

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047715.D
 Acq On : 26 Mar 2022 17:36
 Operator : SY/MD
 Sample : N2081-15DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Y2DL

Quant Time: Mar 28 05:10:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 28 05:05:44 2022
 Response via : Initial Calibration

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

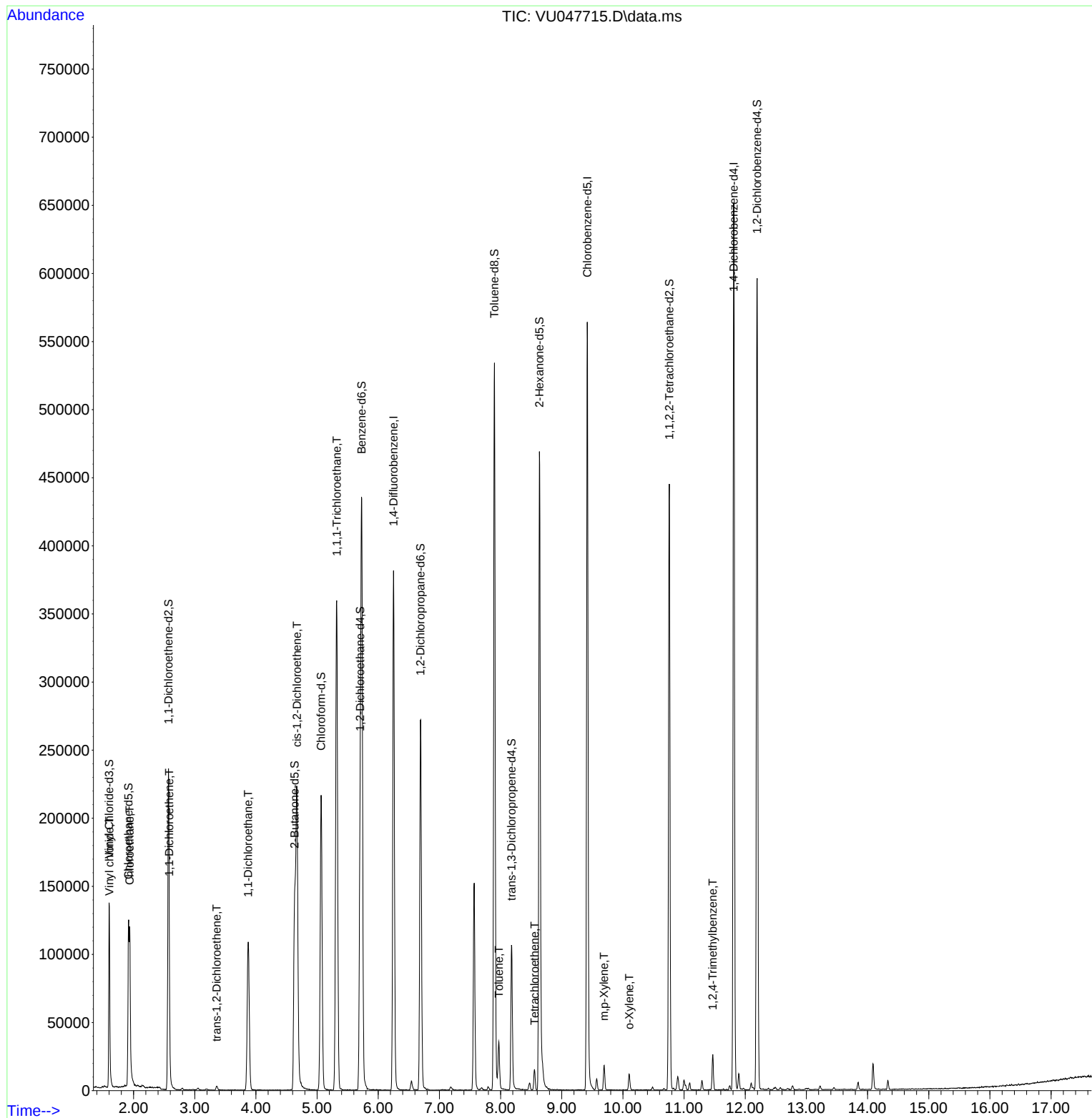
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	324062	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	329687	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	179207	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	95438	40.612	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.220%		
7) Chloroethane-d5	1.915	69	91271	49.257	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.520%		
11) 1,1-Dichloroethene-d2	2.571	63	136447	31.736	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.480%		
21) 2-Butanone-d5	4.632	46	230144	114.100	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.100%		
24) Chloroform-d	5.066	84	200128	46.543	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.080%		
26) 1,2-Dichloroethane-d4	5.703	65	132285	50.162	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.320%		
32) Benzene-d6	5.729	84	400418	48.267	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.540%		
36) 1,2-Dichloropropane-d6	6.690	67	129835	50.961	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.920%		
41) Toluene-d8	7.899	98	364648	45.115	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.240%		
43) trans-1,3-Dichloroprop...	8.179	79	61027	47.281	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.560%		
47) 2-Hexanone-d5	8.635	63	169941	113.944	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	113.940%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	215511	49.290	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.580%		
66) 1,2-Dichlorobenzene-d4	12.195	152	162722	51.038	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.080%		
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	8575	2.926	ug/L	91
8) Chloroethane	1.938	64	67754	36.832	ug/L	100
12) 1,1-Dichloroethene	2.584	96	4034	1.815	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	1321	0.551	ug/L	93
19) 1,1-Dichloroethane	3.874	63	126220	30.524	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	102255	38.901	ug/L	95
30) 1,1,1-Trichloroethane	5.320	97	261691	70.003	ug/L	99
42) Toluene	7.973	91	24146	2.306	ug/L	96
46) Tetrachloroethene	8.555	164	3573	1.589	ug/L	94
53) m,p-Xylene	9.693	106	5293	1.225	ug/L	92
54) o-Xylene	10.102	106	3045	0.718	ug/L	95
63) 1,2,4-Trimethylbenzene	11.468	105	14411	1.805	ug/L	100

