

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053776.D
 Acq On : 19 Apr 2023 11:22
 Operator : JC/MD
 Sample : VSTDICC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

Quant Time: Apr 20 08:07:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Apr 20 08:05:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.108	96	31865	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	12359	1.064	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
68) 1,2-Dichlorobenzene-d4	12.188	152	14939	1.233	ug/l	0.00
Spiked Amount 1.000			Recovery	=	123.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	17444	1.569	ug/l	100
3) Chloromethane	1.520	50	16236	1.454	ug/l	99
4) Vinyl Chloride	1.604	62	18342	1.540	ug/l	100
5) Bromomethane	1.848	94	14040	1.397	ug/l	99
6) Chloroethane	1.928	64	11339	1.472	ug/l	97
7) Trichlorofluoromethane	2.134	101	30143	1.651	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	19496	2.038	ug/l	94
9) 1,1-Dichloroethene	2.578	96	15773	1.852	ug/l	86
10) Iodomethane	2.719	142	14579	1.674	ug/l	97
11) Allyl Chloride	2.919	41	19149	2.008	ug/l	97
12) Acrylonitrile	3.308	53	8231	4.774	ug/l	93
13) Acetone	2.620	43	31537	9.564	ug/l	97
14) Carbon Disulfide	2.790	76	25354	1.067	ug/l	97
15) Methylene Chloride	3.041	84	23330	1.165	ug/l	89
16) trans-1,2-Dichloroethene	3.346	96	17619	2.001	ug/l	83
17) 1,1-Dichloroethane	3.864	63	37189	2.273	ug/l	98
18) 2-Butanone	4.713	43	38280	11.175	ug/l	99
19) Cyclohexane	5.375	56	22870	1.779	ug/l	86
20) Methylcyclohexane	6.755	83	22234	1.431	ug/l	94
21) 2,2-Dichloropropane	4.661	77	32781	2.313	ug/l	98
22) cis-1,2-Dichloroethene	4.661	96	22285	2.290	ug/l	94
23) Diethyl Ether	2.375	59	11991	1.795	ug/l	88
24) tert-Butyl Alcohol	3.179	59	15336	23.020	ug/l #	1
25) Methyl tert-Butyl Ether	3.366	73	46460	2.380	ug/l	96
26) Bromochloromethane	4.964	128	9757	2.426	ug/l	90
27) Chloroform	5.083	83	40163	2.341	ug/l	96
28) 1,1,1-Trichloroethane	5.308	97	32814	2.235	ug/l	97
29) 1,1-Dichloropropene	5.517	75	20549	1.715	ug/l	99
30) Carbon Tetrachloride	5.517	117	22834	2.010	ug/l	98
31) Isopropyl Ether	3.996	45	53082	2.339	ug/l	91
32) Ethyl-t-butyl ether	4.504	59	53708	2.304	ug/l	94
33) Tert-Amyl methyl ether	5.947	73	38309	1.916	ug/l	99
34) Propionitrile	4.774	54	8311	14.451	ug/l #	18
35) Benzene	5.767	78	63189	1.781	ug/l	99
36) 1,2-Dichloroethane	5.793	62	20875	2.013	ug/l	97
37) Trichloroethene	6.536	130	18268	2.007	ug/l	90
38) 1,2-Dichloropropane	6.787	63	17951	1.938	ug/l #	87
39) Methacrylonitrile	4.976	41	6045	2.535	ug/l #	82
40) Methyl acrylate	4.848	55	10541	2.421	ug/l #	97
41) Tetrahydrofuran	5.063	42	6623	5.437	ug/l	95
42) 1-Chlorobutane	5.449	56	28692	1.789	ug/l	93
43) Dibromomethane	6.915	93	9155	2.062	ug/l	95
44) Bromodichloromethane	7.105	83	22824	2.052	ug/l	98

