

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
 Data File : VU047393.D
 Acq On : 08 Mar 2022 15:51
 Operator : SY/MD
 Sample : N1840-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY20

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

Quant Time: Mar 09 03:04:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 02:01:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.282	114	173524	5.000	ug/L	0.03
28) Chlorobenzene-d5	9.423	117	165402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	86736	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.610	65	38686	3.141	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.800%
7) Chloroethane-d5	1.938	69	41038	3.994	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.584	65	18240	3.507	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	4.742	46	180560	44.657	ug/L	0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.320%
24) Chloroform-d	5.099	84	96746	4.252	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.748	65	56235	4.403	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.764	84	177805	3.817	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.719	67	63903	4.404	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.912	98	152142	3.459	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	8.195	79	24513	3.845	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.652	63	171145	47.166	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.340%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	64985	4.396	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	69716	4.102	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						
5) Vinyl chloride	1.617	62	3673	0.319	ug/L	85
12) 1,1-Dichloroethene	2.597	96	20603	2.422	ug/L	90
13) Acetone	2.765	43	9956m	6.100	ug/L	
17) Methyl tert-butyl Ether	3.404	73	282684	12.412	ug/L	99
19) 1,1-Dichloroethane	3.887	63	16598	1.079	ug/L	94
22) cis-1,2-Dichloroethene	4.691	96	229608	22.834	ug/L	95
29) 1,1,1-Trichloroethane	5.353	97	10449	0.752	ug/L	97
33) Benzene	5.813	78	5310m	0.142	ug/L	
34) Trichloroethene	6.568	95	147870	15.072	ug/L	93
47) Tetrachloroethene	8.565	164	190556	22.800	ug/L	92
53) m,p-Xylene	9.700	106	2529	0.147	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	4995m	0.148	ug/L	

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

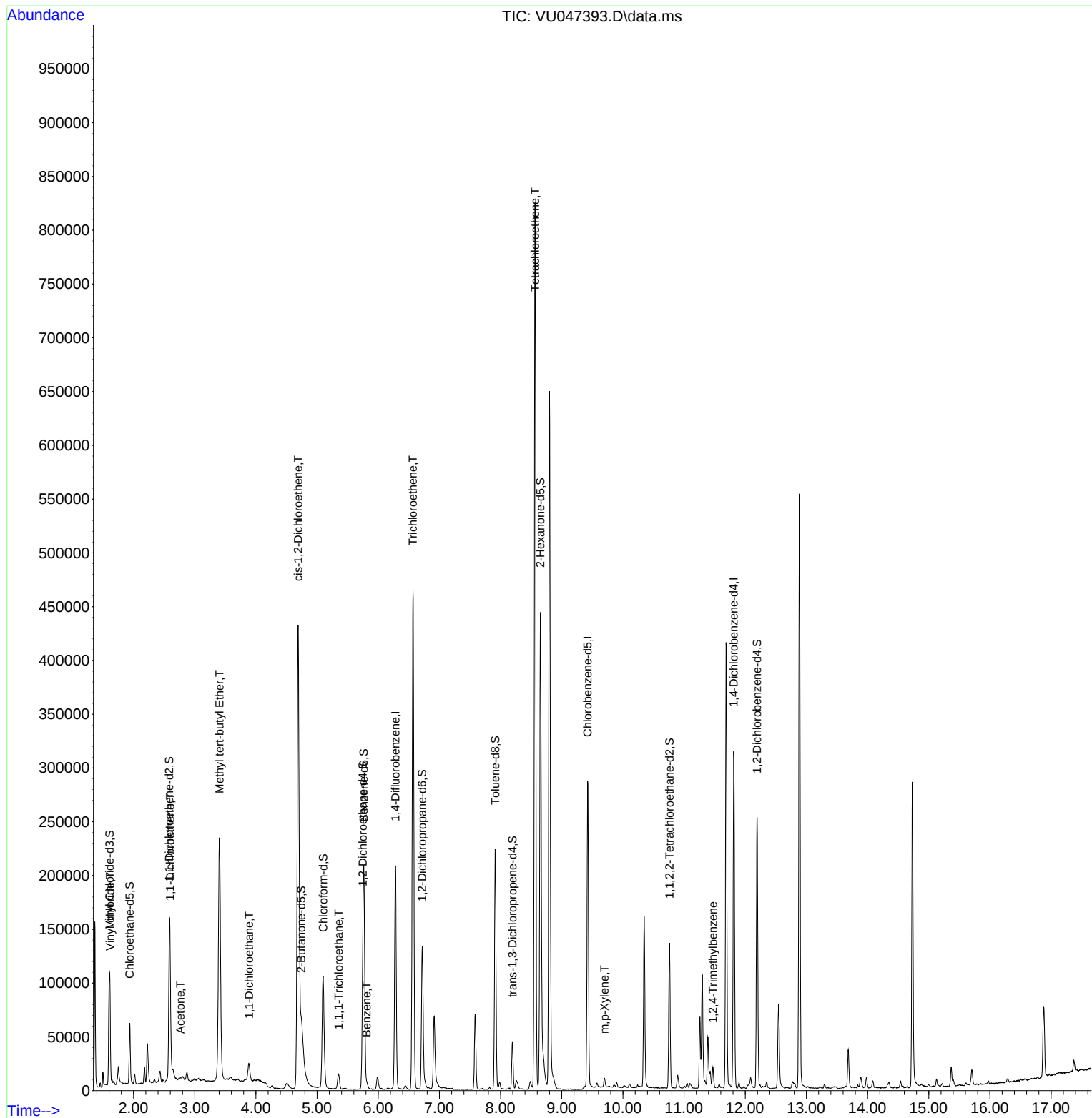
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047393.D
Acq On : 08 Mar 2022 15:51
Operator : SY/MD
Sample : N1840-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

