

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022023\
 Data File : VU053144.D
 Acq On : 20 Feb 2023 11:35
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005144

Quant Time: Feb 20 13:04:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 19 23:26:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	135544	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	119663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59869	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	24737	3.810	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.913	69	27204	4.457	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.563	65	12092	4.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	4.649	46	113748	57.197	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.400%
24) Chloroform-d	5.058	84	72389	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.698	65	37887	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.723	84	129411	4.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.688	67	47179	5.038	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.894	98	113151	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.177	79	17652	4.656	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.633	63	91657	54.451	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.900%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	42255	5.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	45791	5.120	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	49858	5.010	ug/L	99
3) Chloromethane	1.518	50	51771	4.993	ug/L	99
5) Vinyl chloride	1.601	62	56442	4.941	ug/L	99
6) Bromomethane	1.859	94	29714	4.183	ug/L	97
8) Chloroethane	1.932	64	34262	5.093	ug/L	95
9) Trichlorofluoromethane	2.138	101	74393	4.727	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	44309	5.114	ug/L	99
12) 1,1-Dichloroethene	2.579	96	40978	5.110	ug/L	97
13) Acetone	2.666	43	16485	11.548	ug/L	# 1
14) Carbon disulfide	2.791	76	123955	5.119	ug/L	100
15) Methyl Acetate	2.965	43	13433	3.854	ug/L	# 80
16) Methylene chloride	3.042	84	46585	5.022	ug/L	98
17) Methyl tert-butyl Ether	3.360	73	111416	5.117	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	42763	5.040	ug/L	99
19) 1,1-Dichloroethane	3.865	63	84676	5.299	ug/L	98
21) 2-Butanone	4.730	43	108746	51.565	ug/L	96
22) cis-1,2-Dichloroethene	4.662	96	49162	5.134	ug/L	97
23) Bromochloromethane	4.971	128	20508	5.408	ug/L	99
25) Chloroform	5.083	83	85136	5.096	ug/L	99

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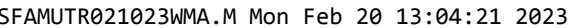
Instrument :
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 ClientSampleId :
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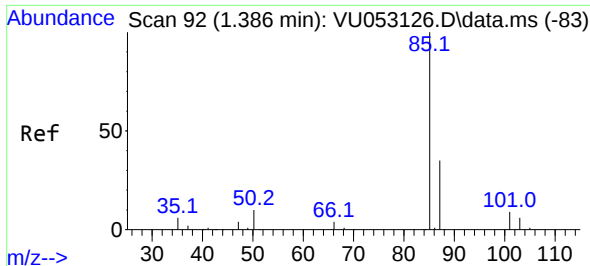
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	52172	5.080	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	72757	5.089	ug/L	97
30) Cyclohexane	5.382	56	76609	5.359	ug/L	99
31) Carbon tetrachloride	5.521	117	62983	5.279	ug/L	97
33) Benzene	5.768	78	184973	5.364	ug/L	100
34) Trichloroethene	6.537	95	50063	5.160	ug/L	98
35) Methylcyclohexane	6.759	83	83513	5.316	ug/L	98
37) 1,2-Dichloropropane	6.788	63	50221	5.349	ug/L	99
38) Bromodichloromethane	7.103	83	60712	4.987	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	76280	5.093	ug/L	99
40) 4-Methyl-2-pentanone	7.791	43	262778	53.612	ug/L	100
42) Toluene	7.964	91	198112	5.289	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	63552	5.144	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	34411	5.087	ug/L	95
47) Tetrachloroethene	8.550	164	33252	5.272	ug/L	96
48) 2-Hexanone	8.681	43	194635	54.105	ug/L	99
49) Dibromochloromethane	8.804	129	39210	5.316	ug/L	97
50) 1,2-Dibromoethane	8.919	107	33165	5.313	ug/L	93
51) Chlorobenzene	9.443	112	123403	5.281	ug/L	98
52) Ethylbenzene	9.566	91	224735	5.287	ug/L	99
53) m,p-Xylene	9.691	106	84097	5.291	ug/L	99
54) o-Xylene	10.096	106	84342	5.474	ug/L	97
55) Styrene	10.109	104	135523	5.422	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	44769	5.230	ug/L	99
59) Bromoform	10.286	173	21754	4.999	ug/L	99
60) Isopropylbenzene	10.479	105	225437	5.205	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	30120	5.239	ug/L	99
62) 1,3,5-Trimethylbenzene	11.083	105	188354	5.149	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	189687	5.181	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	91984	5.244	ug/L	96
65) 1,4-Dichlorobenzene	11.832	146	91179	5.188	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	86306	5.277	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.993	75	7320	5.418	ug/L	98
69) 1,3,5-Trichlorobenzene	13.215	180	64699	5.178	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	53658	5.173	ug/L	99
71) Naphthalene	14.083	128	104571	5.027	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	48415	5.288	ug/L	100

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

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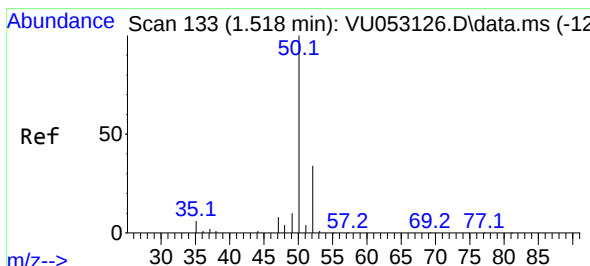
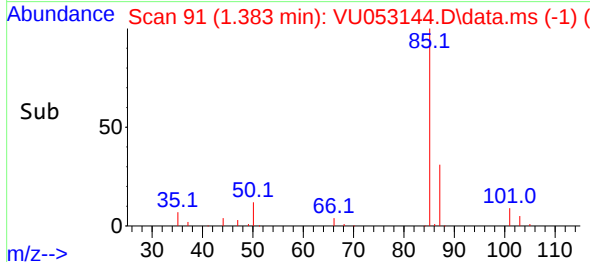
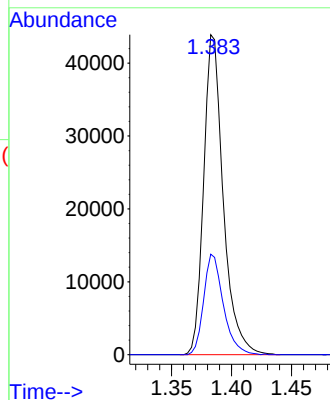
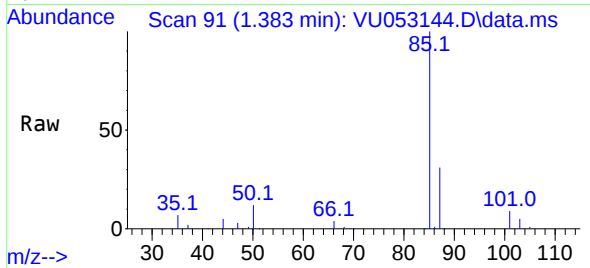




#2
Dichlorodifluoromethane
Concen: 5.010 ug/L
RT: 1.383 min Scan# 91
Delta R.T. -0.003 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

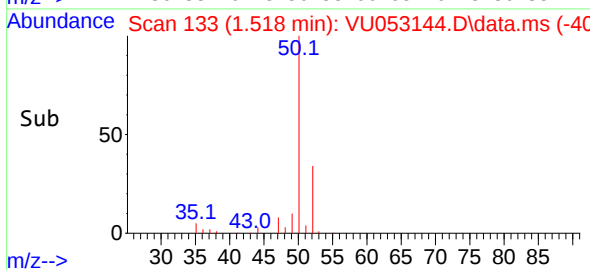
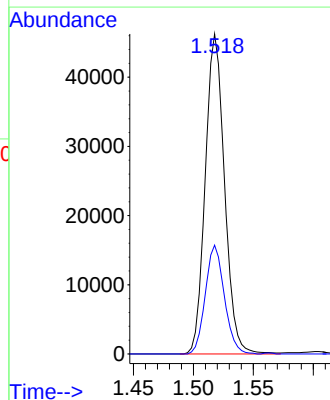
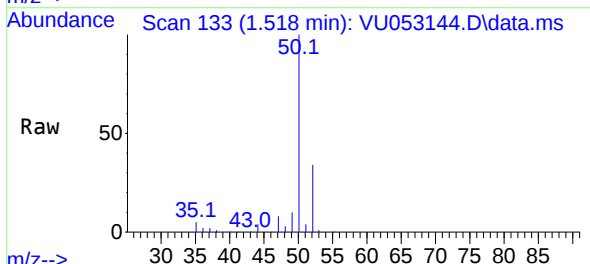
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

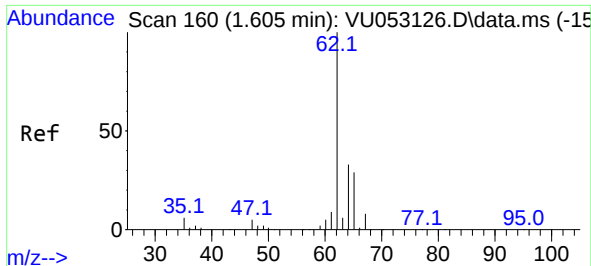
Tgt Ion: 85 Resp: 49858
Ion Ratio Lower Upper
85 100
87 31.4 25.5 38.3



#3
Chloromethane
Concen: 4.993 ug/L
RT: 1.518 min Scan# 133
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion: 50 Resp: 51771
Ion Ratio Lower Upper
50 100
52 34.0 24.1 44.7

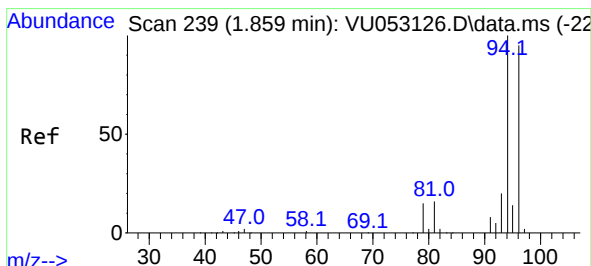
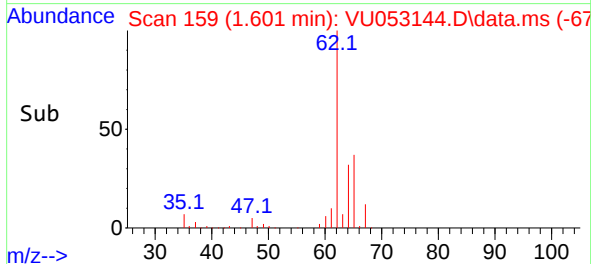
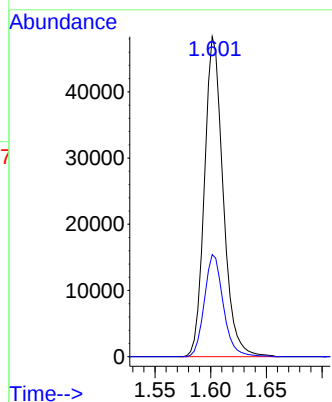
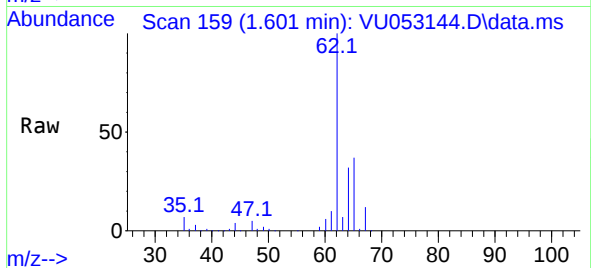




#5
 Vinyl chloride
 Concen: 4.941 ug/L
 RT: 1.601 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU053144.D
 Acq: 20 Feb 2023 11:35

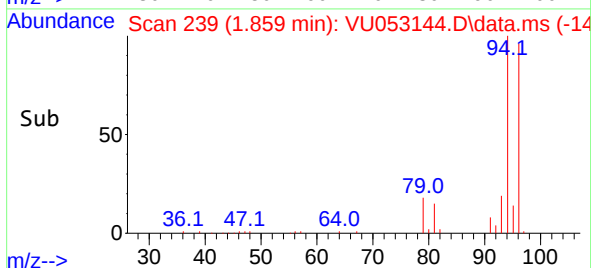
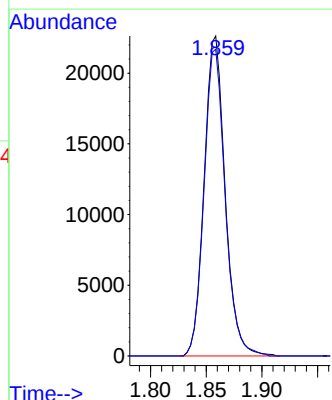
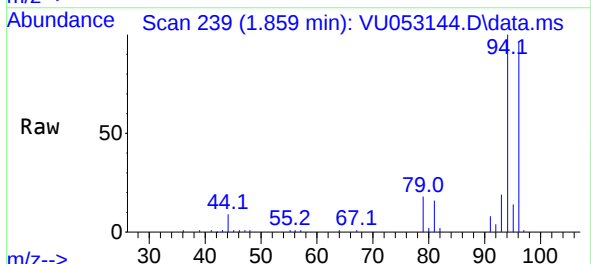
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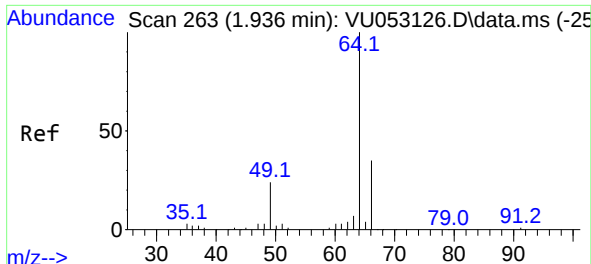
Tgt Ion: 62 Resp: 56442
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.5 41.9



#6
 Bromomethane
 Concen: 4.183 ug/L
 RT: 1.859 min Scan# 239
 Delta R.T. -0.000 min
 Lab File: VU053144.D
 Acq: 20 Feb 2023 11:35

Tgt Ion: 94 Resp: 29714
 Ion Ratio Lower Upper
 94 100
 96 95.8 64.8 120.3

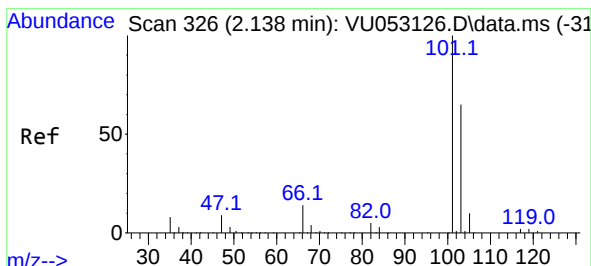
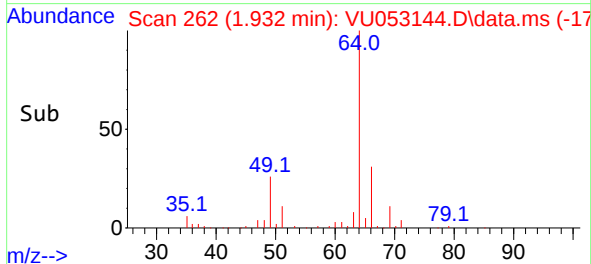
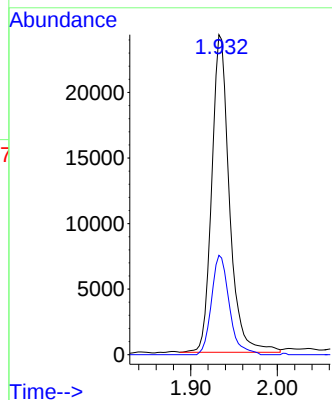
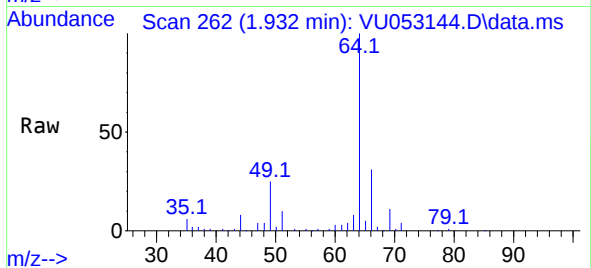




#8
Chloroethane
Concen: 5.093 ug/L
RT: 1.932 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