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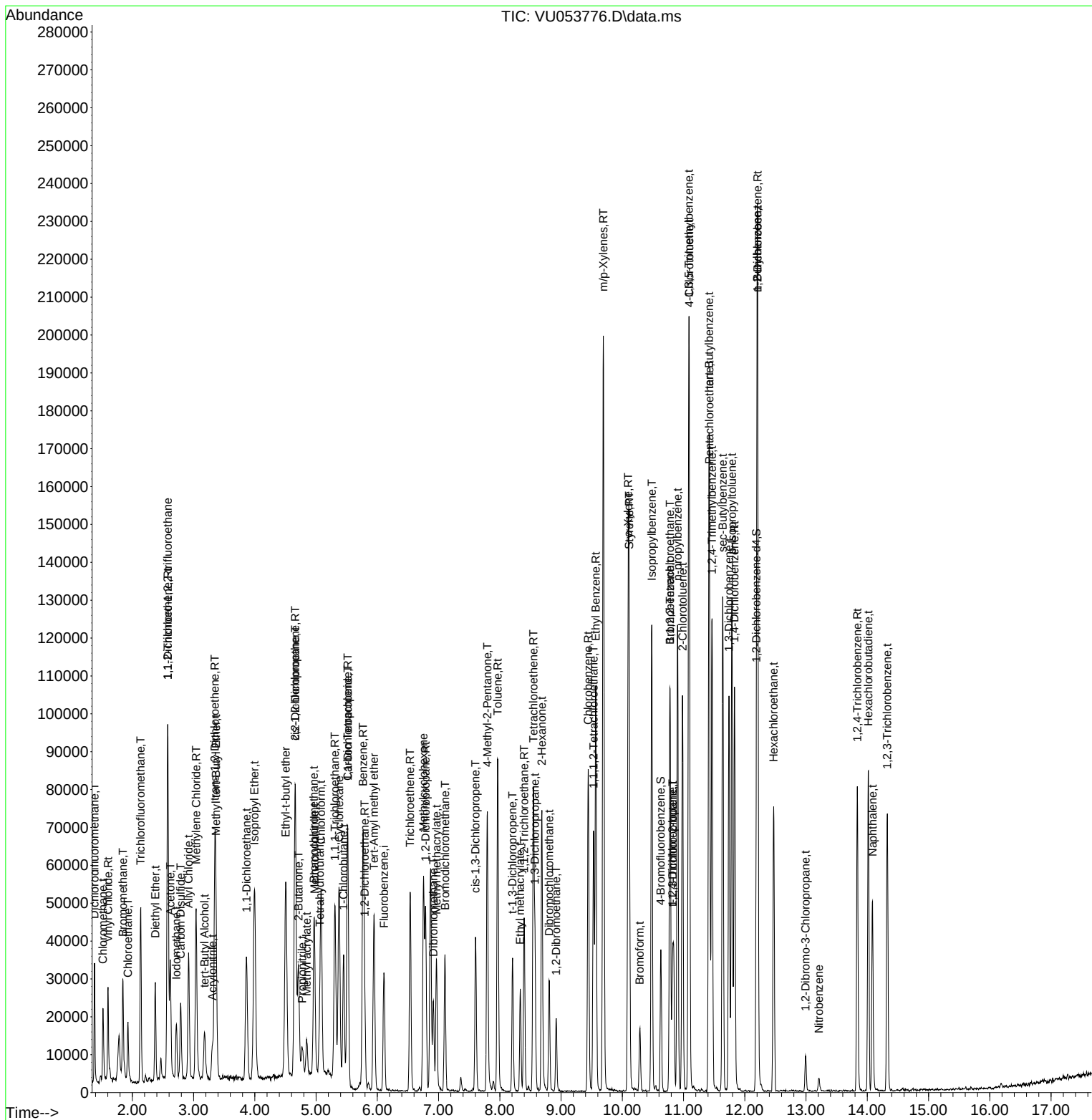
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

