

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047667.D
 Acq On : 25 Mar 2022 12:12
 Operator : SY/MD
 Sample : N2081-19RE
 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)

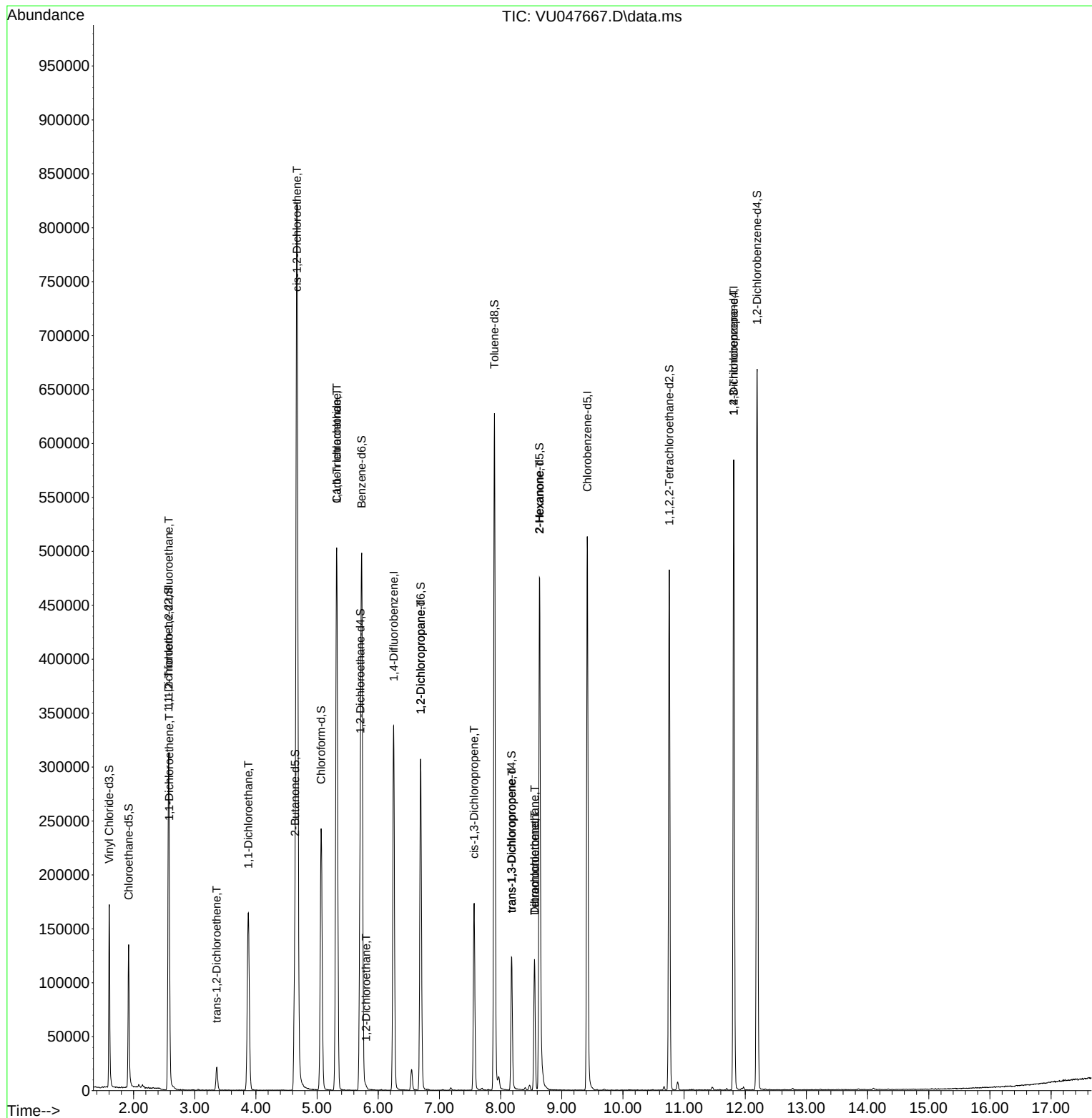
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	292297	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	304811	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	161658	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	123479	58.255	ug/L	0.00
Spiked Amount 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
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1730	0.803	ug/L #	18
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
31) Carbon tetrachloride	5.321	117	49632	15.903	ug/L	99
37) 1,2-Dichloropropane	6.694	63	16324	7.278	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	4258	1.224	ug/L #	57
44) trans-1,3-Dichloropropene	8.182	75	2985	0.859	ug/L	94
46) Tetrachloroethene	8.555	164	28466	13.695	ug/L	97
48) 2-Hexanone	8.639	43	20318	6.663	ug/L #	67
49) Dibromochloromethane	8.555	129	25031	9.085	ug/L #	11
60) 1,2,3-Trichloropropane	11.812	75	17095	5.609	ug/L #	67

