

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041723\
 Data File : VU053750.D
 Acq On : 18 Apr 2023 00:40
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005152

Quant Time: Apr 18 01:45:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 18 00:19:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	145889	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	139384	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	74934	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53907	5.371	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 107.400%		
7) Chloroethane-d5	1.909	69	47209	5.183	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 103.600%		
11) 1,1-Dichloroethene-d2	2.565	65	18599	4.350	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 87.000%		
20) 2-Butanone-d5	4.623	46	122815	53.417	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 106.840%		
24) Chloroform-d	5.057	84	98134	5.274	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.400%		
26) 1,2-Dichloroethane-d4	5.697	65	49678	5.210	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.200%		
32) Benzene-d6	5.723	84	191193	4.840	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.800%		
36) 1,2-Dichloropropane-d6	6.687	67	60530	5.029	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 100.600%		
41) Toluene-d8	7.893	98	179324	4.812	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.200%		
43) trans-1,3-Dichloroprop...	8.176	79	24570	5.319	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 106.400%		
46) 2-Hexanone-d5	8.629	63	109445	58.335	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 116.660%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	53875	5.377	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.600%		
66) 1,2-Dichlorobenzene-d4	12.189	152	72438	5.373	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 107.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	52181	4.984	ug/L	99
3) Chloromethane	1.520	50	52015	4.939	ug/L	99
5) Vinyl chloride	1.601	62	62443	5.258	ug/L	96
6) Bromomethane	1.855	94	35828	4.763	ug/L	96
8) Chloroethane	1.932	64	37727	5.465	ug/L	98
9) Trichlorofluoromethane	2.134	101	92893	5.180	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	51177	5.630	ug/L	93
12) 1,1-Dichloroethene	2.575	96	43694	5.290	ug/L	96
13) Acetone	2.636	43	64667	47.394	ug/L #	51
14) Carbon disulfide	2.790	76	101938	4.205	ug/L	99
15) Methyl Acetate	2.951	43	17191	5.371	ug/L	98
16) Methylene chloride	3.041	84	62311	5.744	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	108069	5.397	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	45534	5.307	ug/L	93
19) 1,1-Dichloroethane	3.864	63	83916	5.309	ug/L	96
21) 2-Butanone	4.703	43	107869	50.914	ug/L	99
22) cis-1,2-Dichloroethene	4.662	96	54026	4.674	ug/L	92
23) Bromochloromethane	4.970	128	24326	5.946	ug/L	93
25) Chloroform	5.083	83	95949	5.902	ug/L	95

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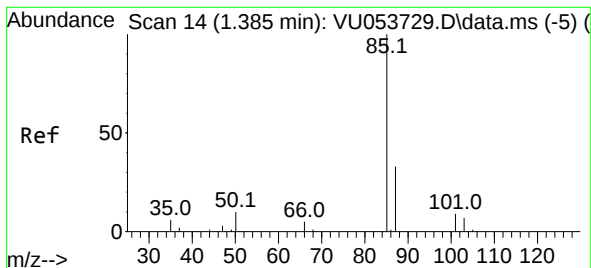
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	56048	5.504	ug/L #	92
29) 1,1,1-Trichloroethane	5.311	97	80210	5.829	ug/L	95
30) Cyclohexane	5.385	56	66368	4.527	ug/L	99
31) Carbon tetrachloride	5.520	117	67857	5.828	ug/L	99
33) Benzene	5.771	78	194050	5.196	ug/L	100
34) Trichloroethene	6.536	95	53568	5.386	ug/L	93
35) Methylcyclohexane	6.758	83	76612	4.489	ug/L	97
37) 1,2-Dichloropropane	6.787	63	51971	5.270	ug/L	99
38) Bromodichloromethane	7.102	83	63218	5.772	ug/L #	99
39) cis-1,3-Dichloropropene	7.604	75	70921	4.868	ug/L	96
40) 4-Methyl-2-pentanone	7.784	43	264566	54.826	ug/L	97
42) Toluene	7.967	91	213573	5.234	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	60405	5.096	ug/L	96
45) 1,1,2-Trichloroethane	8.395	97	39775	5.681	ug/L	91
47) Tetrachloroethene	8.549	164	41294	5.651	ug/L	97
48) 2-Hexanone	8.677	43	199249	55.842	ug/L	95
49) Dibromochloromethane	8.806	129	41570	6.004	ug/L	97
50) 1,2-Dibromoethane	8.919	107	38514	5.695	ug/L	96
51) Chlorobenzene	9.443	112	140153	5.445	ug/L	98
52) Ethylbenzene	9.565	91	233472	5.249	ug/L	98
53) m,p-Xylene	9.690	106	89335	5.269	ug/L	94
54) o-Xylene	10.095	106	85971	5.344	ug/L	98
55) Styrene	10.111	104	147627	5.588	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.777	83	48243	5.456	ug/L	94
59) Bromoform	10.288	173	21868	5.668	ug/L	97
60) Isopropylbenzene	10.481	105	233030	5.120	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	33748	5.436	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	189708	5.136	ug/L	96
63) 1,2,4-Trimethylbenzene	11.465	105	195094	5.158	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	115469	5.770	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	113842	5.666	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	109950	5.796	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	6765	5.619	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	81233	5.815	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	68376	6.156	ug/L	98
71) Naphthalene	14.082	128	120708	5.768	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	63310	6.530	ug/L	99

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

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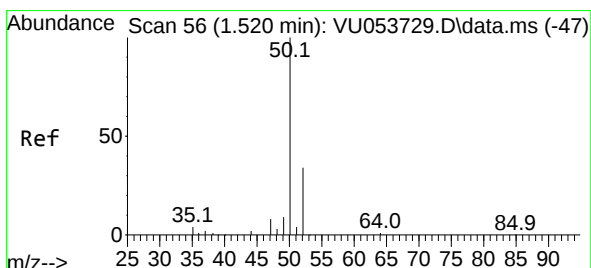
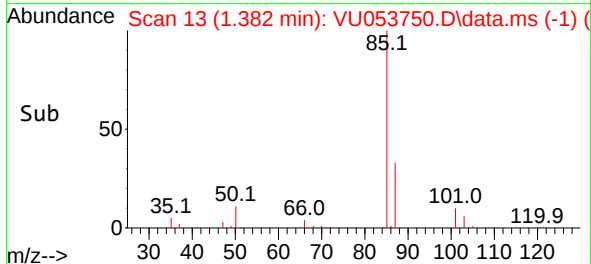
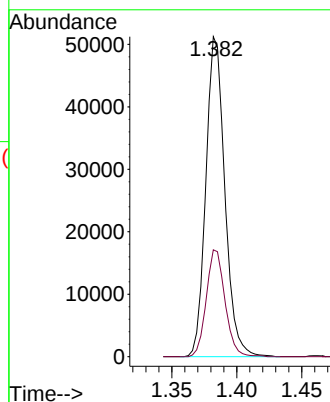
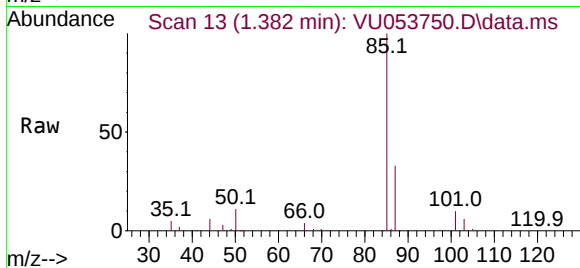




#2
Dichlorodifluoromethane
Concen: 4.984 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

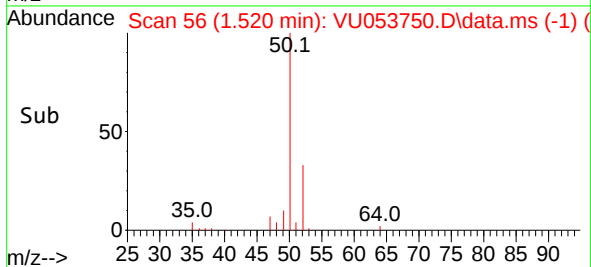
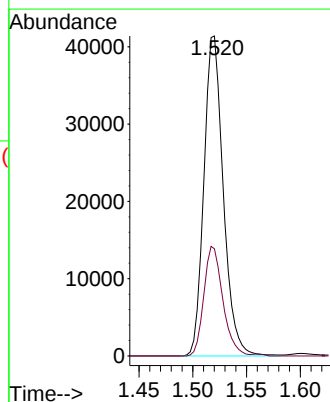
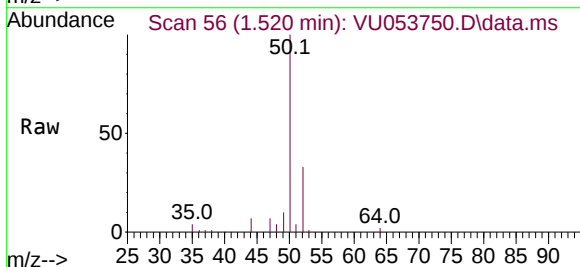
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

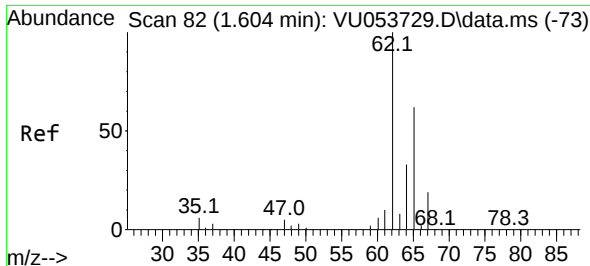
Tgt Ion: 85 Resp: 52181
Ion Ratio Lower Upper
85 100
87 32.9 26.1 39.1



#3
Chloromethane
Concen: 4.939 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

Tgt Ion: 50 Resp: 52015
Ion Ratio Lower Upper
50 100
52 33.5 23.9 44.3

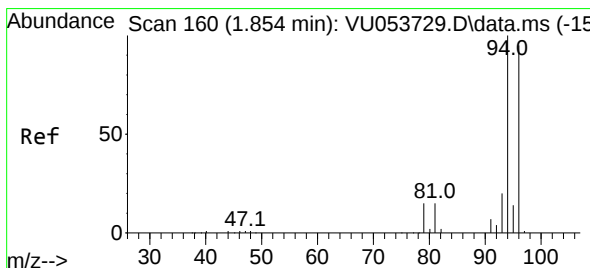
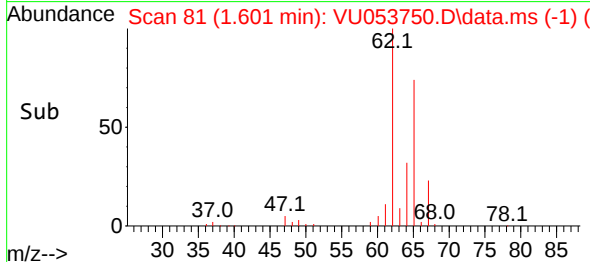
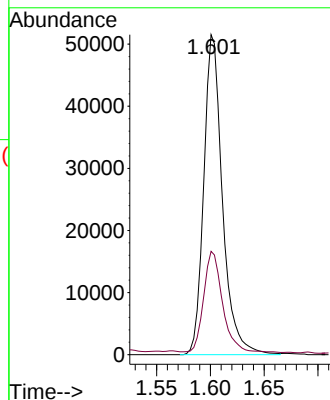
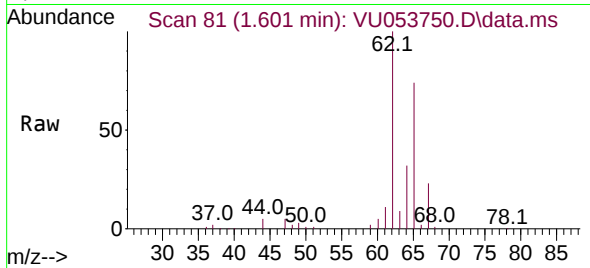




#5
 Vinyl chloride
 Concen: 5.258 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU053750.D
 Acq: 18 Apr 2023 00:40

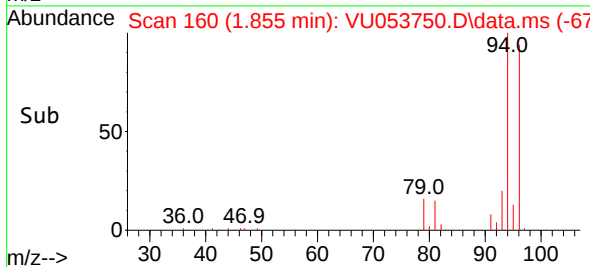
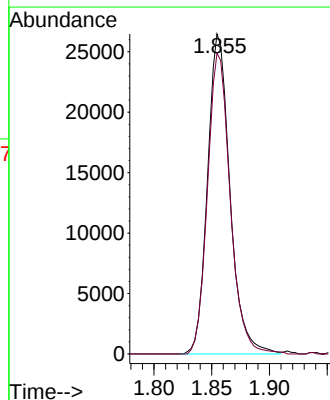
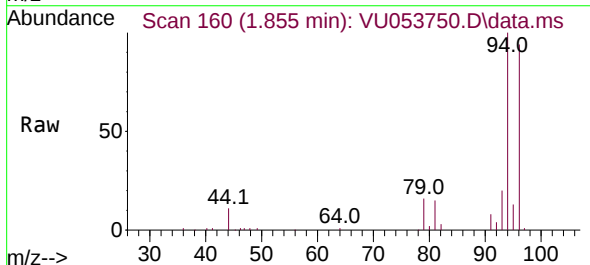
Instrument :
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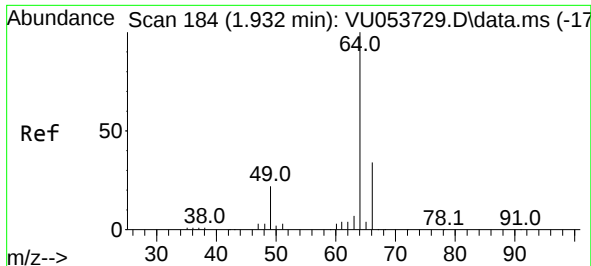
Tgt Ion: 62 Resp: 62443
 Ion Ratio Lower Upper
 62 100
 64 32.3 24.1 44.7



#6
 Bromomethane
 Concen: 4.763 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VU053750.D
 Acq: 18 Apr 2023 00:40

Tgt Ion: 94 Resp: 35828
 Ion Ratio Lower Upper
 94 100
 96 94.0 68.3 126.8

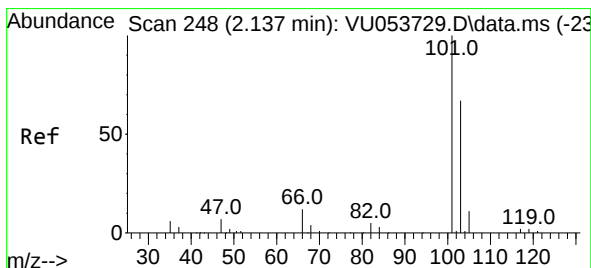
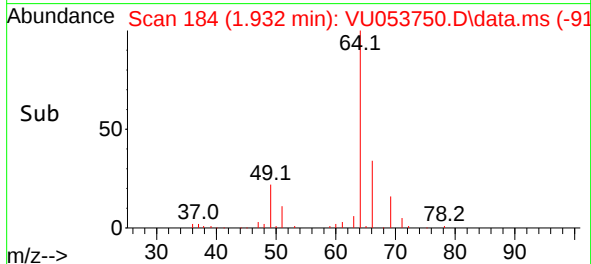
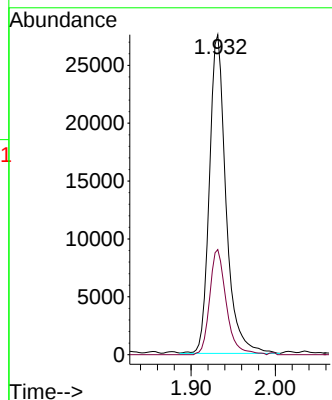
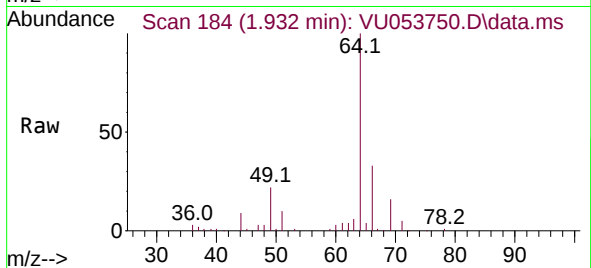




#8
Chloroethane
Concen: 5.465 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

