

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU047993.D
 Acq On : 13 Apr 2022 11:15
 Operator : SY/MD
 Sample : N2358-03
 Misc : 7.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNS3

Quant Time: Apr 14 03:06:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 02:49:33 2022
 Response via : Initial Calibration

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

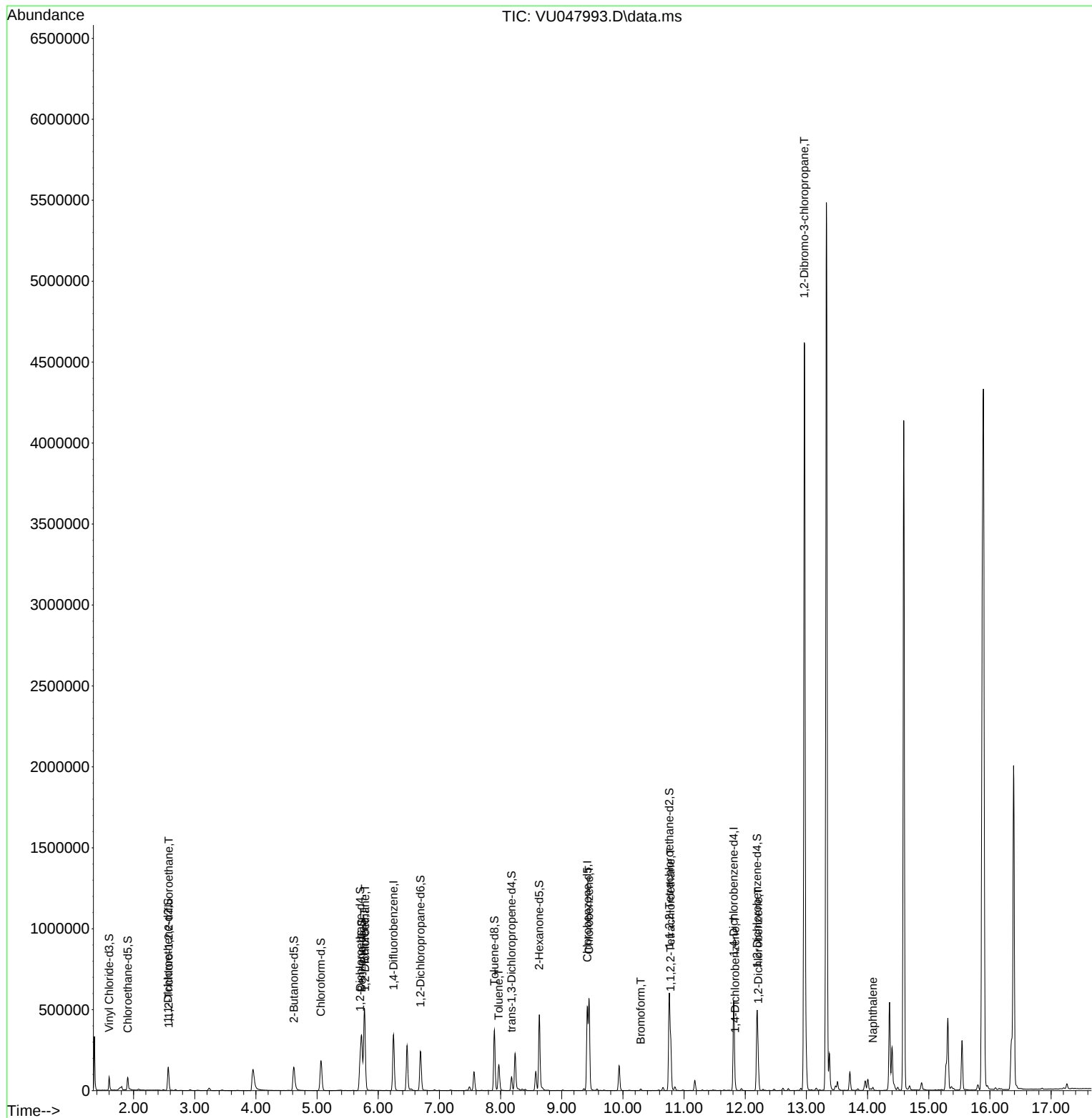
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	292688	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	296437	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	154732	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	61016	28.748	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	57.500%#		
7) Chloroethane-d5	1.903	69	61627	36.824	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.640%		
11) 1,1-Dichloroethene-d2	2.565	63	80072	20.620	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	41.240%#		
21) 2-Butanone-d5	4.620	46	208105	114.233	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.230%		
24) Chloroform-d	5.063	84	171972	44.282	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.560%		
26) 1,2-Dichloroethane-d4	5.703	65	120736	50.690	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.380%		
32) Benzene-d6	5.729	84	316601	42.444	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.880%		
36) 1,2-Dichloropropane-d6	6.690	67	117309	51.209	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.420%		
41) Toluene-d8	7.899	98	251036	34.543	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	69.080%#		
43) trans-1,3-Dichloroprop...	8.179	79	45725	39.399	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.800%		
47) 2-Hexanone-d5	8.632	63	161448	120.391	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	120.390%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	222551	56.609	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	113.220%		
66) 1,2-Dichlorobenzene-d4	12.192	152	126418	45.923	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.840%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	735	0.341	ug/L #	18
27) 1,2-Dichloroethane	5.787	62	5343	1.720	ug/L #	90
33) Benzene	5.774	78	488762	56.962	ug/L	100
42) Toluene	7.970	91	108788	11.555	ug/L	98
51) Chlorobenzene	9.446	112	297188	46.490	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	3808	0.878	ug/L #	43
59) Bromoform	10.291	173	4651	2.351	ug/L #	97
65) 1,4-Dichlorobenzene	11.835	146	11014	2.288	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	35017	7.529	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.967	75	731084	782.437	ug/L #	1
71) Naphthalene	14.086	128	15050	1.527	ug/L	99

