

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047671.D
 Acq On : 25 Mar 2022 14:14
 Operator : SY/MD
 Sample : N2081-04DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X3DL

Quant Time: Mar 26 02:08:52 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)

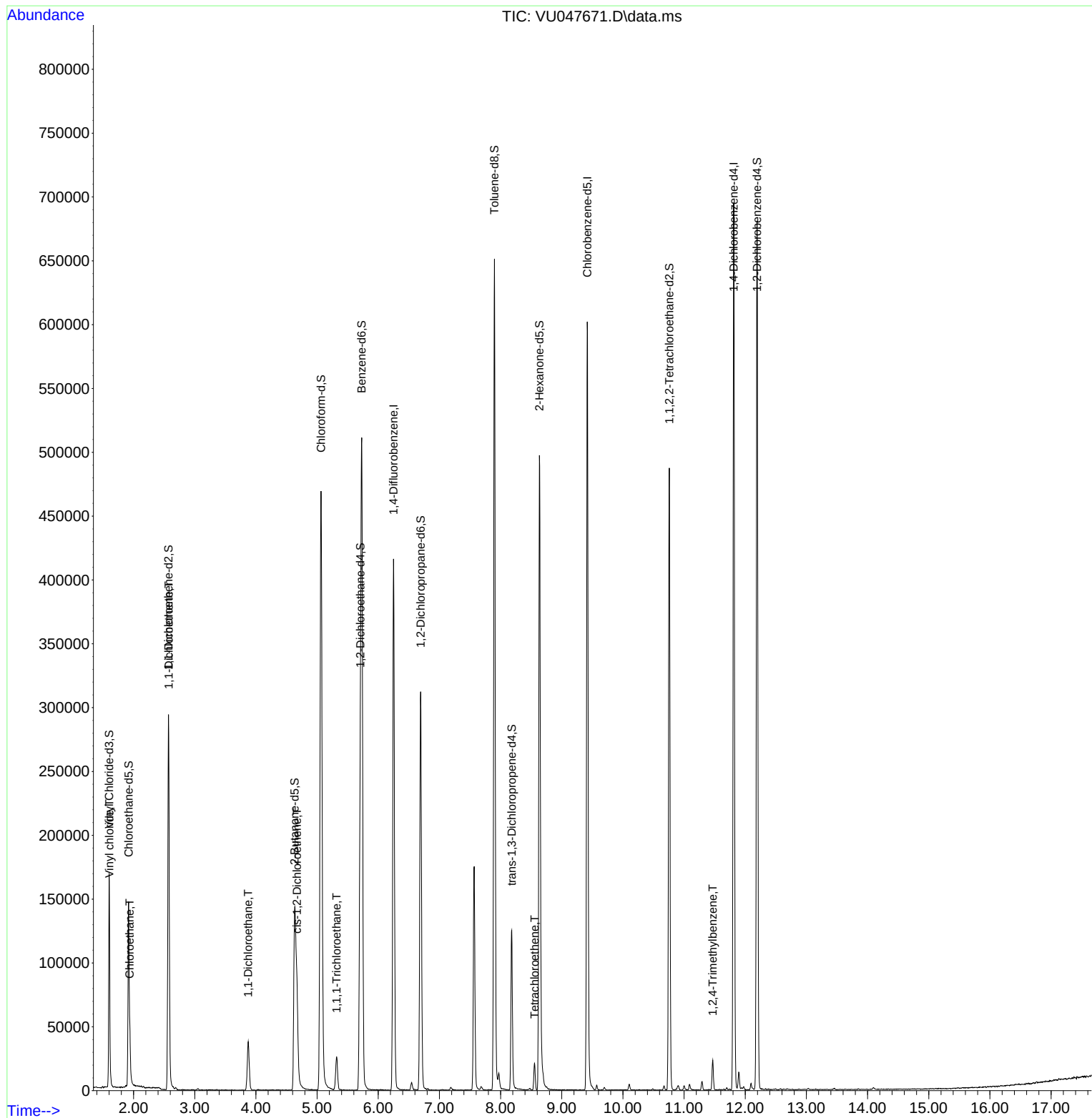
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	347379	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	355052	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	191089	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	122272	48.539	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.080%		
7) Chloroethane-d5	1.919	69	108955	54.854	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	109.700%		
11) 1,1-Dichloroethene-d2	2.571	63	168694	36.602	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.200%		
21) 2-Butanone-d5	4.632	46	240778	111.359	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.360%		
24) Chloroform-d	5.066	84	230420	49.991	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.980%		
26) 1,2-Dichloroethane-d4	5.706	65	150417	53.209	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.420%		
32) Benzene-d6	5.729	84	474379	53.098	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.200%		
36) 1,2-Dichloropropane-d6	6.693	67	148627	54.169	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	108.340%		
41) Toluene-d8	7.899	98	439760	50.521	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.040%		
43) trans-1,3-Dichloroprop...	8.182	79	70969	51.056	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	102.120%		
47) 2-Hexanone-d5	8.635	63	180628	112.457	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	112.460%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	237845	50.511	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.020%		
66) 1,2-Dichlorobenzene-d4	12.195	152	187871	55.262	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.520%		
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	1847	0.588	ug/L #	1
8) Chloroethane	1.938	64	22042	11.178	ug/L	100
12) 1,1-Dichloroethene	2.575	96	2200	0.923	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	42155	9.510	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	28540	10.129	ug/L	94
30) 1,1,1-Trichloroethane	5.317	97	18707	4.647	ug/L	98
46) Tetrachloroethene	8.555	164	4855	2.005	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	12388	1.455	ug/L	99

