

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032822\
 Data File : VU047729.D
 Acq On : 28 Mar 2022 15:52
 Operator : SY/MD
 Sample : N2081-21DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Y8DL

Quant Time: Mar 29 01:45:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 29 01:43:13 2022
 Response via : Initial Calibration

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

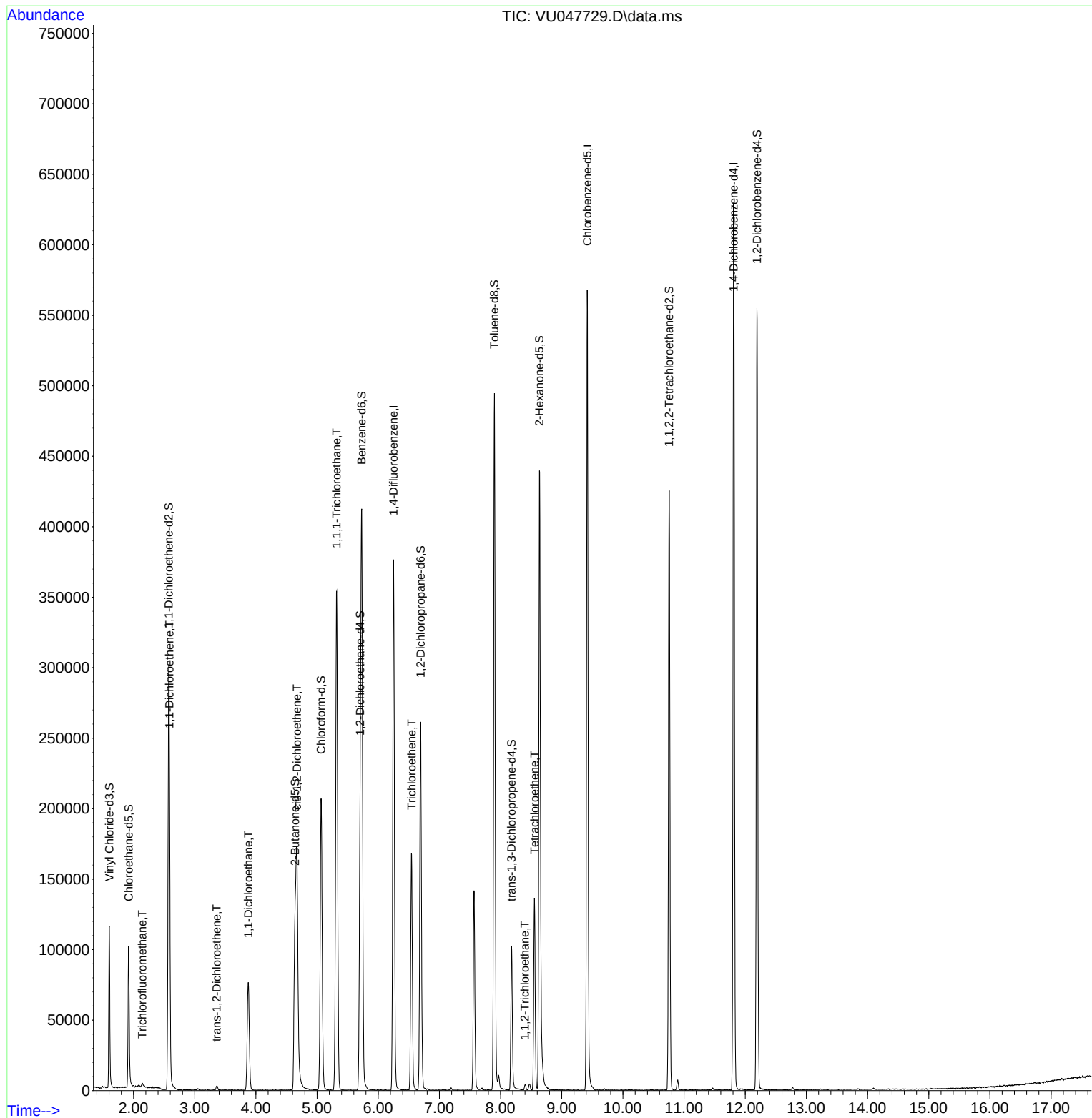
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	316766	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	332152	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	176495	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	86083	37.475	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.960%		
7) Chloroethane-d5	1.919	69	77252	42.651	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.300%		
11) 1,1-Dichloroethene-d2	2.575	63	151653	36.085	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.160%		
21) 2-Butanone-d5	4.639	46	228954	116.124	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	116.120%		
24) Chloroform-d	5.067	84	192435	45.785	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.560%		
26) 1,2-Dichloroethane-d4	5.703	65	126662	49.136	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.280%		
32) Benzene-d6	5.729	84	381160	45.605	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.200%		
36) 1,2-Dichloropropane-d6	6.693	67	123560	48.138	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.280%		
41) Toluene-d8	7.899	98	341981	41.997	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.000%		
43) trans-1,3-Dichloroprop...	8.179	79	56546	43.484	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.960%		
47) 2-Hexanone-d5	8.636	63	163832	109.033	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.030%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	207836	47.181	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.360%		
66) 1,2-Dichlorobenzene-d4	12.192	152	152605	48.600	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.200%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	1763	0.436	ug/L	92
12) 1,1-Dichloroethene	2.588	96	52083	23.970	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	1213	0.518	ug/L	90
19) 1,1-Dichloroethane	3.877	63	87325	21.604	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	62082	24.162	ug/L	93
30) 1,1,1-Trichloroethane	5.317	97	251262	66.714	ug/L	97
34) Trichloroethene	6.546	95	56136	22.271	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	1312	0.506	ug/L	95
46) Tetrachloroethene	8.555	164	31888	14.078	ug/L	97