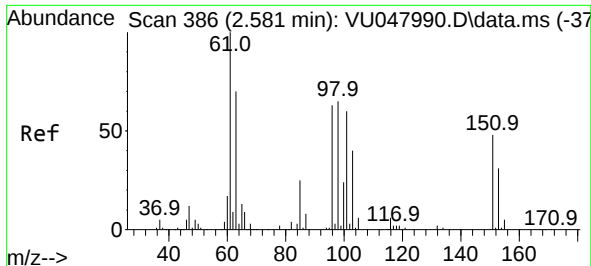
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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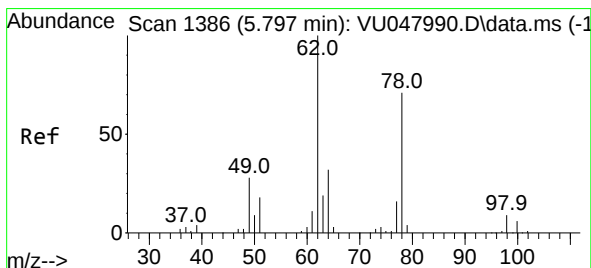
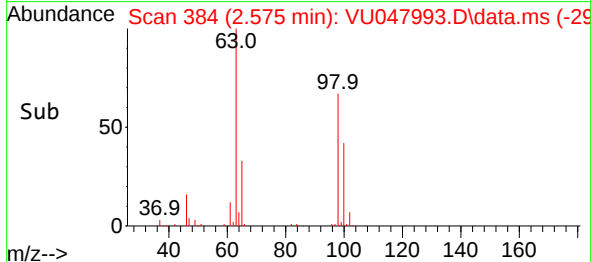
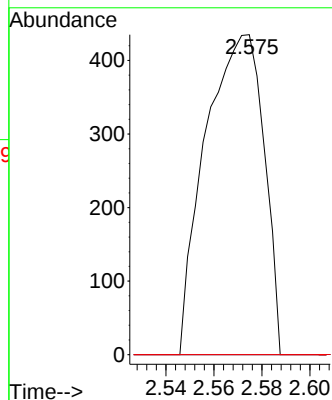
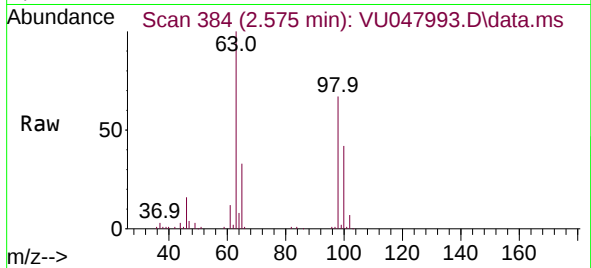




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.341 ug/L
 RT: 2.575 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VU047993.D
 Acq: 13 Apr 2022 11:15