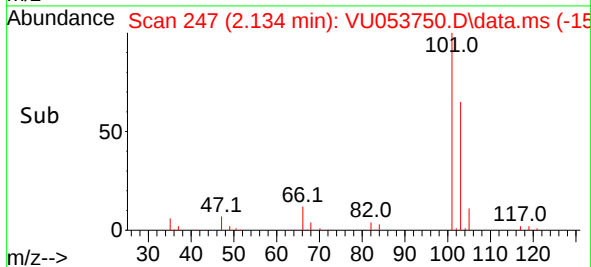
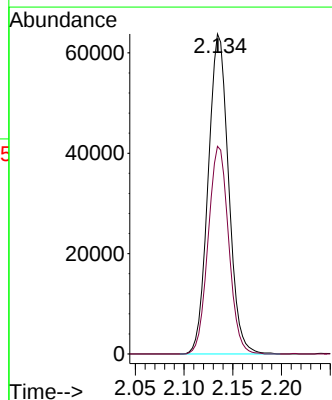
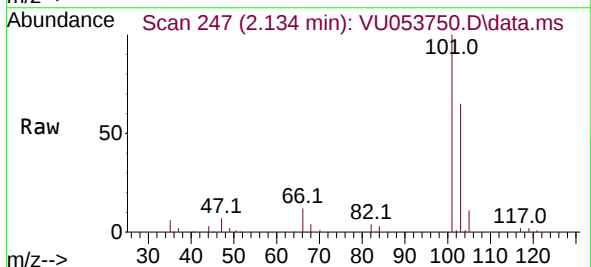
Instrument :
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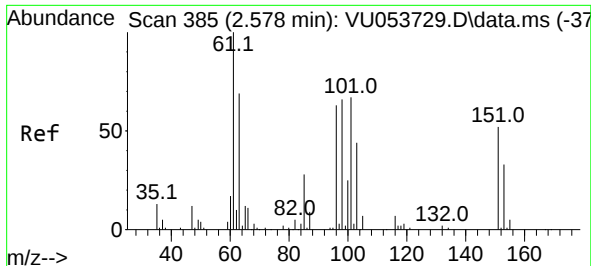
Tgt Ion: 64 Resp: 37727
Ion Ratio Lower Upper
64 100
66 32.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.180 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

Tgt Ion:101 Resp: 92893
Ion Ratio Lower Upper
101 100
103 65.0 50.2 75.2

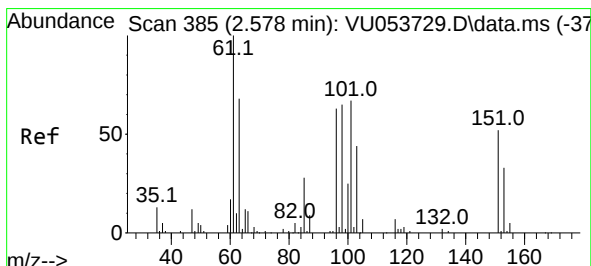
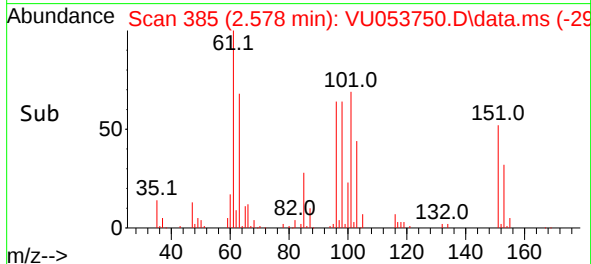
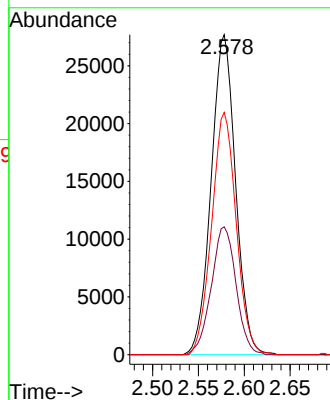
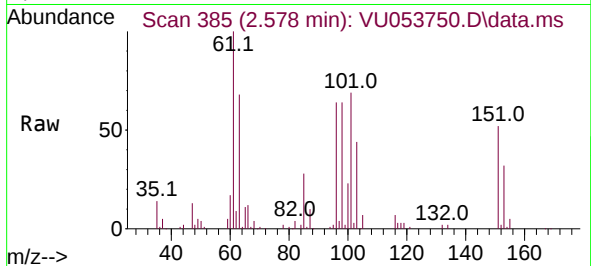




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.630 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU053750.D
 Acq: 18 Apr 2023 00:40

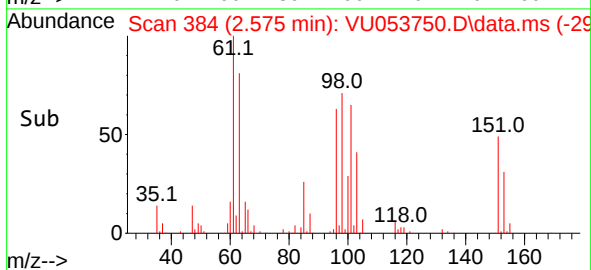
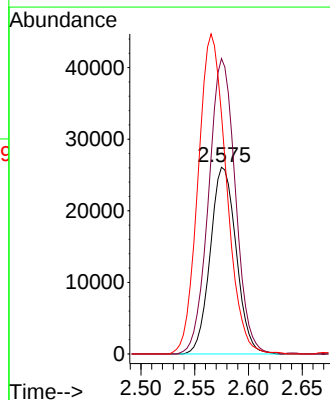
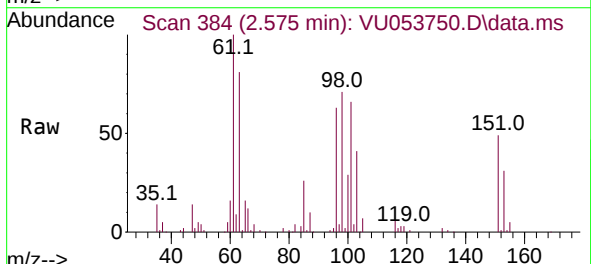
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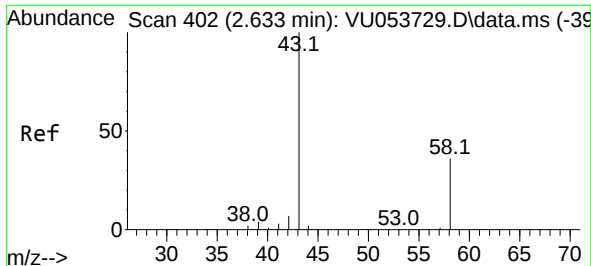
Tgt Ion:101 Resp: 51177
 Ion Ratio Lower Upper
 101 100
 85 40.6 37.0 55.4
 151 76.4 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 5.290 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU053750.D
 Acq: 18 Apr 2023 00:40

Tgt Ion: 96 Resp: 43694
 Ion Ratio Lower Upper
 96 100
 61 158.1 116.8 216.8
 63 128.3 88.6 164.6





#13

Acetone

Concen: 47.394 ug/L

RT: 2.636 min Scan# 402

Delta R.T. 0.003 min

Lab File: VU053750.D

Acq: 18 Apr 2023 00:40

Instrument :

MSVOA_U

ClientSampleId :

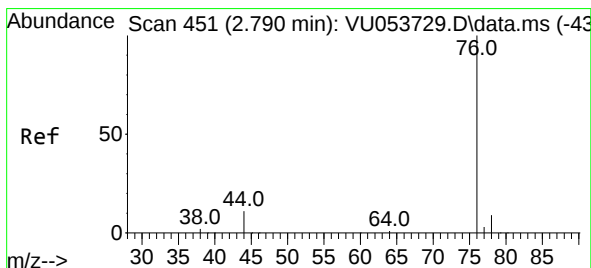
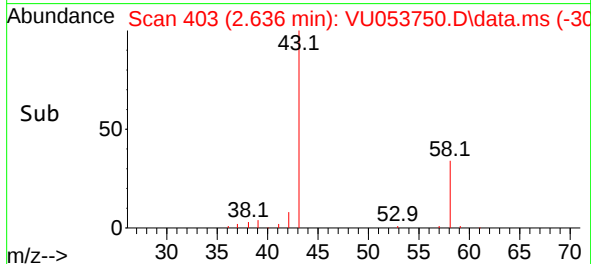
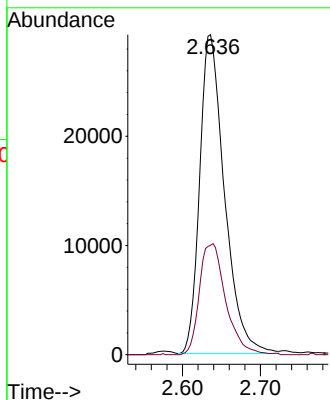
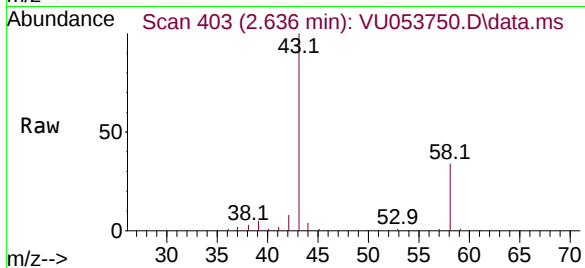
VSTD005152

Tgt Ion: 43 Resp: 64667

Ion Ratio Lower Upper

43 100

58 36.9 0.0 32.2#



#14

Carbon disulfide

Concen: 4.205 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU053750.D

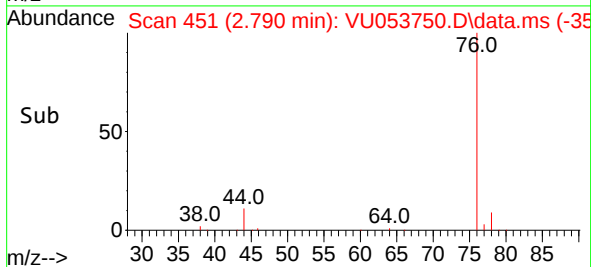
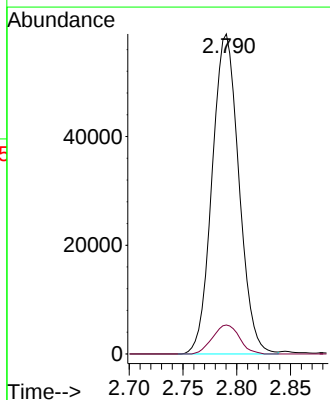
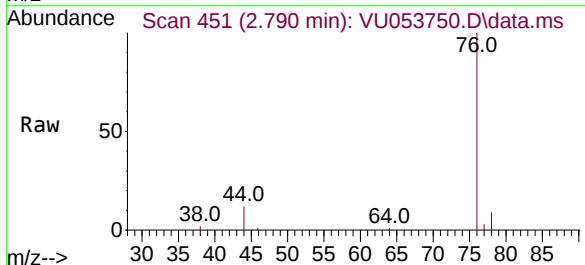
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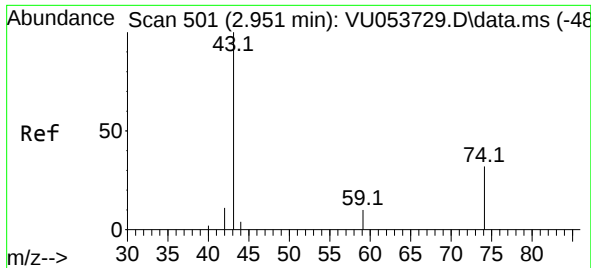
Tgt Ion: 76 Resp: 101938

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4

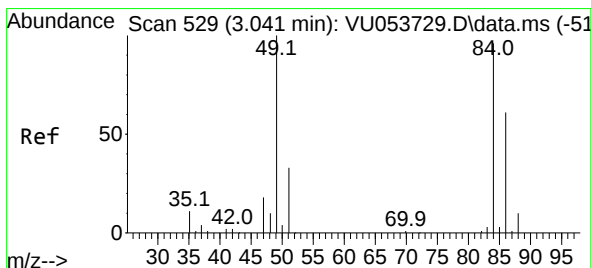
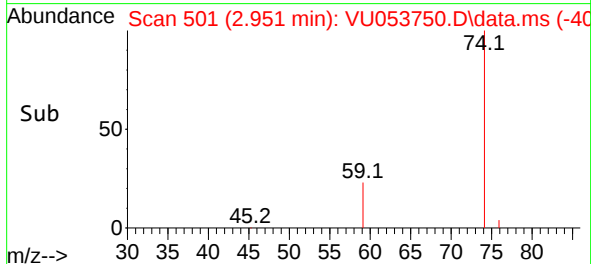
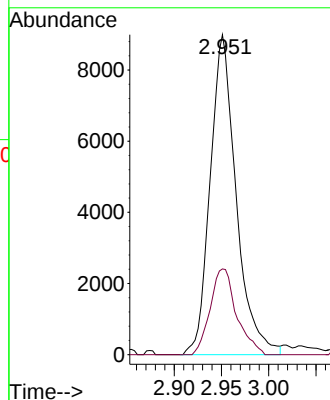
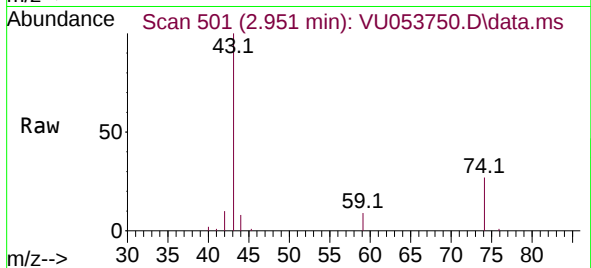




#15
Methyl Acetate
Concen: 5.371 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.000 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

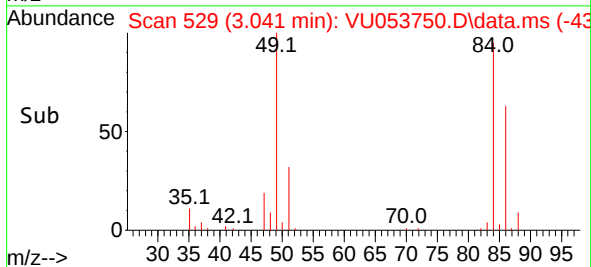
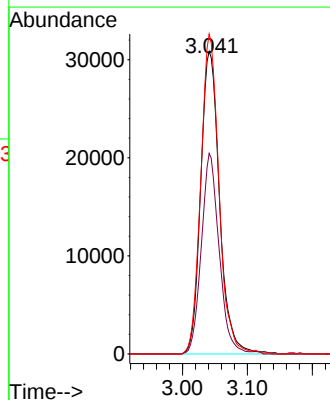
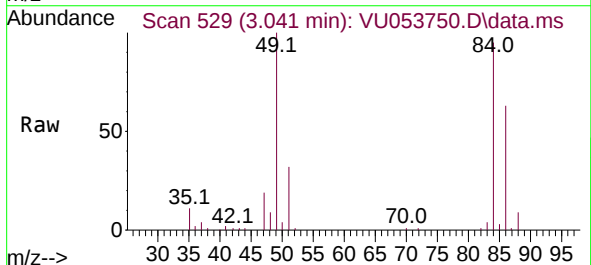
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

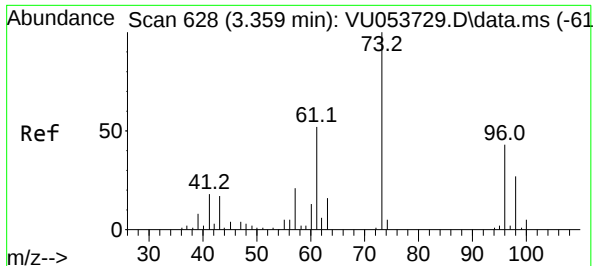
Tgt Ion: 43 Resp: 17191
Ion Ratio Lower Upper
43 100
74 27.2 20.8 31.2



#16
Methylene chloride
Concen: 5.744 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

Tgt Ion: 84 Resp: 62311
Ion Ratio Lower Upper
84 100
86 66.3 44.7 83.1
49 105.8 75.5 140.1