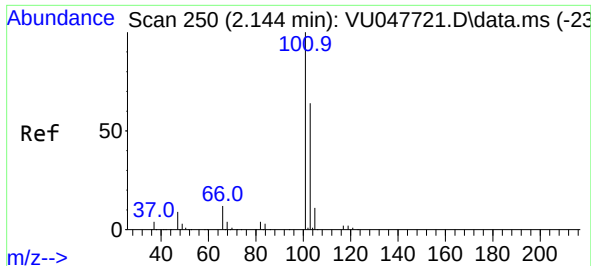
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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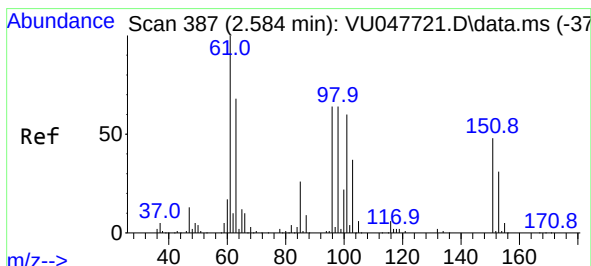
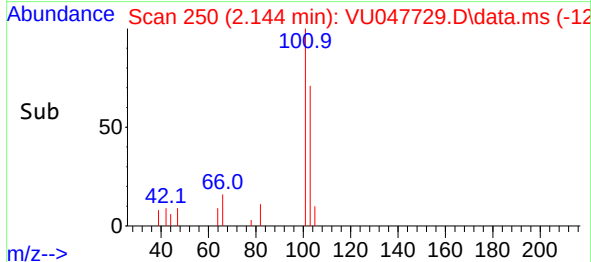
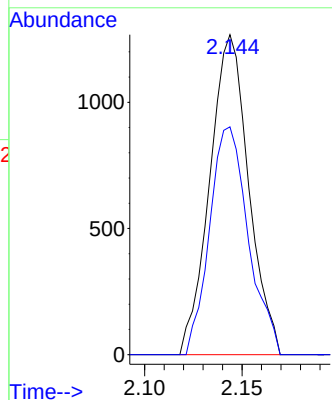
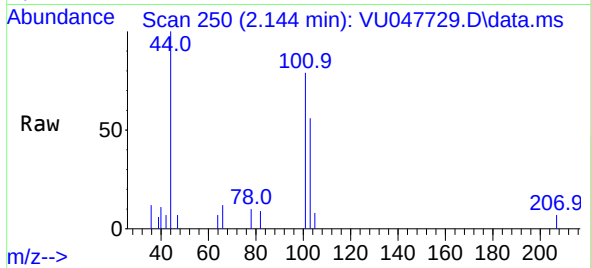