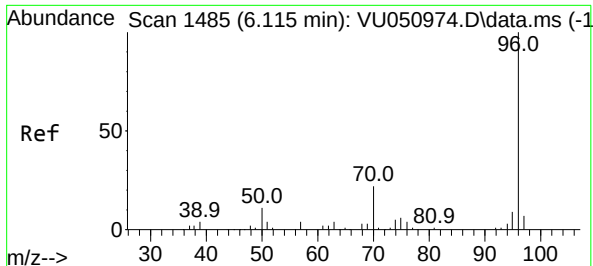
Quant Time: Apr 20 08:07:58 2023
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	46099	9.934	ug/l	97
46) t-1,4-Dichloro-2-butene	10.822	75	21452	8.551	ug/l #	45
47) Methyl methacrylate	6.967	69	15557	3.804	ug/l	92
48) Ethyl methacrylate	8.333	69	15156	1.918	ug/l	90
49) Toluene	7.967	92	38610	1.763	ug/l	98
50) t-1,3-Dichloropropene	8.208	75	20259	1.973	ug/l	99
51) cis-1,3-Dichloropropene	7.603	75	24529	1.943	ug/l	96
52) 1,1,2-Trichloroethane	8.398	97	14604	2.220	ug/l	95
53) 1,3-Dichloropropane	8.574	76	23507	2.111	ug/l	99
54) 2-Hexanone	8.687	43	44623	9.129	ug/l	97
55) Dibromochloromethane	8.806	129	14935	2.216	ug/l	97
56) 1,2-Dibromoethane	8.918	107	12430	2.065	ug/l	97
58) Tetrachloroethene	8.549	164	17215	2.017	ug/l	96
59) Chlorobenzene	9.443	112	49652	2.015	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.533	131	17997	2.329	ug/l	96
61) Pentachloroethane	11.423	117	14354	2.562	ug/l	97
62) Hexachloroethane	12.471	117	12862	2.100	ug/l	98
63) Ethyl Benzene	9.568	91	74458	1.749	ug/l	95
64) m/p-Xylenes	9.690	106	60470	3.693	ug/l	92
65) o-Xylene	10.095	106	30573	1.896	ug/l	97
66) Styrene	10.111	104	46681	1.874	ug/l	97
67) Bromoform	10.285	173	7700	2.372	ug/l	99
69) Isopropylbenzene	10.481	105	80198	1.901	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.777	83	19021	2.372	ug/l	98
71) 1,2,3-Trichloropropane	10.822	75	21452	3.521	ug/l	71
72) Bromobenzene	10.780	156	21183	2.308	ug/l	87
73) n-propylbenzene	10.902	120	21991	1.944	ug/l	88
74) 2-Chlorotoluene	10.983	126	21177	2.146	ug/l	86
75) 1,3,5-Trimethylbenzene	11.086	105	68735	1.921	ug/l	98
76) 4-Chlorotoluene	11.092	126	20764	2.009	ug/l	91
77) tert-Butylbenzene	11.417	119	69952	2.072	ug/l	96
78) 1,2,4-Trimethylbenzene	11.465	105	68692	1.873	ug/l	97
79) sec-Butylbenzene	11.639	105	91257	1.903	ug/l	96
80) Nitrobenzene	13.211	77	2609	12.180	ug/l	95
81) p-Isopropyltoluene	11.790	119	73911	1.939	ug/l	97
82) 1,3-Dichlorobenzene	11.741	146	44120	2.249	ug/l	99
83) 1,4-Dichlorobenzene	11.832	146	43895	2.202	ug/l	98
84) n-Butylbenzene	12.204	91	66894	1.803	ug/l	97
85) 1,2-Dichlorobenzene	12.208	146	42877	2.275	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.992	75	2171	1.774	ug/l #	74
87) 1,2,4-Trichlorobenzene	13.838	180	25983	2.317	ug/l	98
88) Hexachlorobutadiene	14.018	225	14537	2.609	ug/l	99
89) Naphthalene	14.085	128	44750	2.010	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	24735	2.483	ug/l	96

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

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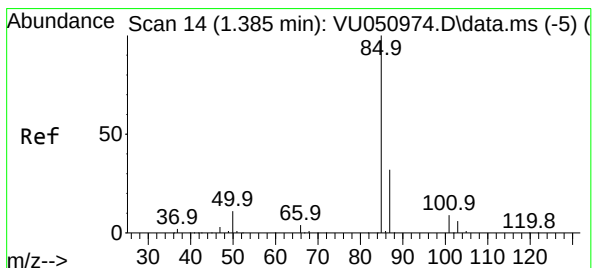
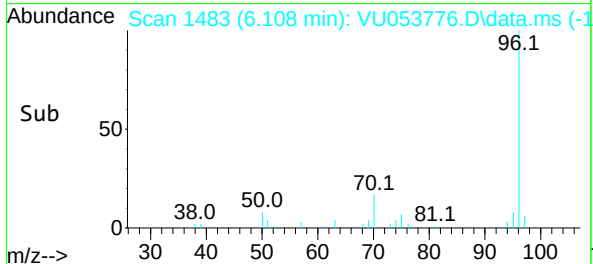
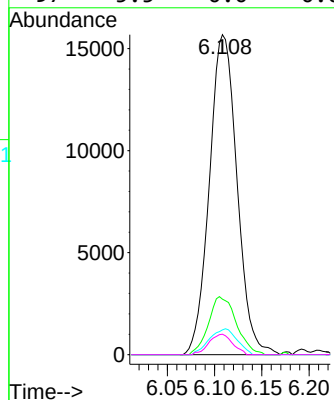
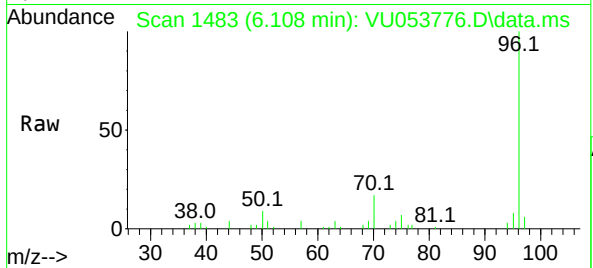




