

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047685.D
 Acq On : 25 Mar 2022 20:18
 Operator : SY/MD
 Sample : N2082-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW601

Quant Time: Mar 26 04:22:51 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)

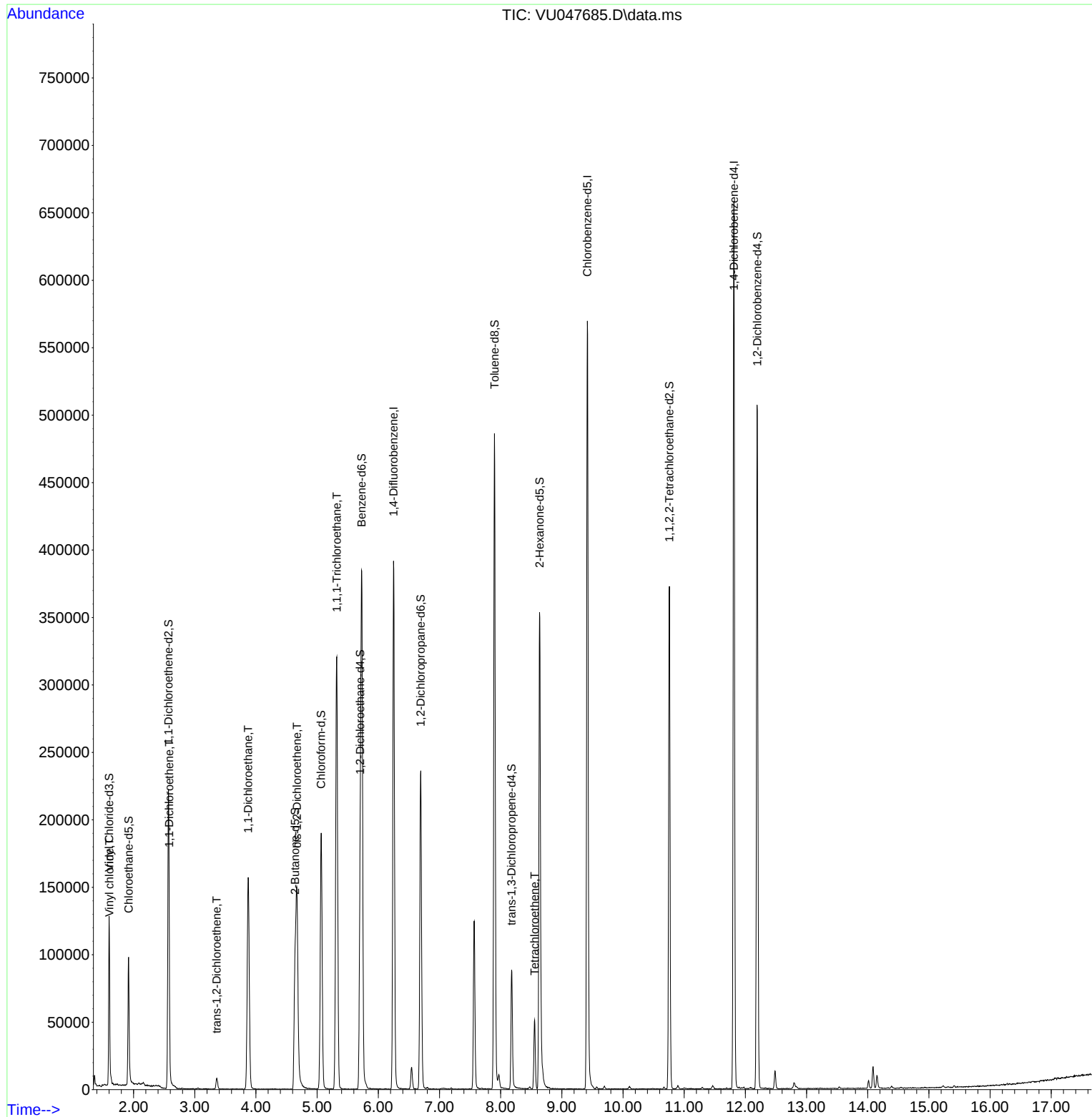
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	329954	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	339874	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	181900	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	89644	37.465	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.940%
7) Chloroethane-d5	1.919	69	73394	38.902	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.572	63	129984	29.693	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.380%#
21) 2-Butanone-d5	4.642	46	179069	87.193	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.190%
24) Chloroform-d	5.067	84	176046	40.211	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.420%
26) 1,2-Dichloroethane-d4	5.703	65	112823	42.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.040%
32) Benzene-d6	5.729	84	355393	41.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.120%
36) 1,2-Dichloropropane-d6	6.694	67	113894	43.364	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.720%
41) Toluene-d8	7.899	98	329166	39.505	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.000%#
43) trans-1,3-Dichloroprop...	8.179	79	49695	37.347	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.700%
47) 2-Hexanone-d5	8.636	63	125134	81.387	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.390%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	179073	39.728	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.460%
66) 1,2-Dichlorobenzene-d4	12.195	152	141055	43.587	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.180%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	2232	0.748	ug/L #	44
12) 1,1-Dichloroethene	2.581	96	3564	1.575	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	3321	1.360	ug/L	95
19) 1,1-Dichloroethane	3.874	63	178611	42.423	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	58152	21.728	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	230417	59.789	ug/L	98
46) Tetrachloroethene	8.555	164	12466	5.379	ug/L	94

