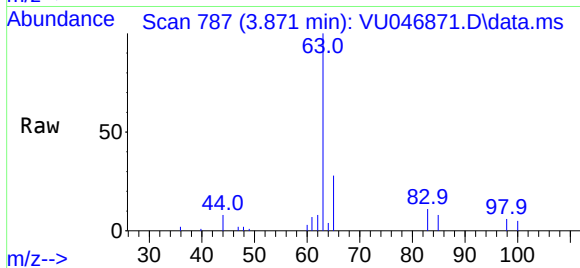
83 11.4 9.6 17.8

Manual Integrations

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Reviewed By :John Carlone 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#22

cis-1,2-Dichloroethene

Concen: 6.327 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.010 min

Lab File: VU046871.D

Acq: 27 Jan 2022 15:17

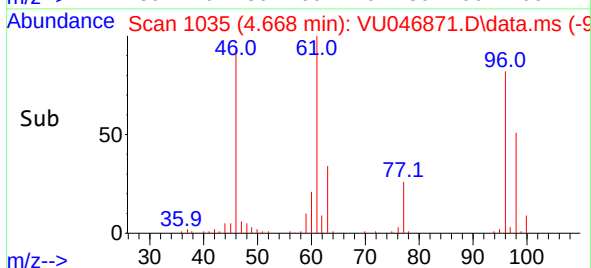
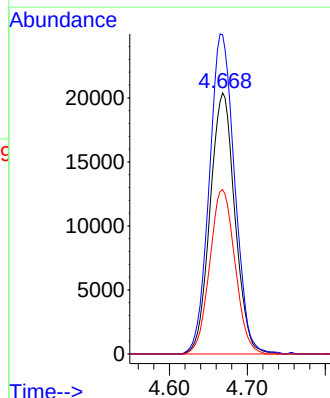
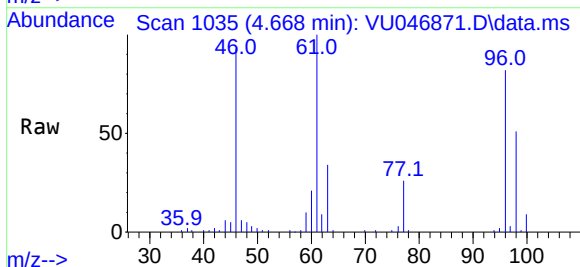
Tgt Ion: 96 Resp: 45125

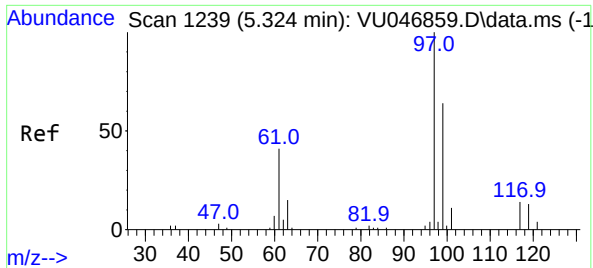
Ion Ratio Lower Upper

96 100

61 122.3 88.5 164.3

98 62.9 44.4 82.5





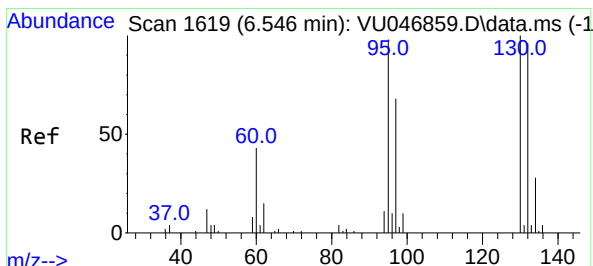
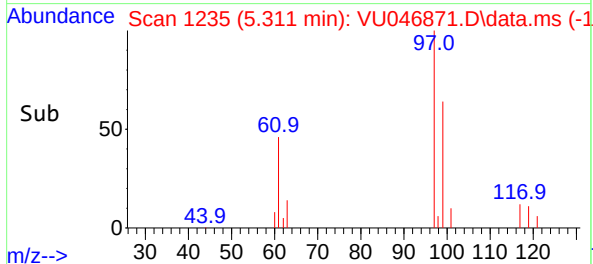
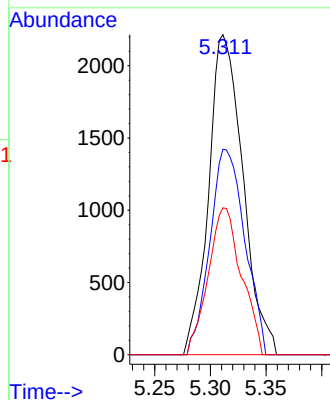
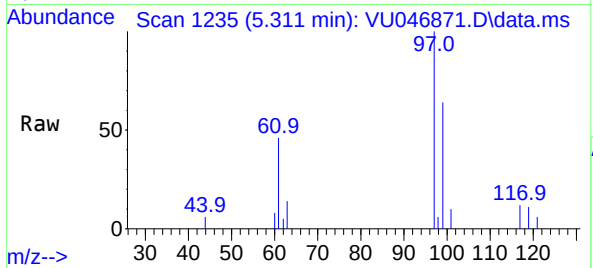
#29
1,1,1-Trichloroethane
Concen: 0.439 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.013 min
Lab File: VU046871.D
Acq: 27 Jan 2022 15:17

Instrument :
MSVOA_U
ClientSampleId :
BFX3DL

Tgt Ion: 97 Resp: 4749
Ion Ratio Lower Upper
97 100
99 65.5 51.3 76.9
61 44.5 36.1 54.1

