

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047160.D
 Acq On : 16 Feb 2022 14:51
 Operator : SY/MD
 Sample : N1545-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXZ8

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/17/2022
 Supervised By : Mahesh Dadoda 02/17/2022

Quant Time: Feb 16 15:12:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:52:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	180339	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	183747	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	106575	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	81380	5.343	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 106.800%		
7) Chloroethane-d5	1.919	69	63151	5.232	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 104.600%		
11) 1,1-Dichloroethene-d2	2.575	65	33273	5.282	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 105.600%		
20) 2-Butanone-d5	4.652	46	219390	60.264	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 120.520%		
24) Chloroform-d	5.070	84	132658	5.243	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.800%		
26) 1,2-Dichloroethane-d4	5.706	65	72715	5.169	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.400%		
32) Benzene-d6	5.732	84	280758	5.469	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.400%		
36) 1,2-Dichloropropane-d6	6.693	67	89391	5.472	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.400%		
41) Toluene-d8	7.902	98	270546	5.387	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.800%		
43) trans-1,3-Dichloroprop...	8.182	79	37797	5.104	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 102.000%		
46) 2-Hexanone-d5	8.635	63	200584	51.441	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 102.880%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	74595	5.024	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 100.400%		
66) 1,2-Dichlorobenzene-d4	12.195	152	103193	5.397	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 108.000%		
Target Compounds						Qvalue
13) Acetone	2.681	43	22098m	12.125	ug/L	
19) 1,1-Dichloroethane	3.877	63	25607	1.142	ug/L	96
22) cis-1,2-Dichloroethene	4.674	96	7375	0.528	ug/L	97
25) Chloroform	5.095	83	20512	0.874	ug/L	100
34) Trichloroethene	6.546	95	39326	2.824	ug/L	95
38) Bromodichloromethane	7.108	83	9759	0.566	ug/L #	96
42) Toluene	7.973	91	11634	0.200	ug/L	96
47) Tetrachloroethene	8.555	164	18744	1.659	ug/L	95
49) Dibromochloromethane	8.812	129	8162	0.647	ug/L	96
59) Bromoform	10.295	173	2552	0.329	ug/L	95

