

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047686.D
 Acq On : 25 Mar 2022 20:41
 Operator : SY/MD
 Sample : N2082-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW602

Quant Time: Mar 26 04:23:06 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)

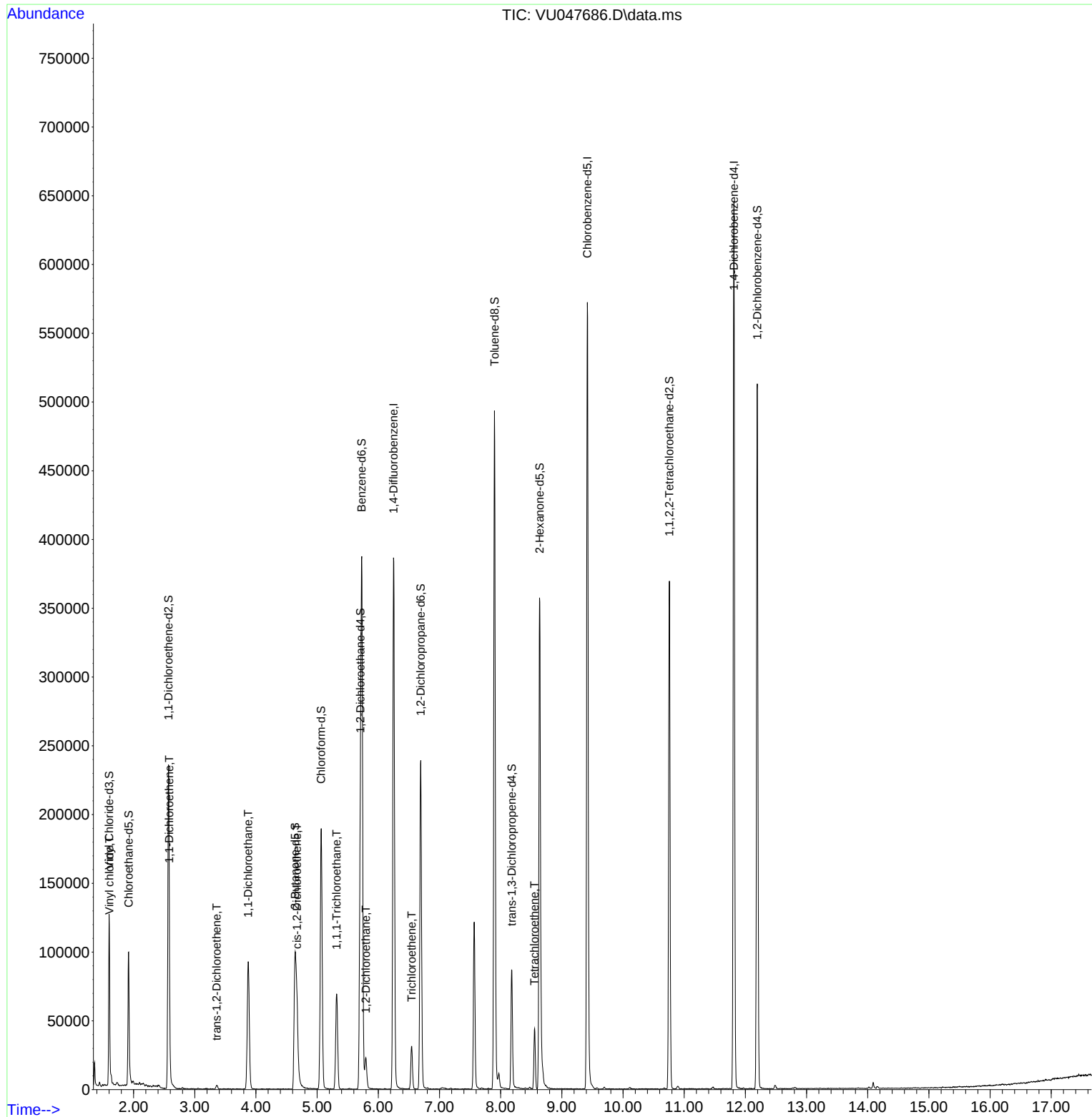
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	328992	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	340278	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	179573	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	88840	37.238	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.480%
7) Chloroethane-d5	1.919	69	74282	39.487	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.980%
11) 1,1-Dichloroethene-d2	2.572	63	132637	30.387	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.780%
21) 2-Butanone-d5	4.639	46	175537	85.723	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.720%
24) Chloroform-d	5.067	84	176424	40.415	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.840%
26) 1,2-Dichloroethane-d4	5.706	65	114372	42.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.440%
32) Benzene-d6	5.729	84	357922	41.802	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.694	67	114385	43.499	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.000%
41) Toluene-d8	7.899	98	335306	40.194	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.380%
43) trans-1,3-Dichloroprop...	8.182	79	48672	36.535	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.080%
47) 2-Hexanone-d5	8.636	63	128519	83.489	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.490%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	178968	39.658	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.320%
66) 1,2-Dichlorobenzene-d4	12.195	152	141841	44.398	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	1768	0.594	ug/L #	51
12) 1,1-Dichloroethene	2.584	96	11947	5.294	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	1221	0.502	ug/L	98
19) 1,1-Dichloroethane	3.874	63	106385	25.342	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	16201	6.071	ug/L	98
27) 1,2-Dichloroethane	5.796	62	17213	4.929	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	50394	13.061	ug/L	98
34) Trichloroethene	6.546	95	10480	4.059	ug/L	96
46) Tetrachloroethene	8.552	164	10136	4.368	ug/L	98