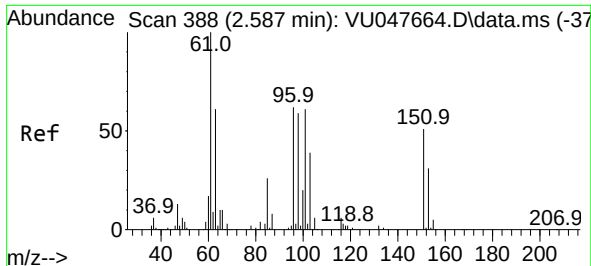
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.803 ug/L

RT: 2.575 min Scan# 388

Delta R.T. -0.013 min

Lab File: VU047667.D

Acq: 25 Mar 2022 12:12

Instrument :

MSVOA_U

ClientSampleId :

EW5Y6

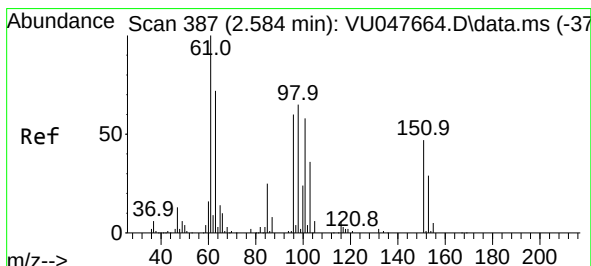
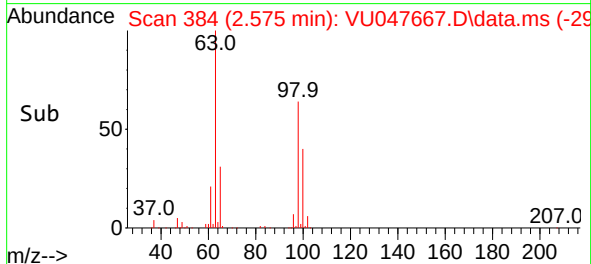
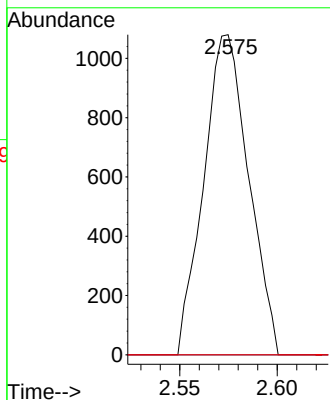
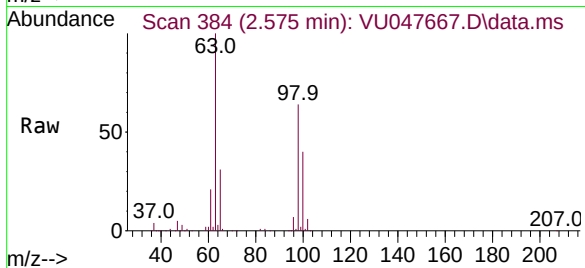
Tgt Ion:101 Resp: 1730

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 63.0 94.6#



#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

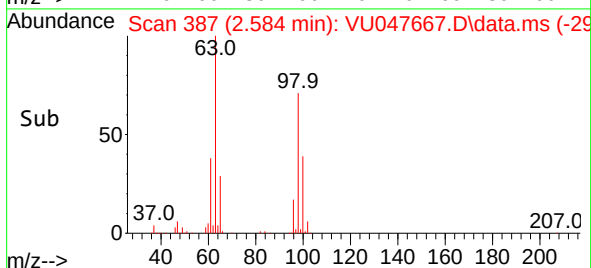
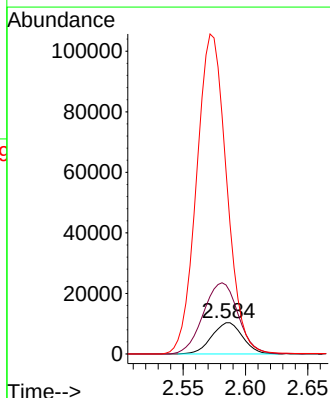
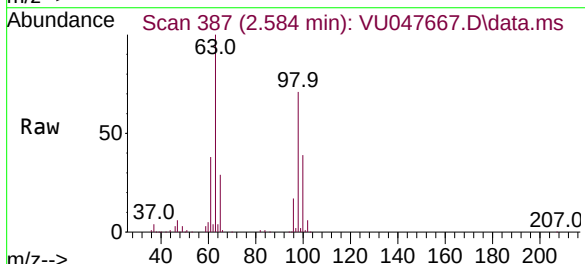
Tgt Ion: 96 Resp: 17814