#17

Methyl tert-butyl Ether

Concen: 5.397 ug/L

RT: 3.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU053750.D

Acq: 18 Apr 2023 00:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD005152

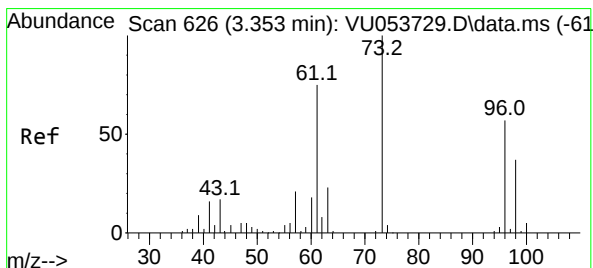
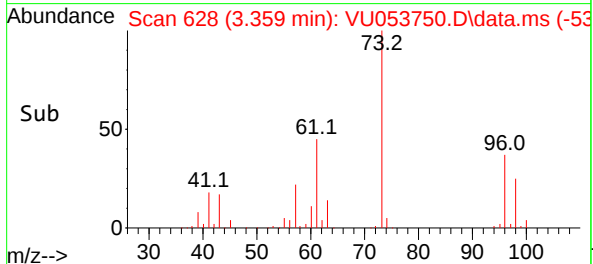
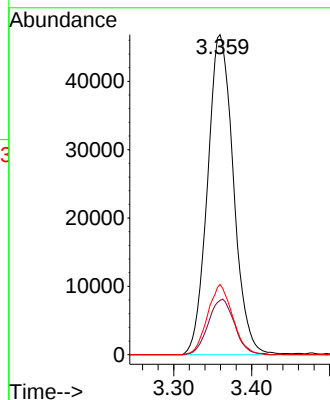
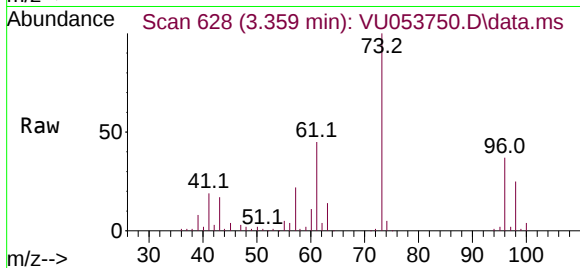
Tgt Ion: 73 Resp: 108069

Ion Ratio Lower Upper

73 100

43 17.6 13.9 20.9

57 21.2 17.0 25.6



#18

trans-1,2-Dichloroethene

Concen: 5.307 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU053750.D

Acq: 18 Apr 2023 00:40

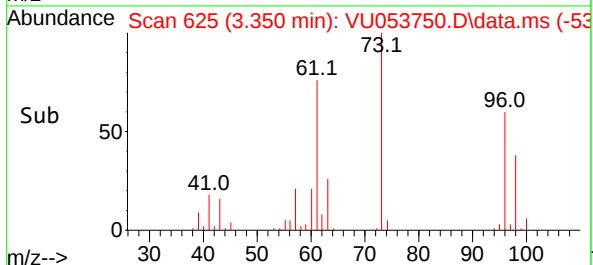
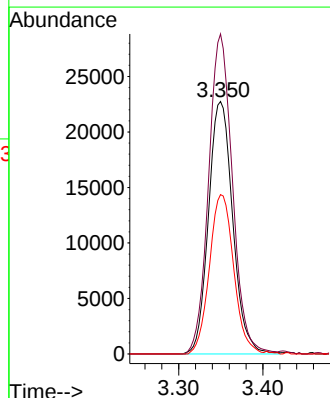
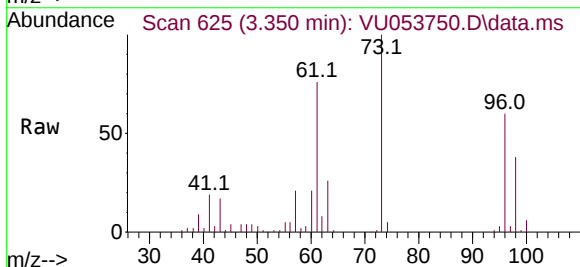
Tgt Ion: 96 Resp: 45534

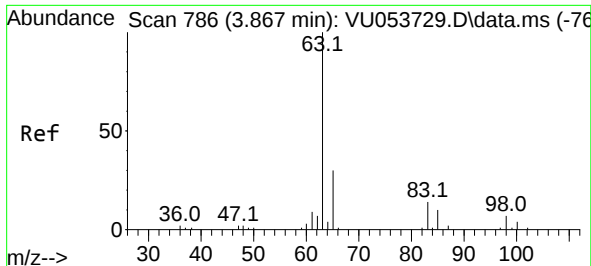
Ion Ratio Lower Upper

96 100

61 126.8 95.5 177.3

98 63.1 42.2 78.4

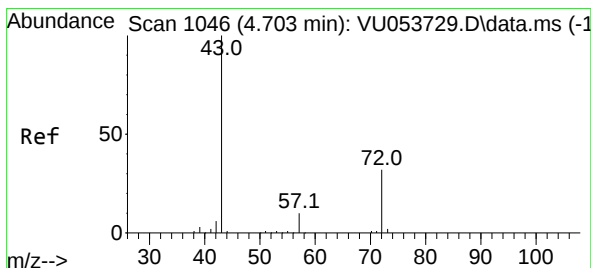
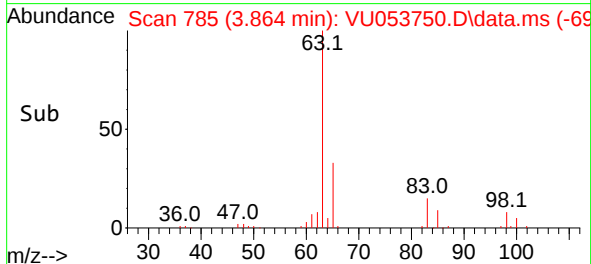
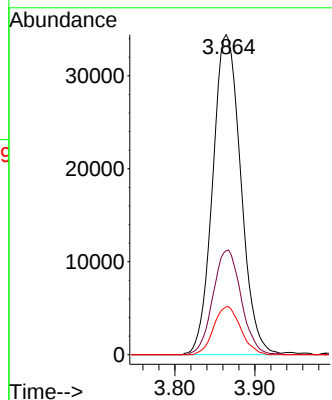
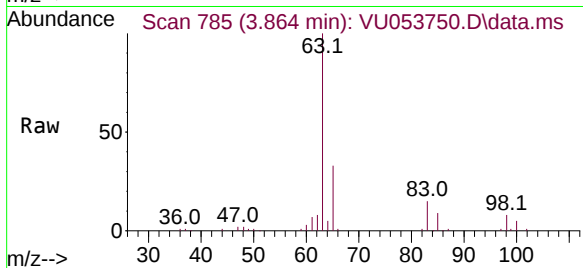




#19
1,1-Dichloroethane
Concen: 5.309 ug/L
RT: 3.864 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

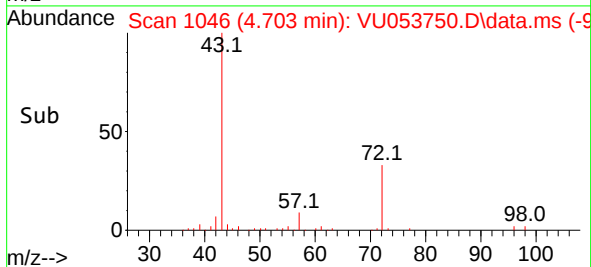
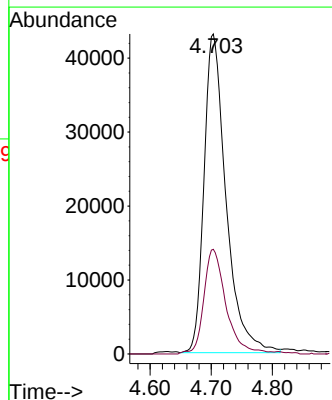
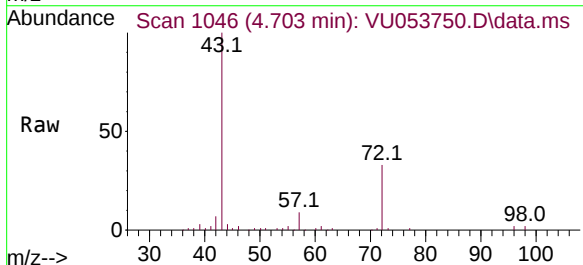
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

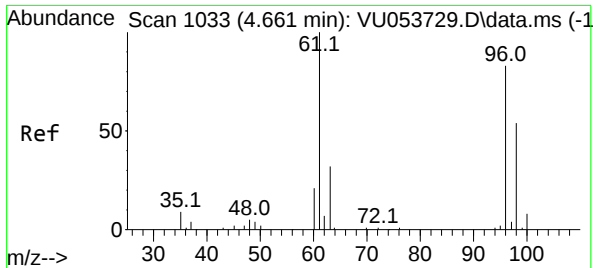
Tgt Ion: 63 Resp: 83916
Ion Ratio Lower Upper
63 100
65 32.5 21.7 40.3
83 15.0 8.1 15.1



#21
2-Butanone
Concen: 50.914 ug/L
RT: 4.703 min Scan# 1046
Delta R.T. 0.000 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

Tgt Ion: 43 Resp: 107869
Ion Ratio Lower Upper
43 100
72 33.1 16.2 48.6

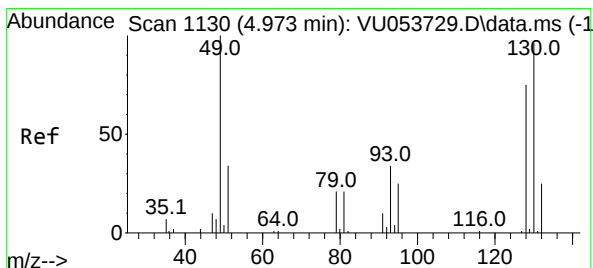
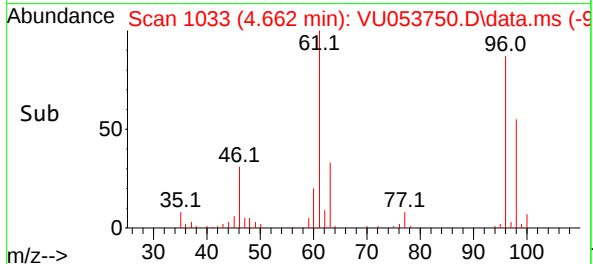
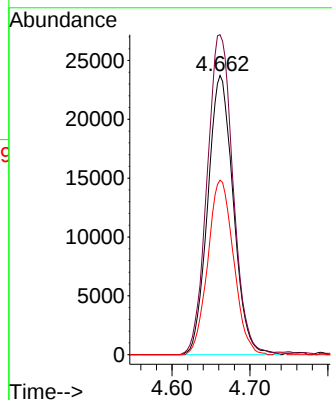
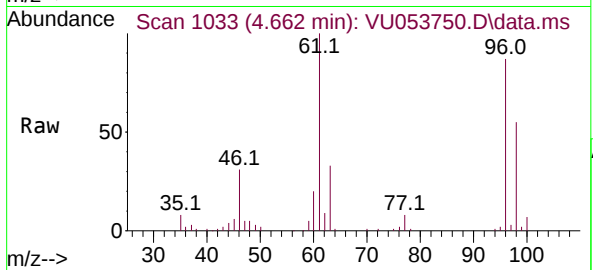




#22
cis-1,2-Dichloroethene
Concen: 4.674 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

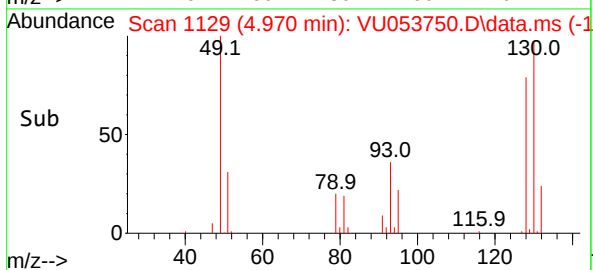
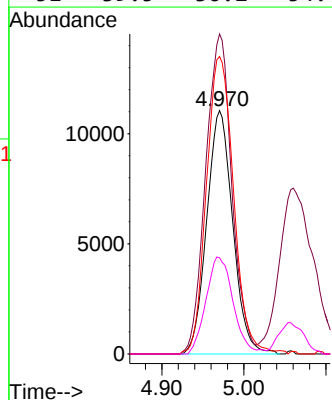
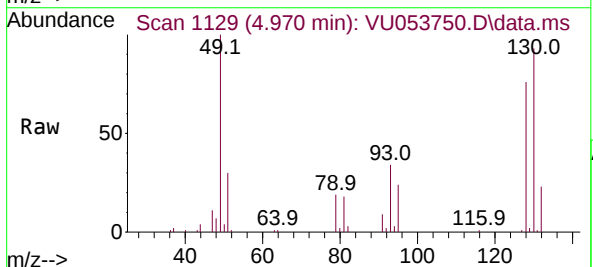
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

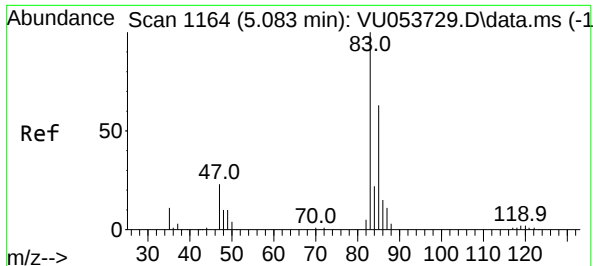
Tgt Ion: 96 Resp: 54026
Ion Ratio Lower Upper
96 100
61 114.6 86.6 160.8
98 62.5 47.7 88.5



#23
Bromochloromethane
Concen: 5.946 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

Tgt Ion: 128 Resp: 24326
Ion Ratio Lower Upper
128 100
49 131.5 102.8 190.8
130 122.3 85.1 158.1
51 39.5 36.2 54.4





#25

Chloroform

Concen: 5.902 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU053750.D

Acq: 18 Apr 2023 00:40

Instrument :

MSVOA_U

ClientSampleId :

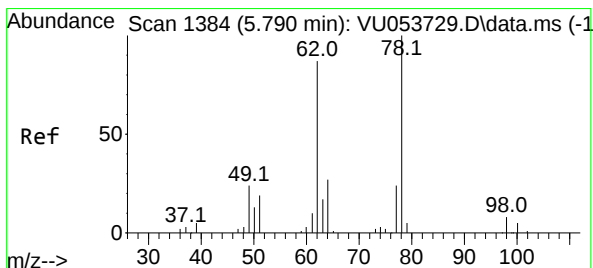
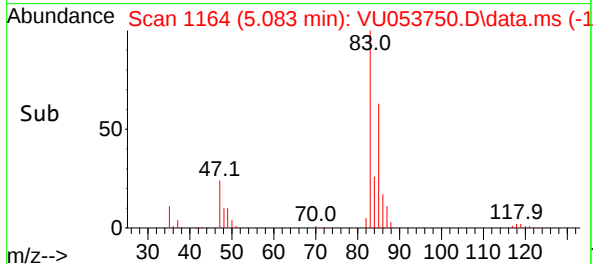
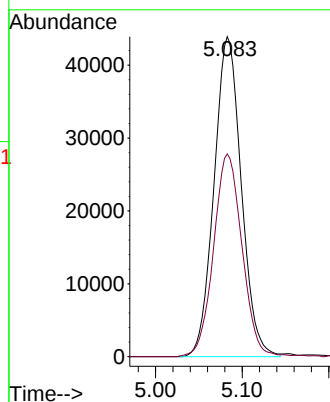
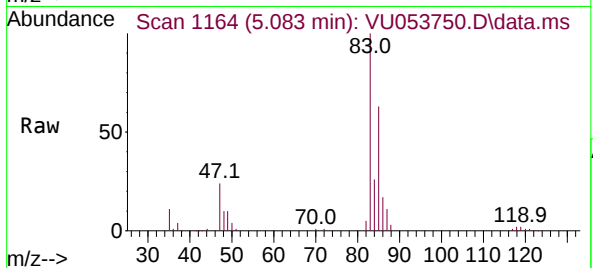
VSTD005152

Tgt Ion: 83 Resp: 95949

Ion Ratio Lower Upper

83 100

85 63.4 47.3 87.9



#27

1,2-Dichloroethane

Concen: 5.504 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU053750.D

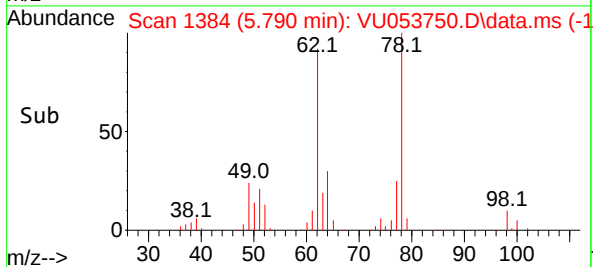
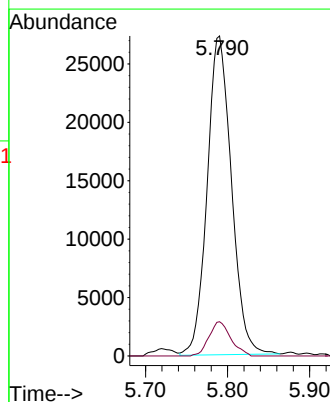
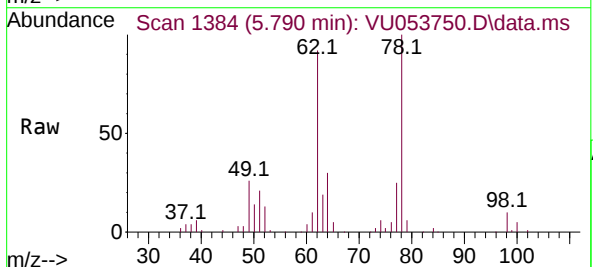
Acq: 18 Apr 2023 00:40

