

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042023\
 Data File : VU053796.D
 Acq On : 20 Apr 2023 10:27
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005155

Quant Time: Apr 20 12:28:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 19 04:58:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	152957	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	145891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78574	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49203	4.676	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.912	69	40065	4.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.565	65	18141	4.047	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.626	46	82221	34.109	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.220%
24) Chloroform-d	5.057	84	84286	4.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.697	65	38074	3.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
32) Benzene-d6	5.726	84	169892	4.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.687	67	50252	3.989	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.800%
41) Toluene-d8	7.896	98	161843	4.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.179	79	19761	4.087	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.629	63	68727	34.998	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.000%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	39484	3.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	57973	4.101	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	52837	4.814	ug/L	99
3) Chloromethane	1.520	50	51744	4.686	ug/L	99
5) Vinyl chloride	1.604	62	59503	4.779	ug/L	97
6) Bromomethane	1.858	94	38904	4.933	ug/L	96
8) Chloroethane	1.935	64	37543	5.187	ug/L	96
9) Trichlorofluoromethane	2.137	101	85229	4.533	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	50098	5.257	ug/L	96
12) 1,1-Dichloroethene	2.578	96	41936	4.842	ug/L	89
13) Acetone	2.636	43	67607	47.259	ug/L #	52
14) Carbon disulfide	2.790	76	114018	4.486	ug/L	96
15) Methyl Acetate	2.954	43	12775	3.807	ug/L #	89
16) Methylene chloride	3.044	84	47662	4.191	ug/L	94
17) Methyl tert-butyl Ether	3.359	73	92040	4.384	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	43612	4.848	ug/L	90
19) 1,1-Dichloroethane	3.867	63	79869	4.820	ug/L	97
21) 2-Butanone	4.706	43	91144	41.032	ug/L	96
22) cis-1,2-Dichloroethene	4.661	96	49746	4.105	ug/L	92
23) Bromochloromethane	4.973	128	21490	5.010	ug/L	91
25) Chloroform	5.083	83	85263	5.002	ug/L	98

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 Data File : VU053796.D
 Acq On : 20 Apr 2023 10:27
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005155

Quant Time: Apr 20 12:28:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 19 04:58:28 2023
 Response via : Initial Calibration

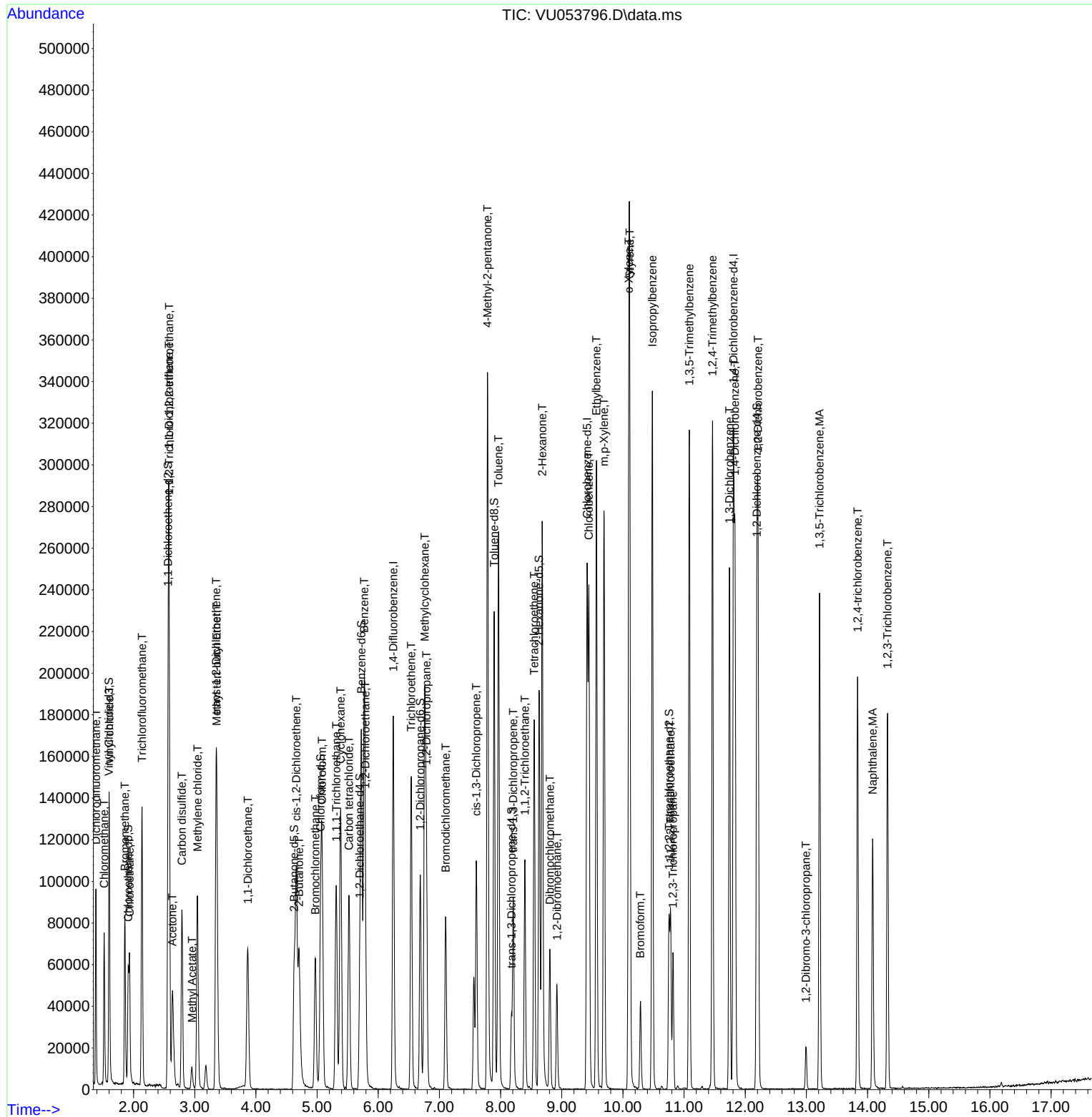
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	48575	4.549	ug/L #	91
29) 1,1,1-Trichloroethane	5.314	97	73769	5.122	ug/L	98
30) Cyclohexane	5.385	56	64284	4.189	ug/L	96
31) Carbon tetrachloride	5.520	117	63325	5.196	ug/L	99
33) Benzene	5.771	78	183009	4.682	ug/L	100
34) Trichloroethene	6.539	95	51253	4.924	ug/L	93
35) Methylcyclohexane	6.761	83	76460	4.281	ug/L	96
37) 1,2-Dichloropropane	6.787	63	47755	4.627	ug/L #	96
38) Bromodichloromethane	7.102	83	55847	4.872	ug/L	95
39) cis-1,3-Dichloropropene	7.603	75	68320	4.480	ug/L	97
40) 4-Methyl-2-pentanone	7.787	43	211043	41.784	ug/L	97
42) Toluene	7.967	91	203693	4.769	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	54731	4.411	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	34989	4.774	ug/L	93
47) Tetrachloroethene	8.549	164	38837	5.078	ug/L	96
48) 2-Hexanone	8.681	43	161340	43.201	ug/L	98
49) Dibromochloromethane	8.806	129	36139	4.987	ug/L	95
50) 1,2-Dibromoethane	8.922	107	32258	4.557	ug/L	94
51) Chlorobenzene	9.443	112	131812	4.893	ug/L	98
52) Ethylbenzene	9.568	91	213693	4.590	ug/L	97
53) m,p-Xylene	9.690	106	84146	4.741	ug/L	100
54) o-Xylene	10.095	106	81327	4.830	ug/L	97
55) Styrene	10.111	104	133248	4.819	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	41061	4.437	ug/L	97
59) Bromoform	10.285	173	19065	4.712	ug/L	95
60) Isopropylbenzene	10.481	105	215670	4.519	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	27808	4.271	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	176624	4.561	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	177813	4.483	ug/L	97
64) 1,3-Dichlorobenzene	11.742	146	104338	4.973	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	103302	4.903	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	98657	4.959	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.992	75	5079	4.023	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.214	180	74952	5.117	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	62091	5.331	ug/L	99
71) Naphthalene	14.082	128	103001	4.694	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	54636	5.374	ug/L	98

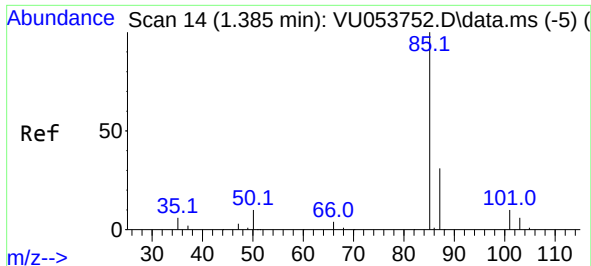
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 Data File : VU053796.D
 Acq On : 20 Apr 2023 10:27
 Operator : JC/MD
 Sample : VSTDCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005155

Quant Time: Apr 20 12:28:15 2023
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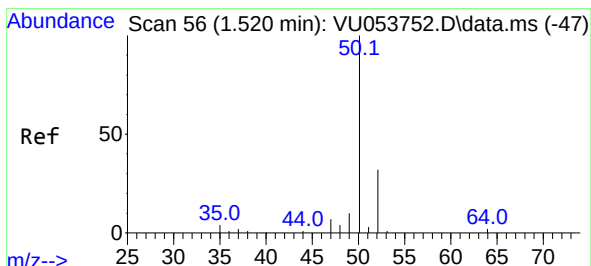
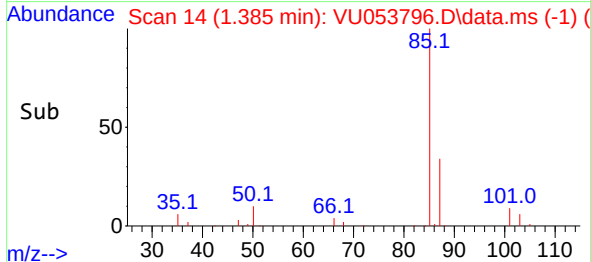
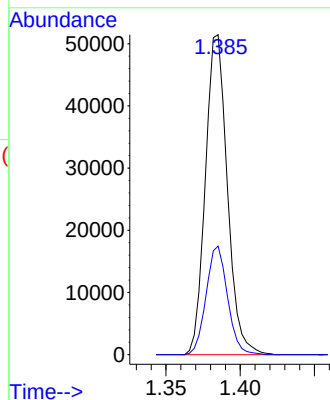
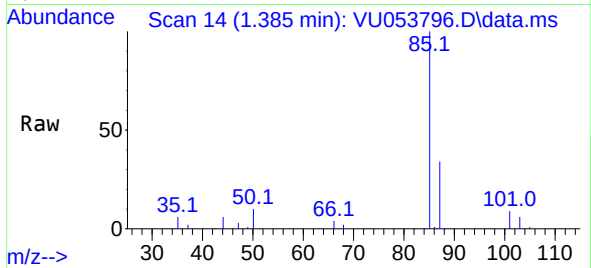




#2
Dichlorodifluoromethane
Concen: 4.814 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

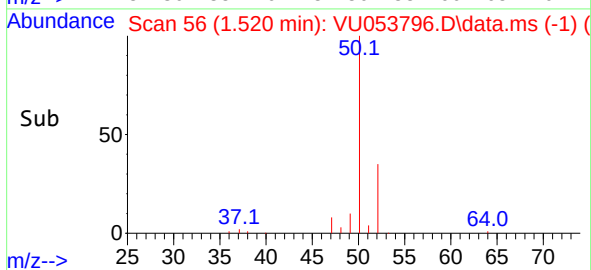
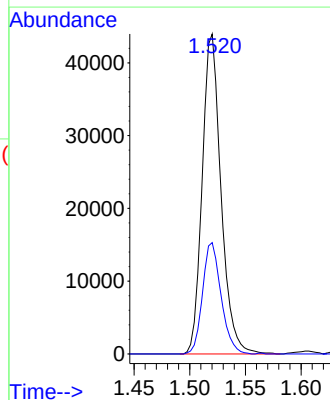
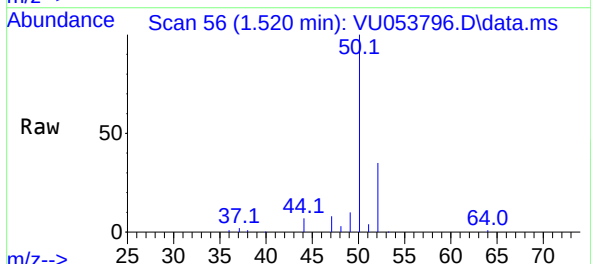
Instrument :
MSVOA_U
ClientSampleId :
VSTD005155

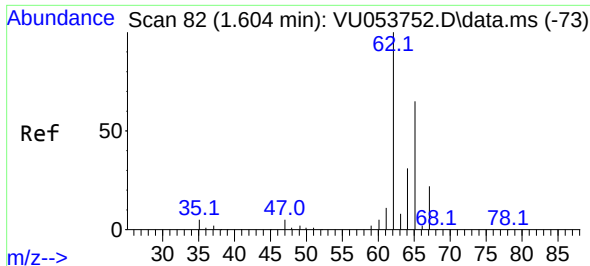
Tgt Ion: 85 Resp: 52837
Ion Ratio Lower Upper
85 100
87 33.0 26.1 39.1



#3
Chloromethane
Concen: 4.686 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Tgt Ion: 50 Resp: 51744
Ion Ratio Lower Upper
50 100
52 34.8 23.9 44.3

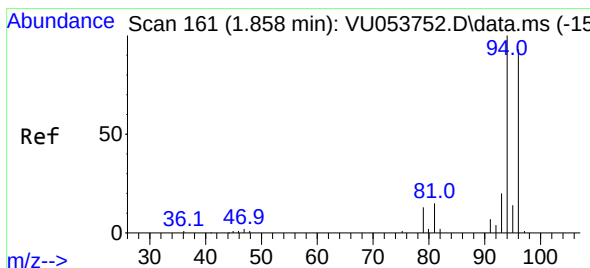
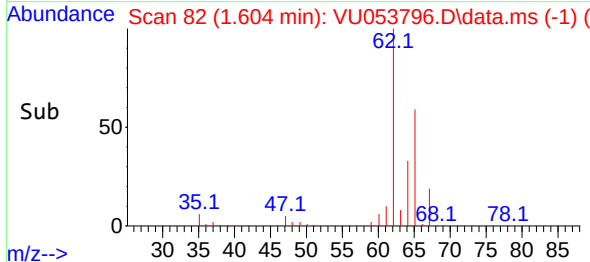
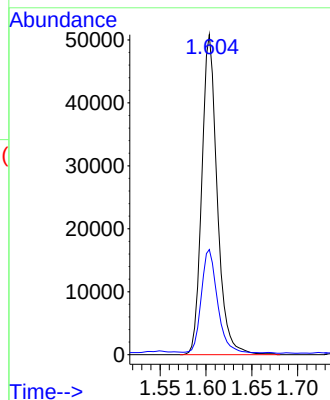
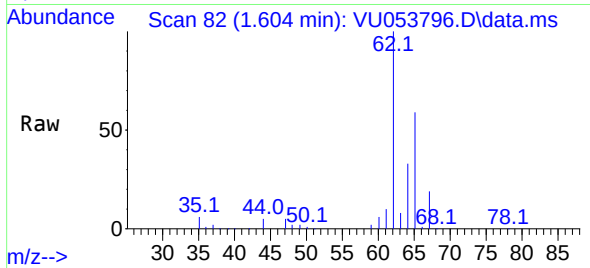




#5
Vinyl chloride
Concen: 4.779 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

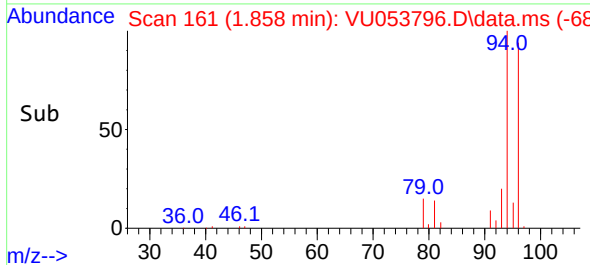
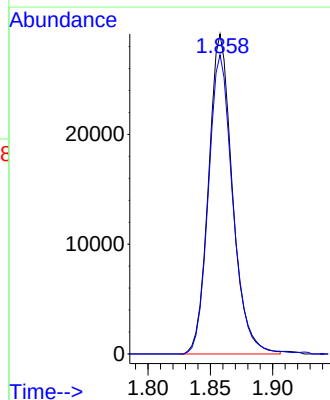
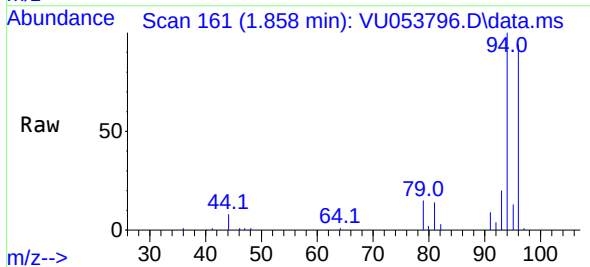
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MSVOA_U
ClientSampleId :
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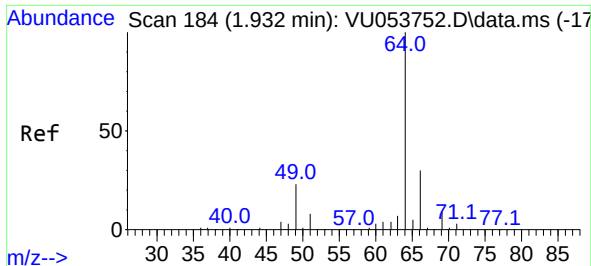
Tgt Ion: 62 Resp: 59503
Ion Ratio Lower Upper
62 100
64 32.8 24.1 44.7



