

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047681.D
 Acq On : 25 Mar 2022 18:47
 Operator : SY/MD
 Sample : N2082-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Z0

Quant Time: Mar 26 04:21:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 26 02:50:24 2022
 Response via : Initial Calibration

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

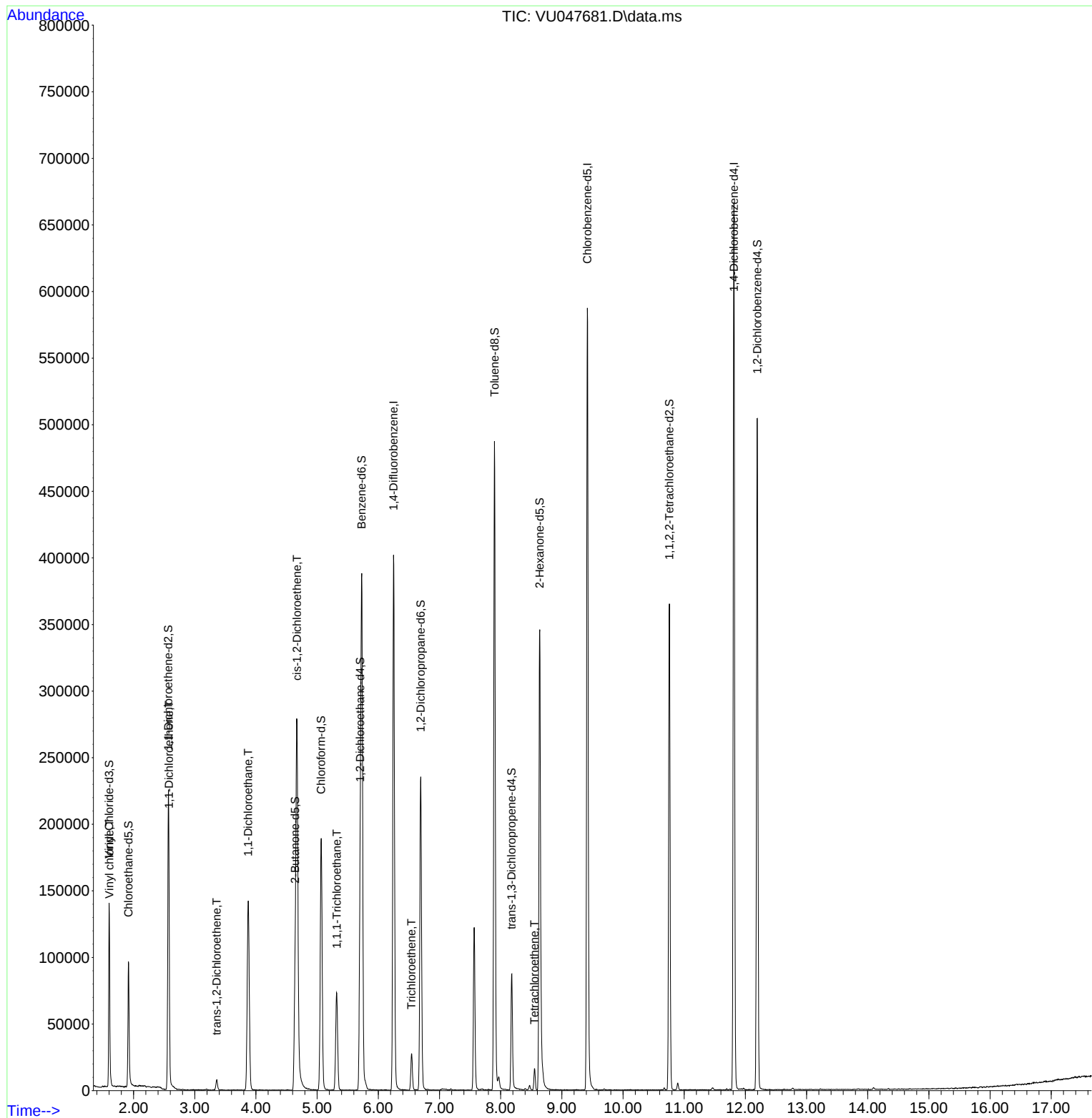
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	339190	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	347654	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	185226	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	88591	36.017	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.040%
7) Chloroethane-d5	1.916	69	72260	37.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.520%
11) 1,1-Dichloroethene-d2	2.568	63	129331	28.739	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.480%#
21) 2-Butanone-d5	4.642	46	175370	83.066	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.070%
24) Chloroform-d	5.067	84	178593	39.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.360%
26) 1,2-Dichloroethane-d4	5.703	65	112650	40.811	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.620%
32) Benzene-d6	5.729	84	360131	41.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.340%
36) 1,2-Dichloropropane-d6	6.694	67	115240	42.895	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.780%
41) Toluene-d8	7.899	98	331791	38.929	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.860%#
43) trans-1,3-Dichloroprop...	8.179	79	49906	36.667	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.340%
47) 2-Hexanone-d5	8.636	63	125726	79.942	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.940%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	181329	39.328	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.660%
66) 1,2-Dichlorobenzene-d4	12.195	152	141294	42.877	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.760%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	15914	5.189	ug/L	96
12) 1,1-Dichloroethene	2.578	96	2399	1.031	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	3347	1.334	ug/L	97
19) 1,1-Dichloroethane	3.874	63	162220	37.480	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	128582	46.736	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	53498	13.571	ug/L	98
34) Trichloroethene	6.543	95	8585	3.254	ug/L	97
46) Tetrachloroethene	8.552	164	3618	1.526	ug/L	95