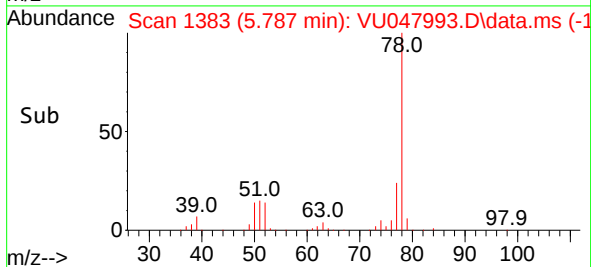
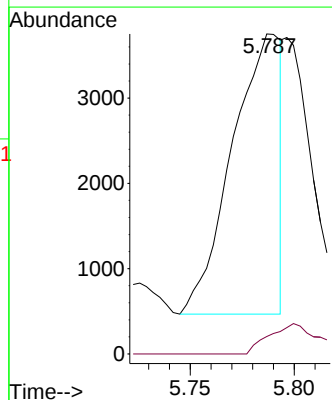
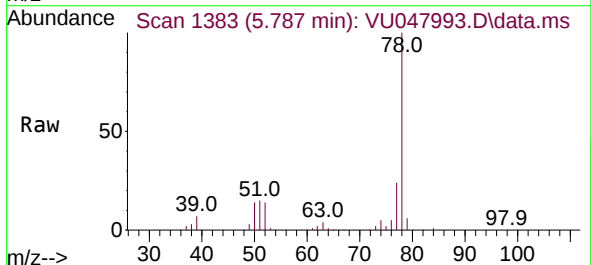
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNS3

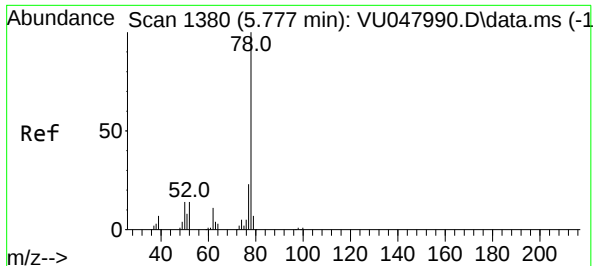
Tgt Ion:101 Resp: 735
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#27
 1,2-Dichloroethane
 Concen: 1.720 ug/L
 RT: 5.787 min Scan# 1383
 Delta R.T. -0.010 min
 Lab File: VU047993.D
 Acq: 13 Apr 2022 11:15

Tgt Ion: 62 Resp: 5343
 Ion Ratio Lower Upper
 62 100
 98 5.5 7.4 11.0#

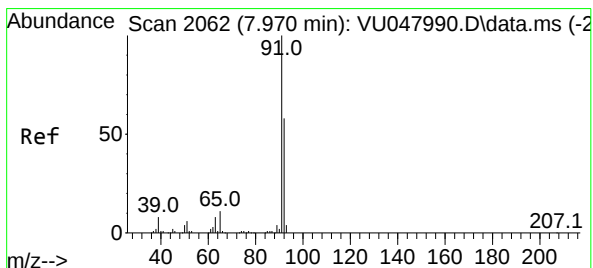
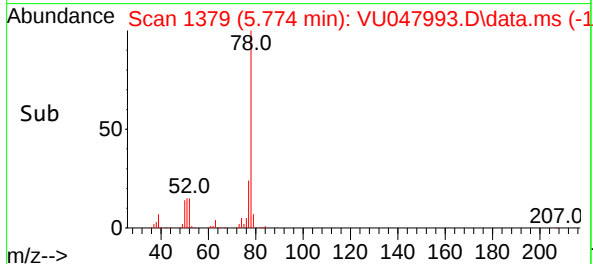
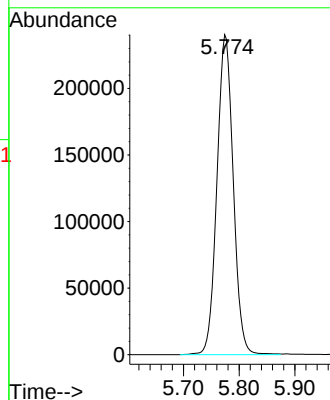
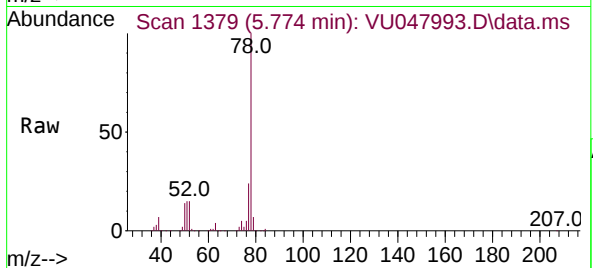