#6
Bromomethane
Concen: 4.933 ug/L
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Tgt Ion: 94 Resp: 38904
Ion Ratio Lower Upper
94 100
96 93.5 68.3 126.8

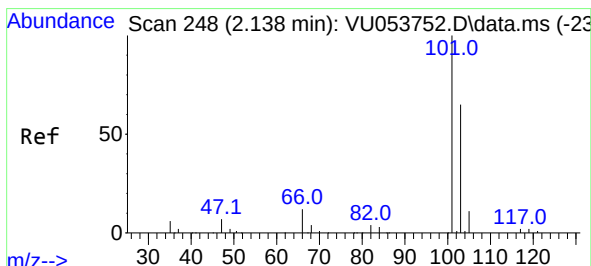
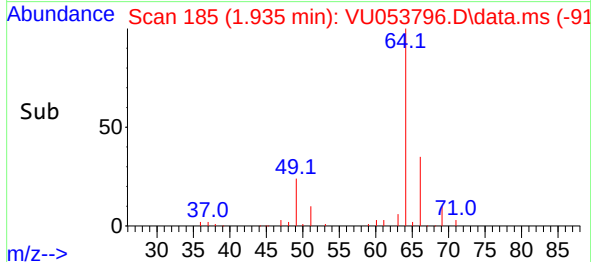
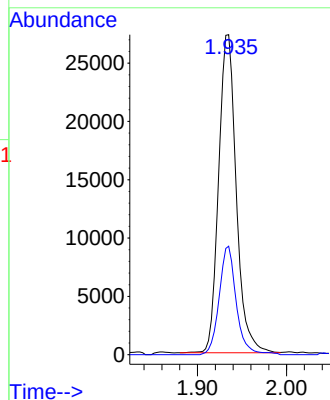
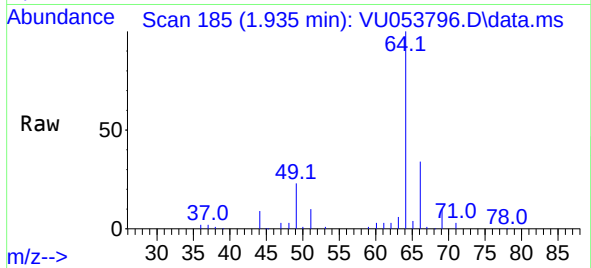




#8
Chloroethane
Concen: 5.187 ug/L
RT: 1.935 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

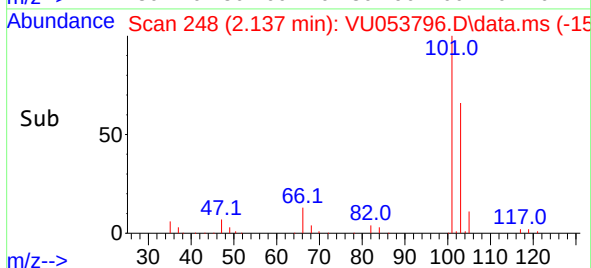
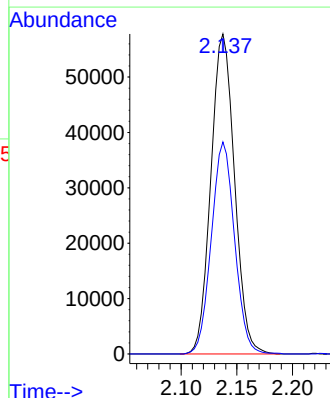
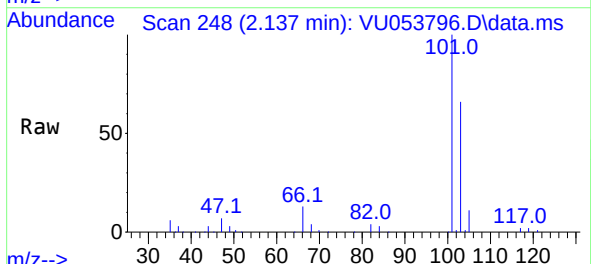
Instrument :
MSVOA_U
ClientSampleId :
VSTD005155

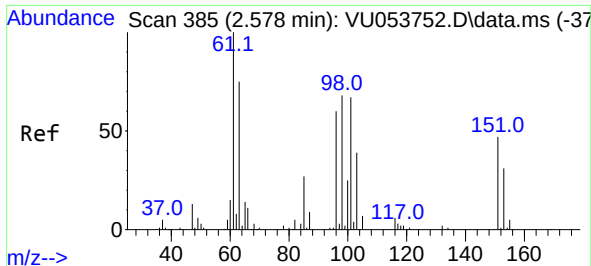
Tgt Ion: 64 Resp: 37543
Ion Ratio Lower Upper
64 100
66 33.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.533 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Tgt Ion:101 Resp: 85229
Ion Ratio Lower Upper
101 100
103 65.1 50.2 75.2

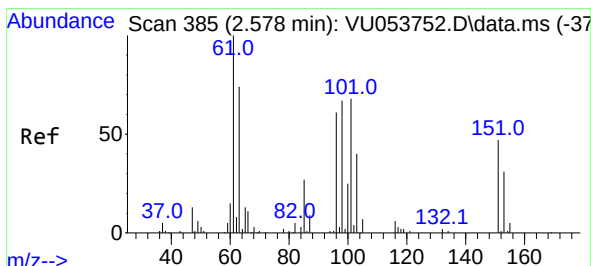
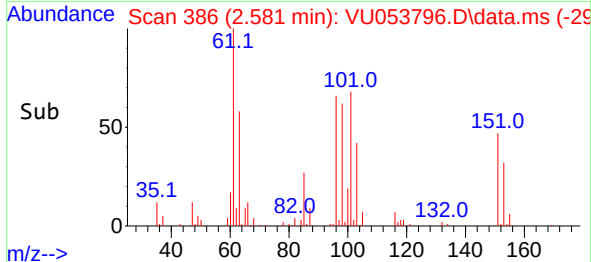
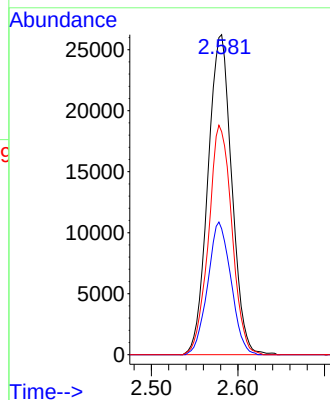
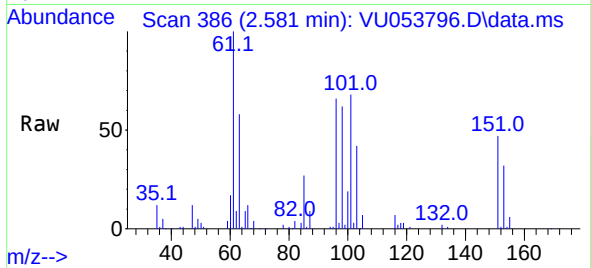




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.257 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU053796.D
 Acq: 20 Apr 2023 10:27

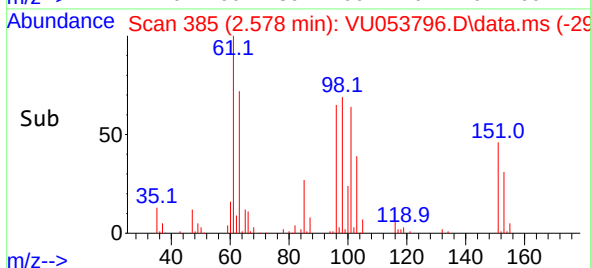
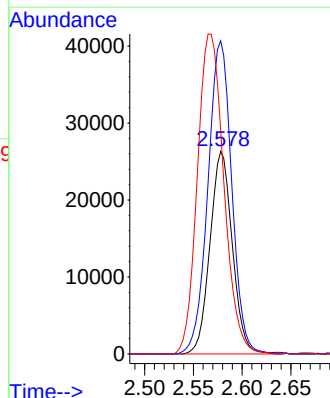
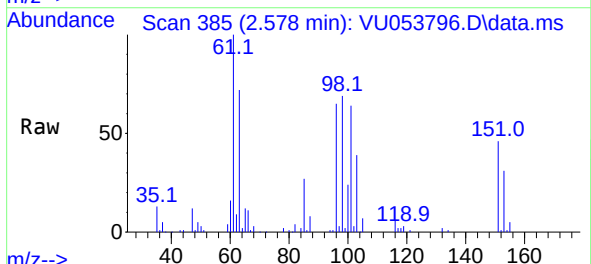
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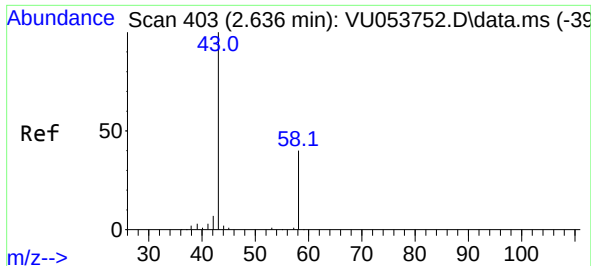
Tgt Ion:101 Resp: 50098
 Ion Ratio Lower Upper
 101 100
 85 40.5 37.0 55.4
 151 70.4 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 4.842 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU053796.D
 Acq: 20 Apr 2023 10:27

Tgt Ion: 96 Resp: 41936
 Ion Ratio Lower Upper
 96 100
 61 154.5 116.8 216.8
 63 110.5 88.6 164.6





#13

Acetone

Concen: 47.259 ug/L

RT: 2.636 min Scan# 403

Delta R.T. -0.000 min

Lab File: VU053796.D

Acq: 20 Apr 2023 10:27

Instrument :

MSVOA_U

ClientSampleId :

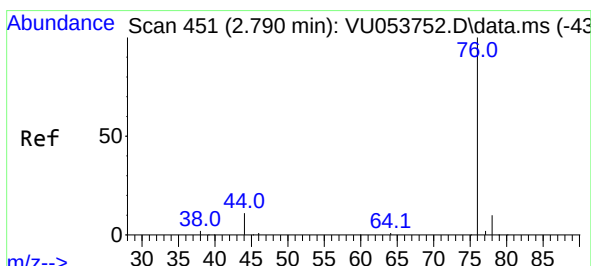
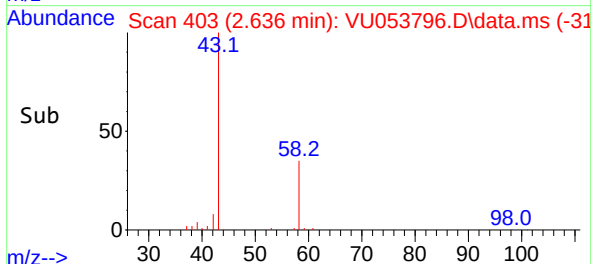
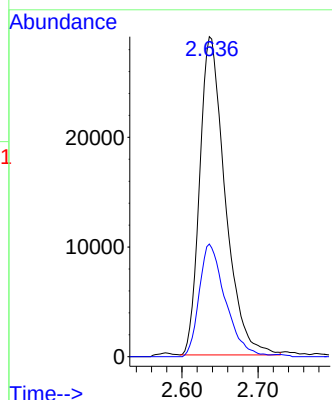
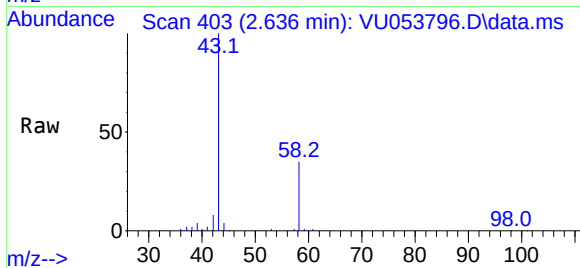
VSTD005155

Tgt Ion: 43 Resp: 67607

Ion Ratio Lower Upper

43 100

58 36.3 0.0 32.2#



#14

Carbon disulfide

Concen: 4.486 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU053796.D

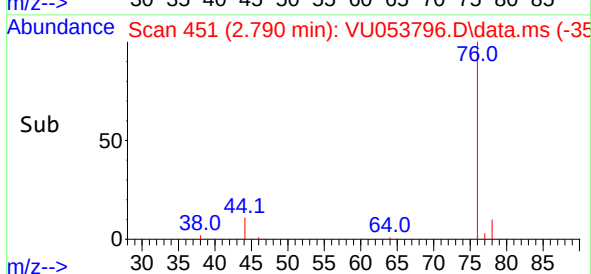
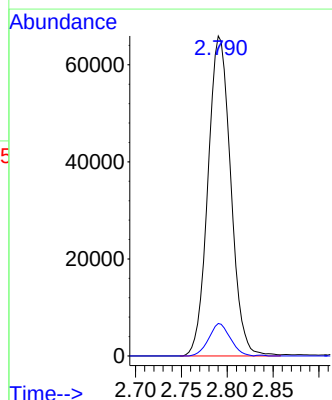
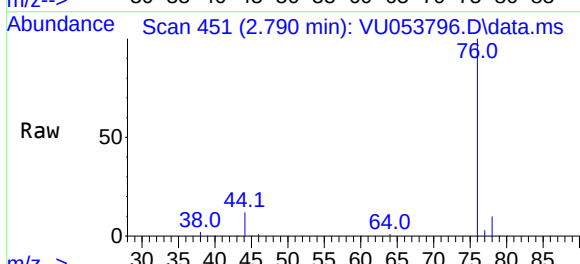
Acq: 20 Apr 2023 10:27

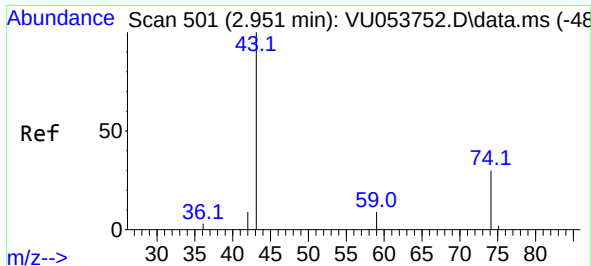
Tgt Ion: 76 Resp: 114018

Ion Ratio Lower Upper

76 100

78 10.1 7.0 10.4

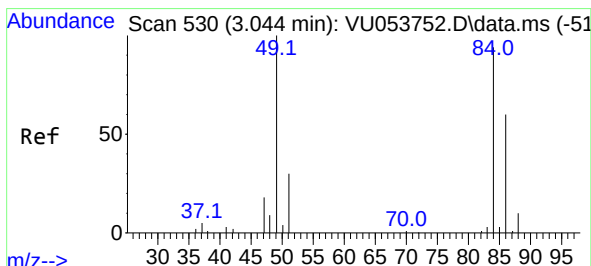
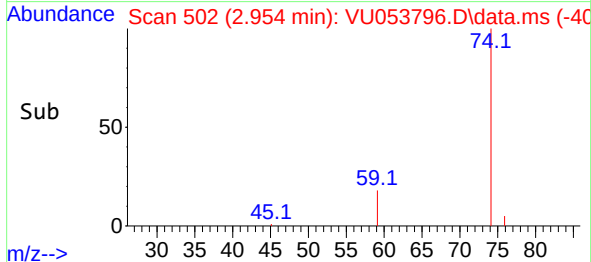
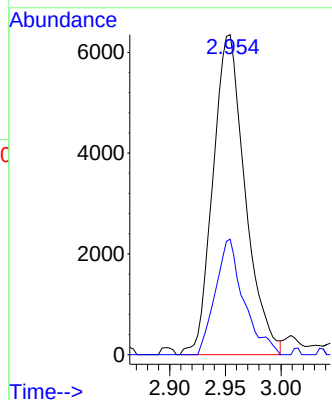
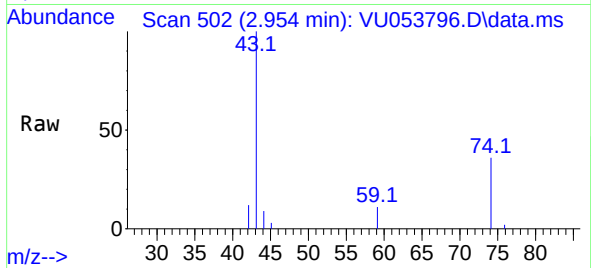




#15
Methyl Acetate
Concen: 3.807 ug/L
RT: 2.954 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