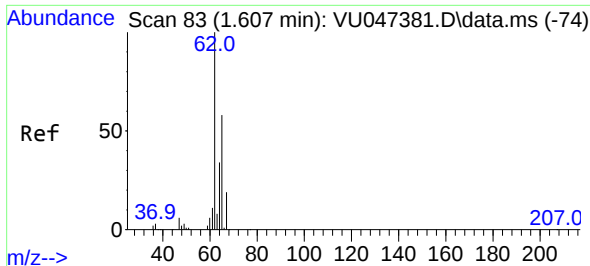
Instrument :
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ClientSampleId :
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Response via : Initial Calibration

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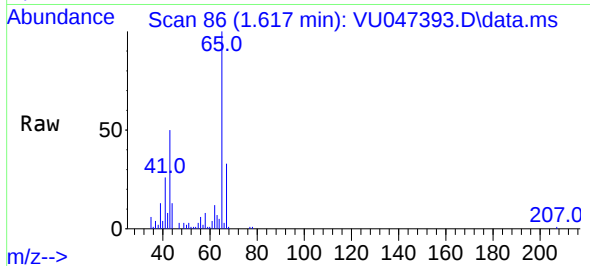
Reviewed By : John Carlone 03/09/2022
Supervised By : Mahesh Dadoda 03/09/2022





#5
 Vinyl chloride
 Concen: 0.319 ug/L
 RT: 1.617 min Scan# 80
 Delta R.T. 0.010 min
 Lab File: VU047393.D
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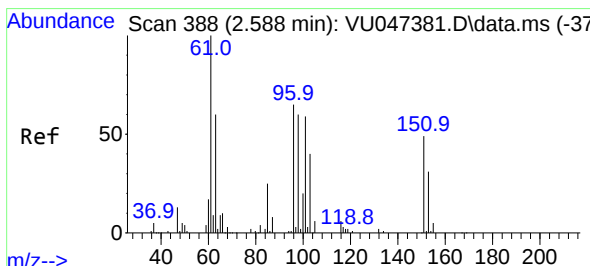
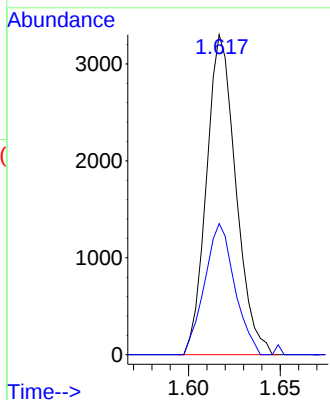
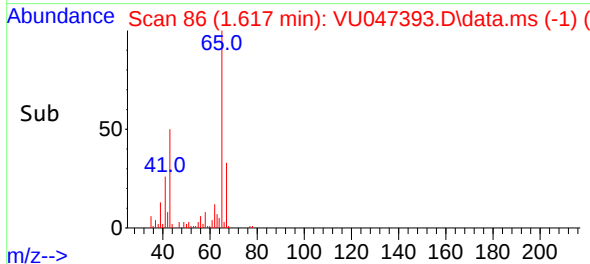
Instrument :
 MSVOA_U
 ClientSampleId :
 BFY20



