

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047661.D
 Acq On : 25 Mar 2022 02:25
 Operator : SY/MD
 Sample : N2081-20
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Y7

Quant Time: Mar 25 05:31:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:34:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/25/2022
 Supervised By : Mahesh Dadoda 03/29/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	352810	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	364992	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	194176	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	93462	36.531	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.060%		
7) Chloroethane-d5	1.919	69	76260	37.802	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.600%		
11) 1,1-Dichloroethene-d2	2.578	63	293273	62.653	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	125.300%#		
21) 2-Butanone-d5	4.642	46	200254	91.191	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.190%		
24) Chloroform-d	5.066	84	185916	39.715	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.420%		
26) 1,2-Dichloroethane-d4	5.706	65	120719	42.046	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.100%		
32) Benzene-d6	5.729	84	383026	41.705	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.400%		
36) 1,2-Dichloropropane-d6	6.693	67	121172	42.960	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.920%		
41) Toluene-d8	7.899	98	357584	39.962	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.920%#		
43) trans-1,3-Dichloroprop...	8.182	79	55657	38.950	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.900%		
47) 2-Hexanone-d5	8.635	63	144223	87.347	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.350%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	192413	39.750	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	79.500%		
66) 1,2-Dichlorobenzene-d4	12.195	152	151569	43.875	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.740%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	10193	2.266	ug/L	94
12) 1,1-Dichloroethene	2.584	96	309780	128.002	ug/L #	74
17) trans-1,2-Dichloroethene	3.359	96	13585	5.204	ug/L	93
19) 1,1-Dichloroethane	3.874	63	809678	179.851	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	255387	89.242	ug/L	95
27) 1,2-Dichloroethane	5.803	62	2373m	0.634	ug/L	
30) 1,1,1-Trichloroethane	5.321	97	1943655	469.637	ug/L	99
34) Trichloroethene	6.546	95	186471	67.324	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	7059	2.478	ug/L	96
46) Tetrachloroethene	8.555	164	227575	91.431	ug/L	99