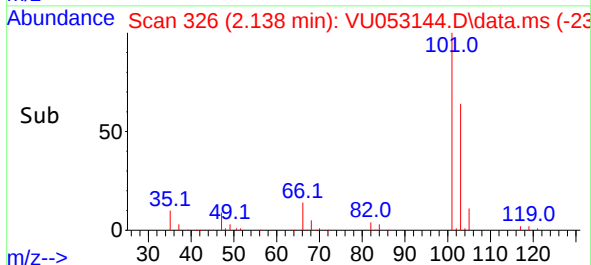
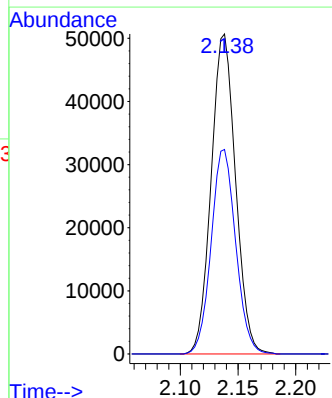
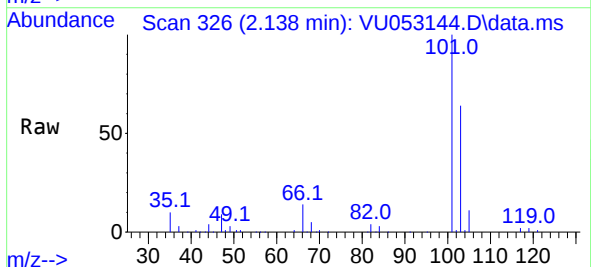
Instrument :
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ClientSampleId :
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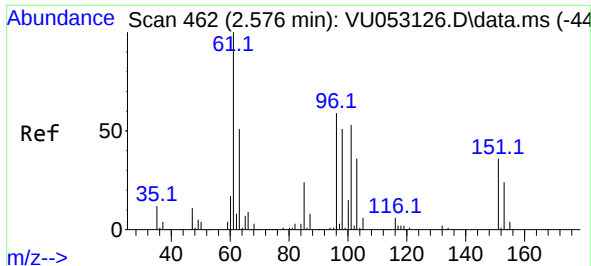
Tgt Ion: 64 Resp: 34262
Ion Ratio Lower Upper
64 100
66 31.1 23.9 44.3



#9
Trichlorofluoromethane
Concen: 4.727 ug/L
RT: 2.138 min Scan# 326
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion:101 Resp: 74393
Ion Ratio Lower Upper
101 100
103 64.3 52.6 78.8

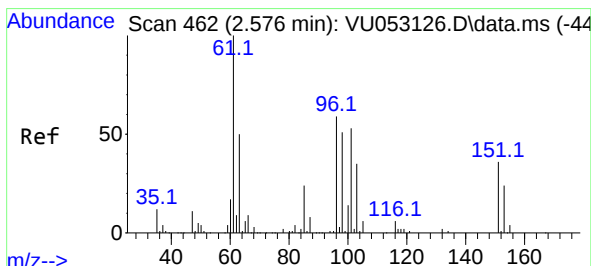
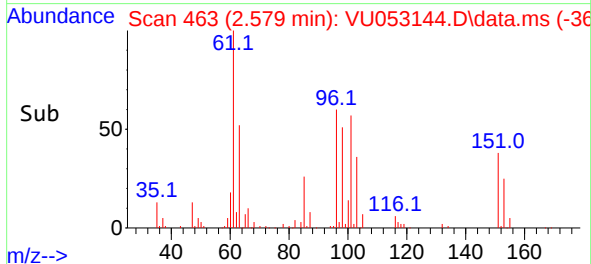
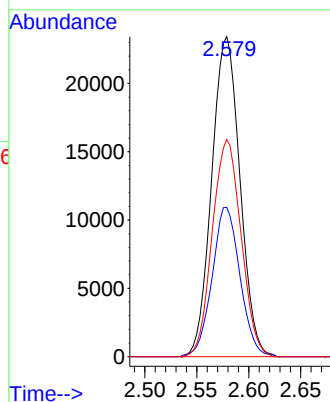
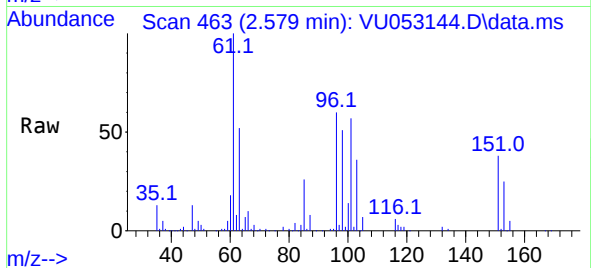




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.114 ug/L
RT: 2.579 min Scan# 463
Delta R.T. 0.003 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

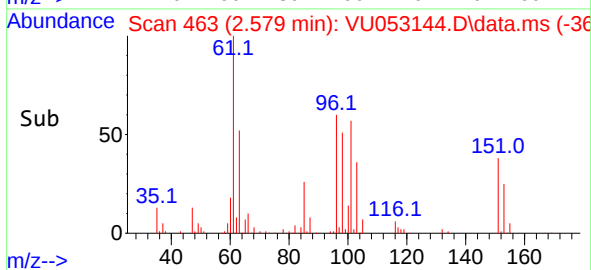
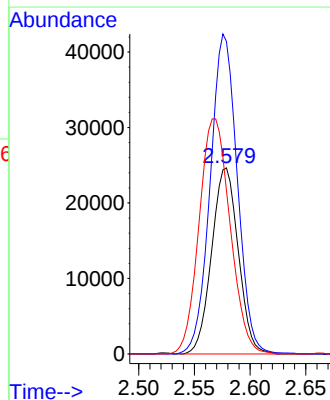
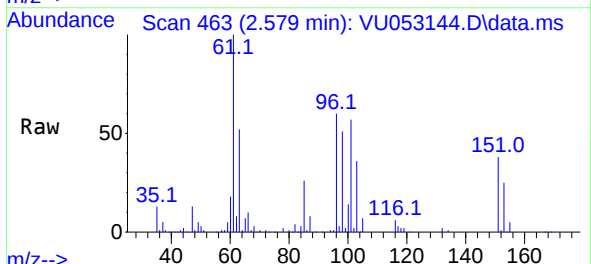
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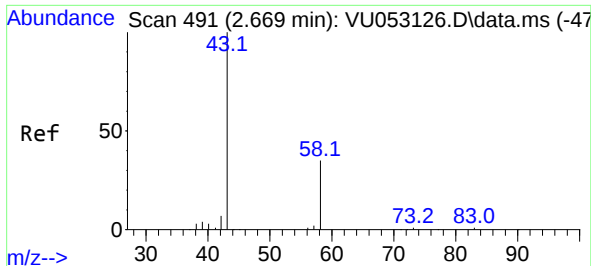
Tgt Ion:101 Resp: 44309
Ion Ratio Lower Upper
101 100
85 46.0 36.8 55.2
151 69.1 53.8 80.8



#12
1,1-Dichloroethene
Concen: 5.110 ug/L
RT: 2.579 min Scan# 463
Delta R.T. 0.003 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion: 96 Resp: 40978
Ion Ratio Lower Upper
96 100
61 167.9 115.1 213.7
63 88.0 63.6 118.0

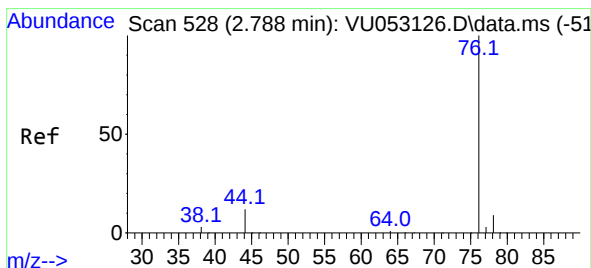
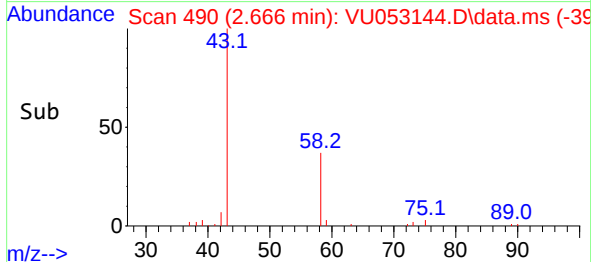
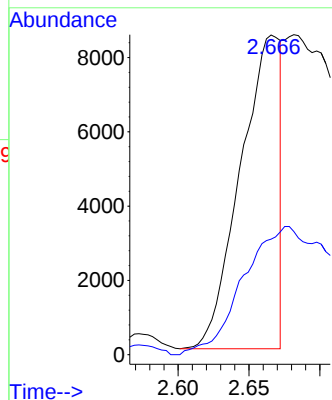
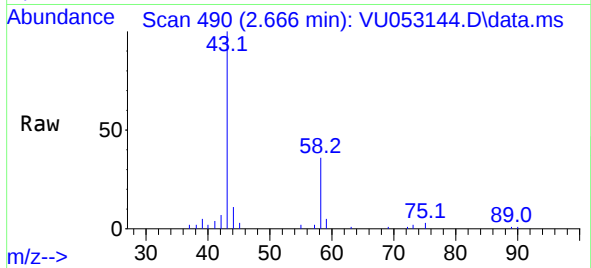




#13
Acetone
Concen: 11.548 ug/L
RT: 2.666 min Scan# 491
Delta R.T. -0.003 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

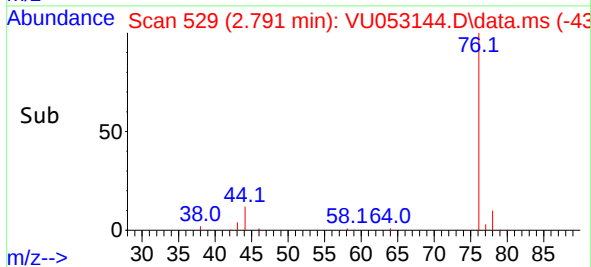
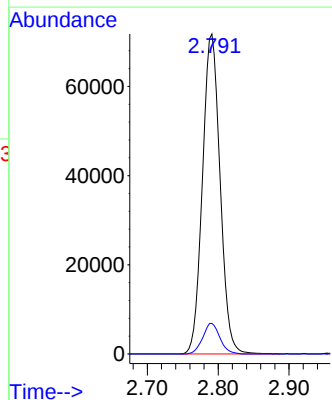
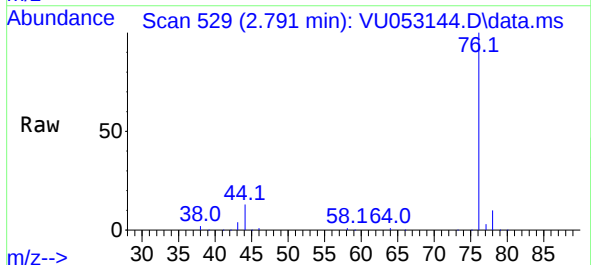
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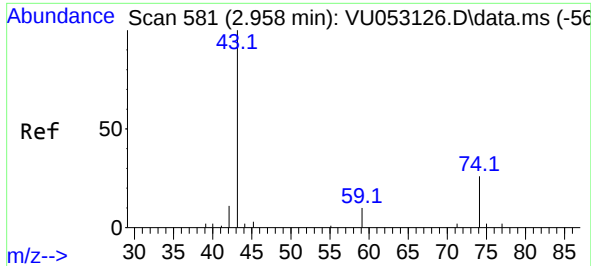
Tgt Ion: 43 Resp: 16485
Ion Ratio Lower Upper
43 100
58 79.1 0.0 19.6#



#14
Carbon disulfide
Concen: 5.119 ug/L
RT: 2.791 min Scan# 529
Delta R.T. 0.003 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion: 76 Resp: 123955
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3





#15

Methyl Acetate

Concen: 3.854 ug/L

RT: 2.965 min Scan# 581

Delta R.T. 0.006 min

Lab File: VU053144.D

Acq: 20 Feb 2023 11:35

Instrument :

MSVOA_U

ClientSampleId :

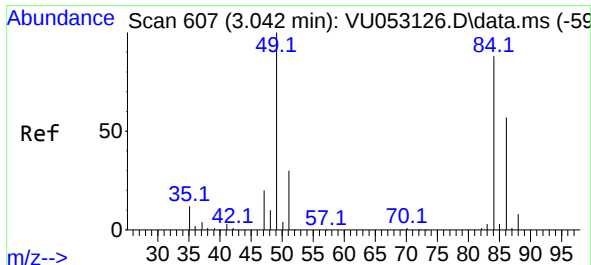
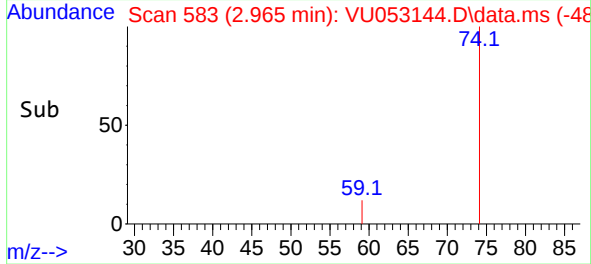
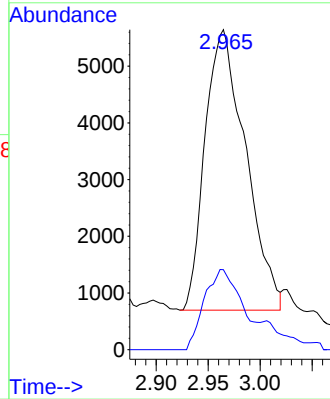
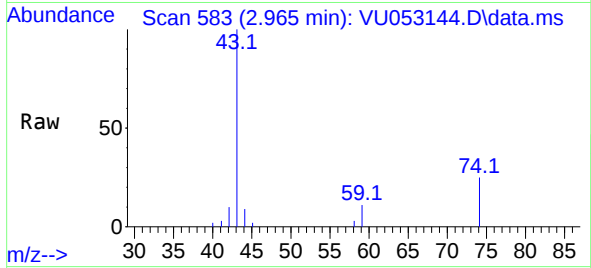
VSTD005144

Tgt Ion: 43 Resp: 13433

Ion Ratio Lower Upper

43 100

74 26.8 14.3 21.5#



#16

Methylene chloride

Concen: 5.022 ug/L

RT: 3.042 min Scan# 607

Delta R.T. -0.000 min

Lab File: VU053144.D

Acq: 20 Feb 2023 11:35

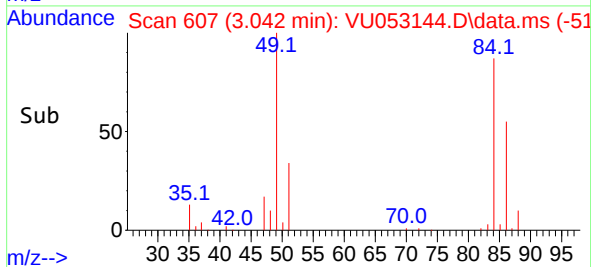
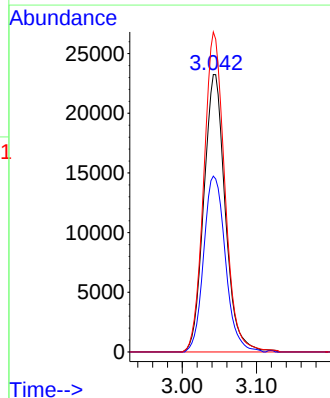
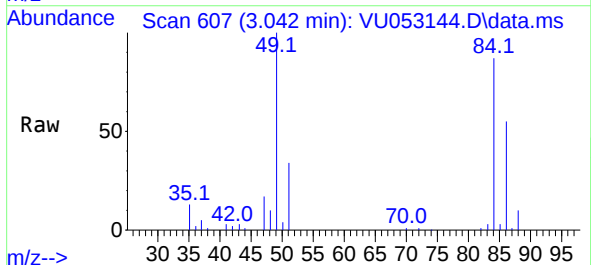
Tgt Ion: 84 Resp: 46585

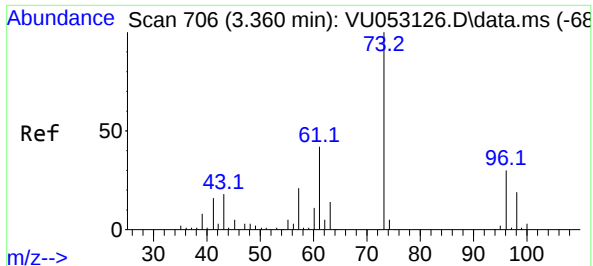
Ion Ratio Lower Upper

84 100

86 63.4 44.9 83.3

49 115.3 82.6 153.4





#17

Methyl tert-butyl Ether

Concen: 5.117 ug/L

RT: 3.360 min Scan# 706

Delta R.T. -0.000 min

Lab File: VU053144.D

Acq: 20 Feb 2023 11:35

Instrument :

MSVOA_U

ClientSampleId :

