

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047648.D
 Acq On : 24 Mar 2022 21:31
 Operator : SY/MD
 Sample : N2081-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X6

Manual Integrations
 APPROVED

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

Quant Time: Mar 24 23:50:24 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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	197207	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	204082	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109388	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	91214	63.783	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 127.560%			
7) Chloroethane-d5	1.919	69	76622	67.950	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 135.900%#			
11) 1,1-Dichloroethene-d2	2.571	63	130733	49.966	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.940%			
21) 2-Butanone-d5	4.636	46	187839	153.030	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 153.030%#			
24) Chloroform-d	5.067	84	172811	66.043	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 132.080%#			
26) 1,2-Dichloroethane-d4	5.706	65	110861	69.079	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 138.160%#			
32) Benzene-d6	5.729	84	359108	69.930	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 139.860%#			
36) 1,2-Dichloropropane-d6	6.694	67	111363	70.613	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 141.220%#			
41) Toluene-d8	7.899	98	330741	66.105	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 132.200%#			
43) trans-1,3-Dichloroprop...	8.179	79	53194	66.577	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 133.160%#			
47) 2-Hexanone-d5	8.636	63	138337	149.840	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 149.840%#			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	176700	65.286	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 130.580%#			
66) 1,2-Dichlorobenzene-d4	12.195	152	141111	72.509	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 145.020%#			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	8378	6.193	ug/L	# 1
13) Acetone	2.658	43	7047m	6.169	ug/L	
17) trans-1,2-Dichloroethene	3.362	96	1522	1.043	ug/L	92
19) 1,1-Dichloroethane	3.877	63	103454	41.112	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	46568	29.112	ug/L	93
30) 1,1,1-Trichloroethane	5.321	97	323427	139.765	ug/L	99
34) Trichloroethene	6.546	95	10118	6.533	ug/L	97
46) Tetrachloroethene	8.555	164	21511	15.456	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	11583	2.377	ug/L	95