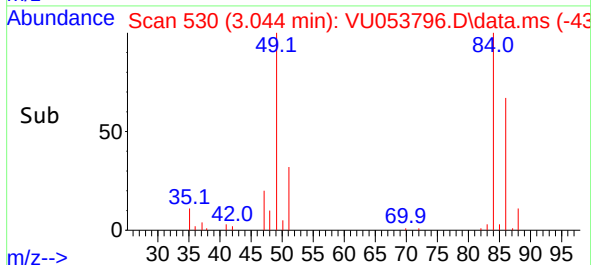
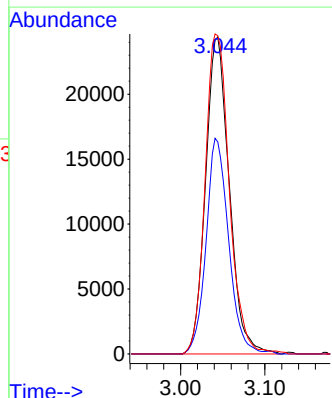
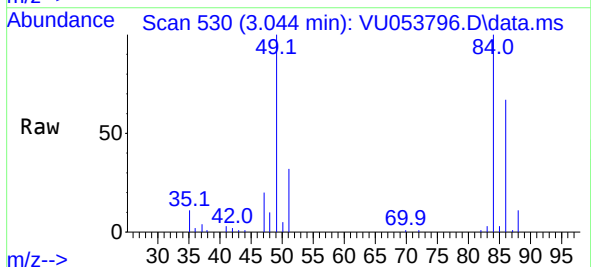
Instrument :
MSVOA_U
ClientSampleId :
VSTD005155

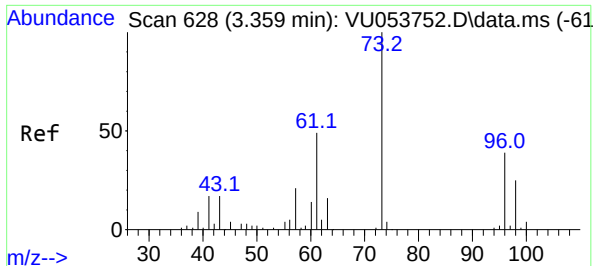
Tgt Ion: 43 Resp: 12775
Ion Ratio Lower Upper
43 100
74 31.8 20.8 31.2#



#16
Methylene chloride
Concen: 4.191 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Tgt Ion: 84 Resp: 47662
Ion Ratio Lower Upper
84 100
86 66.9 44.7 83.1
49 100.4 75.5 140.1

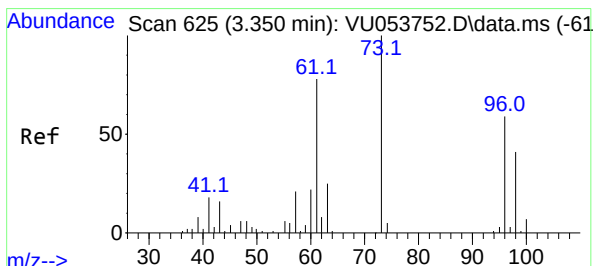
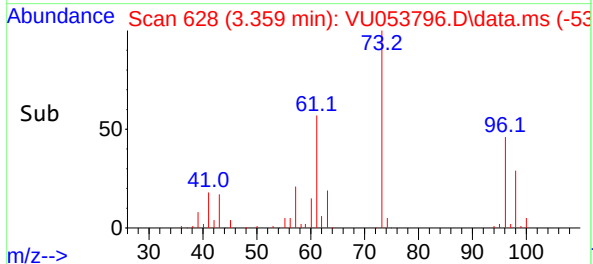
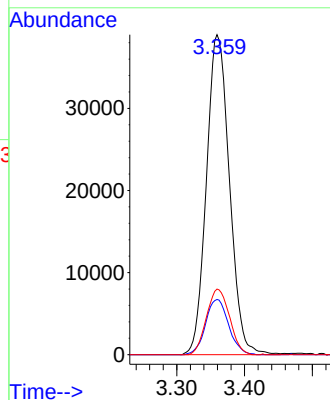
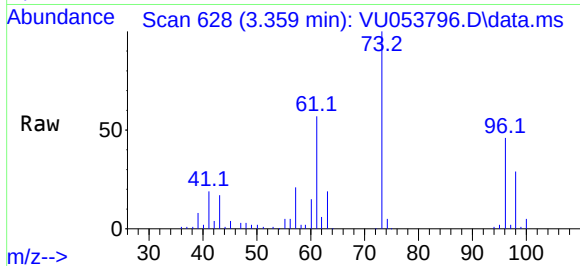




#17
Methyl tert-butyl Ether
Concen: 4.384 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

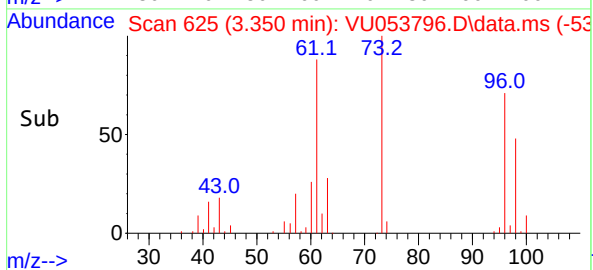
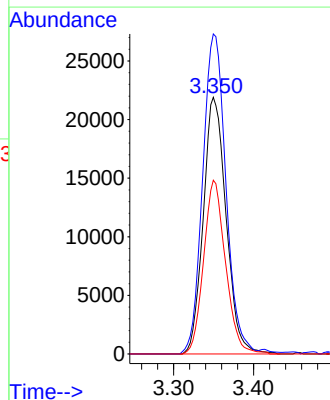
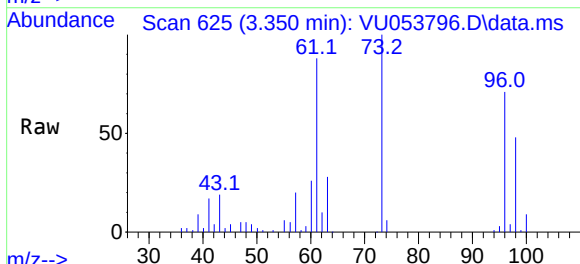
Instrument :
MSVOA_U
ClientSampleId :
VSTD005155

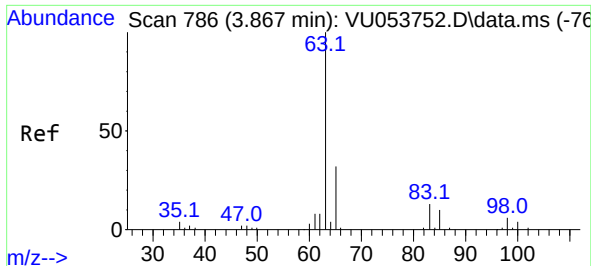
Tgt Ion:	73	Resp:	92040
Ion	Ratio	Lower	Upper
73	100		
43	17.3	13.9	20.9
57	20.5	17.0	25.6



#18
trans-1,2-Dichloroethene
Concen: 4.848 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Tgt Ion:	96	Resp:	43612
Ion	Ratio	Lower	Upper
96	100		
61	124.7	95.5	177.3
98	67.7	42.2	78.4

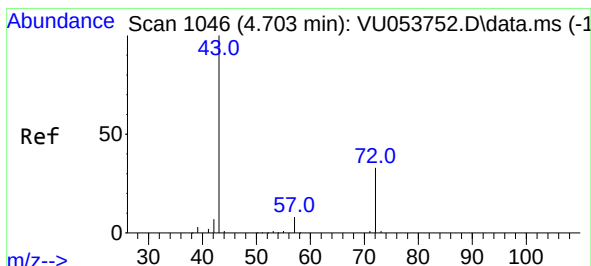
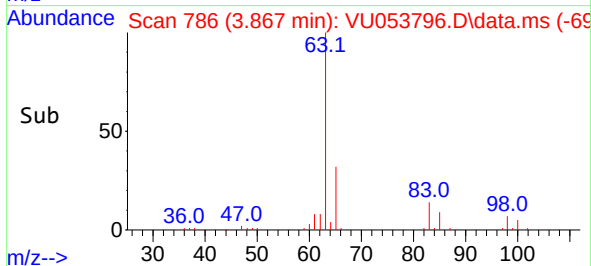
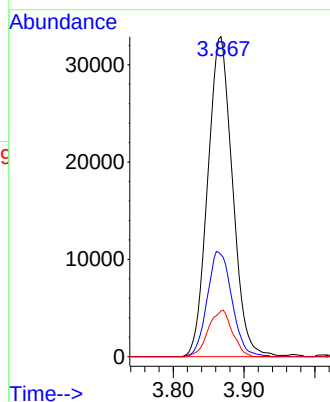
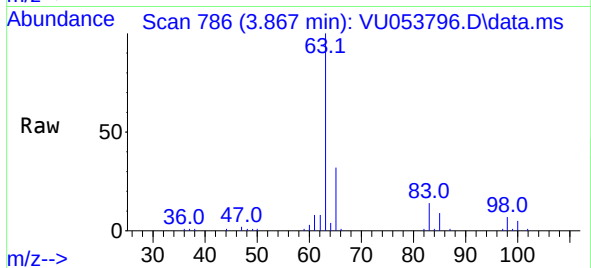




#19
1,1-Dichloroethane
Concen: 4.820 ug/L
RT: 3.867 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

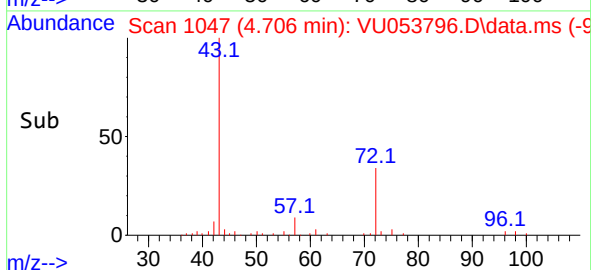
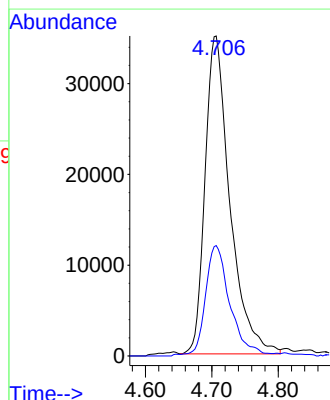
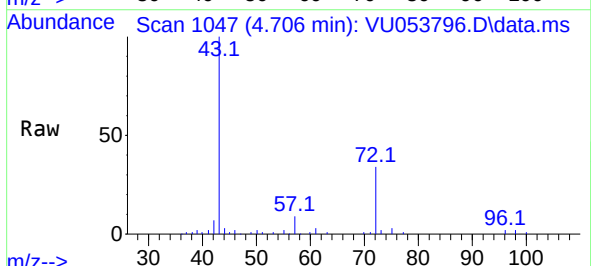
Instrument :
MSVOA_U
ClientSampleId :
VSTD005155

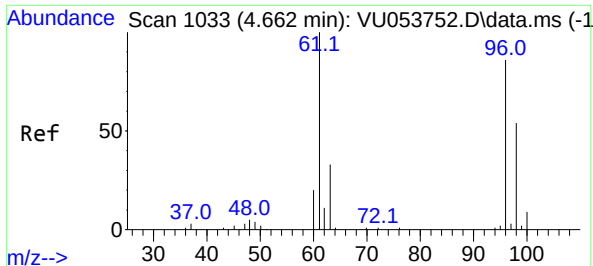
Tgt Ion:	63	Resp:	79869
Ion	Ratio	Lower	Upper
63	100		
65	31.9	21.7	40.3
83	14.3	8.1	15.1



#21
2-Butanone
Concen: 41.032 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

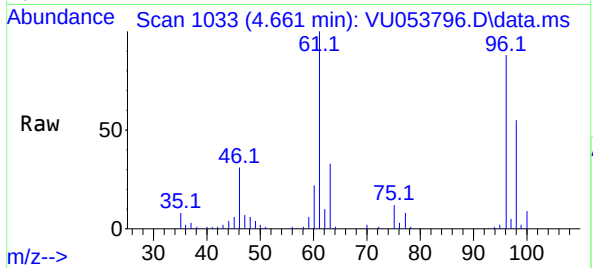
Tgt Ion:	43	Resp:	91144
Ion	Ratio	Lower	Upper
43	100		
72	34.4	16.2	48.6



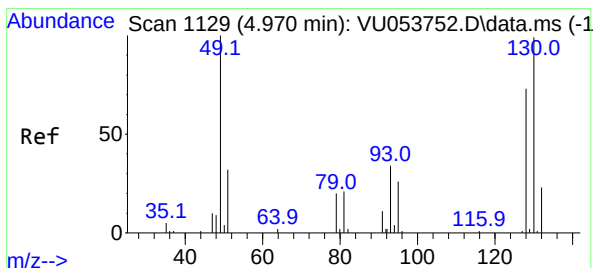
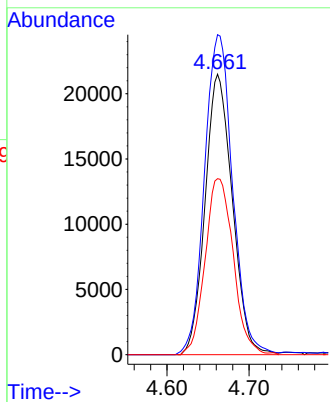
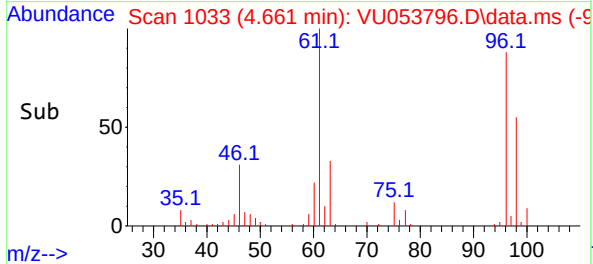


#22
cis-1,2-Dichloroethene
Concen: 4.105 ug/L
RT: 4.661 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

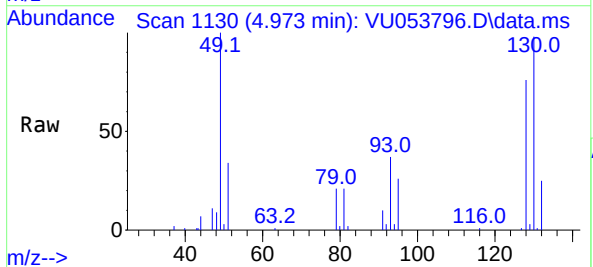
Instrument :
MSVOA_U
ClientSampleId :
VSTD005155



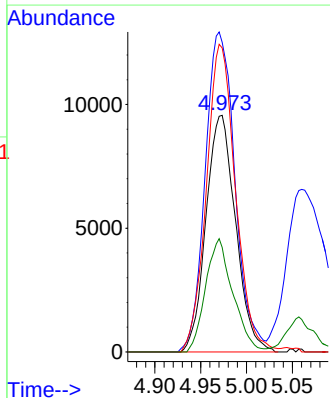
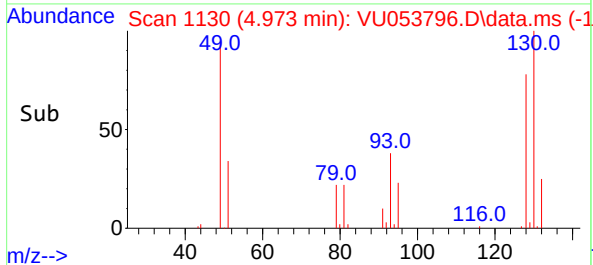
Tgt Ion: 96 Resp: 49746
Ion Ratio Lower Upper
96 100
61 114.1 86.6 160.8
98 62.7 47.7 88.5

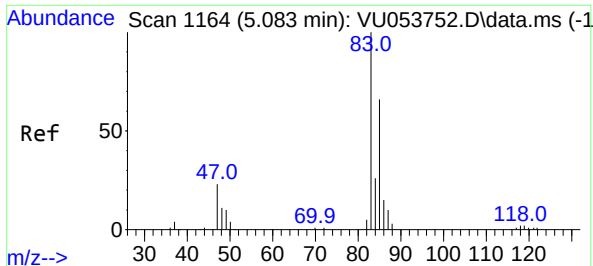


#23
Bromochloromethane
Concen: 5.010 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27



Tgt Ion:128 Resp: 21490
Ion Ratio Lower Upper
128 100
49 130.8 102.8 190.8
130 128.5 85.1 158.1
51 44.1 36.2 54.4





#25

Chloroform

Concen: 5.002 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU053796.D

Acq: 20 Apr 2023 10:27

Instrument :

MSVOA_U

ClientSampleId :