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

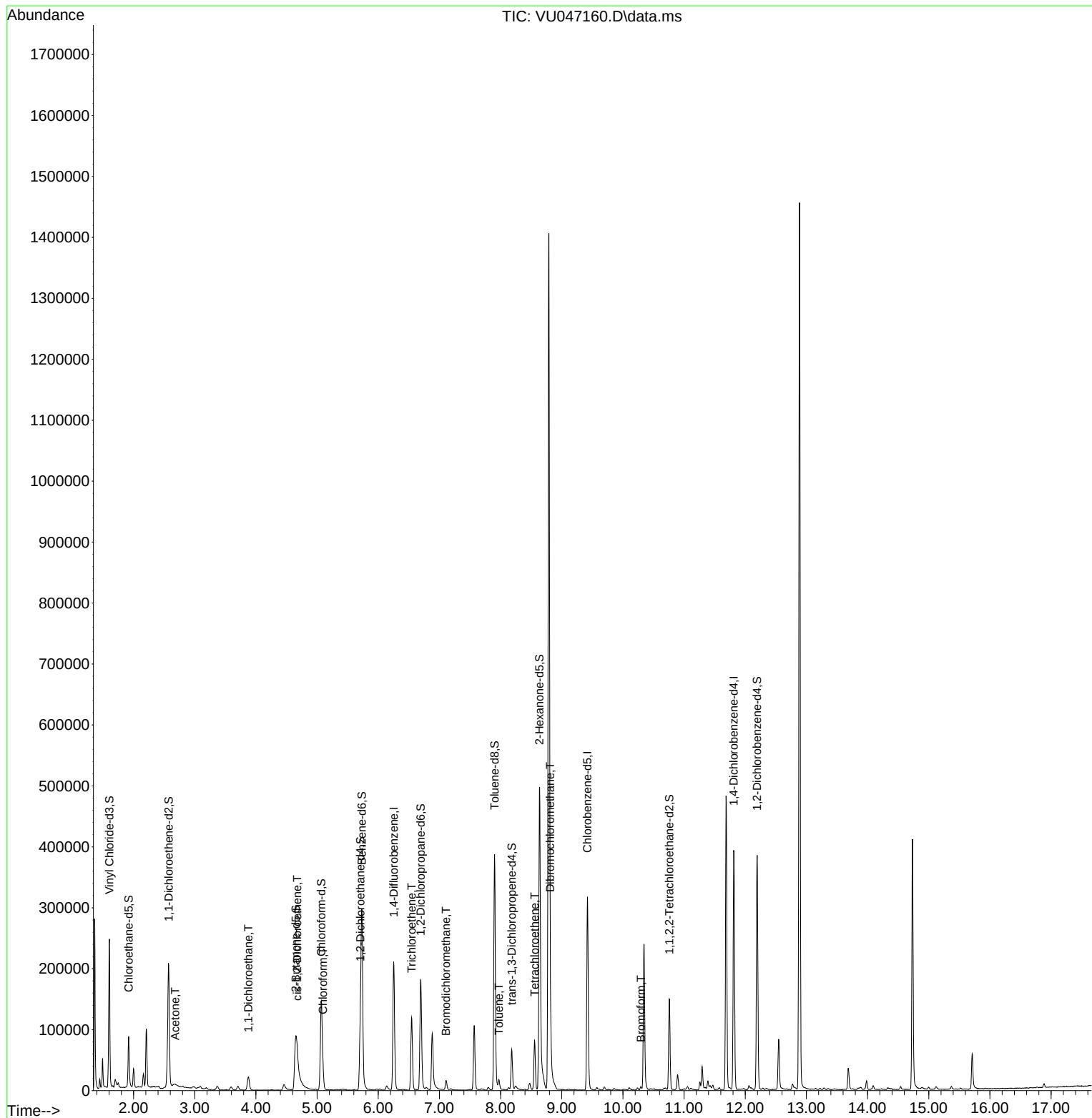
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
Data File : VU047160.D
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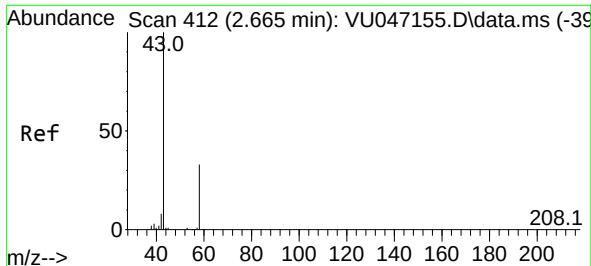
Instrument :
MSVOA_U
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BFXZ8

Quant Time: Feb 16 15:12:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

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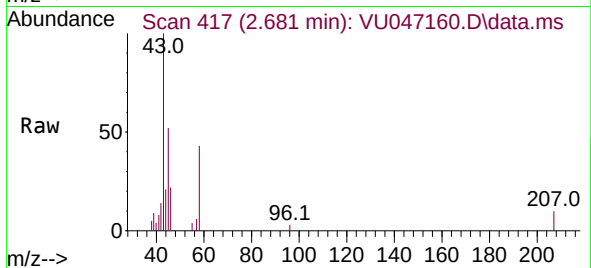
Reviewed By : John Carlone 02/17/2022
Supervised By : Mahesh Dadoda 02/17/2022





#13
Acetone
Concen: 12.125 ug/L m
RT: 2.681 min Scan# 41
Delta R.T. 0.016 min
Lab File: VU047160.D
Acq: 16 Feb 2022 14:51