#9
Trichlorofluoromethane
Concen: 0.436 ug/L
RT: 2.144 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047729.D
Acq: 28 Mar 2022 15:52

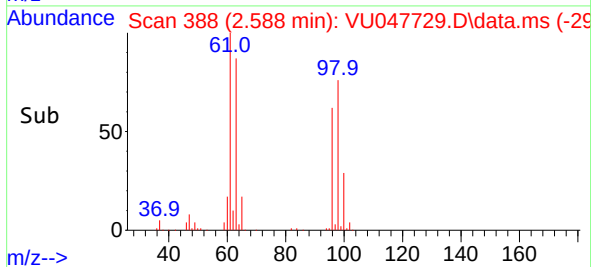
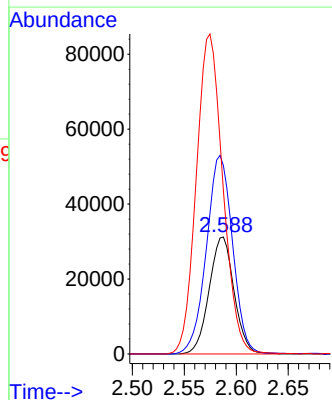
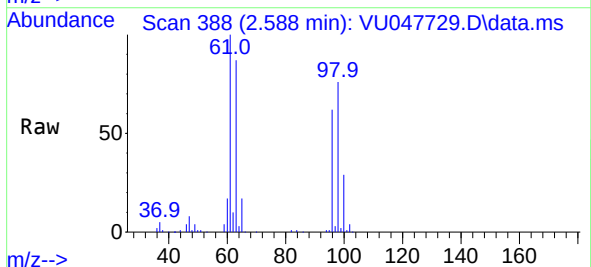
Instrument :
MSVOA_U
ClientSampleId :
EW5Y8DL

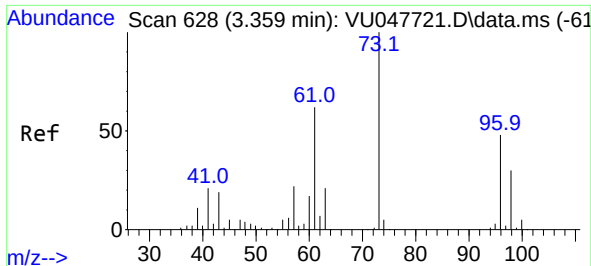
Tgt Ion:101 Resp: 1763
Ion Ratio Lower Upper
101 100
103 70.8 51.4 77.2



#12
1,1-Dichloroethene
Concen: 23.970 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU047729.D
Acq: 28 Mar 2022 15:52

Tgt Ion: 96 Resp: 52083
Ion Ratio Lower Upper
96 100
61 161.1 113.1 210.1
63 139.7 94.8 176.0