#33
Benzene
Concen: 56.962 ug/L
RT: 5.774 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU047993.D
Acq: 13 Apr 2022 11:15

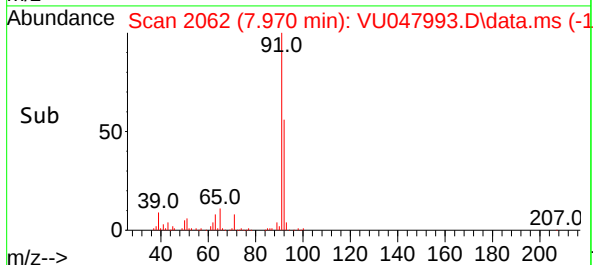
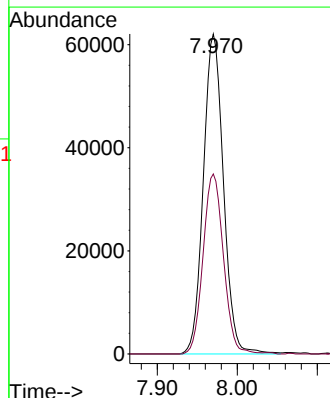
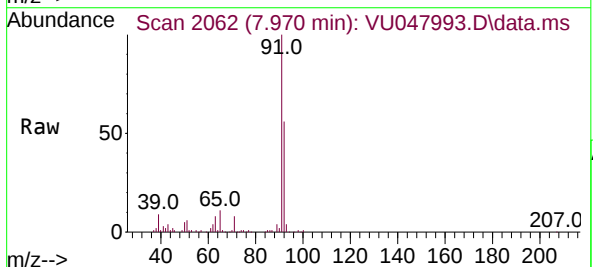
Instrument :
MSVOA_U
ClientSampleId :
ETNS3

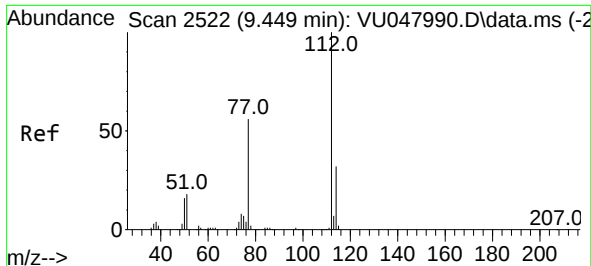
Tgt Ion: 78 Resp: 488762



#42
Toluene
Concen: 11.555 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU047993.D
Acq: 13 Apr 2022 11:15

Tgt Ion: 91 Resp: 108788
Ion Ratio Lower Upper
91 100
92 56.3 40.4 75.0

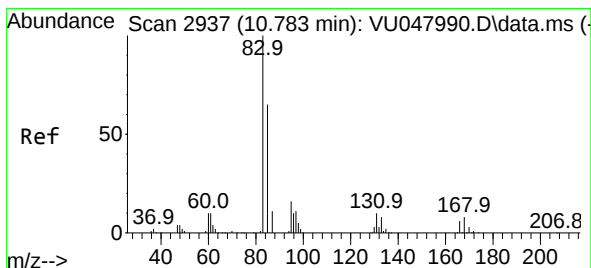
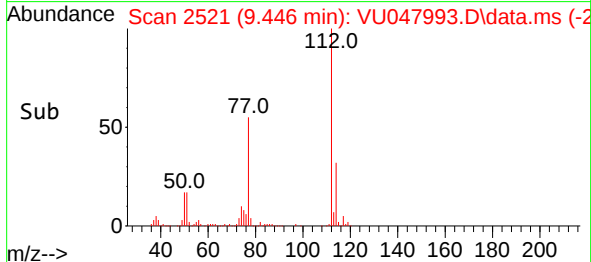
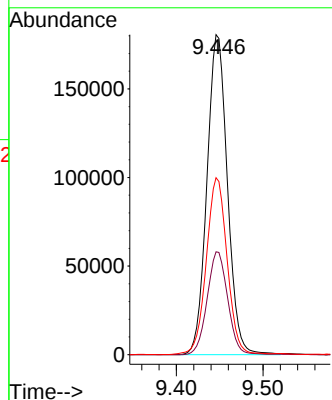
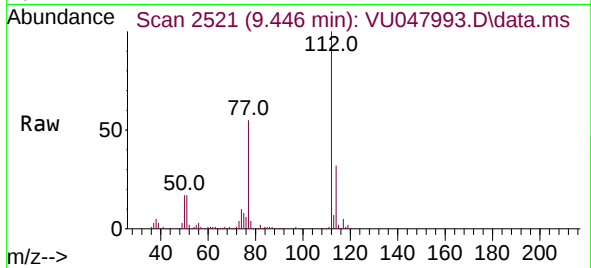