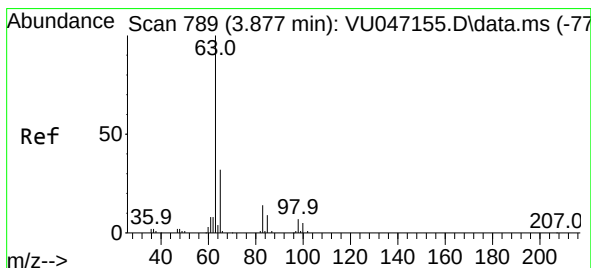
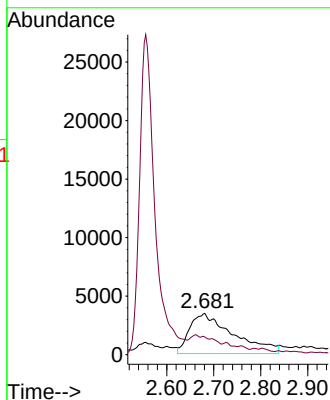
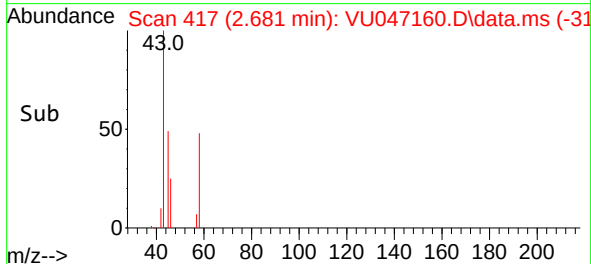
Instrument :
MSVOA_U
ClientSampleId :
BFXZ8



Tgt Ion: 43 Resp: 22098
Ion Ratio Lower Upper
43 100
58 0.0 0.0 71.6

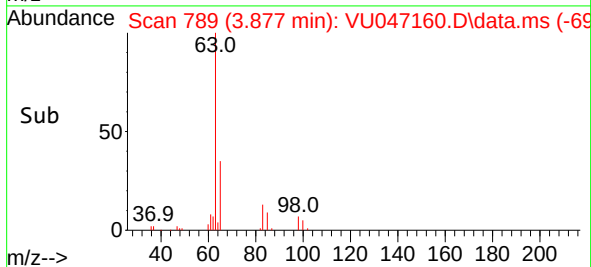
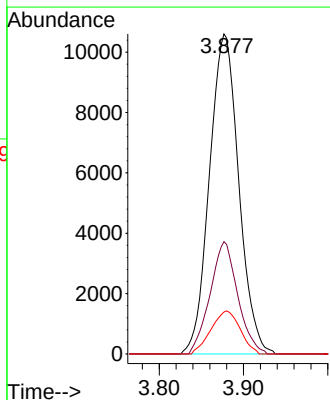
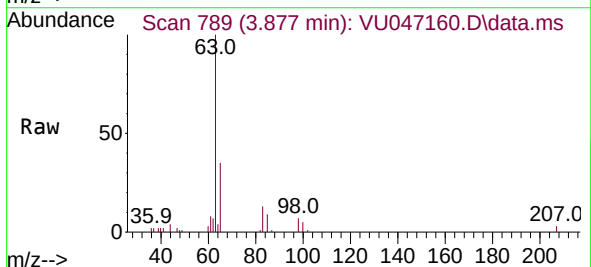
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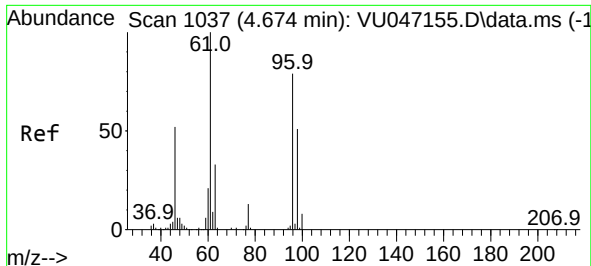
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/17/2022



#19
1,1-Dichloroethane
Concen: 1.142 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU047160.D
Acq: 16 Feb 2022 14:51

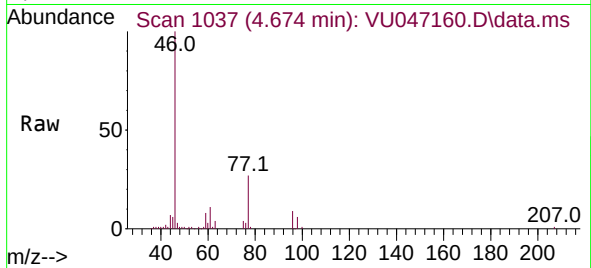
Tgt Ion: 63 Resp: 25607
Ion Ratio Lower Upper
63 100
65 35.1 22.3 41.5
83 13.1 9.6 17.8





#22
 cis-1,2-Dichloroethene
 Concen: 0.528 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VU047160.D
 Acq: 16 Feb 2022 14:51