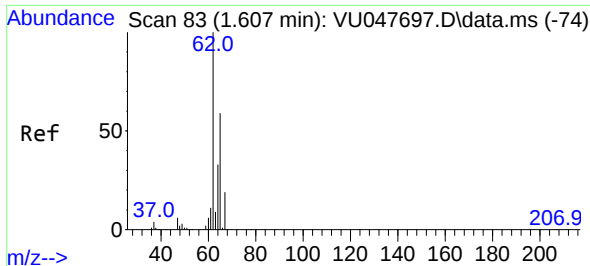
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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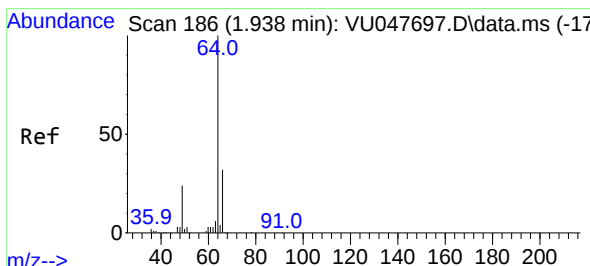
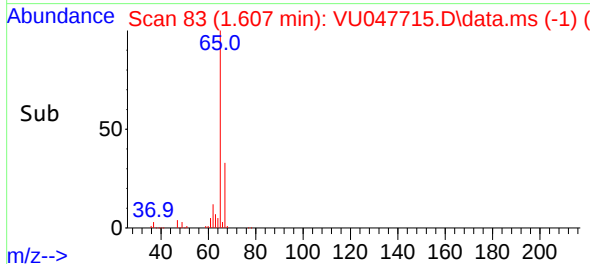
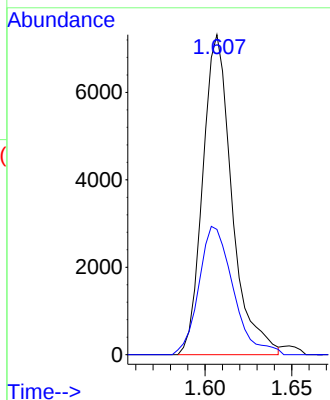
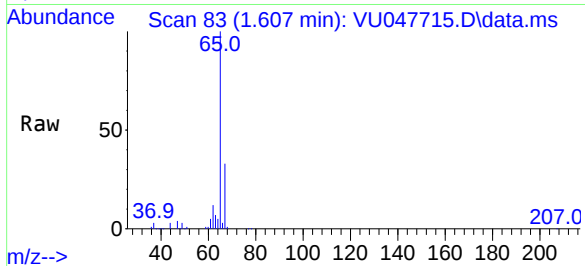