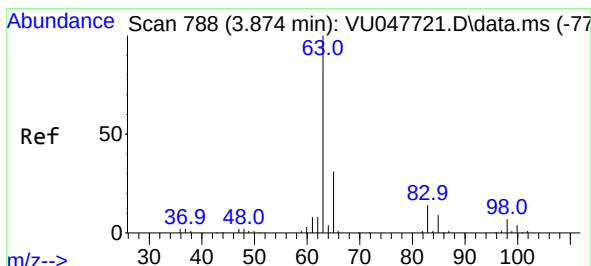
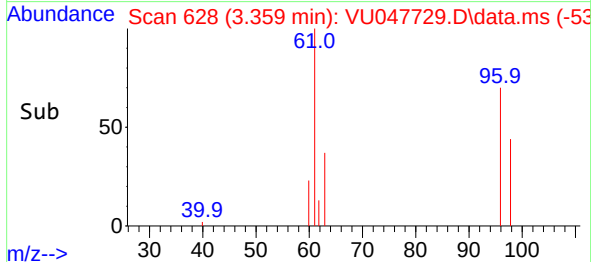
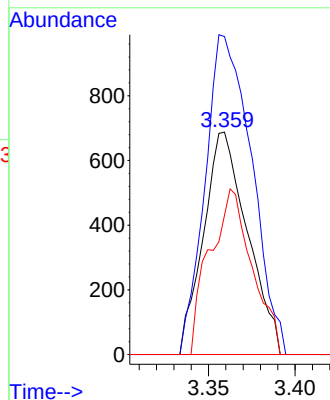
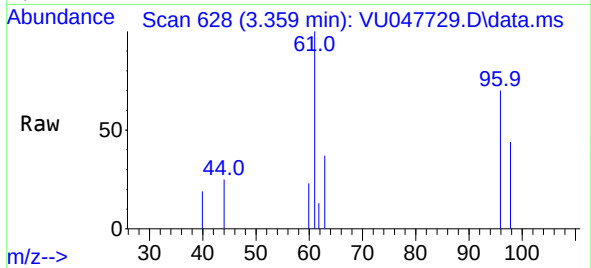




#17
trans-1,2-Dichloroethene
Concen: 0.518 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047729.D
Acq: 28 Mar 2022 15:52

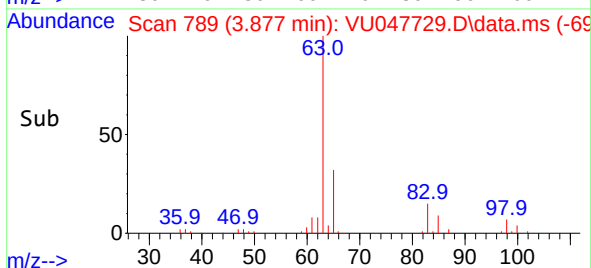
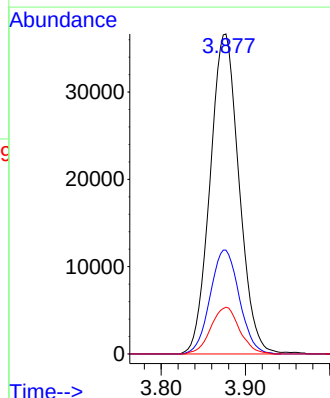
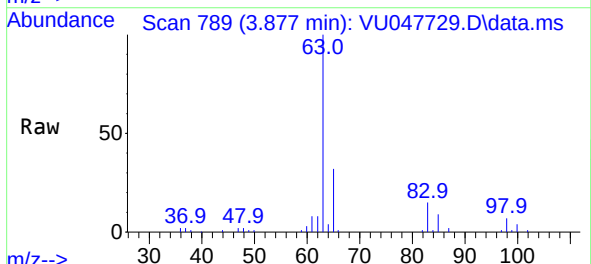
Instrument :
MSVOA_U
ClientSampleId :
EW5Y8DL

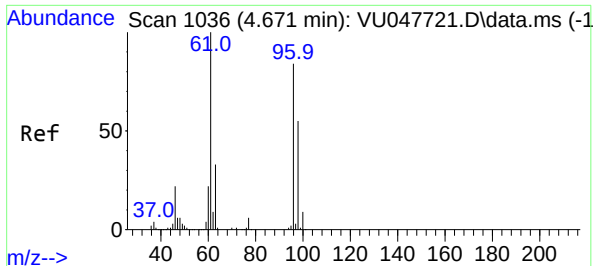
Tgt Ion: 96 Resp: 1213
Ion Ratio Lower Upper
96 100
61 142.9 88.4 164.2
98 62.6 43.3 80.5