VSTD005144

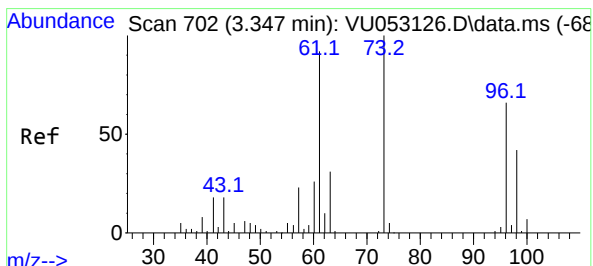
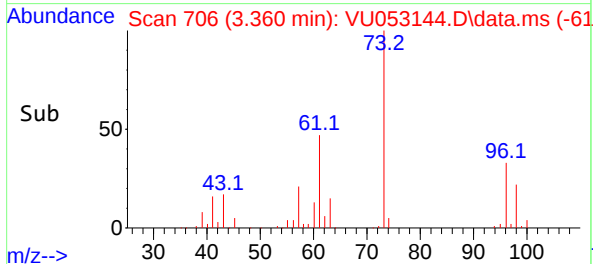
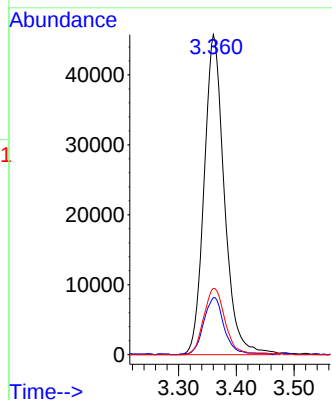
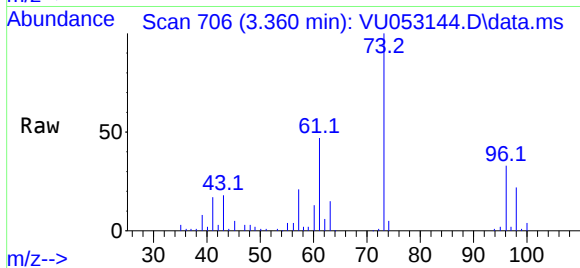
Tgt Ion: 73 Resp: 111416

Ion Ratio Lower Upper

73 100

43 17.9 14.6 21.8

57 21.7 17.1 25.7



#18

trans-1,2-Dichloroethene

Concen: 5.040 ug/L

RT: 3.350 min Scan# 703

Delta R.T. 0.003 min

Lab File: VU053144.D

Acq: 20 Feb 2023 11:35

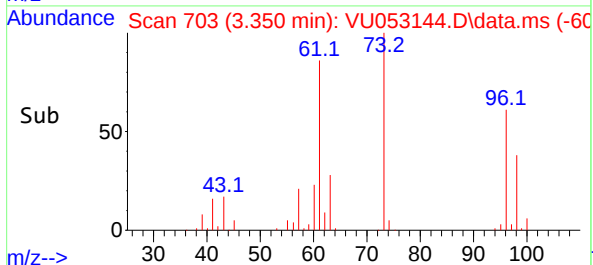
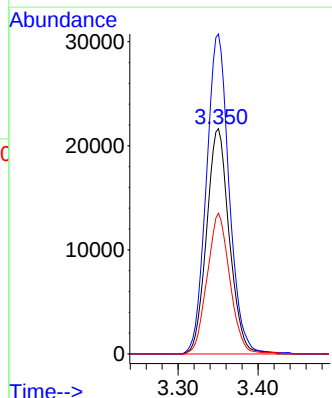
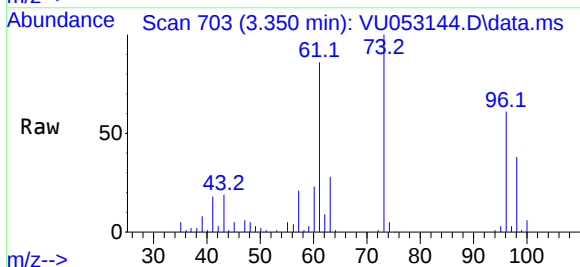
Tgt Ion: 96 Resp: 42763

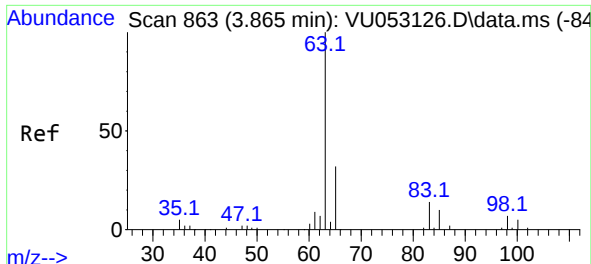
Ion Ratio Lower Upper

96 100

61 142.1 99.5 184.9

98 62.5 44.8 83.2

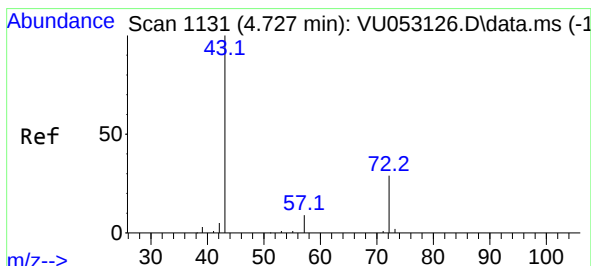
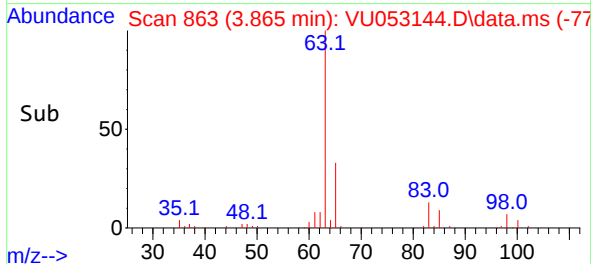
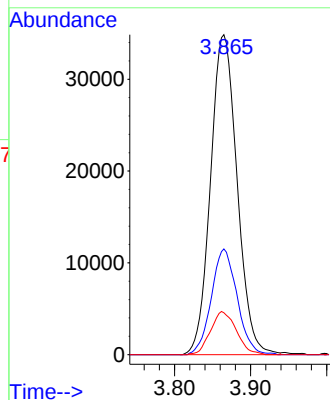
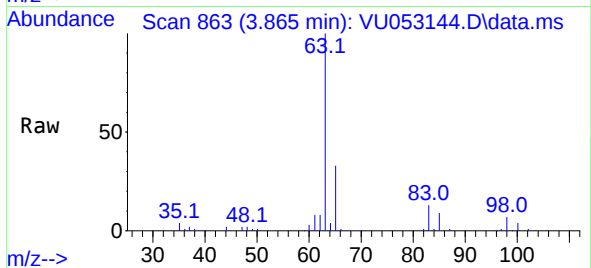




#19
1,1-Dichloroethane
Concen: 5.299 ug/L
RT: 3.865 min Scan# 80
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

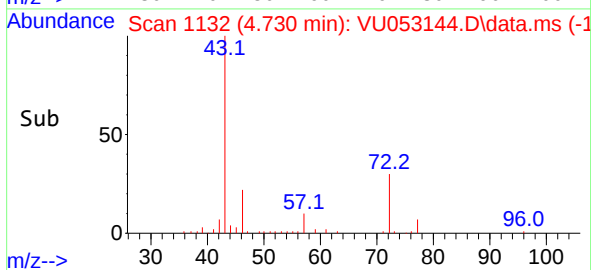
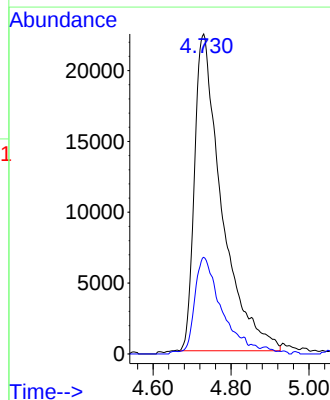
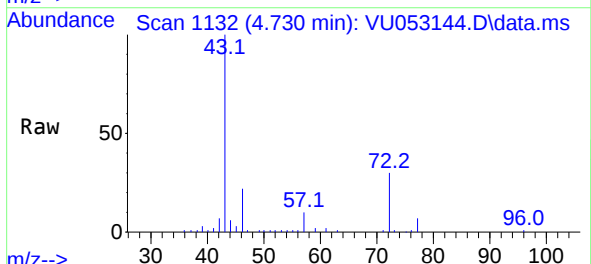
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

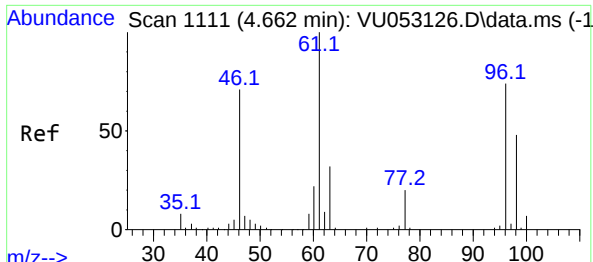
Tgt Ion: 63 Resp: 84676
Ion Ratio Lower Upper
63 100
65 33.0 22.3 41.3
83 13.1 9.8 18.2



#21
2-Butanone
Concen: 51.565 ug/L
RT: 4.730 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion: 43 Resp: 108746
Ion Ratio Lower Upper
43 100
72 26.8 14.5 43.5

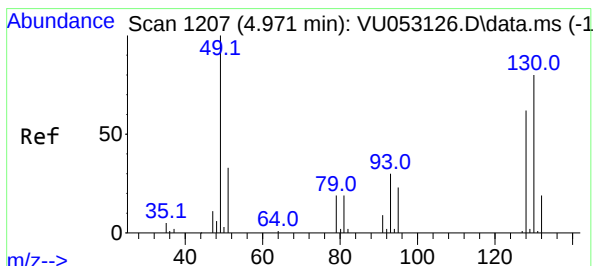
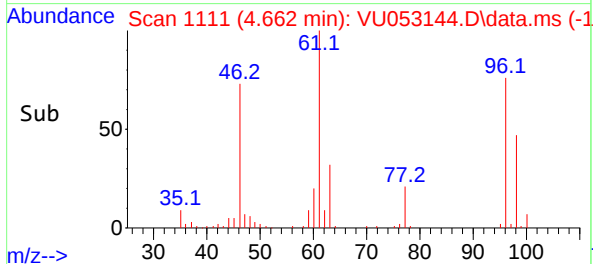
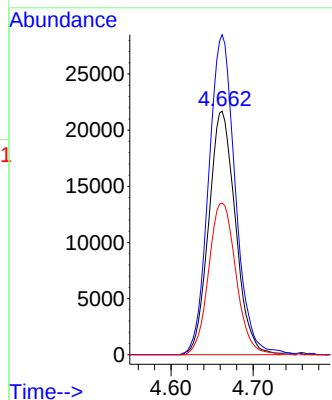
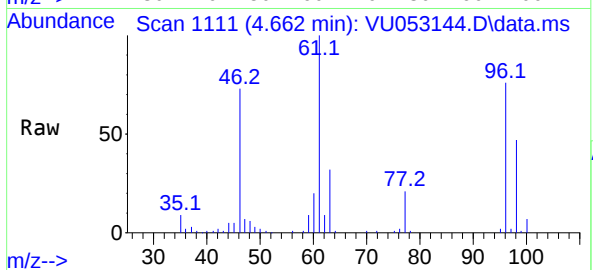




#22
cis-1,2-Dichloroethene
Concen: 5.134 ug/L
RT: 4.662 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

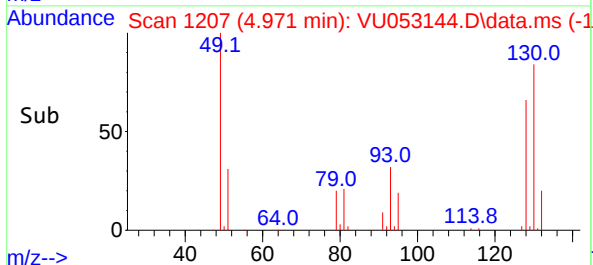
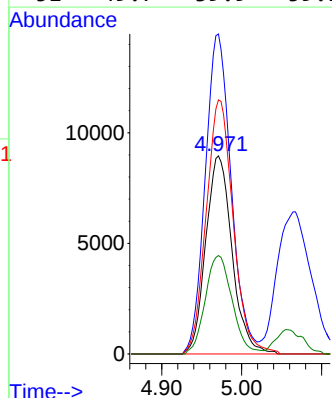
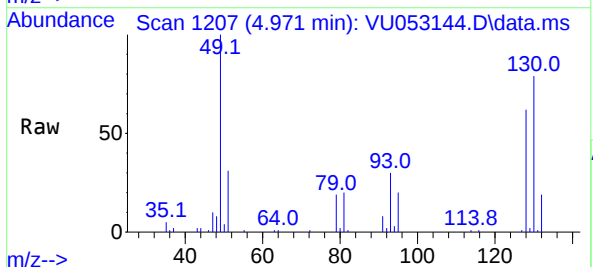
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

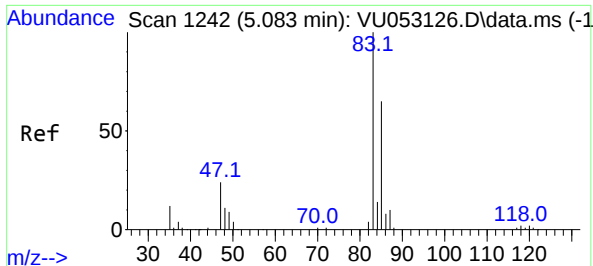
Tgt Ion: 96 Resp: 49162
Ion Ratio Lower Upper
96 100
61 131.4 90.9 168.9
98 62.2 47.0 87.4



#23
Bromochloromethane
Concen: 5.408 ug/L
RT: 4.971 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion: 128 Resp: 20508
Ion Ratio Lower Upper
128 100
49 161.6 114.2 212.0
130 128.3 91.6 170.2
51 49.7 39.9 59.9

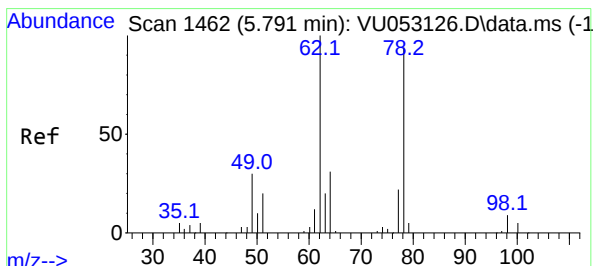
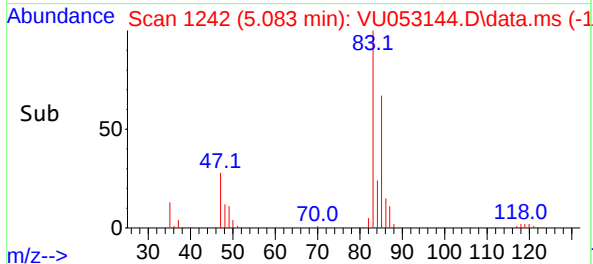
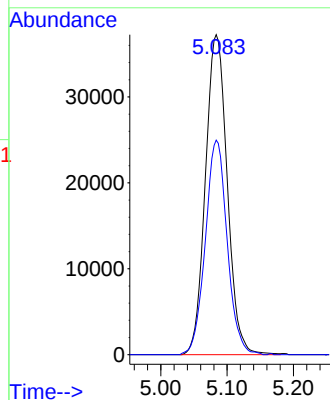
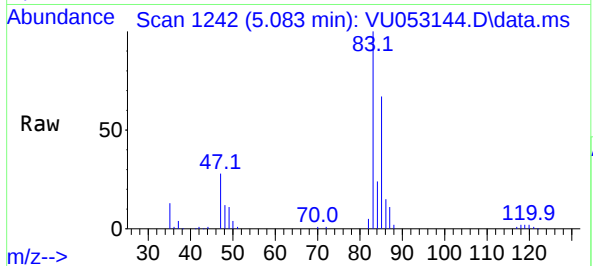




#25
Chloroform
Concen: 5.096 ug/L
RT: 5.083 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

