

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047667.D
 Acq On : 25 Mar 2022 12:12
 Operator : SY/MD
 Sample : N2081-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Y6

Quant Time: Mar 26 02:07:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 26 02:04:39 2022
 Response via : Initial Calibration

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

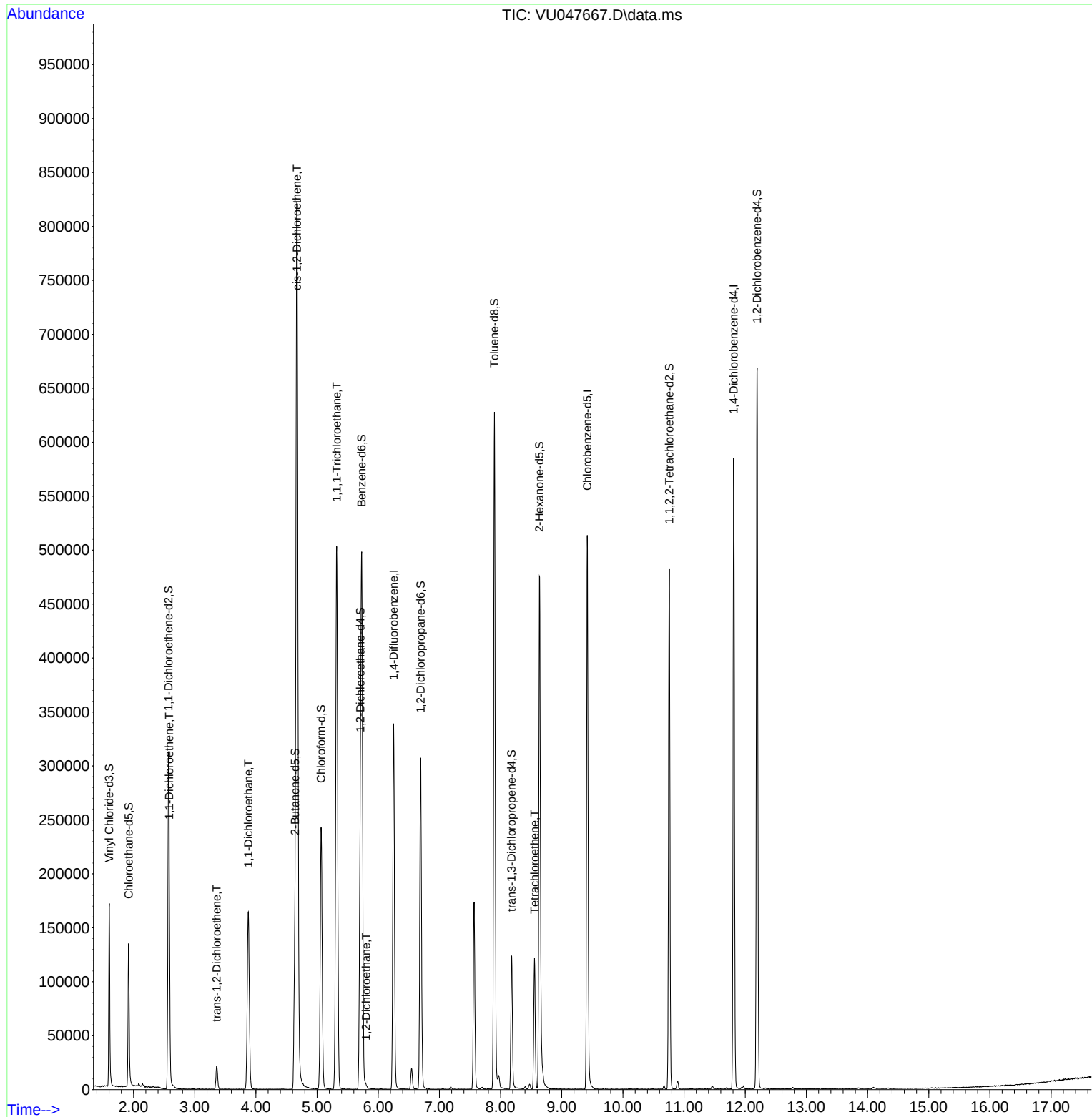
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	292297	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	304811	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	161658	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	123479	58.255	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 116.500%		
7) Chloroethane-d5	1.919	69	101591	60.784	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 121.560%		
11) 1,1-Dichloroethene-d2	2.572	63	177656	45.811	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 91.620%		
21) 2-Butanone-d5	4.639	46	240480	132.181	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 132.180%#		
24) Chloroform-d	5.067	84	225384	58.113	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 116.220%		
26) 1,2-Dichloroethane-d4	5.706	65	147511	62.014	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 124.020%		
32) Benzene-d6	5.729	84	469644	61.232	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 122.460%		
36) 1,2-Dichloropropane-d6	6.694	67	148167	62.903	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 125.800%#		
41) Toluene-d8	7.899	98	438258	58.648	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 117.300%		
43) trans-1,3-Dichloroprop...	8.179	79	70230	58.852	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 117.700%		
47) 2-Hexanone-d5	8.636	63	177014	128.373	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 128.370%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	233818	57.841	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 115.680%		
66) 1,2-Dichlorobenzene-d4	12.195	152	185920	64.644	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 129.280%#		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	17814	8.885	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	9466	4.377	ug/L	97
19) 1,1-Dichloroethane	3.877	63	185983	49.864	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	425674	179.541	ug/L	95
27) 1,2-Dichloroethane	5.803	62	1837	0.592	ug/L #	86
30) 1,1,1-Trichloroethane	5.321	97	363988	105.313	ug/L	99
46) Tetrachloroethene	8.555	164	28466	13.695	ug/L	97