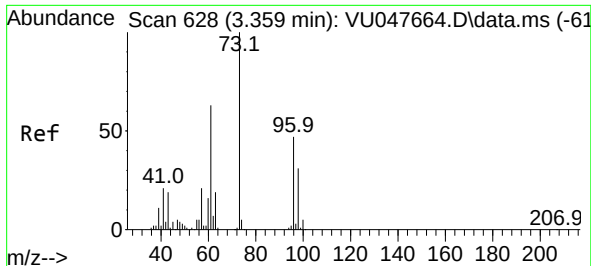
Ion Ratio Lower Upper

96 100

61 221.2 113.1 210.1#

63 585.7 94.8 176.0#

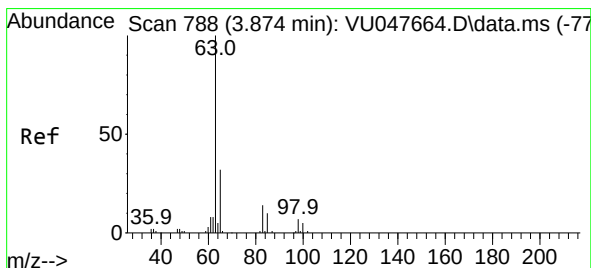
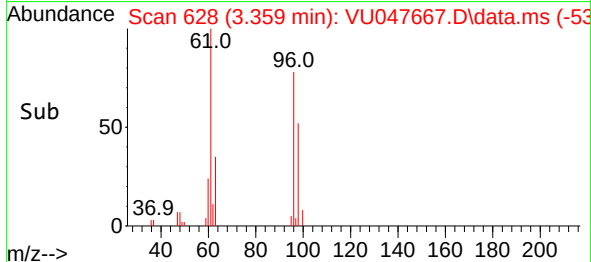
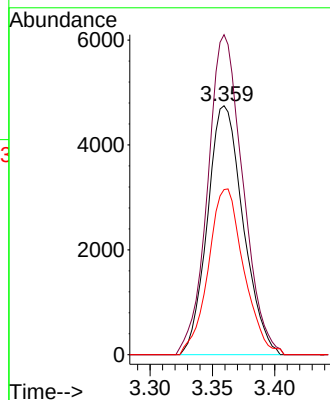
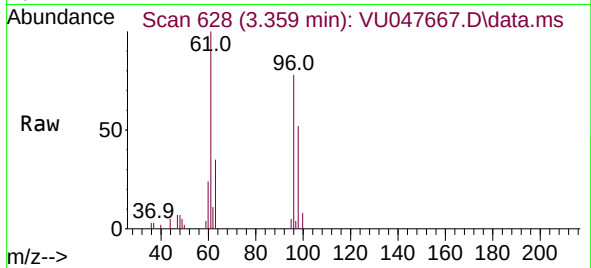




#17
trans-1,2-Dichloroethene
Concen: 4.377 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047667.D
Acq: 25 Mar 2022 12:12

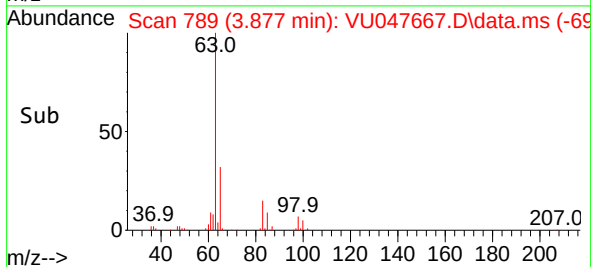
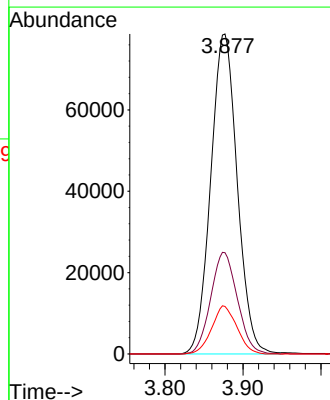
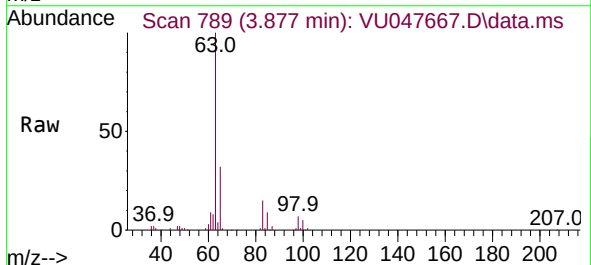
Instrument :
MSVOA_U
ClientSampleId :
EW5Y6

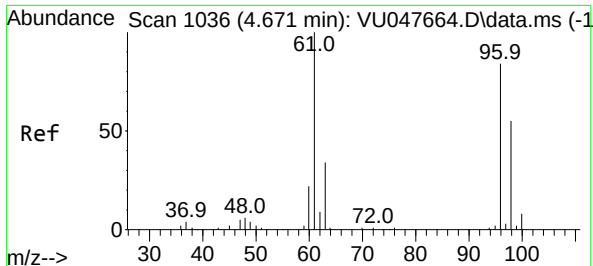
Tgt Ion: 96 Resp: 9466
Ion Ratio Lower Upper
96 100
61 128.5 88.4 164.2
98 66.3 43.3 80.5