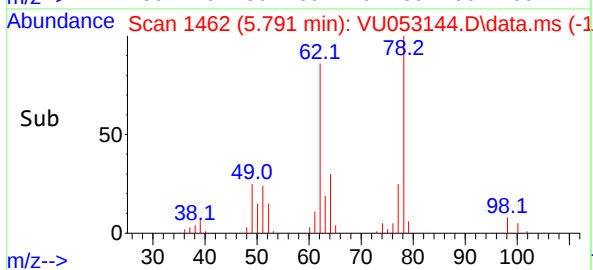
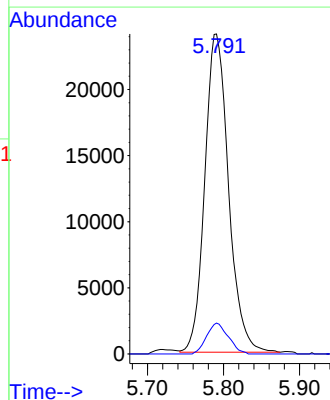
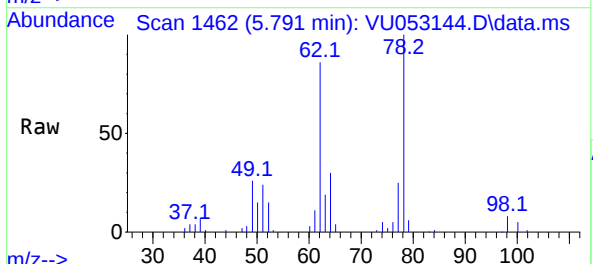
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

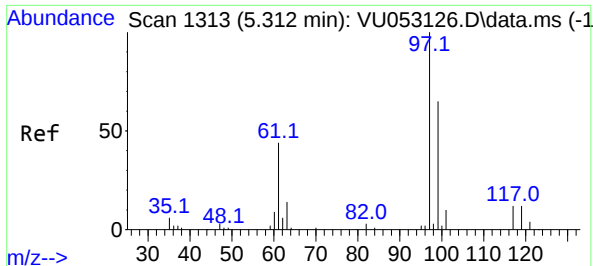
Tgt Ion: 83 Resp: 85136
Ion Ratio Lower Upper
83 100
85 67.1 47.7 88.5



#27
1,2-Dichloroethane
Concen: 5.080 ug/L
RT: 5.791 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion: 62 Resp: 52172
Ion Ratio Lower Upper
62 100
98 9.7 7.1 10.7



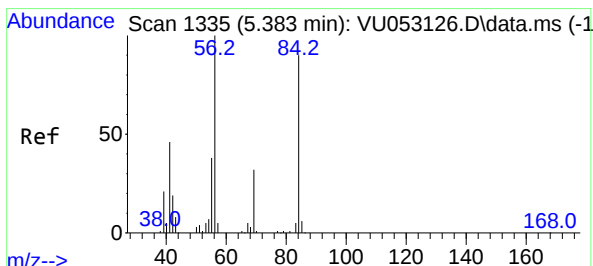
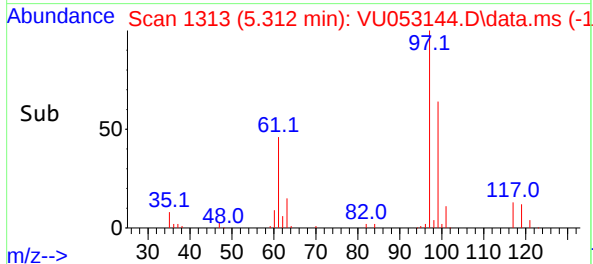
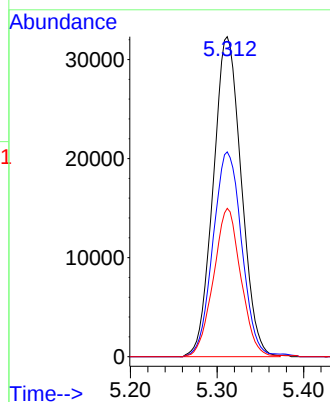
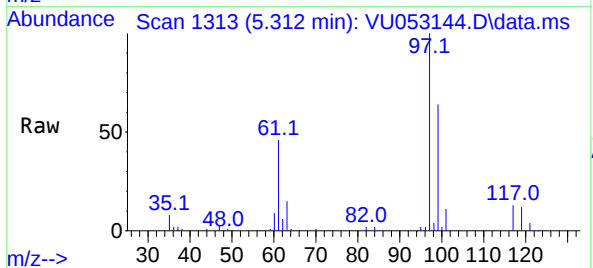


#29
1,1,1-Trichloroethane
Concen: 5.089 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

Tgt Ion: 97 Resp: 72757

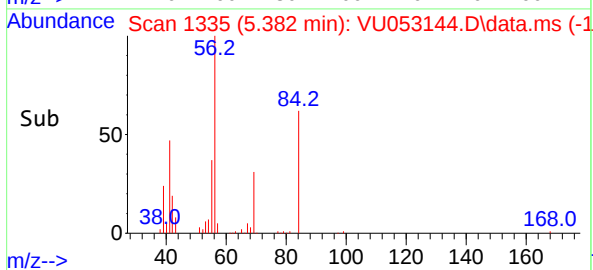
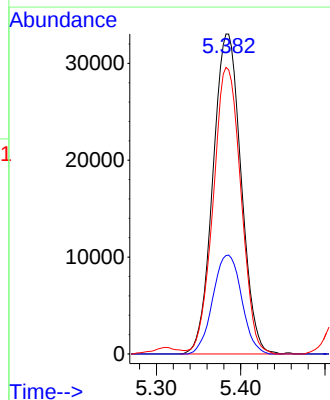
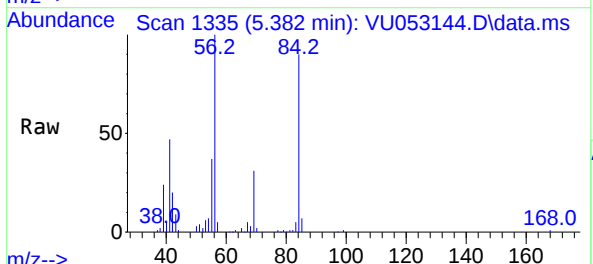
Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.0	76.6
61	45.4	34.2	51.4

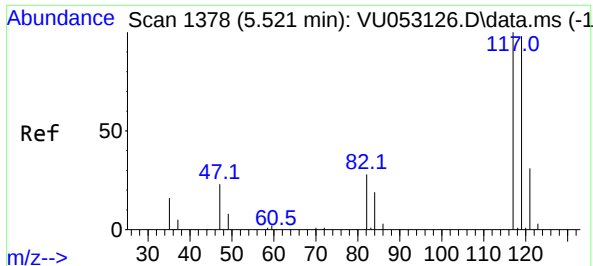


#30
Cyclohexane
Concen: 5.359 ug/L
RT: 5.382 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion: 56 Resp: 76609

Ion	Ratio	Lower	Upper
56	100		
69	31.6	27.0	40.6
84	88.2	70.8	106.2

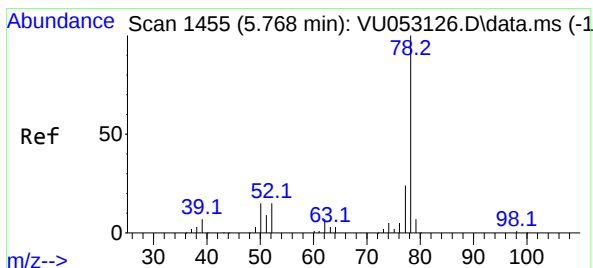
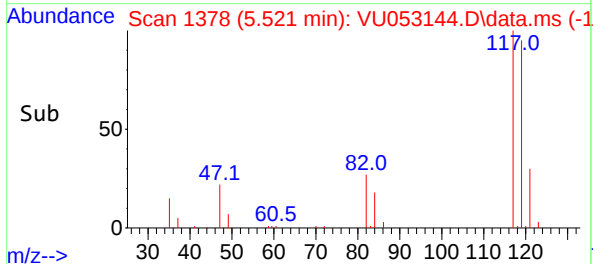
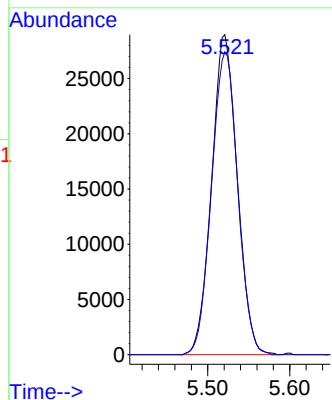
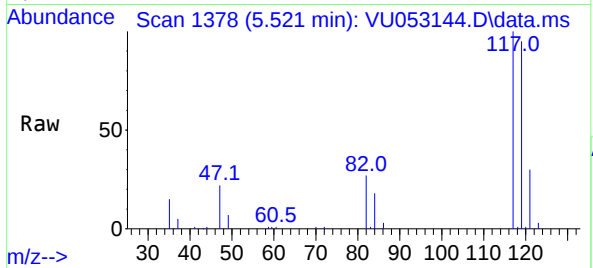




#31
Carbon tetrachloride
Concen: 5.279 ug/L
RT: 5.521 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

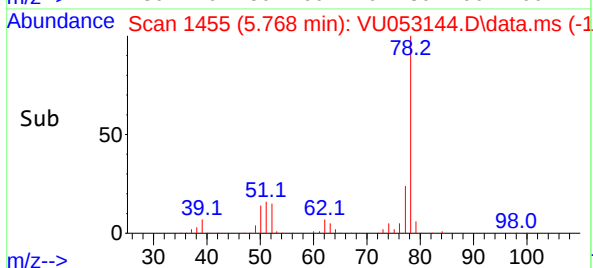
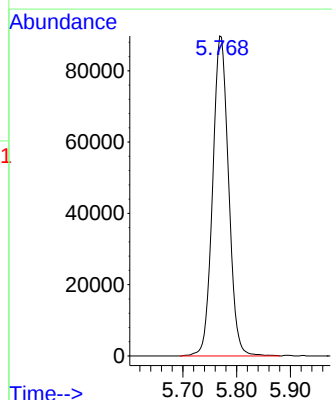
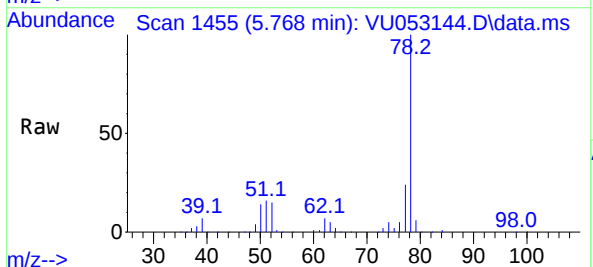
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

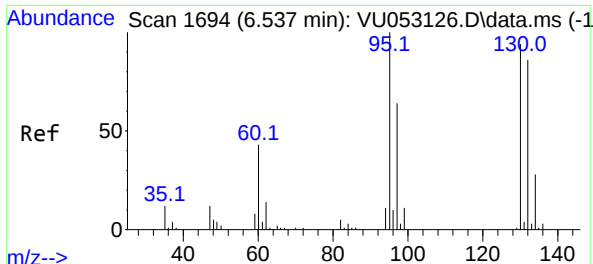
Tgt Ion:117 Resp: 62983
Ion Ratio Lower Upper
117 100
119 96.8 75.4 113.0



#33
Benzene
Concen: 5.364 ug/L
RT: 5.768 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion: 78 Resp: 184973



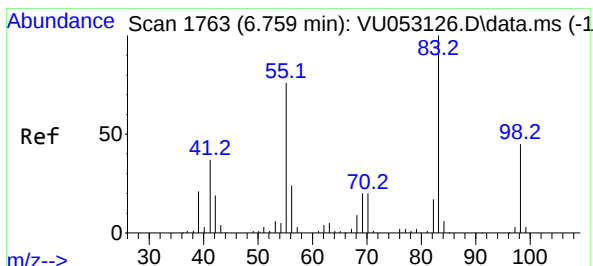
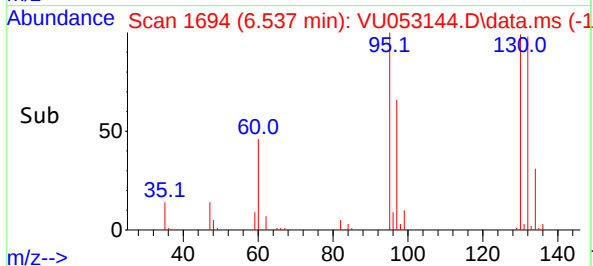
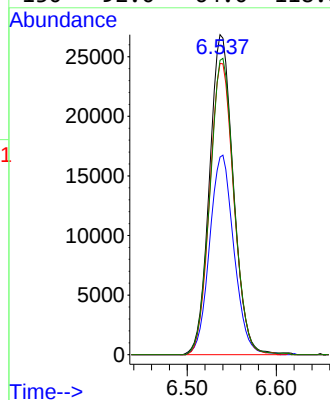
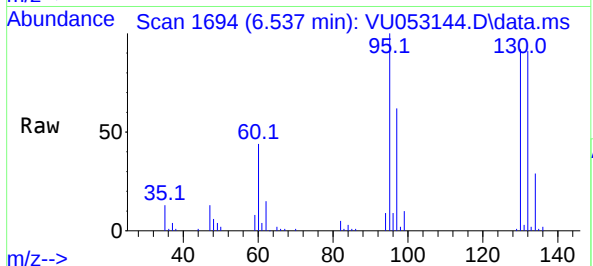


#34
Trichloroethene
Concen: 5.160 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

Tgt Ion: 95 Resp: 50063

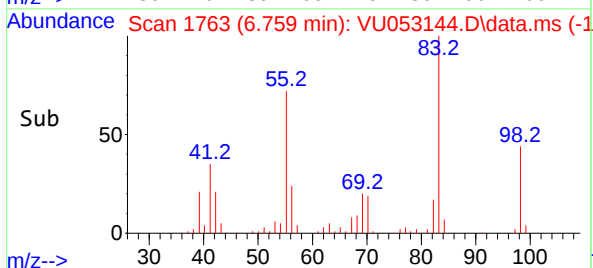
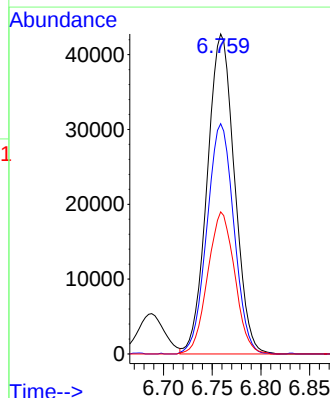
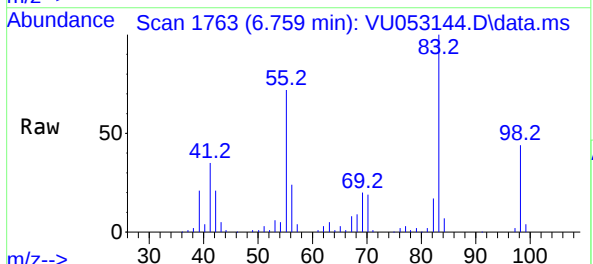
Ion	Ratio	Lower	Upper
95	100		
97	61.7	44.7	82.9
132	91.0	62.3	115.7
130	92.0	64.0	118.8

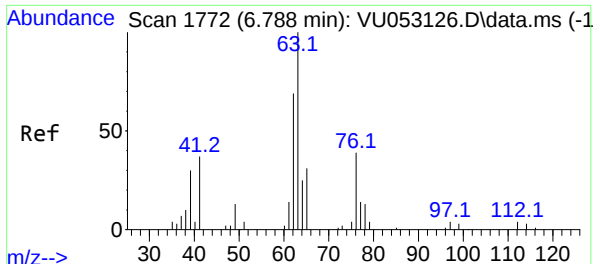


#35
Methylcyclohexane
Concen: 5.316 ug/L
RT: 6.759 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion: 83 Resp: 83513

Ion	Ratio	Lower	Upper
83	100		
55	71.2	57.9	86.9
98	43.9	36.4	54.6

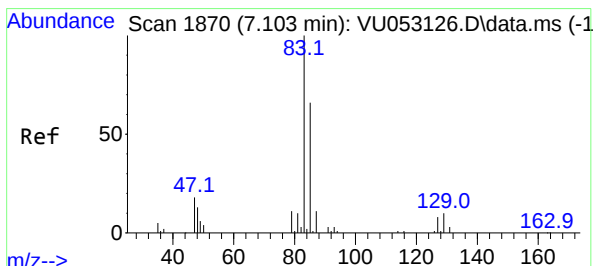
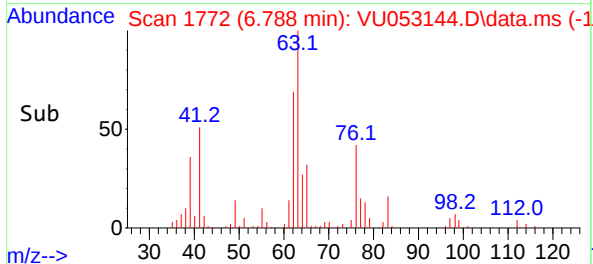
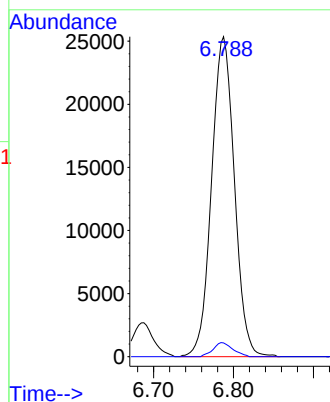
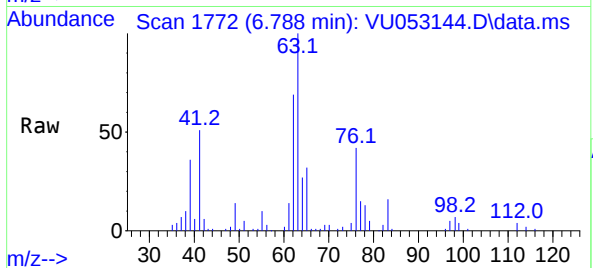