#19
1,1-Dichloroethane
Concen: 21.604 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.003 min
Lab File: VU047729.D
Acq: 28 Mar 2022 15:52

Tgt Ion: 63 Resp: 87325
Ion Ratio Lower Upper
63 100
65 32.4 22.0 41.0
83 14.6 9.7 18.1

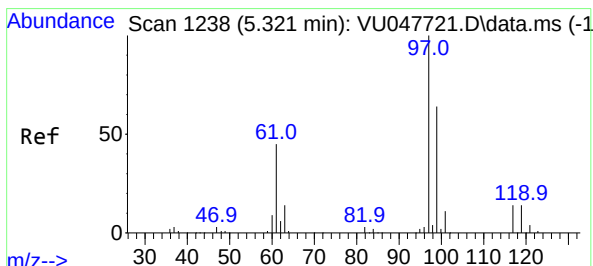
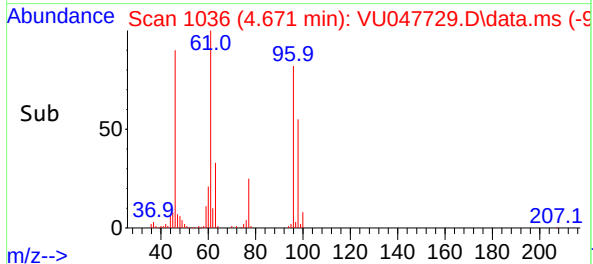
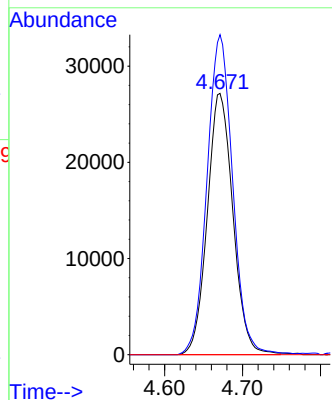
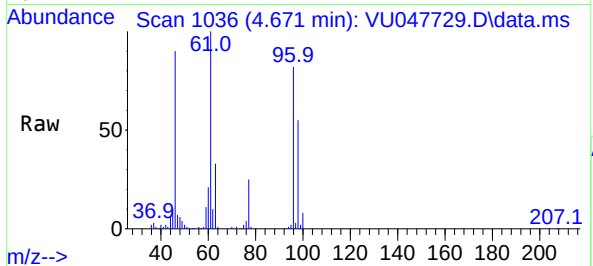




#20
cis-1,2-Dichloroethene
Concen: 24.162 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047729.D
Acq: 28 Mar 2022 15:52

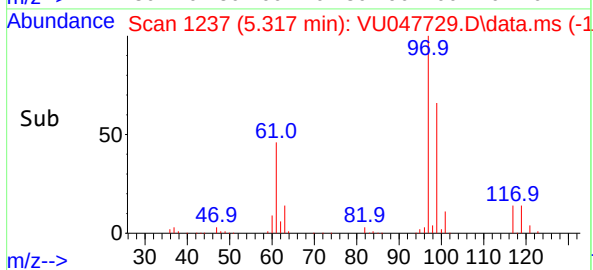
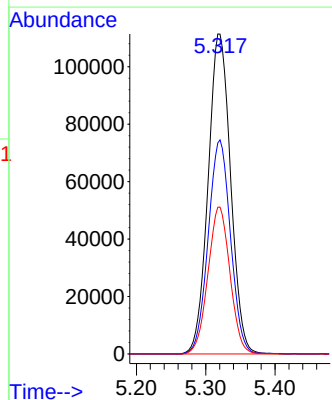
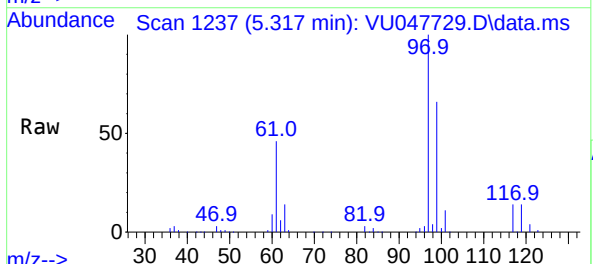
Instrument :
MSVOA_U
ClientSampleId :
EW5Y8DL