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

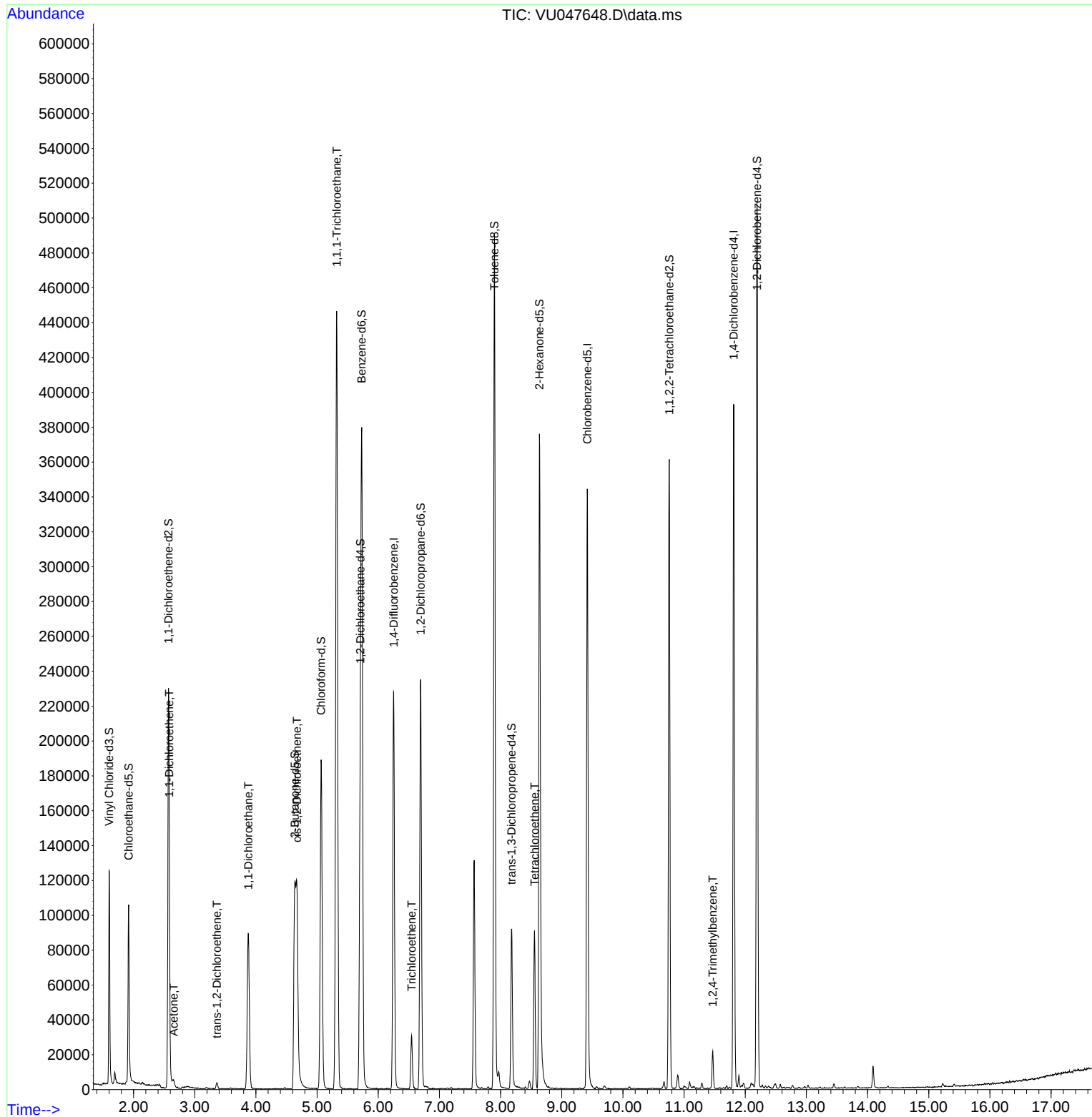
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047648.D
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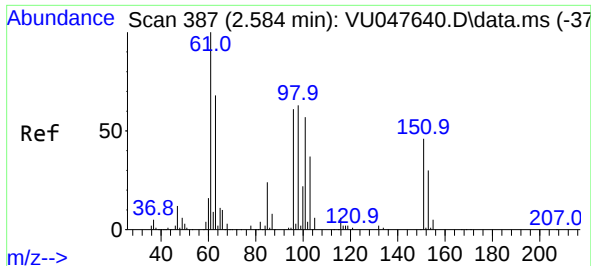
Instrument :
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Quant Time: Mar 24 23:50:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
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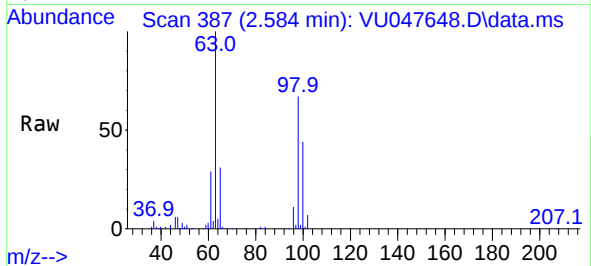
Reviewed By : John Carlone 03/25/2022
Supervised By : Mahesh Dadoda 03/29/2022





#12
1,1-Dichloroethene
Concen: 6.193 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047648.D
Acq: 24 Mar 2022 21:31