#37
1,2-Dichloropropane
Concen: 5.349 ug/L
RT: 6.788 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

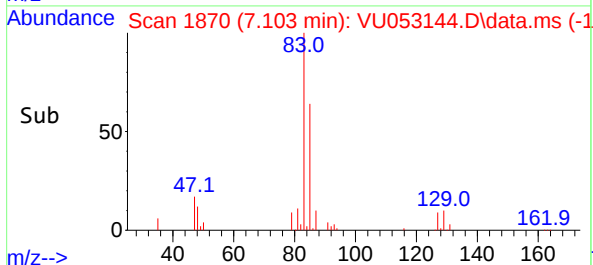
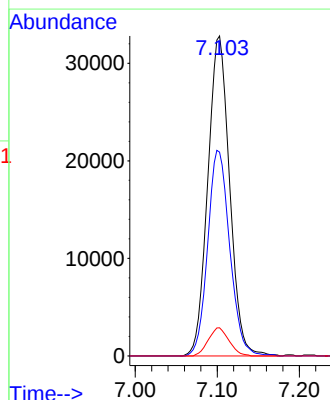
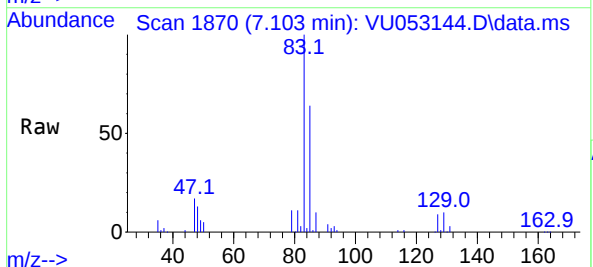
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

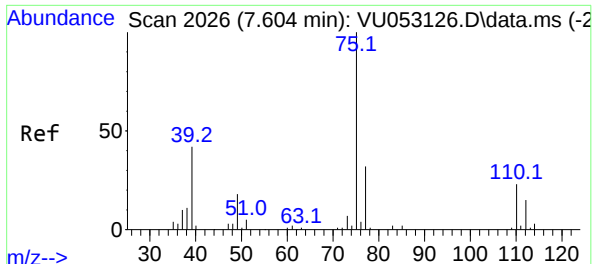
Tgt Ion: 63 Resp: 50221
Ion Ratio Lower Upper
63 100
112 3.8 2.7 4.1



#38
Bromodichloromethane
Concen: 4.987 ug/L
RT: 7.103 min Scan# 1870
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion: 83 Resp: 60712
Ion Ratio Lower Upper
83 100
85 63.7 44.7 82.9
127 8.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.093 ug/L

RT: 7.604 min Scan# 2026

Delta R.T. -0.000 min

Lab File: VU053144.D

Acq: 20 Feb 2023 11:35

Instrument :

MSVOA_U

ClientSampleId :

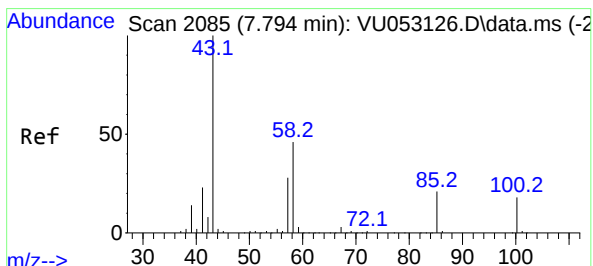
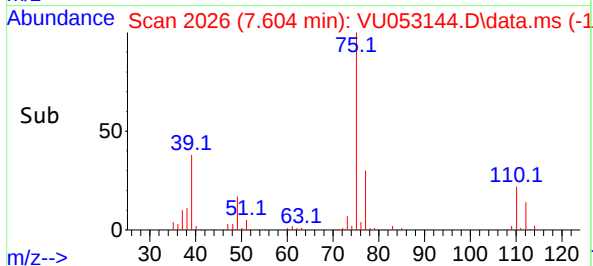
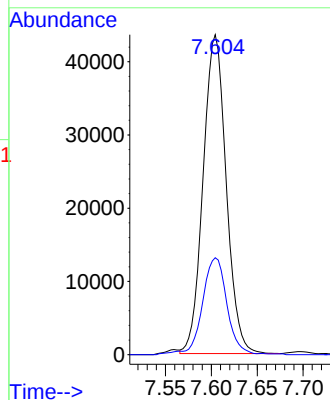
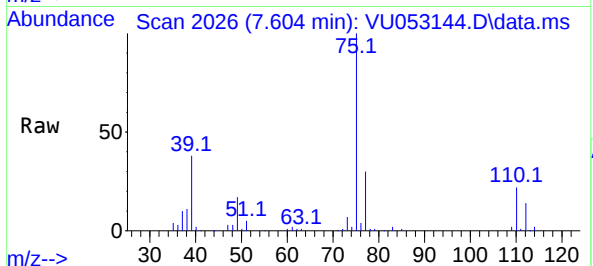
VSTD005144

Tgt Ion: 75 Resp: 76280

Ion Ratio Lower Upper

75 100

77 30.3 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 53.612 ug/L

RT: 7.791 min Scan# 2084

Delta R.T. -0.003 min

Lab File: VU053144.D

Acq: 20 Feb 2023 11:35

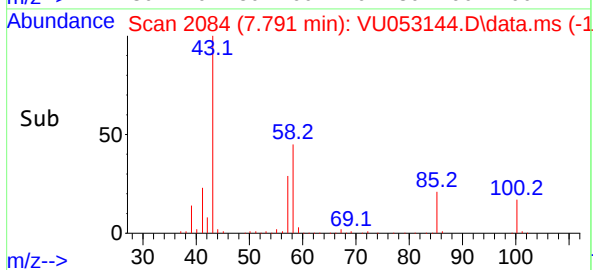
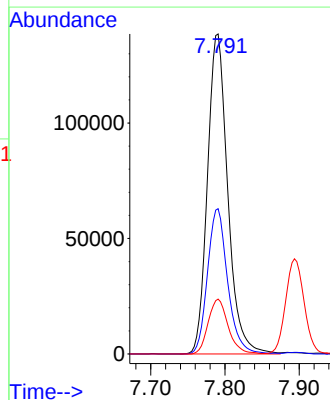
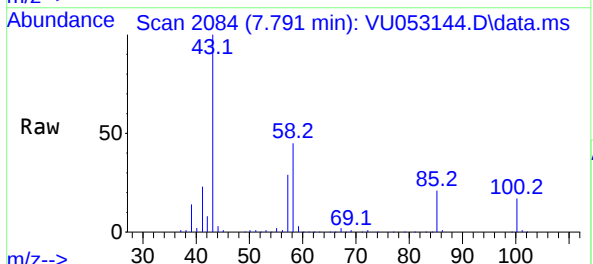
Tgt Ion: 43 Resp: 262778

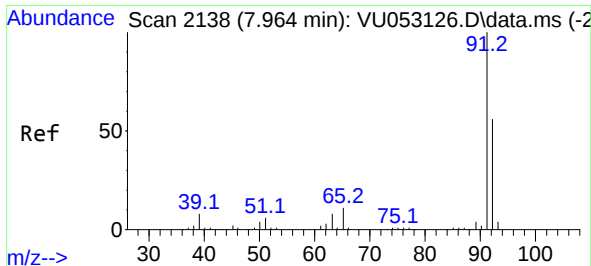
Ion Ratio Lower Upper

43 100

58 45.1 35.9 53.9

100 16.9 13.8 20.6





#42

Toluene

Concen: 5.289 ug/L

RT: 7.964 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU053144.D

Acq: 20 Feb 2023 11:35

Instrument :

MSVOA_U

ClientSampleId :

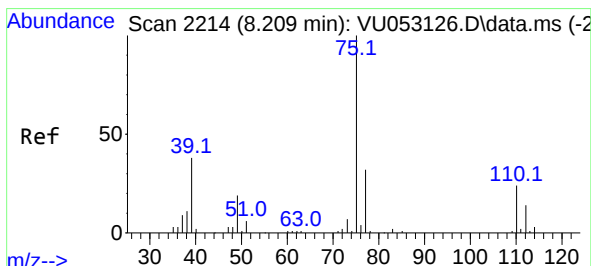
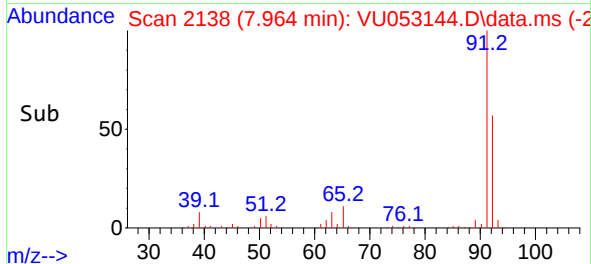
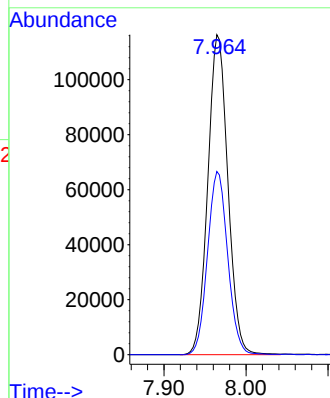
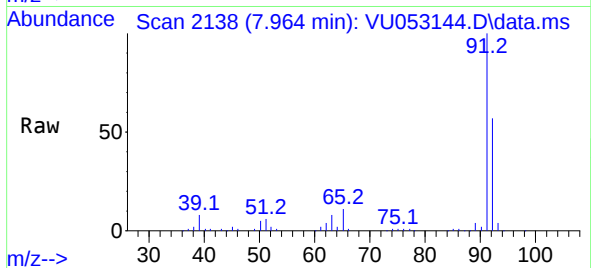
VSTD005144

Tgt Ion: 91 Resp: 198112

Ion Ratio Lower Upper

91 100

92 57.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.144 ug/L

RT: 8.206 min Scan# 2213

Delta R.T. -0.003 min

Lab File: VU053144.D

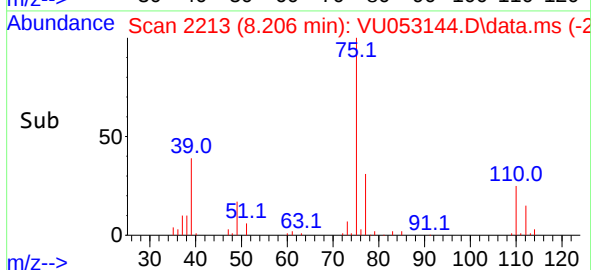
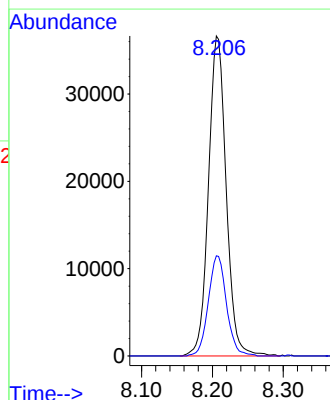
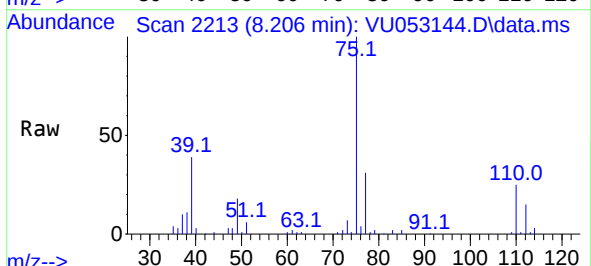
Acq: 20 Feb 2023 11:35

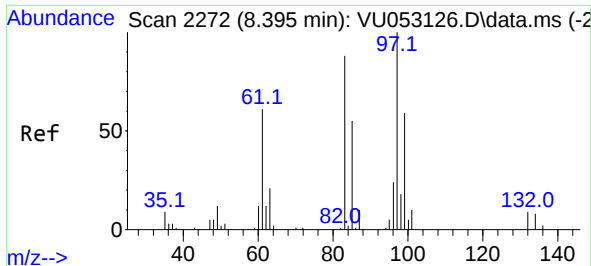
Tgt Ion: 75 Resp: 63552

Ion Ratio Lower Upper

75 100

77 31.3 22.3 41.3



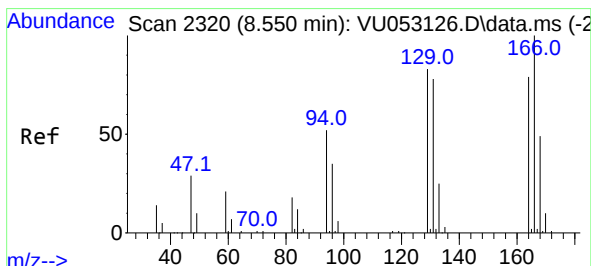
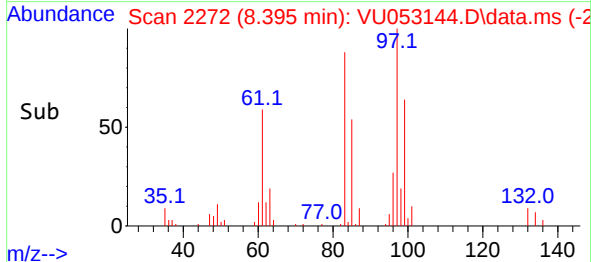
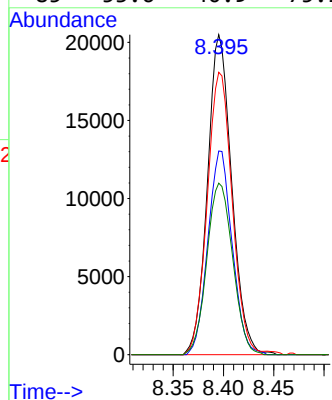
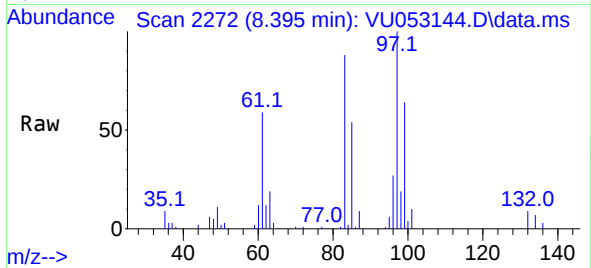


#45
1,1,2-Trichloroethane
Concen: 5.087 ug/L
RT: 8.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

Tgt Ion: 97 Resp: 34411

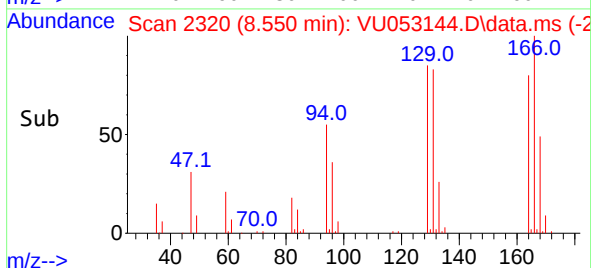
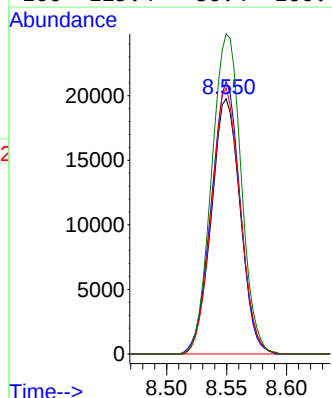
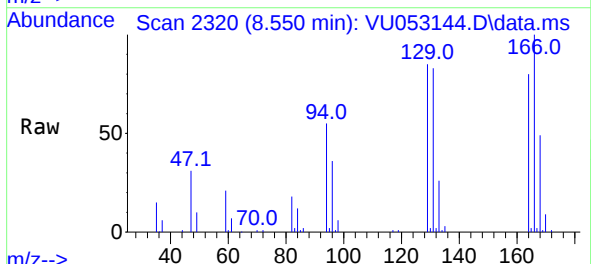
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.0	79.8
83	88.3	58.0	107.8
85	53.6	40.9	75.9