#5
 Vinyl chloride
 Concen: 2.926 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047715.D
 Acq: 26 Mar 2022 17:36

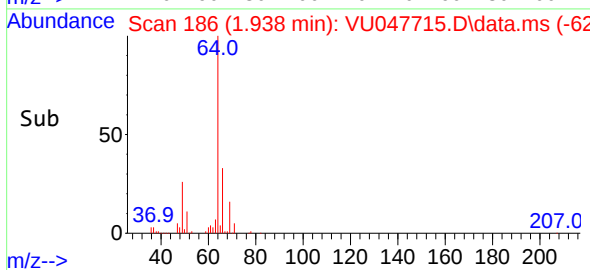
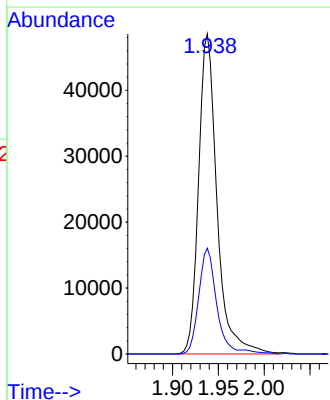
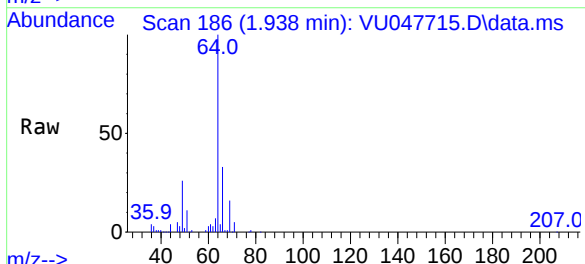
Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Y2DL

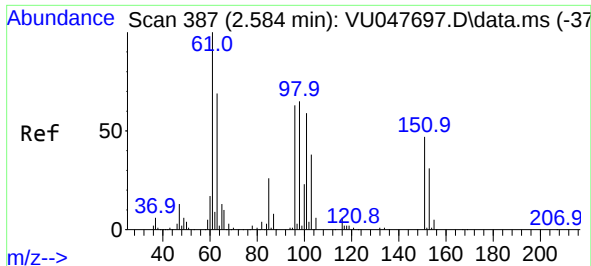
Tgt Ion: 62 Resp: 8575
 Ion Ratio Lower Upper
 62 100
 64 39.1 23.7 43.9



#8
 Chloroethane
 Concen: 36.832 ug/L
 RT: 1.938 min Scan# 186
 Delta R.T. -0.000 min
 Lab File: VU047715.D
 Acq: 26 Mar 2022 17:36

Tgt Ion: 64 Resp: 67754
 Ion Ratio Lower Upper
 64 100
 66 33.1 23.3 43.3

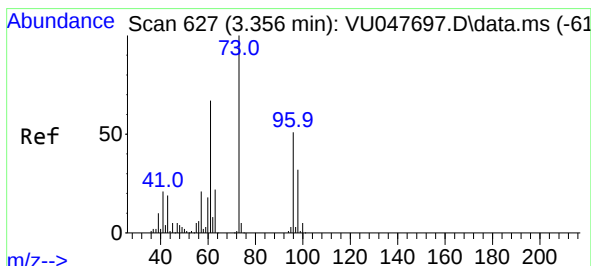
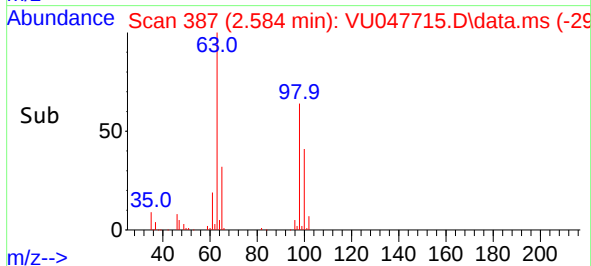
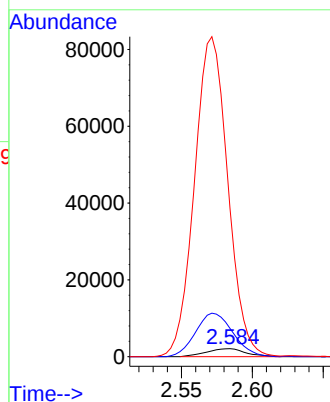
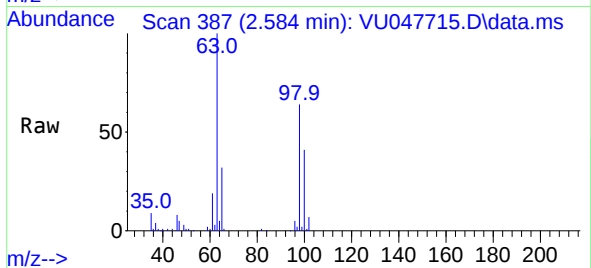