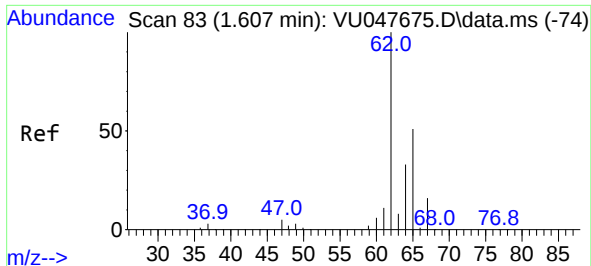
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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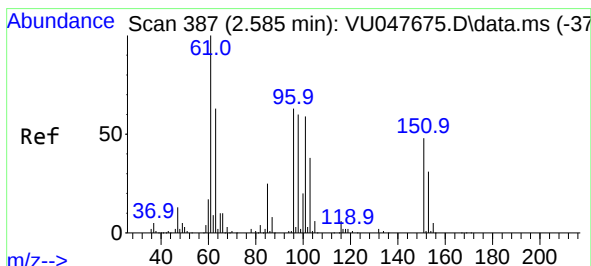
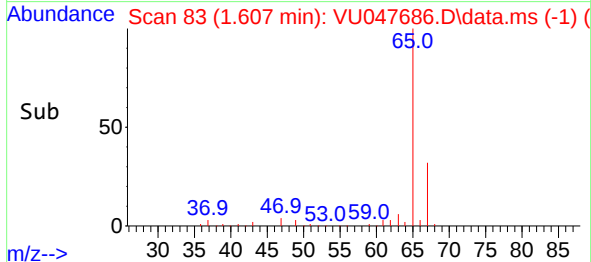
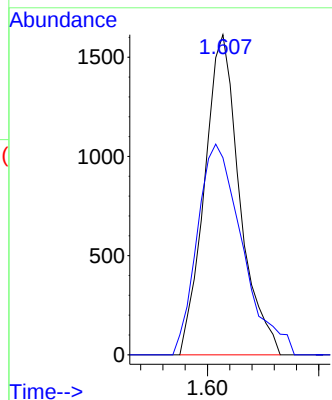
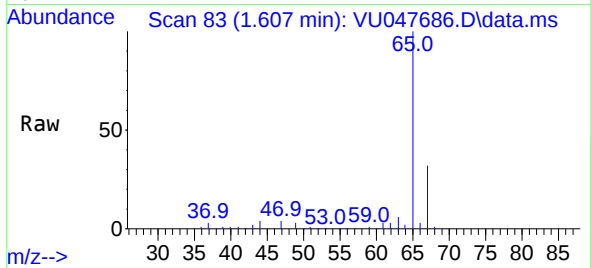




#5
 Vinyl chloride
 Concen: 0.594 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047686.D
 Acq: 25 Mar 2022 20:41