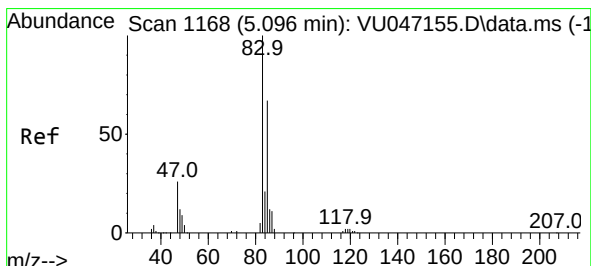
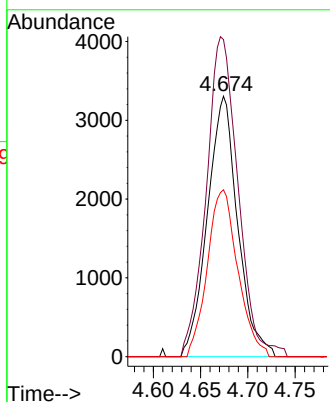
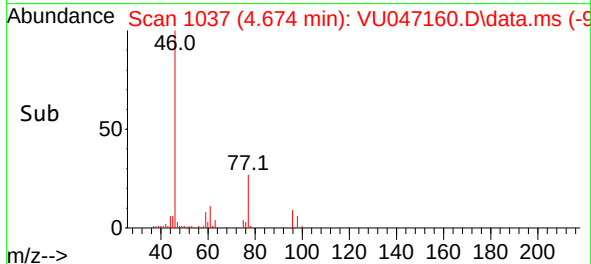
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXZ8



Tgt Ion: 96 Resp: 7375
 Ion Ratio Lower Upper
 96 100
 61 121.7 88.5 164.3
 98 64.1 44.4 82.5

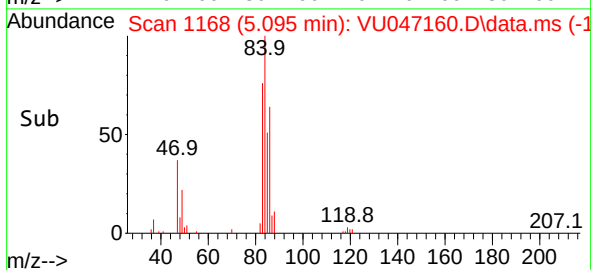
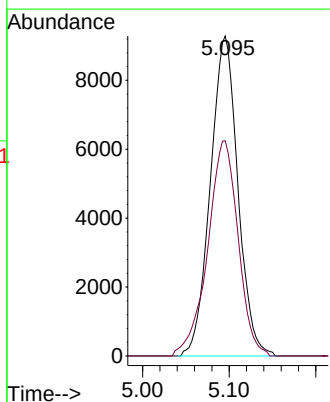
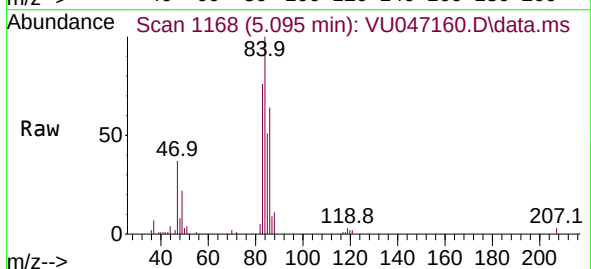
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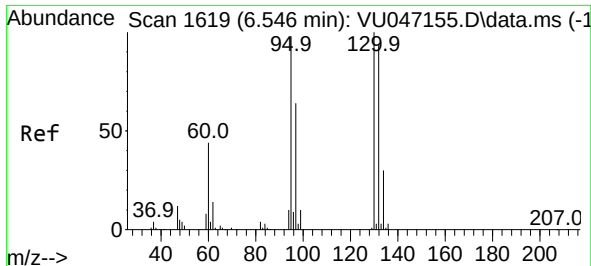
Reviewed By :John Carlone 02/17/2022
 Supervised By :Mahesh Dadoda 02/17/2022



#25
 Chloroform
 Concen: 0.874 ug/L
 RT: 5.095 min Scan# 1168
 Delta R.T. -0.000 min
 Lab File: VU047160.D
 Acq: 16 Feb 2022 14:51