#12
1,1-Dichloroethene
Concen: 1.815 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU047715.D
Acq: 26 Mar 2022 17:36

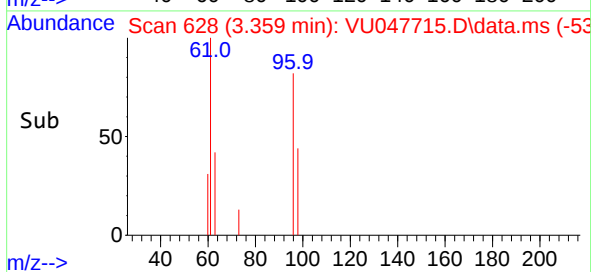
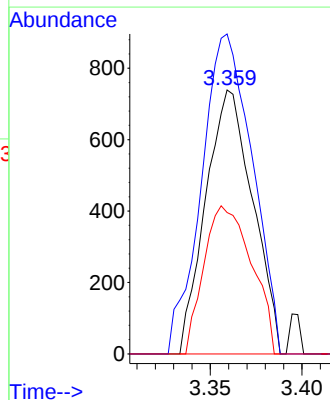
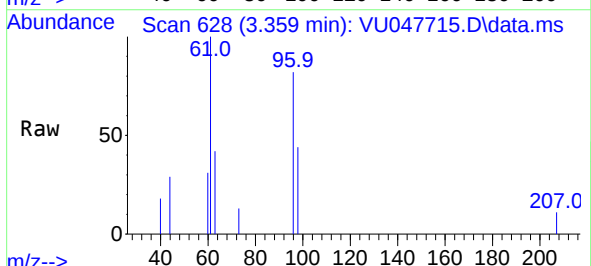
Instrument :
MSVOA_U
ClientSampleId :
EW5Y2DL

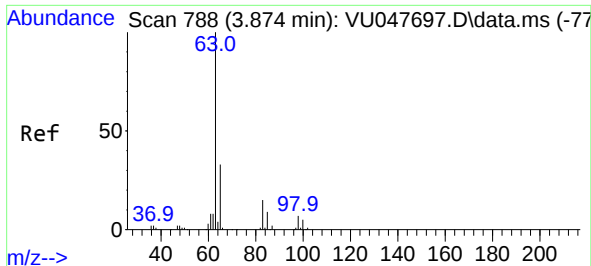
Tgt Ion: 96 Resp: 4034
Ion Ratio Lower Upper
96 100
61 352.4 113.1 210.1#
63 1848.9 94.8 176.0#



#17
trans-1,2-Dichloroethene
Concen: 0.551 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU047715.D
Acq: 26 Mar 2022 17:36

Tgt Ion: 96 Resp: 1321
Ion Ratio Lower Upper
96 100
61 121.2 88.4 164.2
98 53.6 43.3 80.5