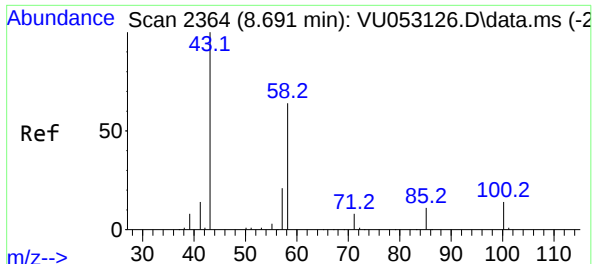


#47
Tetrachloroethene
Concen: 5.272 ug/L
RT: 8.550 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion: 164 Resp: 33252

Ion	Ratio	Lower	Upper
164	100		
129	106.7	71.7	133.1
131	104.3	67.8	126.0
166	125.4	86.4	160.4



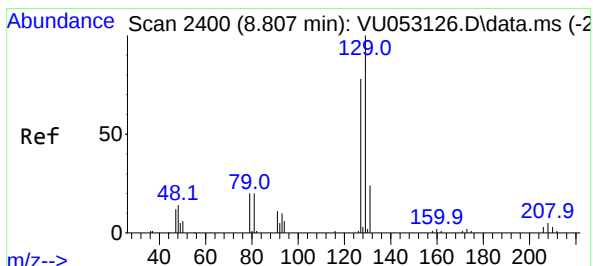
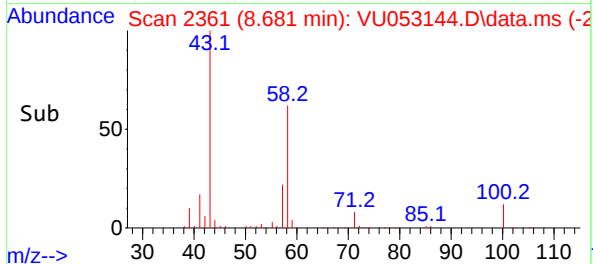
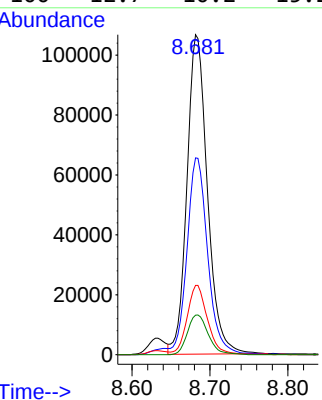
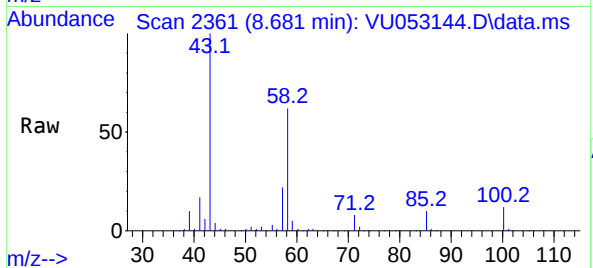


#48
2-Hexanone
Concen: 54.105 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.010 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

Tgt Ion: 43 Resp: 194635

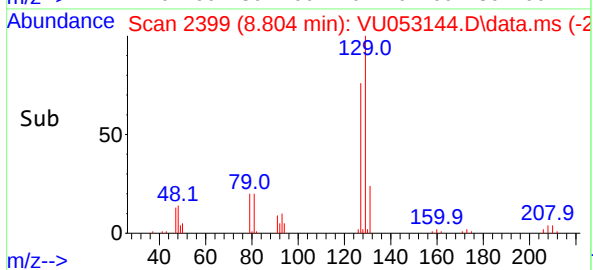
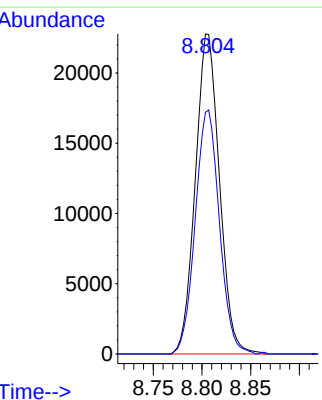
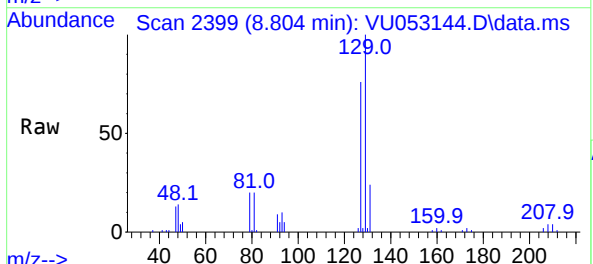
Ion	Ratio	Lower	Upper
43	100		
58	64.0	50.3	75.5
57	21.3	17.4	26.0
100	12.7	10.2	15.2

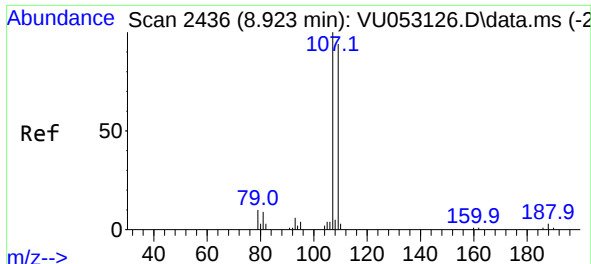


#49
Dibromochloromethane
Concen: 5.316 ug/L
RT: 8.804 min Scan# 2399
Delta R.T. -0.003 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion: 129 Resp: 39210

Ion	Ratio	Lower	Upper
129	100		
127	75.5	54.9	102.1

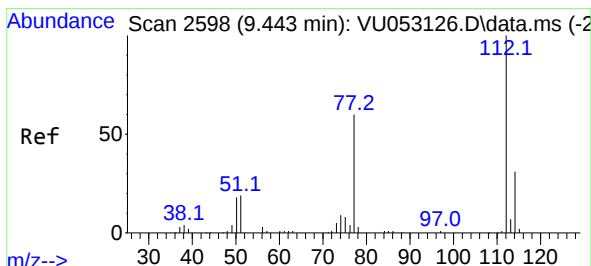
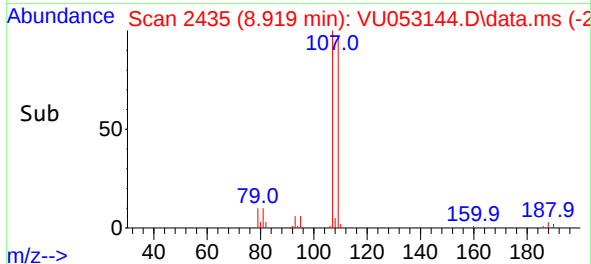
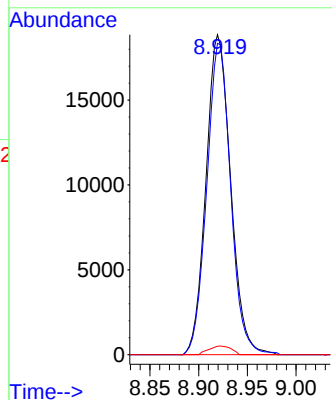
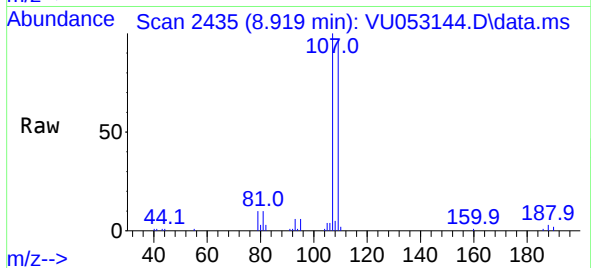




#50
1,2-Dibromoethane
Concen: 5.313 ug/L
RT: 8.919 min Scan# 2435
Delta R.T. -0.003 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

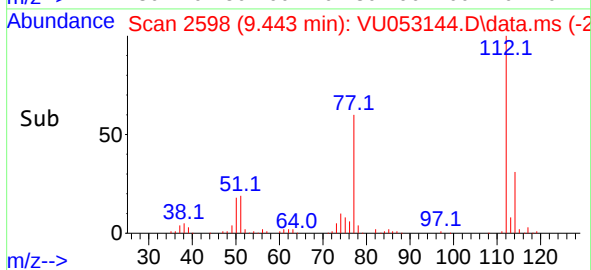
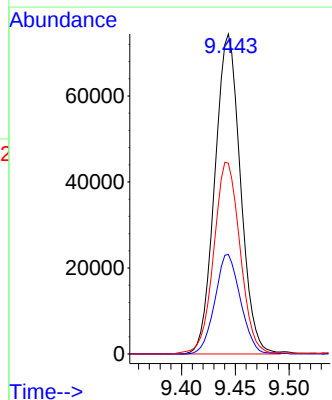
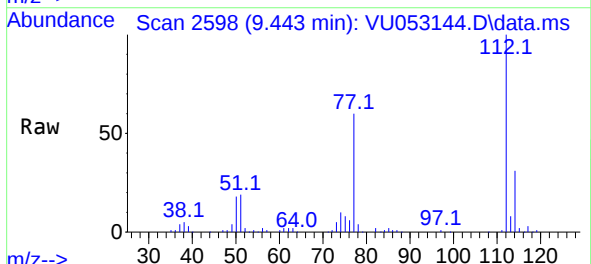
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

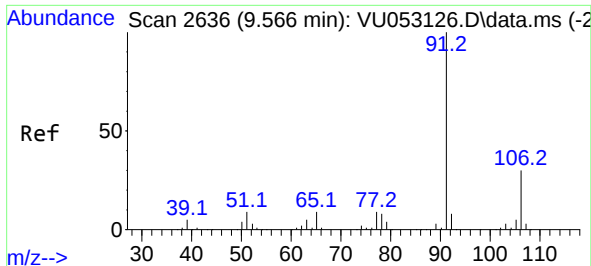
Tgt Ion:	107	Resp:	33165
Ion	Ratio	Lower	Upper
107	100		
109	97.3	63.1	117.1
188	2.6	2.5	3.7



#51
Chlorobenzene
Concen: 5.281 ug/L
RT: 9.443 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion:	112	Resp:	123403
Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.3	41.3
77	59.6	48.9	73.3

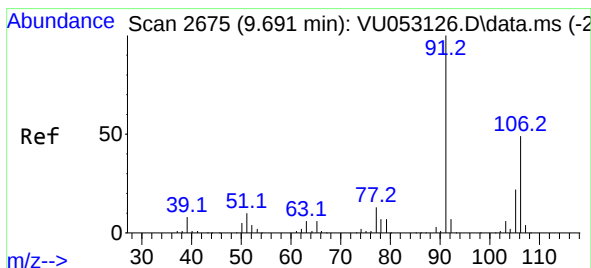
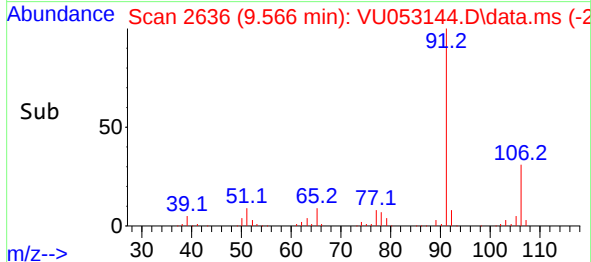
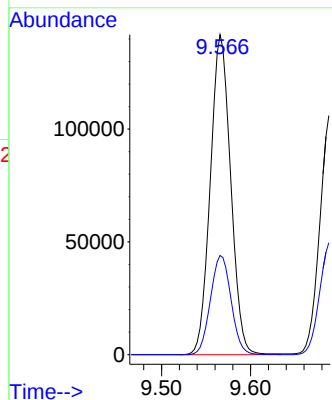
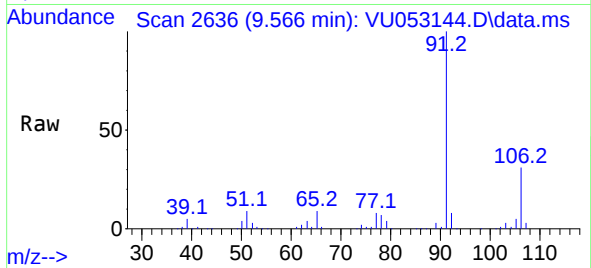




#52
Ethylbenzene
Concen: 5.287 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

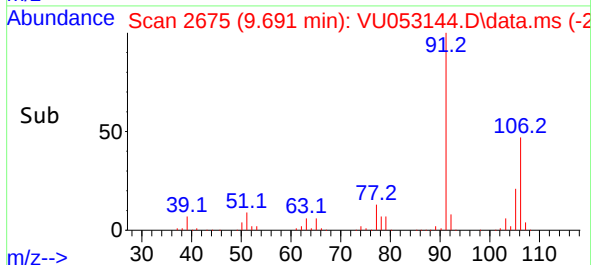
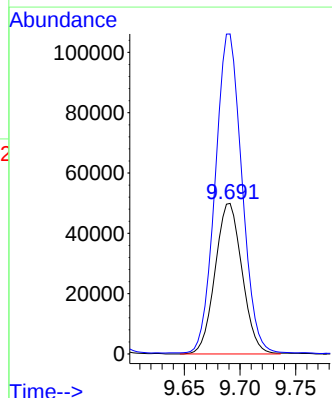
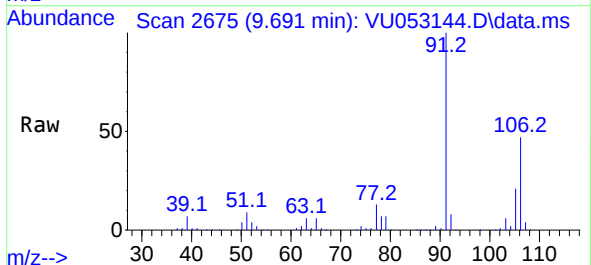
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

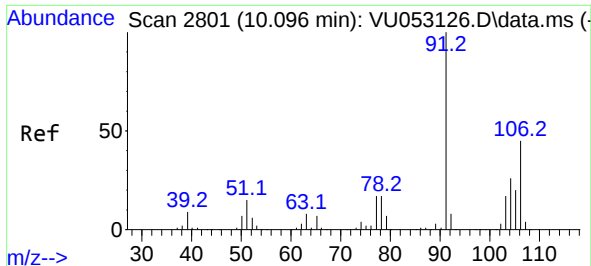
Tgt Ion: 91 Resp: 224735
Ion Ratio Lower Upper
91 100
106 31.0 21.4 39.8



#53
m,p-Xylene
Concen: 5.291 ug/L
RT: 9.691 min Scan# 2675
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion: 106 Resp: 84097
Ion Ratio Lower Upper
106 100
91 212.6 149.9 278.3

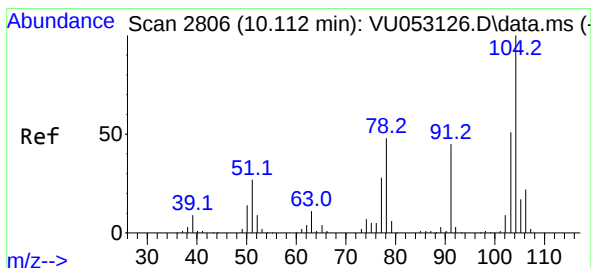
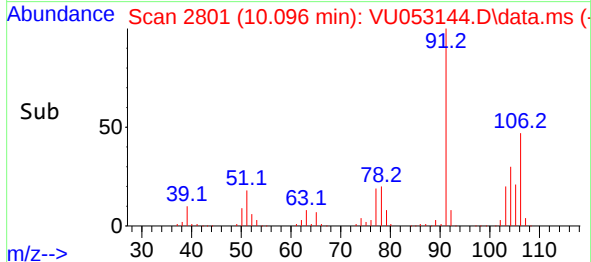
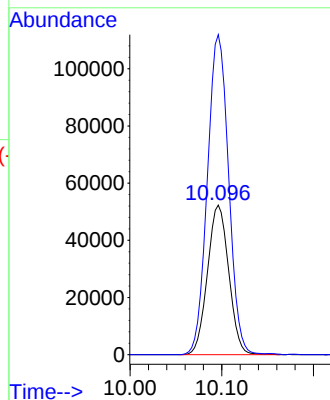
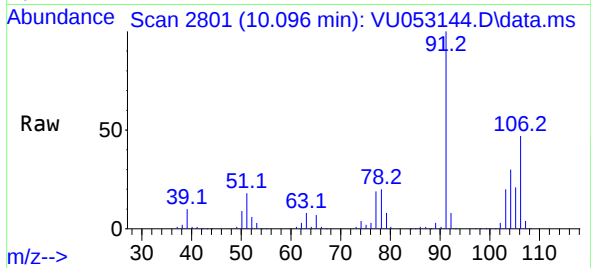