Tgt Ion: 62 Resp: 367
 Ion Ratio Lower Upper
 62 100
 64 41.0 22.9 42.5

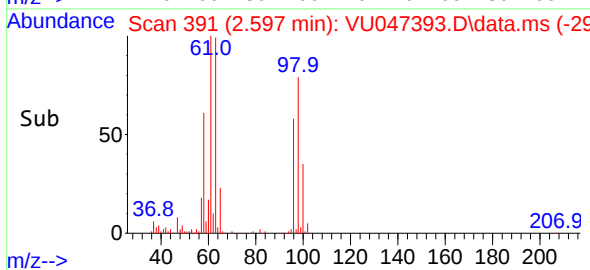
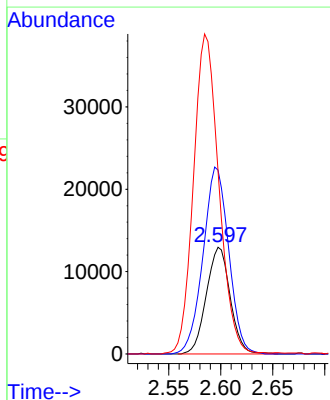
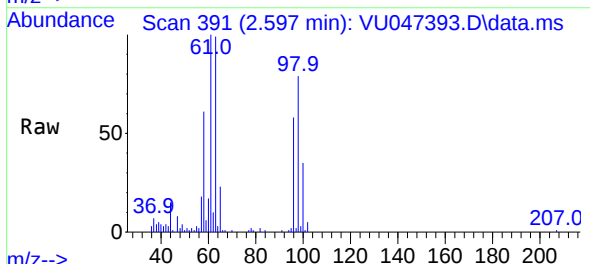
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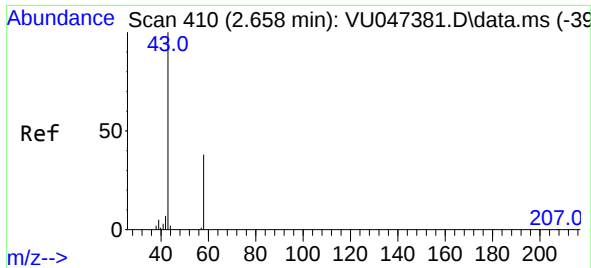
Reviewed By :John Carlone 03/09/2022
 Supervised By :Mahesh Dadoda 03/09/2022



#12
 1,1-Dichloroethene
 Concen: 2.422 ug/L
 RT: 2.597 min Scan# 391
 Delta R.T. 0.010 min
 Lab File: VU047393.D
 Acq: 08 Mar 2022 15:51

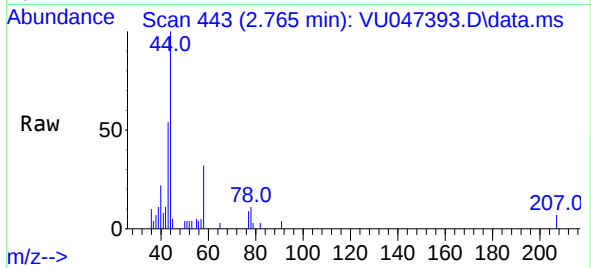
Tgt Ion: 96 Resp: 20603
 Ion Ratio Lower Upper
 96 100
 61 172.4 124.7 231.5
 63 171.4 105.2 195.4





#13
Acetone
Concen: 6.100 ug/L m
RT: 2.765 min Scan# 44
Delta R.T. 0.106 min
Lab File: VU047393.D
Acq: 08 Mar 2022 15:51