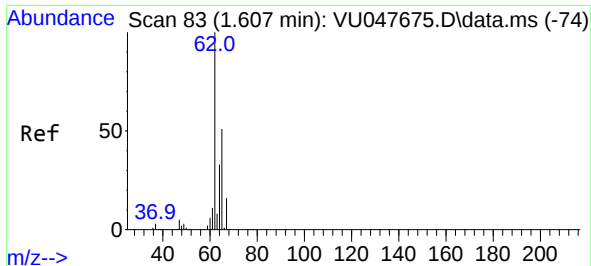
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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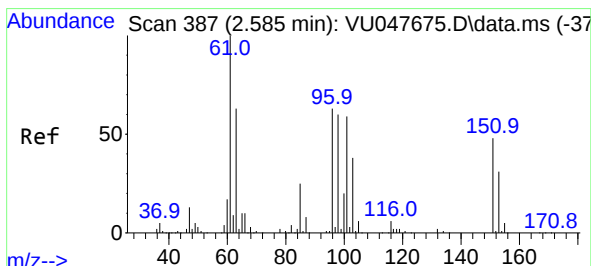
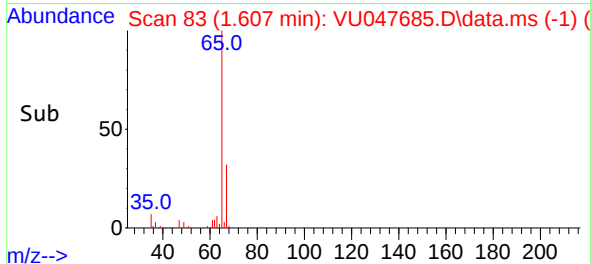
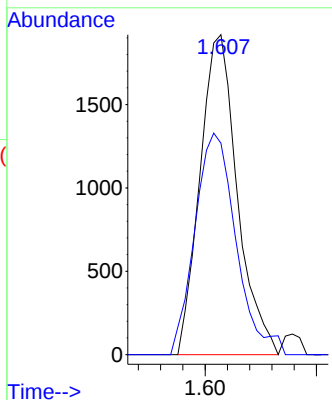
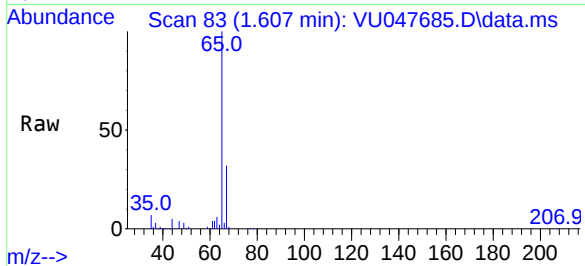




#5
 Vinyl chloride
 Concen: 0.748 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047685.D
 Acq: 25 Mar 2022 20:18