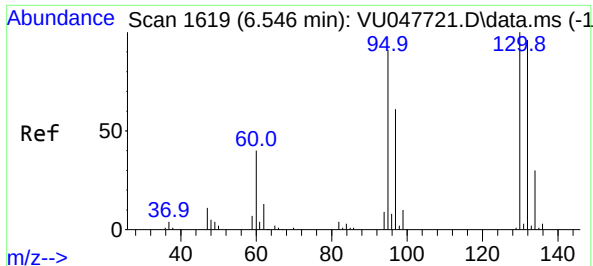
Tgt Ion: 96 Resp: 62082
Ion Ratio Lower Upper
96 100
61 122.5 80.7 149.9
68 0.0 0.0 0.0



#30
1,1,1-Trichloroethane
Concen: 66.714 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU047729.D
Acq: 28 Mar 2022 15:52

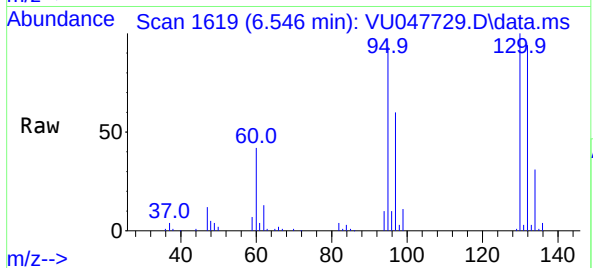
Tgt Ion: 97 Resp: 251262
Ion Ratio Lower Upper
97 100
99 66.3 51.6 77.4
61 44.9 34.2 51.4



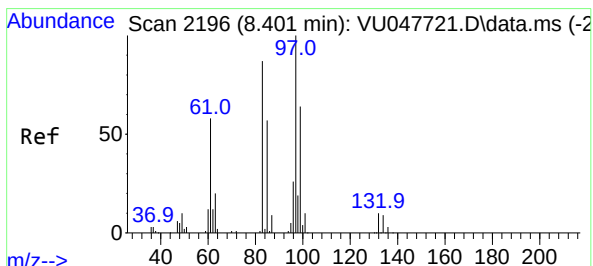
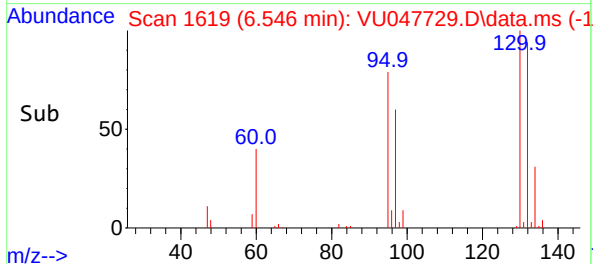
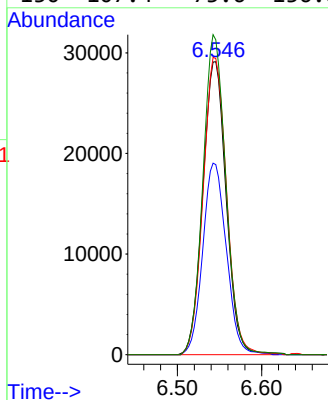


#34
Trichloroethene
Concen: 22.271 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU047729.D
Acq: 28 Mar 2022 15:52

