

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020823\
 Data File : VU053011.D
 Acq On : 08 Feb 2023 20:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050153

Quant Time: Feb 09 01:50:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 09 01:09:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	313518	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	296727	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	163852	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	129347	44.407	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.820%
7) Chloroethane-d5	1.913	69	112049	47.555	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.120%
11) 1,1-Dichloroethene-d2	2.566	63	206745	46.319	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.640%
21) 2-Butanone-d5	4.624	46	117605	104.101	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.100%
24) Chloroform-d	5.058	84	234574	48.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.420%
26) 1,2-Dichloroethane-d4	5.698	65	140293	48.737	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.480%
32) Benzene-d6	5.723	84	476558	48.407	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.820%
36) 1,2-Dichloropropane-d6	6.685	67	147157	48.447	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.900%
41) Toluene-d8	7.894	98	462774	47.975	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.940%
43) trans-1,3-Dichloroprop...	8.173	79	79663	47.854	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.700%
47) 2-Hexanone-d5	8.630	63	99201	107.547	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.550%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	212715	50.587	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.180%
66) 1,2-Dichlorobenzene-d4	12.189	152	183415	50.298	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.386	85	112587	45.661	ug/L	100
3) Chloromethane	1.518	50	105537	46.429	ug/L	99
5) Vinyl chloride	1.604	62	129362	46.222	ug/L	98
6) Bromomethane	1.858	94	92746	48.013	ug/L	96
8) Chloroethane	1.936	64	84867	49.470	ug/L	98
9) Trichlorofluoromethane	2.138	101	208681	48.704	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	102473	47.474	ug/L	97
12) 1,1-Dichloroethene	2.579	96	99613	48.436	ug/L	94
13) Acetone	2.640	43	63832	62.461	ug/L	91
14) Carbon disulfide	2.791	76	288610	47.165	ug/L	98
16) Methylene chloride	3.042	84	113661	45.789	ug/L	93
17) trans-1,2-Dichloroethene	3.350	96	105575	47.996	ug/L	96
18) Methyl tert-butyl Ether	3.357	73	344627	50.356	ug/L	97
19) 1,1-Dichloroethane	3.865	63	185579	49.224	ug/L	98
20) cis-1,2-Dichloroethene	4.662	96	123858	49.904	ug/L #	91
22) 2-Butanone	4.707	43	106870	88.831	ug/L	86
23) Bromochloromethane	4.971	128	66814	49.923	ug/L	95
25) Chloroform	5.083	83	206747	49.049	ug/L	100
27) 1,2-Dichloroethane	5.788	62	150917	50.086	ug/L	98

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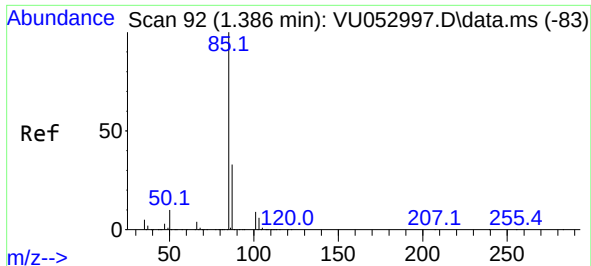
Quant Time: Feb 09 01:50:15 2023
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.382	56	161977	46.459	ug/L	95
30) 1,1,1-Trichloroethane	5.312	97	186723	48.948	ug/L	99
31) Carbon tetrachloride	5.521	117	163175	48.787	ug/L	98
33) Benzene	5.772	78	450174	49.484	ug/L	100
34) Trichloroethene	6.537	95	119335	48.234	ug/L	99
35) Methylcyclohexane	6.759	83	192280	45.767	ug/L	94
37) 1,2-Dichloropropane	6.788	63	114171	49.501	ug/L	99
38) Bromodichloromethane	7.099	83	165672	49.715	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	199421	50.298	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	223665	100.139	ug/L	93
42) Toluene	7.964	91	498529	48.368	ug/L	95
44) trans-1,3-Dichloropropene	8.206	75	189496	49.304	ug/L	100
45) 1,1,2-Trichloroethane	8.395	97	118194	49.752	ug/L	99
46) Tetrachloroethene	8.550	164	93706	47.824	ug/L	96
48) 2-Hexanone	8.681	43	172800	97.045	ug/L	91
49) Dibromochloromethane	8.807	129	144886	50.482	ug/L	99
50) 1,2-Dibromoethane	8.919	107	133348	51.308	ug/L	99
51) Chlorobenzene	9.443	112	326737	49.266	ug/L	98
52) Ethylbenzene	9.566	91	544554	48.041	ug/L	99
53) m,p-Xylene	9.691	106	214545	47.861	ug/L	98
54) o-xylene	10.096	106	216042	48.795	ug/L	95
55) Styrene	10.109	104	361068	48.347	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	192382	51.930	ug/L	99
59) Bromoform	10.286	173	111419	52.024	ug/L	98
60) 1,2,3-Trichloropropane	10.816	75	140497	52.259	ug/L	98
61) Isopropylbenzene	10.479	105	553774	49.164	ug/L	100
62) 1,3,5-Trimethylbenzene	11.083	105	485299	48.937	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	472086	48.877	ug/L	97
64) 1,3-Dichlorobenzene	11.739	146	250219	49.242	ug/L	99
65) 1,4-Dichlorobenzene	11.829	146	249249	48.762	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	254950	49.967	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	42228	51.650	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	187527	47.619	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	167813	47.697	ug/L	98
71) Naphthalene	14.080	128	529383	50.773	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	167197	48.485	ug/L	99

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

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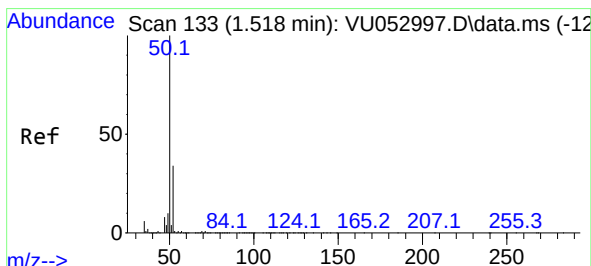
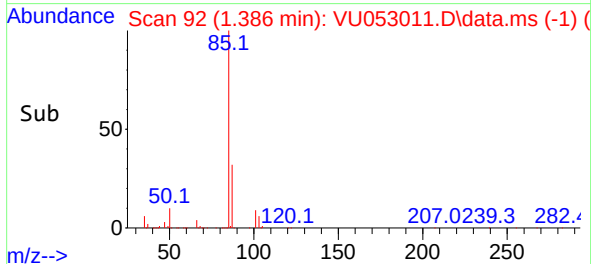
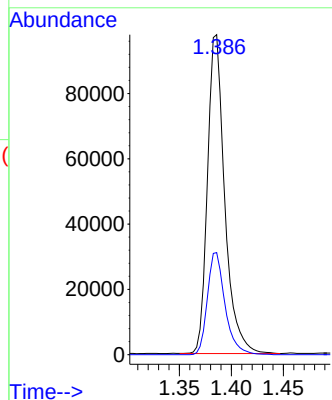
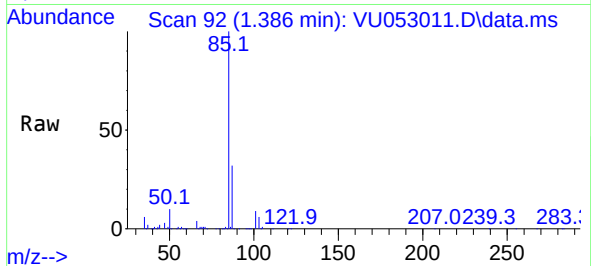




#2
Dichlorodifluoromethane
Concen: 45.661 ug/L
RT: 1.386 min Scan# 91
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

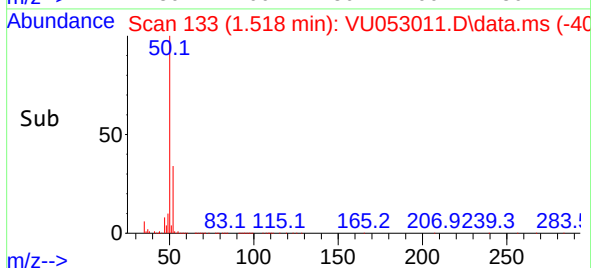
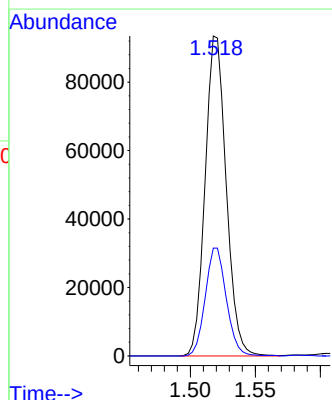
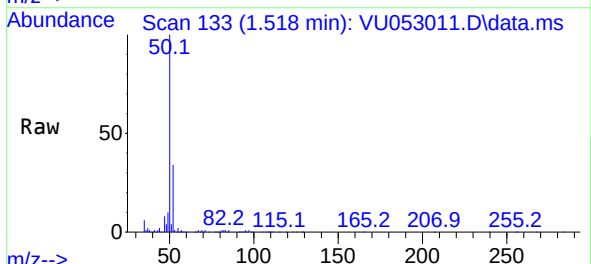
Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

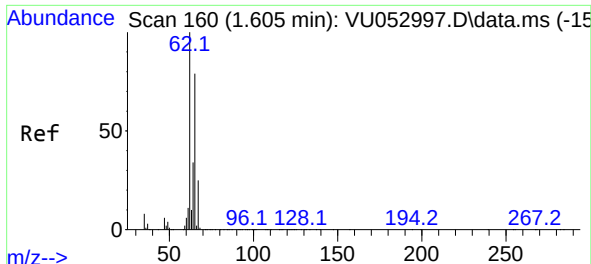
Tgt Ion: 85 Resp: 112587
Ion Ratio Lower Upper
85 100
87 32.8 26.4 39.6



#3
Chloromethane
Concen: 46.429 ug/L
RT: 1.518 min Scan# 133
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion: 50 Resp: 105537
Ion Ratio Lower Upper
50 100
52 33.7 23.4 43.4

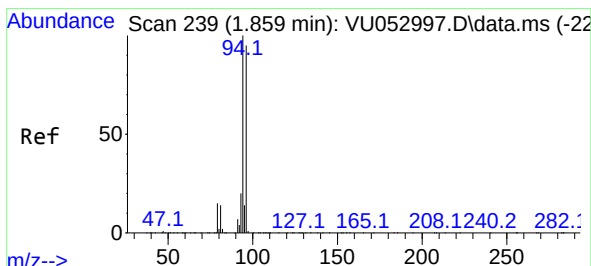
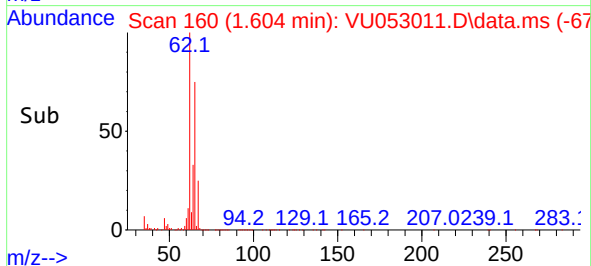
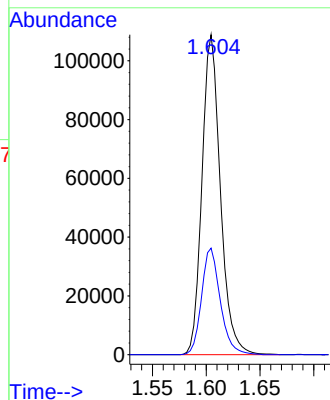
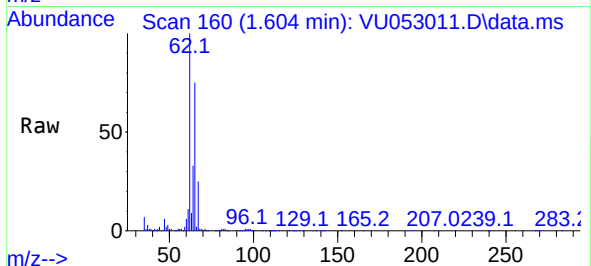




#5
 Vinyl chloride
 Concen: 46.222 ug/L
 RT: 1.604 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU053011.D
 Acq: 08 Feb 2023 20:27

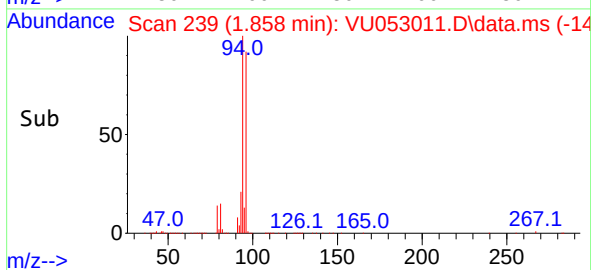
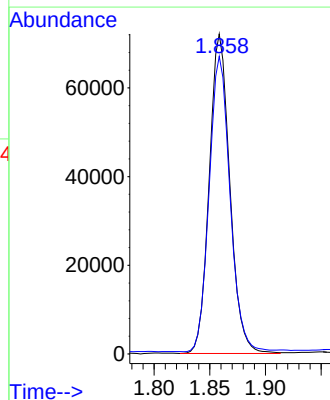
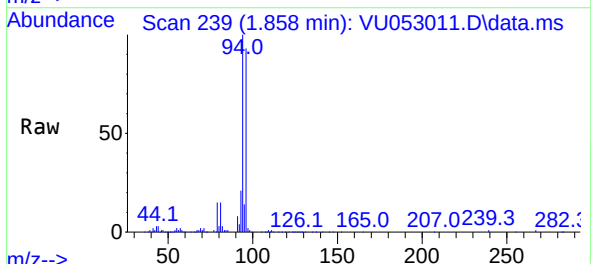
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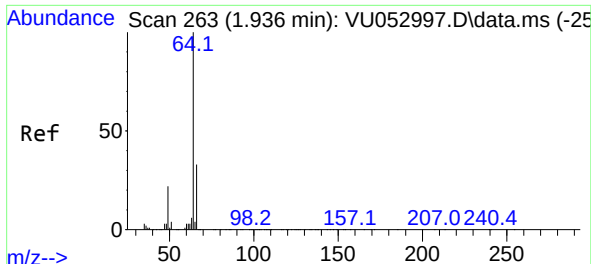
Tgt Ion: 62 Resp: 129362
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.4 41.6



#6
 Bromomethane
 Concen: 48.013 ug/L
 RT: 1.858 min Scan# 239
 Delta R.T. -0.000 min
 Lab File: VU053011.D
 Acq: 08 Feb 2023 20:27

Tgt Ion: 94 Resp: 92746
 Ion Ratio Lower Upper
 94 100
 96 93.0 67.8 125.8

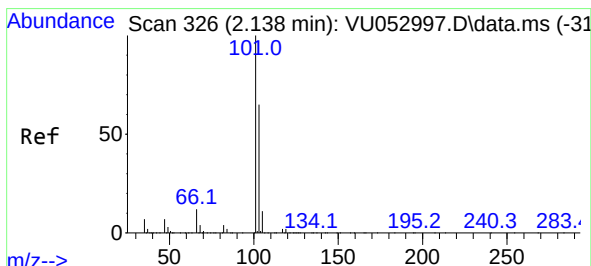
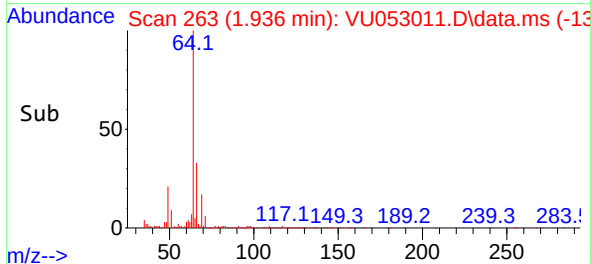
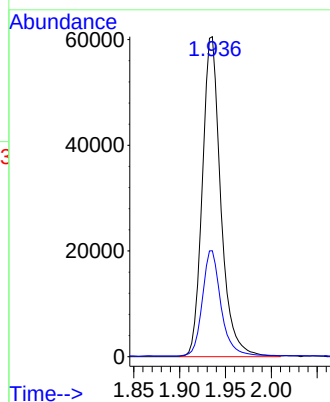
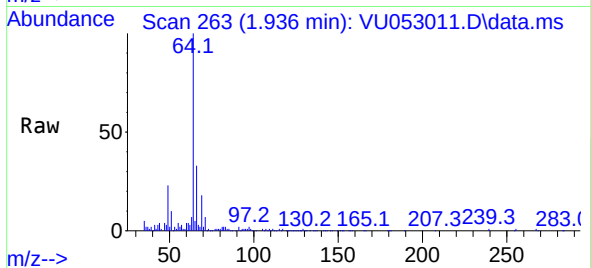