#54
o-Xylene
Concen: 5.474 ug/L
RT: 10.096 min Scan# 2801
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

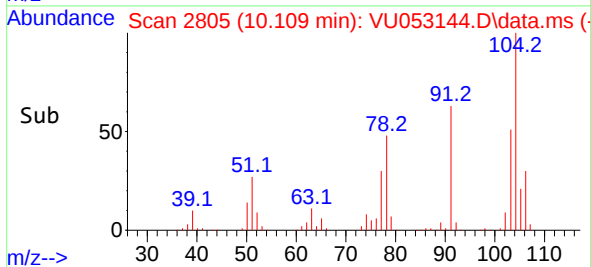
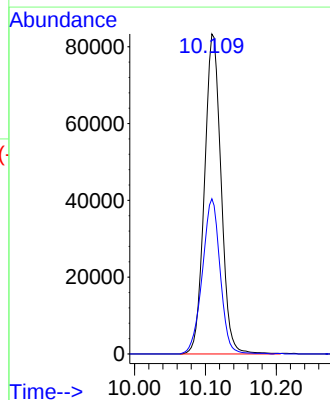
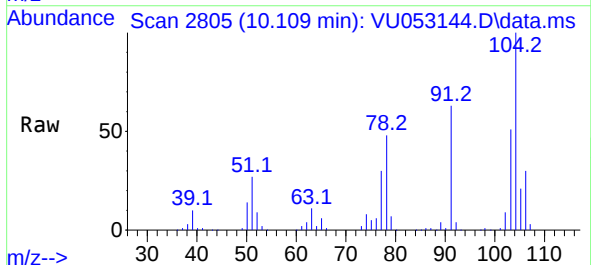
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

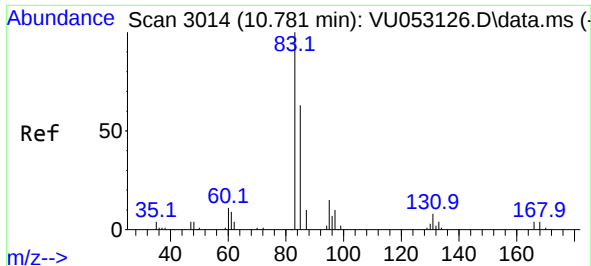
Tgt Ion:106 Resp: 84342
Ion Ratio Lower Upper
106 100
91 213.9 153.6 285.2



#55
Styrene
Concen: 5.422 ug/L
RT: 10.109 min Scan# 2805
Delta R.T. -0.003 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion:104 Resp: 135523
Ion Ratio Lower Upper
104 100
78 48.5 34.3 63.7

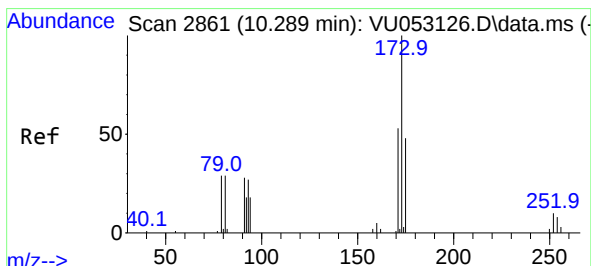
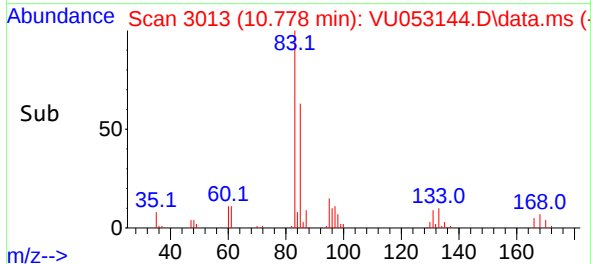
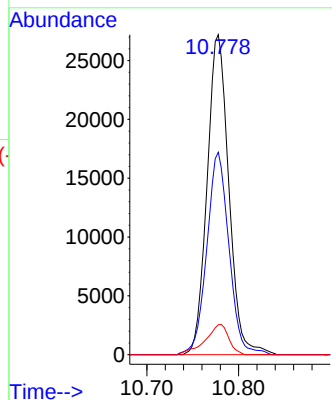
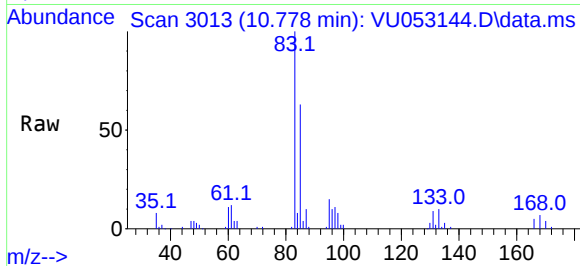




#57
1,1,2,2-Tetrachloroethane
Concen: 5.230 ug/L
RT: 10.778 min Scan# 3013
Delta R.T. -0.003 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

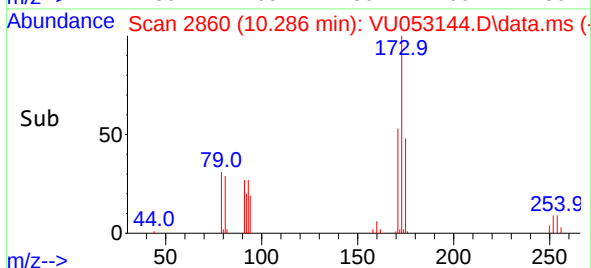
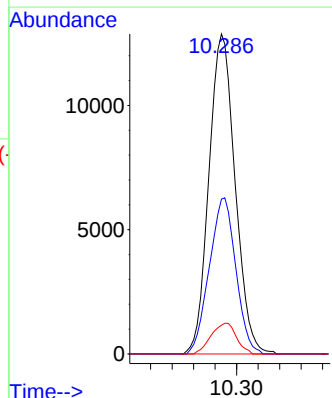
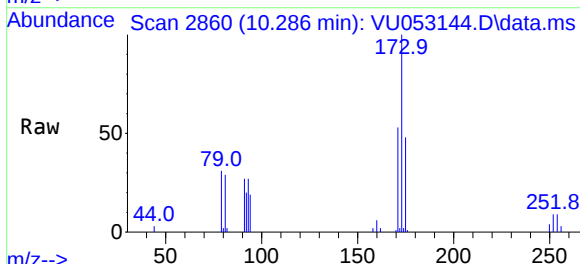
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

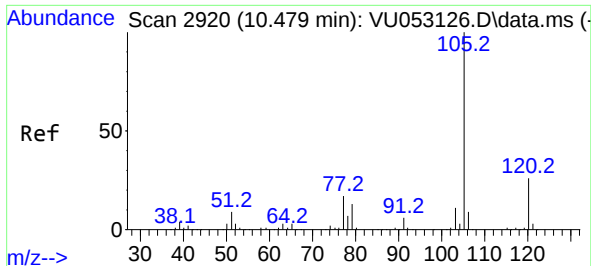
Tgt Ion: 83 Resp: 44769
Ion Ratio Lower Upper
83 100
85 63.2 44.7 82.9
131 9.3 7.8 11.6



#59
Bromoform
Concen: 4.999 ug/L
RT: 10.286 min Scan# 2860
Delta R.T. -0.003 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion:173 Resp: 21754
Ion Ratio Lower Upper
173 100
175 49.3 38.9 58.3
254 9.3 7.0 10.4

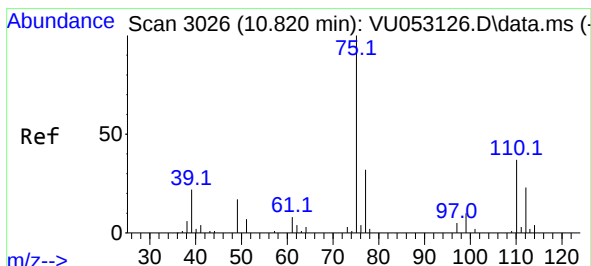
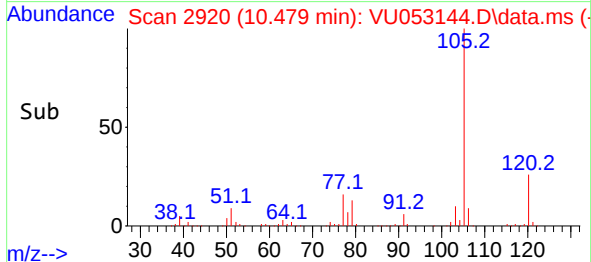
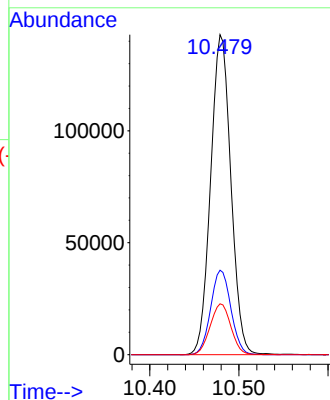
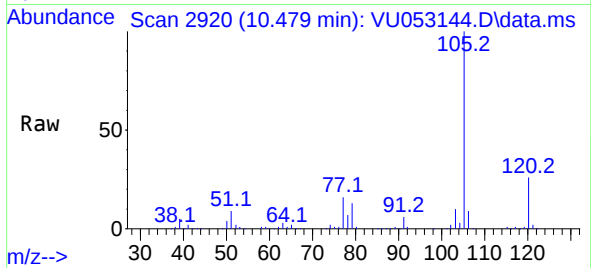




#60
Isopropylbenzene
Concen: 5.205 ug/L
RT: 10.479 min Scan# 2920
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

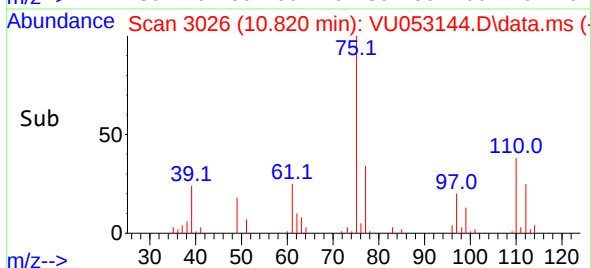
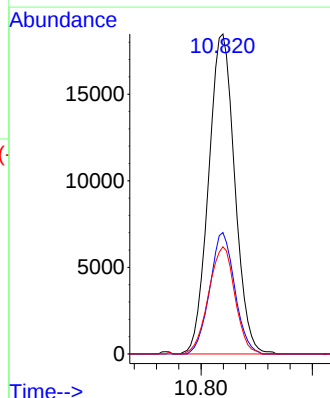
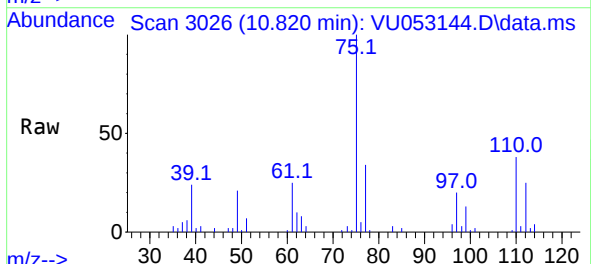
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

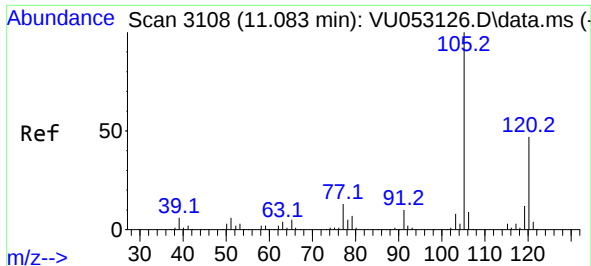
Tgt Ion:105 Resp: 225437
Ion Ratio Lower Upper
105 100
120 26.3 20.6 31.0
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.239 ug/L
RT: 10.820 min Scan# 3026
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion: 75 Resp: 30120
Ion Ratio Lower Upper
75 100
110 36.2 28.6 42.8
77 33.6 27.6 41.4





#62

1,3,5-Trimethylbenzene

Concen: 5.149 ug/L

RT: 11.083 min Scan# 3108

Delta R.T. -0.000 min

Lab File: VU053144.D

Acq: 20 Feb 2023 11:35

Instrument :

MSVOA_U

ClientSampleId :

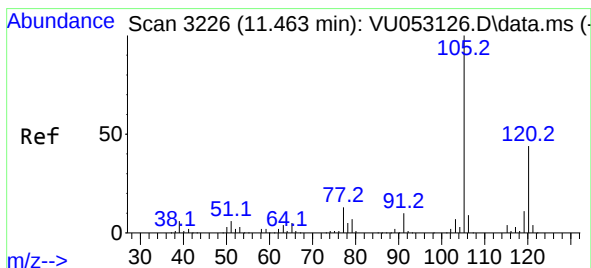
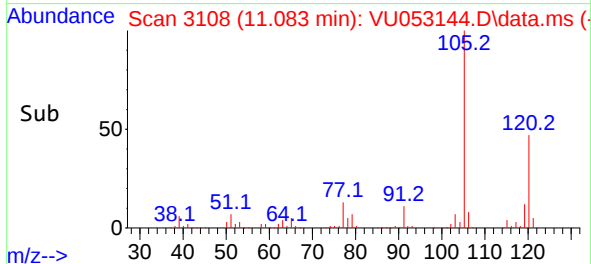
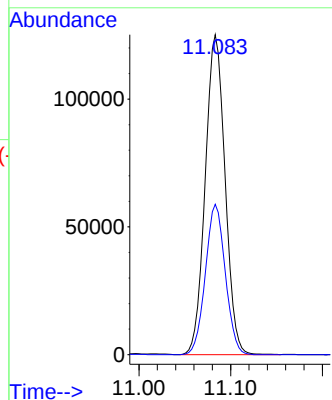
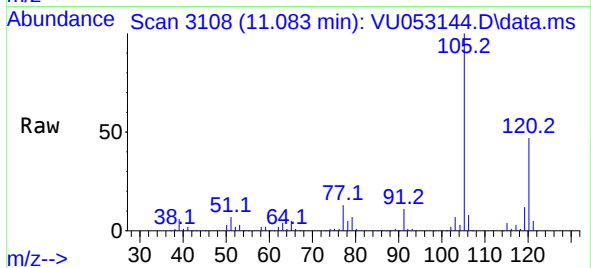
VSTD005144

Tgt Ion:105 Resp: 188354

Ion Ratio Lower Upper

105 100

120 47.0 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 5.181 ug/L

RT: 11.463 min Scan# 3226

Delta R.T. -0.000 min

Lab File: VU053144.D

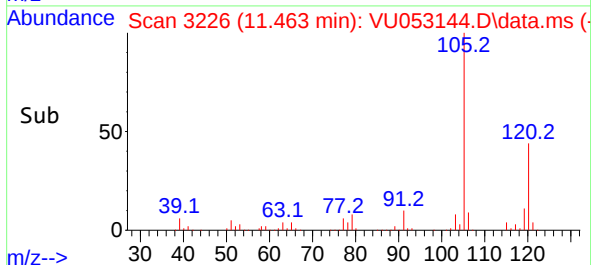
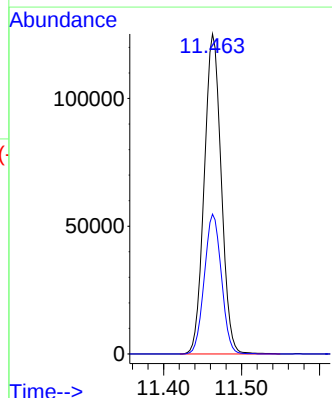
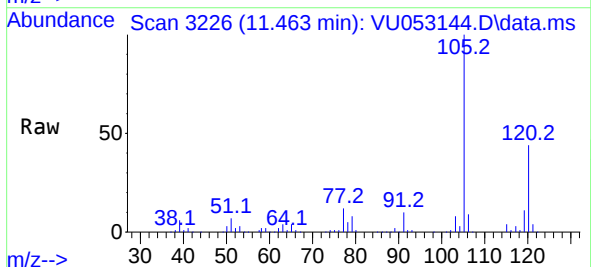
Acq: 20 Feb 2023 11:35