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

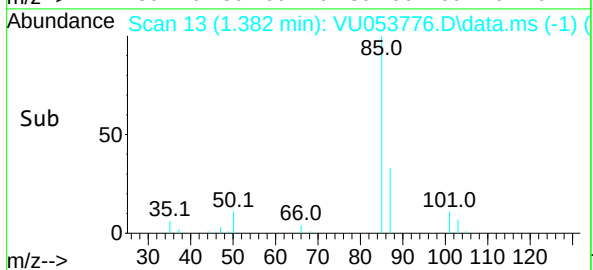
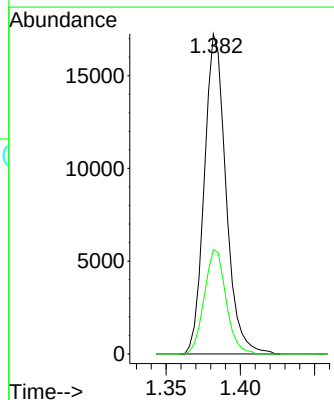
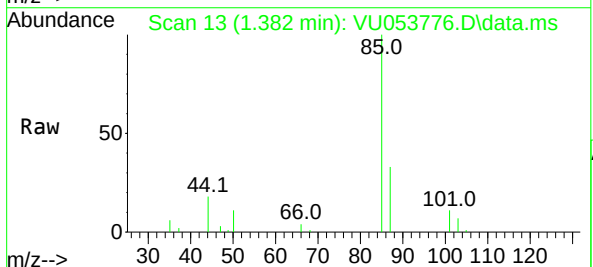
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

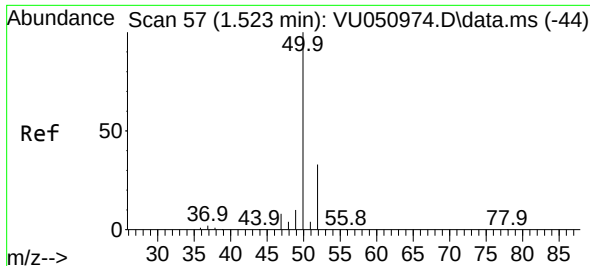
Tgt Ion: 96	Resp: 31865
Ion Ratio	Lower Upper
96 100	
70 18.3	16.5 24.7
95 8.1	7.4 11.0
97 5.5	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 1.569 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion: 85	Resp: 17444
Ion Ratio	Lower Upper
85 100	
87 32.6	16.2 48.6

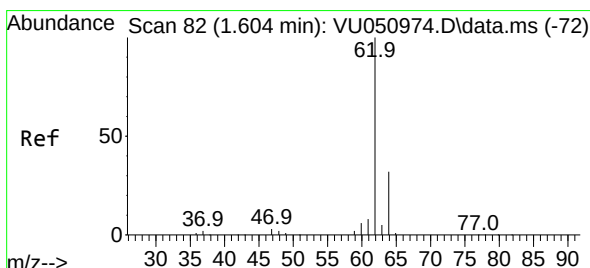
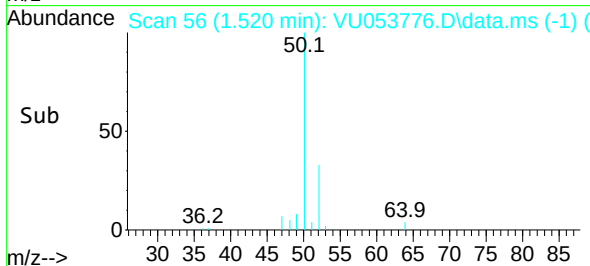
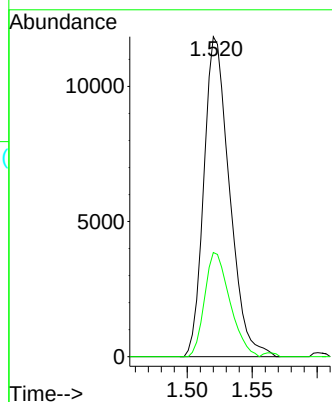
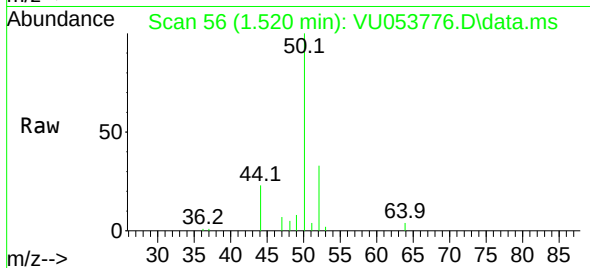