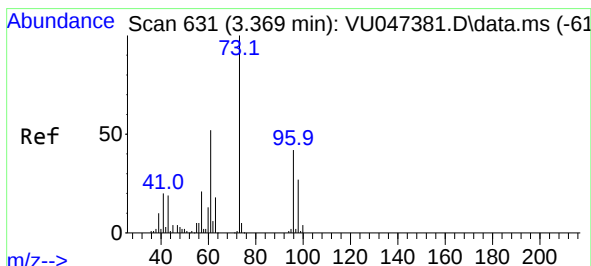
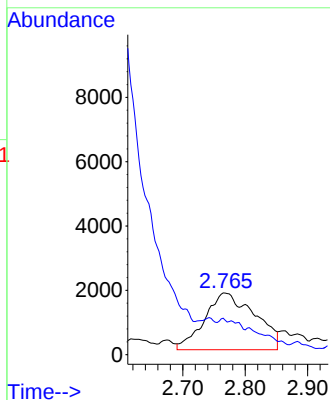
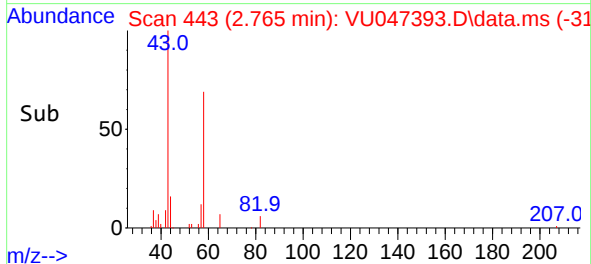
Instrument :
MSVOA_U
ClientSampleId :
BFY20



Tgt Ion: 43 Resp: 9950
Ion Ratio Lower Upper
43 100
58 0.0 0.0 71.6

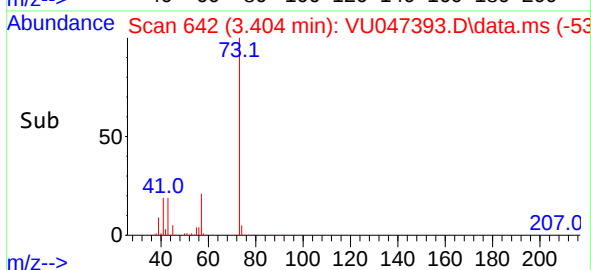
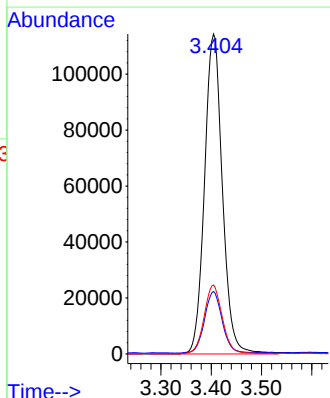
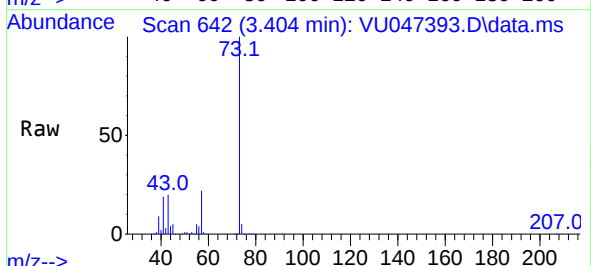
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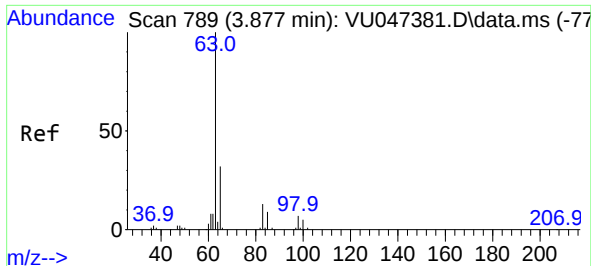
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#17
Methyl tert-butyl Ether
Concen: 12.412 ug/L
RT: 3.404 min Scan# 642
Delta R.T. 0.036 min
Lab File: VU047393.D
Acq: 08 Mar 2022 15:51

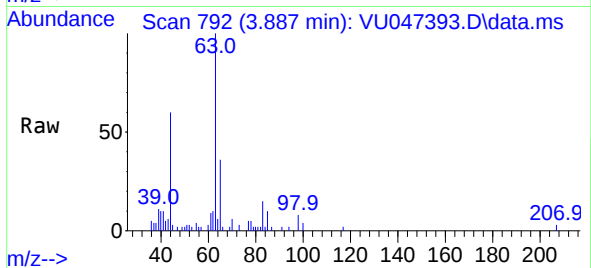
Tgt Ion: 73 Resp: 282684
Ion Ratio Lower Upper
73 100
43 19.0 14.8 22.2
57 21.9 17.4 26.0





#19
1,1-Dichloroethane
Concen: 1.079 ug/L
RT: 3.887 min Scan# 792
Delta R.T. 0.010 min
Lab File: VU047393.D
Acq: 08 Mar 2022 15:51