#19
1,1-Dichloroethane
Concen: 49.864 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.003 min
Lab File: VU047667.D
Acq: 25 Mar 2022 12:12

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

Instrument :

MSVOA_U

ClientSampleId :

EW5Y6

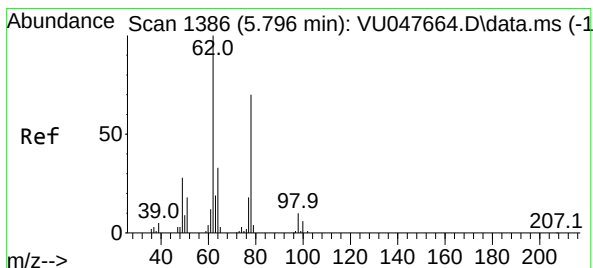
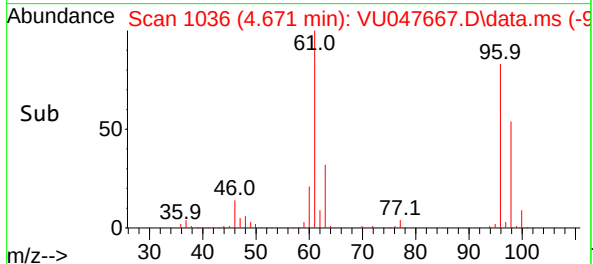
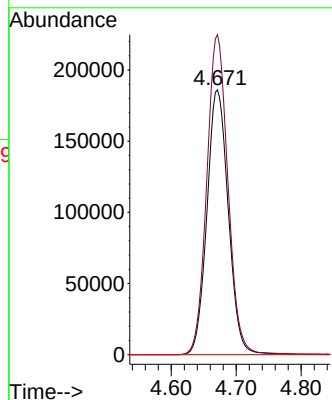
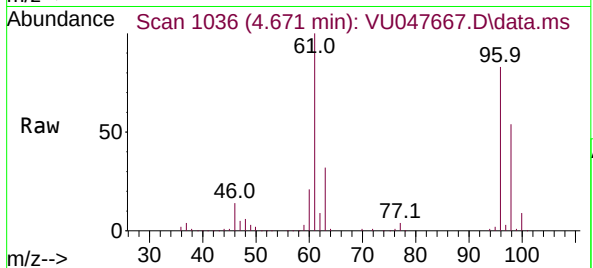
Tgt Ion: 96 Resp: 425674

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# 1388

Delta R.T. 0.007 min

Lab File: VU047667.D

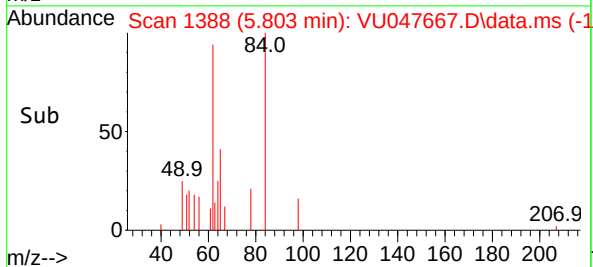
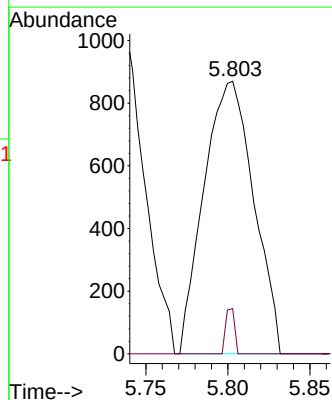
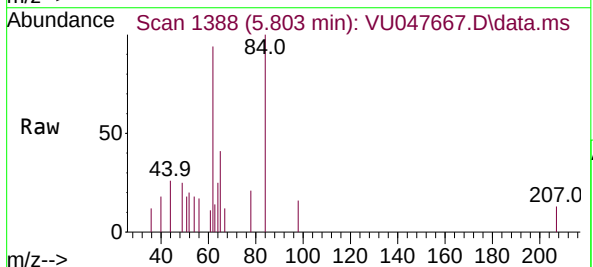
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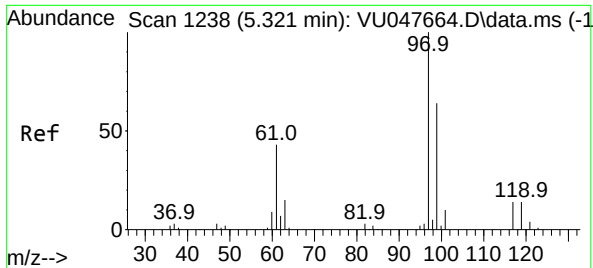
Tgt Ion: 62 Resp: 1837