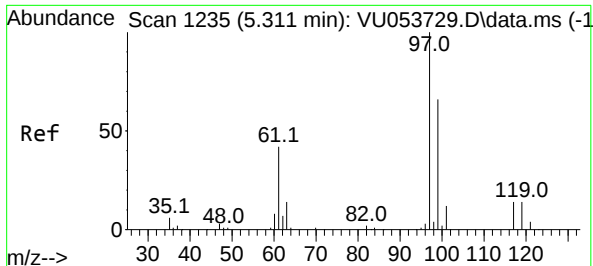
Tgt Ion: 62 Resp: 56048

Ion Ratio Lower Upper

62 100

98 10.7 6.4 9.6#





#29

1,1,1-Trichloroethane

Concen: 5.829 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VU053750.D

Acq: 18 Apr 2023 00:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD005152

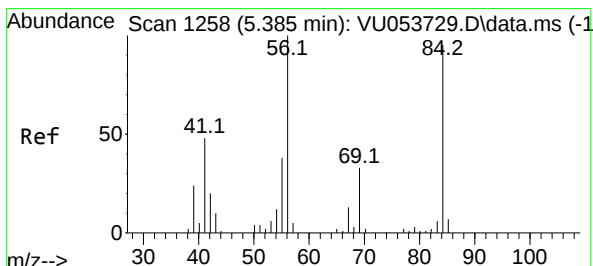
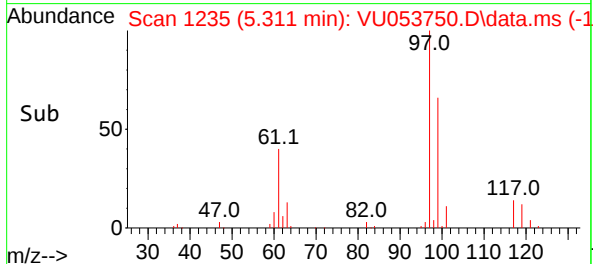
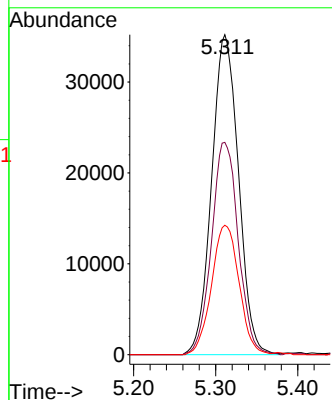
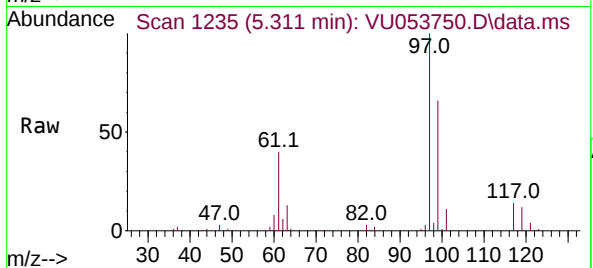
Tgt Ion: 97 Resp: 80210

Ion Ratio Lower Upper

97 100

99 66.2 49.9 74.9

61 41.5 35.7 53.5



#30

Cyclohexane

Concen: 4.527 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU053750.D

Acq: 18 Apr 2023 00:40

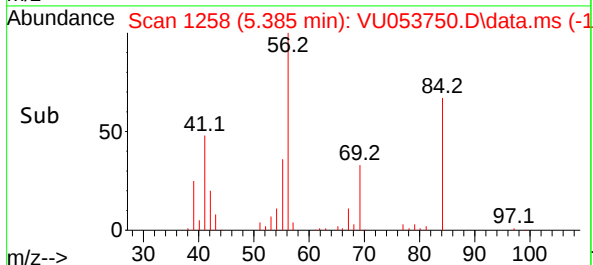
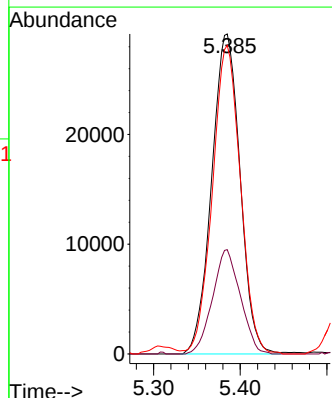
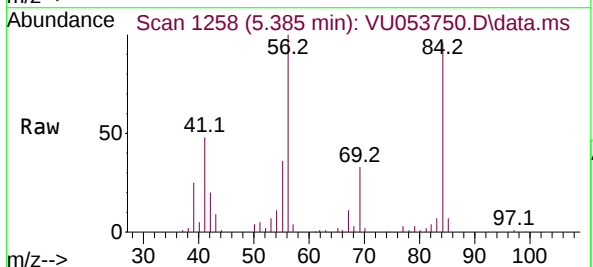
Tgt Ion: 56 Resp: 66368

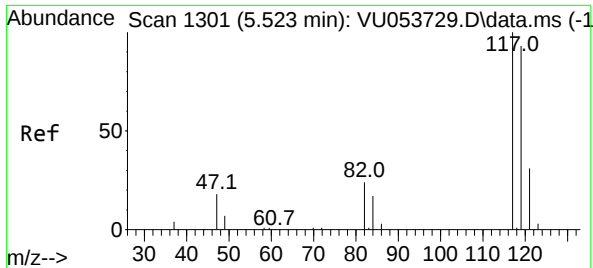
Ion Ratio Lower Upper

56 100

69 31.9 26.1 39.1

84 95.2 75.6 113.4

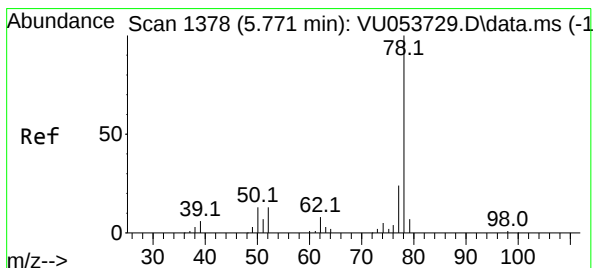
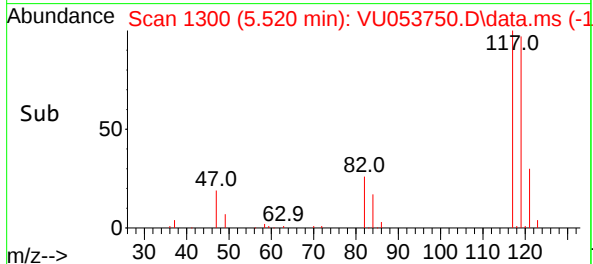
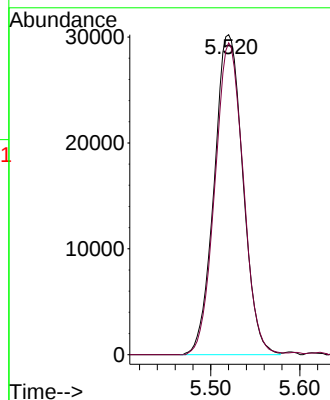
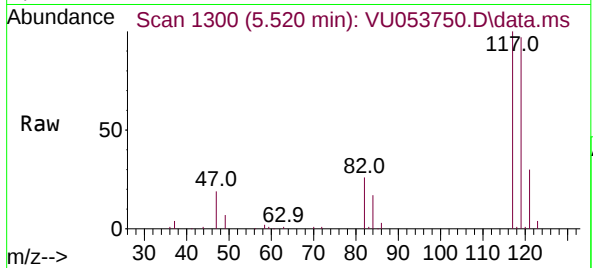




#31
Carbon tetrachloride
Concen: 5.828 ug/L
RT: 5.520 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

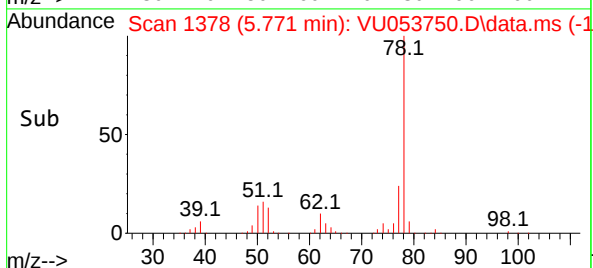
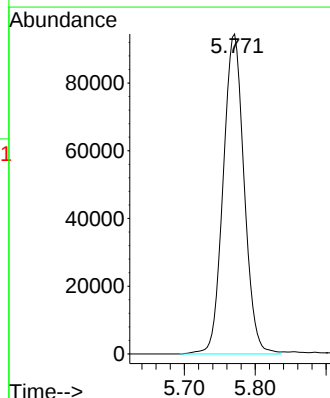
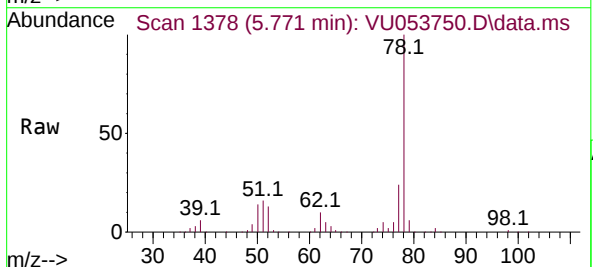
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

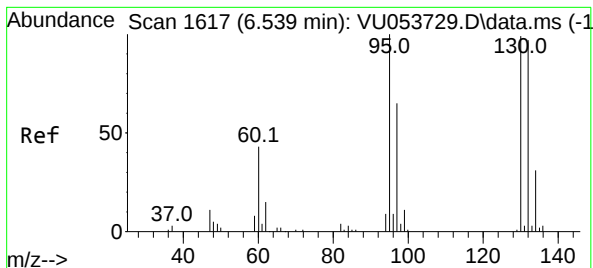
Tgt Ion:117 Resp: 67857
Ion Ratio Lower Upper
117 100
119 96.0 77.7 116.5



#33
Benzene
Concen: 5.196 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

Tgt Ion: 78 Resp: 194050





#34

Trichloroethene

Concen: 5.386 ug/L

RT: 6.536 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU053750.D

Acq: 18 Apr 2023 00:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD005152

Tgt Ion: 95 Resp: 53568

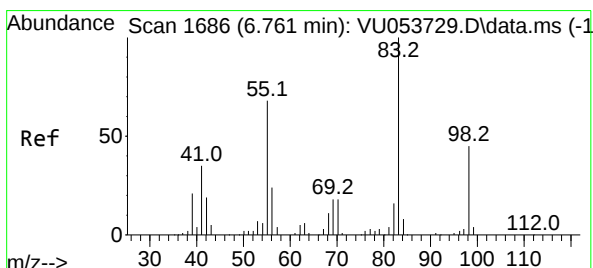
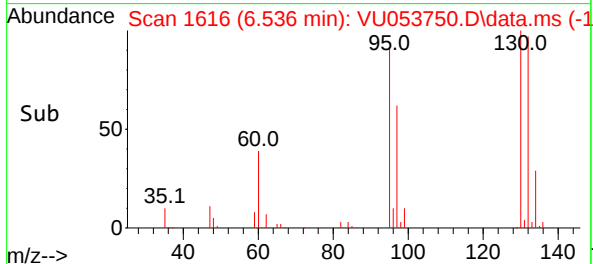
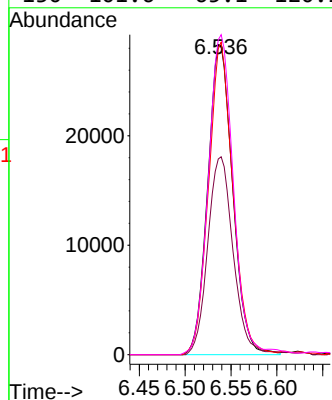
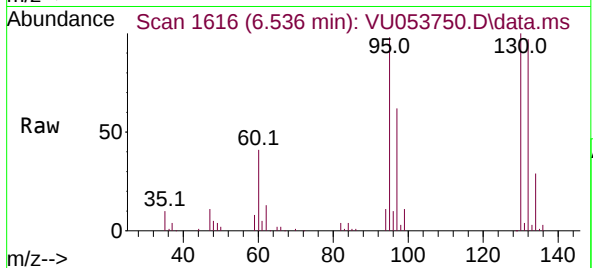
Ion Ratio Lower Upper

95 100

97 63.1 45.3 84.1

132 98.7 62.8 116.6

130 101.6 65.1 120.9



#35

Methylcyclohexane

Concen: 4.489 ug/L

RT: 6.758 min Scan# 1685

Delta R.T. -0.003 min

Lab File: VU053750.D

Acq: 18 Apr 2023 00:40

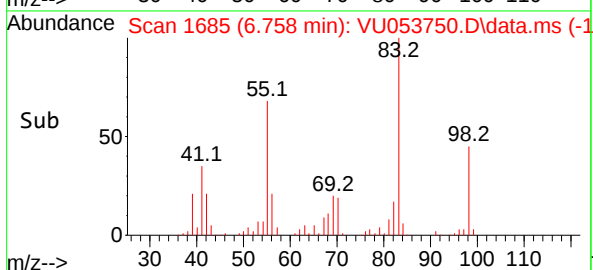
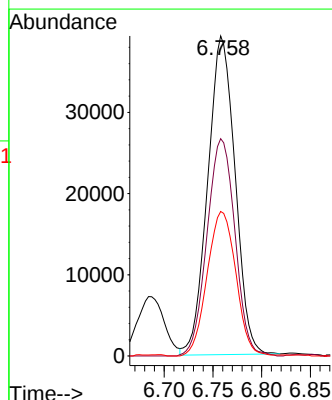
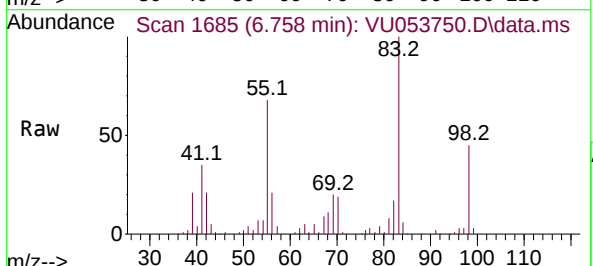
Tgt Ion: 83 Resp: 76612

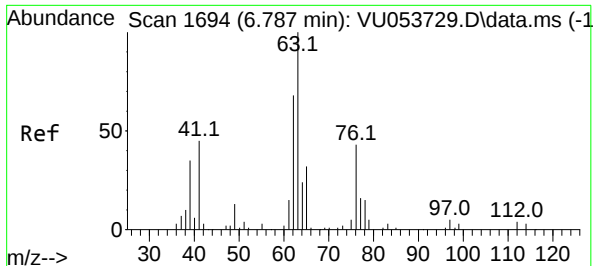
Ion Ratio Lower Upper

83 100

55 69.8 54.9 82.3

98 47.7 34.9 52.3

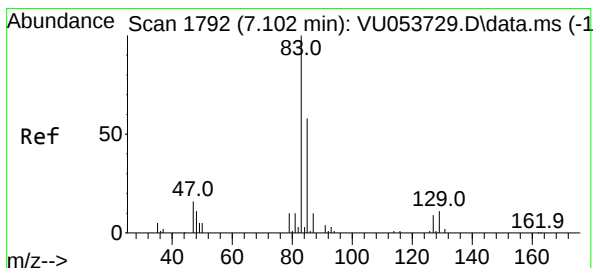
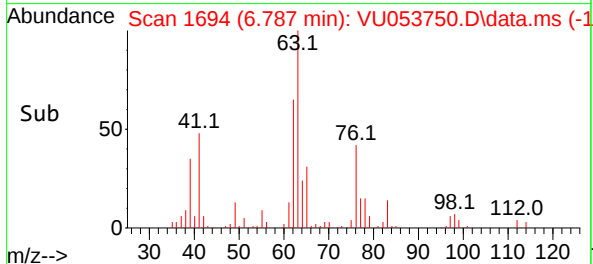
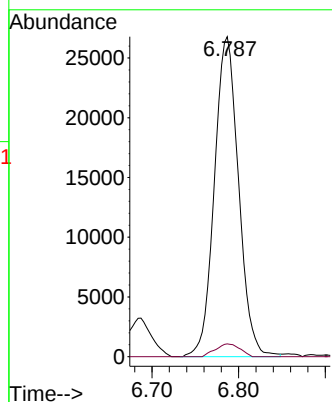
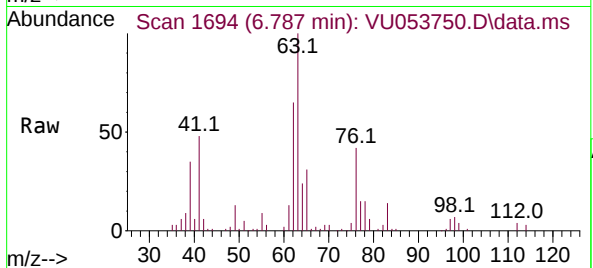