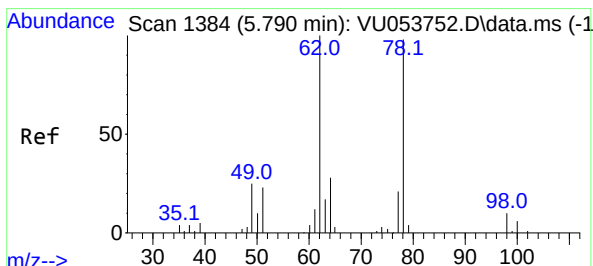
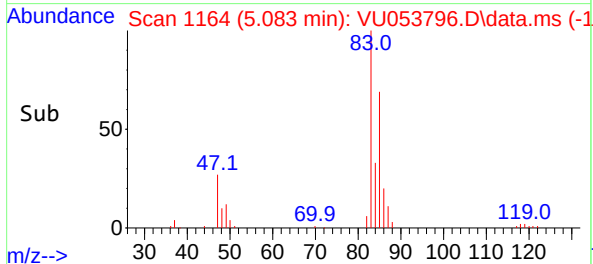
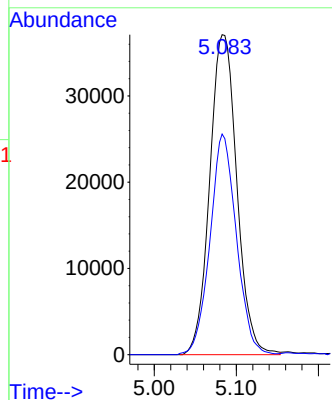
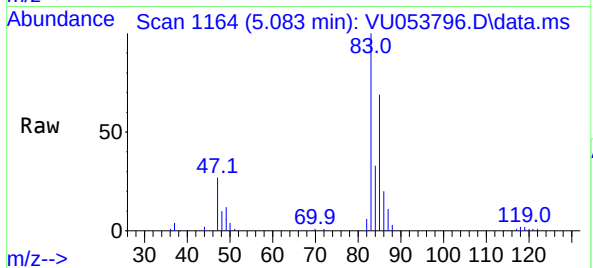
VSTD005155

Tgt Ion: 83 Resp: 85263

Ion Ratio Lower Upper

83 100

85 68.9 47.3 87.9



#27

1,2-Dichloroethane

Concen: 4.549 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VU053796.D

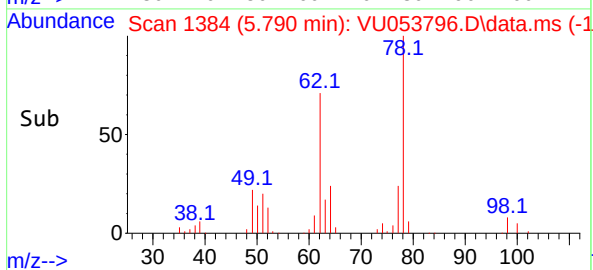
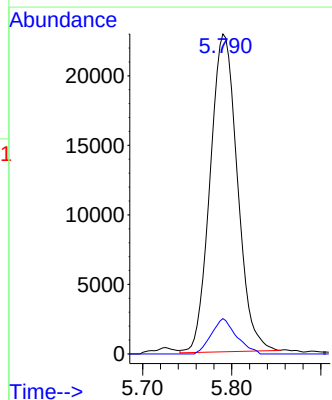
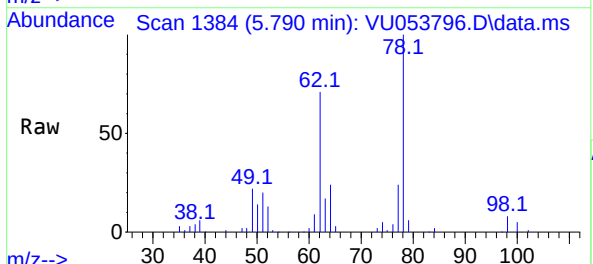
Acq: 20 Apr 2023 10:27

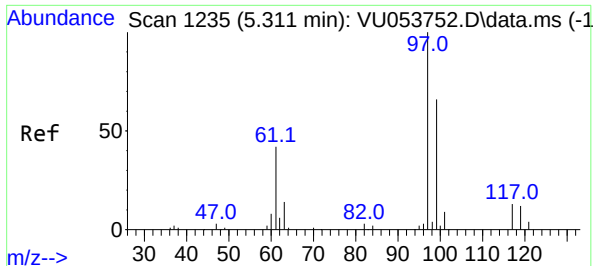
Tgt Ion: 62 Resp: 48575

Ion Ratio Lower Upper

62 100

98 11.0 6.4 9.6#

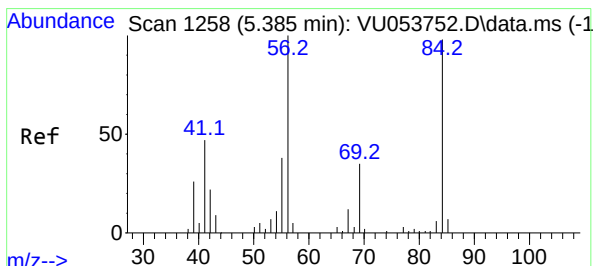
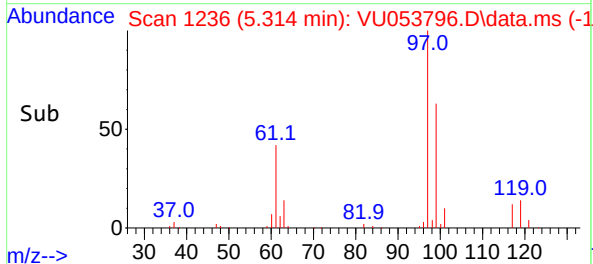
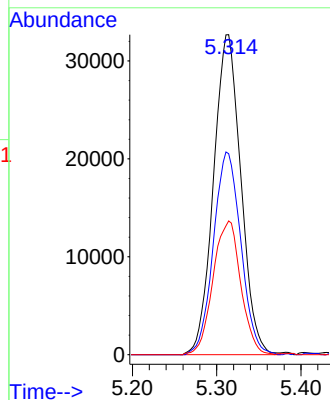
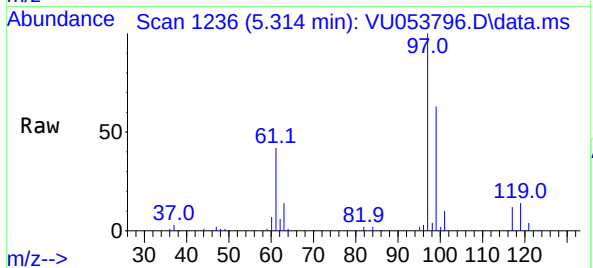




#29
1,1,1-Trichloroethane
Concen: 5.122 ug/L
RT: 5.314 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

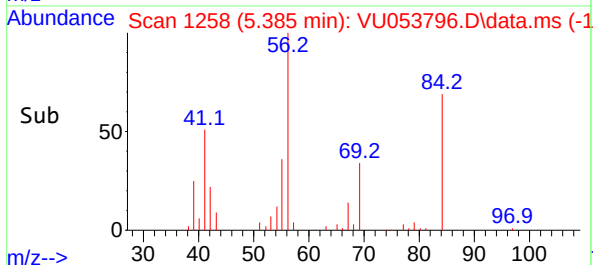
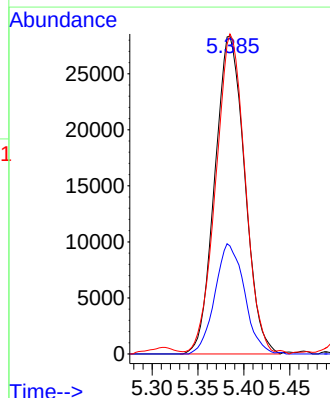
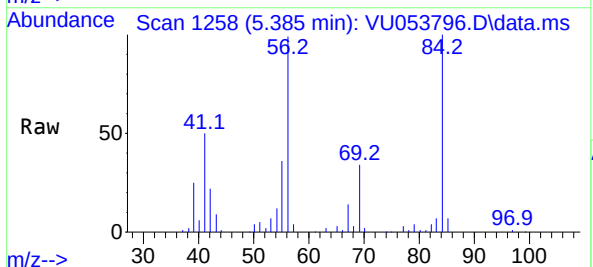
Instrument :
MSVOA_U
ClientSampleId :
VSTD005155

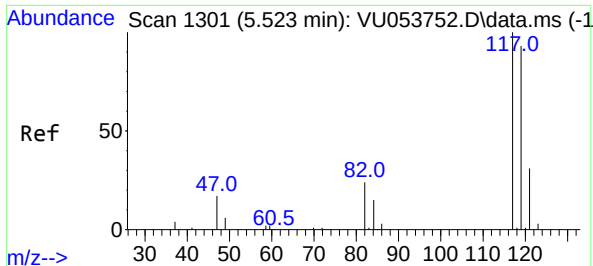
Tgt Ion: 97	Resp: 73769
Ion Ratio	Lower Upper
97 100	
99 63.4	49.9 74.9
61 42.2	35.7 53.5



#30
Cyclohexane
Concen: 4.189 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Tgt Ion: 56	Resp: 64284
Ion Ratio	Lower Upper
56 100	
69 34.2	26.1 39.1
84 98.8	75.6 113.4

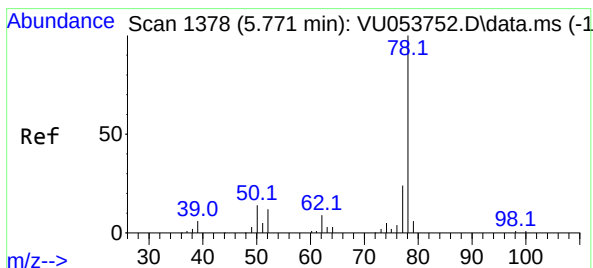
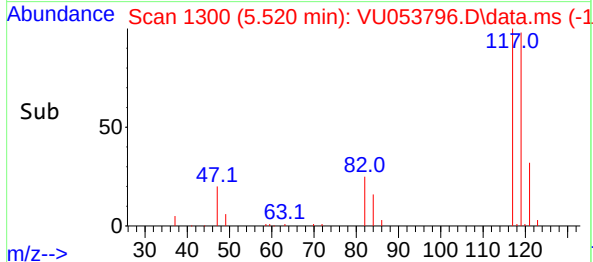
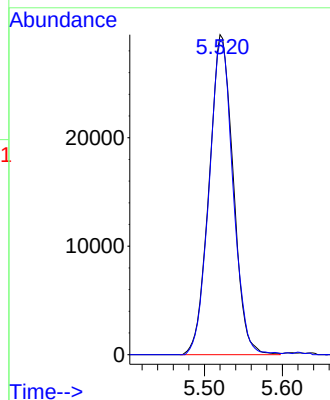
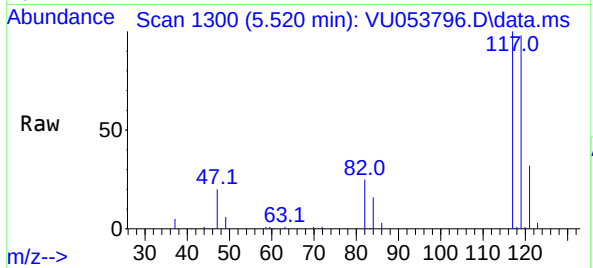




#31
Carbon tetrachloride
Concen: 5.196 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

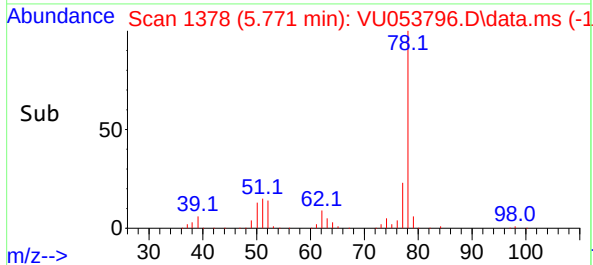
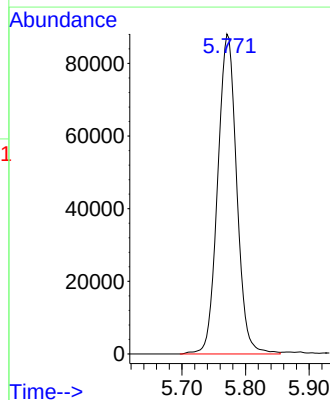
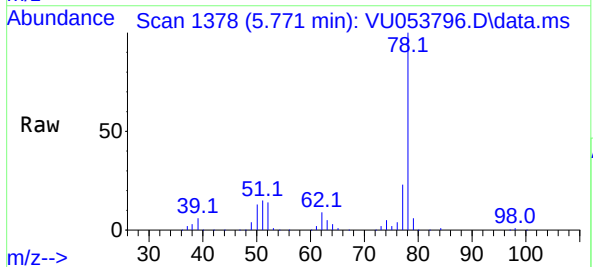
Instrument :
MSVOA_U
ClientSampleId :
VSTD005155

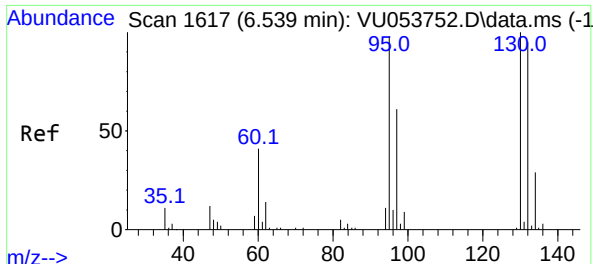
Tgt Ion:117 Resp: 63325
Ion Ratio Lower Upper
117 100
119 97.7 77.7 116.5



#33
Benzene
Concen: 4.682 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Tgt Ion: 78 Resp: 183009

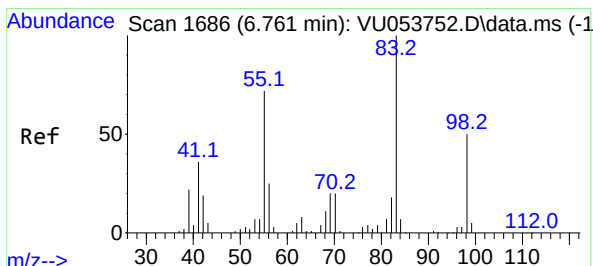
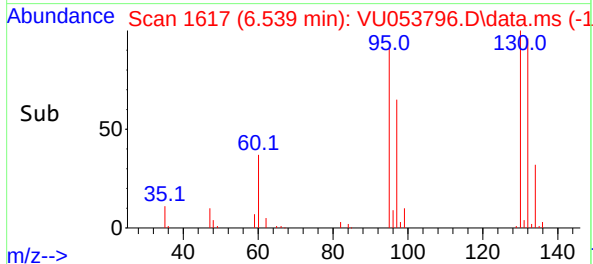
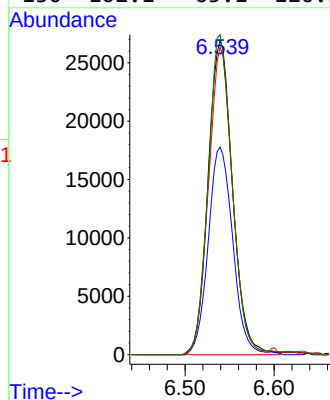
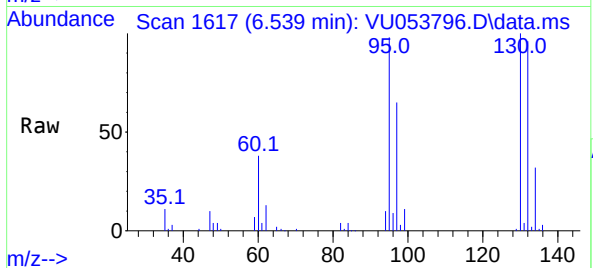




#34
Trichloroethene
Concen: 4.924 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

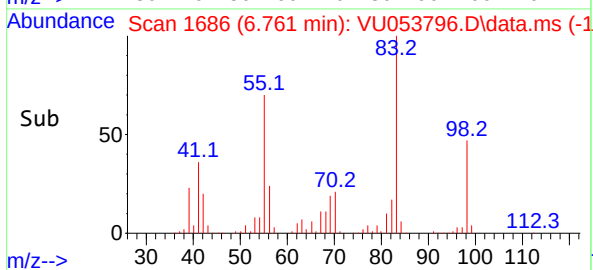
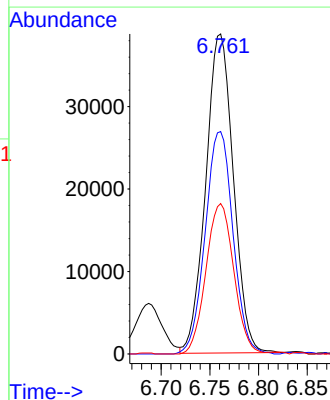
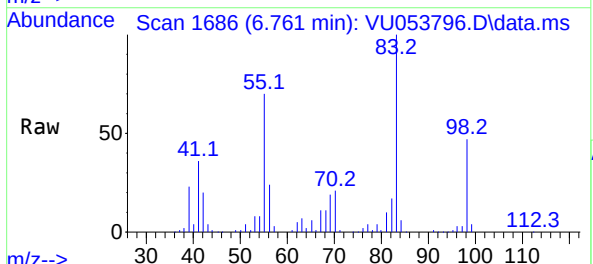
Instrument :
MSVOA_U
ClientSampleId :
VSTD005155