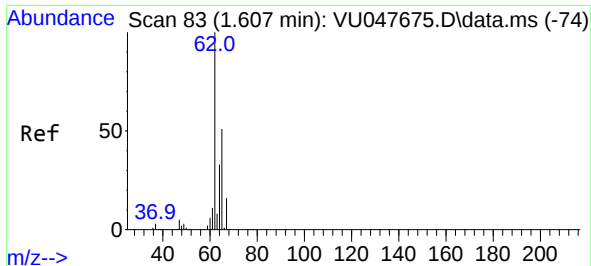
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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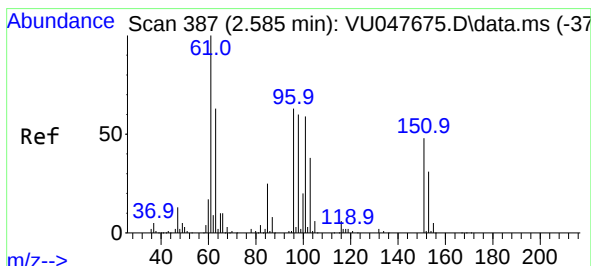
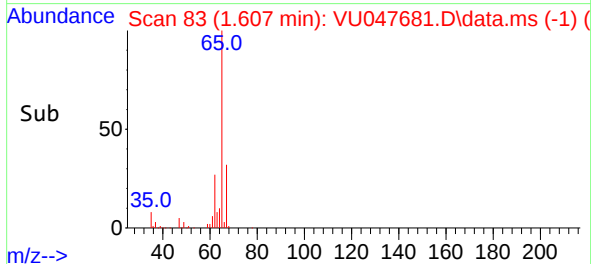
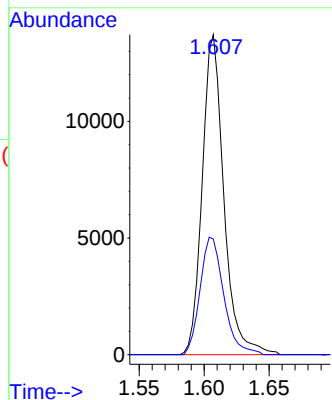
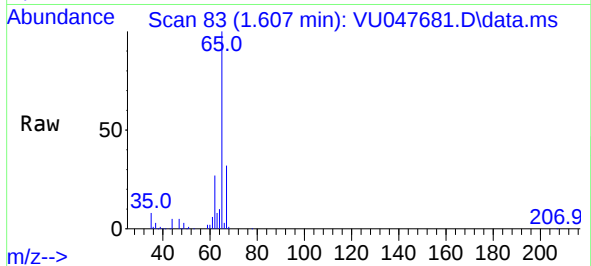