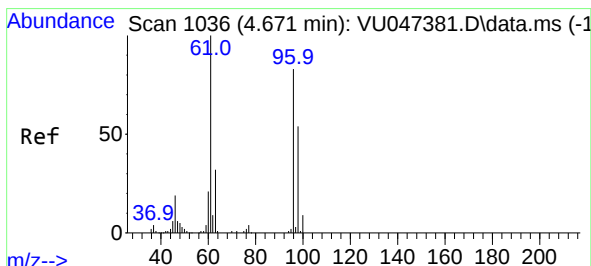
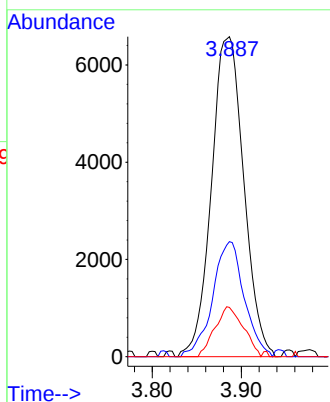
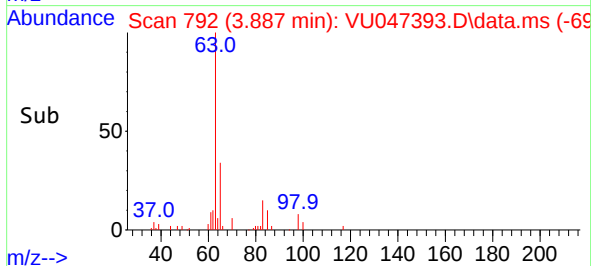
Instrument :
MSVOA_U
ClientSampleId :
BFY20



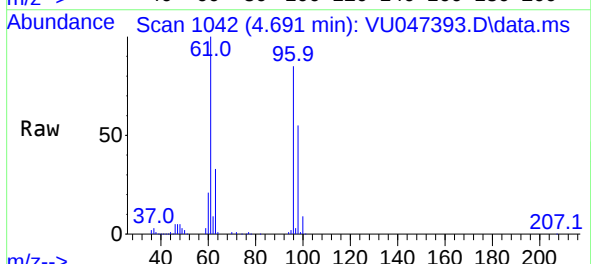
Tgt Ion: 63 Resp: 16598
Ion Ratio Lower Upper
63 100
65 36.0 22.3 41.5
83 15.4 9.6 17.8

Manual Integrations
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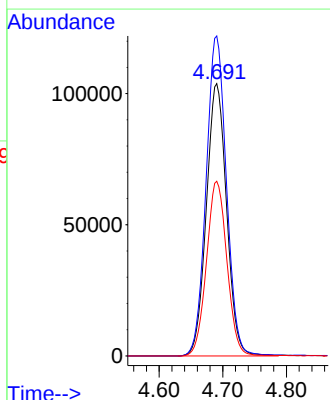
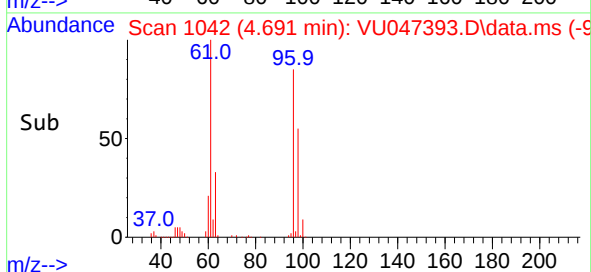
Reviewed By :John Carlone 03/09/2022
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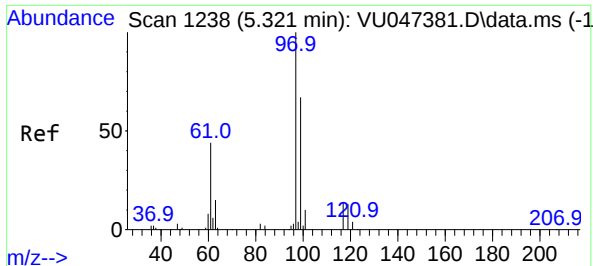


#22
cis-1,2-Dichloroethene
Concen: 22.834 ug/L
RT: 4.691 min Scan# 1042
Delta R.T. 0.019 min
Lab File: VU047393.D
Acq: 08 Mar 2022 15:51