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

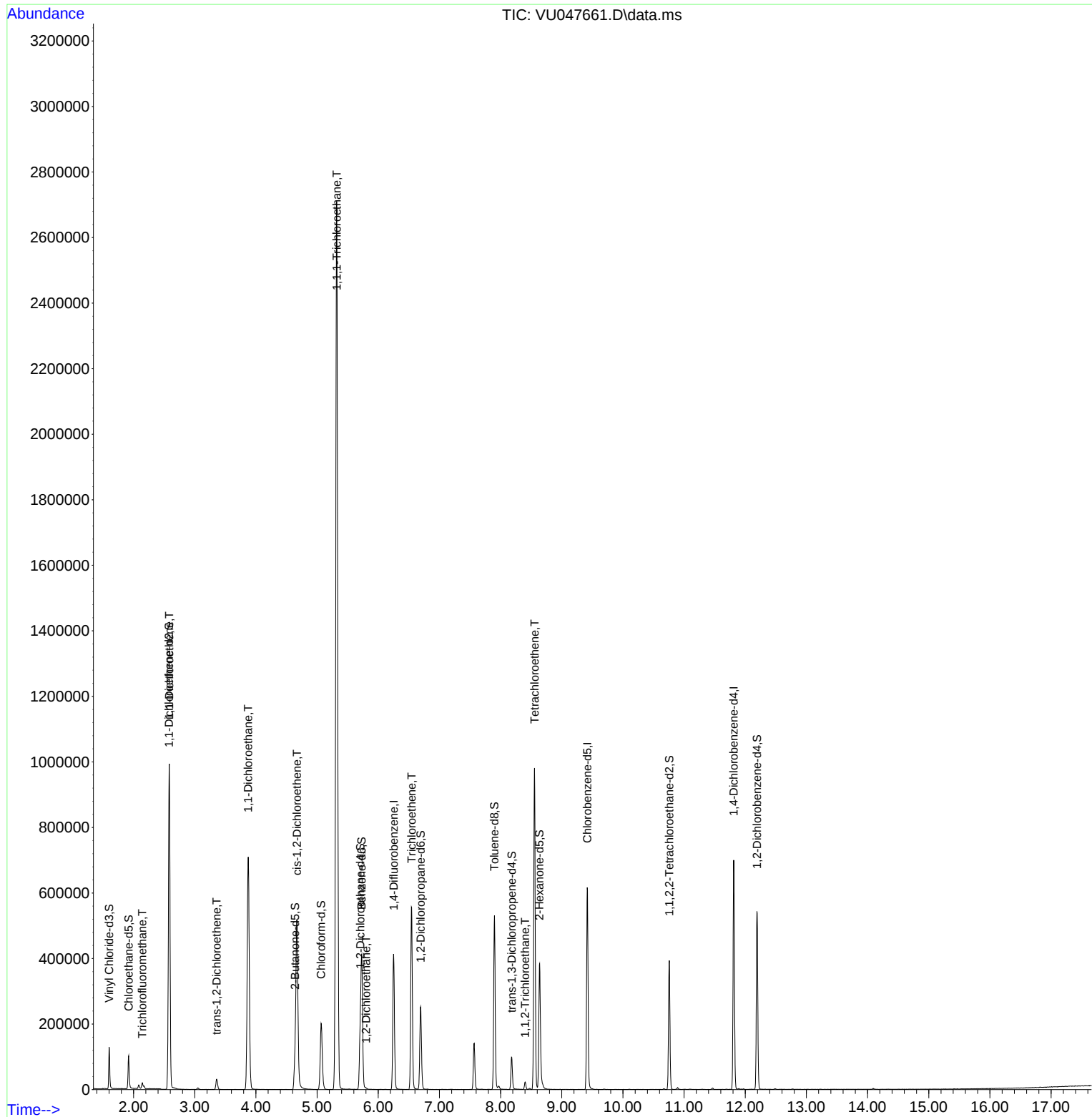
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047661.D
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Operator : SY/MD
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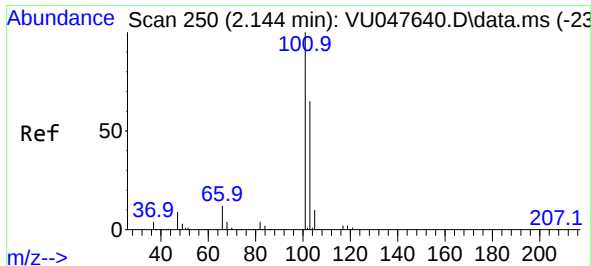
Instrument :
MSVOA_U
ClientSampleId :
EW5Y7

Quant Time: Mar 25 05:31:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 24 23:34:42 2022
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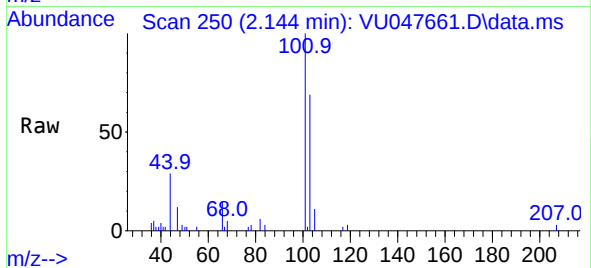
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/29/2022





#9
Trichlorofluoromethane
Concen: 2.266 ug/L
RT: 2.144 min Scan# 210
Delta R.T. -0.000 min
Lab File: VU047661.D
Acq: 25 Mar 2022 02:25

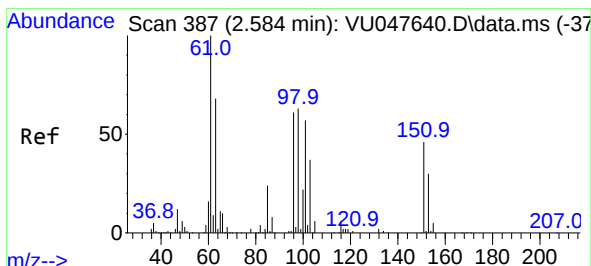
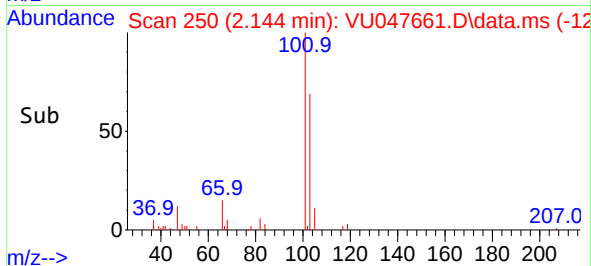
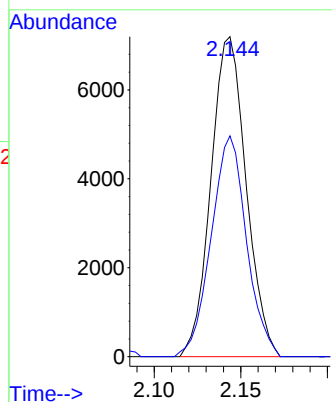
Instrument :
MSVOA_U
ClientSampleId :
EW5Y7