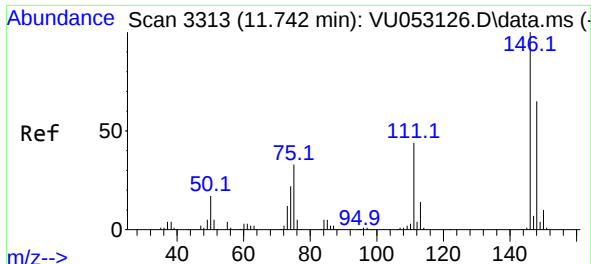
Tgt Ion:105 Resp: 189687

Ion Ratio Lower Upper

105 100

120 43.8 34.7 52.1

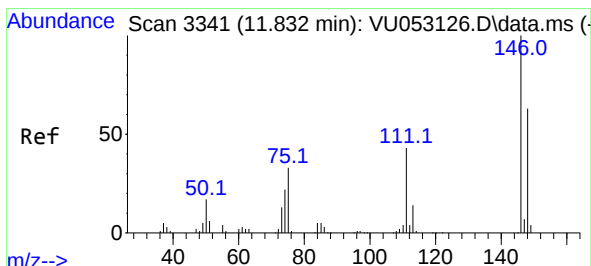
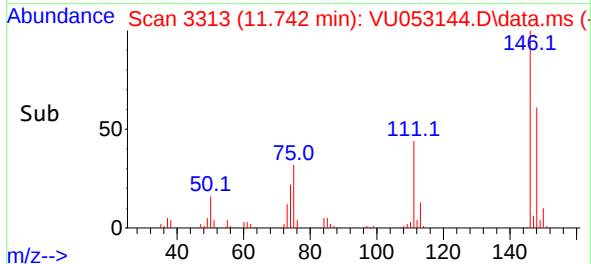
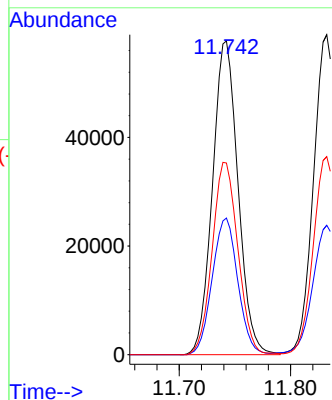
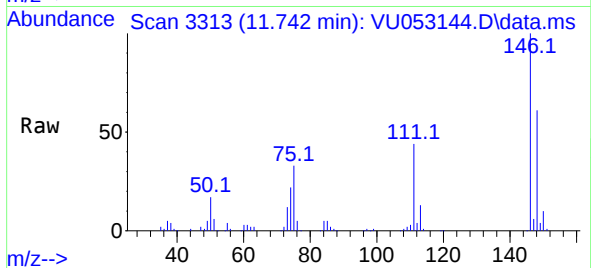




#64
1,3-Dichlorobenzene
Concen: 5.244 ug/L
RT: 11.742 min Scan# 3313
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

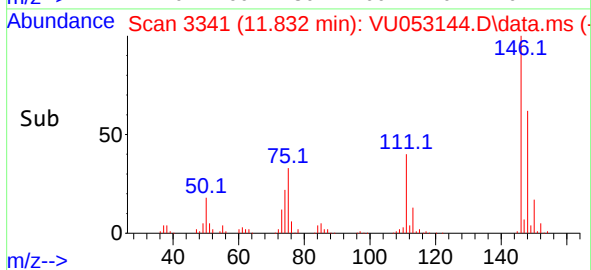
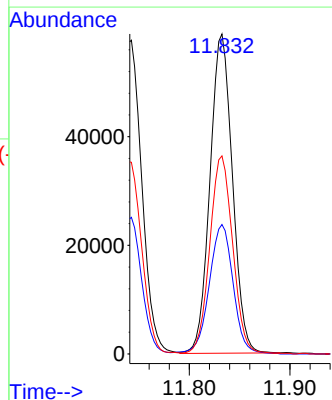
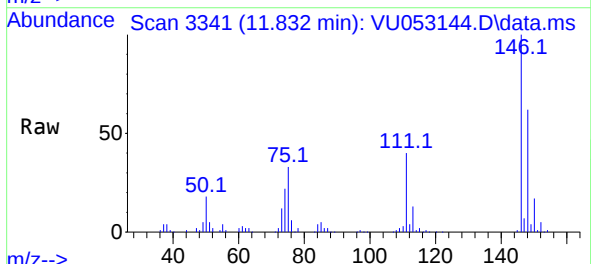
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

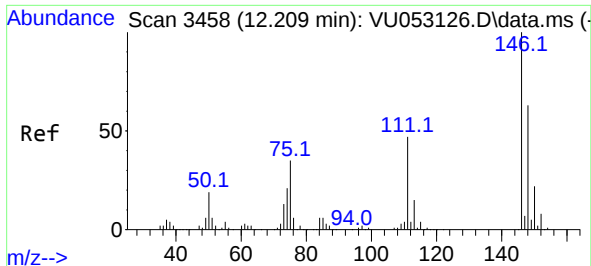
Tgt Ion:146 Resp: 91984
Ion Ratio Lower Upper
146 100
111 43.6 32.0 59.4
148 61.1 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 5.188 ug/L
RT: 11.832 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion:146 Resp: 91179
Ion Ratio Lower Upper
146 100
111 40.5 30.3 56.3
148 61.9 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 5.277 ug/L

RT: 12.209 min Scan# 3458

Delta R.T. -0.000 min

Lab File: VU053144.D

Acq: 20 Feb 2023 11:35

Instrument :

MSVOA_U

ClientSampleId :

VSTD005144

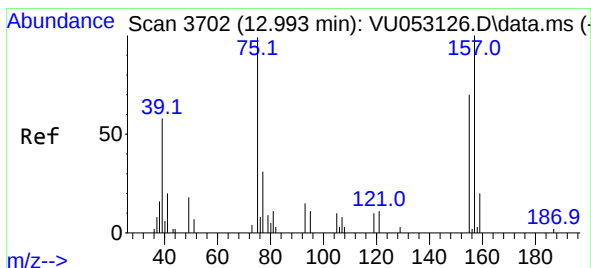
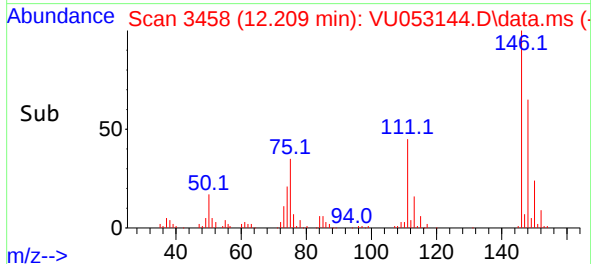
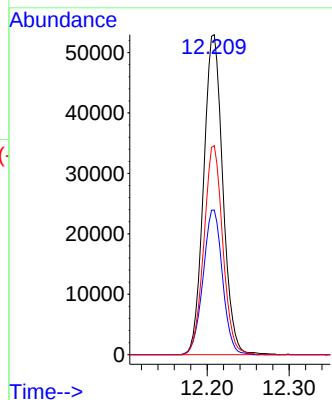
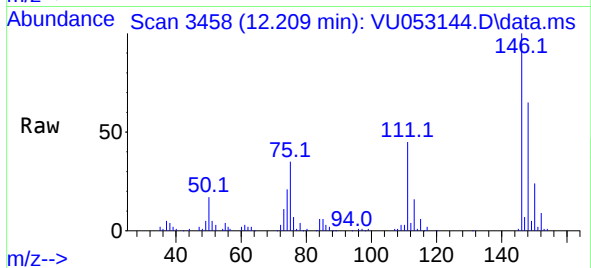
Tgt Ion:146 Resp: 86306

Ion Ratio Lower Upper

146 100

111 45.2 36.3 54.5

148 65.3 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.418 ug/L

RT: 12.993 min Scan# 3702

Delta R.T. -0.000 min

Lab File: VU053144.D

Acq: 20 Feb 2023 11:35

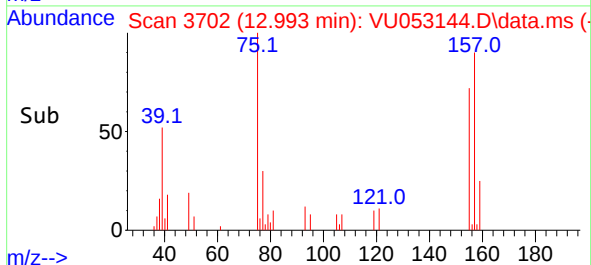
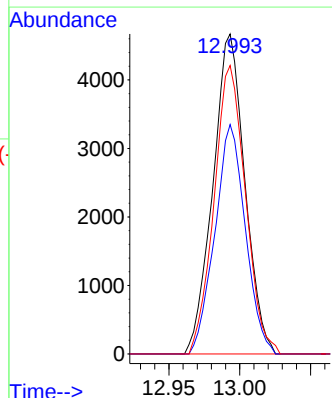
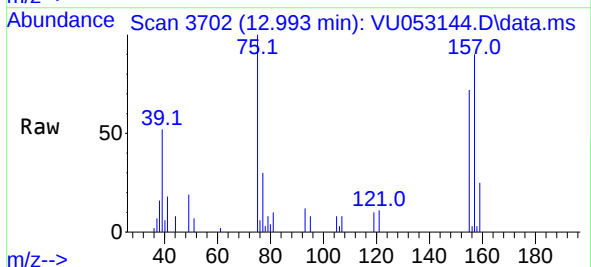
Tgt Ion: 75 Resp: 7320

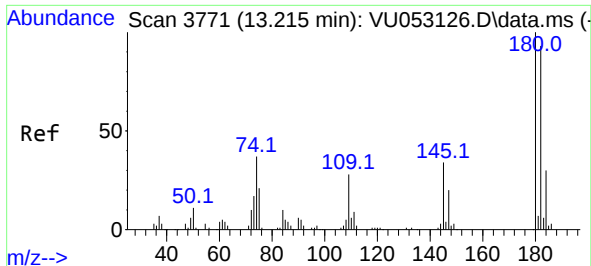
Ion Ratio Lower Upper

75 100

155 71.7 59.8 89.8

157 90.1 73.2 109.8

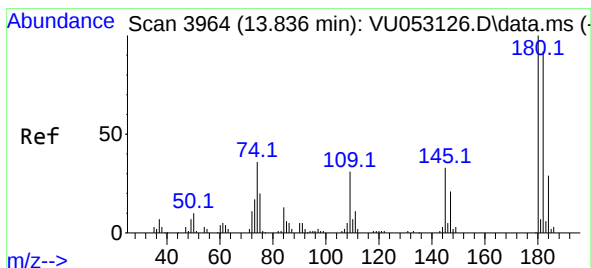
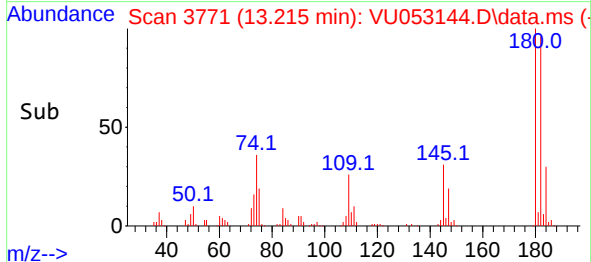
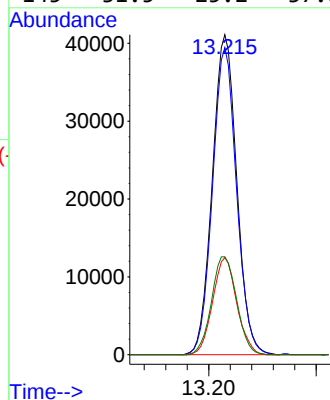
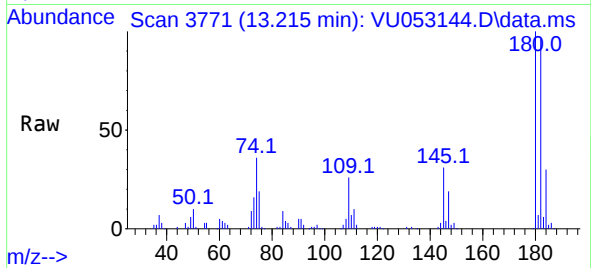




#69
1,3,5-Trichlorobenzene
Concen: 5.178 ug/L
RT: 13.215 min Scan# 3771
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

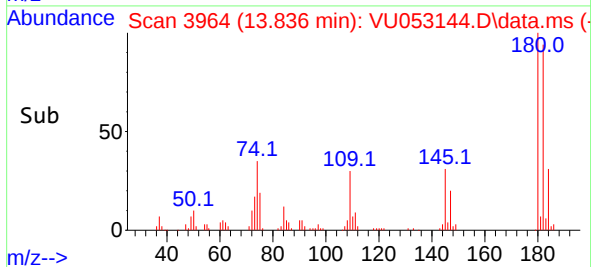
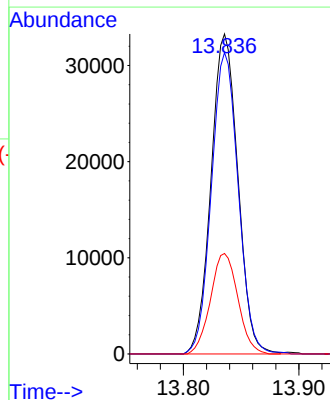
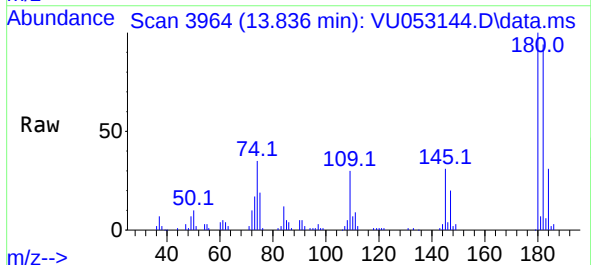
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

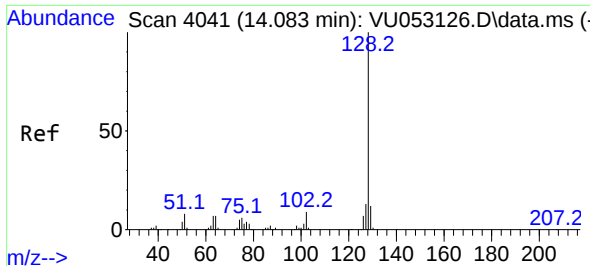
Tgt Ion:180 Resp: 64699
Ion Ratio Lower Upper
180 100
182 94.3 75.4 113.0
184 30.0 23.8 35.6
145 31.5 25.2 37.8



#70
1,2,4-trichlorobenzene
Concen: 5.173 ug/L
RT: 13.836 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion:180 Resp: 53658
Ion Ratio Lower Upper
180 100
182 94.2 74.9 112.3
145 32.1 25.1 37.7



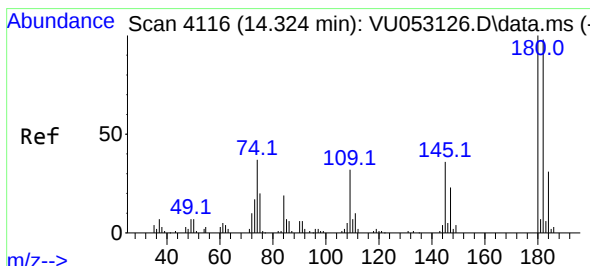
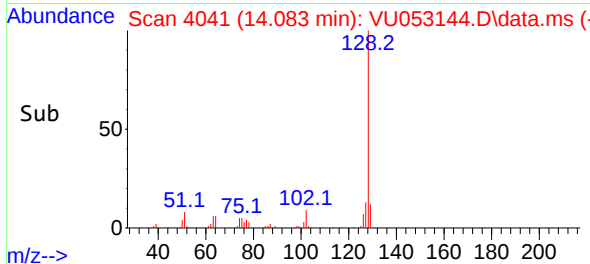
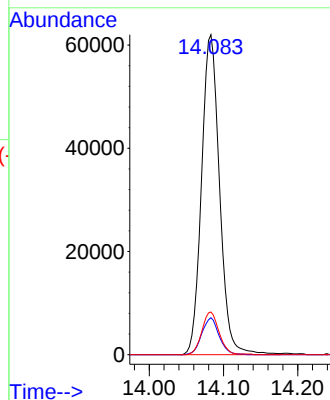
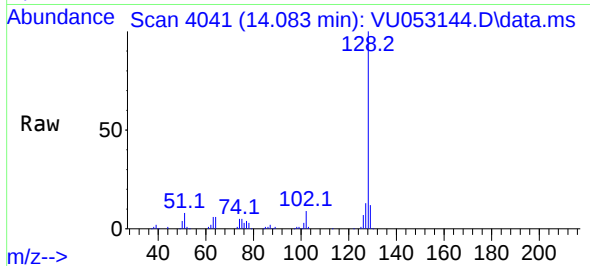


#71
Naphthalene
Concen: 5.027 ug/L
RT: 14.083 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

Tgt Ion:128 Resp: 104571

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.8	10.2	15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.288 ug/L
RT: 14.324 min Scan# 4116
Delta R.T. -0.000 min
Lab File: VU053144.D
Acq: 20 Feb 2023 11:35

Tgt Ion:180 Resp: 48415

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.2	114.4
145	35.1	28.2	42.2