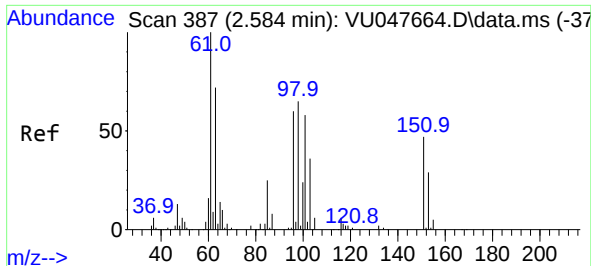
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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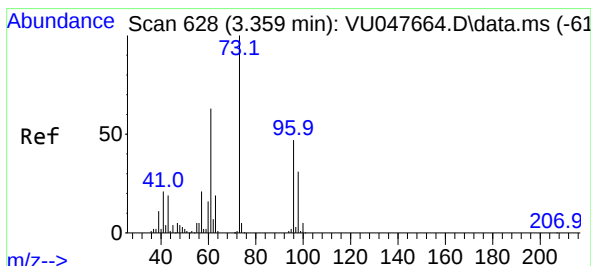
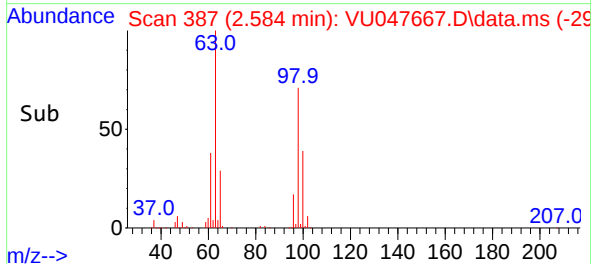
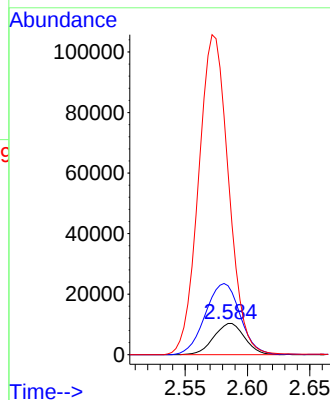
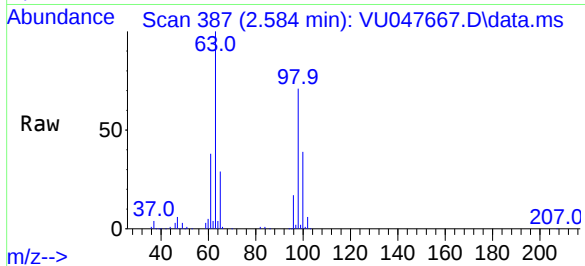




#12
1,1-Dichloroethene
Concen: 8.885 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047667.D
Acq: 25 Mar 2022 12:12