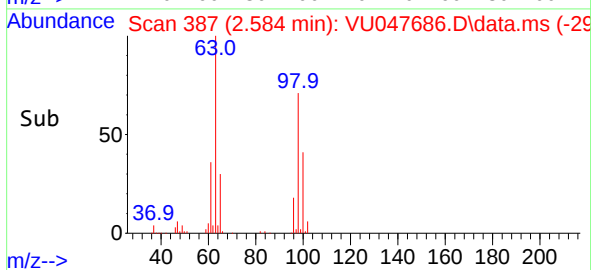
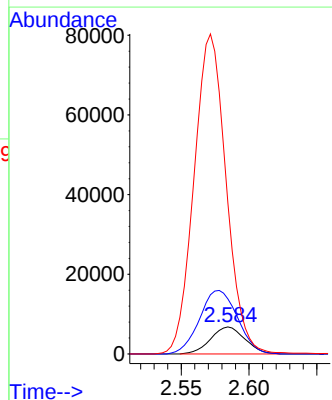
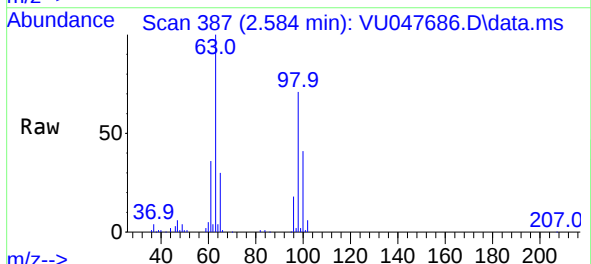
Instrument :
 MSVOA_U
 ClientSampleId :
 EW602

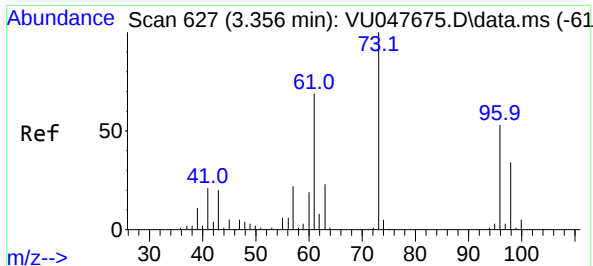
Tgt Ion: 62 Resp: 1768
 Ion Ratio Lower Upper
 62 100
 64 61.6 23.7 43.9#



#12
 1,1-Dichloroethene
 Concen: 5.294 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU047686.D
 Acq: 25 Mar 2022 20:41

Tgt Ion: 96 Resp: 11947
 Ion Ratio Lower Upper
 96 100
 61 203.4 113.1 210.1
 63 557.9 94.8 176.0#

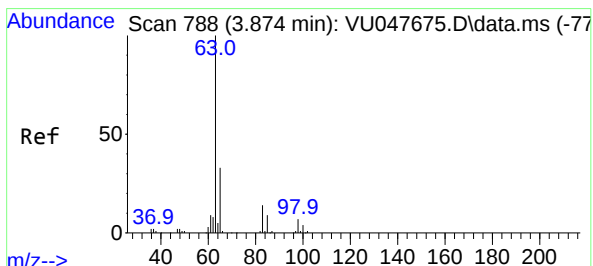
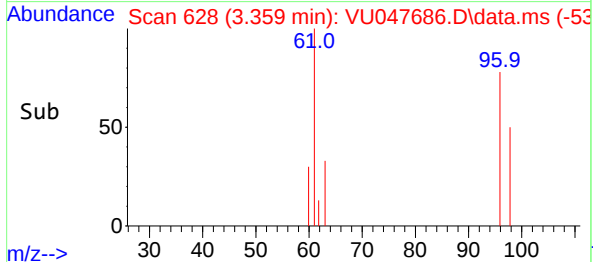
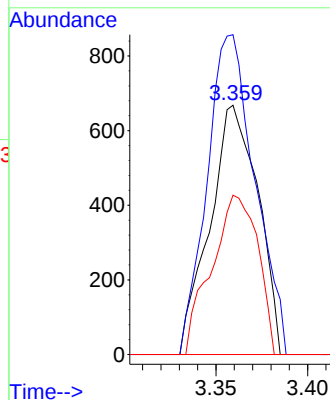
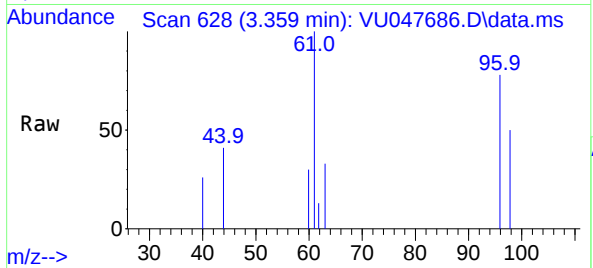




#17
trans-1,2-Dichloroethene
Concen: 0.502 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047686.D
Acq: 25 Mar 2022 20:41