Tgt Ion:101 Resp: 1019
Ion Ratio Lower Upper
101 100
103 69.1 51.4 77.2

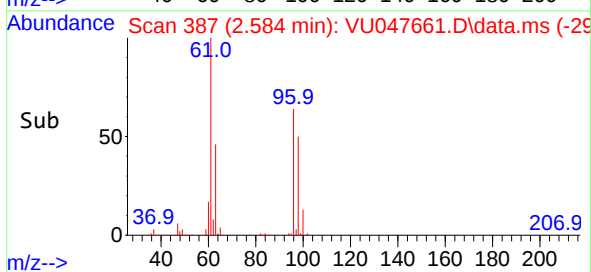
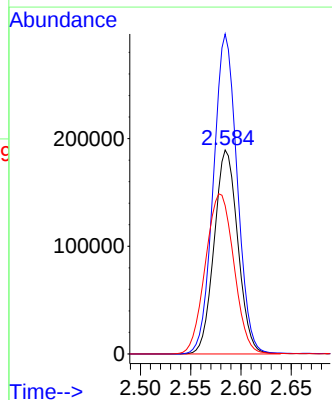
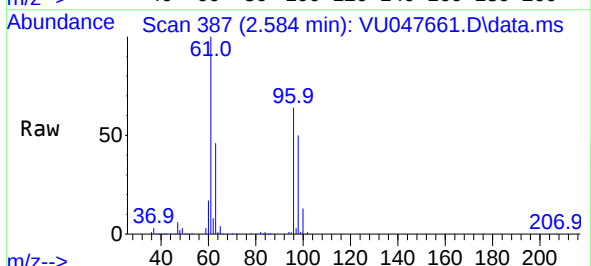
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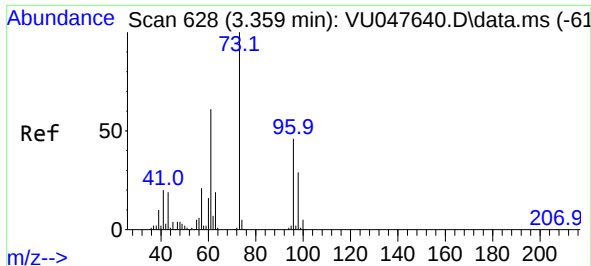
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/29/2022



#12
1,1-Dichloroethene
Concen: 128.002 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU047661.D
Acq: 25 Mar 2022 02:25

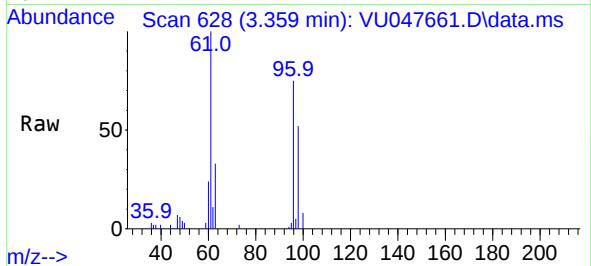
Tgt Ion: 96 Resp: 309780
Ion Ratio Lower Upper
96 100
61 156.9 113.1 210.1
63 72.7 94.8 176.0#





#17
trans-1,2-Dichloroethene
Concen: 5.204 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047661.D
Acq: 25 Mar 2022 02:25