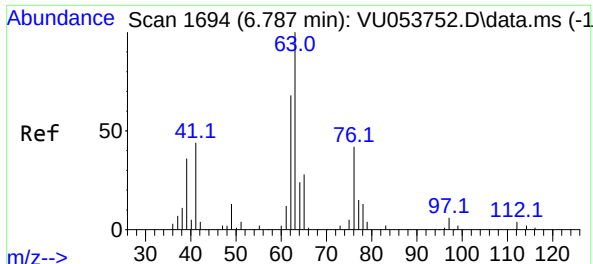
Tgt Ion: 95 Resp: 51253
Ion Ratio Lower Upper
95 100
97 66.2 45.3 84.1
132 98.1 62.8 116.6
130 102.1 65.1 120.9



#35
Methylcyclohexane
Concen: 4.281 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Tgt Ion: 83 Resp: 76460
Ion Ratio Lower Upper
83 100
55 70.3 54.9 82.3
98 47.4 34.9 52.3

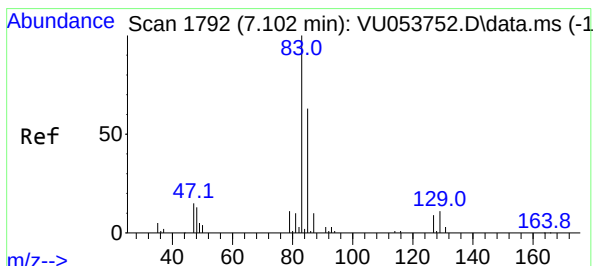
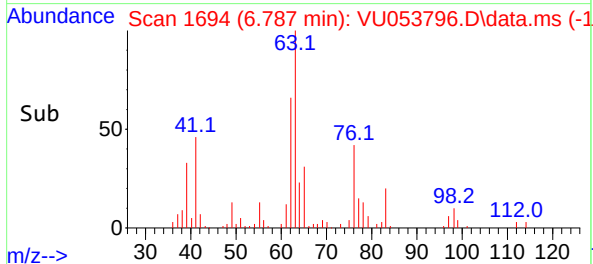
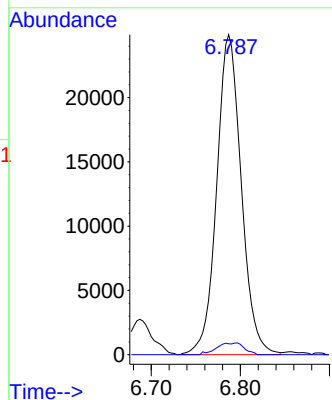
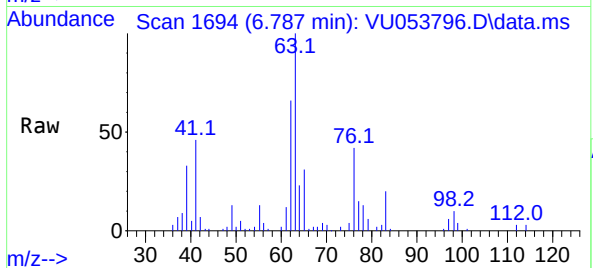




#37
1,2-Dichloropropane
Concen: 4.627 ug/L
RT: 6.787 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

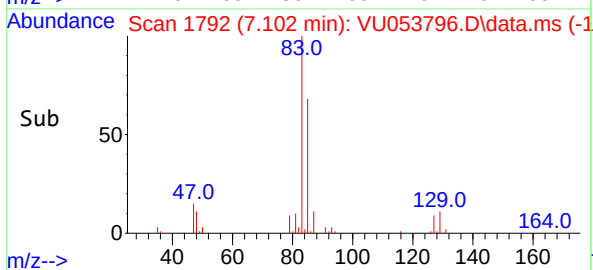
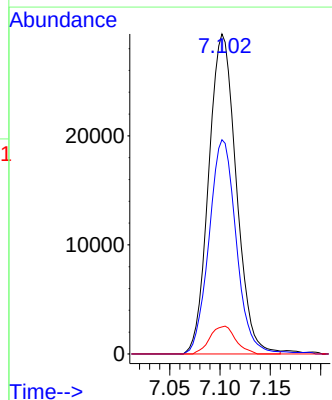
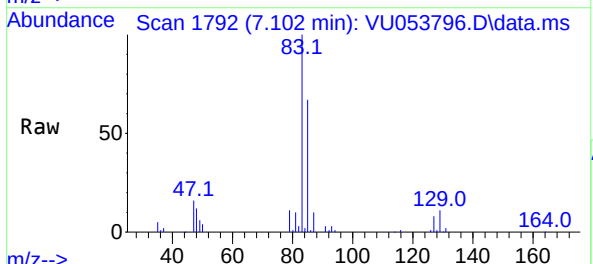
Instrument :
MSVOA_U
ClientSampleId :
VSTD005155

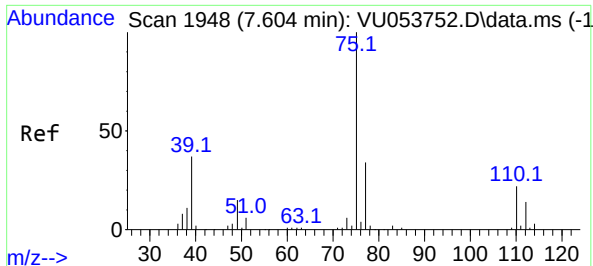
Tgt Ion: 63 Resp: 47755
Ion Ratio Lower Upper
63 100
112 2.4 3.0 4.4#



#38
Bromodichloromethane
Concen: 4.872 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Tgt Ion: 83 Resp: 55847
Ion Ratio Lower Upper
83 100
85 67.0 44.0 81.8
127 8.5 5.8 8.6

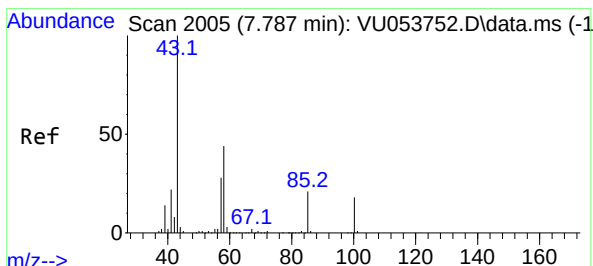
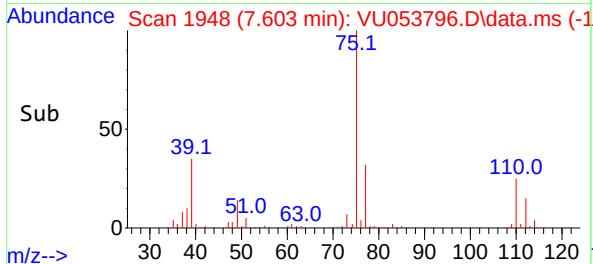
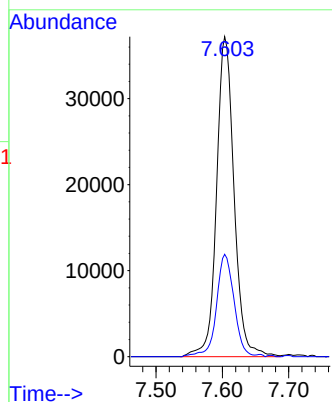
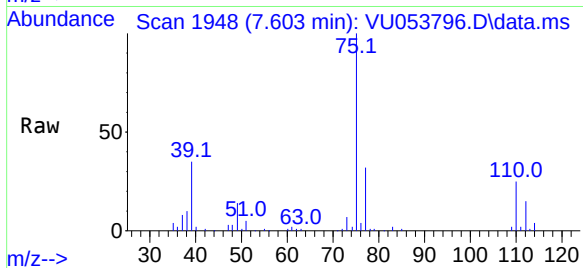




#39
 cis-1,3-Dichloropropene
 Concen: 4.480 ug/L
 RT: 7.603 min Scan# 1948
 Delta R.T. -0.000 min
 Lab File: VU053796.D
 Acq: 20 Apr 2023 10:27

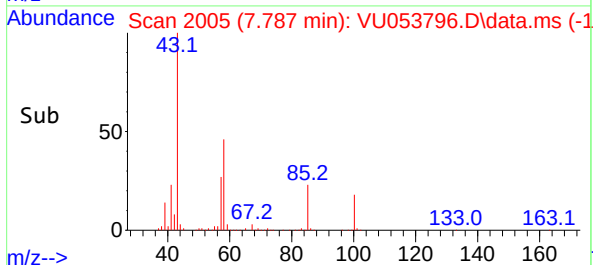
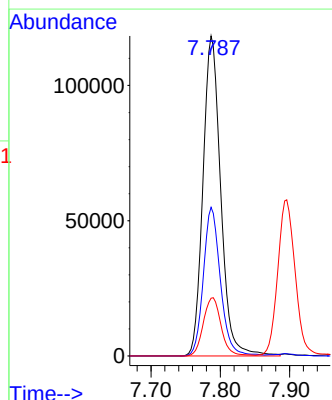
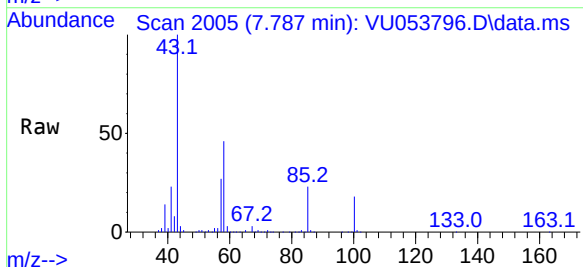
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005155

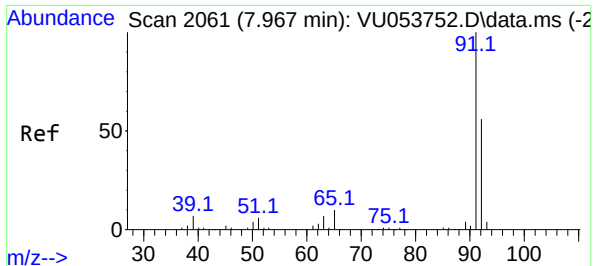
Tgt Ion: 75 Resp: 68320
 Ion Ratio Lower Upper
 75 100
 77 32.0 21.1 39.3



#40
 4-Methyl-2-pentanone
 Concen: 41.784 ug/L
 RT: 7.787 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VU053796.D
 Acq: 20 Apr 2023 10:27

Tgt Ion: 43 Resp: 211043
 Ion Ratio Lower Upper
 43 100
 58 44.6 37.4 56.0
 100 18.2 14.0 21.0

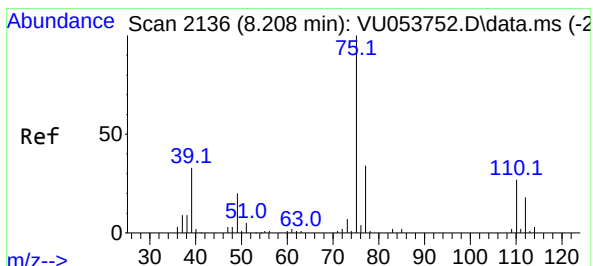
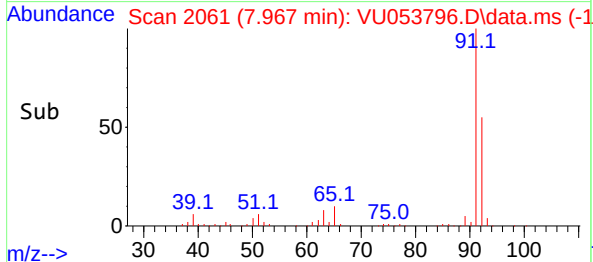
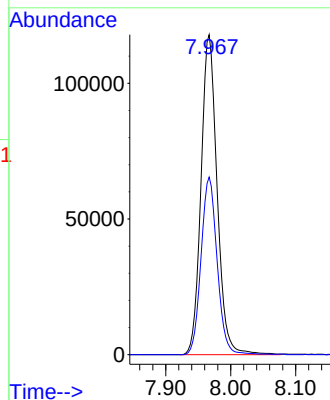
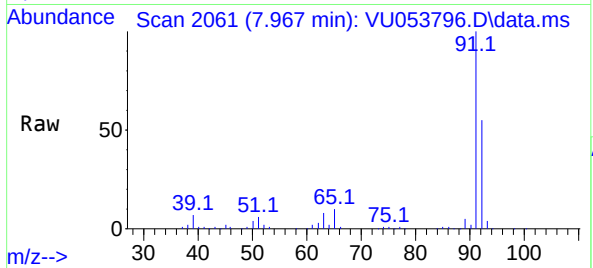




#42
Toluene
Concen: 4.769 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

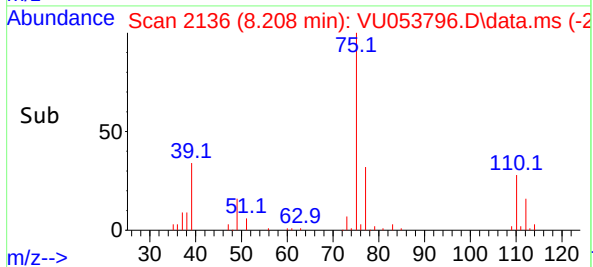
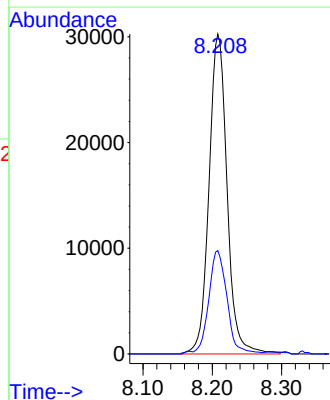
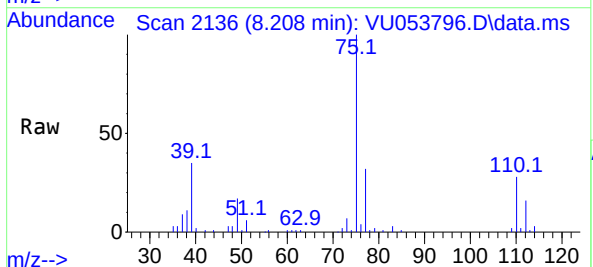
Instrument :
MSVOA_U
ClientSampleId :
VSTD005155

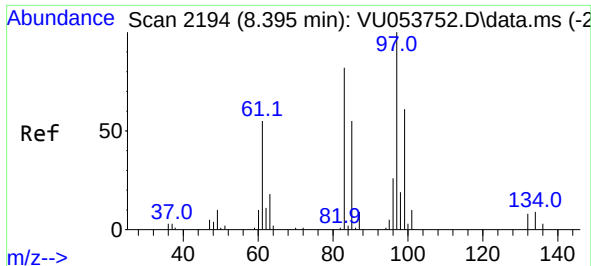
Tgt Ion: 91 Resp: 203693
Ion Ratio Lower Upper
91 100
92 55.5 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.411 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Tgt Ion: 75 Resp: 54731
Ion Ratio Lower Upper
75 100
77 32.3 22.0 40.8



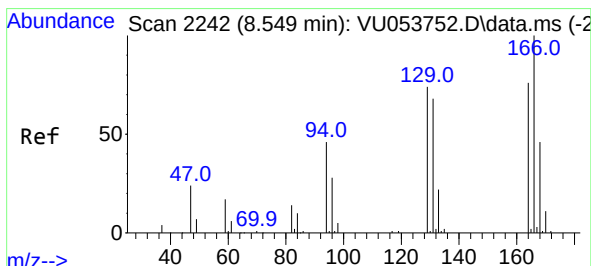
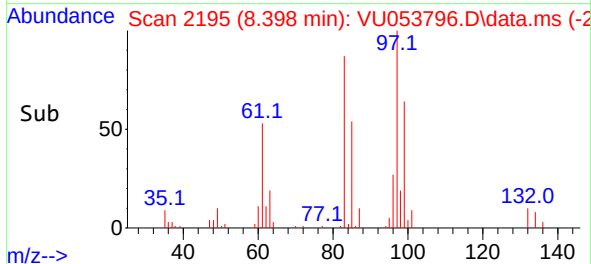
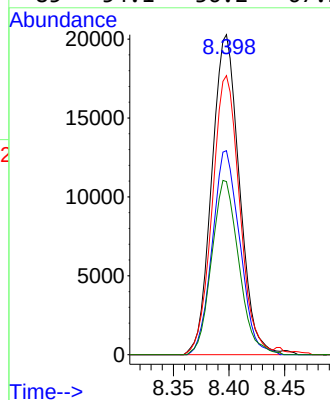
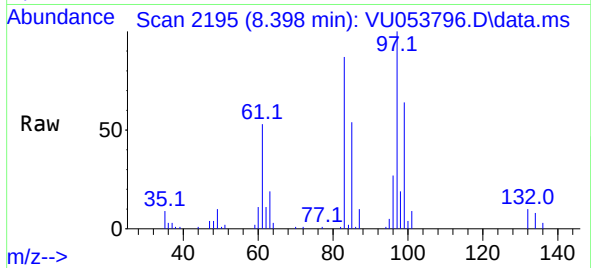


#45
1,1,2-Trichloroethane
Concen: 4.774 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005155