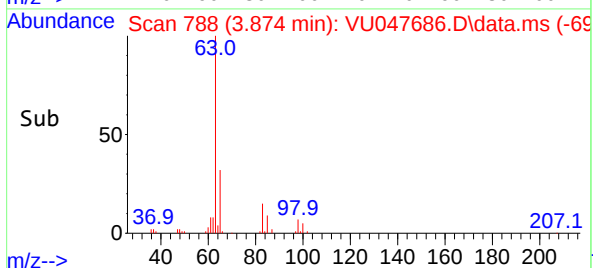
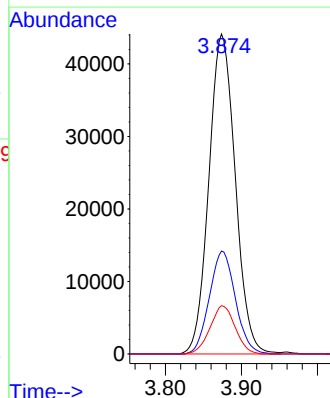
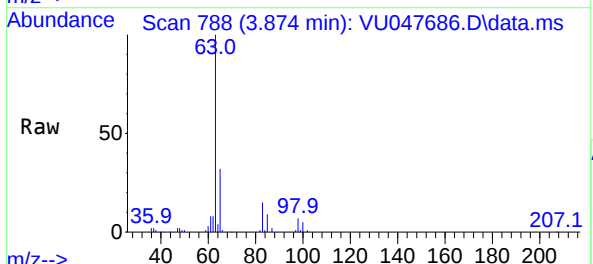
Instrument :
MSVOA_U
ClientSampleId :
EW602

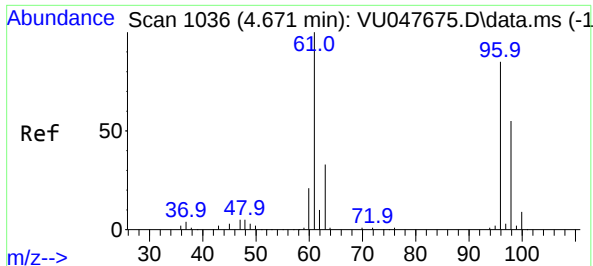
Tgt Ion: 96 Resp: 1221
Ion Ratio Lower Upper
96 100
61 128.3 88.4 164.2
98 63.9 43.3 80.5



#19
1,1-Dichloroethane
Concen: 25.342 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU047686.D
Acq: 25 Mar 2022 20:41

Tgt Ion: 63 Resp: 106385
Ion Ratio Lower Upper
63 100
65 32.1 22.0 41.0
83 15.1 9.7 18.1

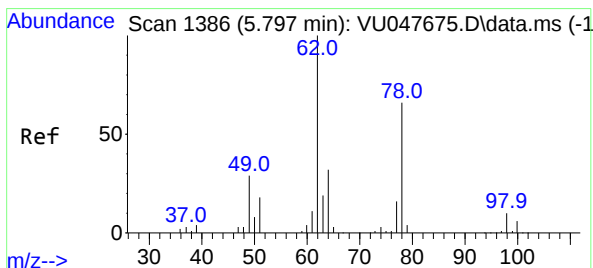
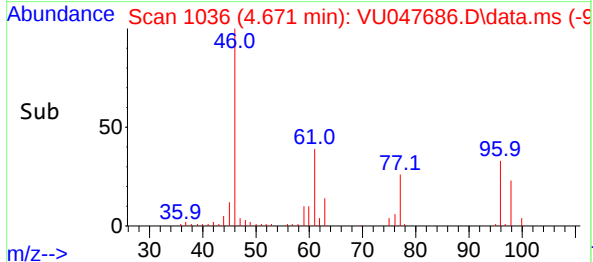
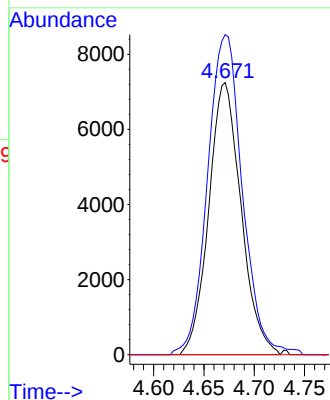
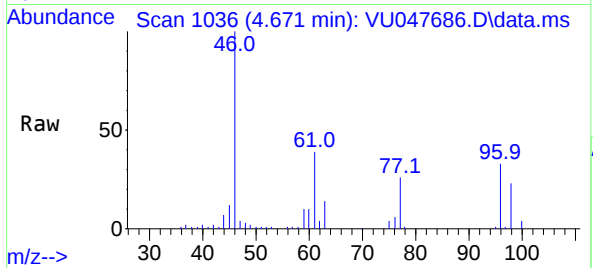