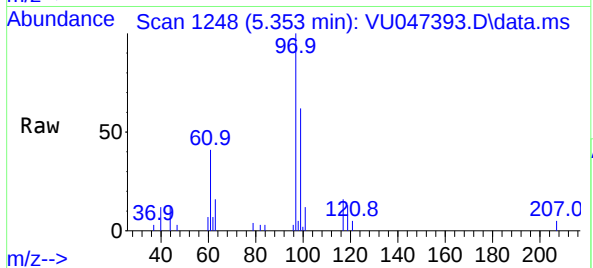
Tgt Ion: 96 Resp: 229608
Ion Ratio Lower Upper
96 100
61 117.5 88.5 164.3
98 64.2 44.4 82.5





#29
1,1,1-Trichloroethane
Concen: 0.752 ug/L
RT: 5.353 min Scan# 11
Delta R.T. 0.032 min
Lab File: VU047393.D
Acq: 08 Mar 2022 15:51

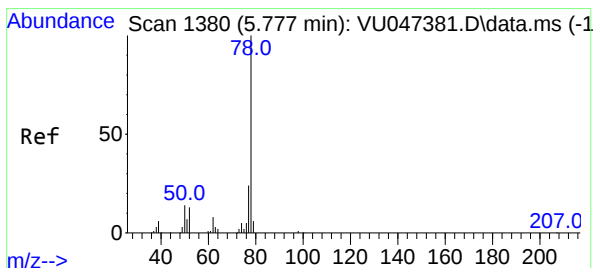
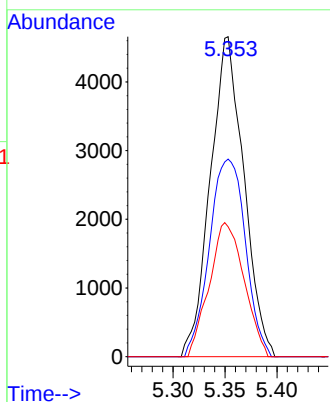
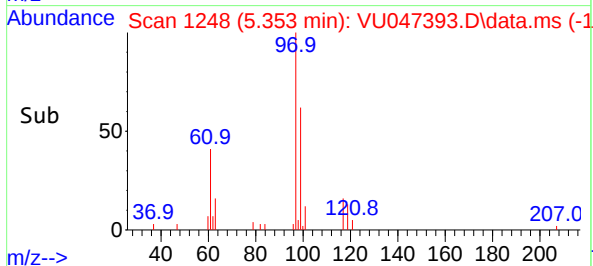
Instrument :
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ClientSampleId :
BFY20



Tgt Ion: 97 Resp: 10449
Ion Ratio Lower Upper
97 100
99 66.4 51.3 76.9
61 43.5 36.1 54.1

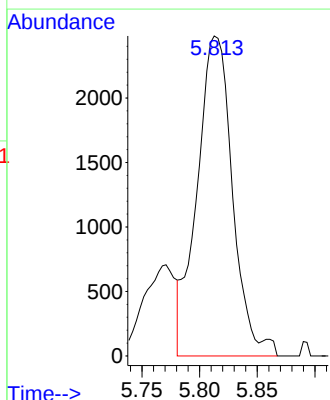
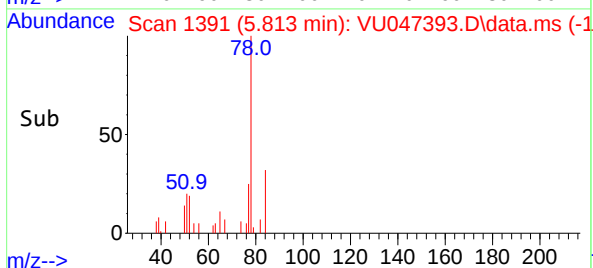
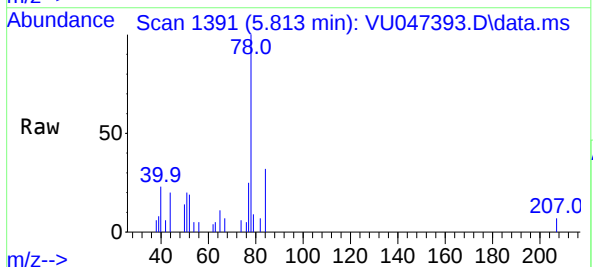
Manual Integrations
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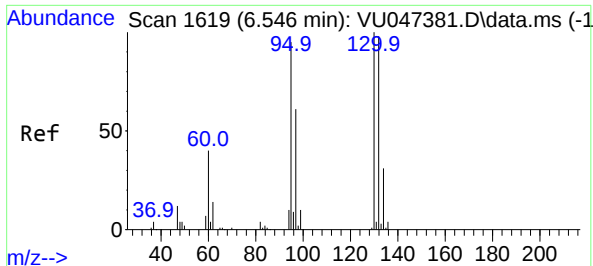
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#33
Benzene
Concen: 0.142 ug/L m
RT: 5.813 min Scan# 1391
Delta R.T. 0.036 min
Lab File: VU047393.D
Acq: 08 Mar 2022 15:51