#8
Chloroethane
Concen: 49.470 ug/L
RT: 1.936 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

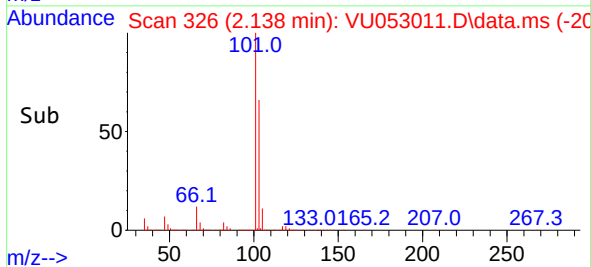
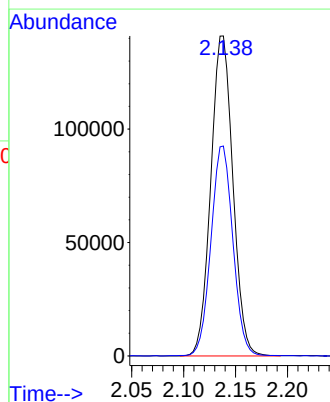
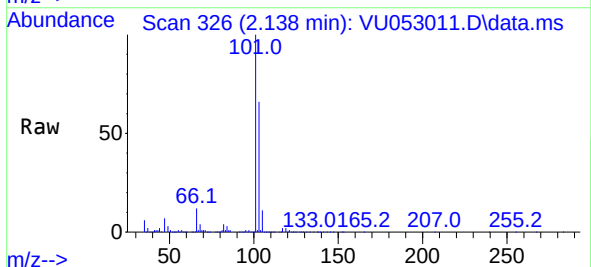
Instrument :
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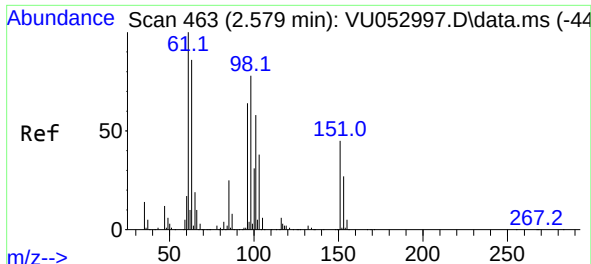
Tgt Ion: 64 Resp: 84867
Ion Ratio Lower Upper
64 100
66 33.1 24.1 44.7



#9
Trichlorofluoromethane
Concen: 48.704 ug/L
RT: 2.138 min Scan# 326
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion: 101 Resp: 208681
Ion Ratio Lower Upper
101 100
103 65.3 52.0 78.0

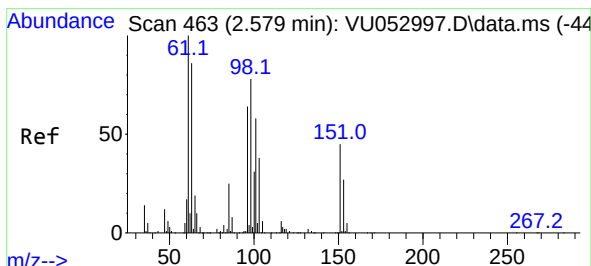
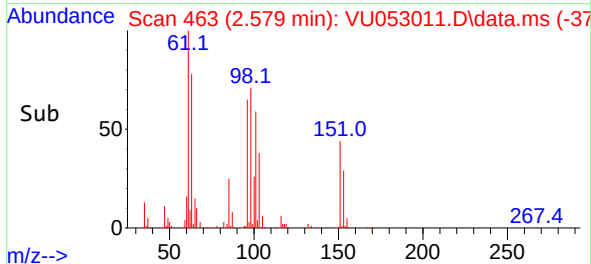
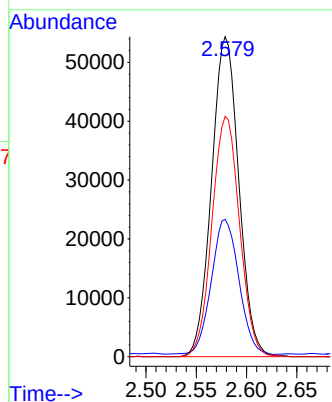
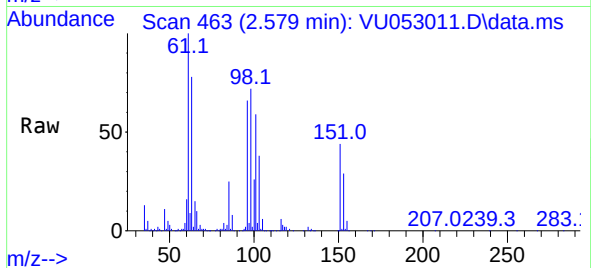




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.474 ug/L
RT: 2.579 min Scan# 463
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

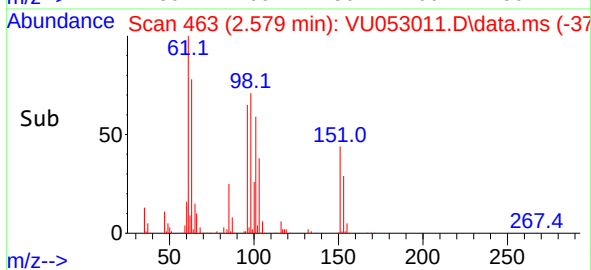
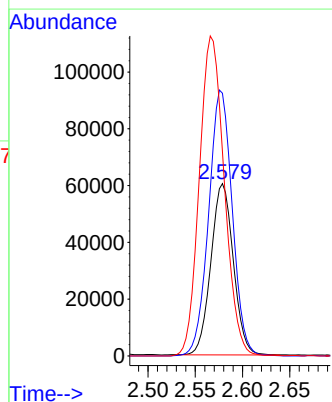
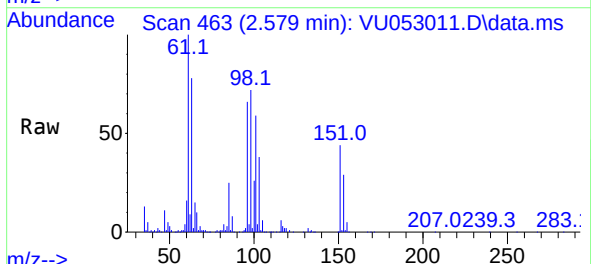
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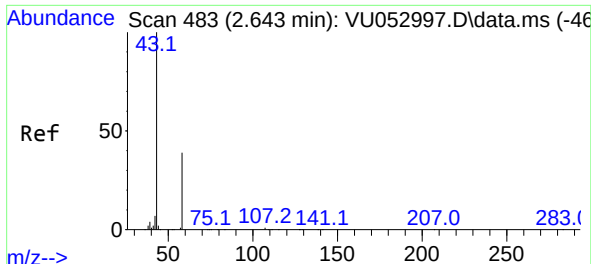
Tgt Ion:101 Resp: 102473
Ion Ratio Lower Upper
101 100
85 42.7 32.9 49.3
151 76.0 62.6 94.0



#12
1,1-Dichloroethene
Concen: 48.436 ug/L
RT: 2.579 min Scan# 463
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion: 96 Resp: 99613
Ion Ratio Lower Upper
96 100
61 152.5 114.3 212.3
63 118.7 80.6 149.6

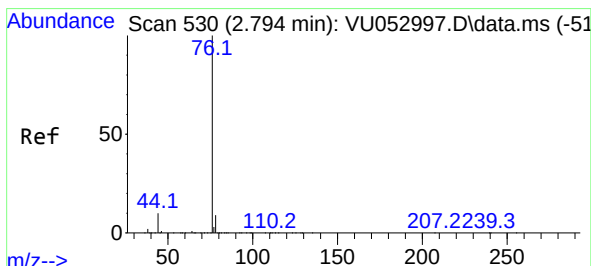
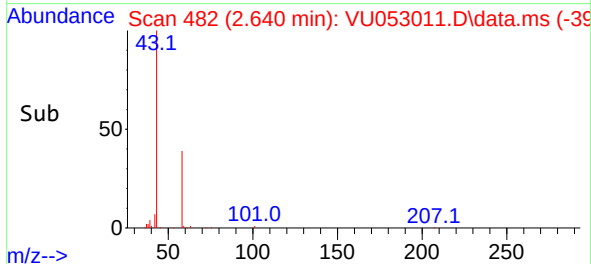
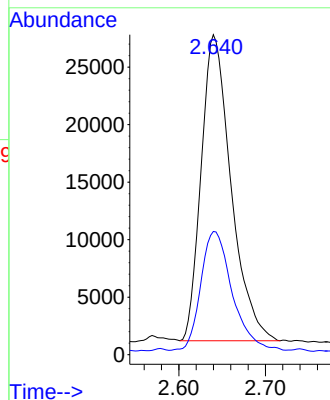
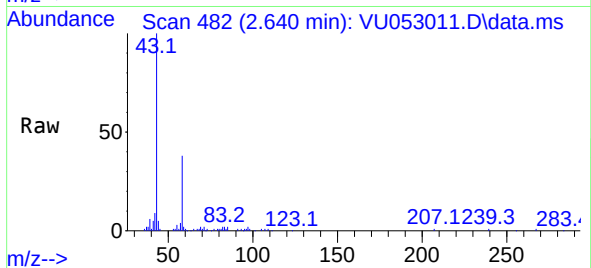




#13
Acetone
Concen: 62.461 ug/L
RT: 2.640 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

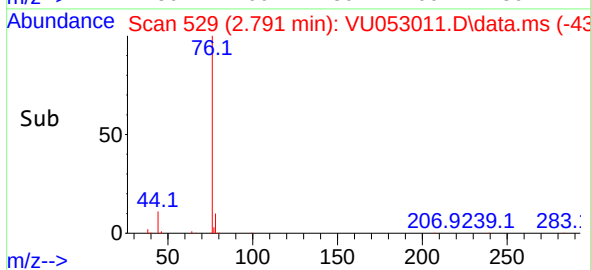
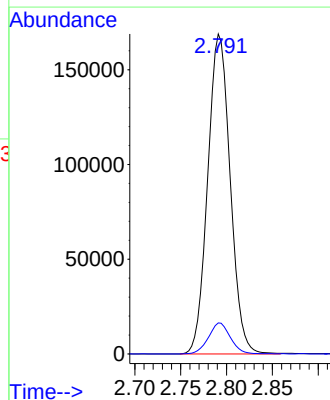
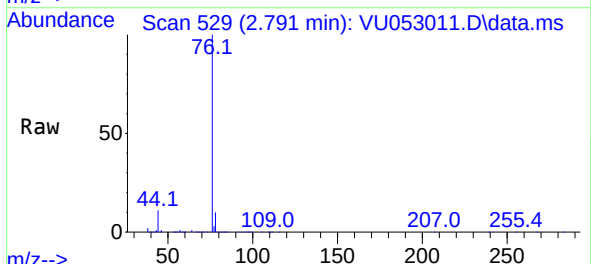
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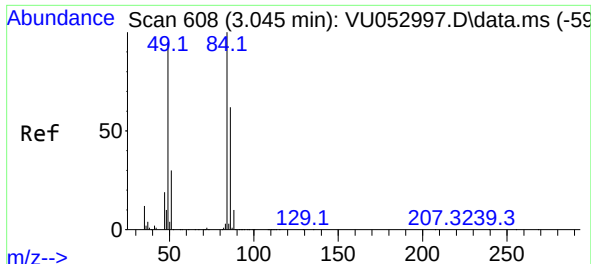
Tgt Ion: 43 Resp: 63832
Ion Ratio Lower Upper
43 100
58 40.4 0.0 70.2



#14
Carbon disulfide
Concen: 47.165 ug/L
RT: 2.791 min Scan# 529
Delta R.T. -0.003 min
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Acq: 08 Feb 2023 20:27

Tgt Ion: 76 Resp: 288610
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

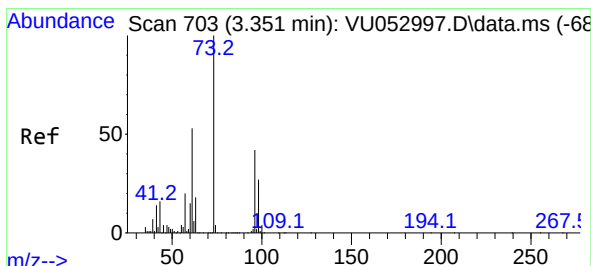
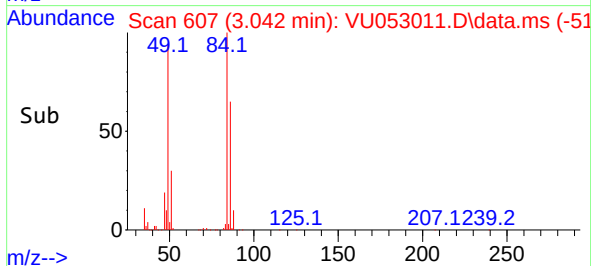
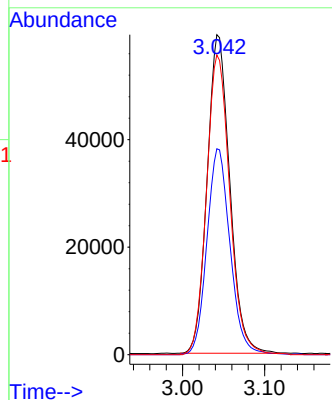
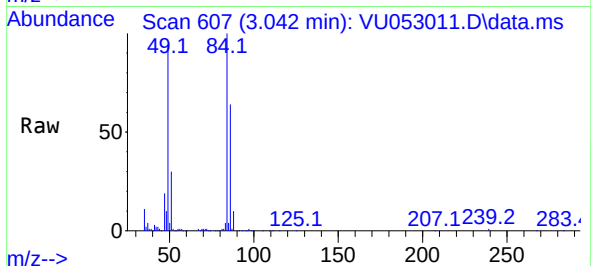




#16
Methylene chloride
Concen: 45.789 ug/L
RT: 3.042 min Scan# 608
Delta R.T. -0.003 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

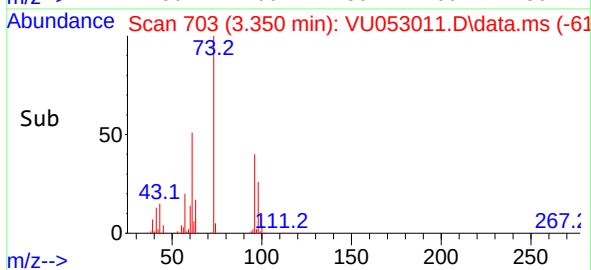
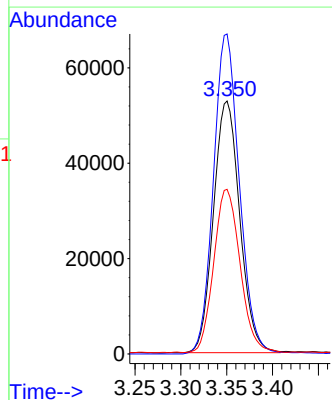
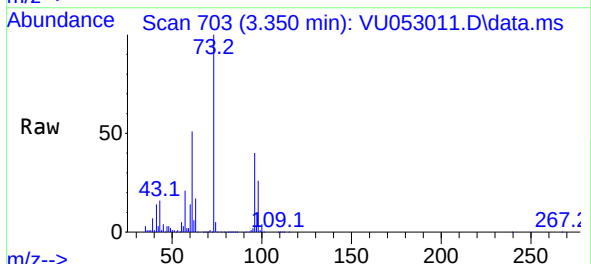
Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

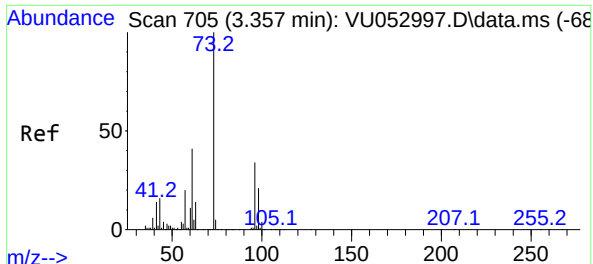
Tgt Ion: 84 Resp: 113661
Ion Ratio Lower Upper
84 100
86 64.4 43.4 80.6
49 93.6 72.4 134.5