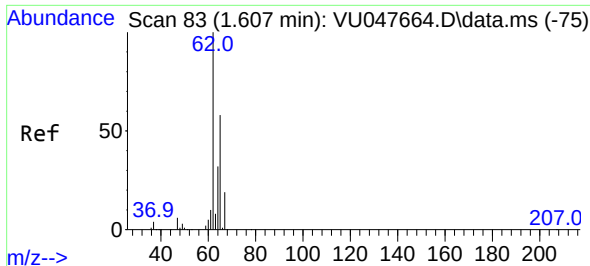
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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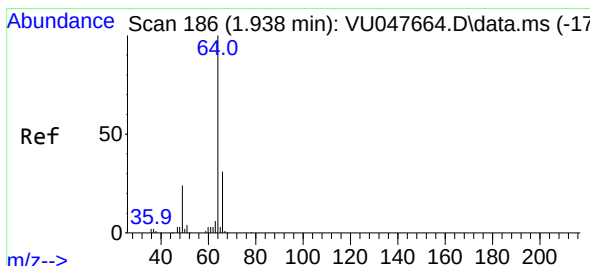
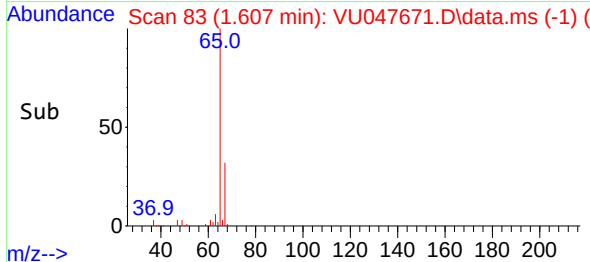
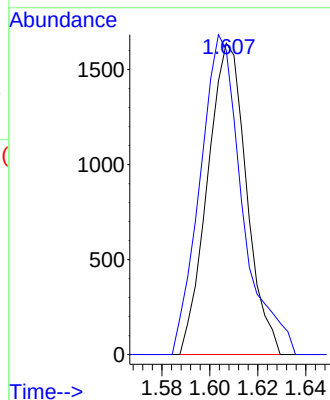
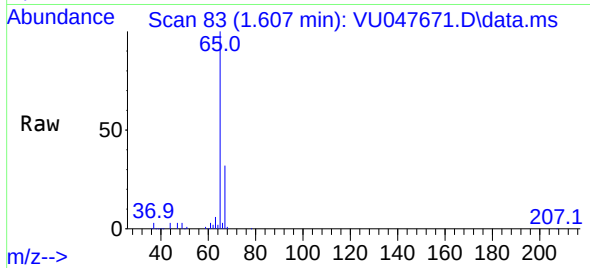