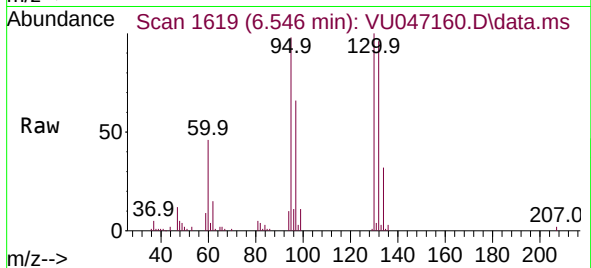
Tgt Ion: 83 Resp: 20512
 Ion Ratio Lower Upper
 83 100
 85 67.2 46.9 87.1





#34
Trichloroethene
Concen: 2.824 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047160.D
Acq: 16 Feb 2022 14:51

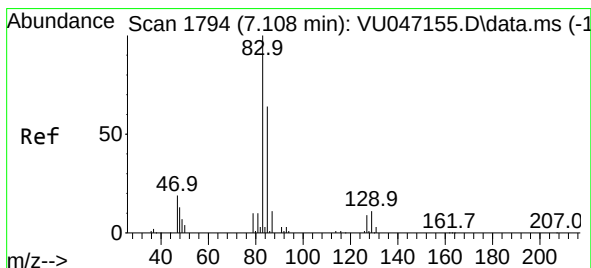
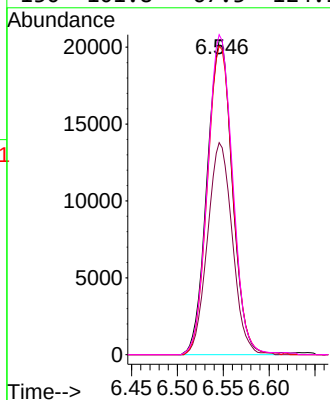
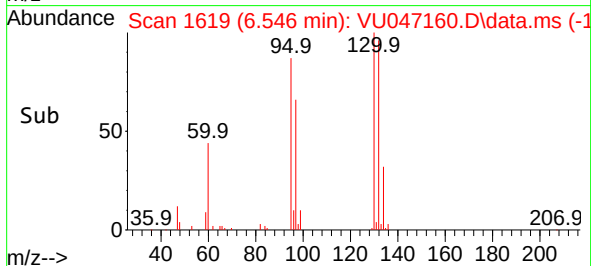
Instrument :
MSVOA_U
ClientSampleId :
BFXZ8



Tgt Ion: 95 Resp: 39320
Ion Ratio Lower Upper
95 100
97 67.5 46.5 86.5
132 98.2 65.1 120.9
130 101.8 67.3 124.9

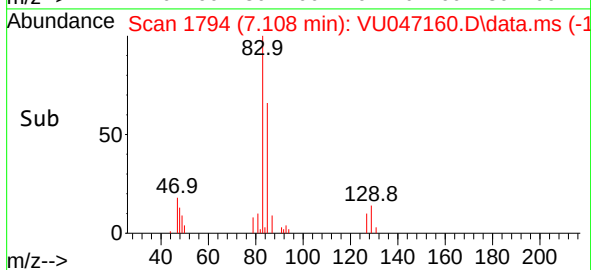
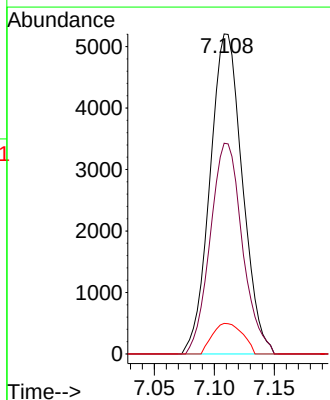
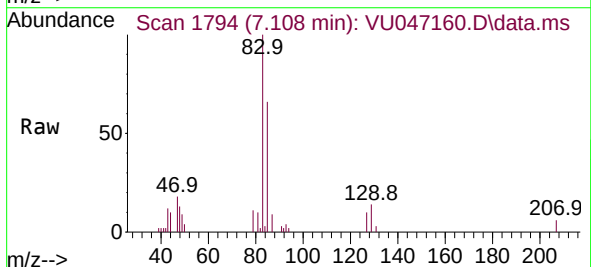
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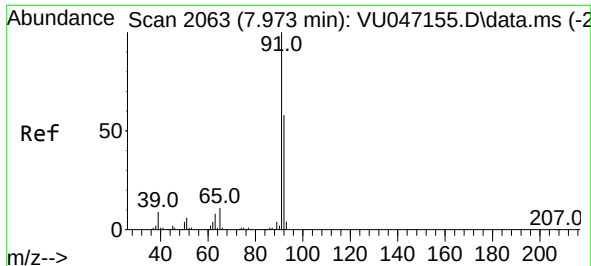
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/17/2022