#17
trans-1,2-Dichloroethene
Concen: 47.996 ug/L
RT: 3.350 min Scan# 703
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion: 96 Resp: 105575
Ion Ratio Lower Upper
96 100
61 126.5 92.7 172.3
98 65.1 44.7 82.9

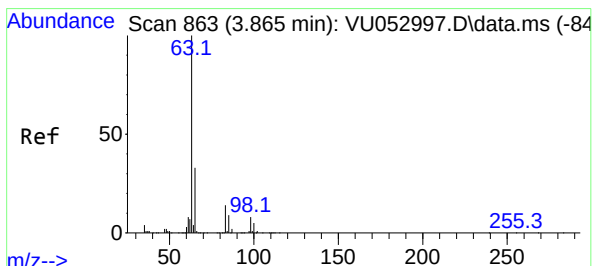
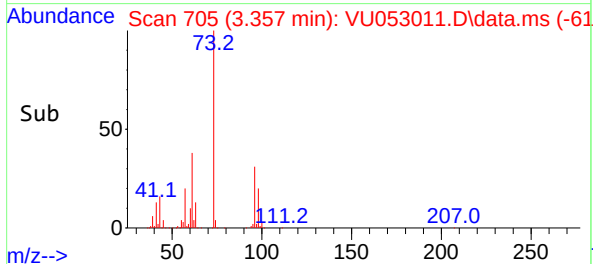
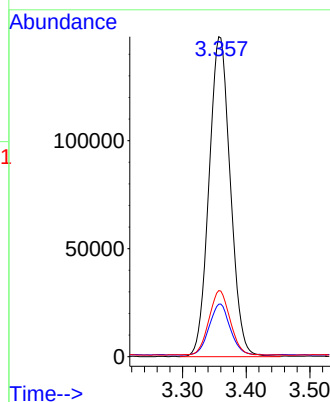
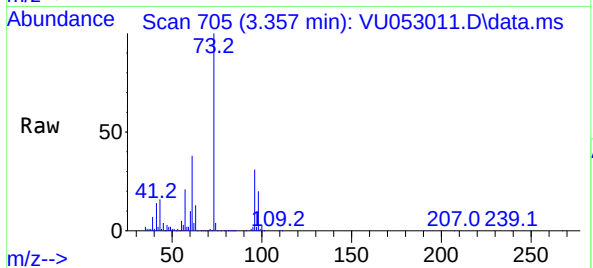




#18
Methyl tert-butyl Ether
Concen: 50.356 ug/L
RT: 3.357 min Scan# 705
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

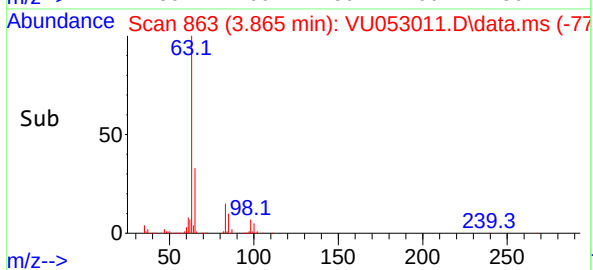
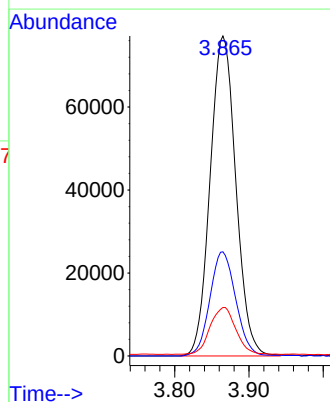
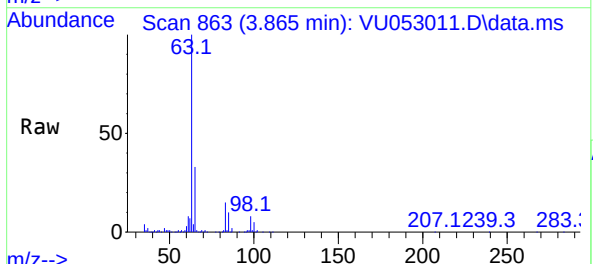
Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

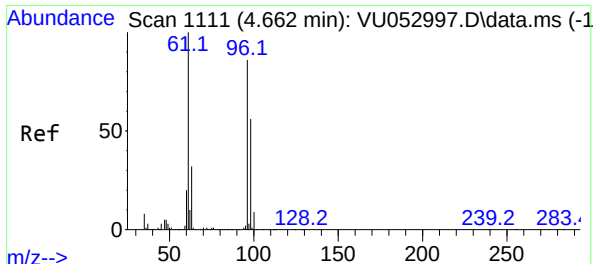
Tgt Ion: 73 Resp: 344627
Ion Ratio Lower Upper
73 100
43 15.8 14.2 21.2
57 19.6 16.3 24.5



#19
1,1-Dichloroethane
Concen: 49.224 ug/L
RT: 3.865 min Scan# 863
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion: 63 Resp: 185579
Ion Ratio Lower Upper
63 100
65 32.6 22.4 41.6
83 15.2 9.2 17.2

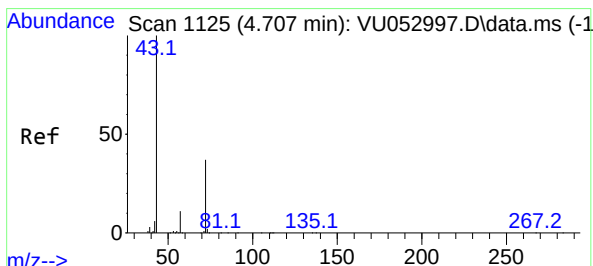
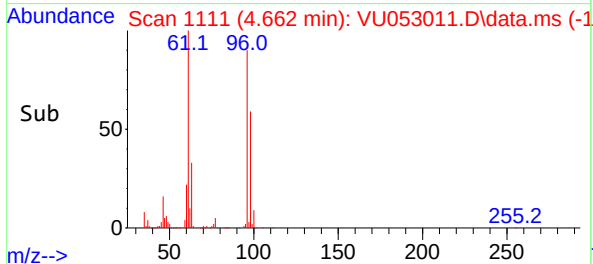
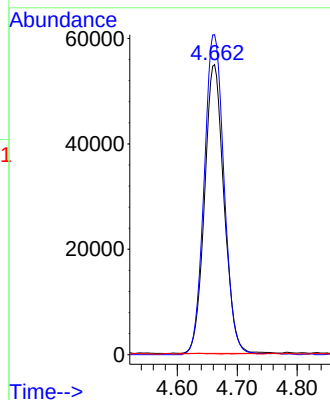
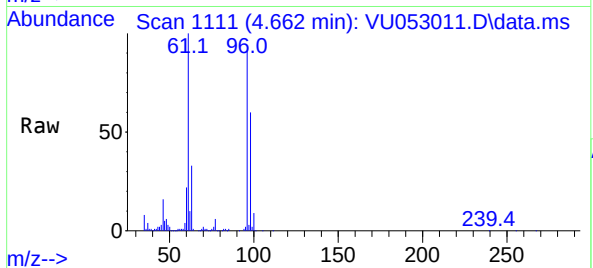




#20
cis-1,2-Dichloroethene
Concen: 49.904 ug/L
RT: 4.662 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

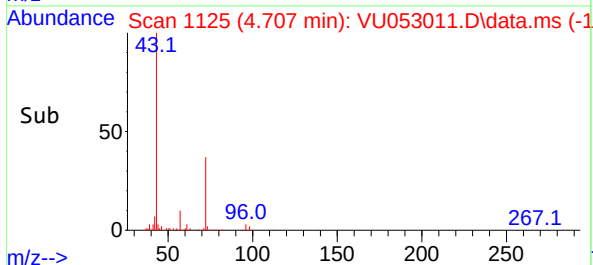
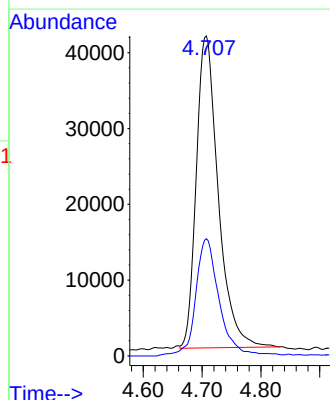
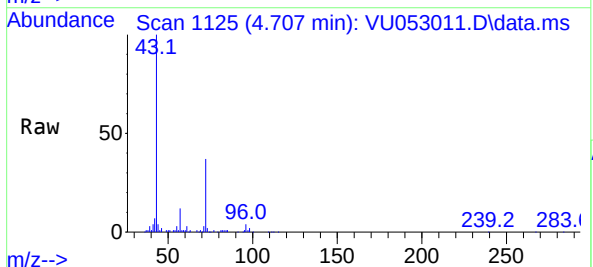
Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

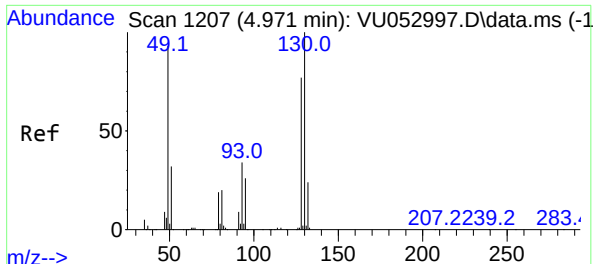
Tgt Ion: 96 Resp: 123858
Ion Ratio Lower Upper
96 100
61 110.3 84.1 156.1
68 0.3 0.0 0.0#



#22
2-Butanone
Concen: 88.831 ug/L
RT: 4.707 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion: 43 Resp: 106870
Ion Ratio Lower Upper
43 100
72 38.9 15.5 46.5



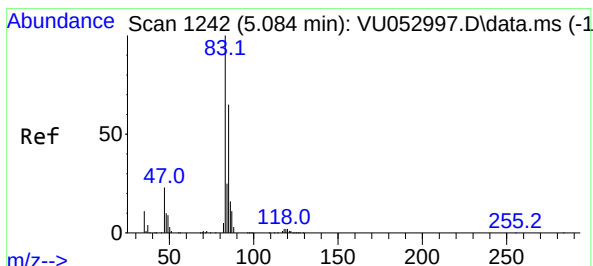
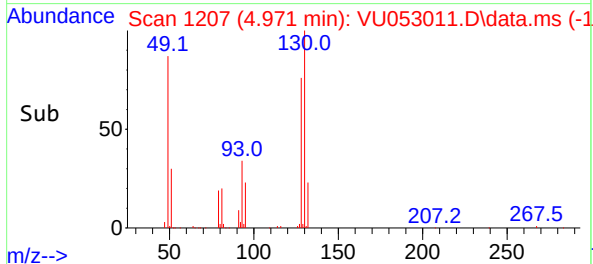
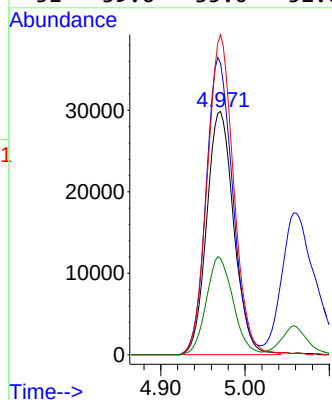
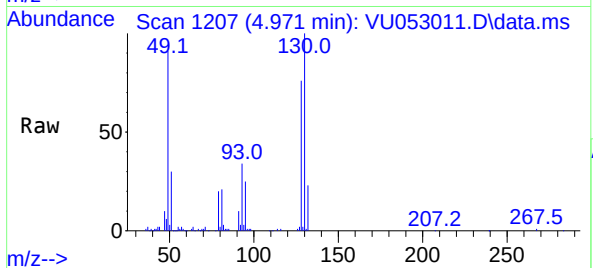


#23
Bromochloromethane
Concen: 49.923 ug/L
RT: 4.971 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

Tgt Ion:128 Resp: 66814

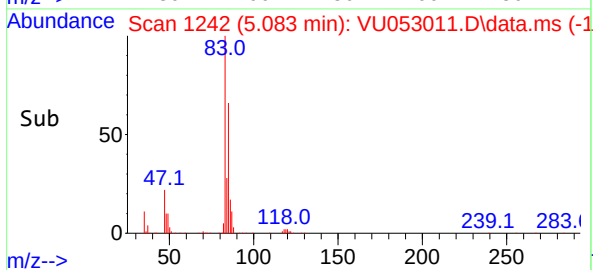
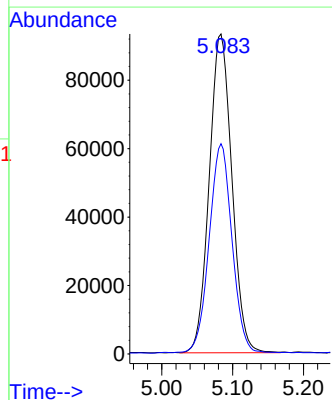
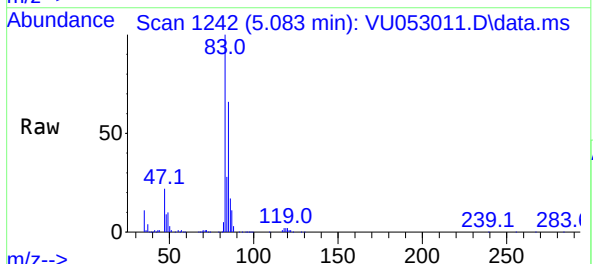
Ion	Ratio	Lower	Upper
128	100		
49	119.8	90.1	167.3
130	131.5	90.1	167.3
51	39.6	35.0	52.6

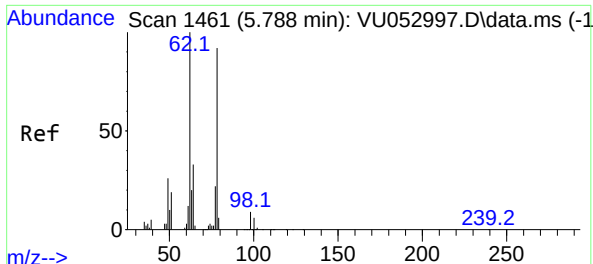


#25
Chloroform
Concen: 49.049 ug/L
RT: 5.083 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion: 83 Resp: 206747

Ion	Ratio	Lower	Upper
83	100		
85	65.7	45.8	85.0

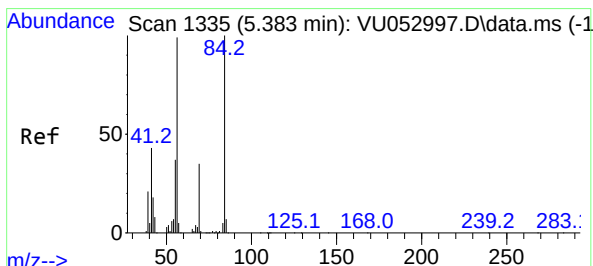
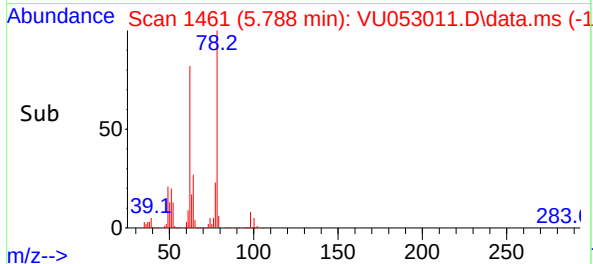
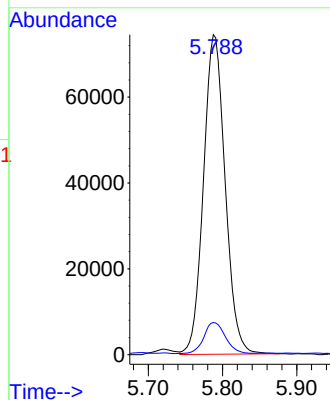
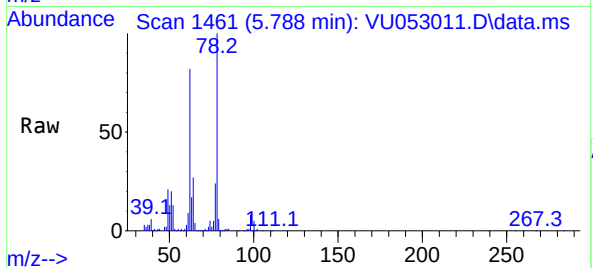




#27
1,2-Dichloroethane
Concen: 50.086 ug/L
RT: 5.788 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