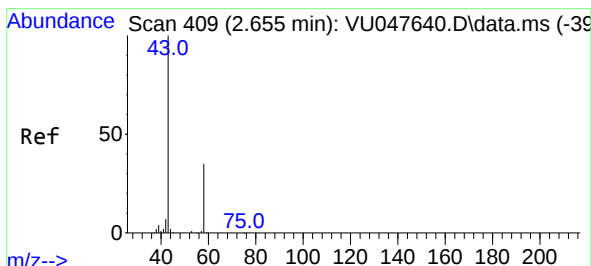
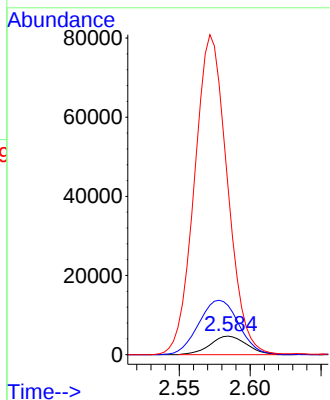
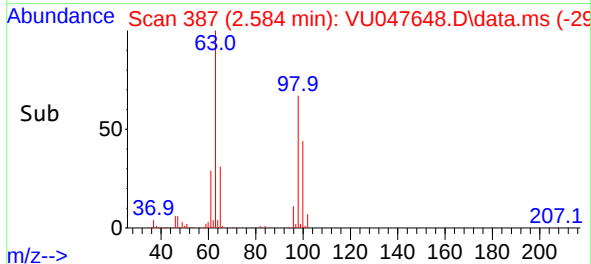
Instrument :
MSVOA_U
ClientSampleId :
EW5X6



Tgt Ion: 96 Resp: 8378
Ion Ratio Lower Upper
96 100
61 265.5 113.1 210.1
63 901.4 94.8 176.0

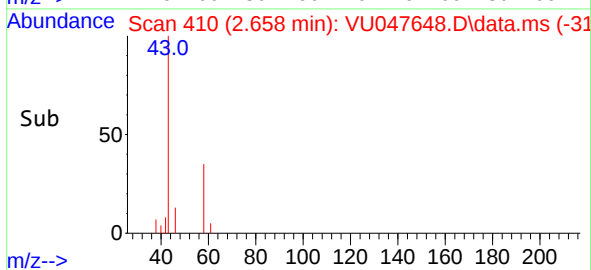
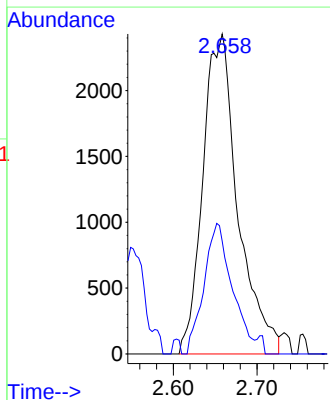
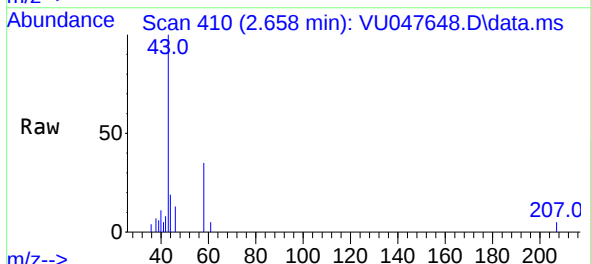
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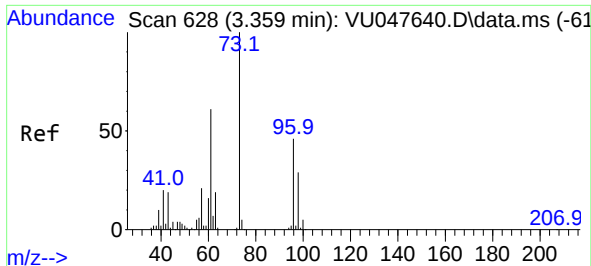
Reviewed By :John Carlone 03/25/2022
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#13
Acetone
Concen: 6.169 ug/L m
RT: 2.658 min Scan# 410
Delta R.T. 0.003 min
Lab File: VU047648.D
Acq: 24 Mar 2022 21:31