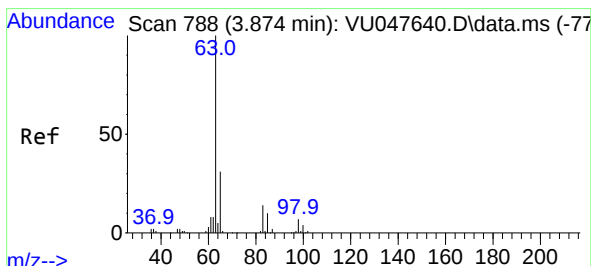
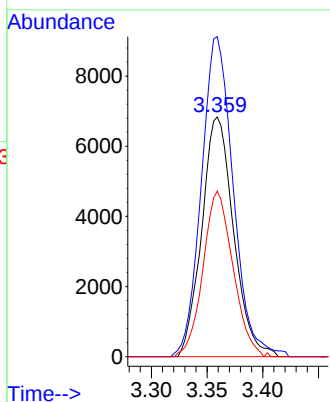
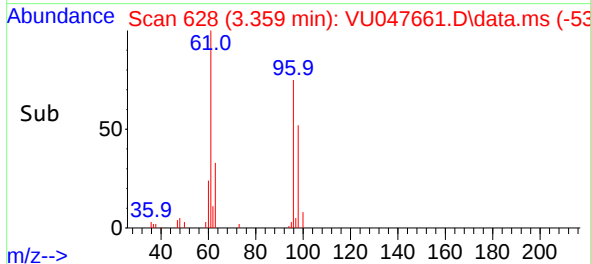
Instrument :
MSVOA_U
ClientSampleId :
EW5Y7



Tgt Ion: 96 Resp: 1358
Ion Ratio Lower Upper
96 100
61 133.5 88.4 164.2
98 69.1 43.3 80.5

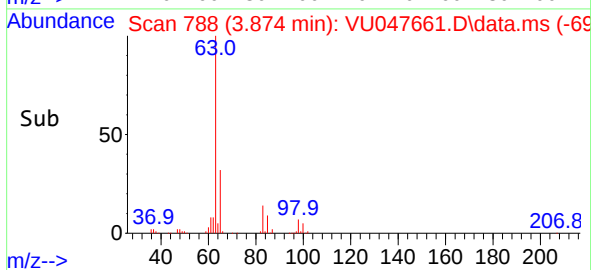
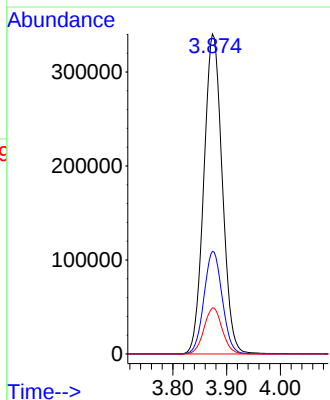
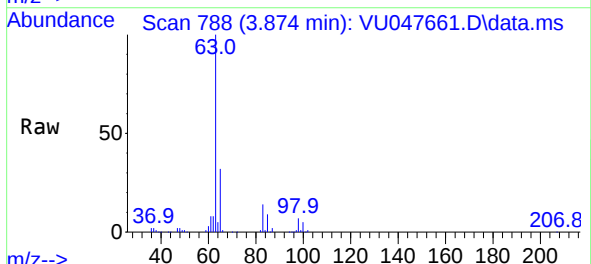
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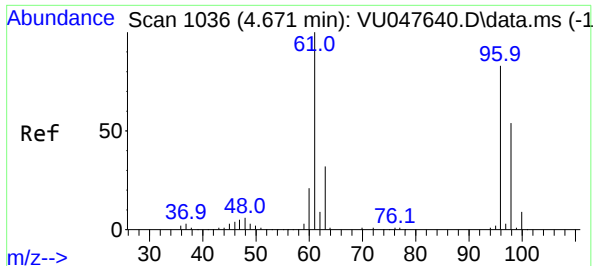
Reviewed By :John Carlone 03/25/2022
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#19
1,1-Dichloroethane
Concen: 179.851 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU047661.D
Acq: 25 Mar 2022 02:25

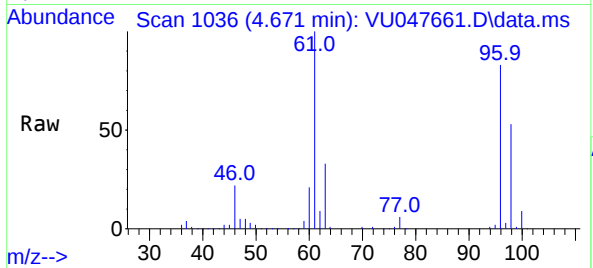
Tgt Ion: 63 Resp: 809678
Ion Ratio Lower Upper
63 100
65 32.1 22.0 41.0
83 14.4 9.7 18.1