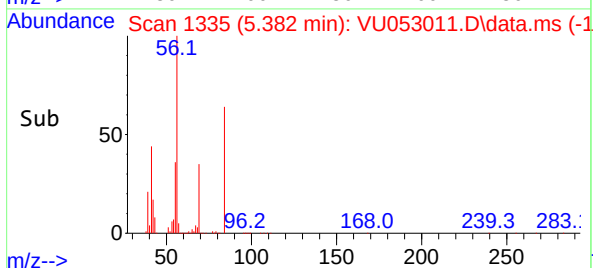
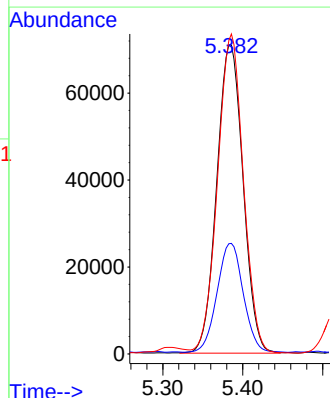
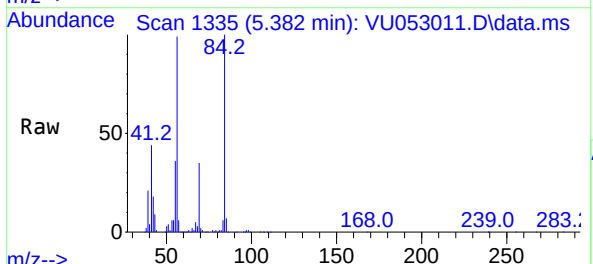
Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

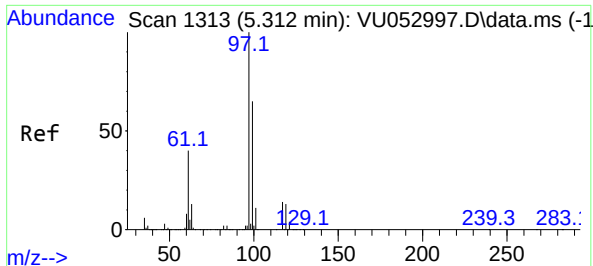
Tgt Ion: 62 Resp: 150917
Ion Ratio Lower Upper
62 100
98 10.1 7.6 11.4



#29
Cyclohexane
Concen: 46.459 ug/L
RT: 5.382 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion: 56 Resp: 161977
Ion Ratio Lower Upper
56 100
69 35.1 26.6 40.0
84 101.7 77.0 115.4

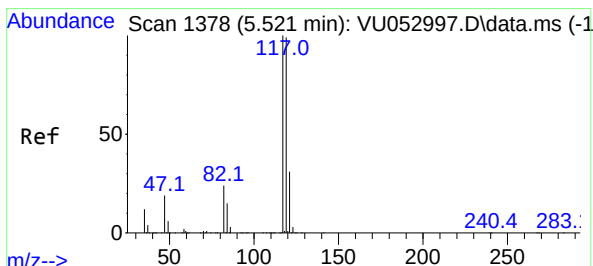
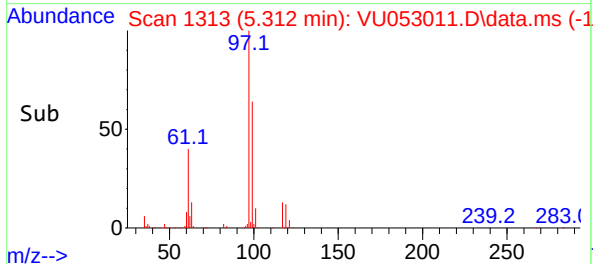
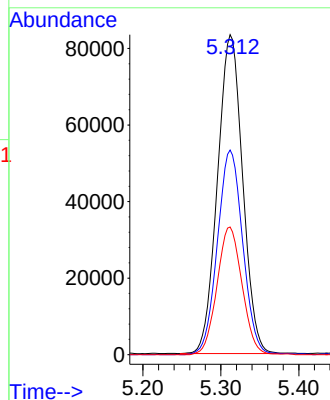
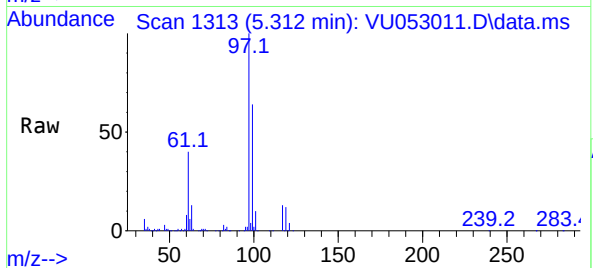




#30
1,1,1-Trichloroethane
Concen: 48.948 ug/L
RT: 5.312 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

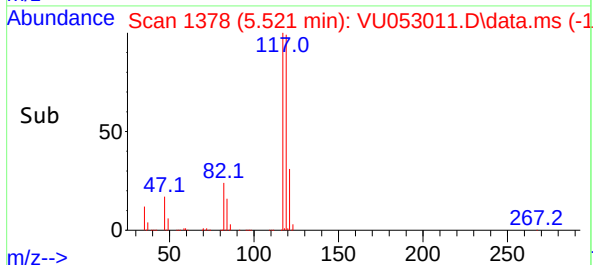
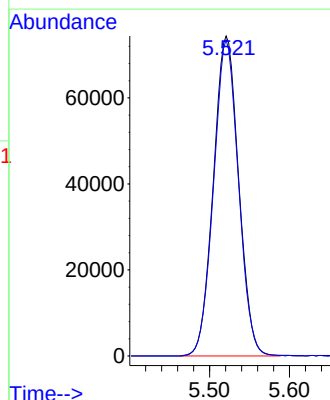
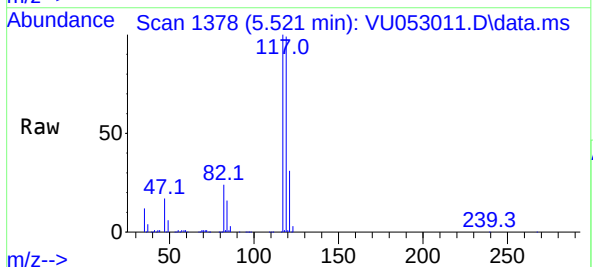
Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

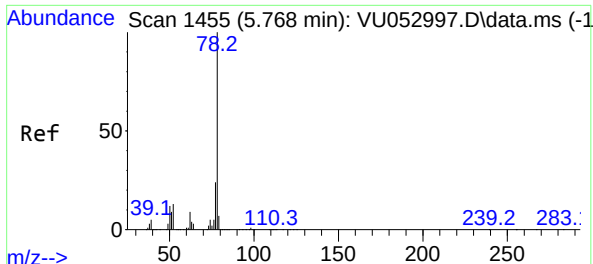
Tgt Ion: 97 Resp: 186723
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 39.8 33.0 49.6



#31
Carbon tetrachloride
Concen: 48.787 ug/L
RT: 5.521 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion: 117 Resp: 163175
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.4

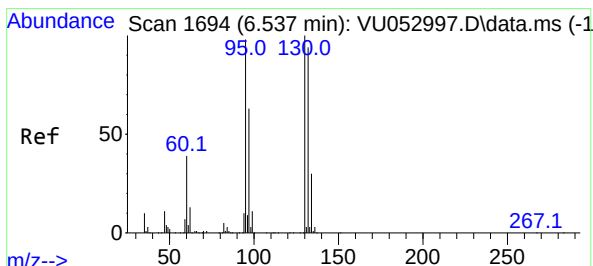
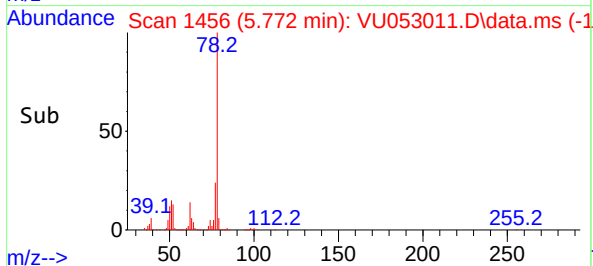
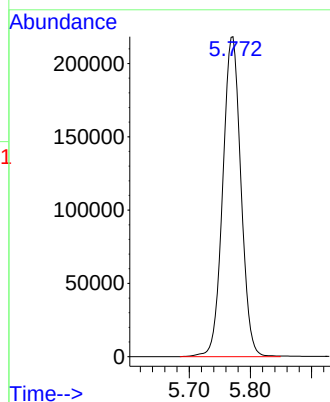
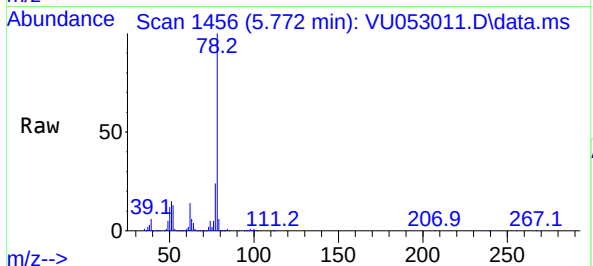




#33
Benzene
Concen: 49.484 ug/L
RT: 5.772 min Scan# 1456
Delta R.T. 0.003 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

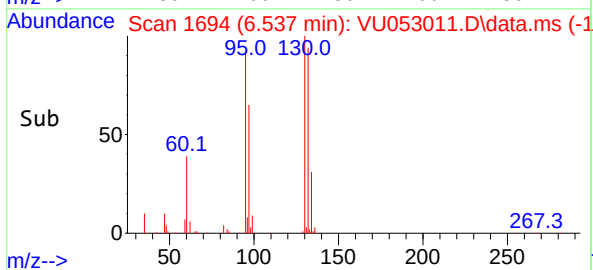
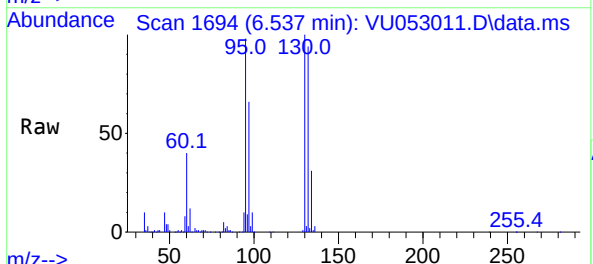
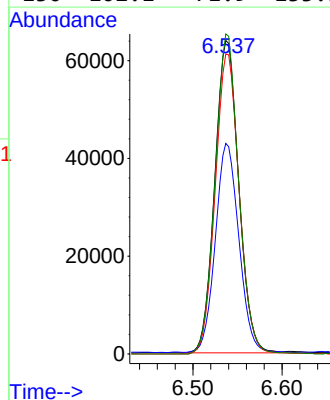
Tgt Ion: 78 Resp: 450174

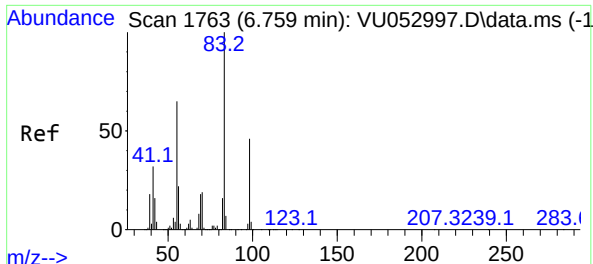


#34
Trichloroethene
Concen: 48.234 ug/L
RT: 6.537 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion: 95 Resp: 119335

Ion	Ratio	Lower	Upper
95	100		
97	67.2	44.5	82.7
132	95.7	66.8	124.0
130	102.1	71.9	133.5



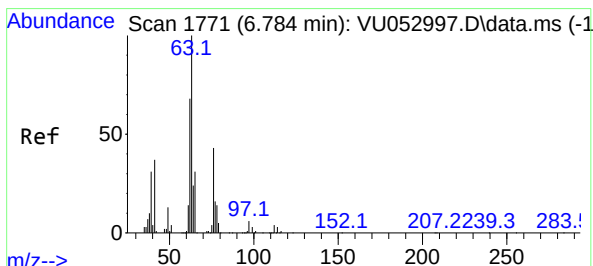
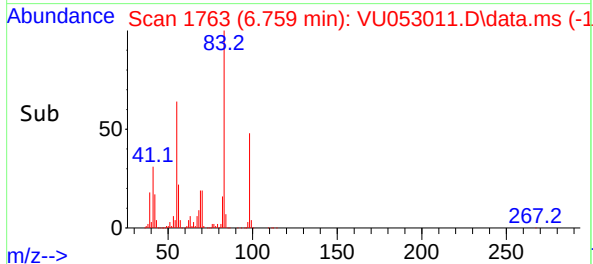
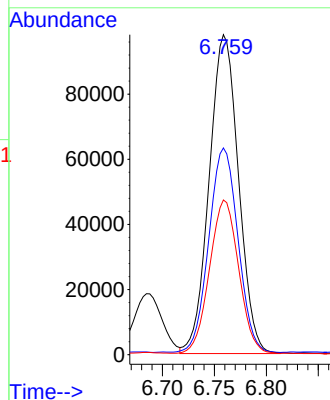
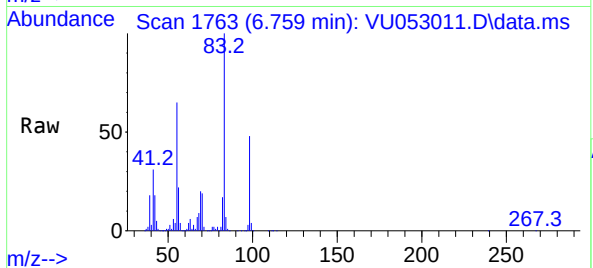


#35
Methylcyclohexane
Concen: 45.767 ug/L
RT: 6.759 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

Tgt Ion: 83 Resp: 192280

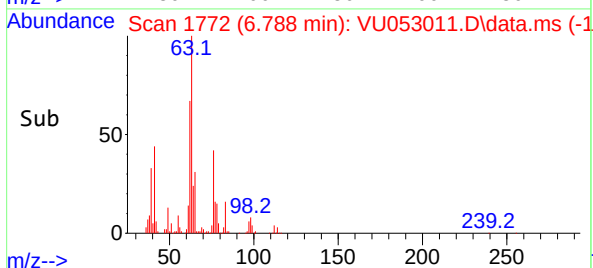
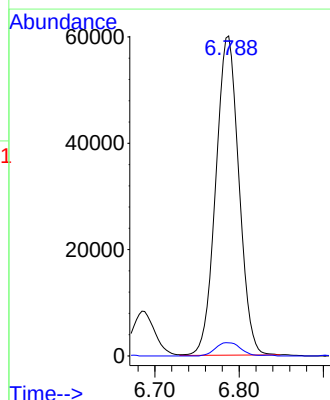
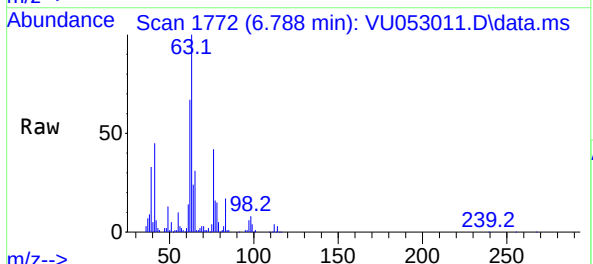
Ion	Ratio	Lower	Upper
83	100		
55	63.8	57.1	85.7
98	47.9	38.9	58.3

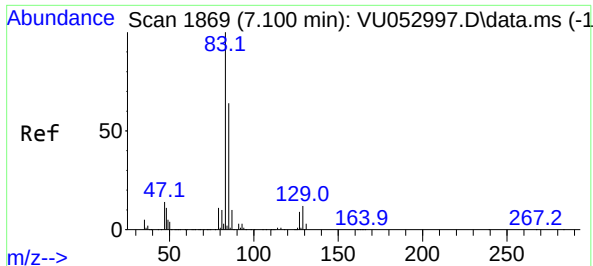


#37
1,2-Dichloropropane
Concen: 49.501 ug/L
RT: 6.788 min Scan# 1772
Delta R.T. 0.003 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion: 63 Resp: 114171