#38
Bromodichloromethane
Concen: 0.566 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047160.D
Acq: 16 Feb 2022 14:51

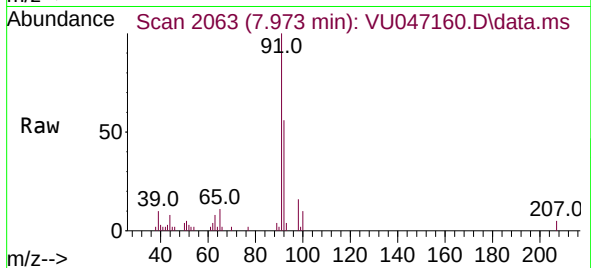
Tgt Ion: 83 Resp: 9759
Ion Ratio Lower Upper
83 100
85 65.8 44.0 81.8
127 9.6 6.3 9.5





#42
Toluene
Concen: 0.200 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU047160.D
Acq: 16 Feb 2022 14:51

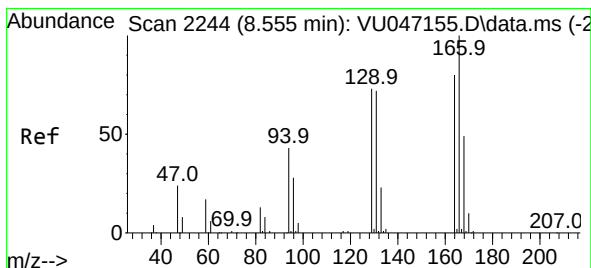
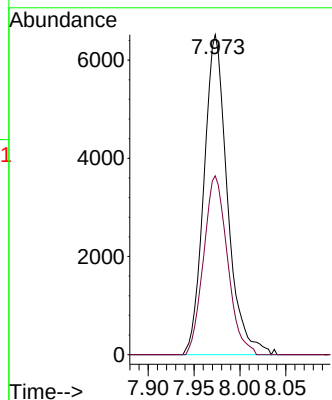
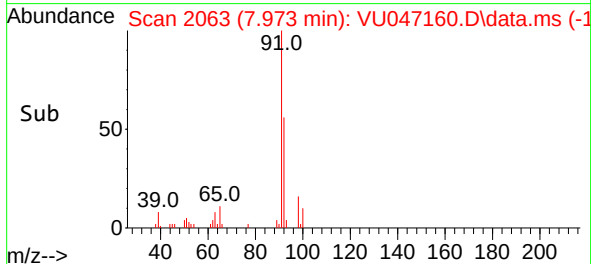
Instrument :
MSVOA_U
ClientSampleId :
BFXZ8