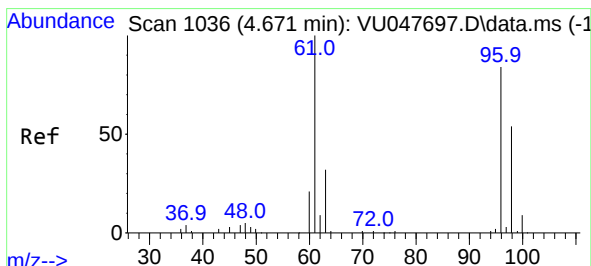
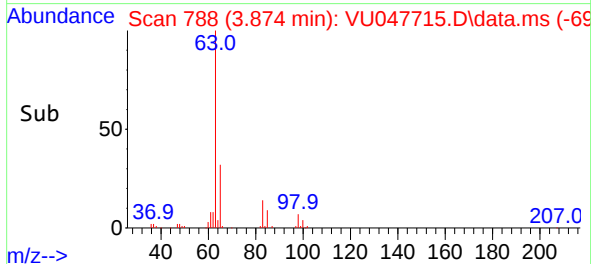
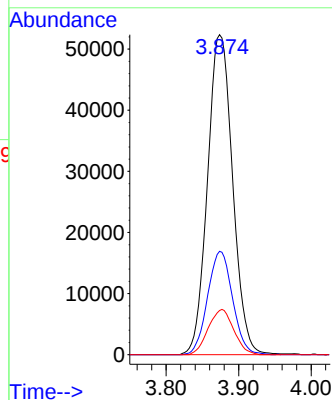
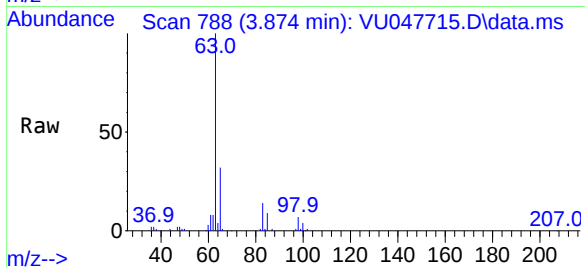




#19
1,1-Dichloroethane
Concen: 30.524 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU047715.D
Acq: 26 Mar 2022 17:36

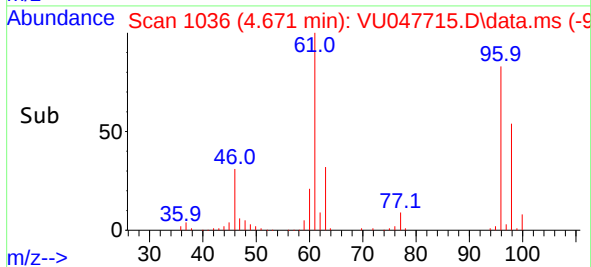
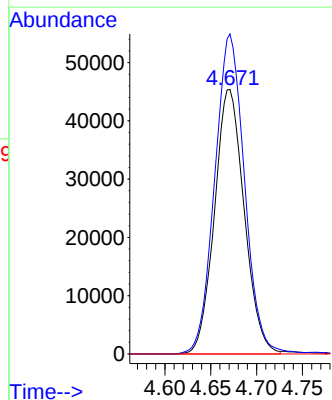
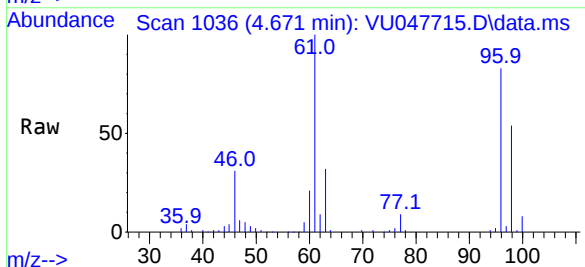
Instrument :
MSVOA_U
ClientSampleId :
EW5Y2DL

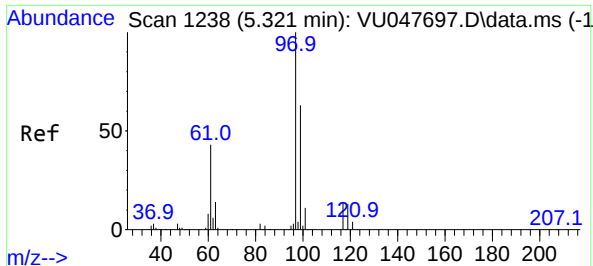
Tgt Ion: 63 Resp: 126220
Ion Ratio Lower Upper
63 100
65 32.3 22.0 41.0
83 13.8 9.7 18.1