Tgt Ion: 97 Resp: 34989

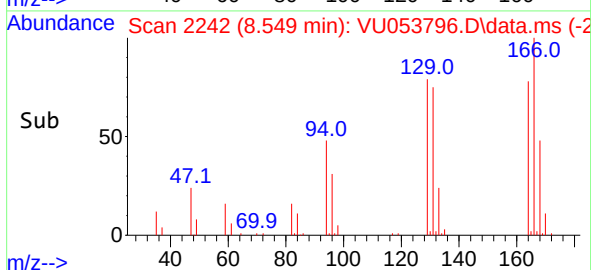
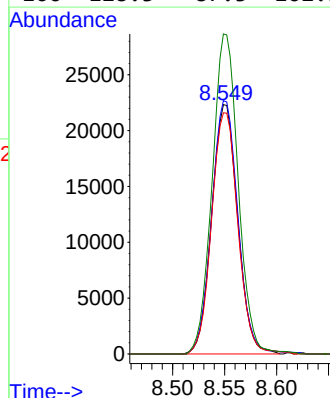
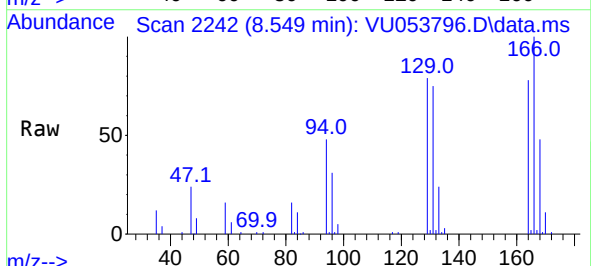
Ion	Ratio	Lower	Upper
97	100		
99	63.8	38.9	72.2
83	87.2	57.6	107.0
85	54.1	36.2	67.2

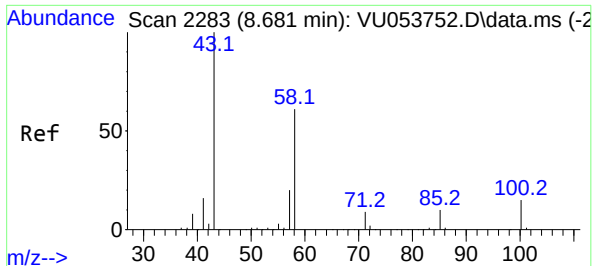


#47
Tetrachloroethene
Concen: 5.078 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Tgt Ion: 164 Resp: 38837

Ion	Ratio	Lower	Upper
164	100		
129	101.6	74.8	138.8
131	96.7	70.1	130.1
166	128.3	87.3	162.1



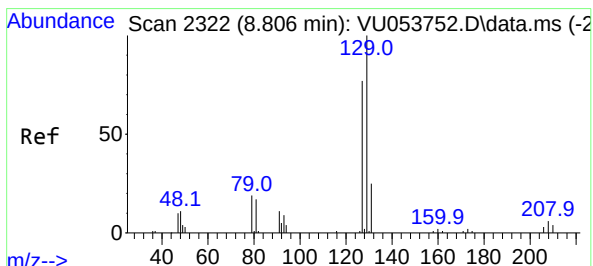
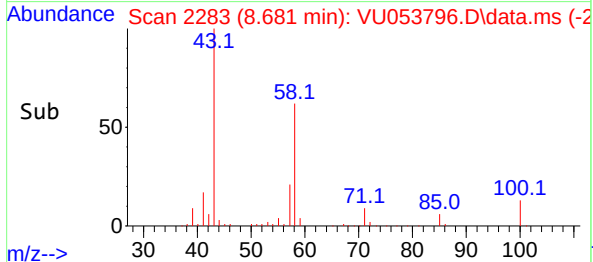
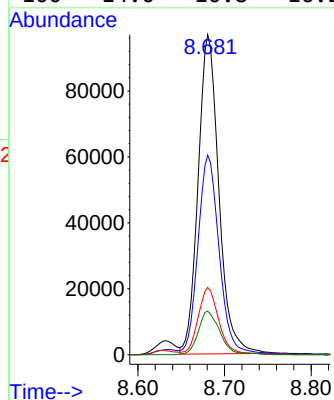
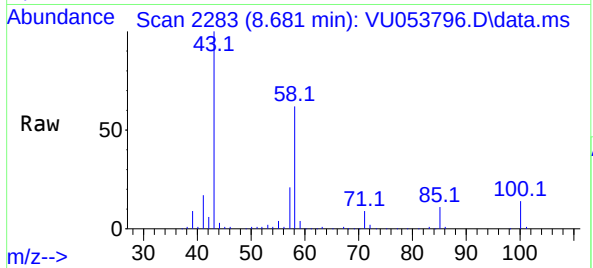


#48
2-Hexanone
Concen: 43.201 ug/L
RT: 8.681 min Scan# 2283
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005155

Tgt Ion: 43 Resp: 161340

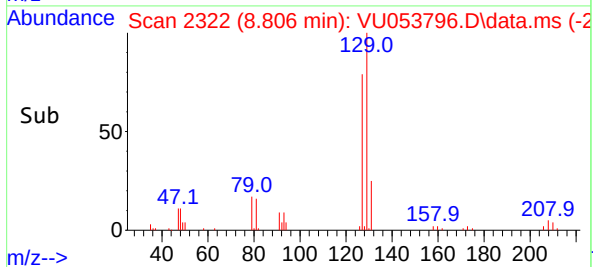
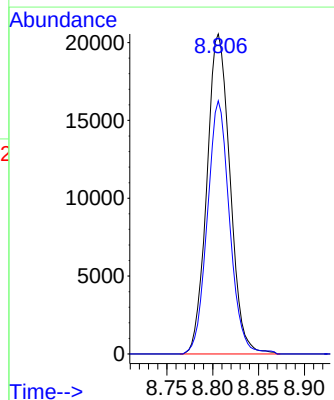
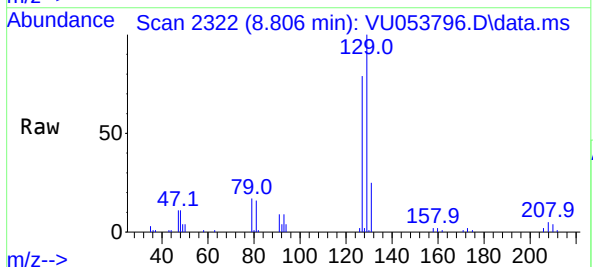
Ion	Ratio	Lower	Upper
43	100		
58	64.4	52.8	79.2
57	20.9	17.1	25.7
100	14.0	10.8	16.2

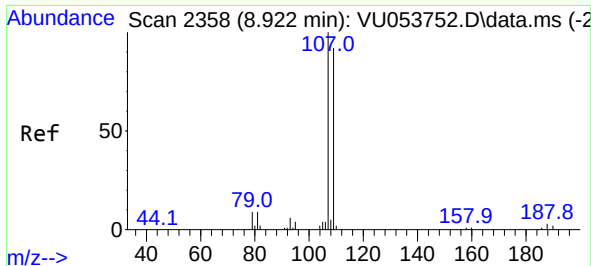


#49
Dibromochloromethane
Concen: 4.987 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Tgt Ion: 129 Resp: 36139

Ion	Ratio	Lower	Upper
129	100		
127	79.1	52.2	97.0

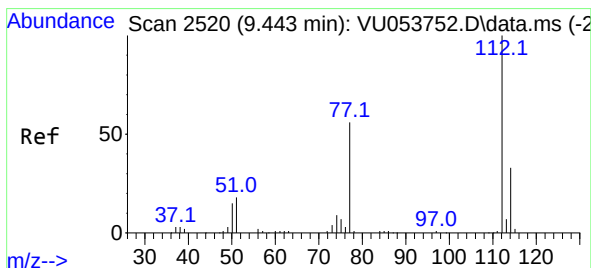
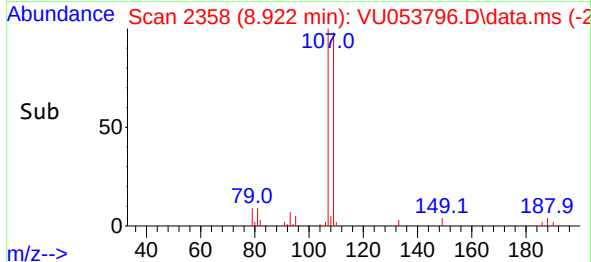
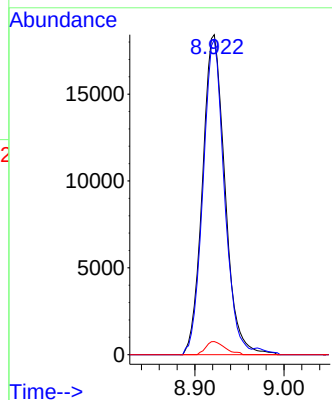
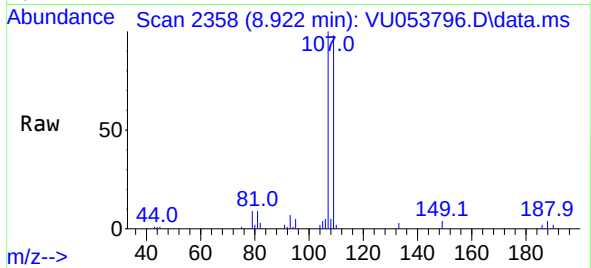




#50
1,2-Dibromoethane
Concen: 4.557 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

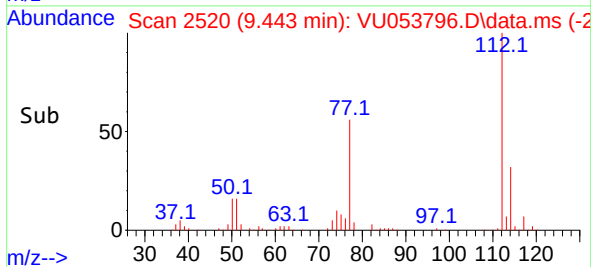
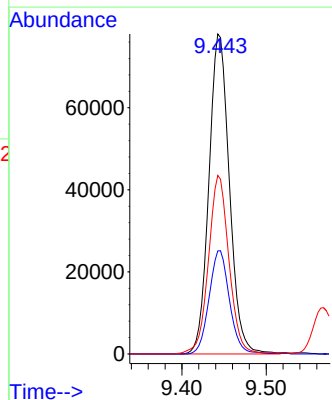
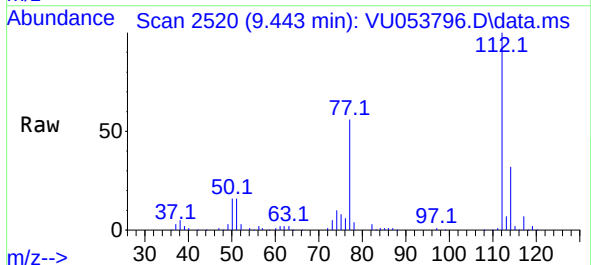
Instrument :
MSVOA_U
ClientSampleId :
VSTD005155

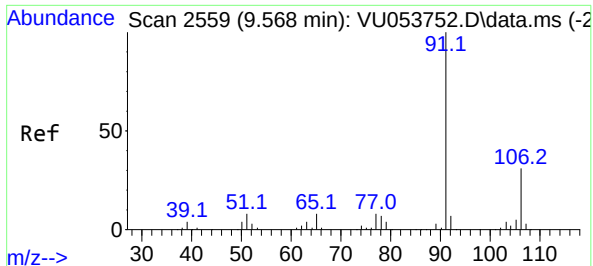
Tgt Ion:107 Resp: 32258
Ion Ratio Lower Upper
107 100
109 98.4 64.7 120.1
188 4.1 3.0 4.6



#51
Chlorobenzene
Concen: 4.893 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Tgt Ion:112 Resp: 131812
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 55.8 45.8 68.6





#52

Ethylbenzene

Concen: 4.590 ug/L

RT: 9.568 min Scan# 2559

Delta R.T. -0.000 min

Lab File: VU053796.D

Acq: 20 Apr 2023 10:27

Instrument :

MSVOA_U

ClientSampleId :

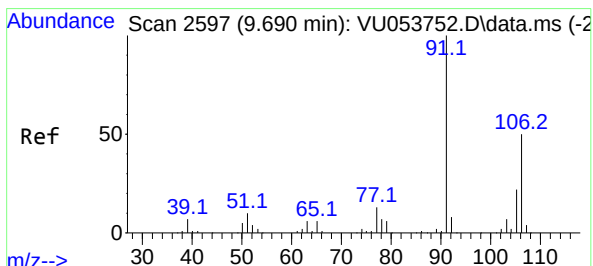
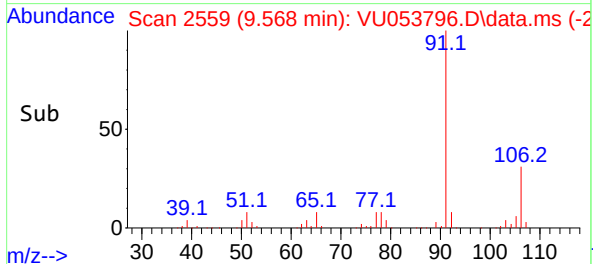
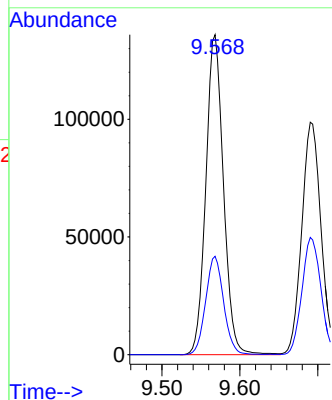
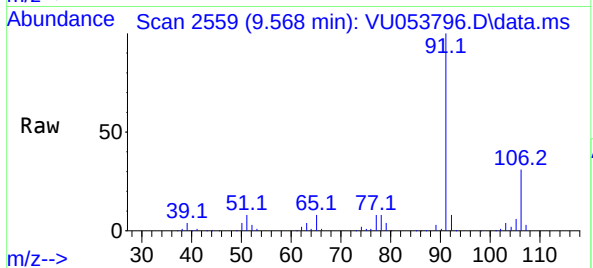
VSTD005155

Tgt Ion: 91 Resp: 213693

Ion Ratio Lower Upper

91 100

106 30.7 22.5 41.9



#53

m,p-Xylene

Concen: 4.741 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. -0.000 min

Lab File: VU053796.D

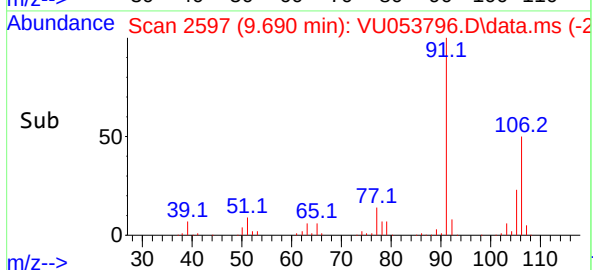
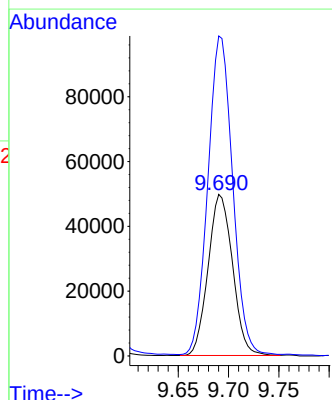
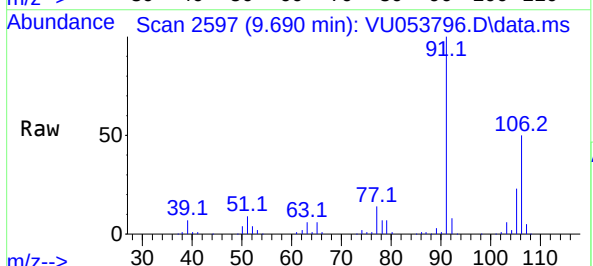
Acq: 20 Apr 2023 10:27

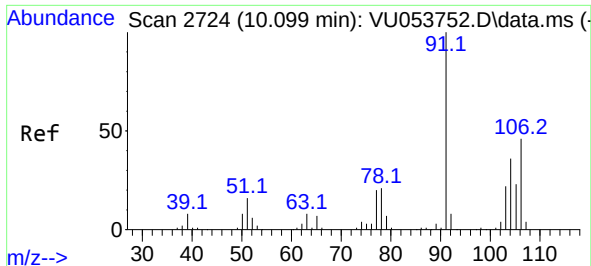
Tgt Ion:106 Resp: 84146

Ion Ratio Lower Upper

106 100

91 198.1 138.8 257.8

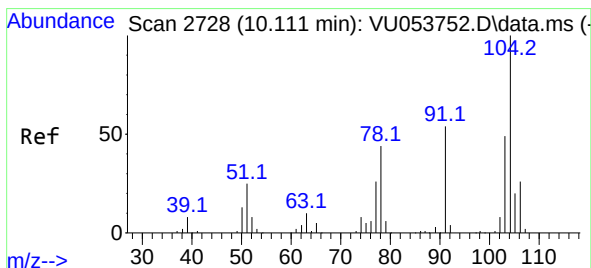
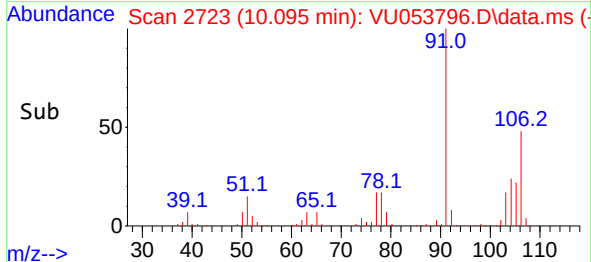
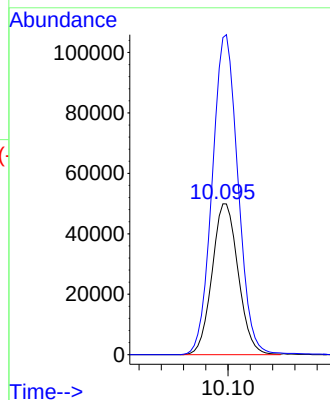
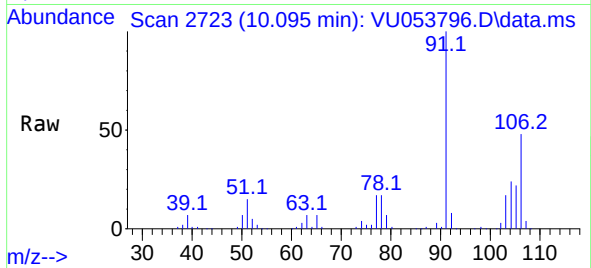