#51
Chlorobenzene
Concen: 46.490 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047993.D
Acq: 13 Apr 2022 11:15

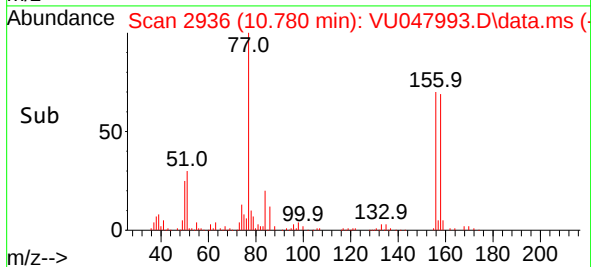
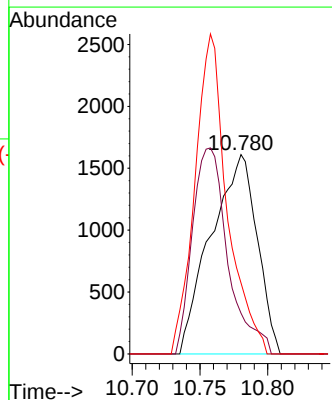
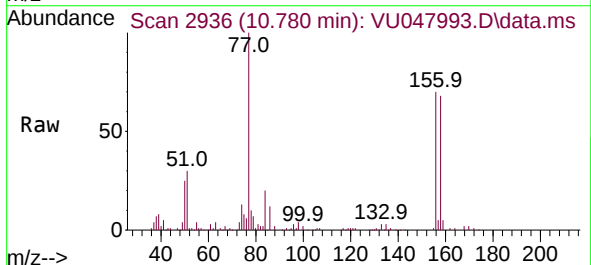
Instrument :
MSVOA_U
ClientSampleId :
ETNS3

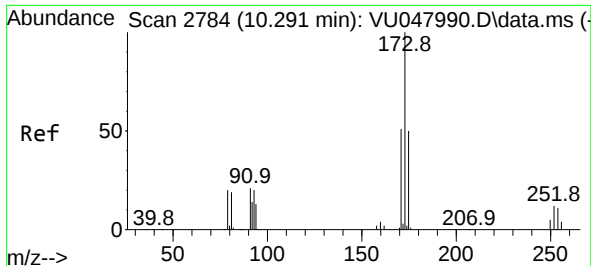
Tgt Ion:112 Resp: 297188
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 55.3 43.4 65.0



#57
1,1,2,2-Tetrachloroethane
Concen: 0.878 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.003 min
Lab File: VU047993.D
Acq: 13 Apr 2022 11:15

Tgt Ion: 83 Resp: 3808
Ion Ratio Lower Upper
83 100
85 20.4 44.9 83.3#
131 35.6 8.6 13.0#