#5
 Vinyl chloride
 Concen: 0.588 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047671.D
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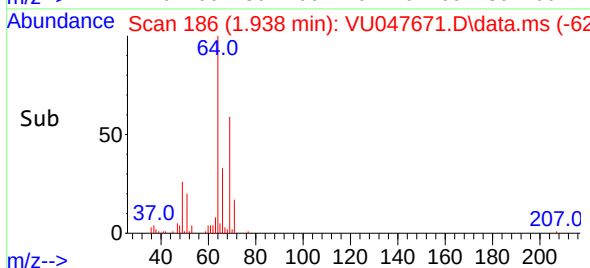
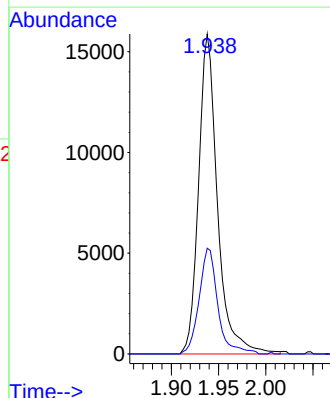
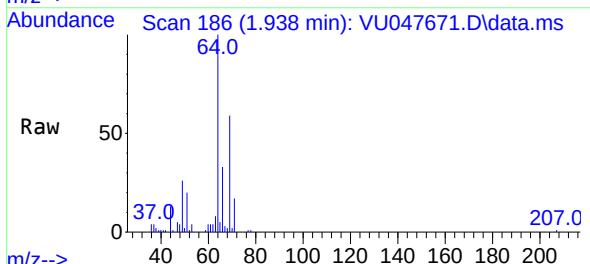
Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X3DL

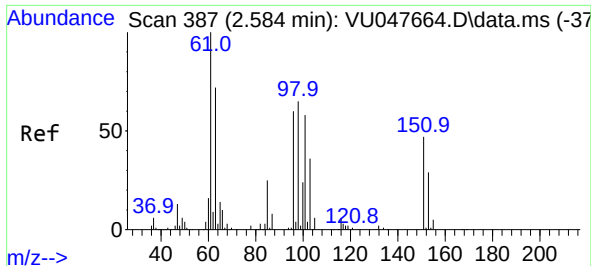
Tgt Ion: 62 Resp: 1847
 Ion Ratio Lower Upper
 62 100
 64 97.7 23.7 43.9#



#8
 Chloroethane
 Concen: 11.178 ug/L
 RT: 1.938 min Scan# 186
 Delta R.T. 0.000 min
 Lab File: VU047671.D
 Acq: 25 Mar 2022 14:14

Tgt Ion: 64 Resp: 22042
 Ion Ratio Lower Upper
 64 100
 66 33.0 23.3 43.3





#12

1,1-Dichloroethene

Concen: 0.923 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.010 min

Lab File: VU047671.D

Acq: 25 Mar 2022 14:14

Instrument :

MSVOA_U

ClientSampleId :