#3
Chloromethane
Concen: 1.454 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

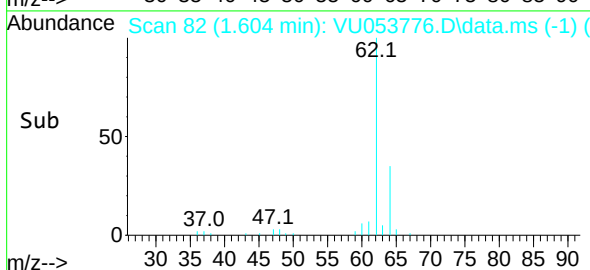
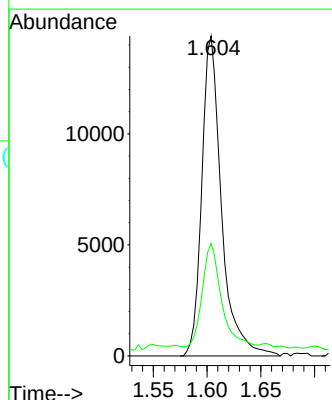
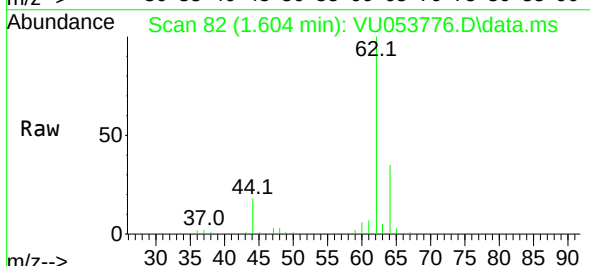
Instrument :
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ClientSampleId :
VSTDIC002

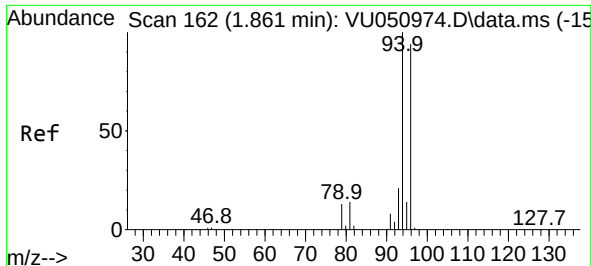
Tgt Ion: 50 Resp: 16236
Ion Ratio Lower Upper
50 100
52 32.6 26.6 40.0



#4
Vinyl Chloride
Concen: 1.540 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion: 62 Resp: 18342
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.2