Ion	Ratio	Lower	Upper
63	100		
112	4.6	3.8	5.8

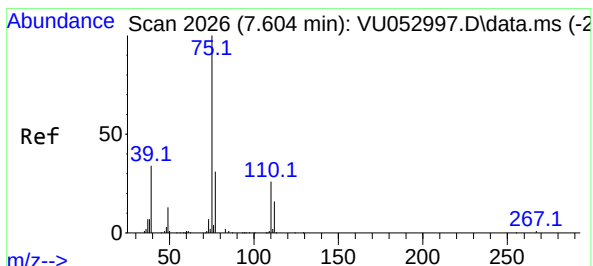
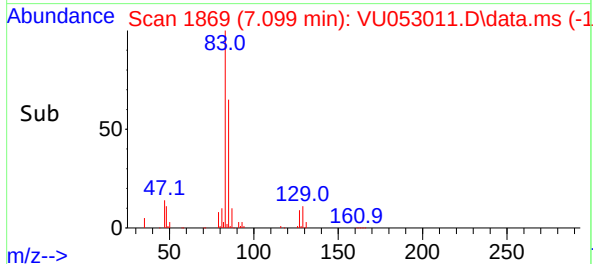
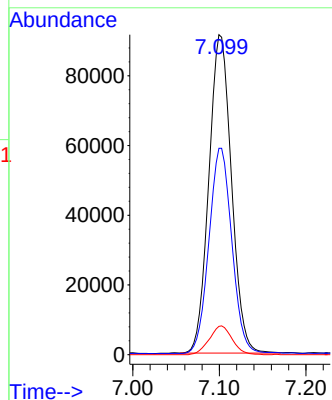
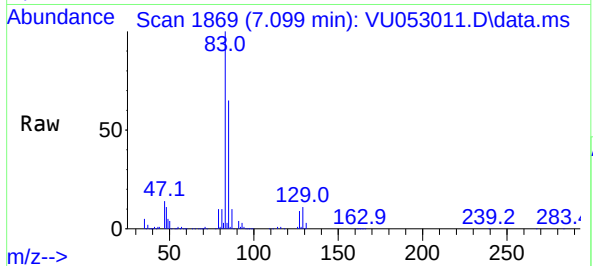




#38
Bromodichloromethane
Concen: 49.715 ug/L
RT: 7.099 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

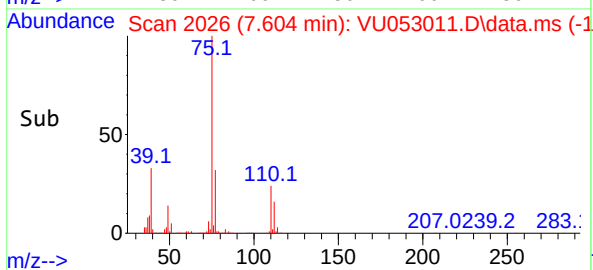
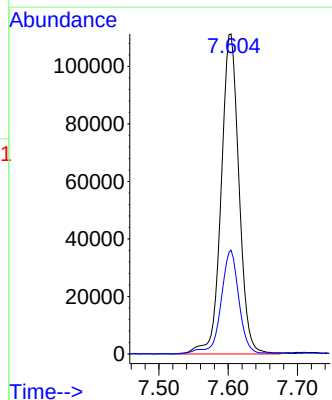
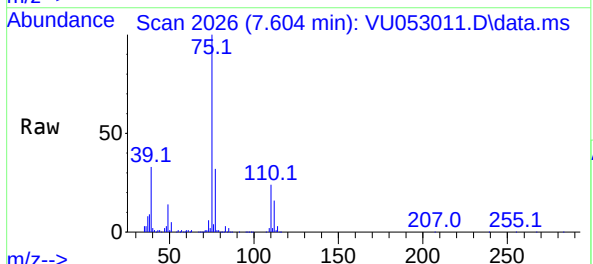
Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

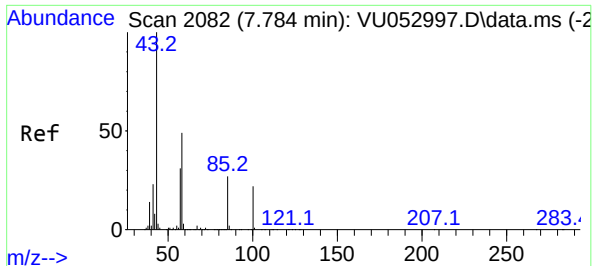
Tgt Ion: 83 Resp: 165672
Ion Ratio Lower Upper
83 100
85 64.5 45.2 84.0
127 8.9 7.4 11.0



#39
cis-1,3-Dichloropropene
Concen: 50.298 ug/L
RT: 7.604 min Scan# 2026
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion: 75 Resp: 199421
Ion Ratio Lower Upper
75 100
77 32.4 21.6 40.0





#40

4-Methyl-2-pentanone

Concen: 100.139 ug/L

RT: 7.788 min Scan# 2082

Delta R.T. 0.003 min

Lab File: VU053011.D

Acq: 08 Feb 2023 20:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD050153

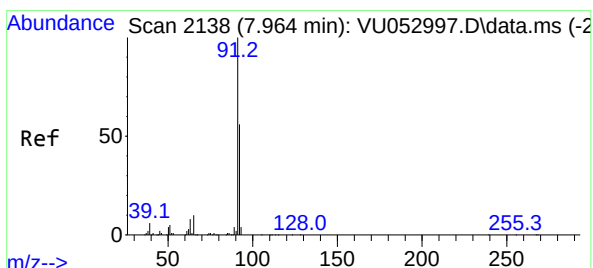
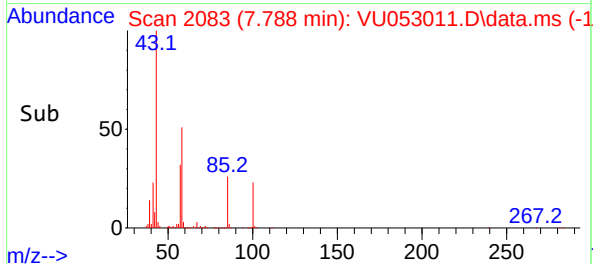
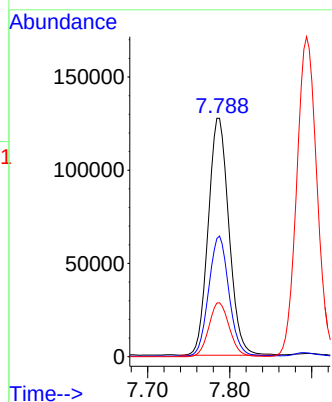
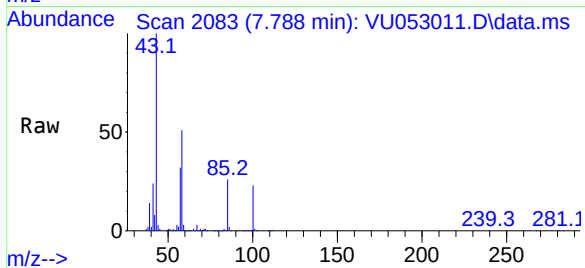
Tgt Ion: 43 Resp: 223665

Ion Ratio Lower Upper

43 100

58 49.5 35.4 53.2

100 22.6 16.0 24.0



#42

Toluene

Concen: 48.368 ug/L

RT: 7.964 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU053011.D

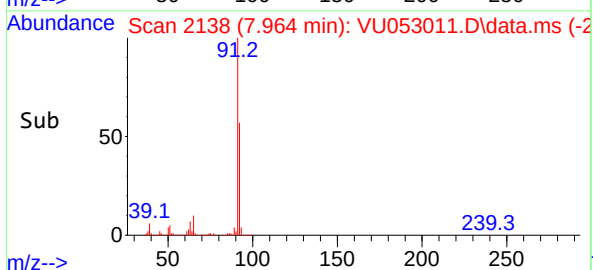
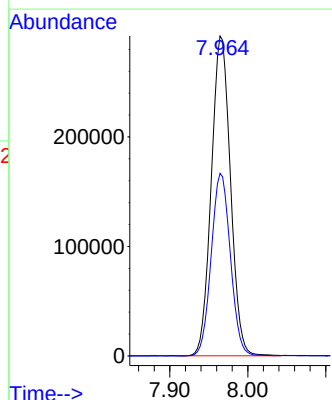
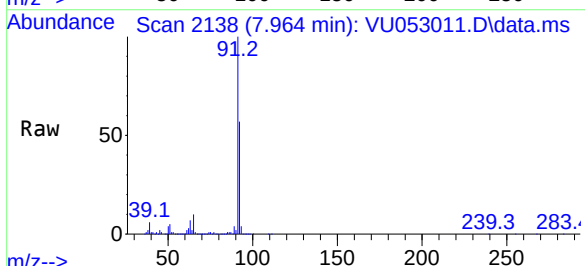
Acq: 08 Feb 2023 20:27

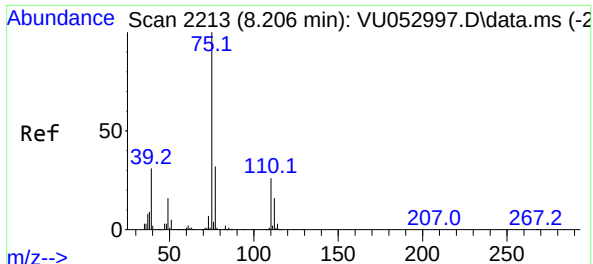
Tgt Ion: 91 Resp: 498529

Ion Ratio Lower Upper

91 100

92 57.1 42.6 79.0

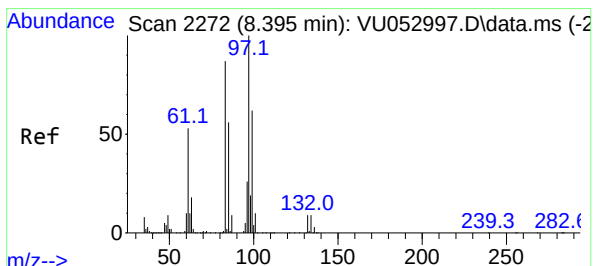
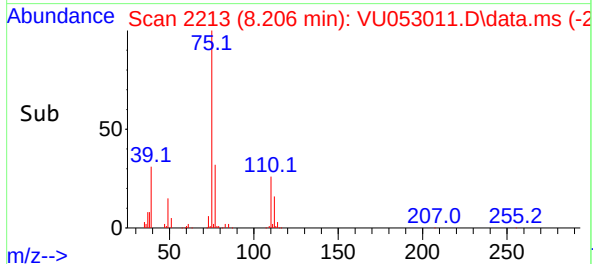
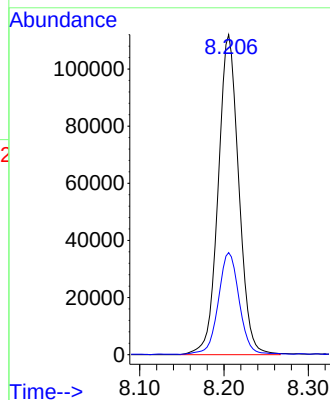
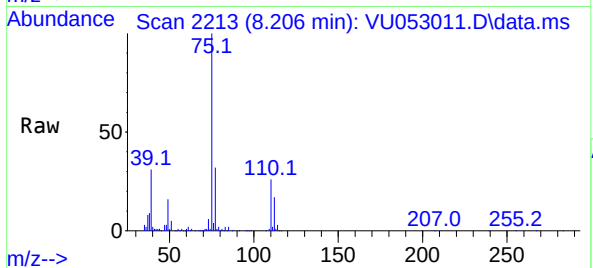




#44
trans-1,3-Dichloropropene
Concen: 49.304 ug/L
RT: 8.206 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

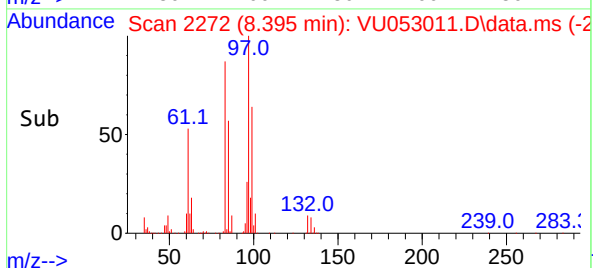
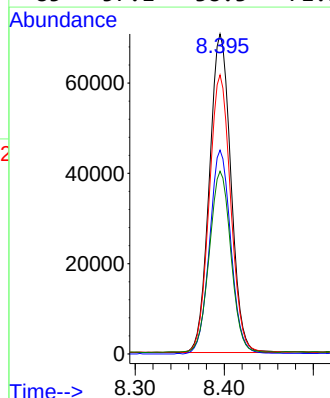
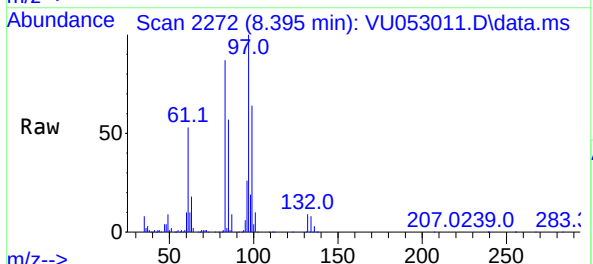
Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

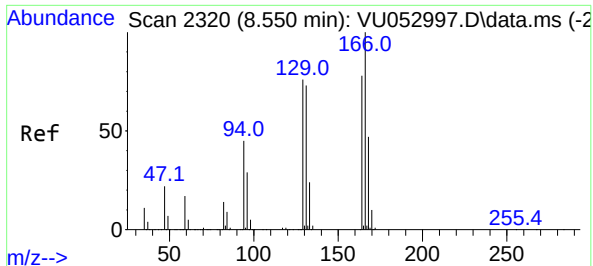
Tgt Ion: 75 Resp: 189496
Ion Ratio Lower Upper
75 100
77 31.9 22.3 41.3



#45
1,1,2-Trichloroethane
Concen: 49.752 ug/L
RT: 8.395 min Scan# 2272
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion: 97 Resp: 118194
Ion Ratio Lower Upper
97 100
99 63.7 44.7 83.1
83 87.2 60.3 112.1
85 57.1 38.3 71.1





#46

Tetrachloroethene

Concen: 47.824 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053011.D

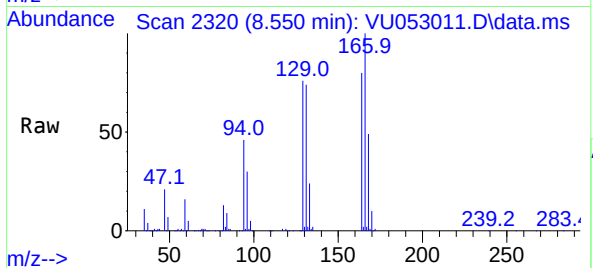
Acq: 08 Feb 2023 20:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD050153



Tgt Ion:164 Resp: 93706

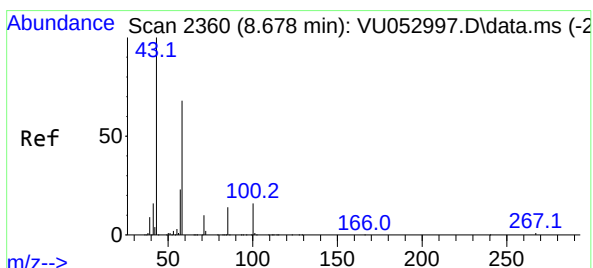
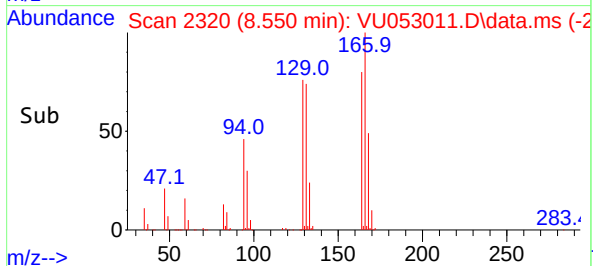
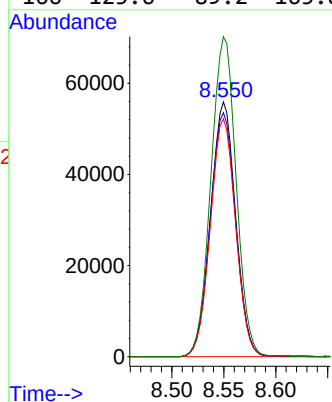
Ion Ratio Lower Upper