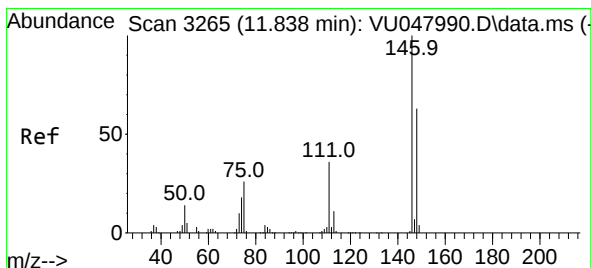
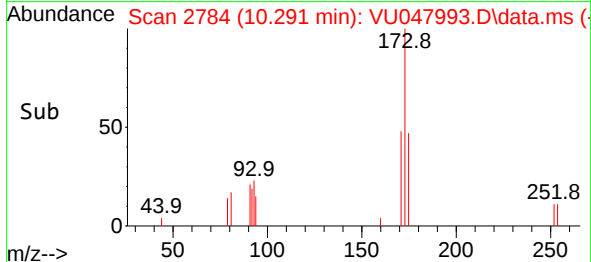
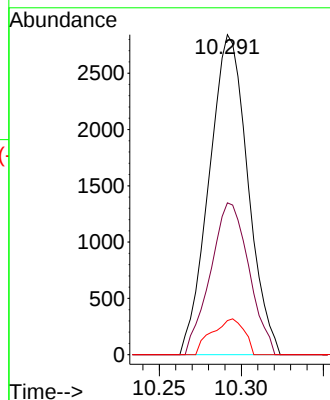
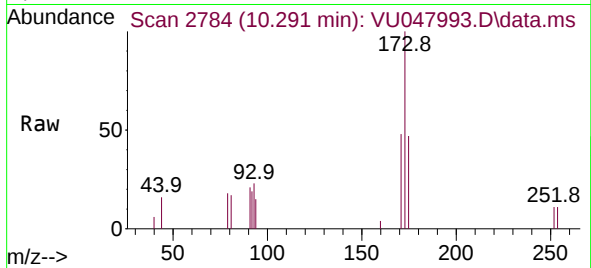




#59
Bromoform
Concen: 2.351 ug/L
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047993.D
Acq: 13 Apr 2022 11:15

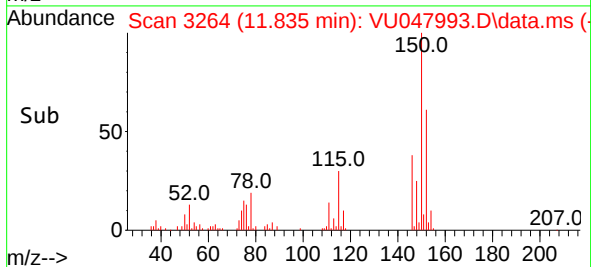
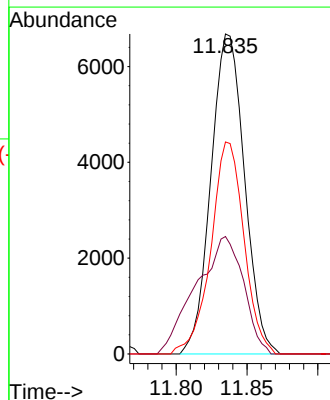
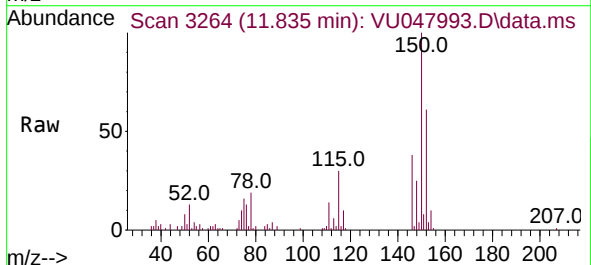
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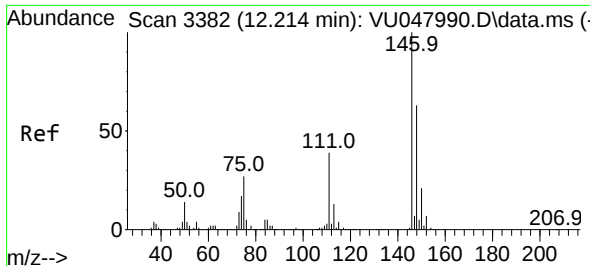
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.2	38.7	58.1
254	9.4	9.6	14.4#



#65
1,4-Dichlorobenzene
Concen: 2.288 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047993.D
Acq: 13 Apr 2022 11:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	25.3	47.1
148	66.3	44.5	82.7