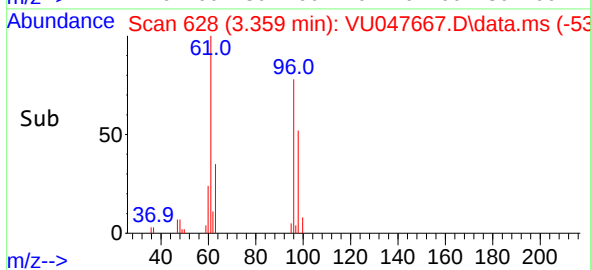
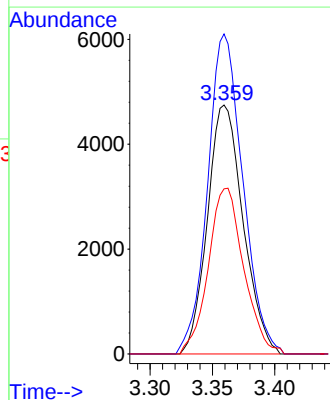
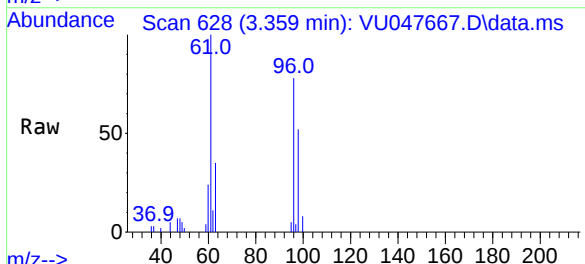
Instrument :
MSVOA_U
ClientSampleId :
EW5Y6

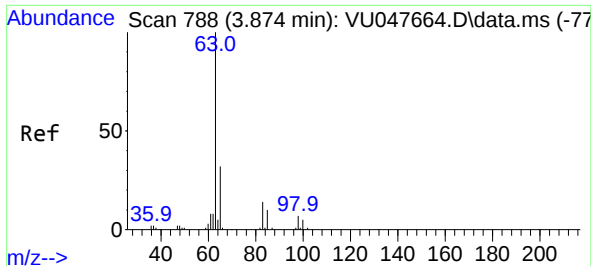
Tgt Ion: 96 Resp: 17814
Ion Ratio Lower Upper
96 100
61 221.2 113.1 210.1#
63 585.7 94.8 176.0#



#17
trans-1,2-Dichloroethene
Concen: 4.377 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047667.D
Acq: 25 Mar 2022 12:12

Tgt Ion: 96 Resp: 9466
Ion Ratio Lower Upper
96 100
61 128.5 88.4 164.2
98 66.3 43.3 80.5





#19

1,1-Dichloroethane

Concen: 49.864 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU047667.D

Acq: 25 Mar 2022 12:12

Instrument :

MSVOA_U

ClientSampleId :

EW5Y6

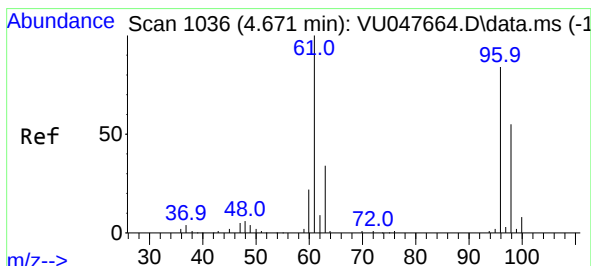
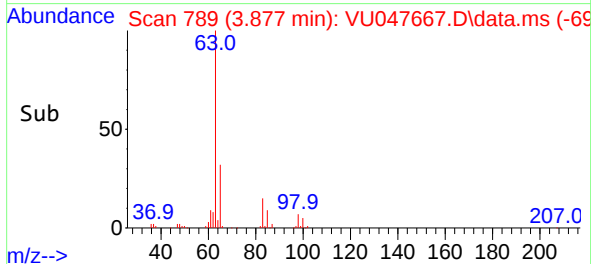
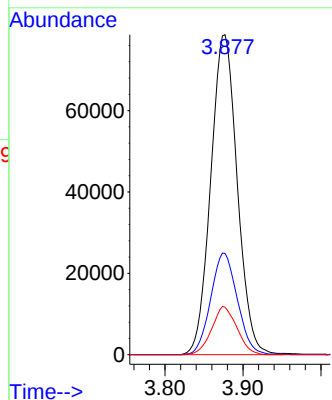
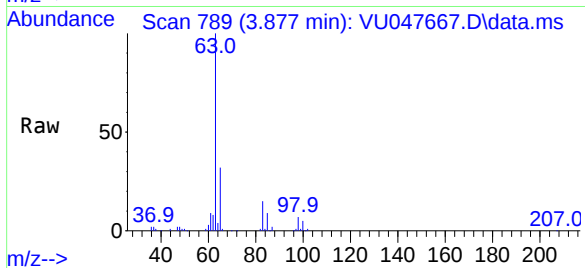
Tgt Ion: 63 Resp: 185983