#54
o-Xylene
Concen: 4.830 ug/L
RT: 10.095 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

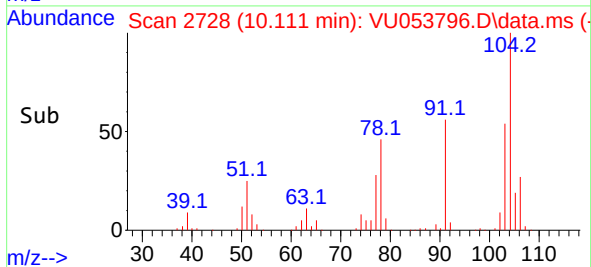
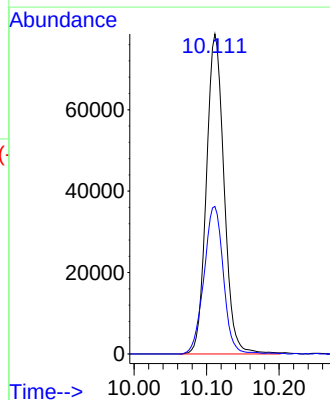
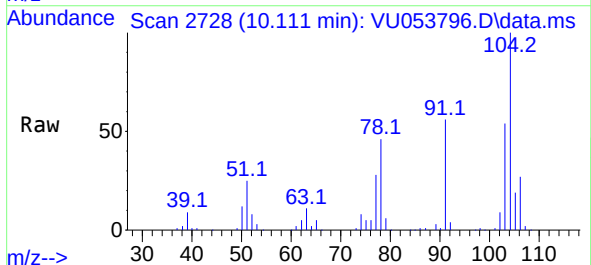
Instrument :
MSVOA_U
ClientSampleId :
VSTD005155

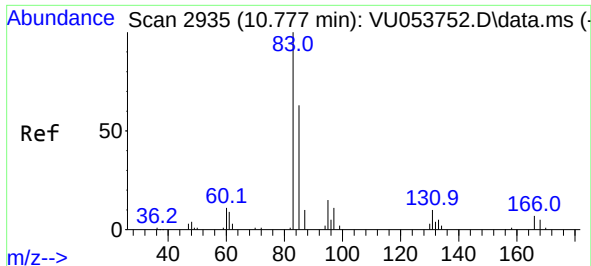
Tgt Ion:106 Resp: 81327
Ion Ratio Lower Upper
106 100
91 210.1 150.8 280.0



#55
Styrene
Concen: 4.819 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Tgt Ion:104 Resp: 133248
Ion Ratio Lower Upper
104 100
78 46.1 33.0 61.4

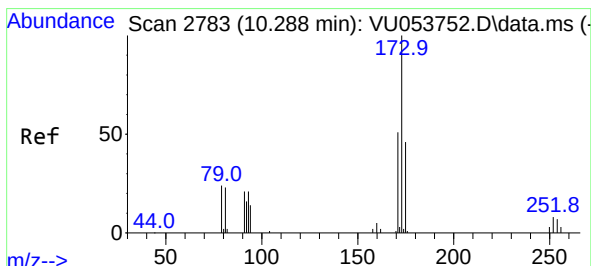
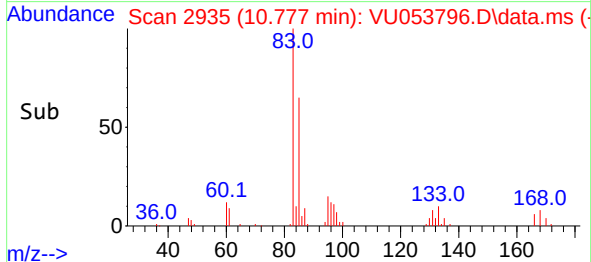
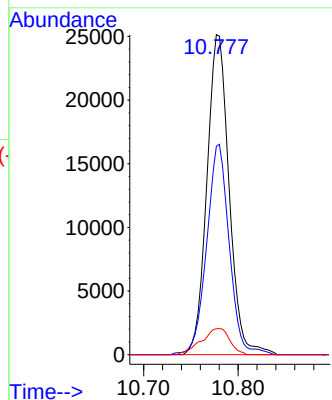
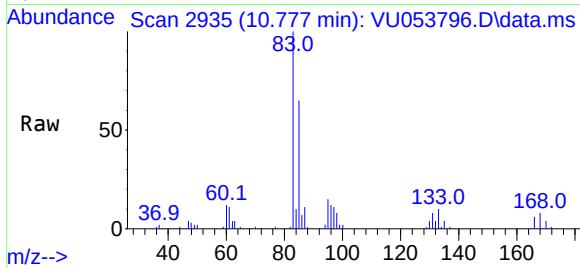




#57
1,1,2,2-Tetrachloroethane
Concen: 4.437 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

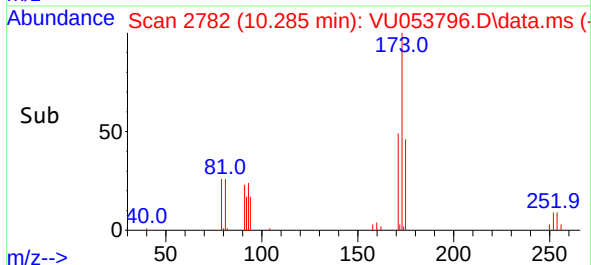
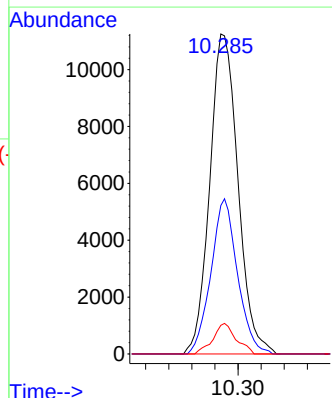
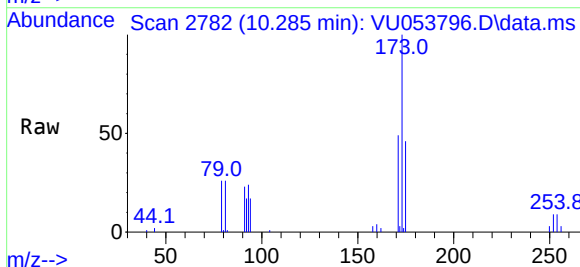
Instrument :
MSVOA_U
ClientSampleId :
VSTD005155

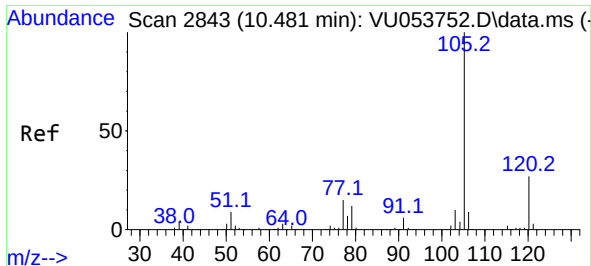
Tgt Ion: 83 Resp: 41061
Ion Ratio Lower Upper
83 100
85 65.1 43.8 81.4
131 8.1 7.2 10.8



#59
Bromoform
Concen: 4.712 ug/L
RT: 10.285 min Scan# 2782
Delta R.T. -0.003 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Tgt Ion:173 Resp: 19065
Ion Ratio Lower Upper
173 100
175 45.6 39.9 59.9
254 7.8 6.6 9.8

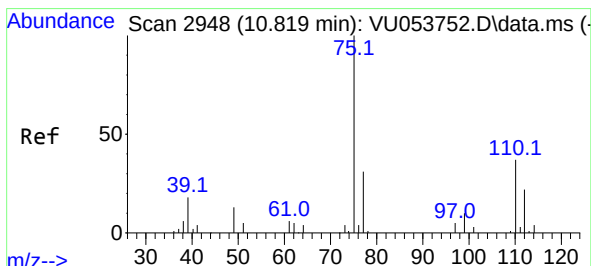
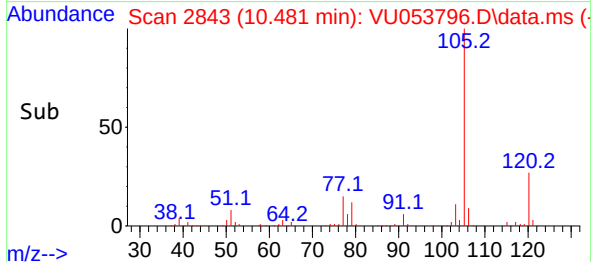
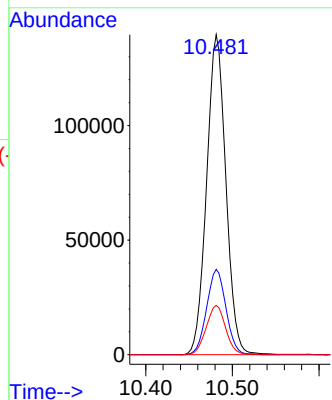
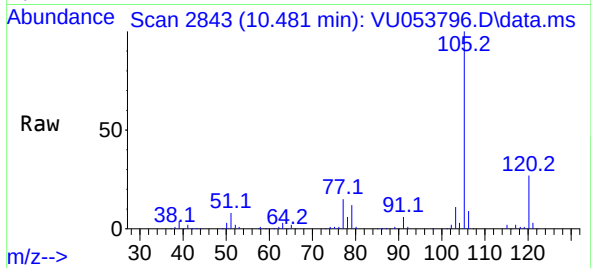




#60
Isopropylbenzene
Concen: 4.519 ug/L
RT: 10.481 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

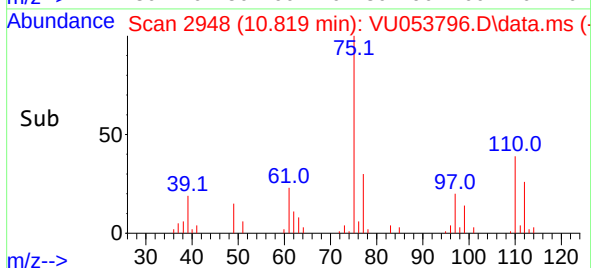
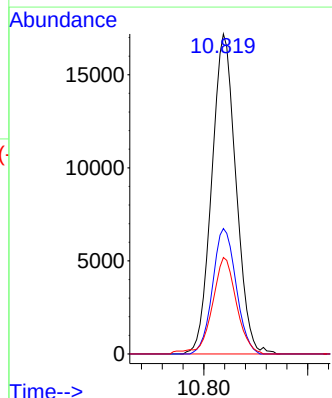
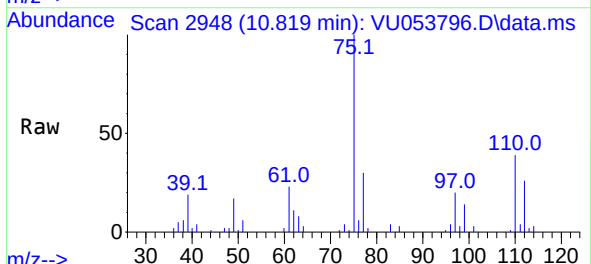
Instrument :
MSVOA_U
ClientSampleId :
VSTD005155

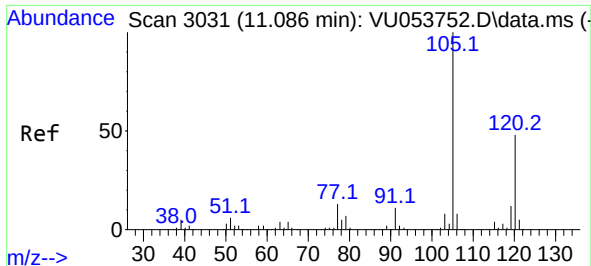
Tgt Ion:105 Resp: 215670
Ion Ratio Lower Upper
105 100
120 26.8 21.5 32.3
77 15.6 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 4.271 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Tgt Ion: 75 Resp: 27808
Ion Ratio Lower Upper
75 100
110 38.0 30.6 46.0
77 30.1 26.1 39.1





#62

1,3,5-Trimethylbenzene

Concen: 4.561 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU053796.D

Acq: 20 Apr 2023 10:27

Instrument :

MSVOA_U

ClientSampleId :

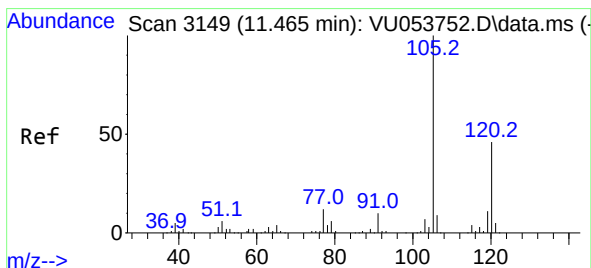
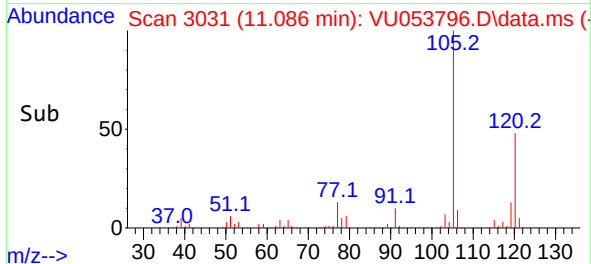
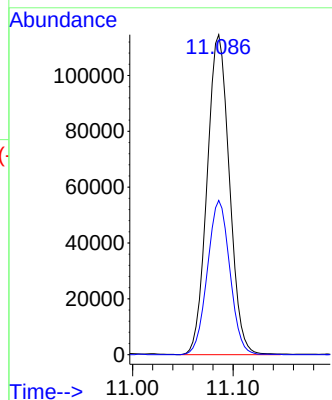
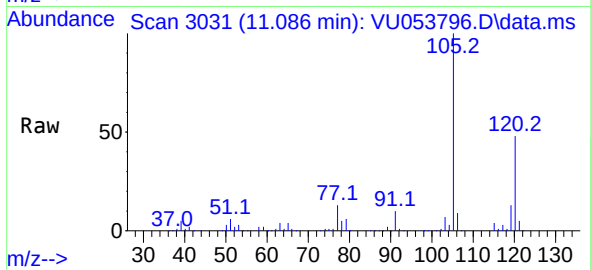
VSTD005155

Tgt Ion:105 Resp: 176624

Ion Ratio Lower Upper

105 100

120 48.6 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 4.483 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU053796.D

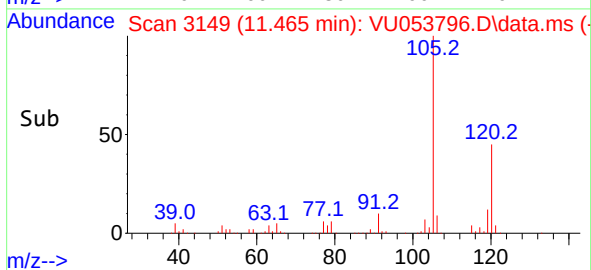
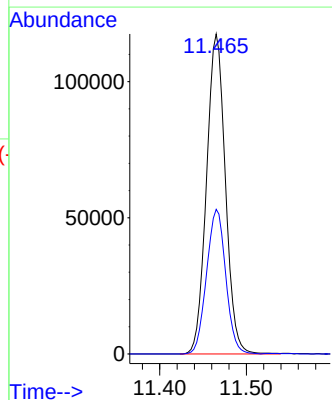
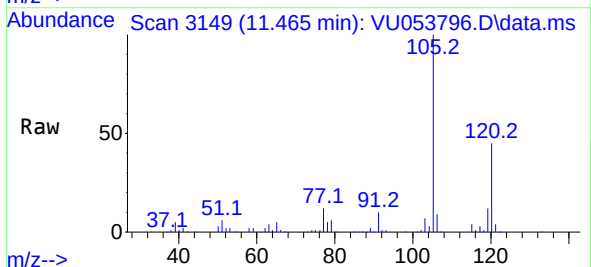
Acq: 20 Apr 2023 10:27