#20
cis-1,2-Dichloroethene
Concen: 89.242 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047661.D
Acq: 25 Mar 2022 02:25

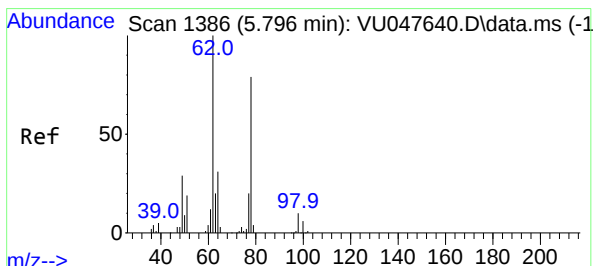
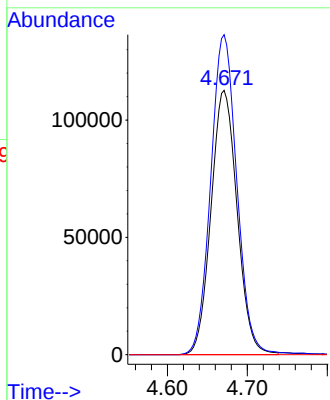
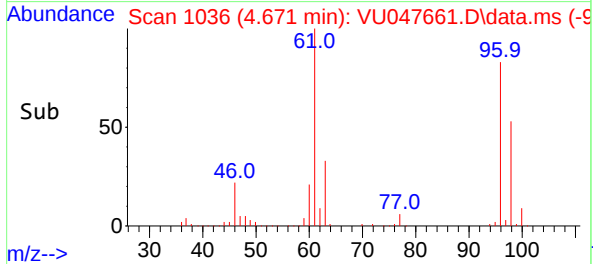
Instrument :
MSVOA_U
ClientSampleId :
EW5Y7



Tgt Ion: 96 Resp: 25538
Ion Ratio Lower Upper
96 100
61 121.1 80.7 149.9
68 0.0 0.0 0.0

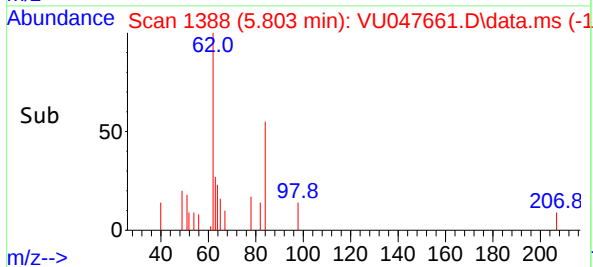
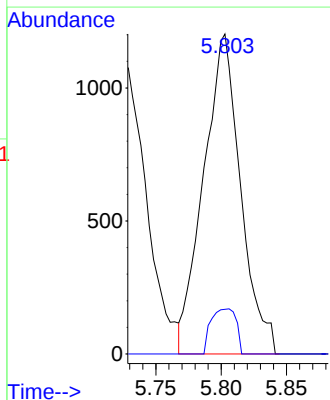
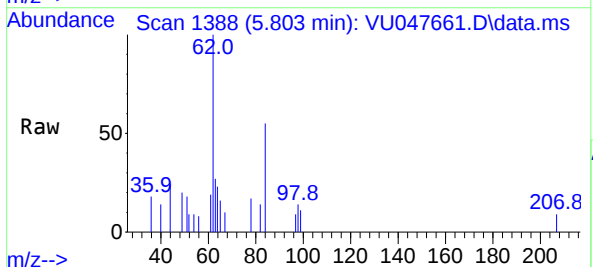
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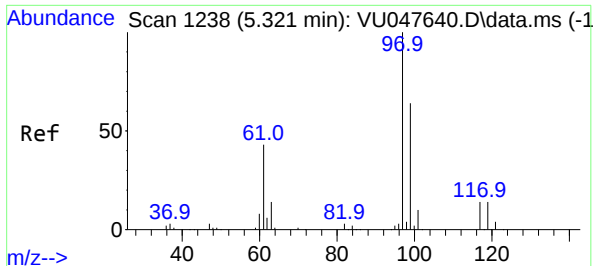
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#27
1,2-Dichloroethane
Concen: 0.634 ug/L m
RT: 5.803 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VU047661.D
Acq: 25 Mar 2022 02:25