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

Instrument :

MSVOA_U

ClientSampleId :

EW5Y6

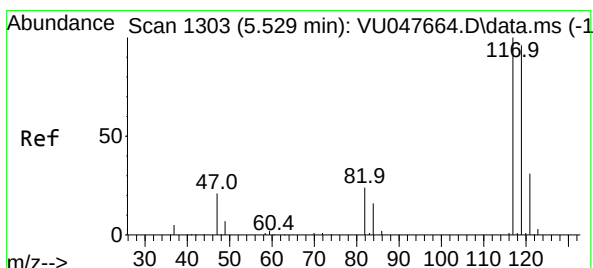
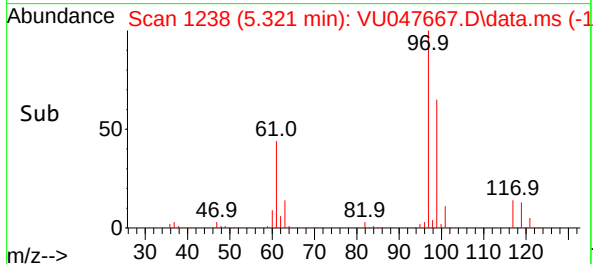
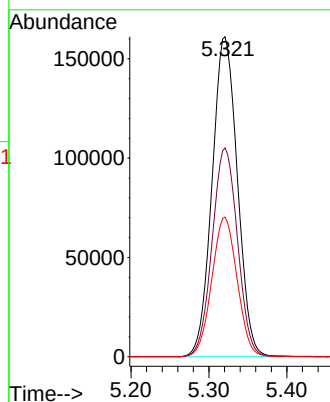
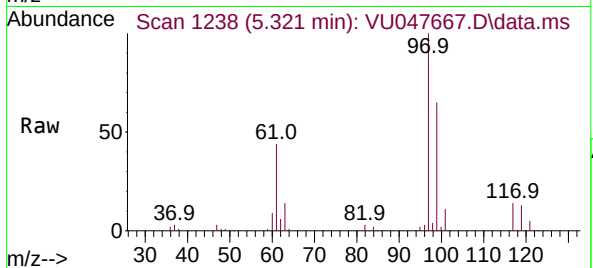
Tgt Ion: 97 Resp: 363988

Ion Ratio Lower Upper

97 100

99 65.4 51.6 77.4

61 43.6 34.2 51.4



#31

Carbon tetrachloride

Concen: 15.903 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.209 min

Lab File: VU047667.D

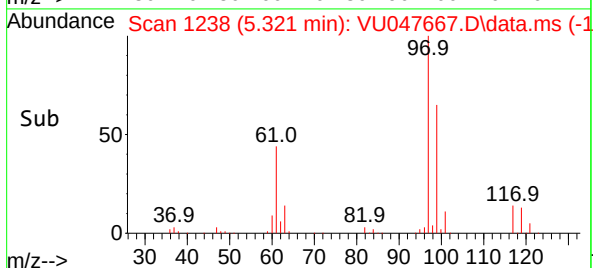
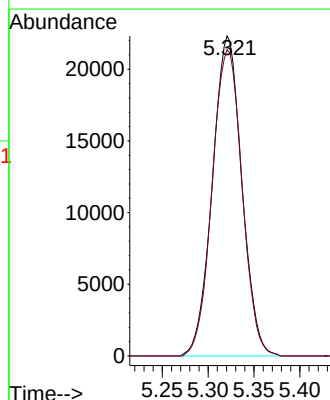
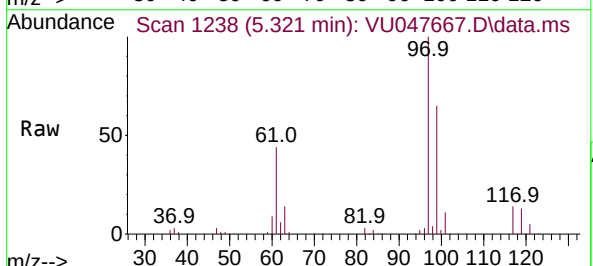
Acq: 25 Mar 2022 12:12

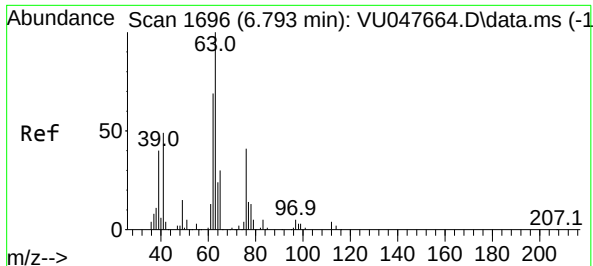
Tgt Ion: 117 Resp: 49632

Ion Ratio Lower Upper

117 100

119 97.5 77.2 115.8





#37

1,2-Dichloropropane

Concen: 7.278 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047667.D

Acq: 25 Mar 2022 12:12

Instrument :