#5
 Vinyl chloride
 Concen: 5.189 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047681.D
 Acq: 25 Mar 2022 18:47

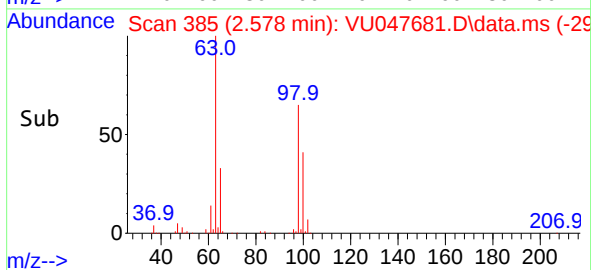
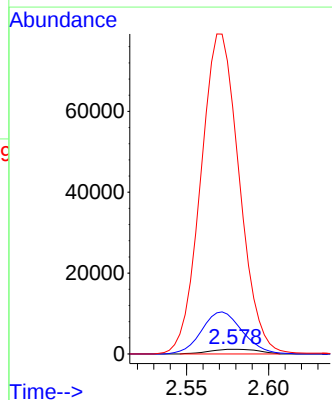
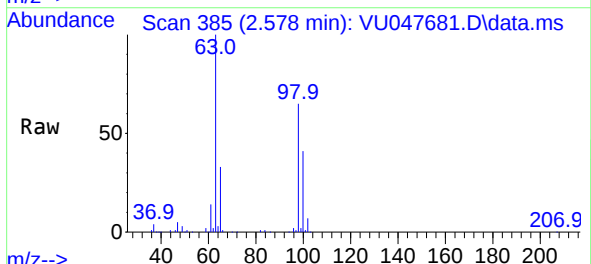
Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Z0

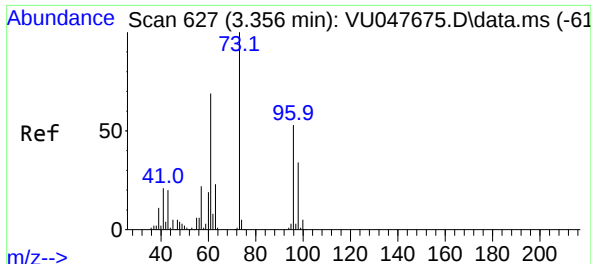
Tgt Ion: 62 Resp: 15914
 Ion Ratio Lower Upper
 62 100
 64 36.1 23.7 43.9



#12
 1,1-Dichloroethene
 Concen: 1.031 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.006 min
 Lab File: VU047681.D
 Acq: 25 Mar 2022 18:47

Tgt Ion: 96 Resp: 2399
 Ion Ratio Lower Upper
 96 100
 61 737.1 113.1 210.1#
 63 5244.3 94.8 176.0#