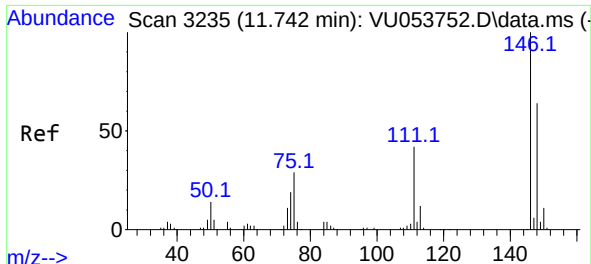
Tgt Ion:105 Resp: 177813

Ion Ratio Lower Upper

105 100

120 45.9 35.4 53.0

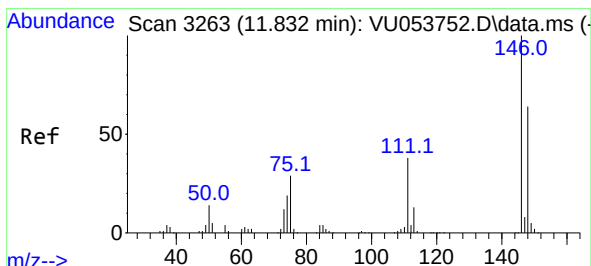
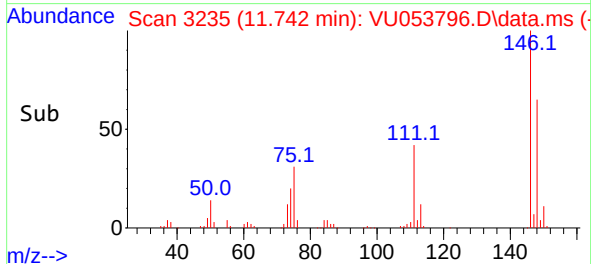
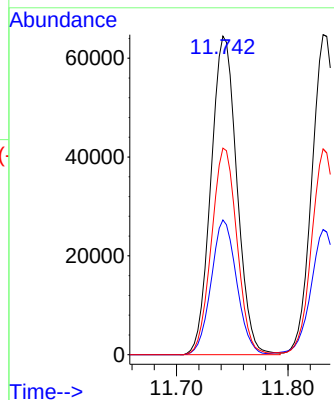
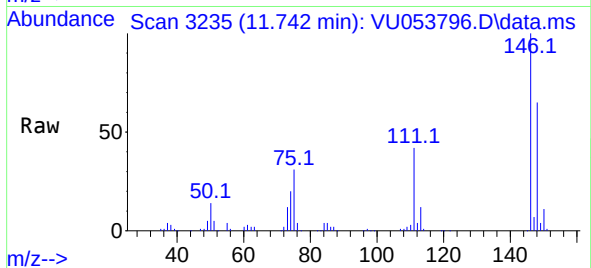




#64
1,3-Dichlorobenzene
Concen: 4.973 ug/L
RT: 11.742 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

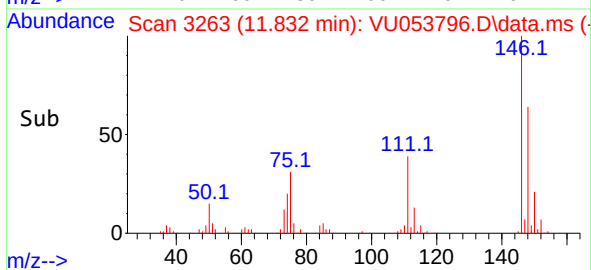
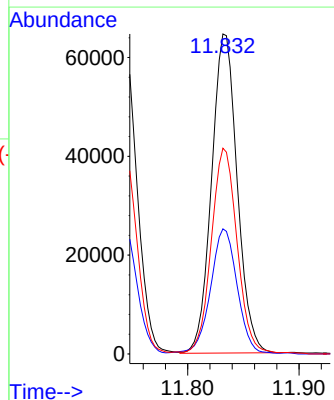
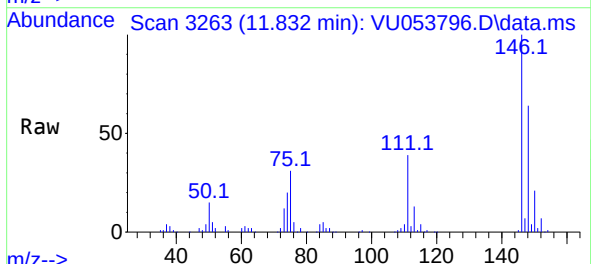
Instrument :
MSVOA_U
ClientSampleId :
VSTD005155

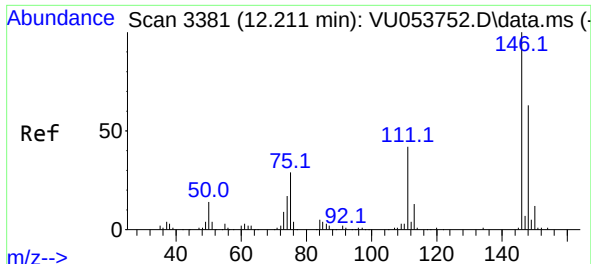
Tgt Ion:146 Resp: 104338
Ion Ratio Lower Upper
146 100
111 42.3 29.4 54.6
148 64.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.903 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Tgt Ion:146 Resp: 103302
Ion Ratio Lower Upper
146 100
111 39.1 29.8 55.4
148 64.3 43.0 80.0





#67

1,2-Dichlorobenzene

Concen: 4.959 ug/L

RT: 12.208 min Scan# 3381

Delta R.T. -0.003 min

Lab File: VU053796.D

Acq: 20 Apr 2023 10:27

Instrument :

MSVOA_U

ClientSampleId :

VSTD005155

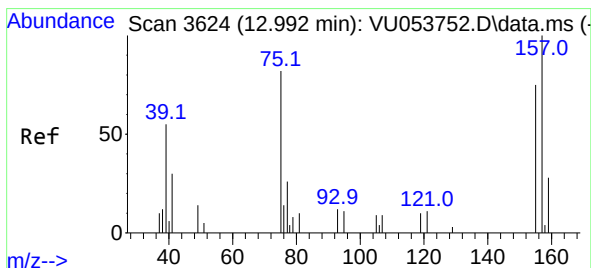
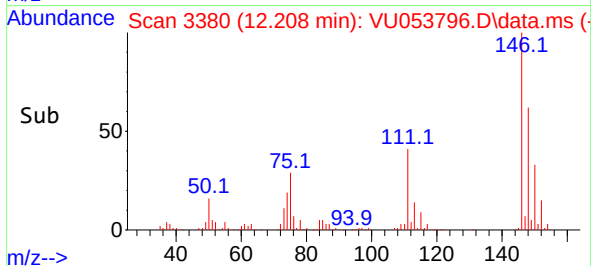
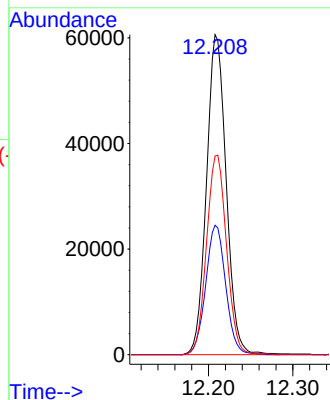
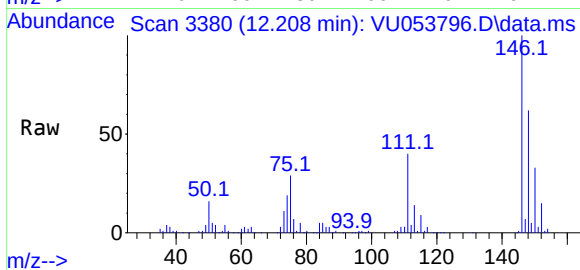
Tgt Ion:146 Resp: 98657

Ion Ratio Lower Upper

146 100

111 40.4 35.0 52.6

148 62.1 48.2 72.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.023 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU053796.D

Acq: 20 Apr 2023 10:27

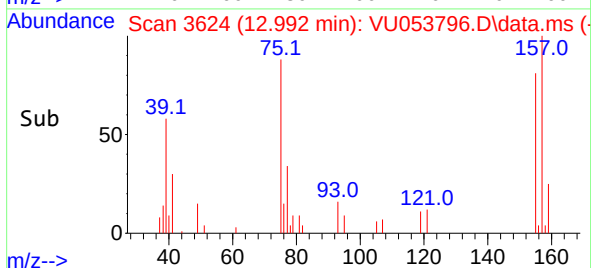
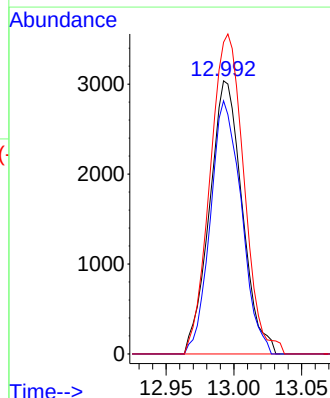
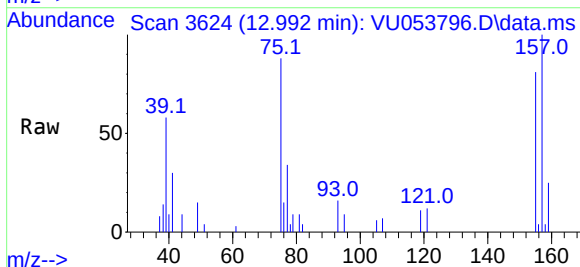
Tgt Ion: 75 Resp: 5079

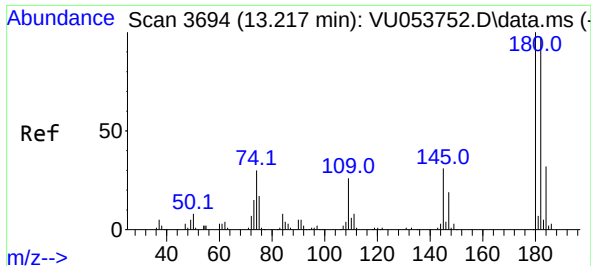
Ion Ratio Lower Upper

75 100

155 92.7 63.9 95.9

157 114.1 74.1 111.1#

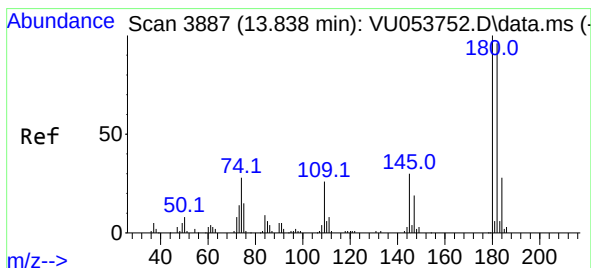
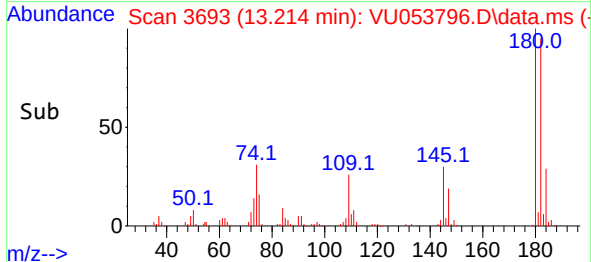
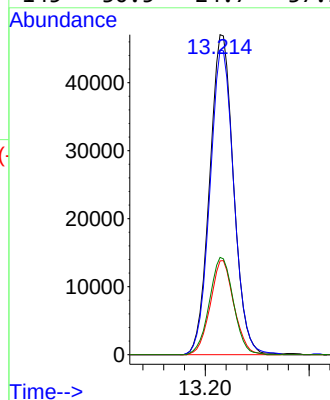
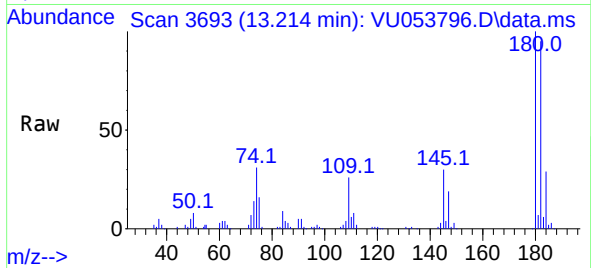




#69
1,3,5-Trichlorobenzene
Concen: 5.117 ug/L
RT: 13.214 min Scan# 30
Delta R.T. -0.003 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

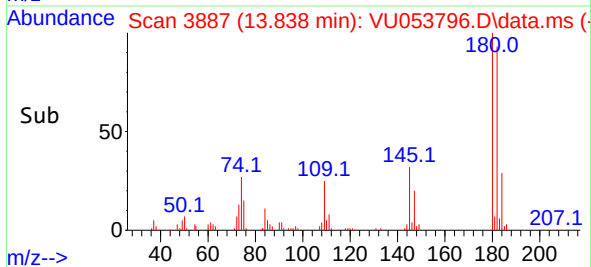
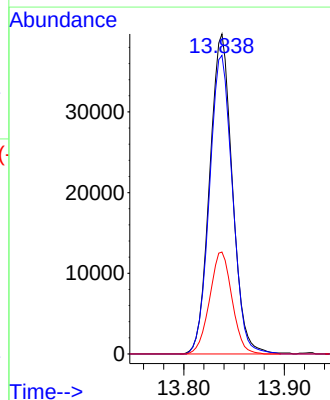
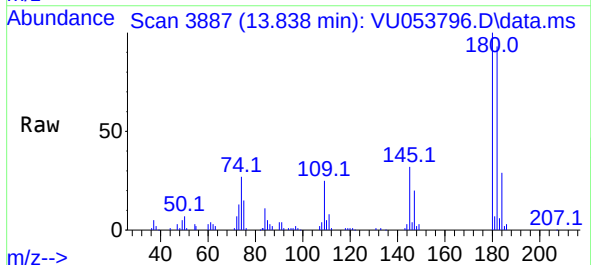
Instrument :
MSVOA_U
ClientSampleId :
VSTD005155

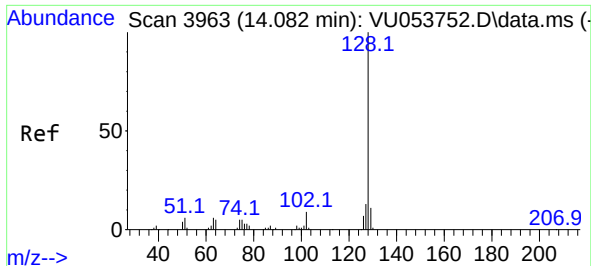
Tgt Ion:	180	Resp:	74952
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.7	115.1
184	29.1	24.1	36.1
145	30.5	24.7	37.1



#70
1,2,4-trichlorobenzene
Concen: 5.331 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Tgt Ion:	180	Resp:	62091
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.4	113.2
145	31.5	25.8	38.8



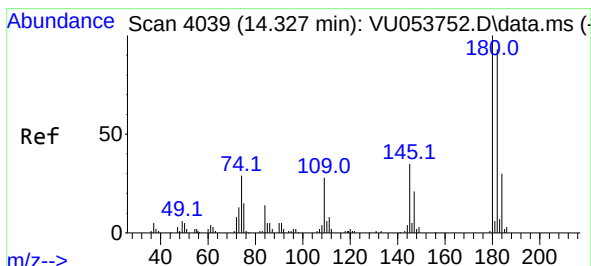
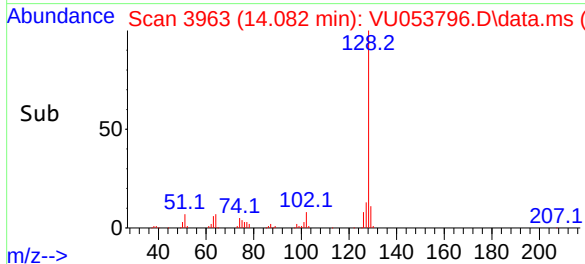
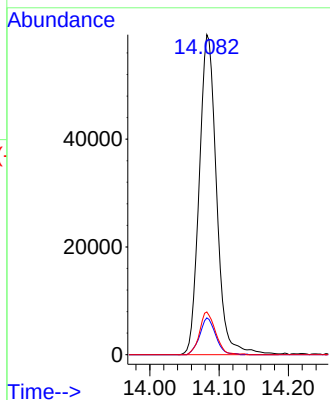
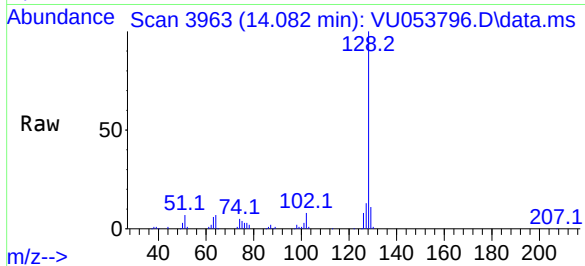


#71
Naphthalene
Concen: 4.694 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Instrument :
MSVOA_U
ClientSampleId :
VSTD005155

Tgt Ion:128 Resp: 103001

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.2	12.4
127	12.3	10.0	15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.374 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU053796.D
Acq: 20 Apr 2023 10:27

Tgt Ion:180 Resp: 54636

Ion	Ratio	Lower	Upper
180	100		
182	95.2	74.8	112.2
145	33.6	26.3	39.5