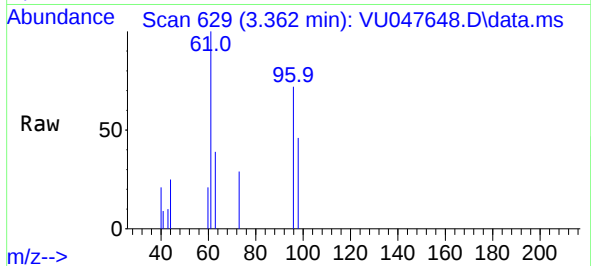
Tgt Ion: 43 Resp: 7047
Ion Ratio Lower Upper
43 100
58 1.1 0.0 70.0





#17
trans-1,2-Dichloroethene
Concen: 1.043 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047648.D
Acq: 24 Mar 2022 21:31

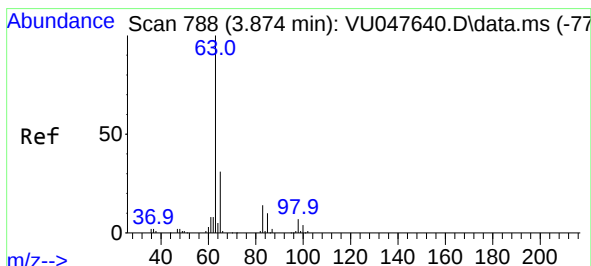
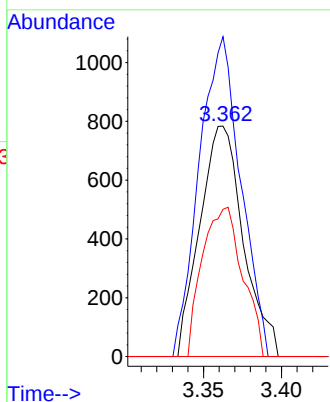
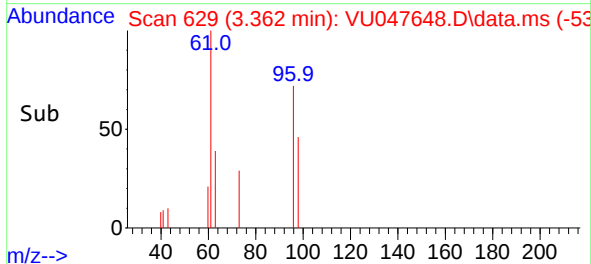
Instrument :
MSVOA_U
ClientSampleId :
EW5X6



Tgt Ion: 96 Resp: 152
Ion Ratio Lower Upper
96 100
61 138.8 88.4 164.2
98 63.9 43.3 80.5

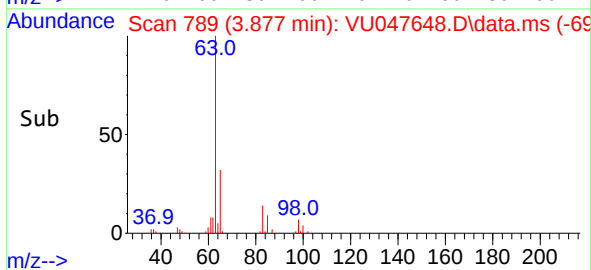
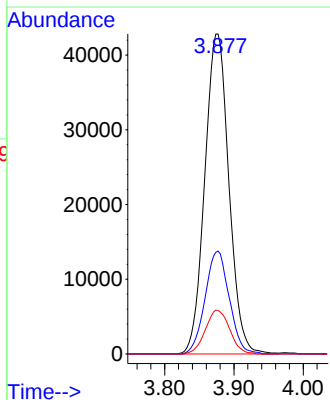
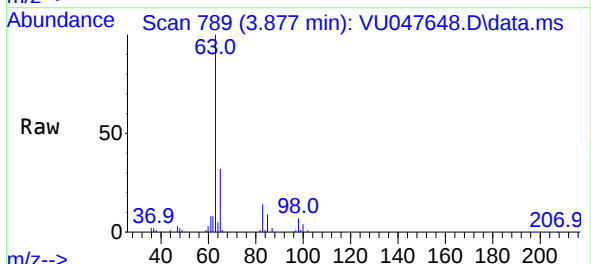
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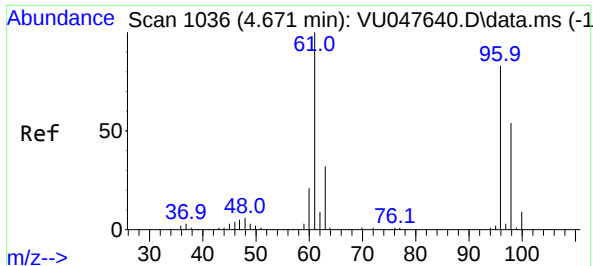
Reviewed By :John Carlone 03/25/2022
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#19
1,1-Dichloroethane
Concen: 41.112 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.003 min
Lab File: VU047648.D
Acq: 24 Mar 2022 21:31