#20
cis-1,2-Dichloroethene
Concen: 38.901 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047715.D
Acq: 26 Mar 2022 17:36

Tgt Ion: 96 Resp: 102255
Ion Ratio Lower Upper
96 100
61 121.0 80.7 149.9
68 0.0 0.0 0.0

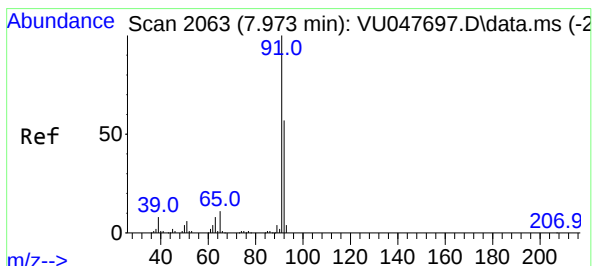
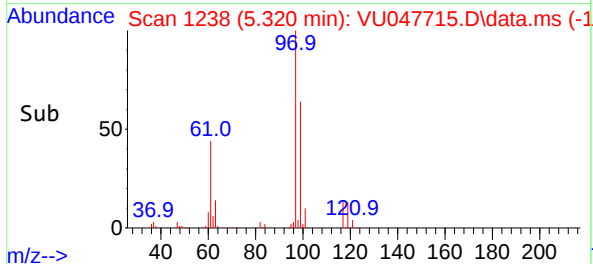
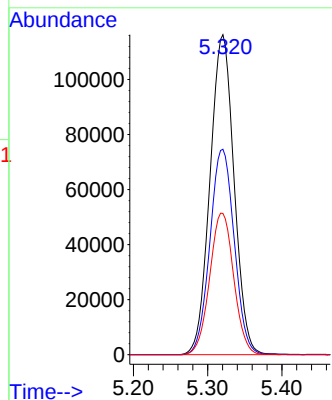
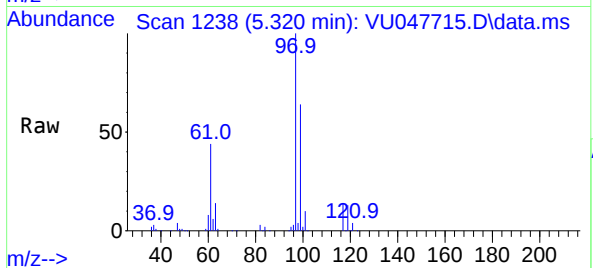




#30
1,1,1-Trichloroethane
Concen: 70.003 ug/L
RT: 5.320 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047715.D
Acq: 26 Mar 2022 17:36

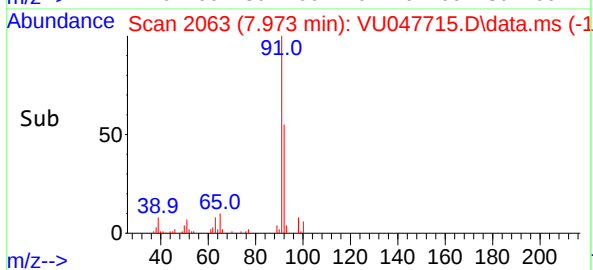
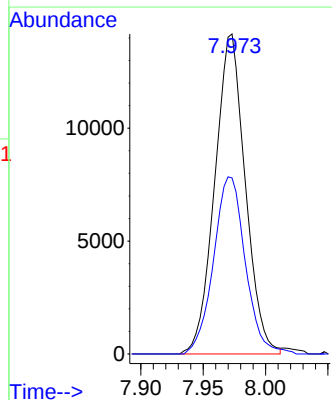
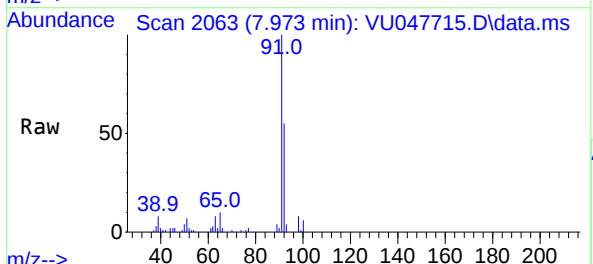
Instrument :
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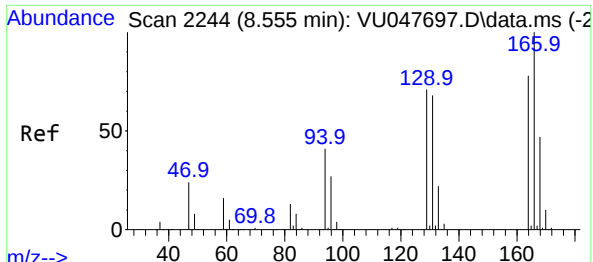
Tgt Ion: 97 Resp: 261691
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 44.2 34.2 51.4