MSVOA_U

ClientSampleId :

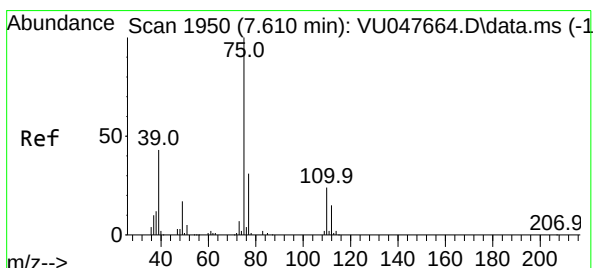
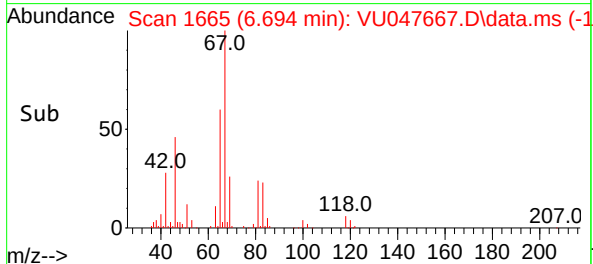
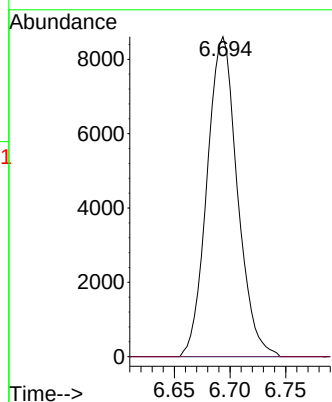
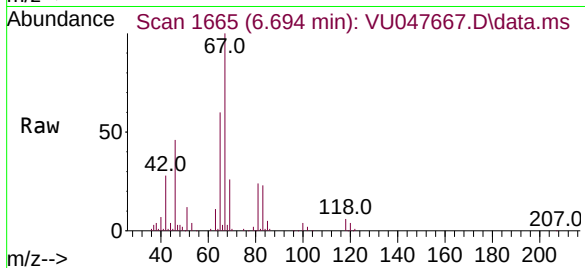
EW5Y6

Tgt Ion: 63 Resp: 16324

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 1.224 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047667.D

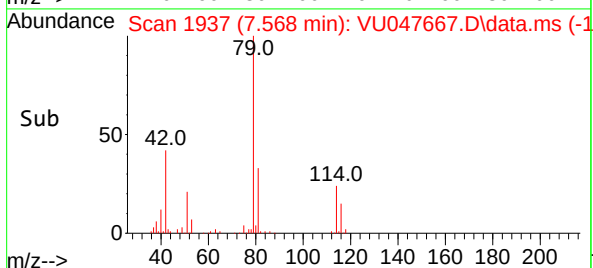
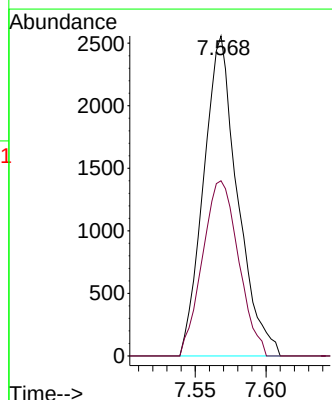
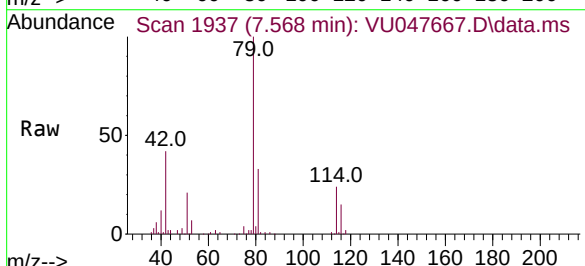
Acq: 25 Mar 2022 12:12