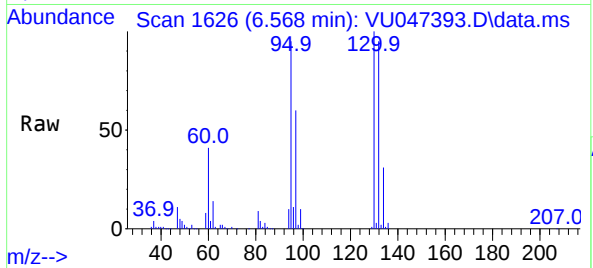
Tgt Ion: 78 Resp: 5310





#34
Trichloroethene
Concen: 15.072 ug/L
RT: 6.568 min Scan# 1
Delta R.T. 0.023 min
Lab File: VU047393.D
Acq: 08 Mar 2022 15:51

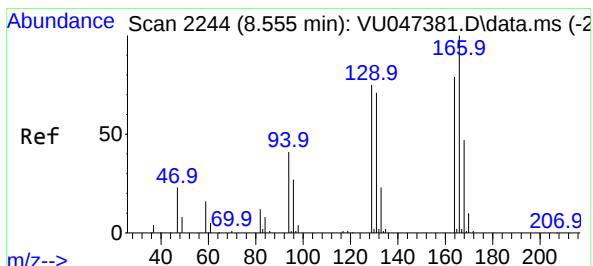
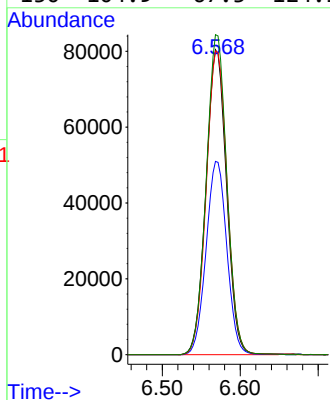
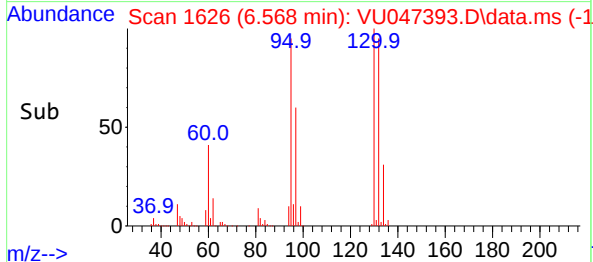
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BFY20



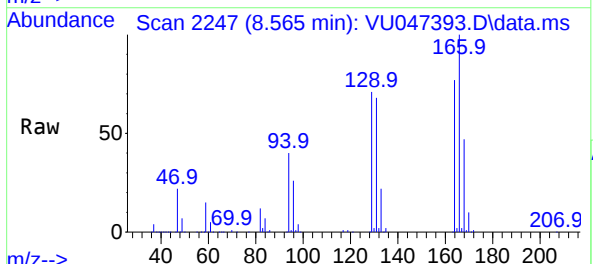
Tgt Ion: 95 Resp: 147870
Ion Ratio Lower Upper
95 100
97 63.4 46.5 86.5
132 99.6 65.1 120.9
130 104.9 67.3 124.9