#37
1,2-Dichloropropane
Concen: 5.270 ug/L
RT: 6.787 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

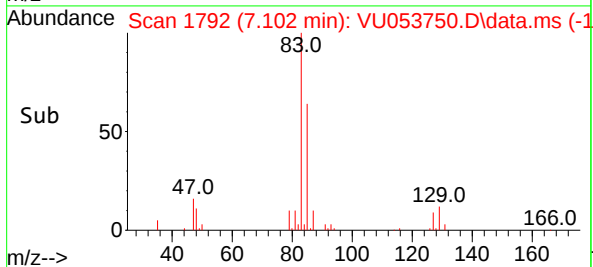
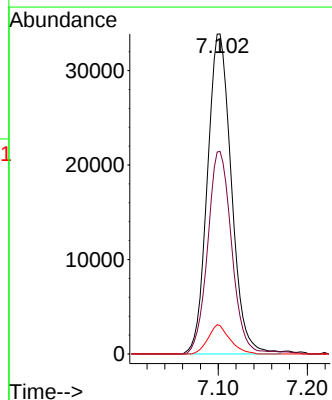
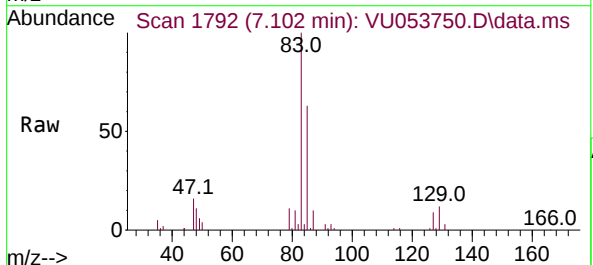
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

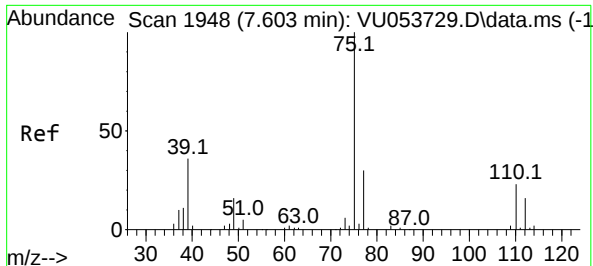
Tgt Ion: 63 Resp: 51971
Ion Ratio Lower Upper
63 100
112 4.0 3.0 4.4



#38
Bromodichloromethane
Concen: 5.772 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

Tgt Ion: 83 Resp: 63218
Ion Ratio Lower Upper
83 100
85 63.3 44.0 81.8
127 8.9 5.8 8.6#

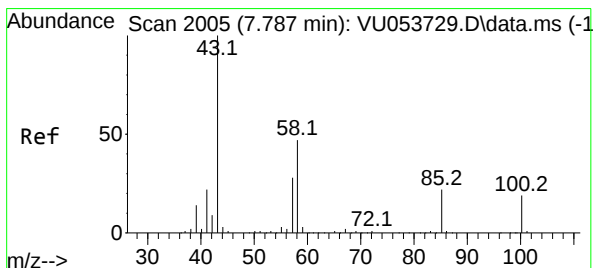
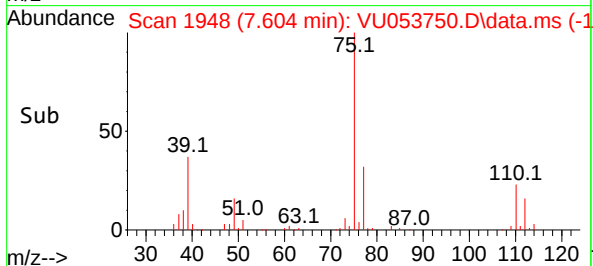
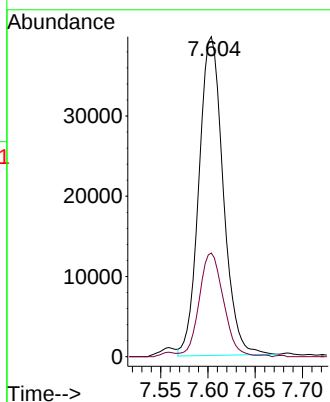
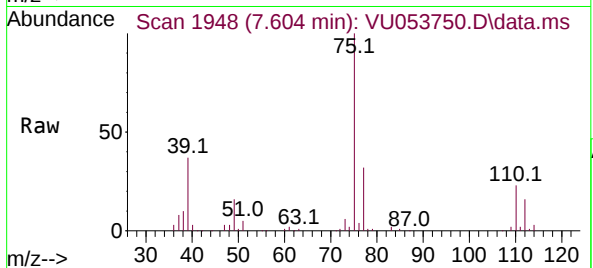




#39
 cis-1,3-Dichloropropene
 Concen: 4.868 ug/L
 RT: 7.604 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VU053750.D
 Acq: 18 Apr 2023 00:40

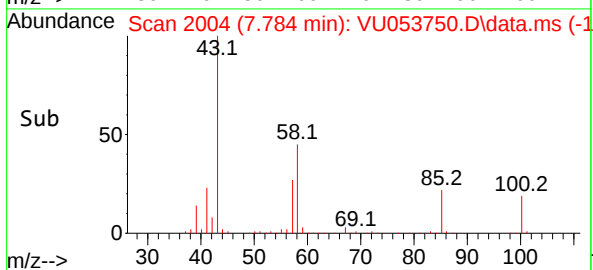
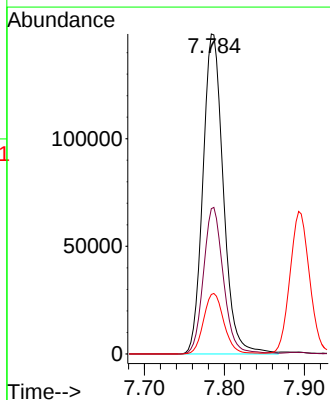
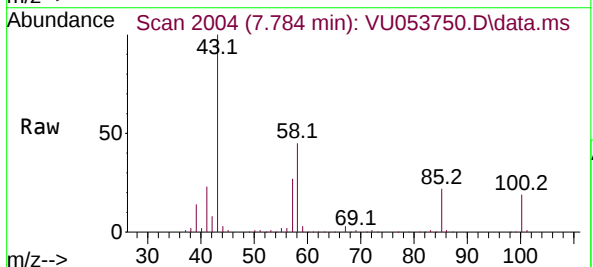
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005152

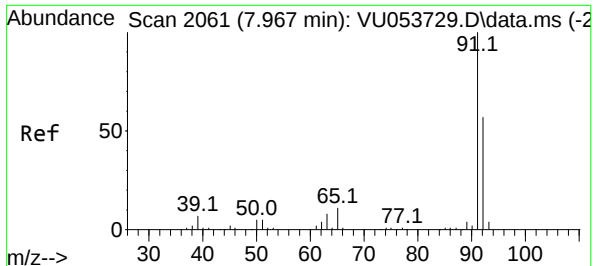
Tgt Ion: 75 Resp: 70921
 Ion Ratio Lower Upper
 75 100
 77 32.4 21.1 39.3



#40
 4-Methyl-2-pentanone
 Concen: 54.826 ug/L
 RT: 7.784 min Scan# 2004
 Delta R.T. -0.003 min
 Lab File: VU053750.D
 Acq: 18 Apr 2023 00:40

Tgt Ion: 43 Resp: 264566
 Ion Ratio Lower Upper
 43 100
 58 45.0 37.4 56.0
 100 18.9 14.0 21.0





#42

Toluene

Concen: 5.234 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU053750.D

Acq: 18 Apr 2023 00:40

Instrument :

MSVOA_U

ClientSampleId :

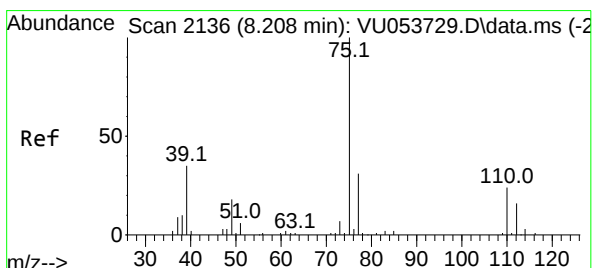
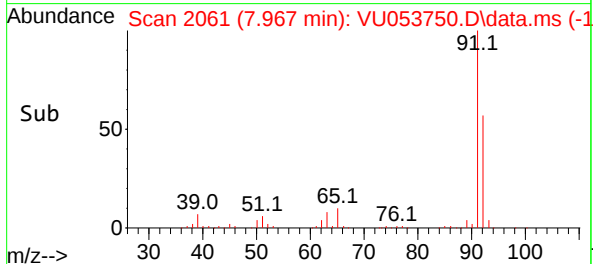
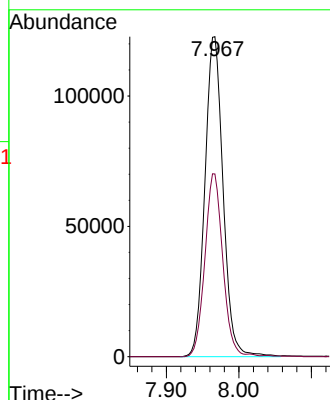
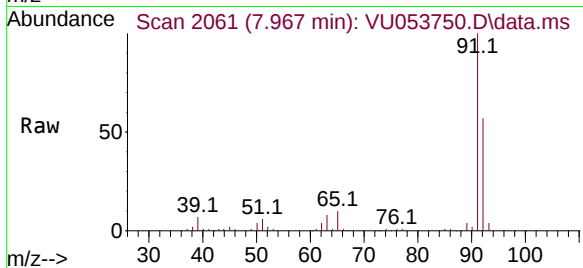
VSTD005152

Tgt Ion: 91 Resp: 213573

Ion Ratio Lower Upper

91 100

92 57.1 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.096 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU053750.D

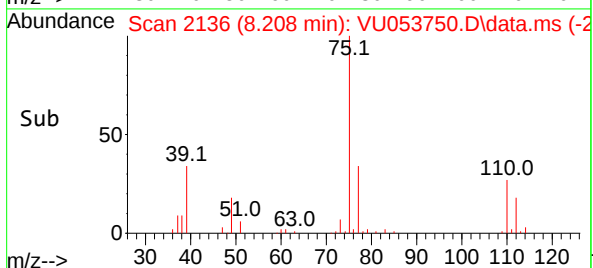
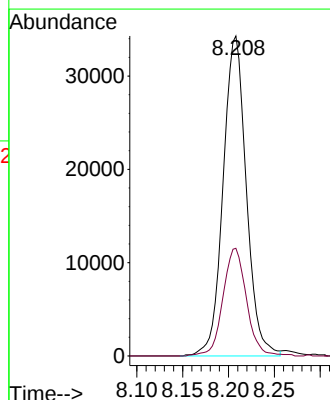
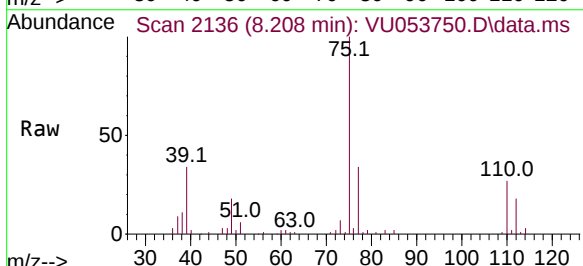
Acq: 18 Apr 2023 00:40

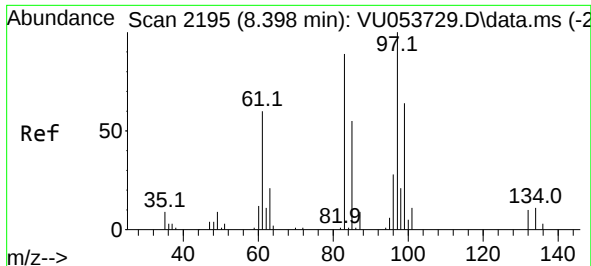
Tgt Ion: 75 Resp: 60405

Ion Ratio Lower Upper

75 100

77 33.6 22.0 40.8



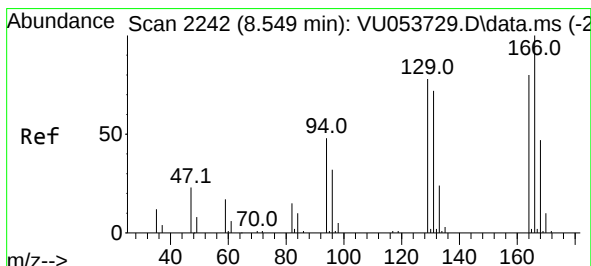
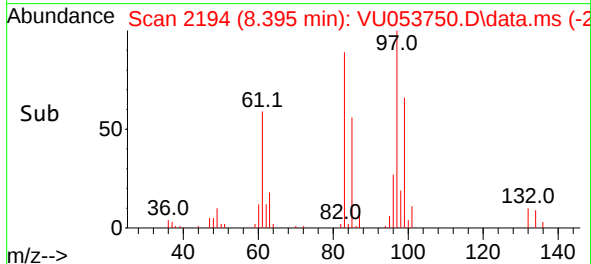
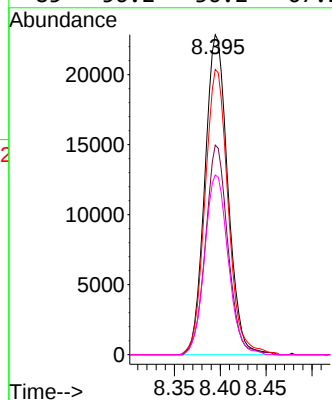
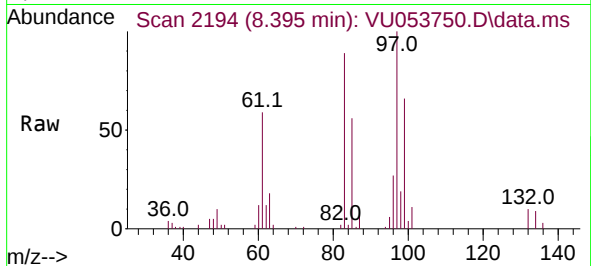


#45
1,1,2-Trichloroethane
Concen: 5.681 ug/L
RT: 8.395 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

Tgt Ion: 97 Resp: 39775

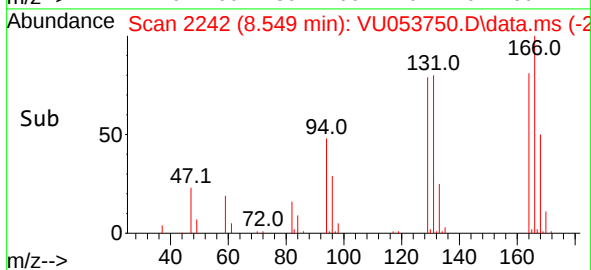
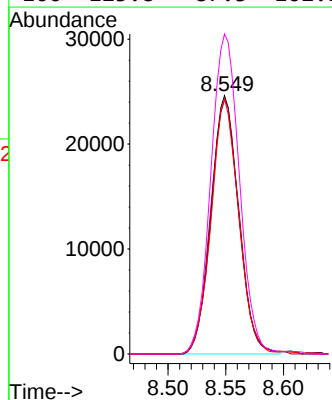
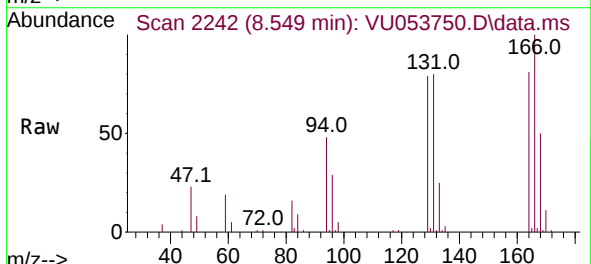
Ion	Ratio	Lower	Upper
97	100		
99	65.5	38.9	72.2
83	89.1	57.6	107.0
85	56.2	36.2	67.2