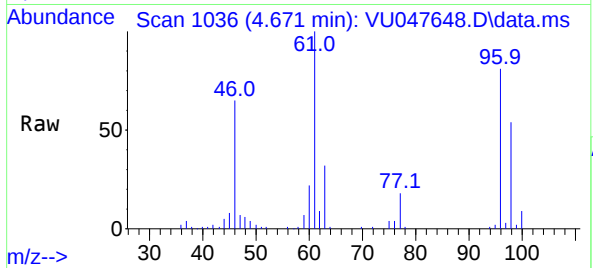
Tgt Ion: 63 Resp: 103454
Ion Ratio Lower Upper
63 100
65 32.2 22.0 41.0
83 13.6 9.7 18.1





#20
cis-1,2-Dichloroethene
Concen: 29.112 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047648.D
Acq: 24 Mar 2022 21:31

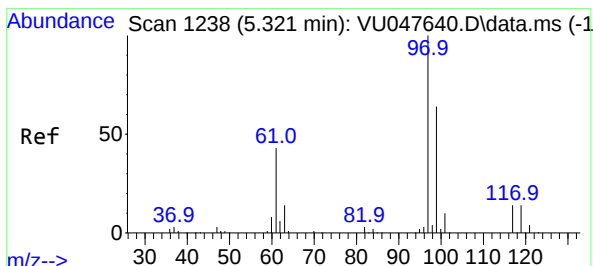
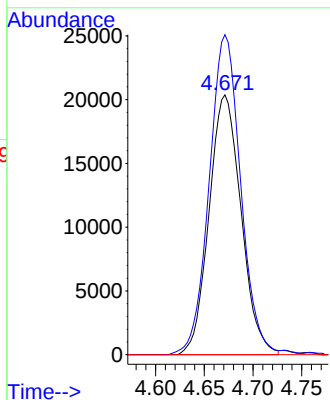
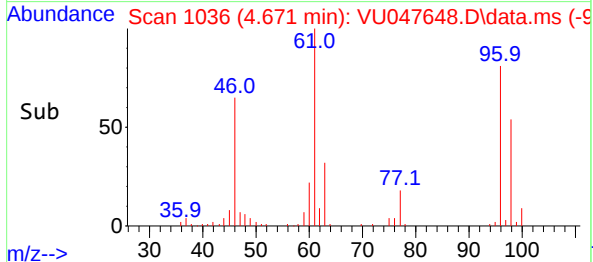
Instrument :
MSVOA_U
ClientSampleId :
EW5X6



Tgt Ion: 96 Resp: 4656
Ion Ratio Lower Upper
96 100
61 123.1 80.7 149.9
68 0.0 0.0 0.0