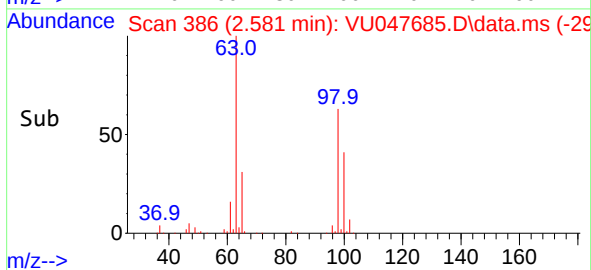
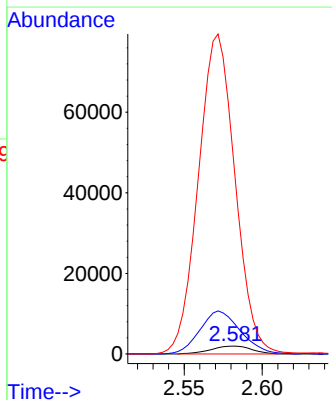
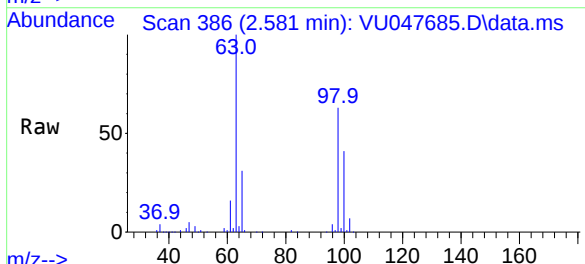
Instrument :
 MSVOA_U
 ClientSampleId :
 EW601

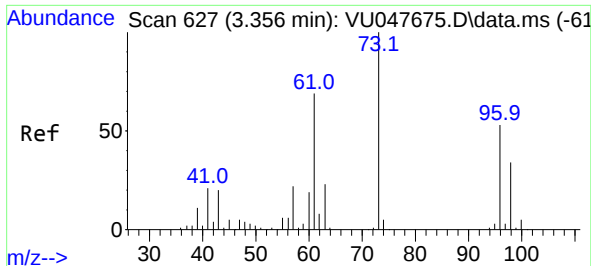
Tgt Ion: 62 Resp: 2232
 Ion Ratio Lower Upper
 62 100
 64 66.1 23.7 43.9#



#12
 1,1-Dichloroethene
 Concen: 1.575 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU047685.D
 Acq: 25 Mar 2022 20:18

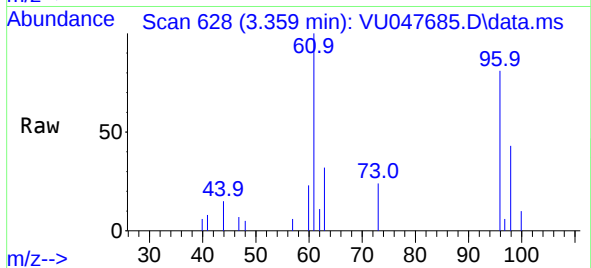
Tgt Ion: 96 Resp: 3564
 Ion Ratio Lower Upper
 96 100
 61 411.8 113.1 210.1#
 63 2557.5 94.8 176.0#





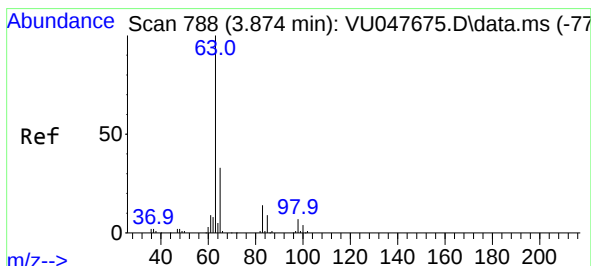
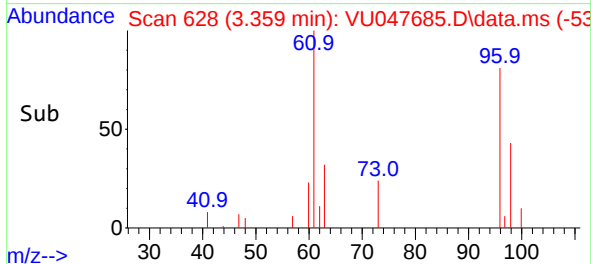
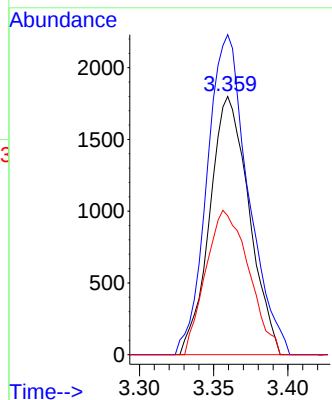
#17
trans-1,2-Dichloroethene
Concen: 1.360 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047685.D
Acq: 25 Mar 2022 20:18