Manual Integrations
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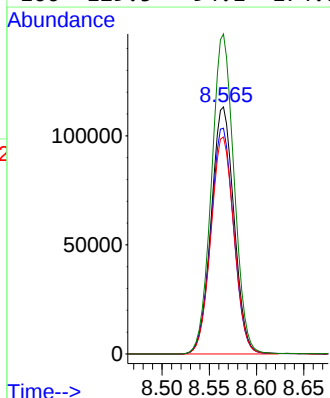
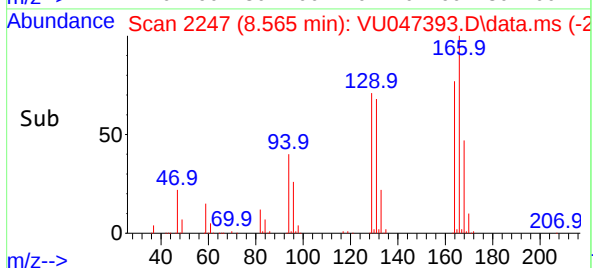
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

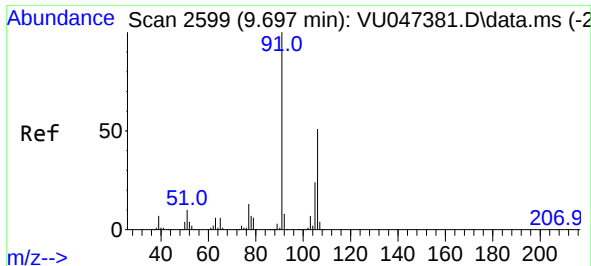


#47
Tetrachloroethene
Concen: 22.800 ug/L
RT: 8.565 min Scan# 2247
Delta R.T. 0.010 min
Lab File: VU047393.D
Acq: 08 Mar 2022 15:51



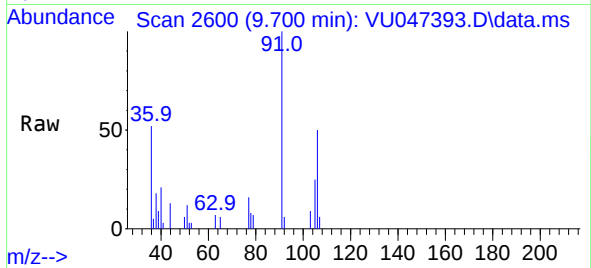
Tgt Ion:164 Resp: 190556
Ion Ratio Lower Upper
164 100
129 91.4 71.8 133.4
131 87.8 68.5 127.3
166 129.5 94.1 174.8





#53
m,p-Xylene
Concen: 0.147 ug/L
RT: 9.700 min Scan# 2529
Delta R.T. 0.003 min
Lab File: VU047393.D
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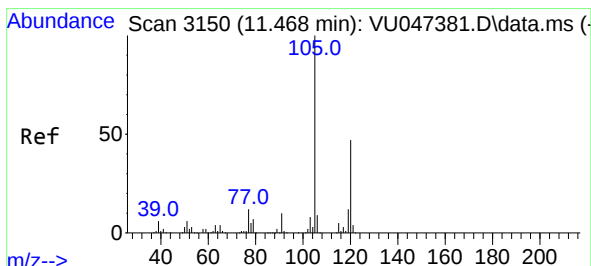
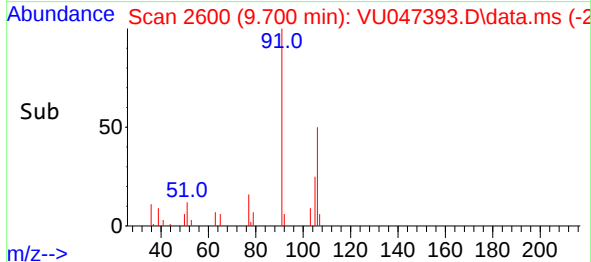
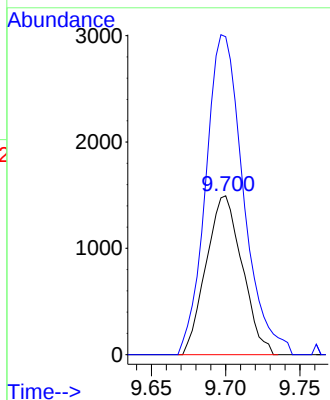
Instrument :
MSVOA_U
ClientSampleId :
BFY20



Tgt Ion:106 Resp: 2529
Ion Ratio Lower Upper
106 100
91 200.1 139.4 259.0

Manual Integrations
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Supervised By :Mahesh Dadoda 03/09/2022



#63
1,2,4-Trimethylbenzene
Concen: 0.148 ug/L m
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU047393.D
Acq: 08 Mar 2022 15:51

Tgt Ion:105 Resp: 4995
Ion Ratio Lower Upper
105 100
120 8.0 35.8 53.8#