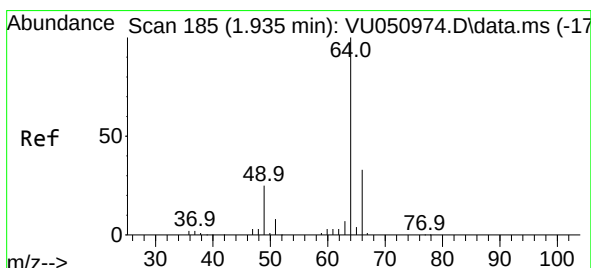
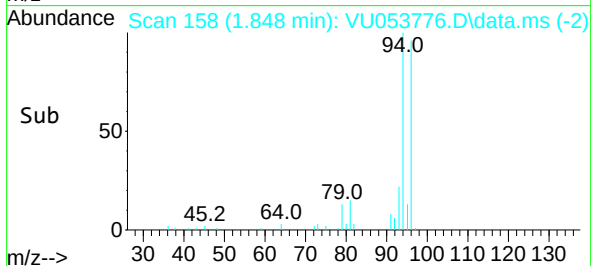
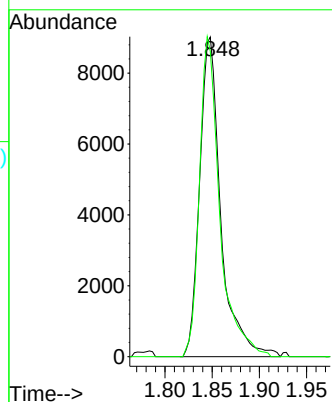
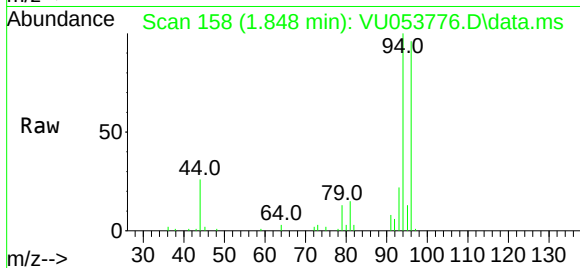




#5
Bromomethane
Concen: 1.397 ug/l
RT: 1.848 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

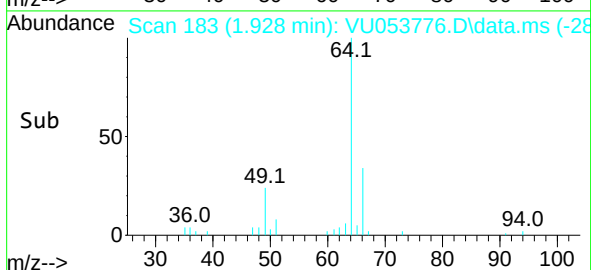
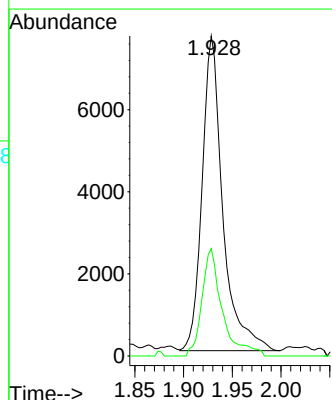
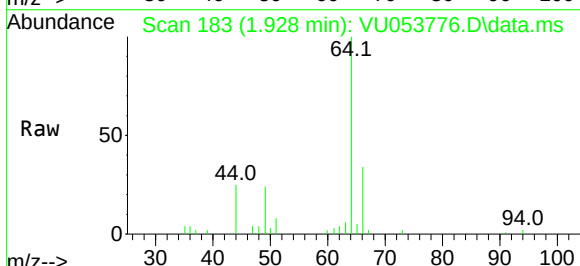
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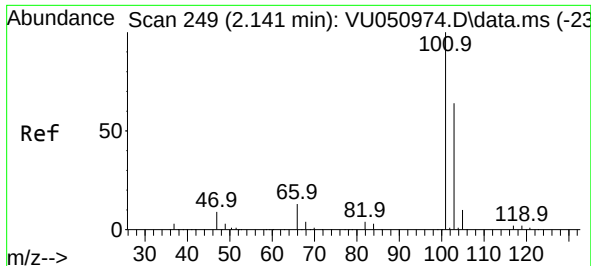
Tgt Ion: 94 Resp: 14040
Ion Ratio Lower Upper
94 100
96 95.5 75.4 113.2



#6
Chloroethane
Concen: 1.472 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion: 64 Resp: 11339
Ion Ratio Lower Upper
64 100
66 34.1 26.0 39.0