#20
cis-1,2-Dichloroethene
Concen: 6.071 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047686.D
Acq: 25 Mar 2022 20:41

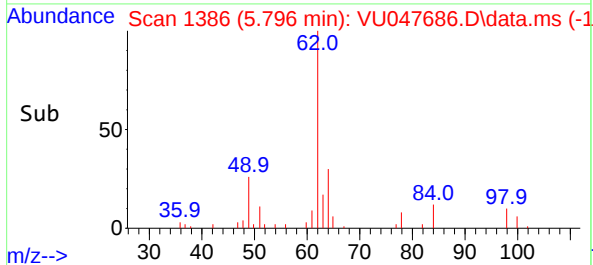
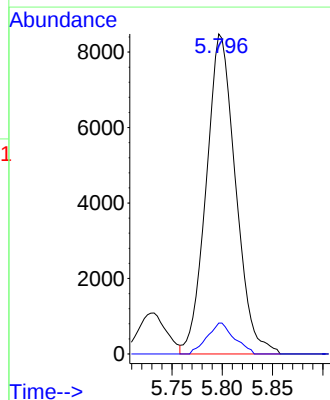
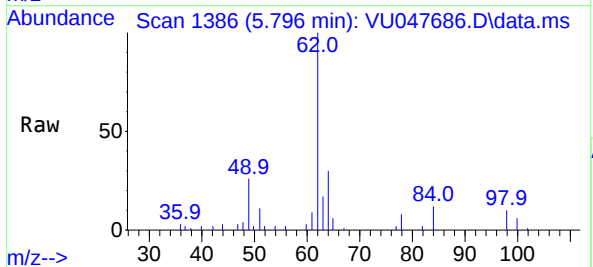
Instrument :
MSVOA_U
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EW602

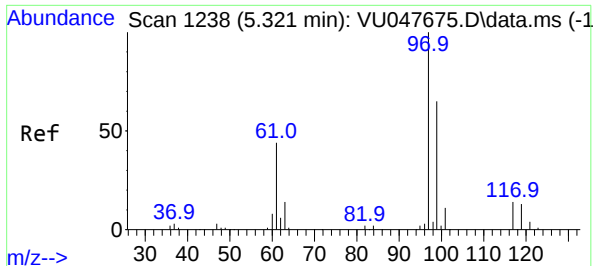
Tgt Ion: 96 Resp: 16201
Ion Ratio Lower Upper
96 100
61 117.6 80.7 149.9
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 4.929 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU047686.D
Acq: 25 Mar 2022 20:41

Tgt Ion: 62 Resp: 17213
Ion Ratio Lower Upper
62 100
98 9.6 7.4 11.0



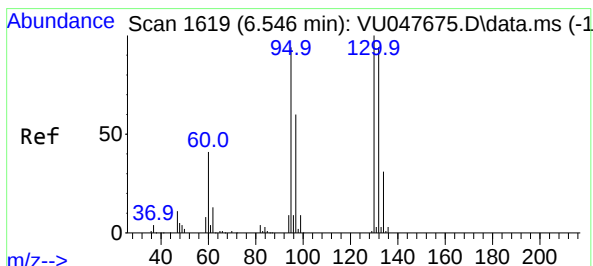
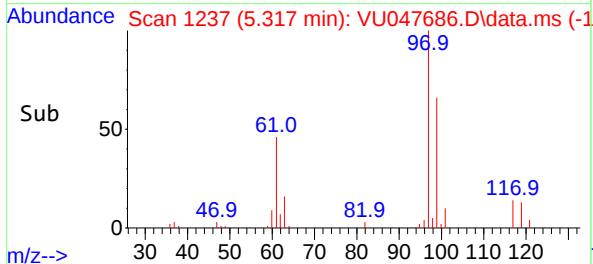
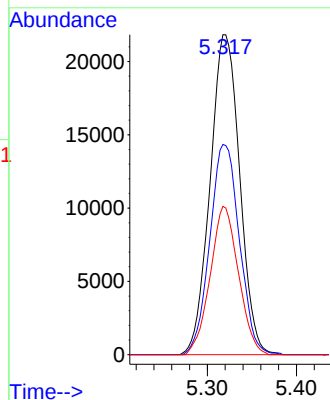
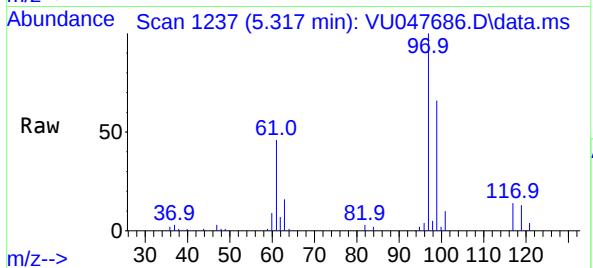