EW5X3DL

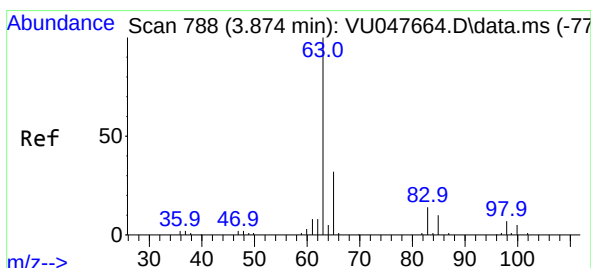
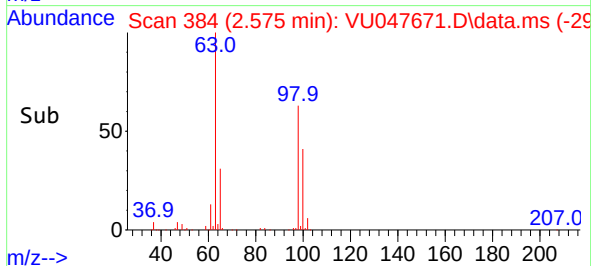
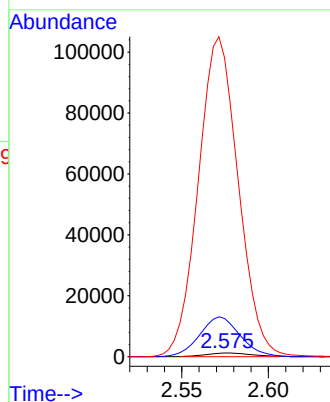
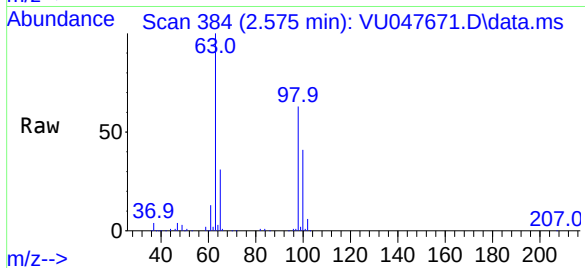
Tgt Ion: 96 Resp: 2200

Ion Ratio Lower Upper

96 100

61 1027.7 113.1 210.1#

63 8046.6 94.8 176.0#



#19

1,1-Dichloroethane

Concen: 9.510 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU047671.D

Acq: 25 Mar 2022 14:14

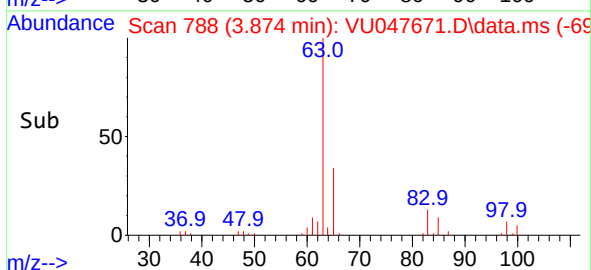
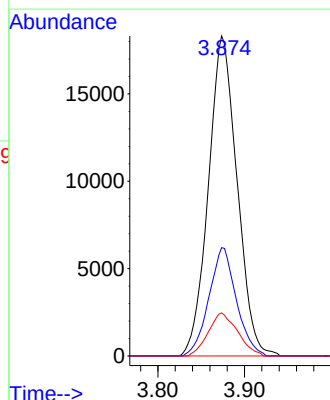
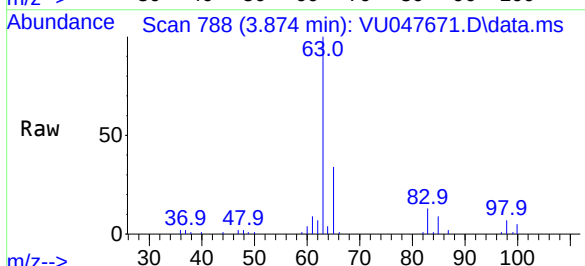
Tgt Ion: 63 Resp: 42155