164 100

129 95.8 64.8 120.3

131 93.4 61.2 113.6

166 125.6 89.2 165.8



#48

2-Hexanone

Concen: 97.045 ug/L

RT: 8.681 min Scan# 2361

Delta R.T. 0.003 min

Lab File: VU053011.D

Acq: 08 Feb 2023 20:27

Tgt Ion: 43 Resp: 172800

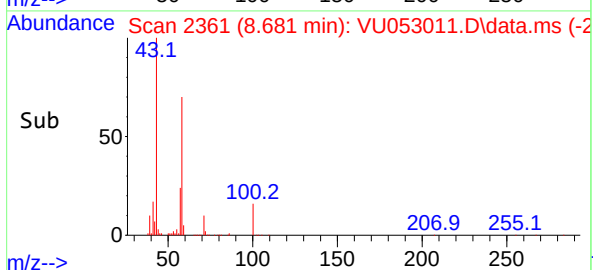
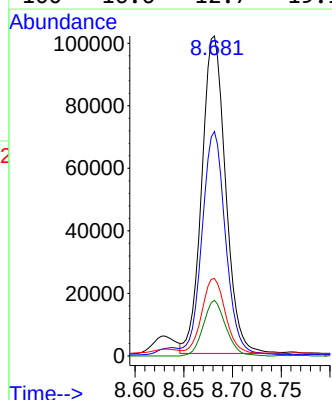
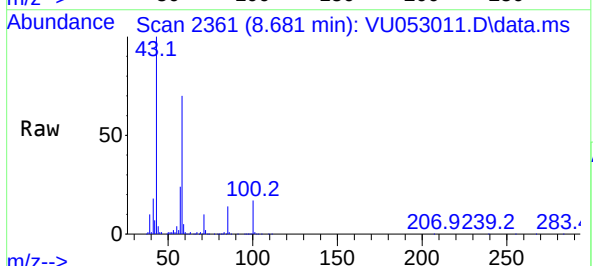
Ion Ratio Lower Upper

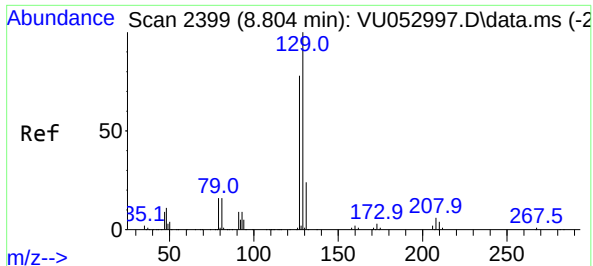
43 100

58 68.9 48.0 72.0

57 23.6 16.8 25.2

100 16.6 12.7 19.1

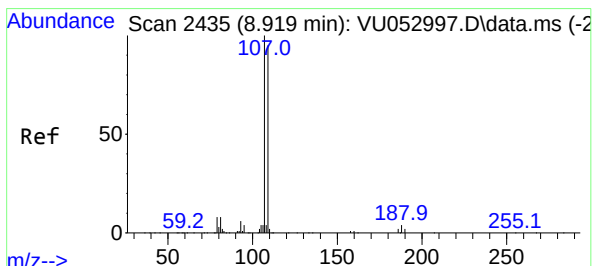
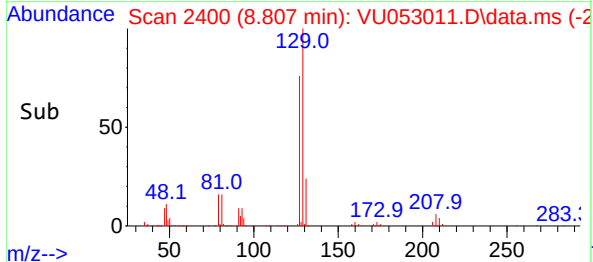
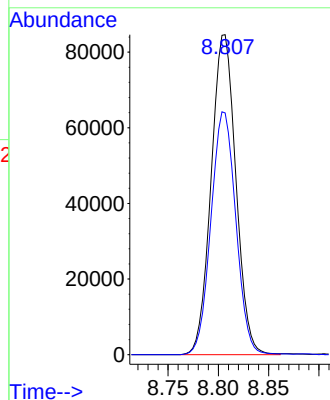
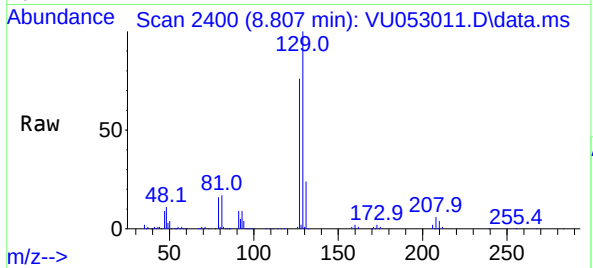




#49
Dibromochloromethane
Concen: 50.482 ug/L
RT: 8.807 min Scan# 2400
Delta R.T. 0.003 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

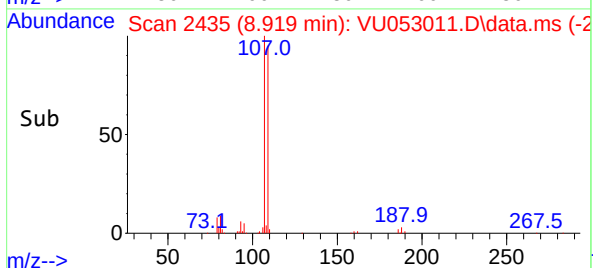
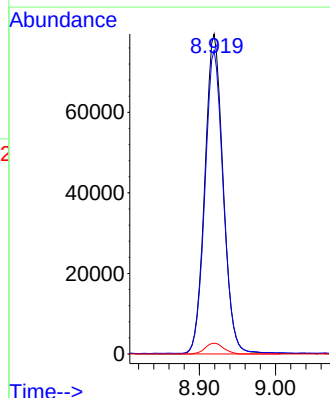
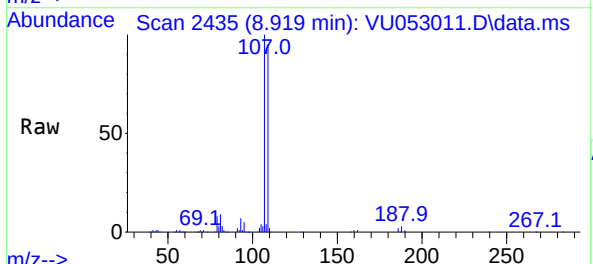
Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

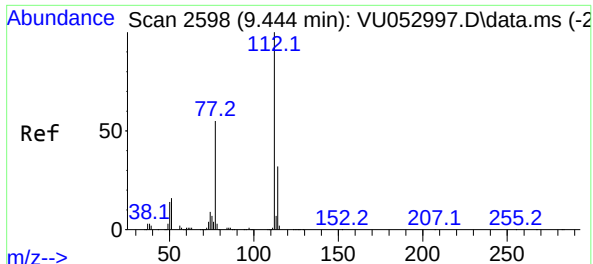
Tgt Ion:129 Resp: 144886
Ion Ratio Lower Upper
129 100
127 75.5 53.2 98.8



#50
1,2-Dibromoethane
Concen: 51.308 ug/L
RT: 8.919 min Scan# 2435
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion:107 Resp: 133348
Ion Ratio Lower Upper
107 100
109 94.9 65.5 121.6
188 3.3 3.2 4.8

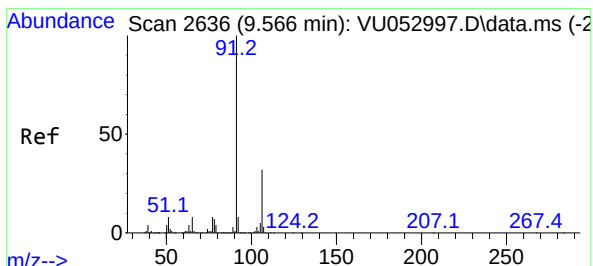
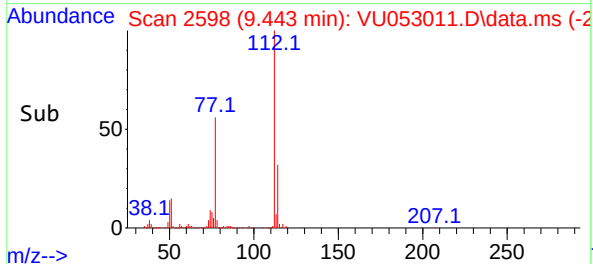
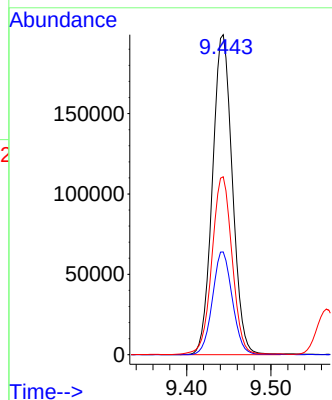
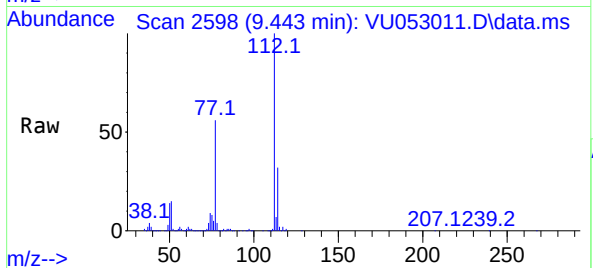




#51
Chlorobenzene
Concen: 49.266 ug/L
RT: 9.443 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

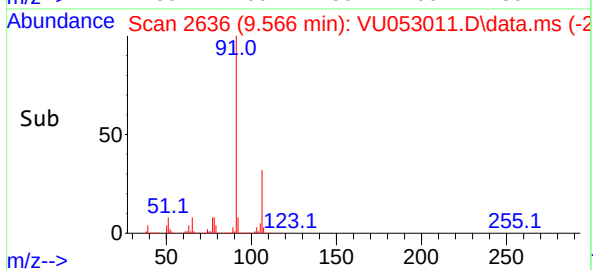
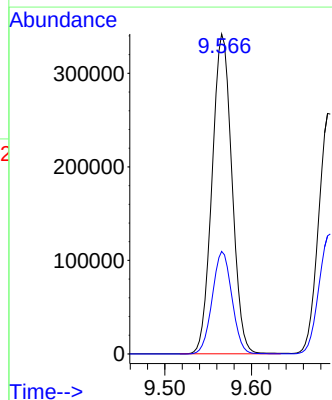
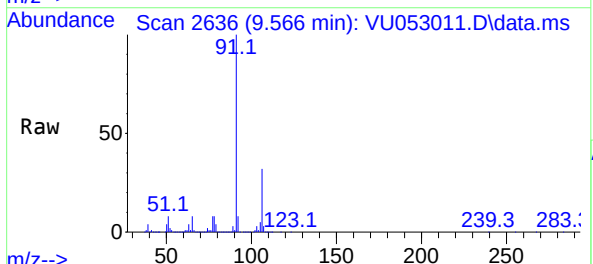
Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

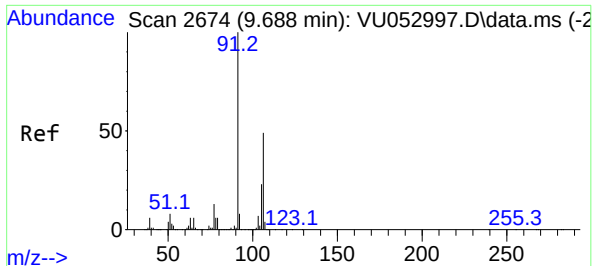
Tgt Ion:112 Resp: 326737
Ion Ratio Lower Upper
112 100
114 32.1 22.8 42.4
77 55.6 45.9 68.9



#52
Ethylbenzene
Concen: 48.041 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion: 91 Resp: 544554
Ion Ratio Lower Upper
91 100
106 32.0 22.0 40.8

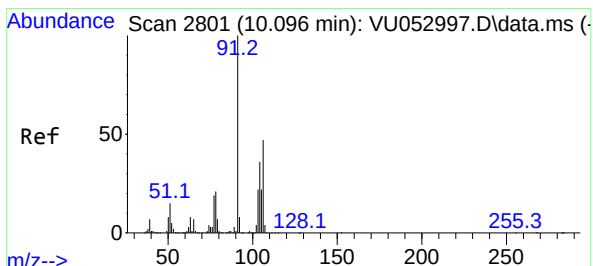
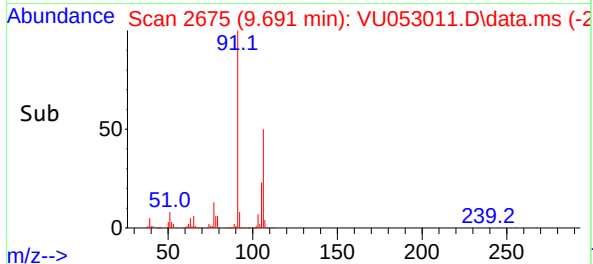
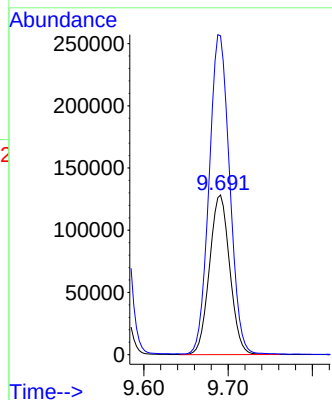
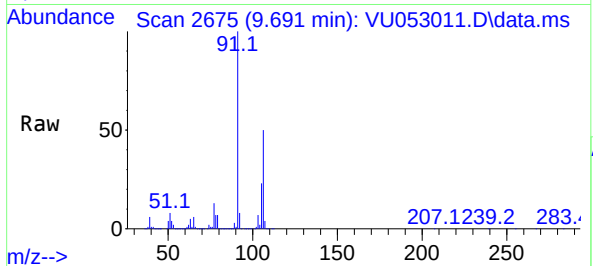




#53
m,p-Xylene
Concen: 47.861 ug/L
RT: 9.691 min Scan# 2675
Delta R.T. 0.003 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

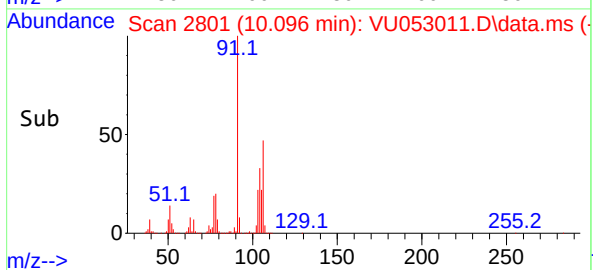
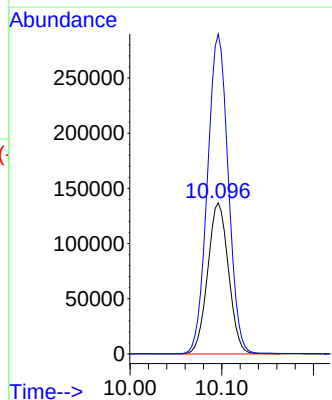
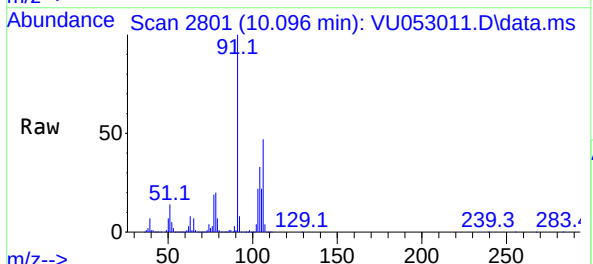
Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

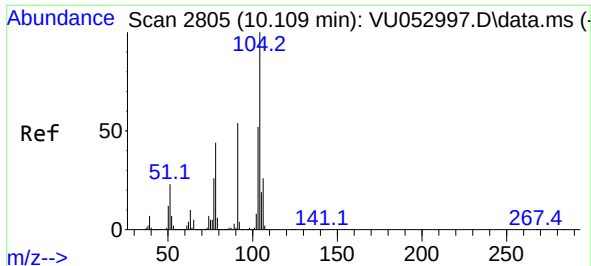
Tgt Ion:106 Resp: 214545
Ion Ratio Lower Upper
106 100
91 199.8 137.4 255.2



#54
o-xylene
Concen: 48.795 ug/L
RT: 10.096 min Scan# 2801
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion:106 Resp: 216042
Ion Ratio Lower Upper
106 100
91 211.8 143.4 266.2