#30
1,1,1-Trichloroethane
Concen: 13.061 ug/L
RT: 5.317 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047686.D
Acq: 25 Mar 2022 20:41

Instrument :
MSVOA_U
ClientSampleId :
EW602

Tgt Ion: 97 Resp: 50394

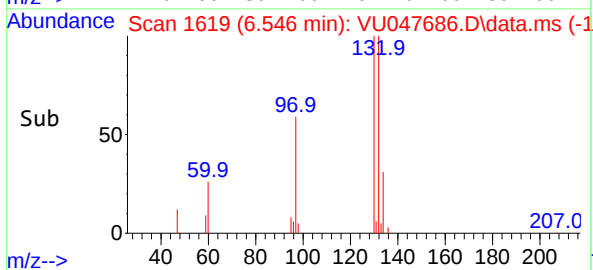
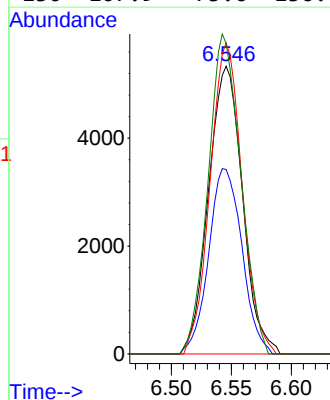
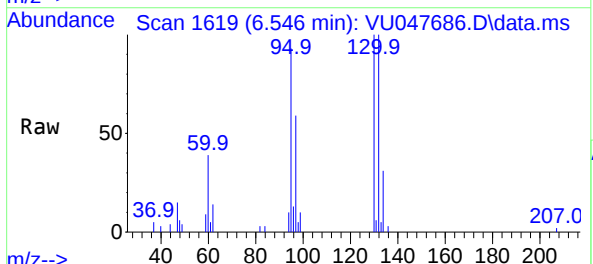
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.6	77.4
61	44.3	34.2	51.4

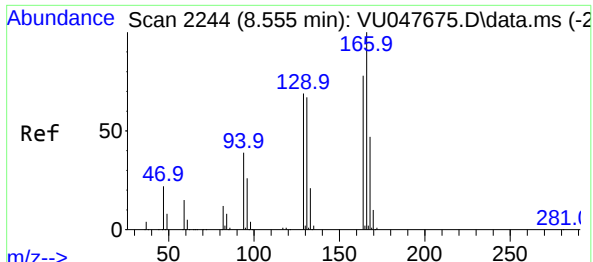


#34
Trichloroethene
Concen: 4.059 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047686.D
Acq: 25 Mar 2022 20:41

Tgt Ion: 95 Resp: 10480

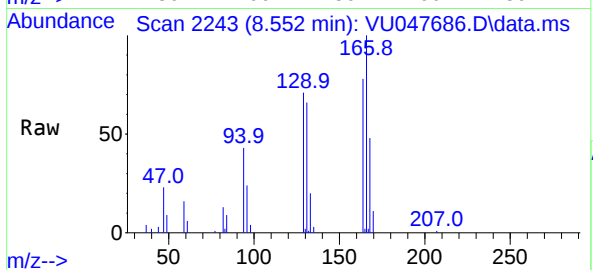
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.7	82.9
132	108.1	70.4	130.8
130	107.9	73.6	136.8





#46
 Tetrachloroethene
 Concen: 4.368 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU047686.D
 Acq: 25 Mar 2022 20:41

Instrument :
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 ClientSampleId :
 EW602



Tgt Ion:164 Resp: 10136

Ion	Ratio	Lower	Upper
164	100		
129	90.7	62.4	116.0
131	83.8	60.7	112.7
166	127.8	89.0	165.4