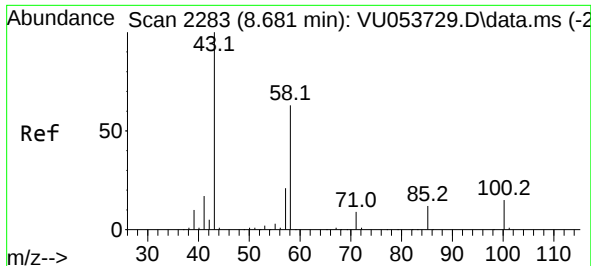


#47
Tetrachloroethene
Concen: 5.651 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

Tgt Ion: 164 Resp: 41294

Ion	Ratio	Lower	Upper
164	100		
129	98.4	74.8	138.8
131	98.8	70.1	130.1
166	123.8	87.3	162.1



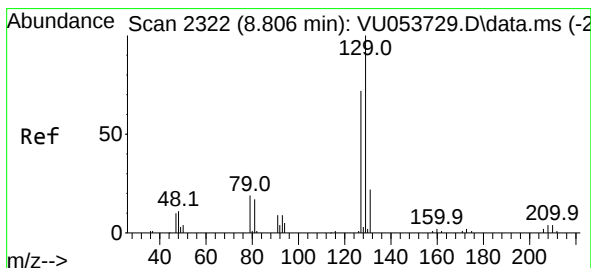
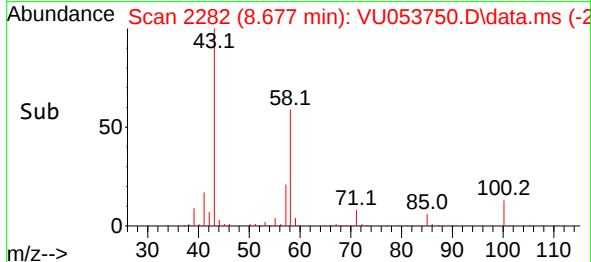
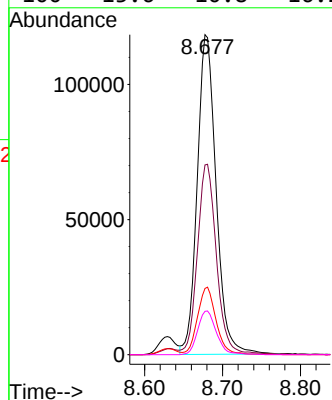
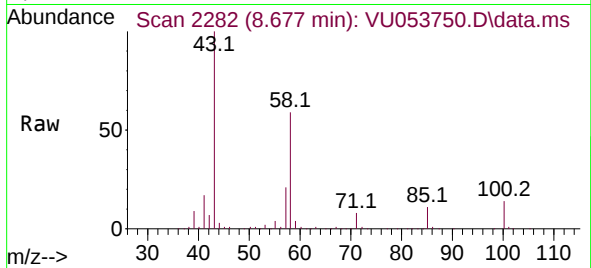


#48
2-Hexanone
Concen: 55.842 ug/L
RT: 8.677 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

Tgt Ion: 43 Resp: 199249

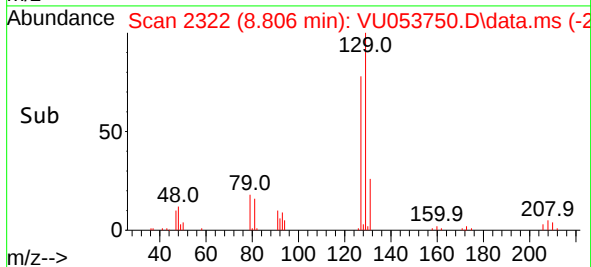
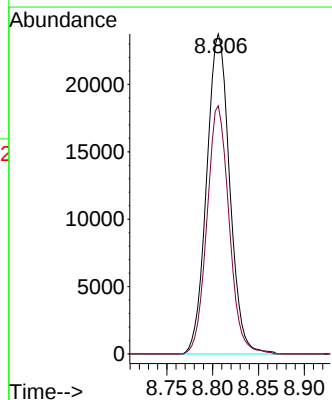
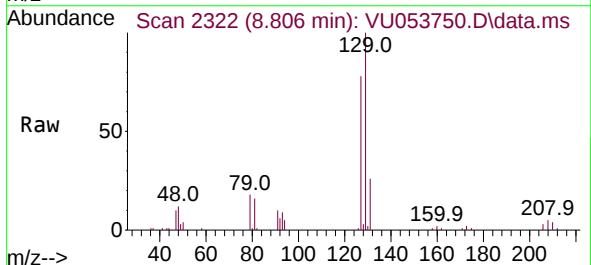
Ion	Ratio	Lower	Upper
43	100		
58	59.9	52.8	79.2
57	20.9	17.1	25.7
100	13.6	10.8	16.2

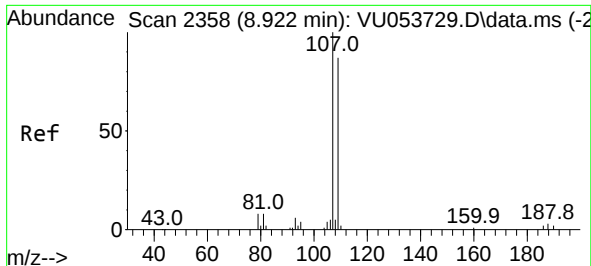


#49
Dibromochloromethane
Concen: 6.004 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

Tgt Ion: 129 Resp: 41570

Ion	Ratio	Lower	Upper
129	100		
127	77.5	52.2	97.0





#50

1,2-Dibromoethane

Concen: 5.695 ug/L

RT: 8.919 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU053750.D

Acq: 18 Apr 2023 00:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD005152

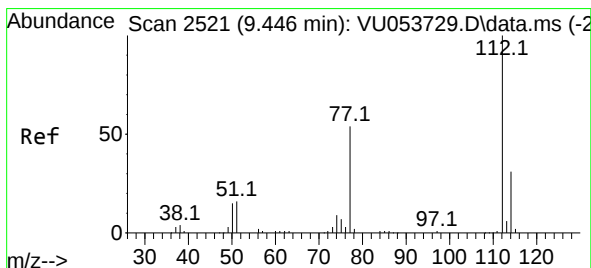
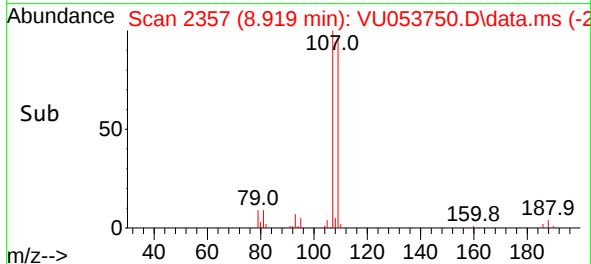
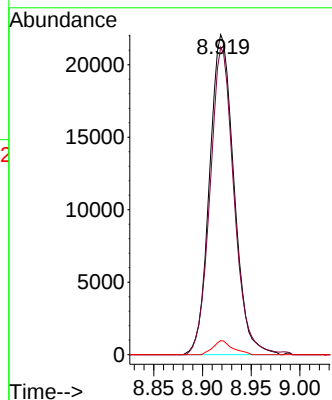
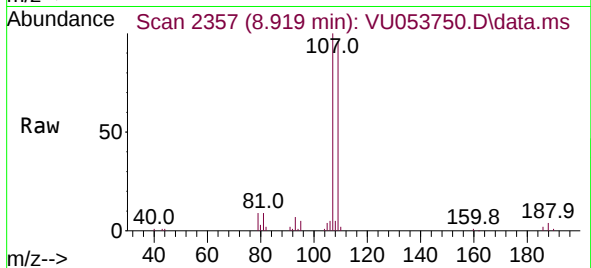
Tgt Ion:107 Resp: 38514

Ion Ratio Lower Upper

107 100

109 96.1 64.7 120.1

188 4.4 3.0 4.6



#51

Chlorobenzene

Concen: 5.445 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. -0.003 min

Lab File: VU053750.D

Acq: 18 Apr 2023 00:40

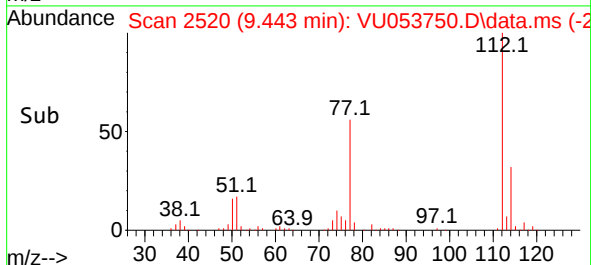
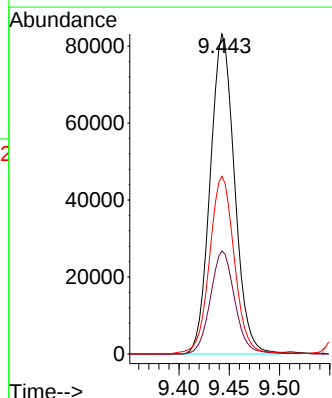
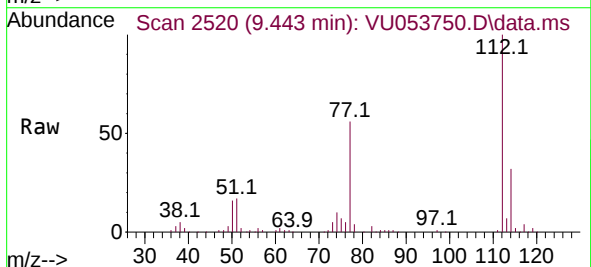
Tgt Ion:112 Resp: 140153

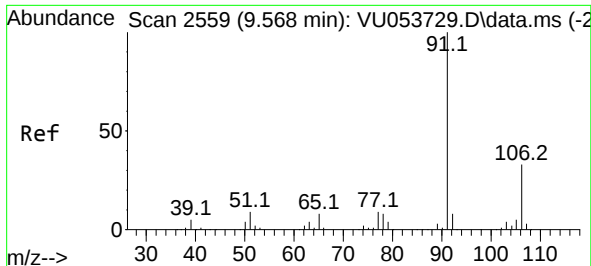
Ion Ratio Lower Upper

112 100

114 32.2 22.1 41.1

77 55.5 45.8 68.6





#52

Ethylbenzene

Concen: 5.249 ug/L

RT: 9.565 min Scan# 2558

Delta R.T. -0.003 min

Lab File: VU053750.D

Acq: 18 Apr 2023 00:40

Instrument :

MSVOA_U

ClientSampleId :

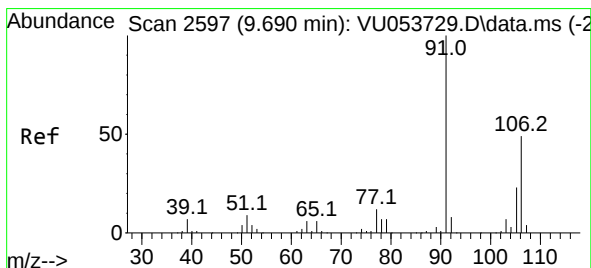
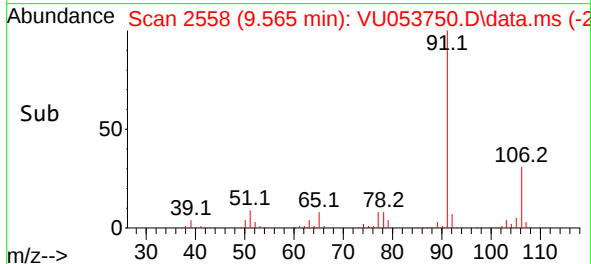
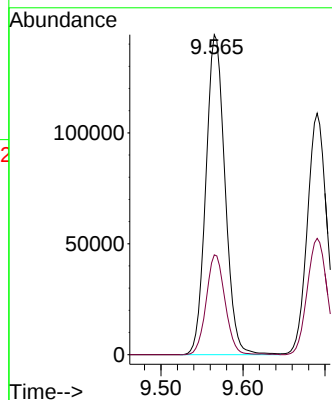
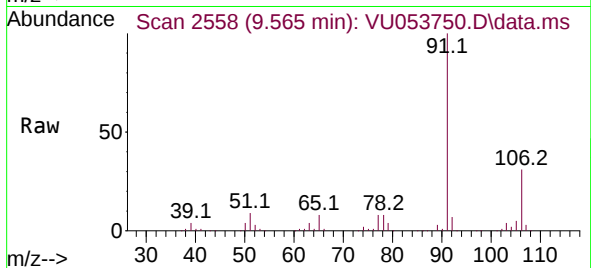
VSTD005152

Tgt Ion: 91 Resp: 233472

Ion Ratio Lower Upper

91 100

106 31.2 22.5 41.9



#53

m,p-Xylene

Concen: 5.269 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU053750.D

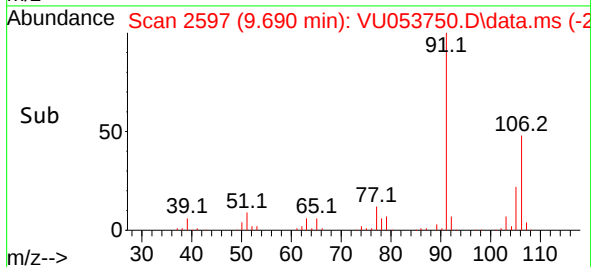
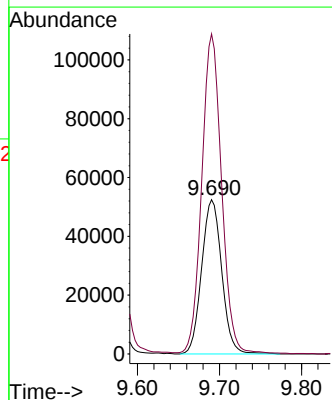
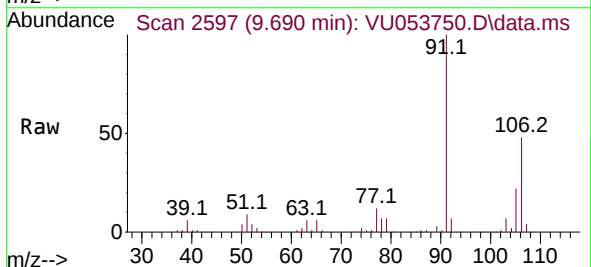
Acq: 18 Apr 2023 00:40

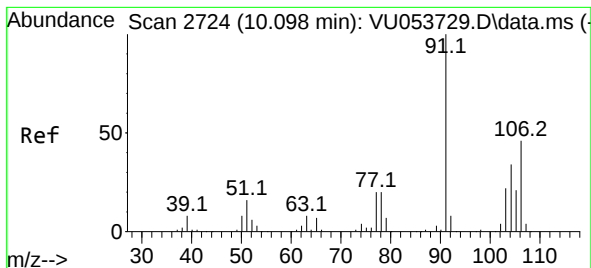
Tgt Ion:106 Resp: 89335

Ion Ratio Lower Upper

106 100

91 207.5 138.8 257.8





#54

o-Xylene

Concen: 5.344 ug/L

RT: 10.095 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU053750.D

Acq: 18 Apr 2023 00:40

Instrument :

MSVOA_U

ClientSampleId :

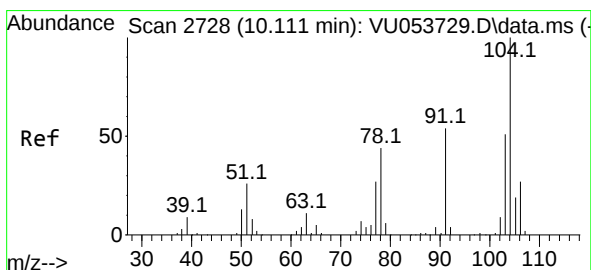
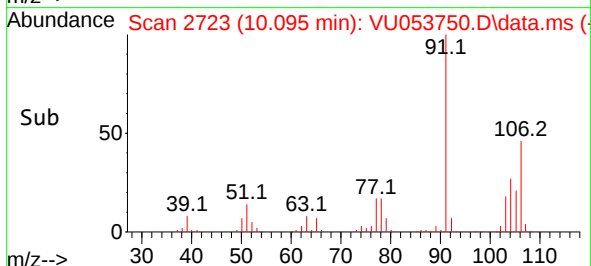
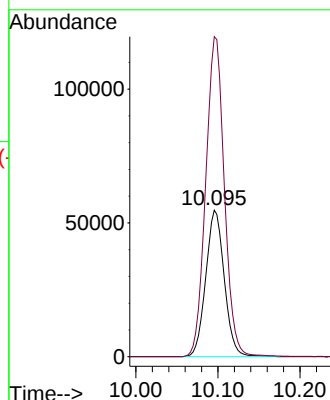
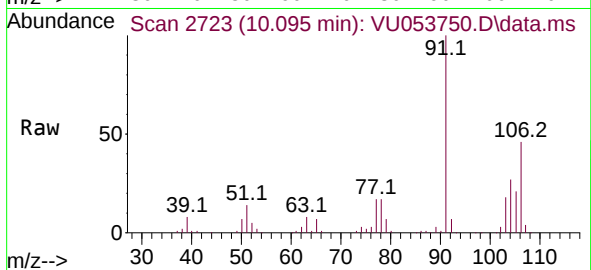
VSTD005152