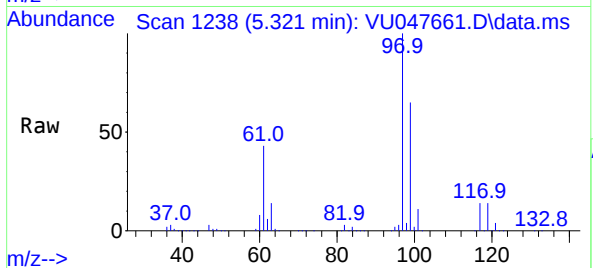
Tgt Ion: 62 Resp: 2373
Ion Ratio Lower Upper
62 100
98 14.0 7.4 11.0#





#30
1,1,1-Trichloroethane
Concen: 469.637 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047661.D
Acq: 25 Mar 2022 02:25

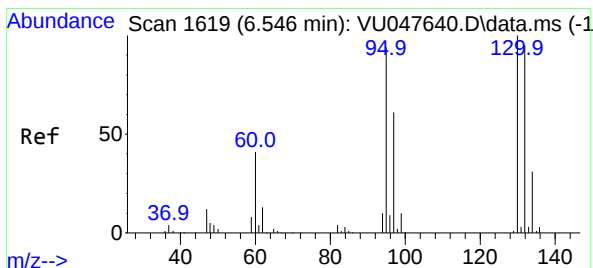
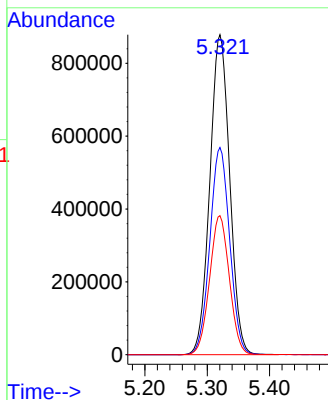
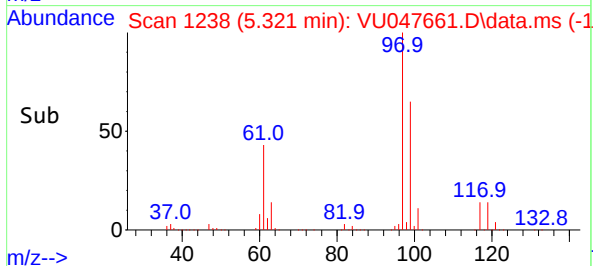
Instrument :
MSVOA_U
ClientSampleId :
EW5Y7



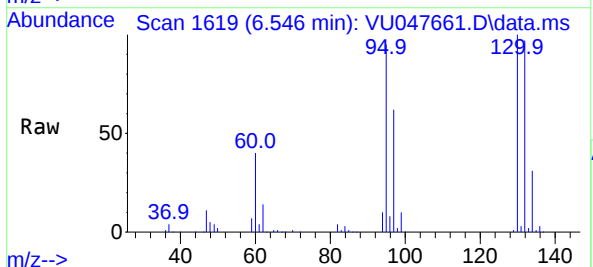
Tgt Ion: 97 Resp: 194365
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 43.3 34.2 51.4

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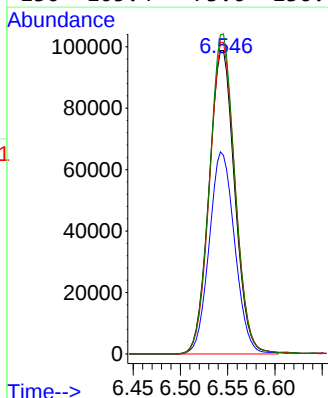
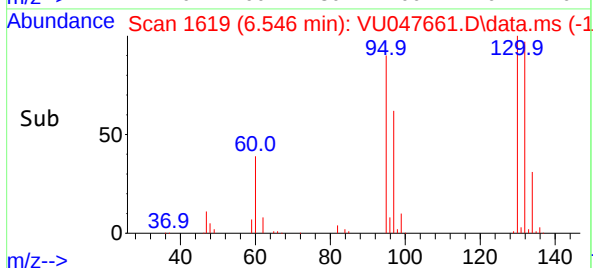
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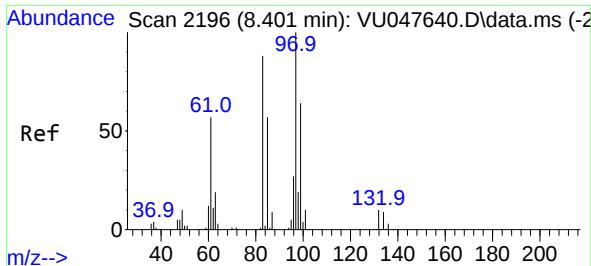