#42
Toluene
Concen: 2.306 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU047715.D
Acq: 26 Mar 2022 17:36

Tgt Ion: 91 Resp: 24146
Ion Ratio Lower Upper
91 100
92 55.0 40.4 75.0





#46

Tetrachloroethene

Concen: 1.589 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047715.D

Acq: 26 Mar 2022 17:36

Instrument :

MSVOA_U

ClientSampleId :

EW5Y2DL

Tgt Ion:164 Resp: 3573

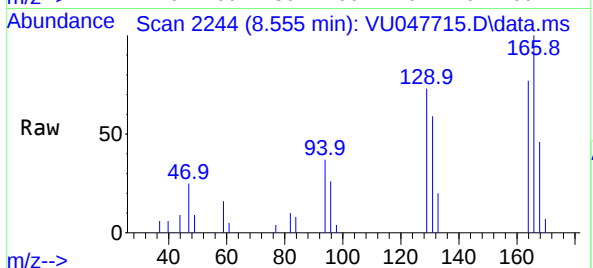
Ion Ratio Lower Upper

164 100

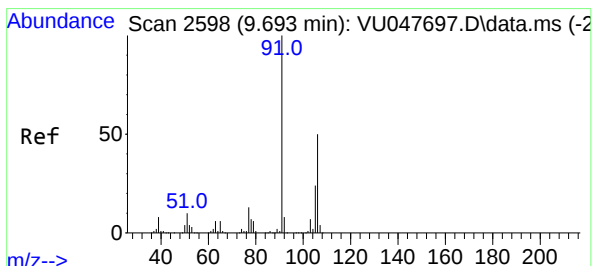
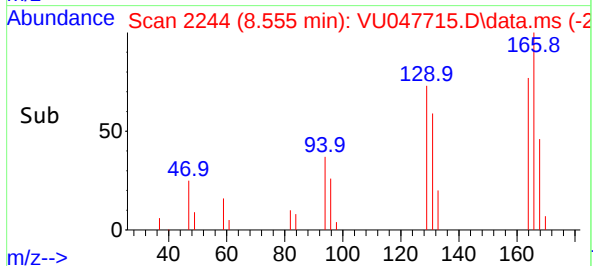
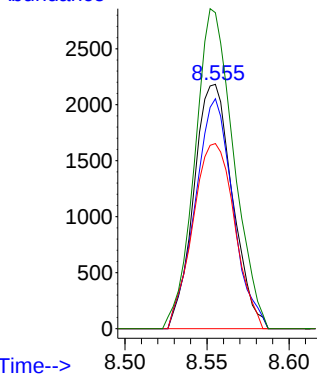
129 94.1 62.4 116.0