Ion Ratio Lower Upper

63 100

65 31.6 22.0 41.0

83 14.9 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 179.541 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047667.D

Acq: 25 Mar 2022 12:12

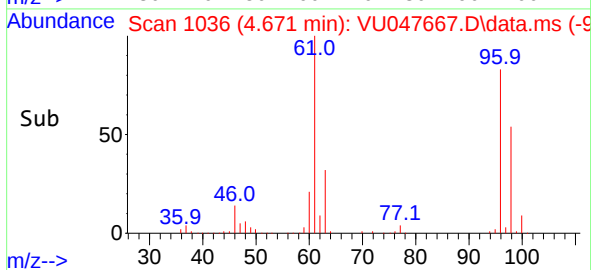
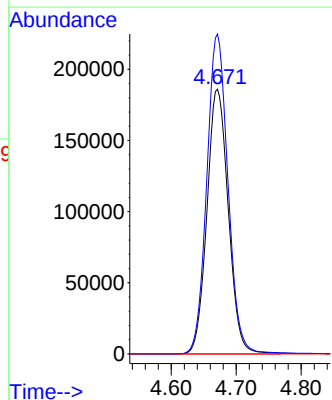
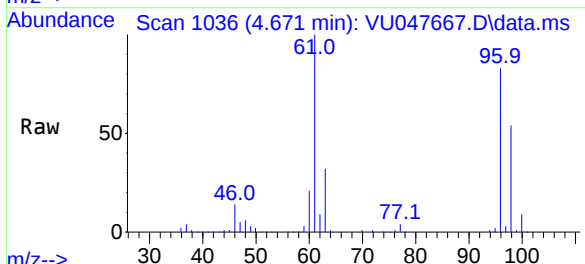
Tgt Ion: 96 Resp: 425674

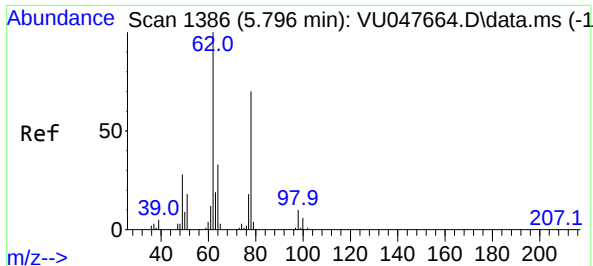
Ion Ratio Lower Upper

96 100

61 120.8 80.7 149.9

68 0.0 0.0 0.0

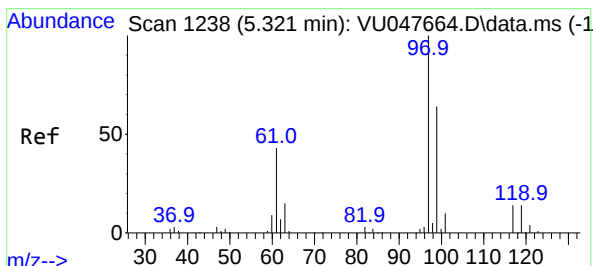
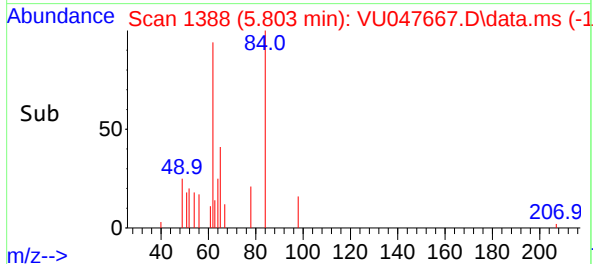
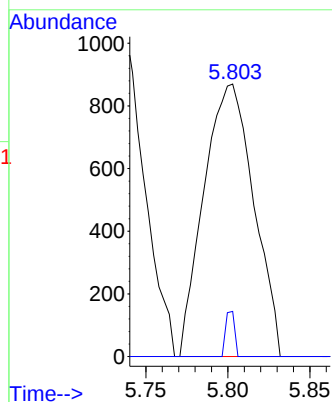
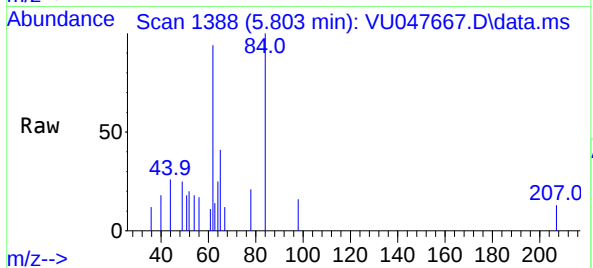