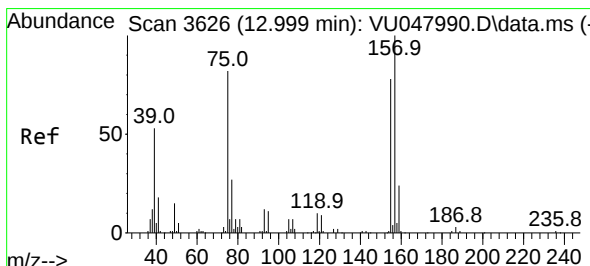
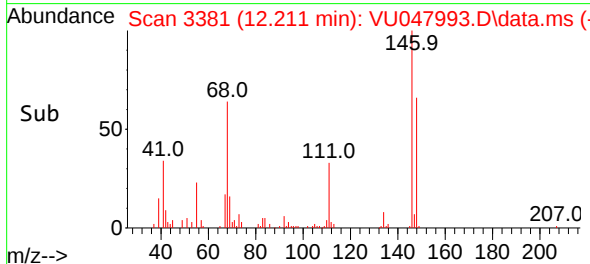
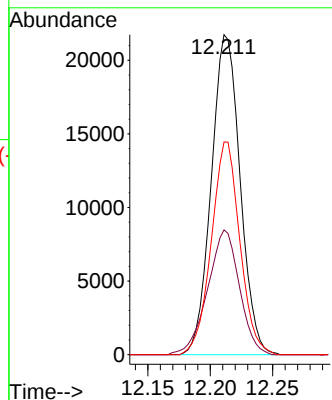
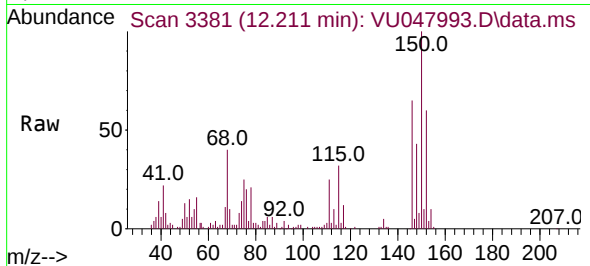




#67
1,2-Dichlorobenzene
Concen: 7.529 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU047993.D
Acq: 13 Apr 2022 11:15

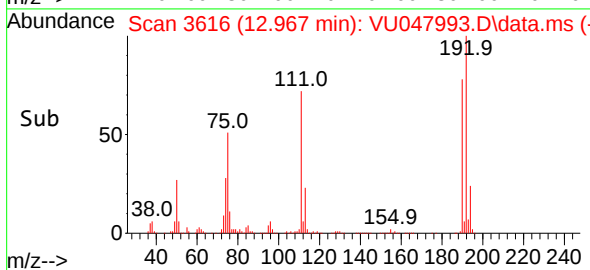
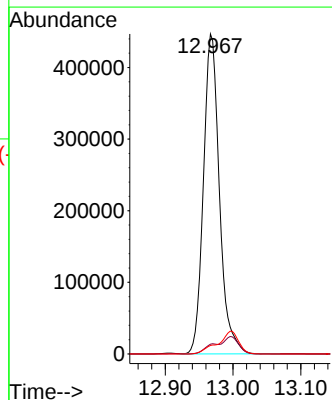
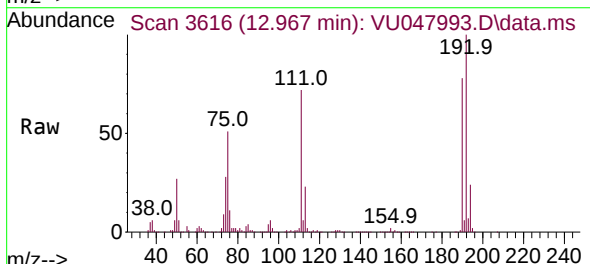
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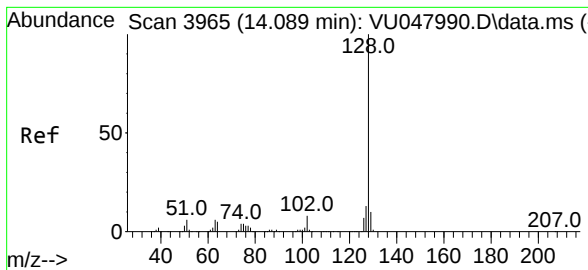
Tgt Ion:146 Resp: 35017
Ion Ratio Lower Upper
146 100
111 39.0 31.7 47.5
148 66.5 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 782.437 ug/L
RT: 12.967 min Scan# 3616
Delta R.T. -0.032 min
Lab File: VU047993.D
Acq: 13 Apr 2022 11:15

Tgt Ion: 75 Resp: 731084
Ion Ratio Lower Upper
75 100
155 3.0 78.9 118.3#
157 2.7 97.5 146.3#





#71
 Naphthalene
 Concen: 1.527 ug/L
 RT: 14.086 min Scan# 3965
 Delta R.T. -0.003 min
 Lab File: VU047993.D
 Acq: 13 Apr 2022 11:15

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Tgt Ion:	128	Resp:	15050
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	10.8	8.8	13.2