Instrument :
MSVOA_U
ClientSampleId :
EW601



Tgt Ion: 96 Resp: 3321

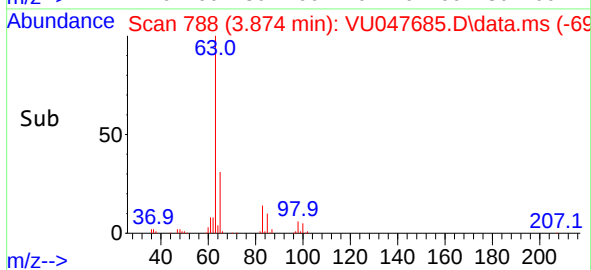
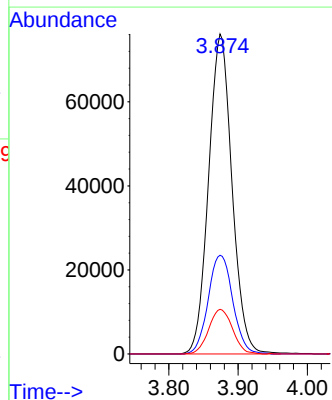
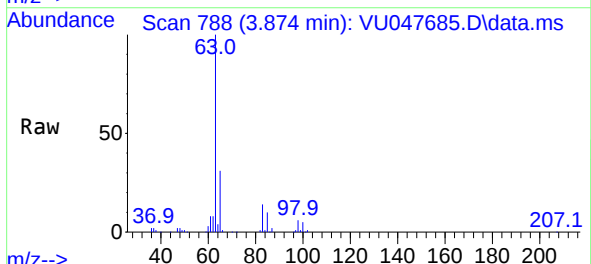
Ion	Ratio	Lower	Upper
96	100		
61	123.9	88.4	164.2
98	53.8	43.3	80.5

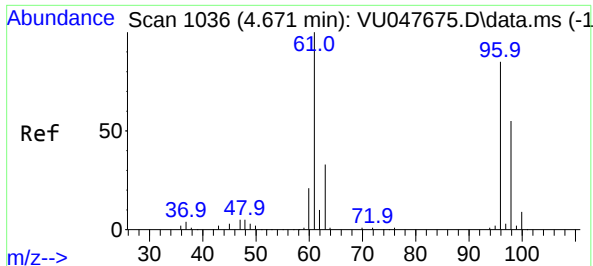


#19
1,1-Dichloroethane
Concen: 42.423 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.000 min
Lab File: VU047685.D
Acq: 25 Mar 2022 20:18

Tgt Ion: 63 Resp: 178611

Ion	Ratio	Lower	Upper
63	100		
65	30.9	22.0	41.0
83	13.9	9.7	18.1

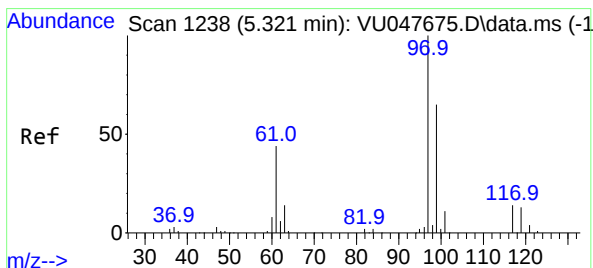
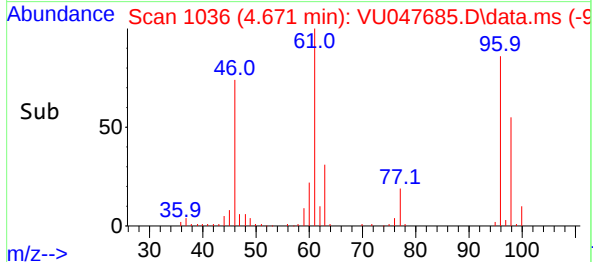
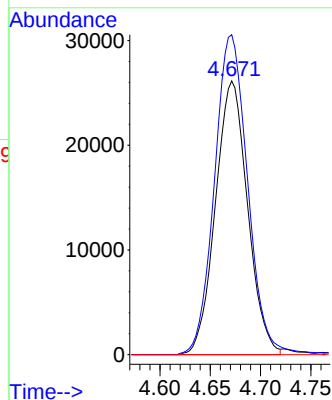
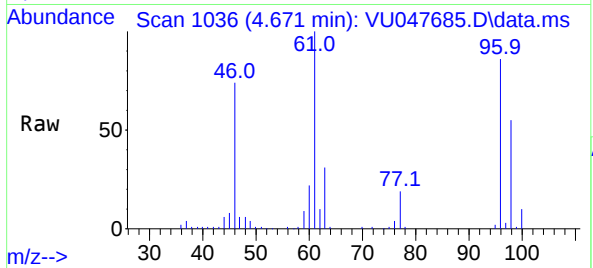