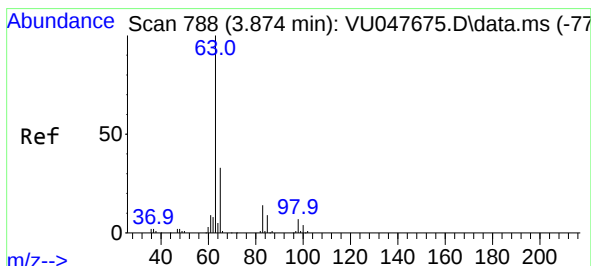
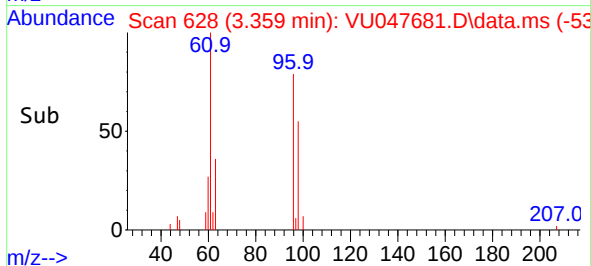
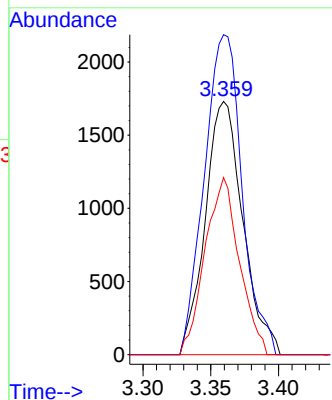
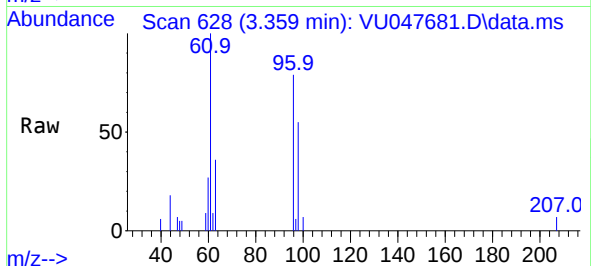




#17
trans-1,2-Dichloroethene
Concen: 1.334 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047681.D
Acq: 25 Mar 2022 18:47

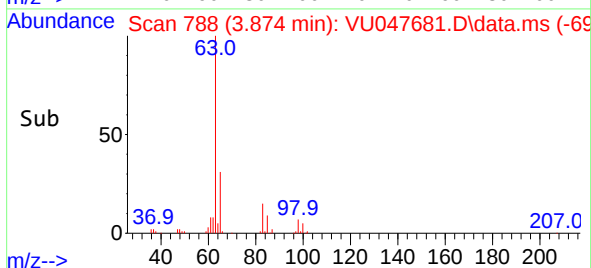
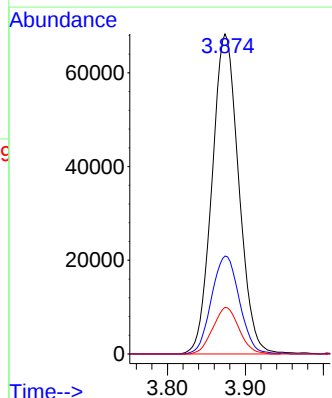
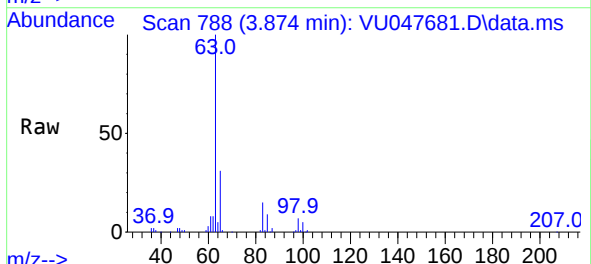
Instrument :
MSVOA_U
ClientSampleId :
EW5Z0

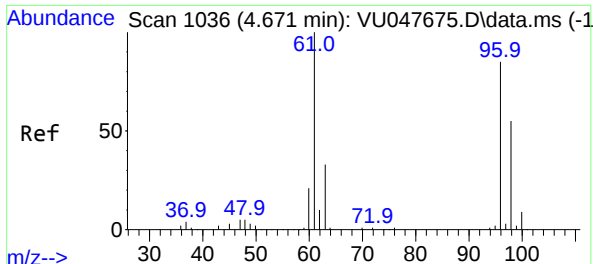
Tgt Ion: 96 Resp: 3347
Ion Ratio Lower Upper
96 100
61 126.3 88.4 164.2
98 69.9 43.3 80.5



#19
1,1-Dichloroethane
Concen: 37.480 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU047681.D
Acq: 25 Mar 2022 18:47