Tgt Ion:106 Resp: 85971

Ion Ratio Lower Upper

106 100

91 218.3 150.8 280.0



#55

Styrene

Concen: 5.588 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. 0.000 min

Lab File: VU053750.D

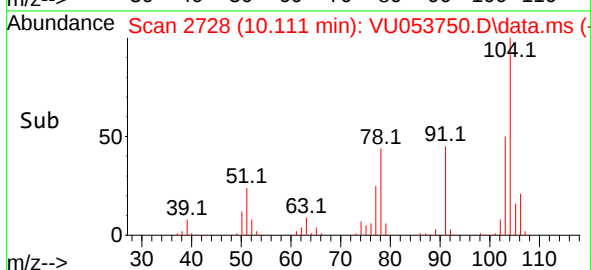
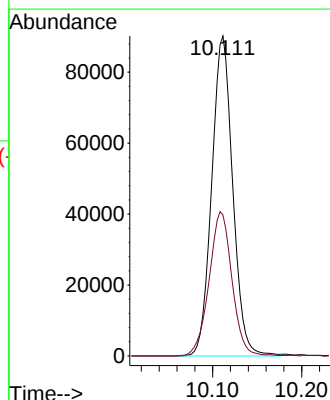
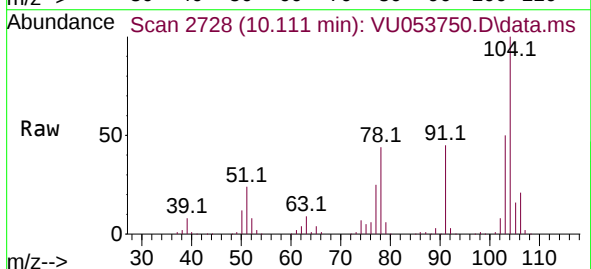
Acq: 18 Apr 2023 00:40

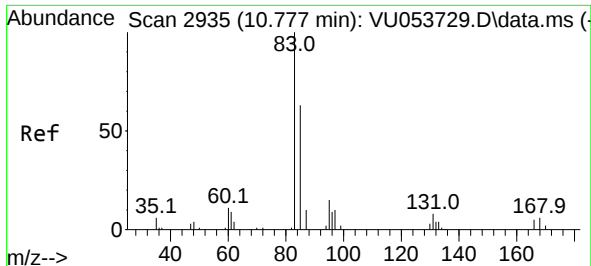
Tgt Ion:104 Resp: 147627

Ion Ratio Lower Upper

104 100

78 44.1 33.0 61.4

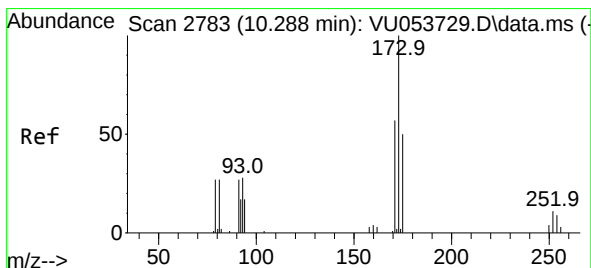
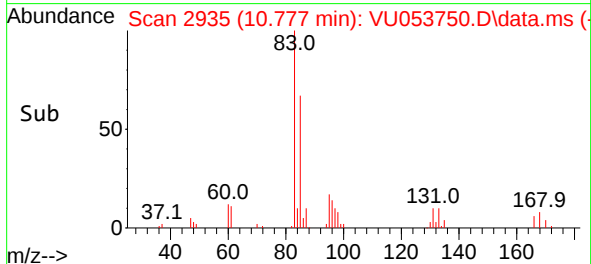
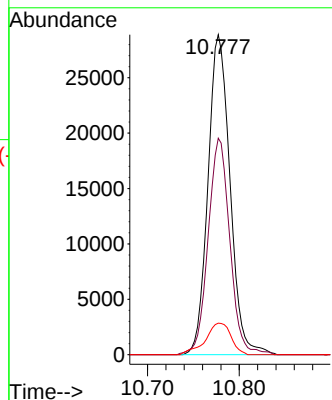
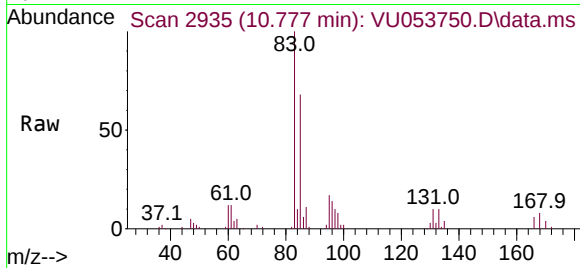




#57
1,1,2,2-Tetrachloroethane
Concen: 5.456 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

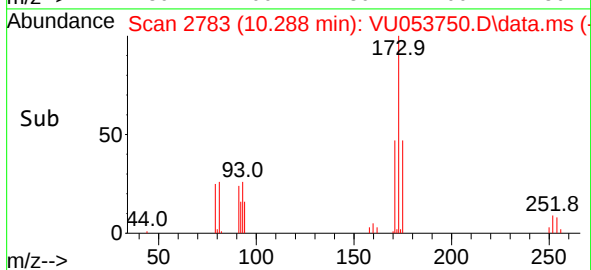
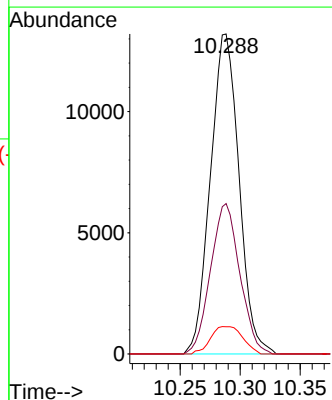
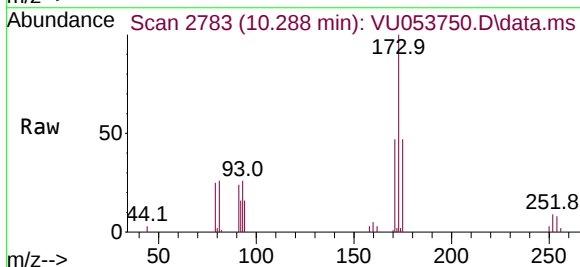
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

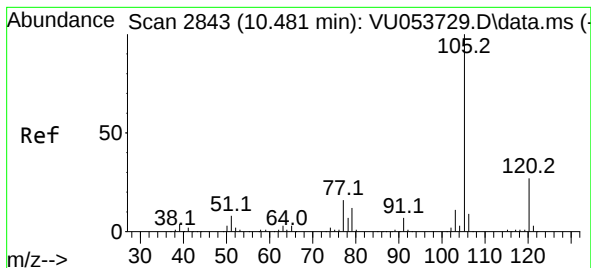
Tgt Ion: 83 Resp: 48243
Ion Ratio Lower Upper
83 100
85 67.6 43.8 81.4
131 9.8 7.2 10.8



#59
Bromoform
Concen: 5.668 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

Tgt Ion:173 Resp: 21868
Ion Ratio Lower Upper
173 100
175 48.1 39.9 59.9
254 9.6 6.6 9.8





#60

Isopropylbenzene

Concen: 5.120 ug/L

RT: 10.481 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VU053750.D

Acq: 18 Apr 2023 00:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD005152

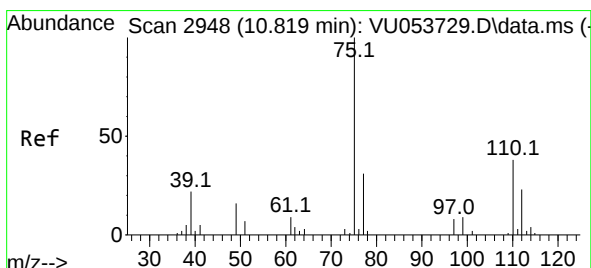
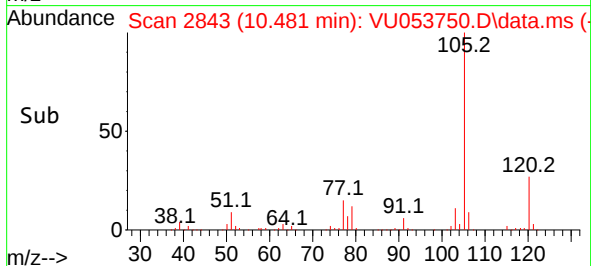
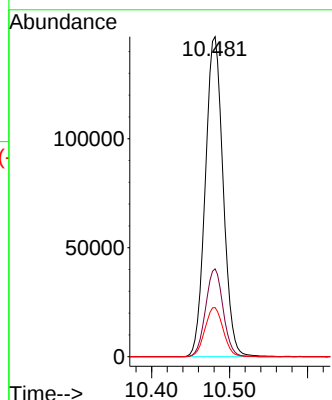
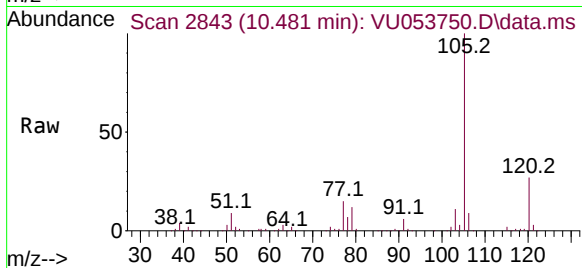
Tgt Ion:105 Resp: 233030

Ion Ratio Lower Upper

105 100

120 27.1 21.5 32.3

77 15.8 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.436 ug/L

RT: 10.819 min Scan# 2948

Delta R.T. 0.000 min

Lab File: VU053750.D

Acq: 18 Apr 2023 00:40

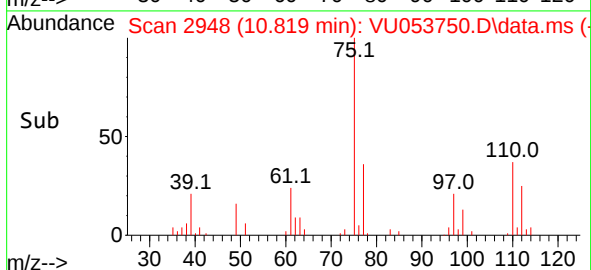
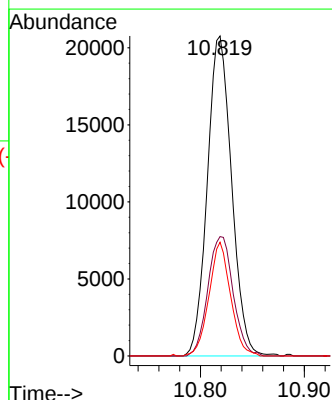
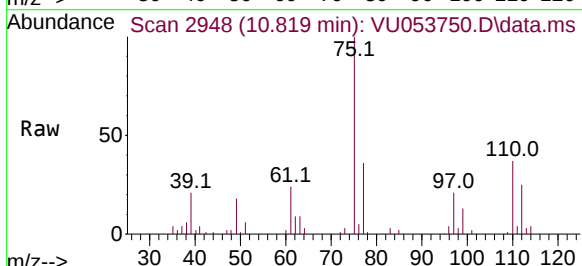
Tgt Ion: 75 Resp: 33748

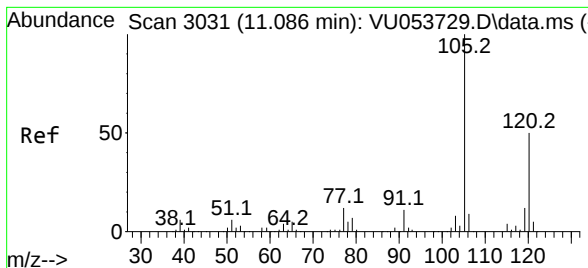
Ion Ratio Lower Upper

75 100

110 38.8 30.6 46.0

77 31.6 26.1 39.1





#62

1,3,5-Trimethylbenzene

Concen: 5.136 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. 0.000 min

Lab File: VU053750.D

Acq: 18 Apr 2023 00:40

Instrument :

MSVOA_U

ClientSampleId :

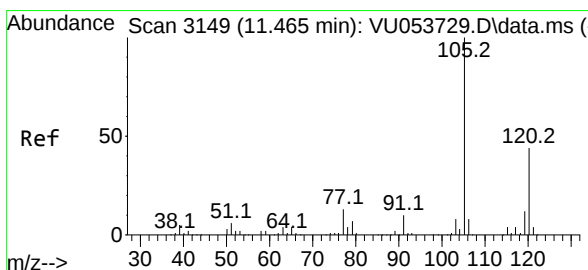
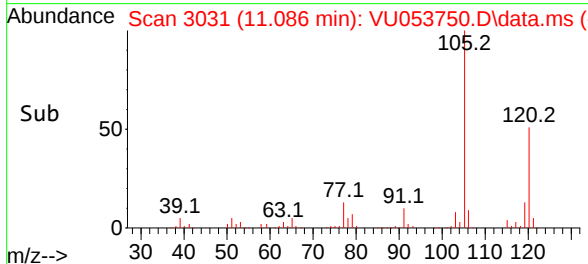
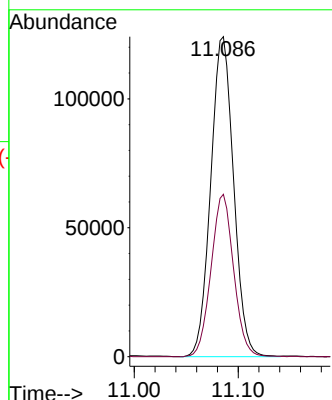
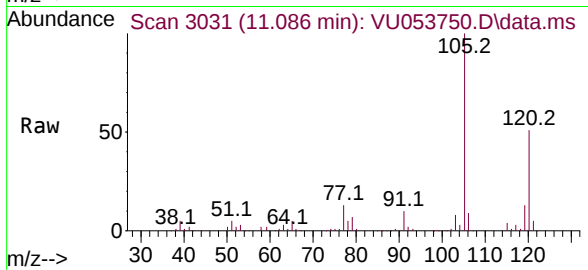
VSTD005152

Tgt Ion:105 Resp: 189708

Ion Ratio Lower Upper

105 100

120 50.1 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 5.158 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU053750.D

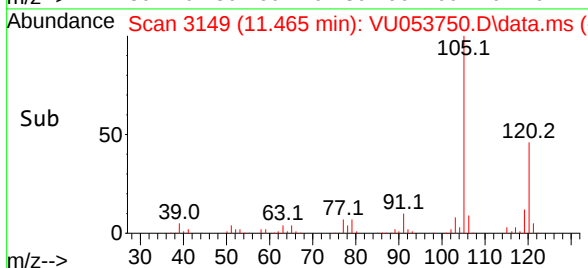
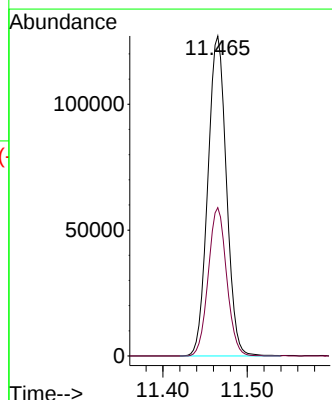
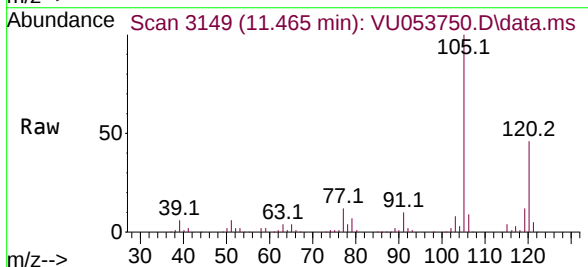
Acq: 18 Apr 2023 00:40