131 75.8 60.7 112.7

166 129.4 89.0 165.4



Abundance



#53

m,p-Xylene

Concen: 1.225 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU047715.D

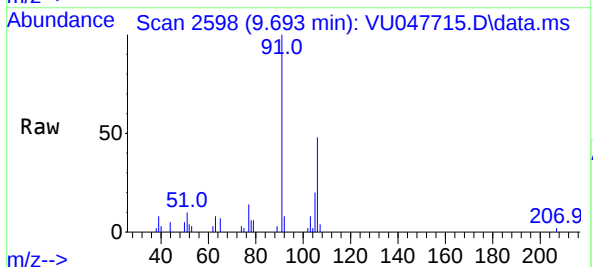
Acq: 26 Mar 2022 17:36

Tgt Ion:106 Resp: 5293

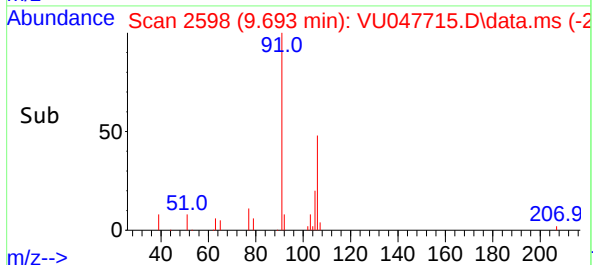
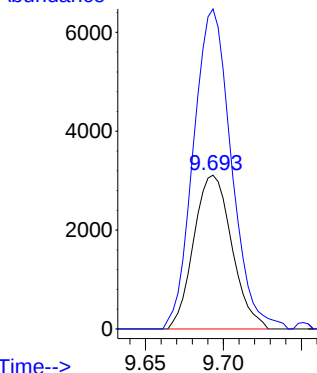
Ion Ratio Lower Upper

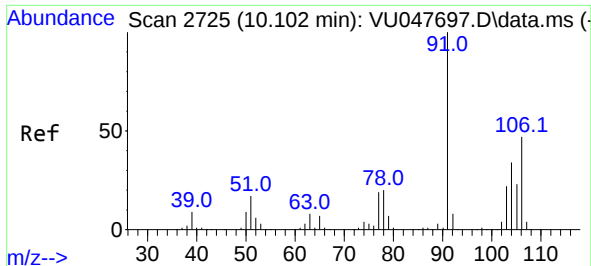
106 100

91 208.2 137.7 255.7



Abundance

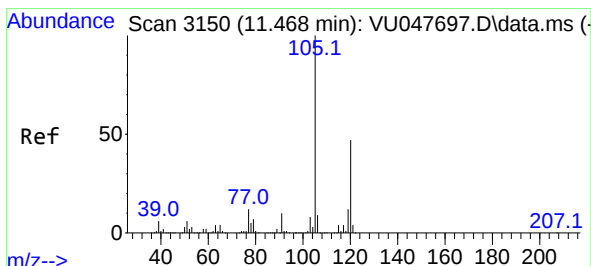
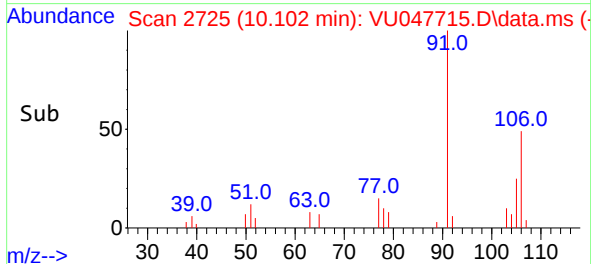
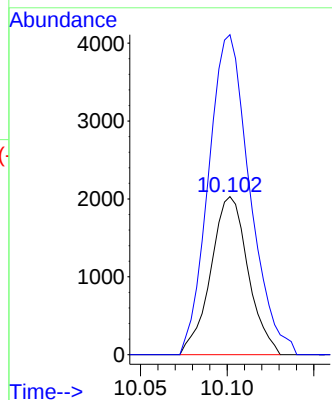
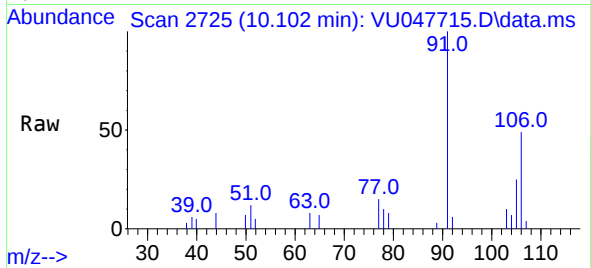




#54
o-Xylene
Concen: 0.718 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047715.D
Acq: 26 Mar 2022 17:36

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:106 Resp: 3045
Ion Ratio Lower Upper
106 100
91 202.3 146.7 272.5



#63
1,2,4-Trimethylbenzene
Concen: 1.805 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047715.D
Acq: 26 Mar 2022 17:36

Tgt Ion:105 Resp: 14411
Ion Ratio Lower Upper
105 100
120 47.2 37.6 56.4