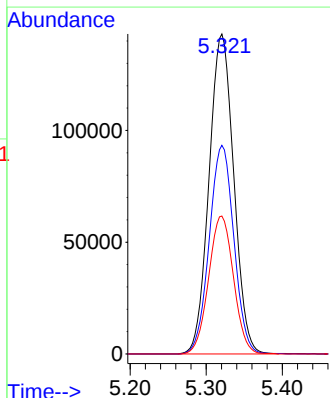
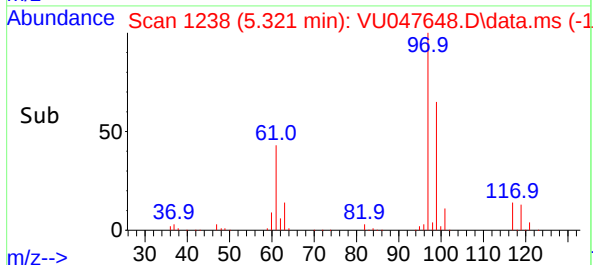
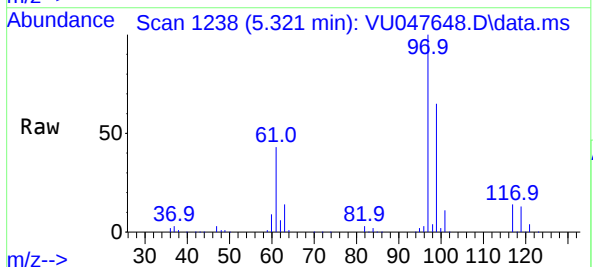
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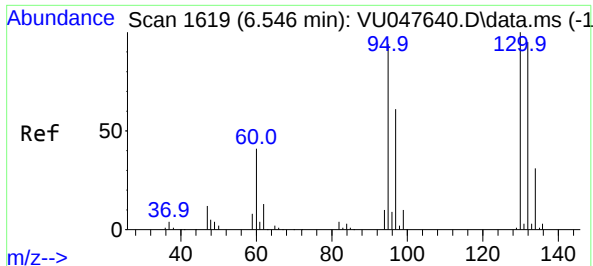
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#30
1,1,1-Trichloroethane
Concen: 139.765 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047648.D
Acq: 24 Mar 2022 21:31

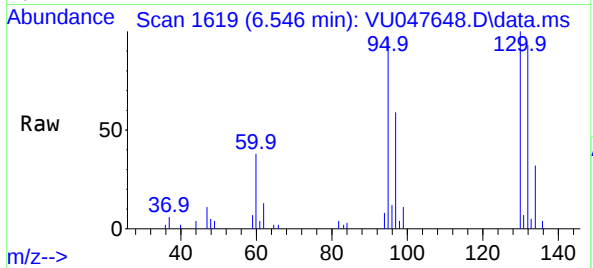
Tgt Ion: 97 Resp: 323427
Ion Ratio Lower Upper
97 100
99 64.9 51.6 77.4
61 43.4 34.2 51.4





#34
Trichloroethene
Concen: 6.533 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047648.D
Acq: 24 Mar 2022 21:31

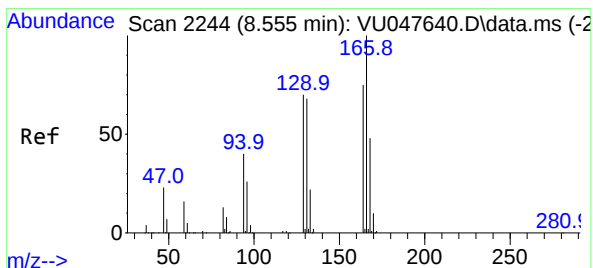
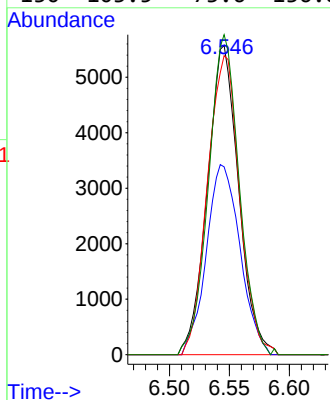
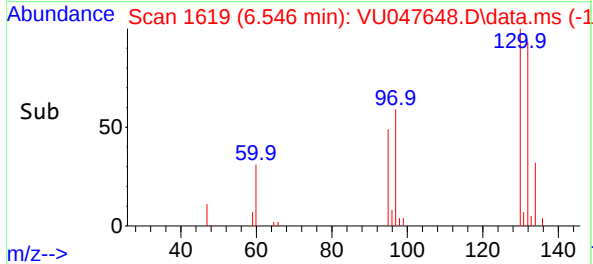
Instrument :
MSVOA_U
ClientSampleId :
EW5X6