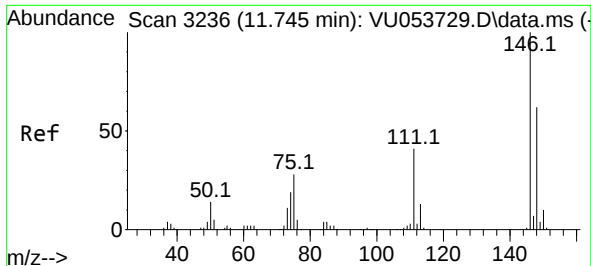
Tgt Ion:105 Resp: 195094

Ion Ratio Lower Upper

105 100

120 45.8 35.4 53.0

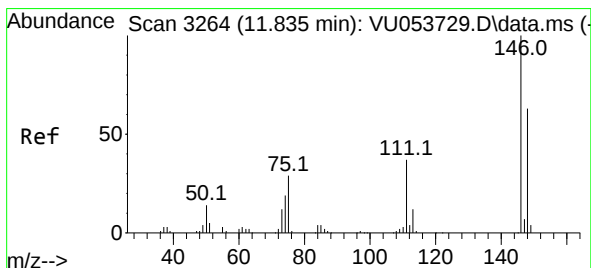
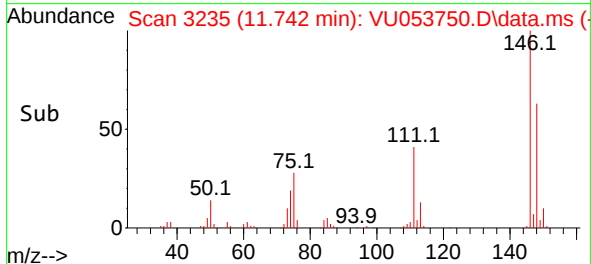
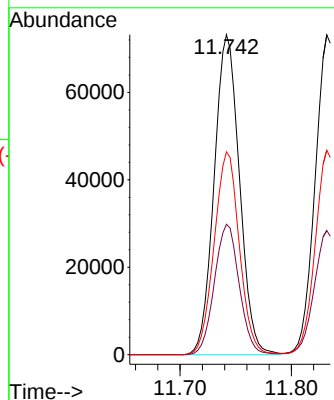
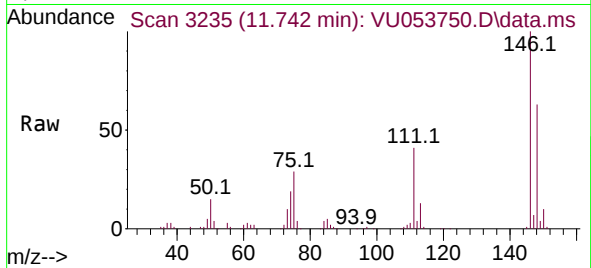




#64
1,3-Dichlorobenzene
Concen: 5.770 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

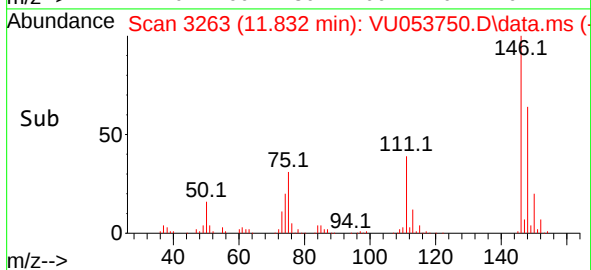
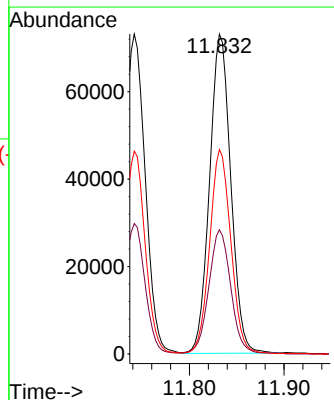
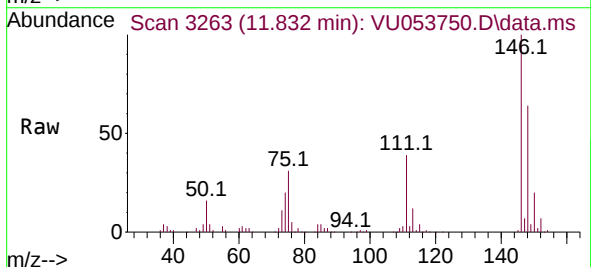
Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

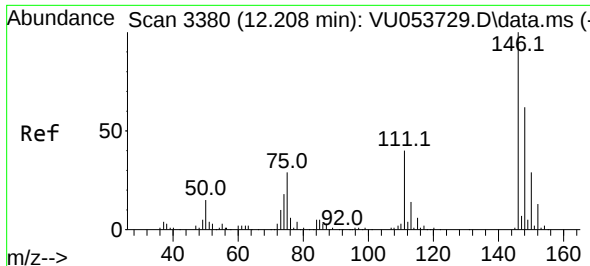
Tgt Ion:146 Resp: 115469
Ion Ratio Lower Upper
146 100
111 40.7 29.4 54.6
148 63.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.666 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

Tgt Ion:146 Resp: 113842
Ion Ratio Lower Upper
146 100
111 38.8 29.8 55.4
148 63.9 43.0 80.0





#67

1,2-Dichlorobenzene

Concen: 5.796 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU053750.D

Acq: 18 Apr 2023 00:40

Instrument :

MSVOA_U

ClientSampleId :

VSTD005152

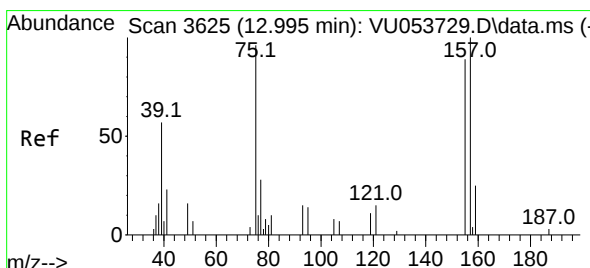
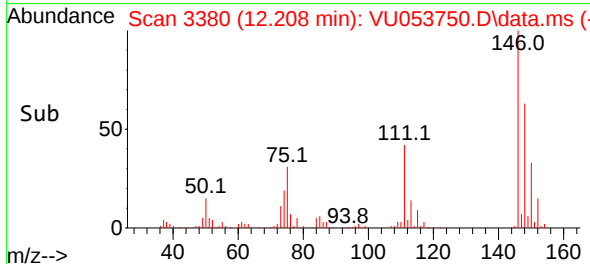
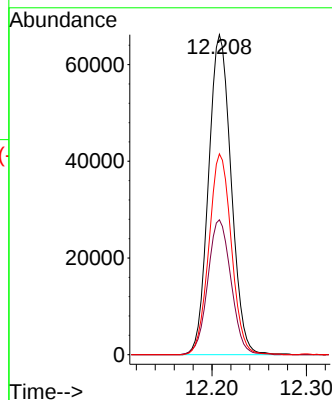
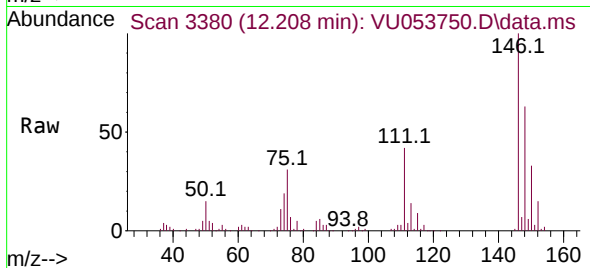
Tgt Ion:146 Resp: 109950

Ion Ratio Lower Upper

146 100

111 42.1 35.0 52.6

148 62.8 48.2 72.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.619 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.003 min

Lab File: VU053750.D

Acq: 18 Apr 2023 00:40

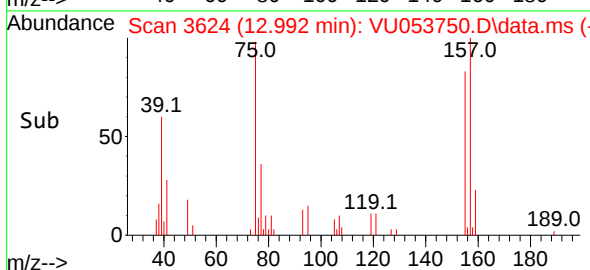
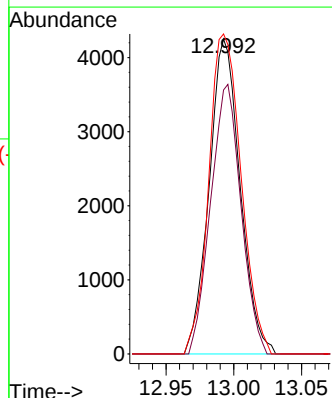
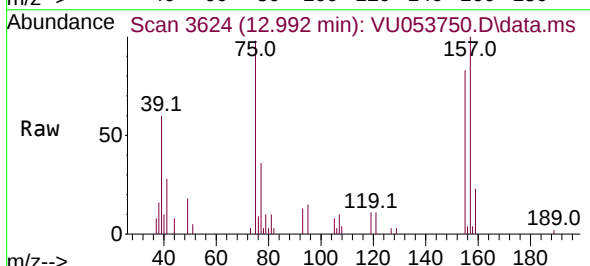
Tgt Ion: 75 Resp: 6765

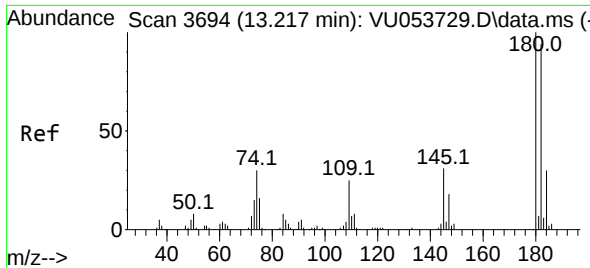
Ion Ratio Lower Upper

75 100

155 83.9 63.9 95.9

157 101.6 74.1 111.1

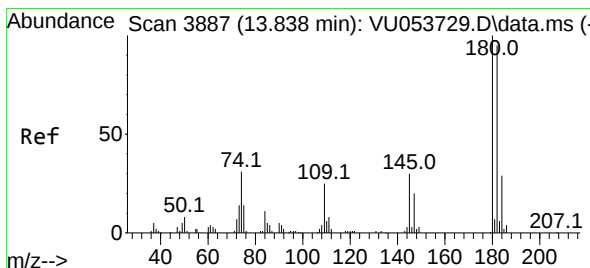
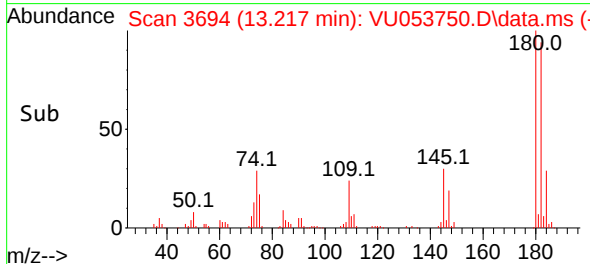
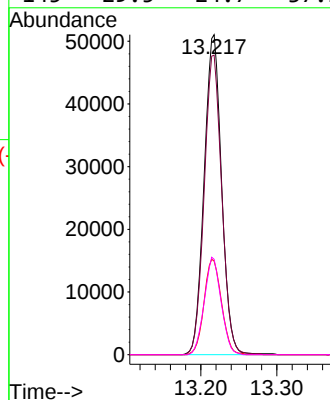
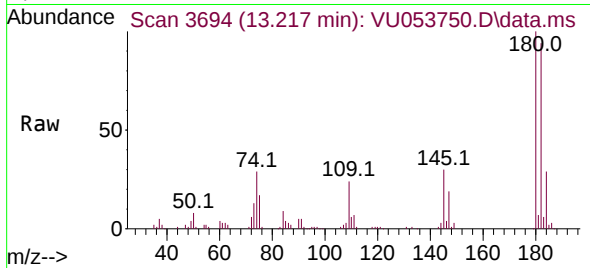




#69
 1,3,5-Trichlorobenzene
 Concen: 5.815 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU053750.D
 Acq: 18 Apr 2023 00:40

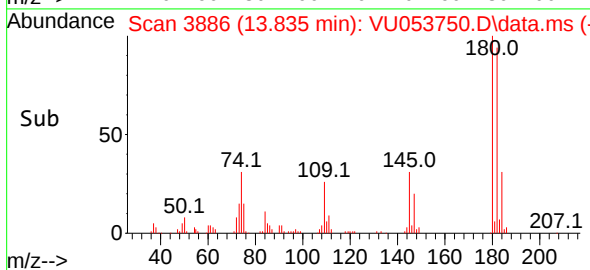
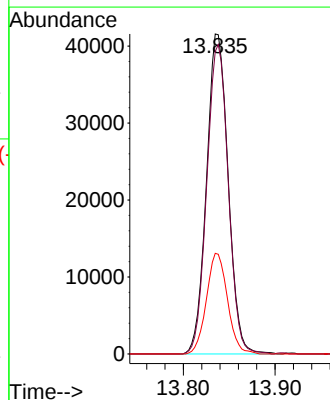
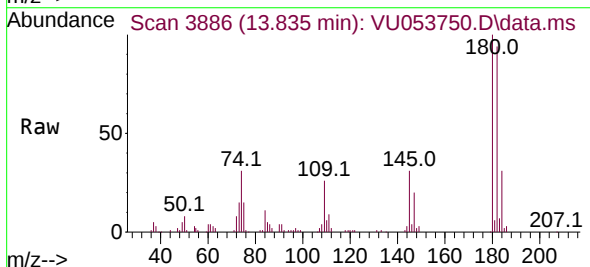
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005152

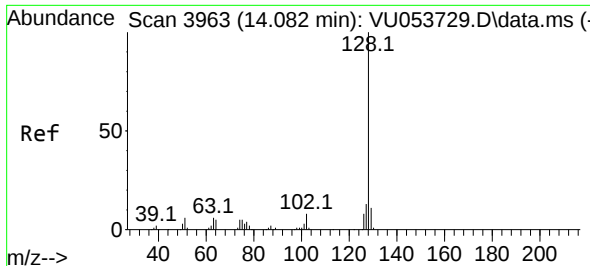
Tgt Ion:180	Resp:	81233
Ion Ratio	Lower	Upper
180	100	
182	94.2	76.7 115.1
184	29.8	24.1 36.1
145	29.5	24.7 37.1



#70
 1,2,4-trichlorobenzene
 Concen: 6.156 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. -0.003 min
 Lab File: VU053750.D
 Acq: 18 Apr 2023 00:40

Tgt Ion:180	Resp:	68376
Ion Ratio	Lower	Upper
180	100	
182	95.5	75.4 113.2
145	30.6	25.8 38.8

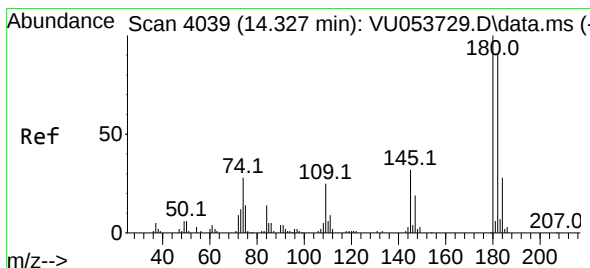
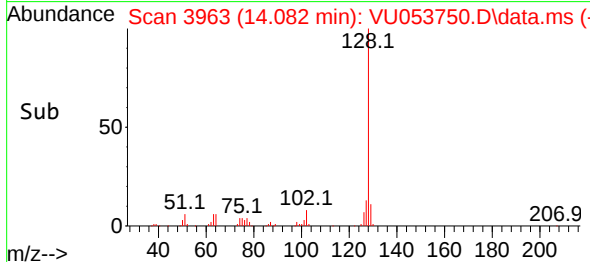
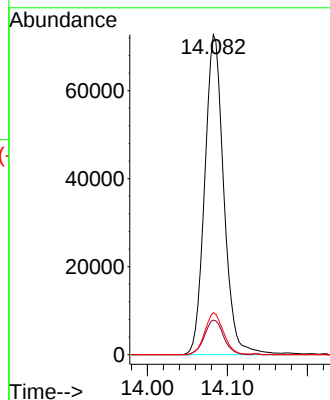
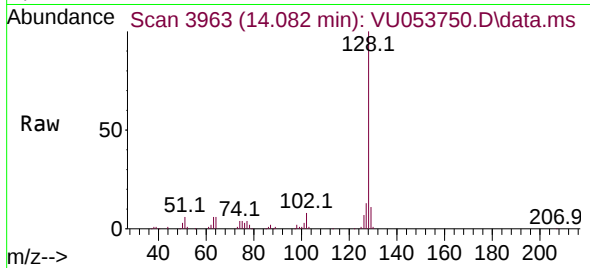




#71
Naphthalene
Concen: 5.768 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

Instrument :
MSVOA_U
ClientSampleId :
VSTD005152

Tgt Ion:128 Resp: 120708
Ion Ratio Lower Upper
128 100
129 10.8 8.2 12.4
127 12.9 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 6.530 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU053750.D
Acq: 18 Apr 2023 00:40

Tgt Ion:180 Resp: 63310
Ion Ratio Lower Upper
180 100
182 94.6 74.8 112.2
145 32.5 26.3 39.5