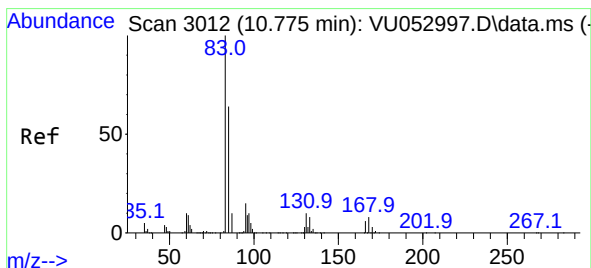
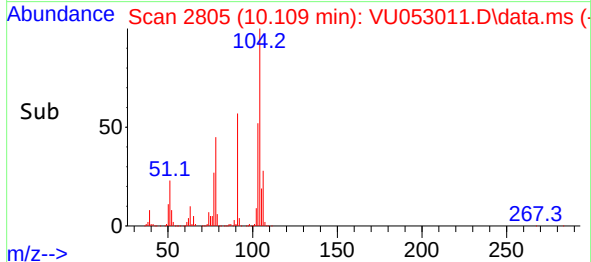
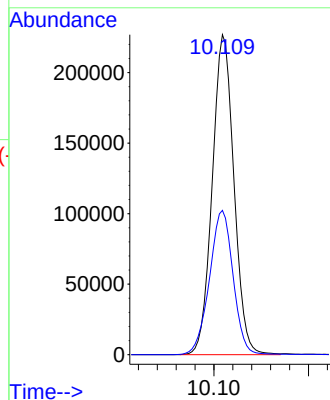
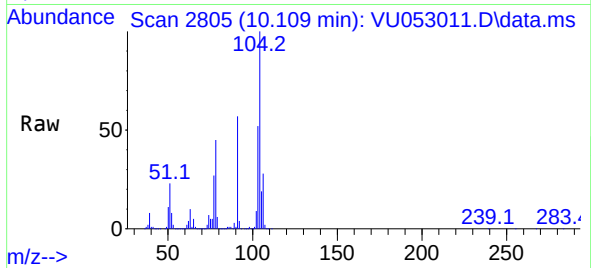




#55
Styrene
Concen: 48.347 ug/L
RT: 10.109 min Scan# 2805
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

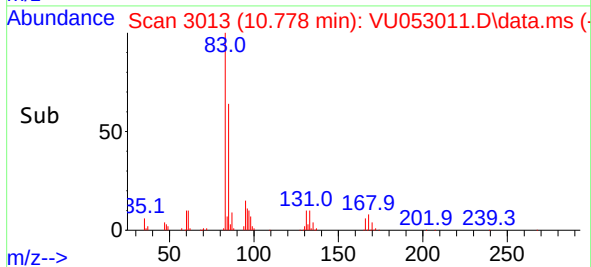
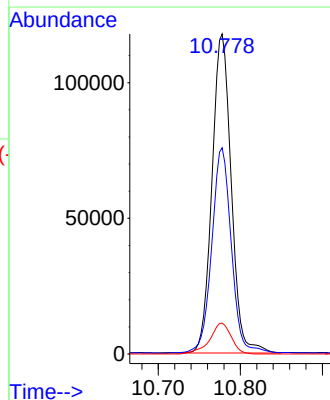
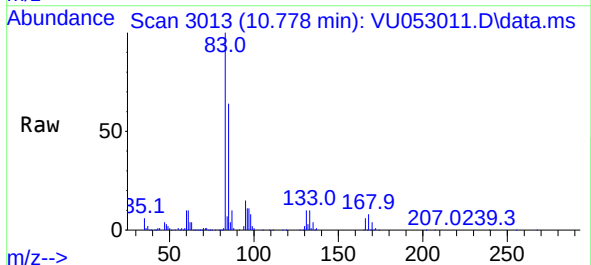
Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

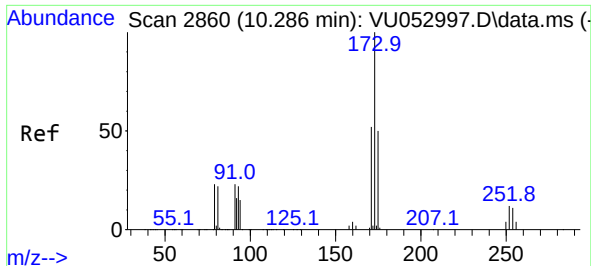
Tgt Ion:104 Resp: 361068
Ion Ratio Lower Upper
104 100
78 45.1 31.9 59.2



#57
1,1,2,2-Tetrachloroethane
Concen: 51.930 ug/L
RT: 10.778 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion: 83 Resp: 192382
Ion Ratio Lower Upper
83 100
85 64.4 45.0 83.6
131 9.6 8.6 12.8

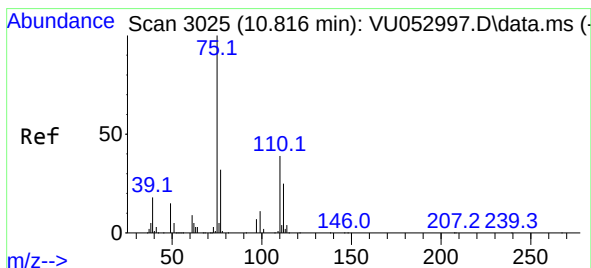
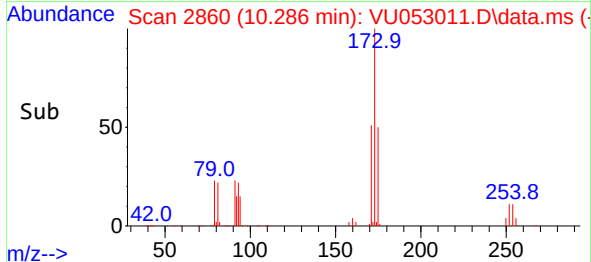
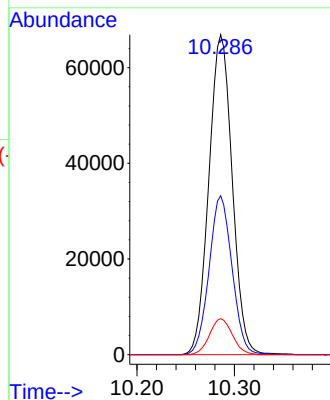
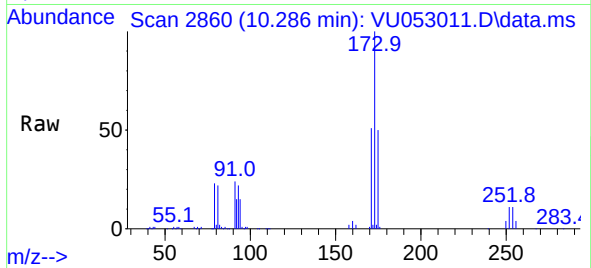




#59
Bromoform
Concen: 52.024 ug/L
RT: 10.286 min Scan# 2860
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

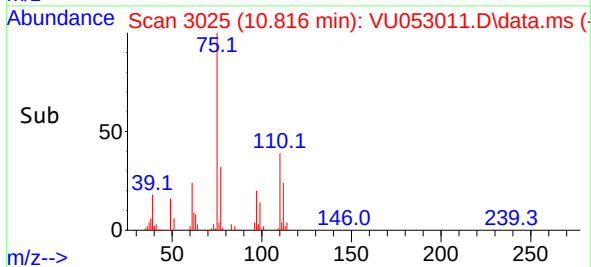
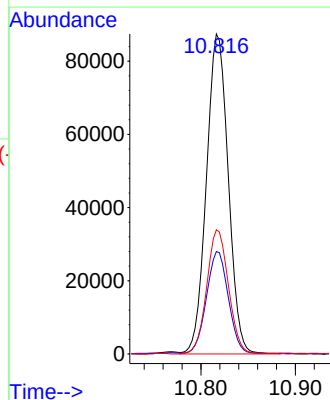
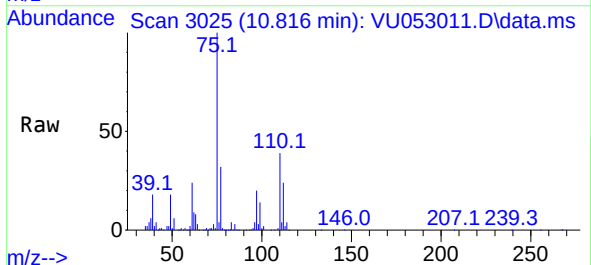
Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

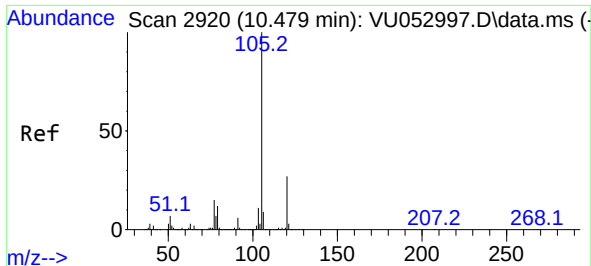
Tgt Ion:173 Resp: 111419
Ion Ratio Lower Upper
173 100
175 48.8 37.7 56.5
254 11.0 8.3 12.5



#60
1,2,3-Trichloropropane
Concen: 52.259 ug/L
RT: 10.816 min Scan# 3025
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion: 75 Resp: 140497
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.8
110 38.7 32.4 48.6

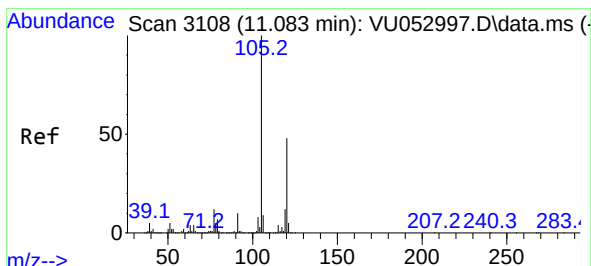
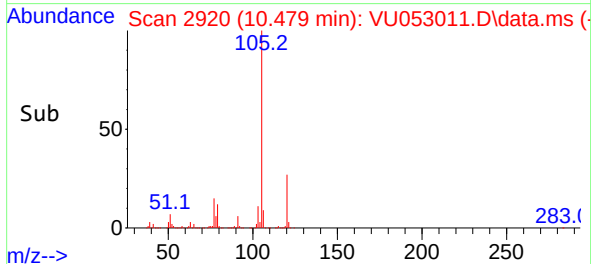
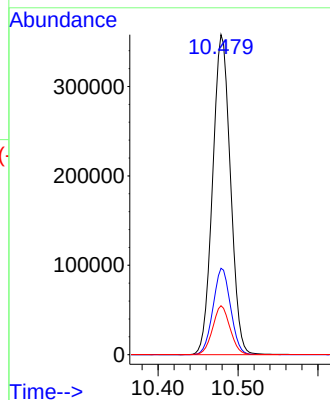
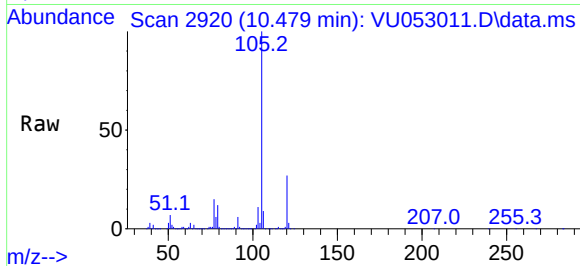




#61
Isopropylbenzene
Concen: 49.164 ug/L
RT: 10.479 min Scan# 2920
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

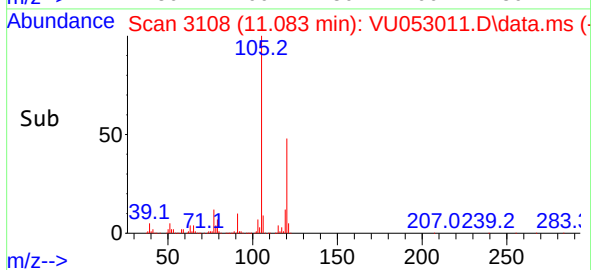
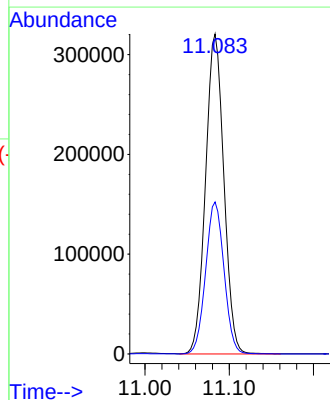
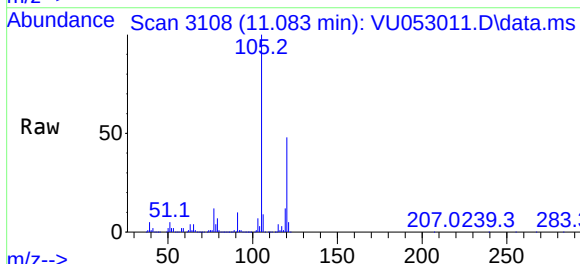
Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

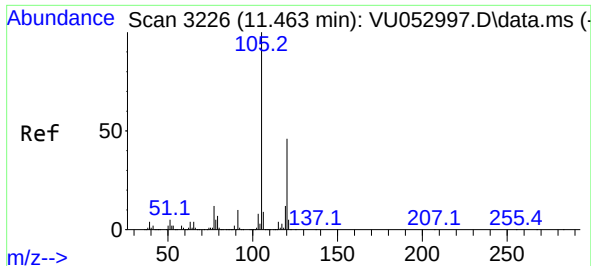
Tgt Ion:105 Resp: 553774
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 15.0 12.2 18.2



#62
1,3,5-Trimethylbenzene
Concen: 48.937 ug/L
RT: 11.083 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion:105 Resp: 485299
Ion Ratio Lower Upper
105 100
120 47.7 40.4 60.6

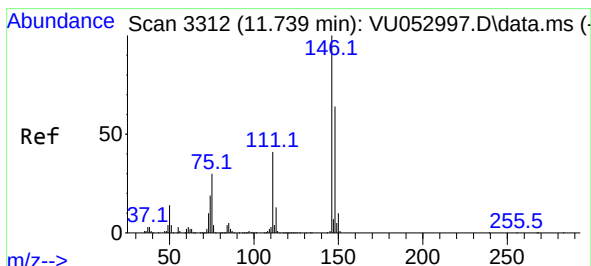
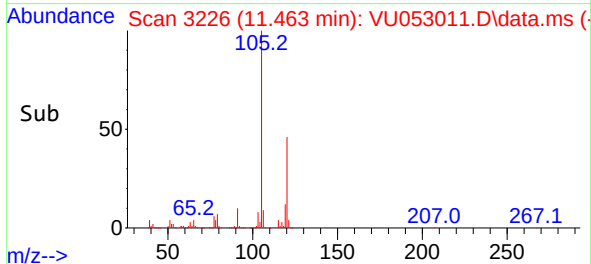
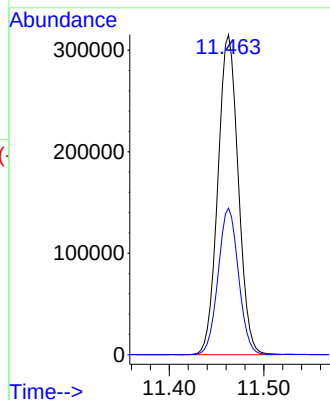
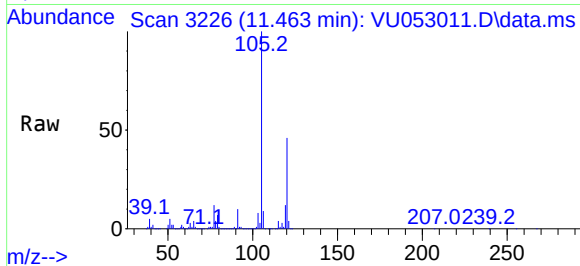




#63
1,2,4-Trimethylbenzene
Concen: 48.877 ug/L
RT: 11.463 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

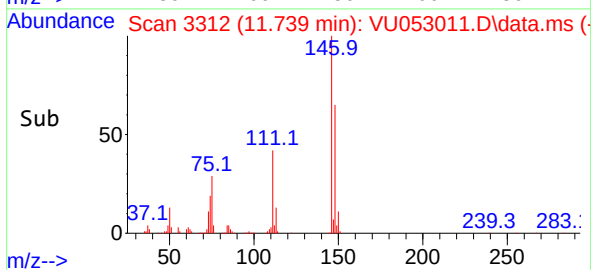
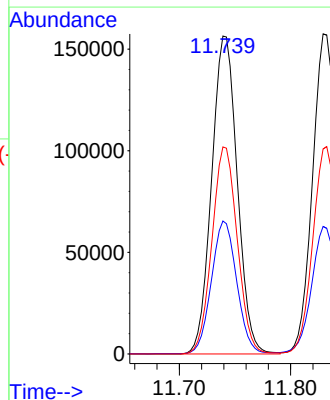
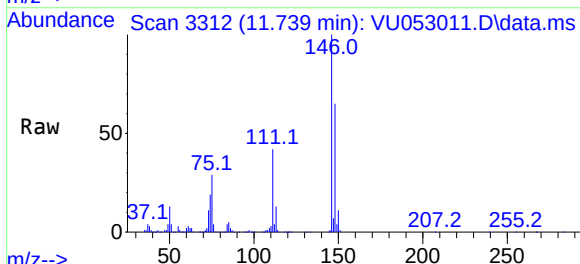
Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