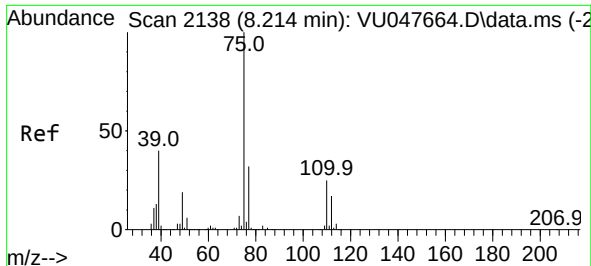
Tgt Ion: 75 Resp: 4258

Ion Ratio Lower Upper

75 100

77 54.8 21.8 40.6#

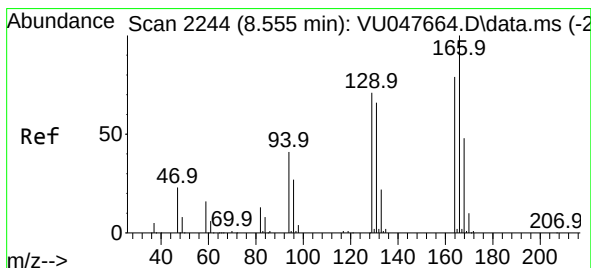
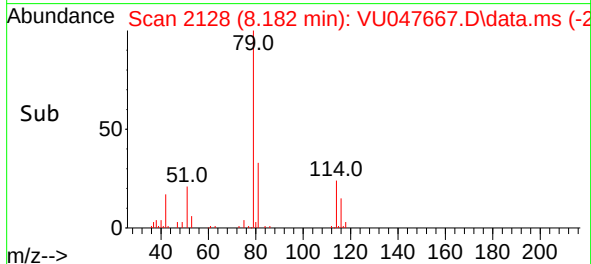
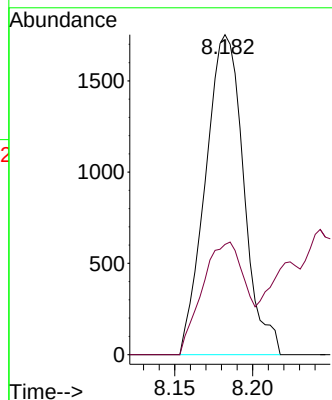
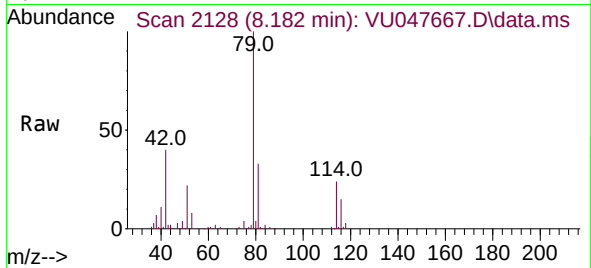




#44
trans-1,3-Dichloropropene
Concen: 0.859 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU047667.D
Acq: 25 Mar 2022 12:12

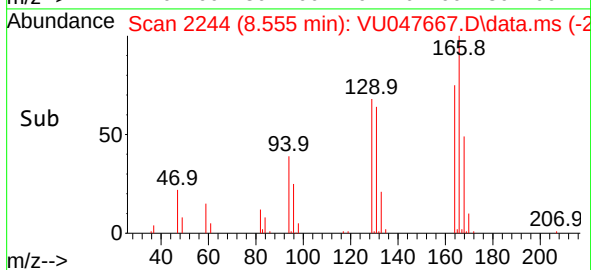
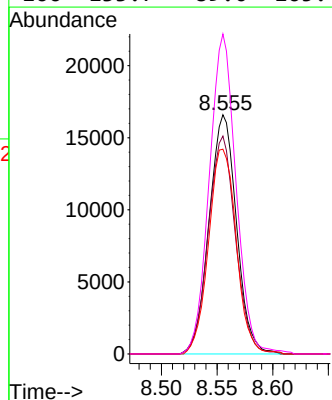
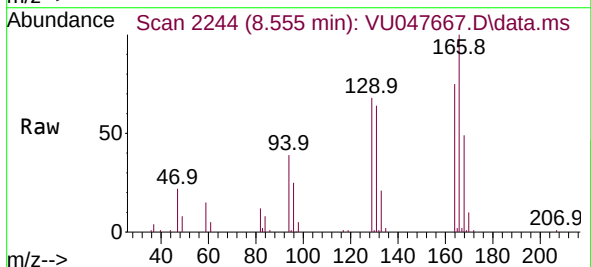
Instrument :
MSVOA_U
ClientSampleId :
EW5Y6

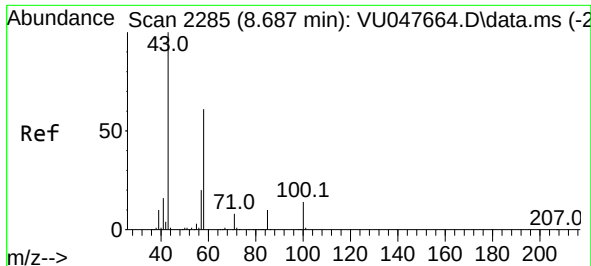
Tgt Ion: 75 Resp: 2985
Ion Ratio Lower Upper
75 100
77 34.5 22.0 40.8



#46
Tetrachloroethene
Concen: 13.695 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047667.D
Acq: 25 Mar 2022 12:12