Tgt Ion: 63 Resp: 162220
Ion Ratio Lower Upper
63 100
65 30.6 22.0 41.0
83 14.5 9.7 18.1

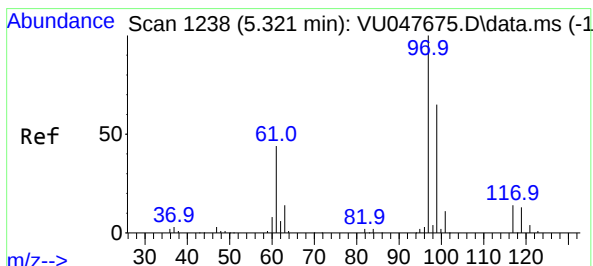
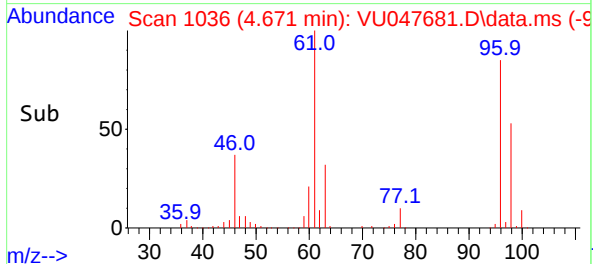
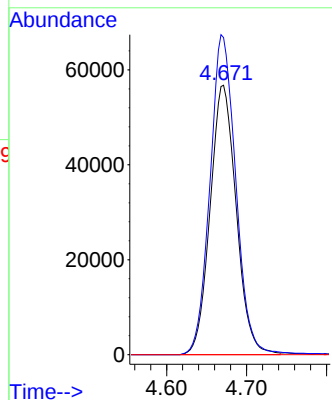
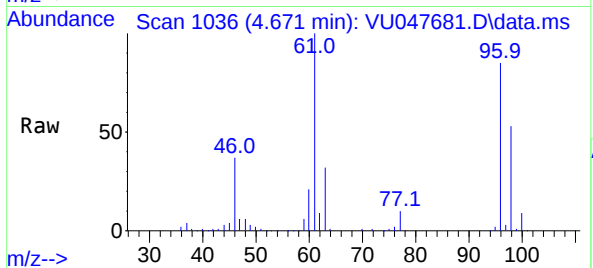




#20
 cis-1,2-Dichloroethene
 Concen: 46.736 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047681.D
 Acq: 25 Mar 2022 18:47

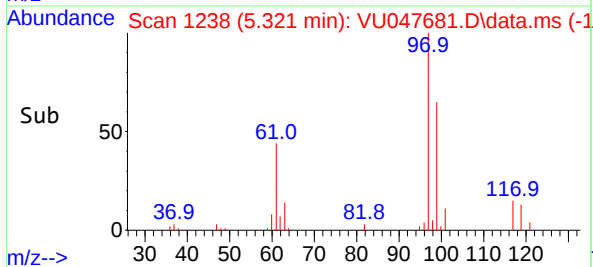
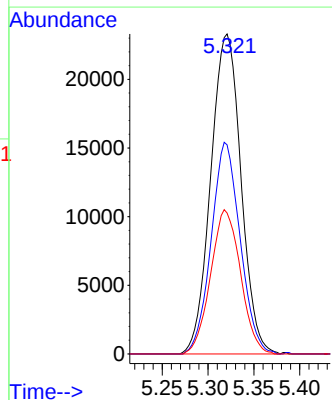
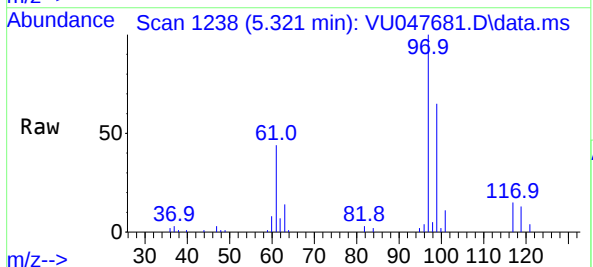
Instrument :
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 ClientSampleId :
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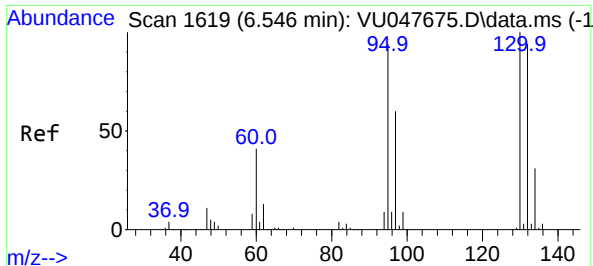
Tgt Ion: 96 Resp: 128582
 Ion Ratio Lower Upper
 96 100
 61 117.7 80.7 149.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 13.571 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VU047681.D
 Acq: 25 Mar 2022 18:47