#34
Trichloroethene
Concen: 67.324 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047661.D
Acq: 25 Mar 2022 02:25



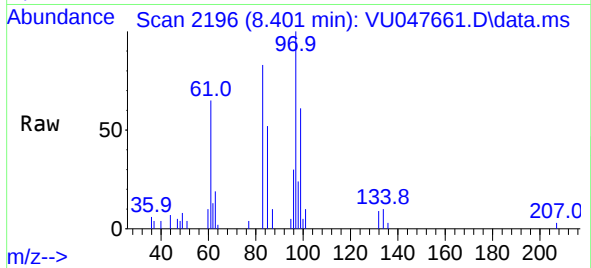
Tgt Ion: 95 Resp: 186471
Ion Ratio Lower Upper
95 100
97 65.4 44.7 82.9
132 102.7 70.4 130.8
130 105.4 73.6 136.8





#45
1,1,2-Trichloroethane
Concen: 2.478 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
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MSVOA_U
ClientSampleId :
EW5Y7

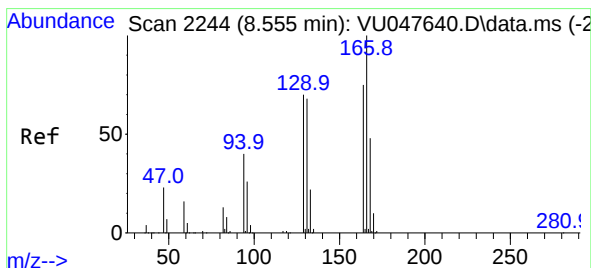
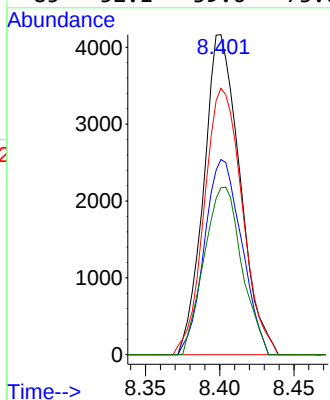
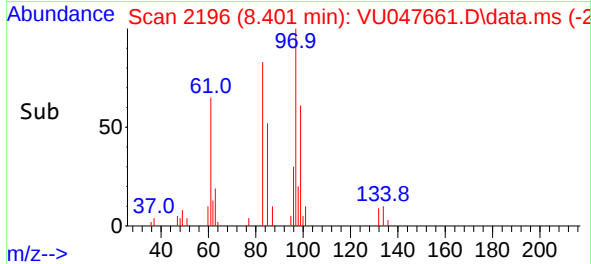


Tgt Ion: 97 Resp: 7059

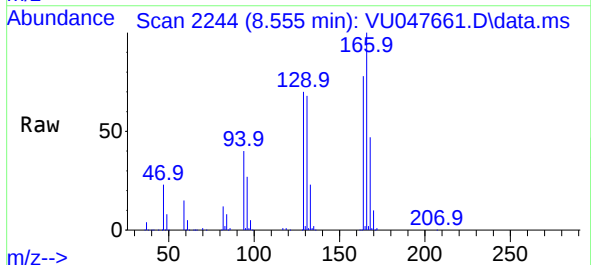
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.3	80.3
83	83.3	61.0	113.4
85	52.1	39.6	73.6

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#46
Tetrachloroethene
Concen: 91.431 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047661.D
Acq: 25 Mar 2022 02:25



Tgt Ion:164 Resp: 227575

Ion	Ratio	Lower	Upper
164	100		
129	89.4	62.4	116.0
131	87.6	60.7	112.7
166	128.5	89.0	165.4