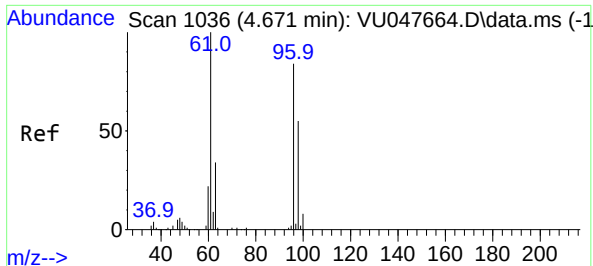
Ion Ratio Lower Upper

63 100

65 33.9 22.0 41.0

83 13.5 9.7 18.1

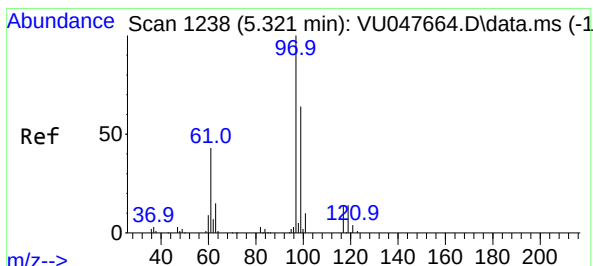
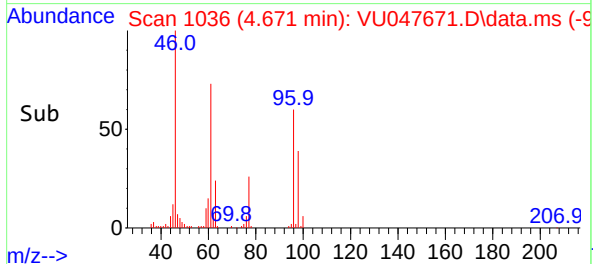
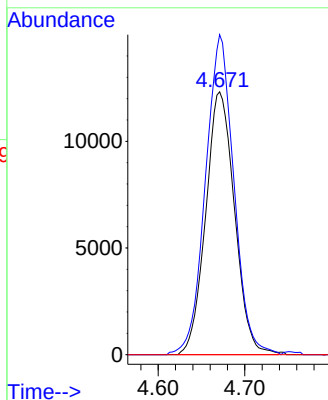
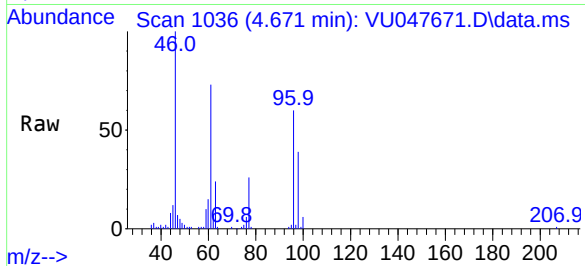




#20
cis-1,2-Dichloroethene
Concen: 10.129 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047671.D
Acq: 25 Mar 2022 14:14

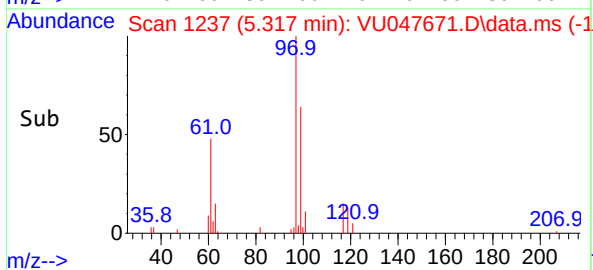
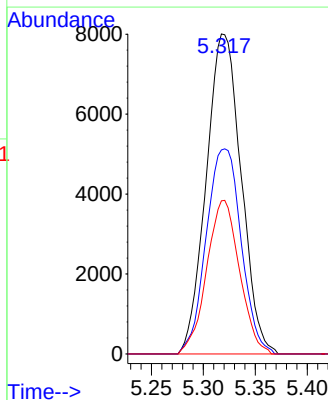
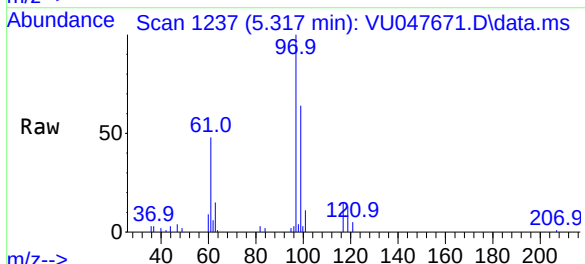
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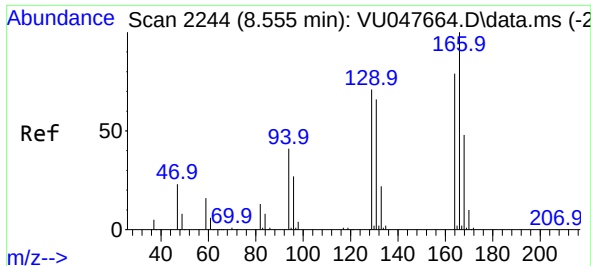
Tgt Ion: 96 Resp: 28540
Ion Ratio Lower Upper
96 100
61 121.7 80.7 149.9
68 0.0 0.0 0.0