Tgt Ion: 97 Resp: 53498
 Ion Ratio Lower Upper
 97 100
 99 63.3 51.6 77.4
 61 44.6 34.2 51.4

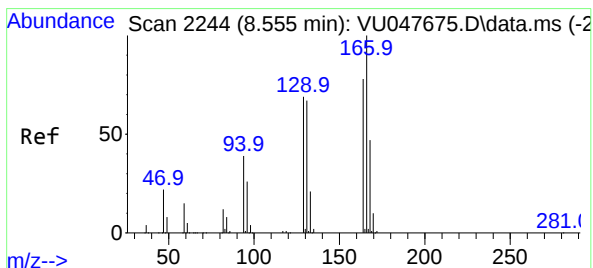
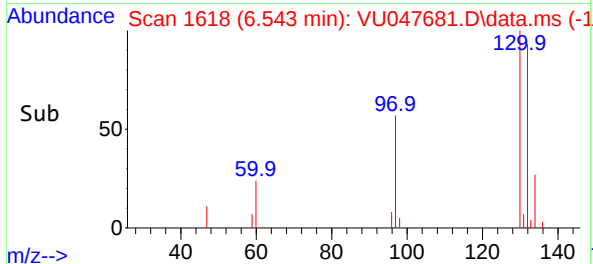
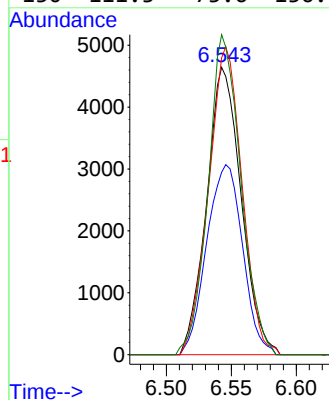
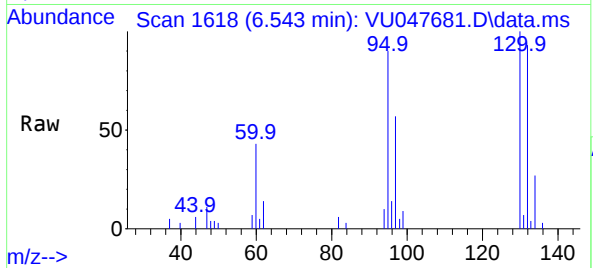




#34
Trichloroethene
Concen: 3.254 ug/L
RT: 6.543 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU047681.D
Acq: 25 Mar 2022 18:47

Instrument :
MSVOA_U
ClientSampleId :
EW5Z0

Tgt Ion: 95 Resp: 8585
Ion Ratio Lower Upper
95 100
97 63.4 44.7 82.9
132 103.2 70.4 130.8
130 111.3 73.6 136.8



#46
Tetrachloroethene
Concen: 1.526 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU047681.D
Acq: 25 Mar 2022 18:47

Tgt Ion: 164 Resp: 3618
Ion Ratio Lower Upper
164 100
129 83.8 62.4 116.0
131 82.4 60.7 112.7
166 131.3 89.0 165.4