Instrument :
MSVOA_U
ClientSampleId :
EW5Y8DL

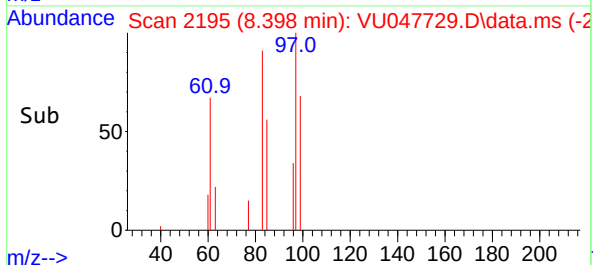
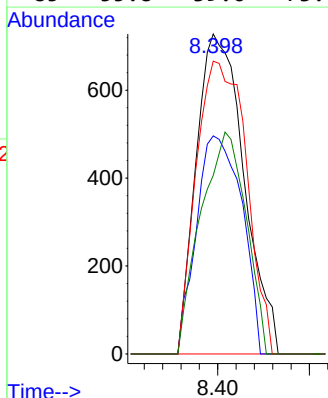
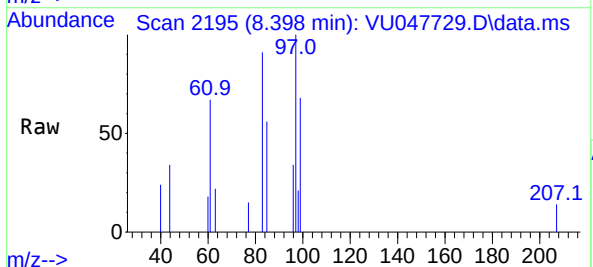


Tgt Ion: 95 Resp: 56136
Ion Ratio Lower Upper
95 100
97 64.9 44.7 82.9
132 101.1 70.4 130.8
130 107.4 73.6 136.8

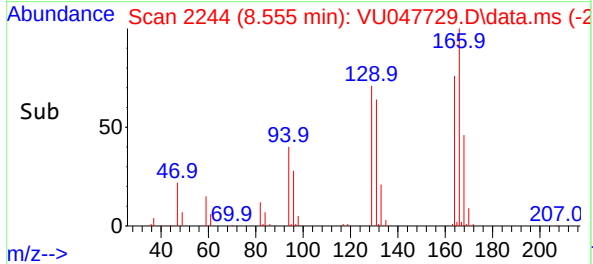
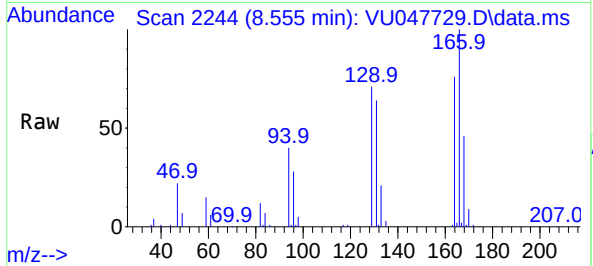
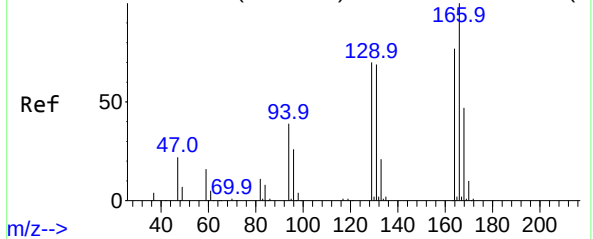


#45
1,1,2-Trichloroethane
Concen: 0.506 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU047729.D
Acq: 28 Mar 2022 15:52

Tgt Ion: 97 Resp: 1312
Ion Ratio Lower Upper
97 100
99 68.1 43.3 80.3
83 91.5 61.0 113.4
85 55.8 39.6 73.6



Abundance Scan 2244 (8.555 min): VU047721.D\data.ms (-2



#46
Tetrachloroethene
Concen: 14.078 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047729.D
Acq: 28 Mar 2022 15:52

Instrument :
MSVOA_U
ClientSampleId :
EW5Y8DL

Tgt Ion:164	Resp:	31888
Ion	Ratio	Lower Upper
164	100	
129	93.3	62.4 116.0
131	84.2	60.7 112.7
166	130.9	89.0 165.4