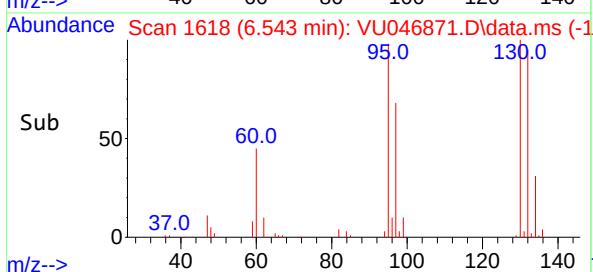
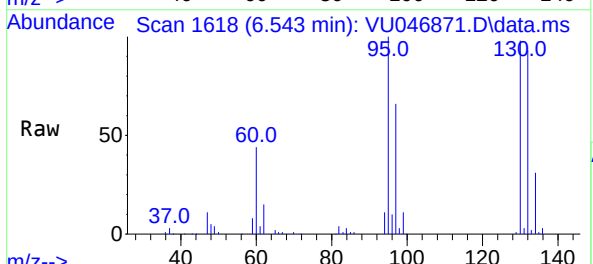
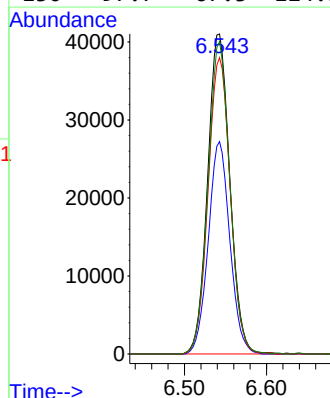
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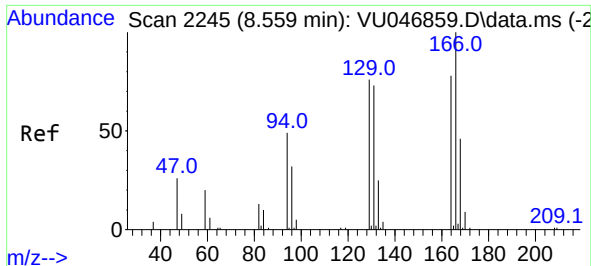
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#34
Trichloroethene
Concen: 10.547 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046871.D
Acq: 27 Jan 2022 15:17

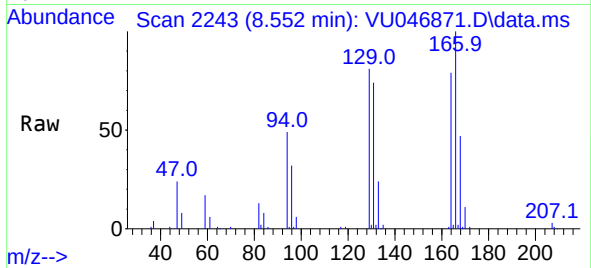
Tgt Ion: 95 Resp: 77431
Ion Ratio Lower Upper
95 100
97 66.3 46.5 86.5
132 92.6 65.1 120.9
130 97.7 67.3 124.9





#47
Tetrachloroethene
Concen: 4.789 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU046871.D
Acq: 27 Jan 2022 15:17

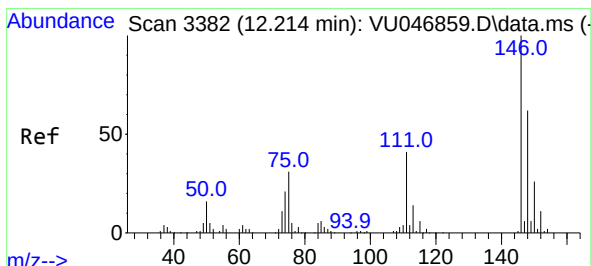
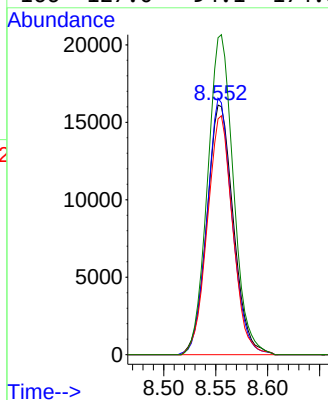
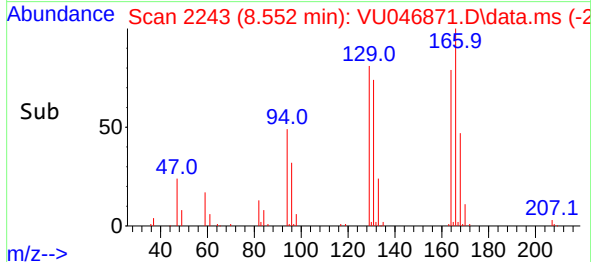
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MSVOA_U
ClientSampleId :
BFX3DL



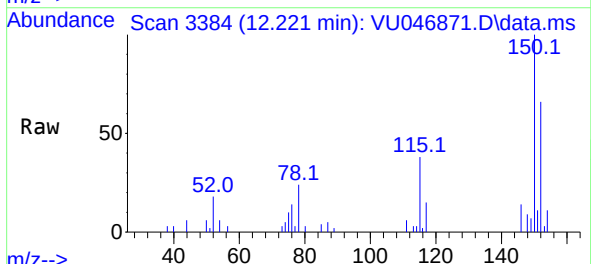
Tgt Ion:164 Resp: 28594
Ion Ratio Lower Upper
164 100
129 102.8 71.8 133.4
131 94.5 68.5 127.3
166 127.0 94.1 174.8

Manual Integrations
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Supervised By :Mahesh Dadoda 01/28/2022



#67
1,2-Dichlorobenzene
Concen: 0.070 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.007 min
Lab File: VU046871.D
Acq: 27 Jan 2022 15:17



Tgt Ion:146 Resp: 976
Ion Ratio Lower Upper
146 100
111 46.4 35.4 53.0
148 65.8 51.1 76.7