#27
1,2-Dichloroethane
Concen: 0.592 ug/L
RT: 5.803 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU047667.D
Acq: 25 Mar 2022 12:12

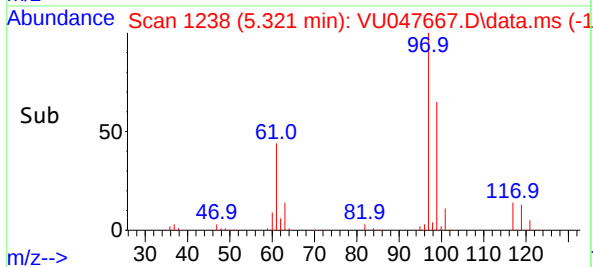
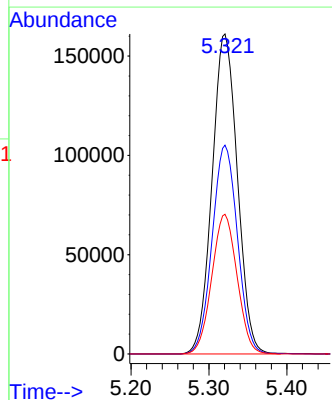
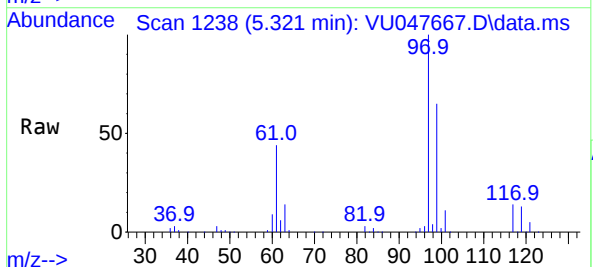
Instrument :
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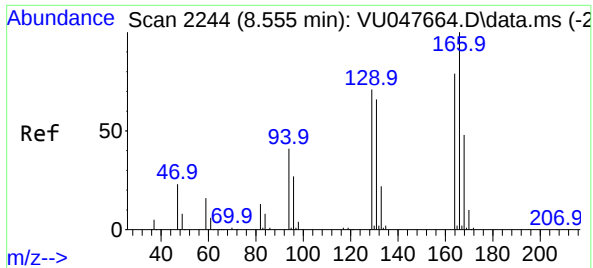
Tgt Ion: 62 Resp: 1837
Ion Ratio Lower Upper
62 100
98 14.5 7.4 11.0#



#30
1,1,1-Trichloroethane
Concen: 105.313 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047667.D
Acq: 25 Mar 2022 12:12

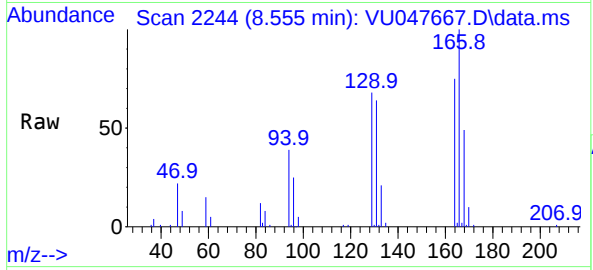
Tgt Ion: 97 Resp: 363988
Ion Ratio Lower Upper
97 100
99 65.4 51.6 77.4
61 43.6 34.2 51.4





#46
Tetrachloroethene
Concen: 13.695 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047667.D
Acq: 25 Mar 2022 12:12

Instrument :
MSVOA_U
ClientSampleId :
EW5Y6



Tgt Ion:164 Resp: 28466

Ion	Ratio	Lower	Upper
164	100		
129	91.1	62.4	116.0
131	85.6	60.7	112.7
166	133.7	89.0	165.4