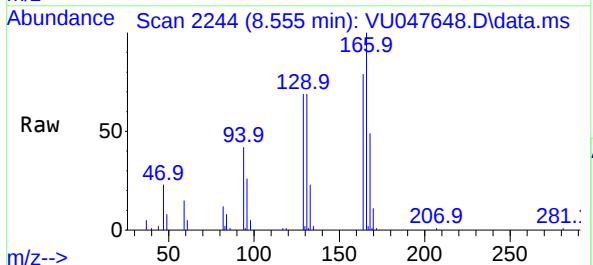
Tgt Ion: 95 Resp: 10118
Ion Ratio Lower Upper
95 100
97 60.8 44.7 82.9
132 96.7 70.4 130.8
130 103.5 73.6 136.8

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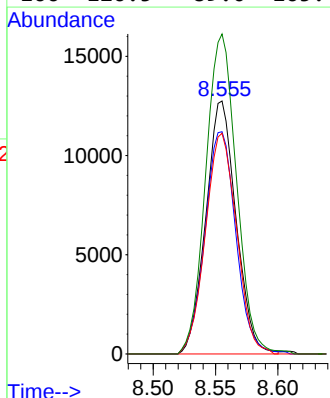
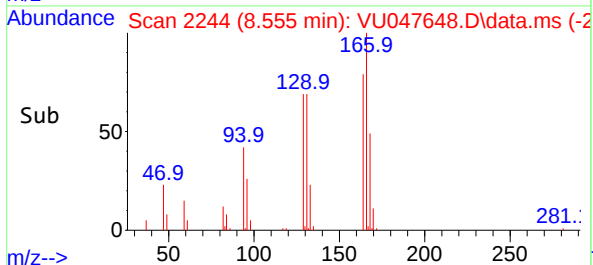
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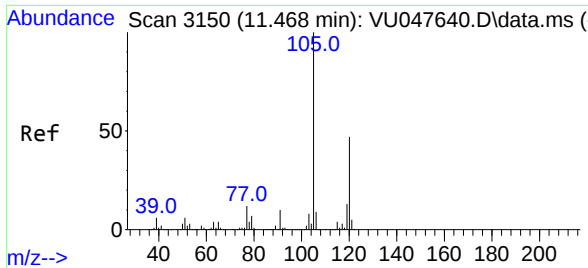


#46
Tetrachloroethene
Concen: 15.456 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047648.D
Acq: 24 Mar 2022 21:31



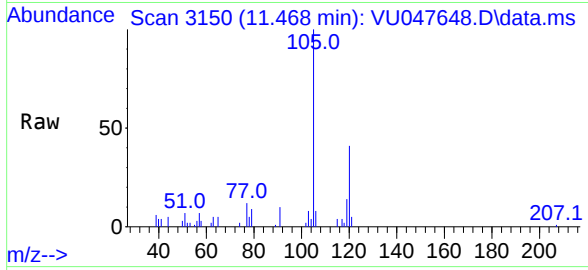
Tgt Ion:164 Resp: 21511
Ion Ratio Lower Upper
164 100
129 87.9 62.4 116.0
131 87.3 60.7 112.7
166 126.5 89.0 165.4





#63
1,2,4-Trimethylbenzene
Concen: 2.377 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
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Tgt Ion:	105	Resp:	1158
Ion Ratio	Lower	Upper	
105	100		
120	43.8	37.6	56.4

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