#30
1,1,1-Trichloroethane
Concen: 4.647 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU047671.D
Acq: 25 Mar 2022 14:14

Tgt Ion: 97 Resp: 18707
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 45.1 34.2 51.4



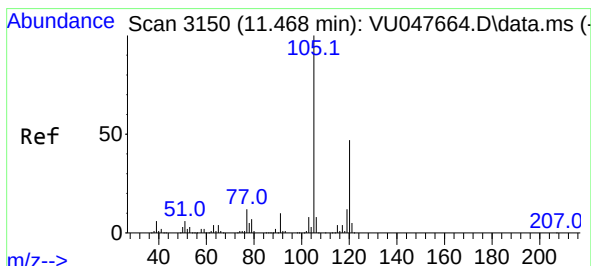
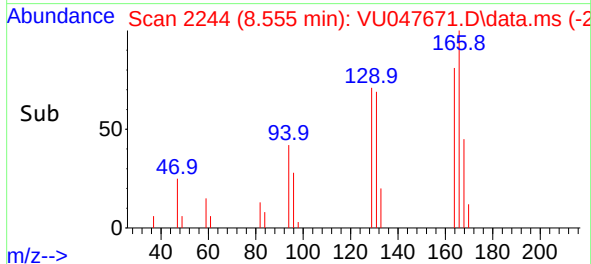
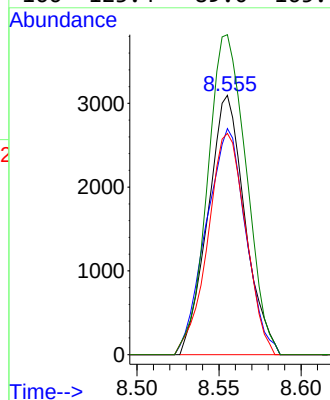
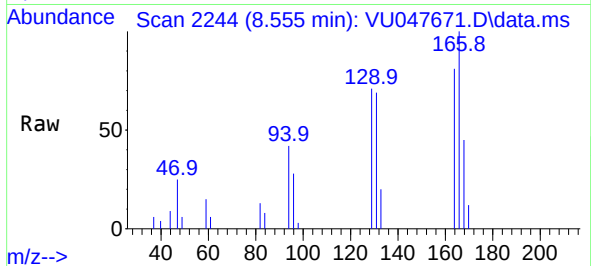


#46
Tetrachloroethene
Concen: 2.005 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047671.D
Acq: 25 Mar 2022 14:14

Instrument :
MSVOA_U
ClientSampleId :
EW5X3DL

Tgt Ion:164 Resp: 4855

Ion	Ratio	Lower	Upper
164	100		
129	87.1	62.4	116.0
131	85.3	60.7	112.7
166	123.4	89.0	165.4



#63
1,2,4-Trimethylbenzene
Concen: 1.455 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047671.D
Acq: 25 Mar 2022 14:14

Tgt Ion:105 Resp: 12388

Ion	Ratio	Lower	Upper
105	100		
120	46.1	37.6	56.4