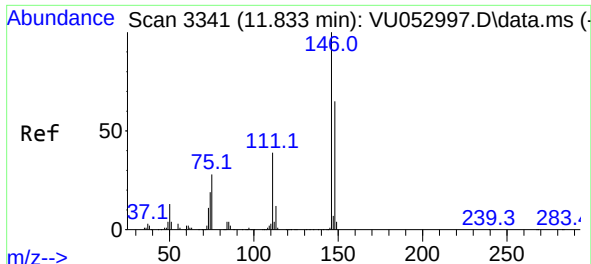
Tgt Ion:105 Resp: 472086
Ion Ratio Lower Upper
105 100
120 45.9 38.1 57.1



#64
1,3-Dichlorobenzene
Concen: 49.242 ug/L
RT: 11.739 min Scan# 3312
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion:146 Resp: 250219
Ion Ratio Lower Upper
146 100
111 41.8 27.8 51.6
148 65.1 45.5 84.5

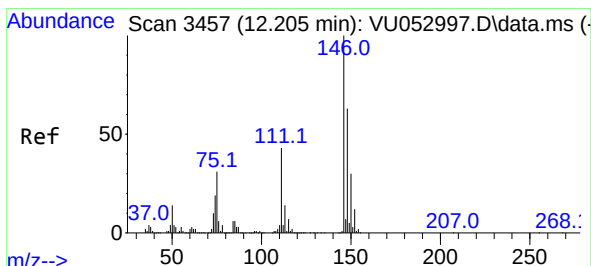
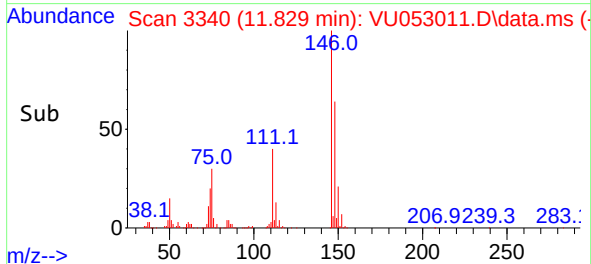
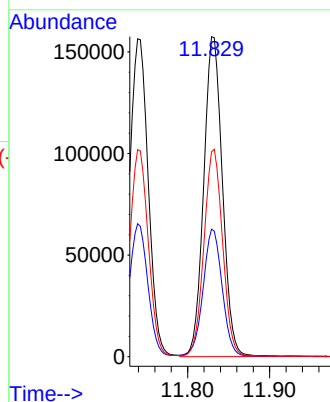
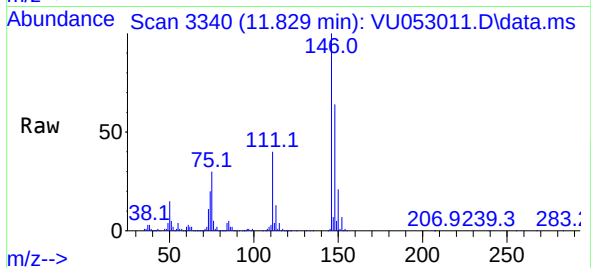




#65
1,4-Dichlorobenzene
Concen: 48.762 ug/L
RT: 11.829 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

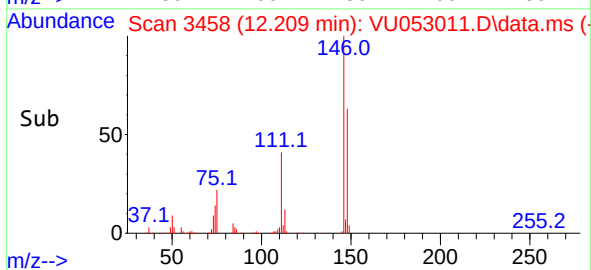
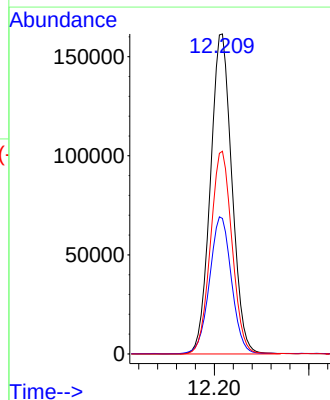
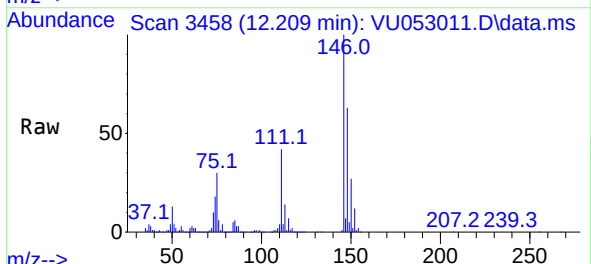
Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

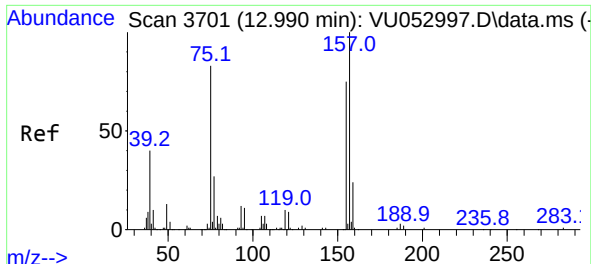
Tgt Ion:146 Resp: 249249
Ion Ratio Lower Upper
146 100
111 39.8 26.7 49.7
148 64.1 45.6 84.6



#67
1,2-Dichlorobenzene
Concen: 49.967 ug/L
RT: 12.209 min Scan# 3458
Delta R.T. 0.003 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion:146 Resp: 254950
Ion Ratio Lower Upper
146 100
111 42.4 33.2 49.8
148 63.4 50.2 75.4

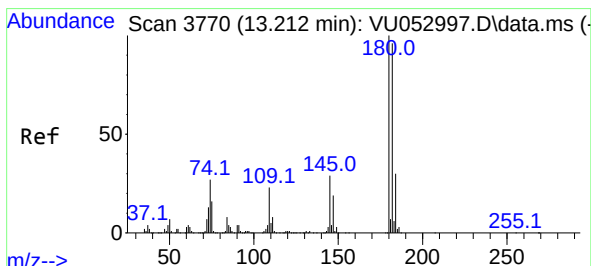
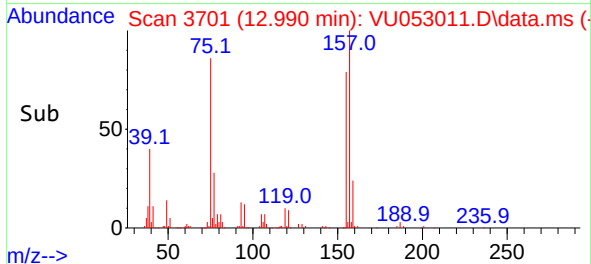
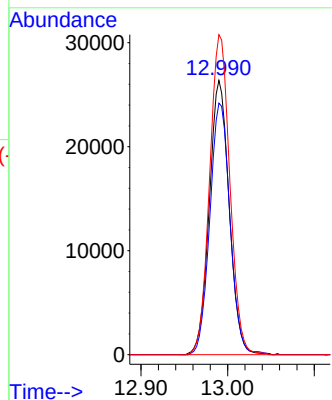
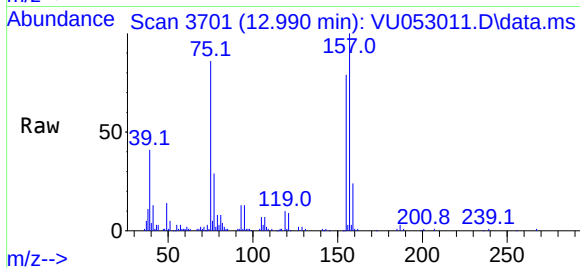




#68
1,2-Dibromo-3-chloropropane
Concen: 51.650 ug/L
RT: 12.990 min Scan# 3701
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

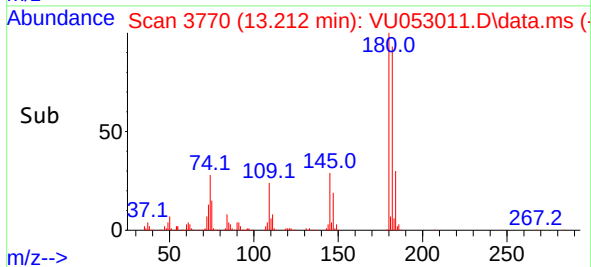
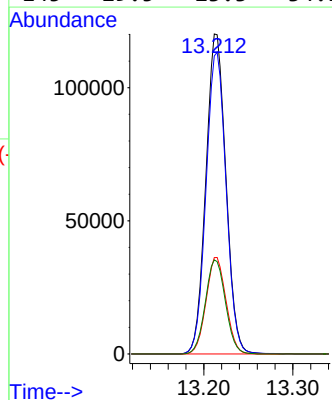
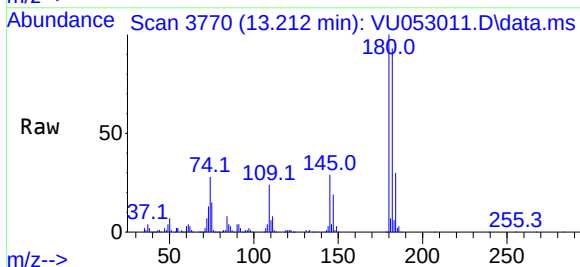
Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

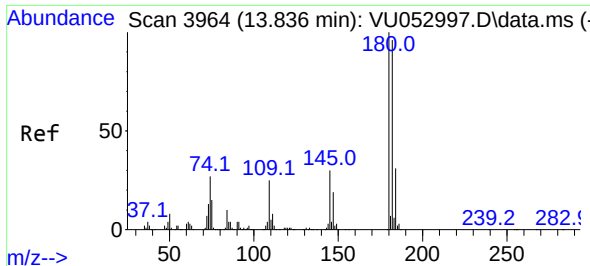
Tgt Ion: 75 Resp: 42228
Ion Ratio Lower Upper
75 100
155 91.7 69.2 103.8
157 116.7 91.2 136.8



#69
1,3,5-Trichlorobenzene
Concen: 47.619 ug/L
RT: 13.212 min Scan# 3770
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

Tgt Ion:180 Resp: 187527
Ion Ratio Lower Upper
180 100
182 94.3 77.0 115.6
184 30.0 24.4 36.6
145 29.5 23.3 34.9

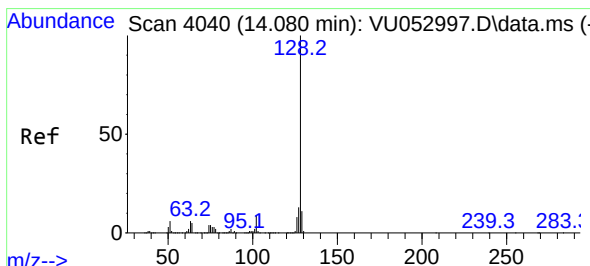
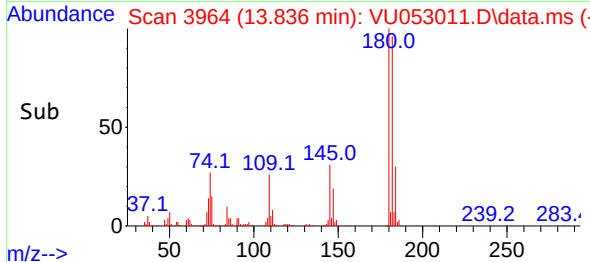
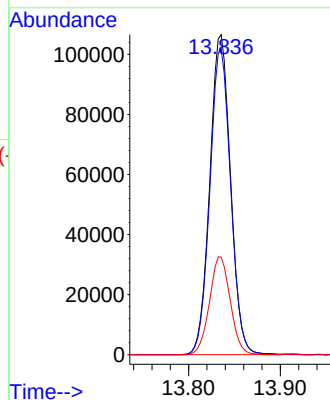
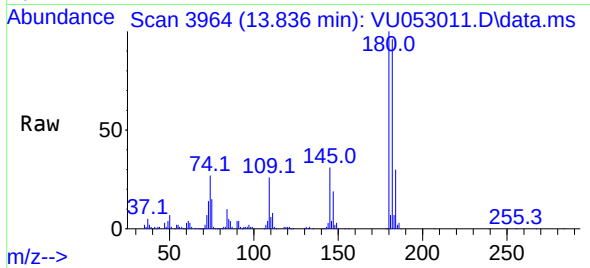




#70
1,2,4-trichlorobenzene
Concen: 47.697 ug/L
RT: 13.836 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

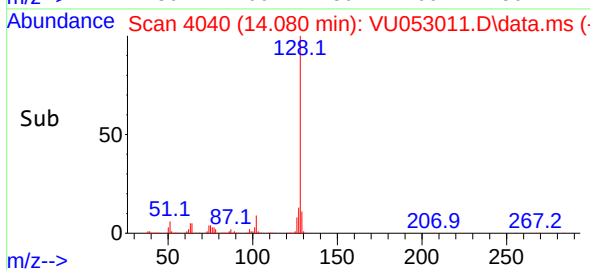
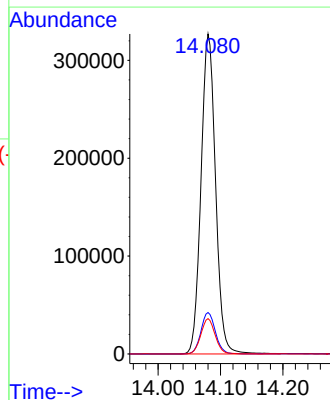
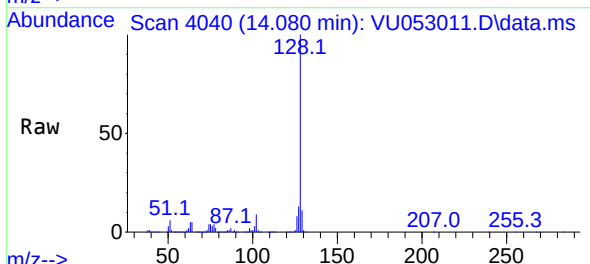
Instrument :
MSVOA_U
ClientSampleId :
VSTD050153

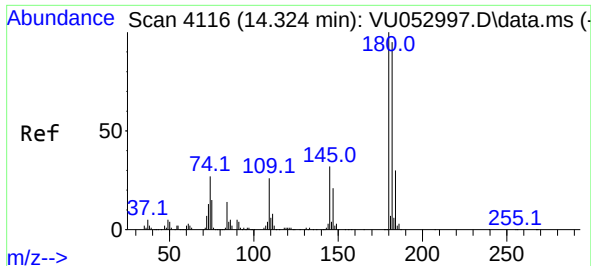
Tgt Ion:180	Resp:	167813
Ion	Ratio	Lower Upper
180	100	
182	95.6	78.2 117.2
145	30.6	23.4 35.2



#71
Naphthalene
Concen: 50.773 ug/L
RT: 14.080 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU053011.D
Acq: 08 Feb 2023 20:27

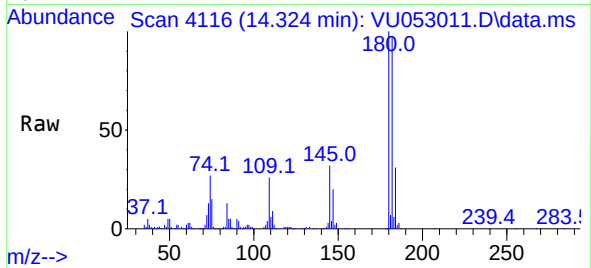
Tgt Ion:128	Resp:	529383
Ion	Ratio	Lower Upper
128	100	
127	12.9	10.3 15.5
129	10.9	8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 48.485 ug/L
 RT: 14.324 min Scan# 4116
 Delta R.T. -0.000 min
 Lab File: VU053011.D
 Acq: 08 Feb 2023 20:27

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050153



Tgt Ion:180 Resp: 167197

Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.5	116.3
145	31.9	24.2	36.4