#20
cis-1,2-Dichloroethene
Concen: 21.728 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047685.D
Acq: 25 Mar 2022 20:18

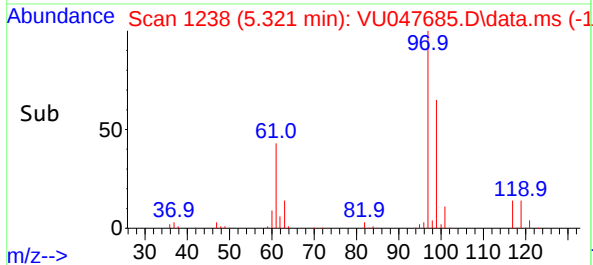
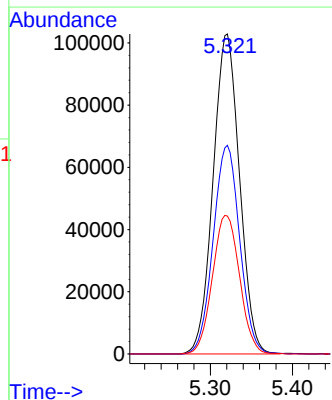
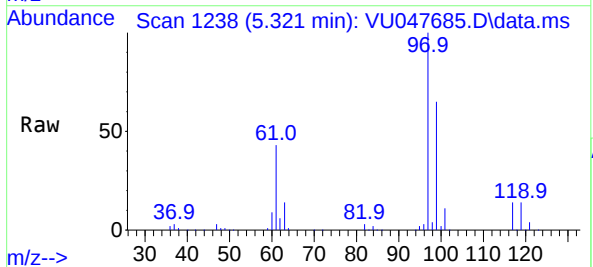
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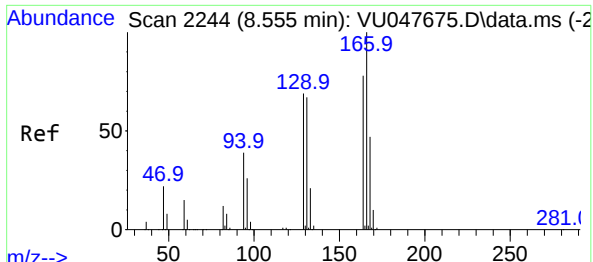
Tgt Ion: 96 Resp: 58152
Ion Ratio Lower Upper
96 100
61 116.9 80.7 149.9
68 0.0 0.0 0.0



#30
1,1,1-Trichloroethane
Concen: 59.789 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047685.D
Acq: 25 Mar 2022 20:18

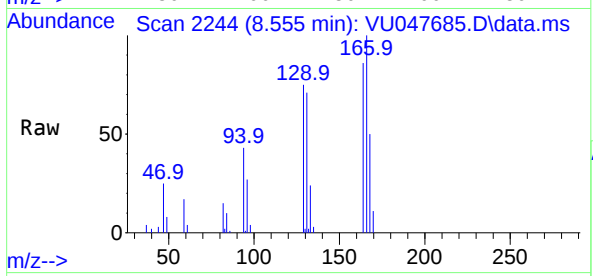
Tgt Ion: 97 Resp: 230417
Ion Ratio Lower Upper
97 100
99 65.6 51.6 77.4
61 44.6 34.2 51.4





#46
Tetrachloroethene
Concen: 5.379 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047685.D
Acq: 25 Mar 2022 20:18

Instrument :
MSVOA_U
ClientSampleId :
EW601



Tgt Ion:164 Resp: 12466

Ion	Ratio	Lower	Upper
164	100		
129	86.6	62.4	116.0
131	82.9	60.7	112.7
166	116.1	89.0	165.4