Tgt Ion: 91 Resp: 11634
Ion Ratio Lower Upper
91 100
92 55.9 41.3 76.7

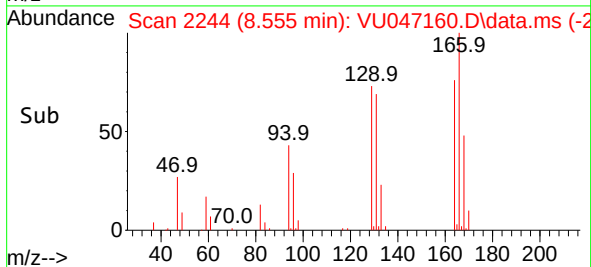
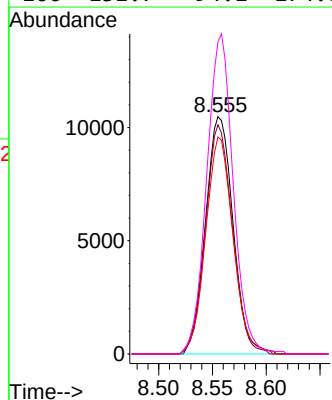
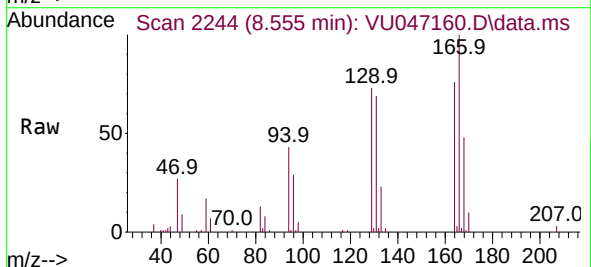
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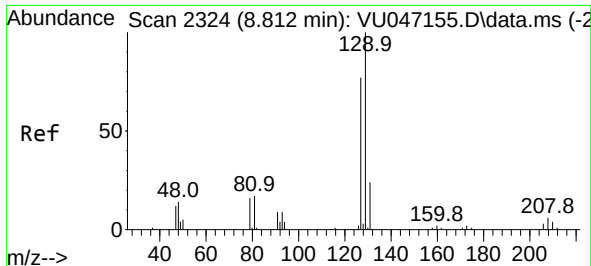
Reviewed By :John Carlone 02/17/2022
Supervised By :Mahesh Dadoda 02/17/2022



#47
Tetrachloroethene
Concen: 1.659 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047160.D
Acq: 16 Feb 2022 14:51

Tgt Ion:164 Resp: 18744
Ion Ratio Lower Upper
164 100
129 96.5 71.8 133.4
131 91.4 68.5 127.3
166 131.7 94.1 174.8





#49

Dibromochloromethane

Concen: 0.647 ug/L

RT: 8.812 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047160.D

Acq: 16 Feb 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

BFXZ8

Tgt Ion:129 Resp: 816

Ion Ratio Lower Upper

129 100

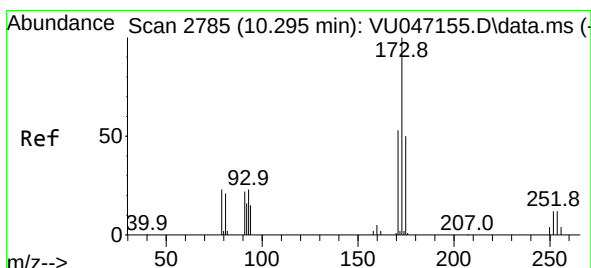
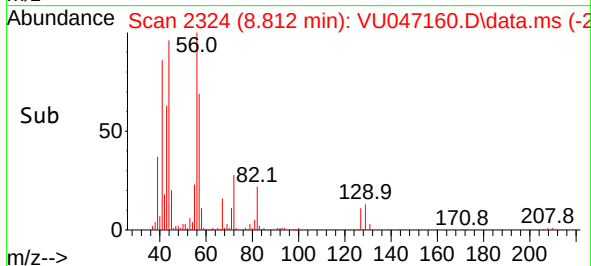
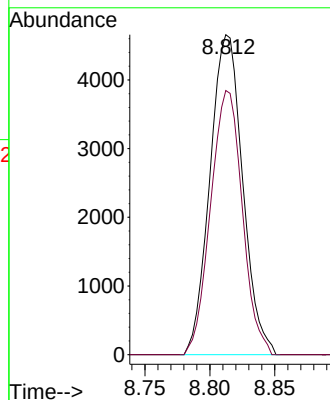
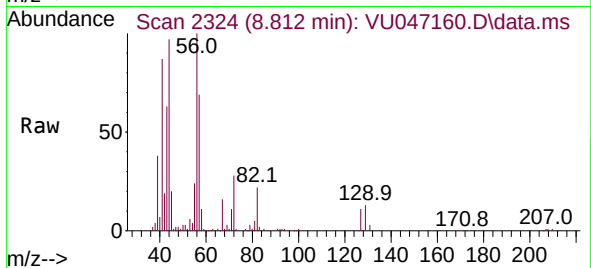
127 82.5 55.4 102.8

Manual Integrations

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#59

Bromoform

Concen: 0.329 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. -0.000 min

Lab File: VU047160.D

Acq: 16 Feb 2022 14:51

Tgt Ion:173 Resp: 2552

Ion Ratio Lower Upper

173 100

175 43.8 37.8 56.6

254 9.8 7.3 10.9