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

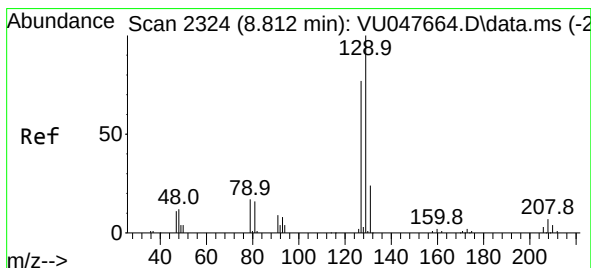
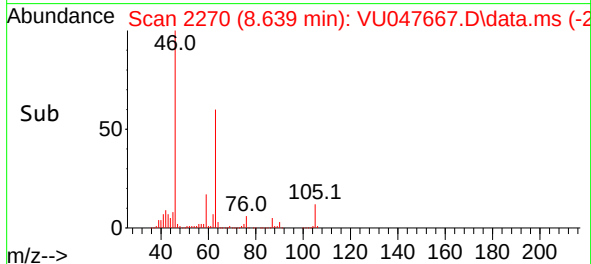
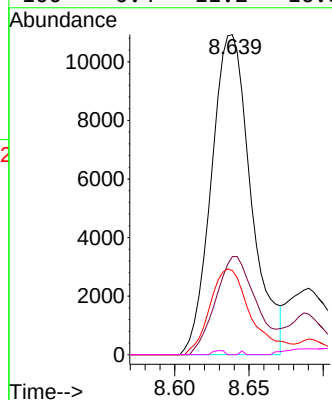
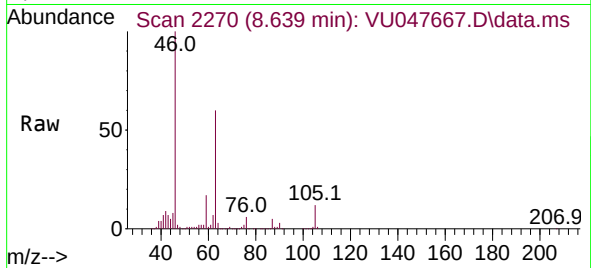




#48
2-Hexanone
Concen: 6.663 ug/L
RT: 8.639 min Scan# 2111
Delta R.T. -0.048 min
Lab File: VU047667.D
Acq: 25 Mar 2022 12:12

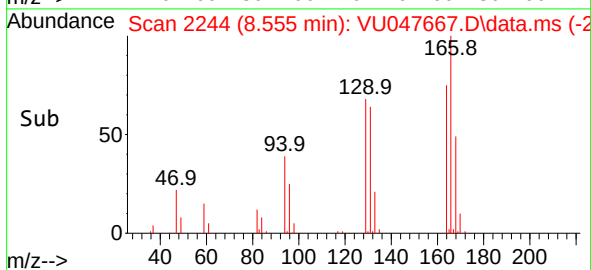
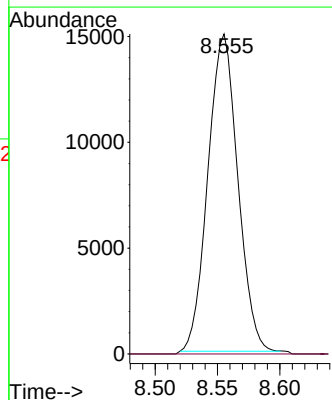
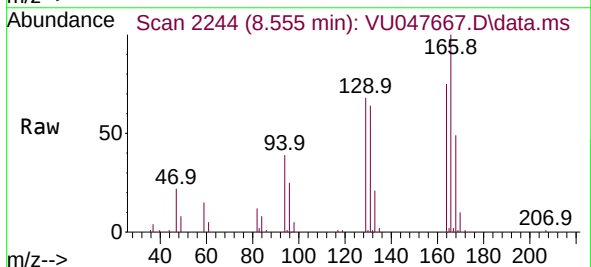
Instrument :
MSVOA_U
ClientSampleId :
EW5Y6

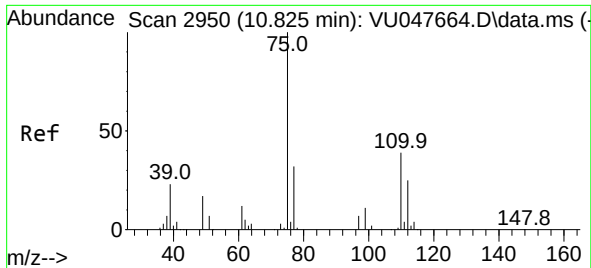
Tgt Ion: 43	Resp: 20318
Ion Ratio	Lower Upper
43 100	
58 31.1	48.1 72.1#
57 28.2	16.2 24.4#
100 0.4	11.2 16.8#



#49
Dibromochloromethane
Concen: 9.085 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU047667.D
Acq: 25 Mar 2022 12:12

Tgt Ion:129	Resp:	25031	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.2	100.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.609 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047667.D
 Acq: 25 Mar 2022 12:12

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Y6

Tgt Ion: 75 Resp: 17095
 Ion Ratio Lower Upper
 75 100
 77 33.6 26.0 39.0
 110 2.8 31.4 47.2#