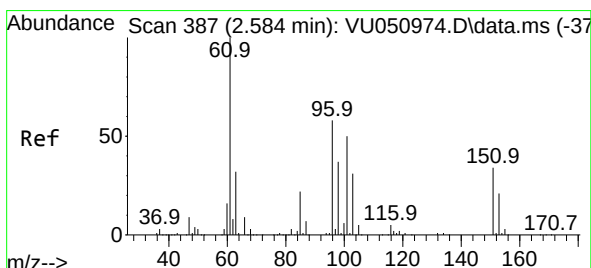
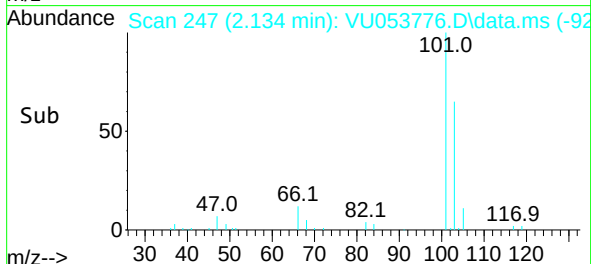
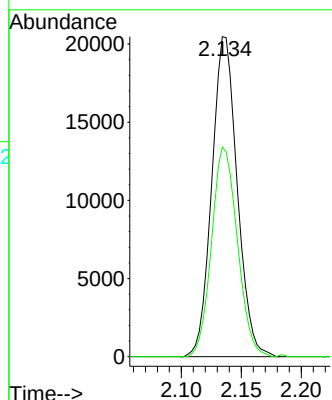
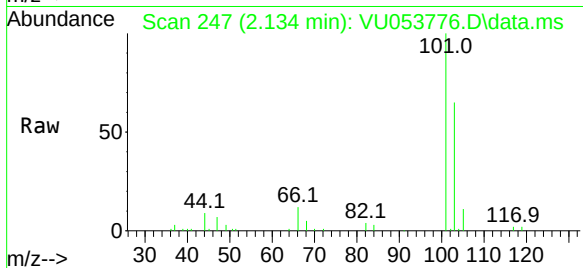




#7
Trichlorofluoromethane
Concen: 1.651 ug/l
RT: 2.134 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU053776.D
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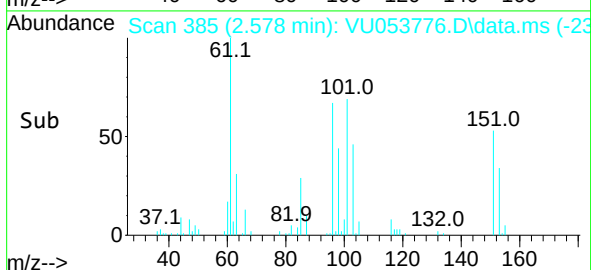
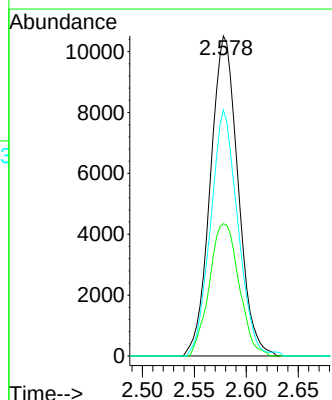
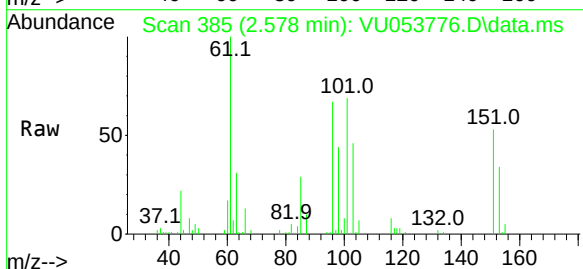
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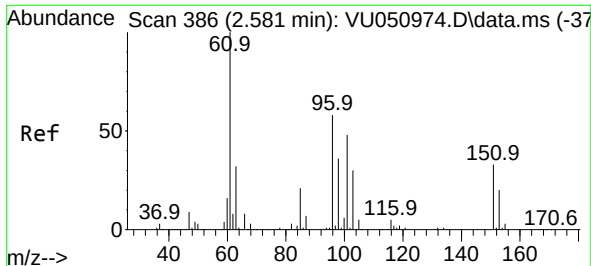
Tgt Ion:101 Resp: 30143
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.0



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.038 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion:101 Resp: 19496
Ion Ratio Lower Upper
101 100
85 44.2 35.4 53.0
151 75.8 54.0 81.0

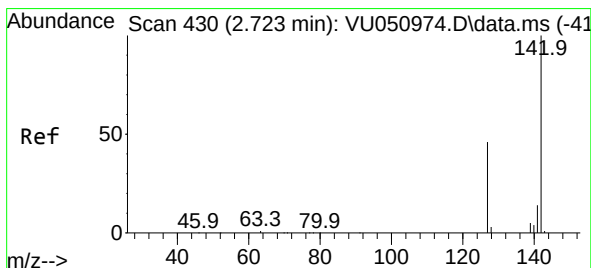
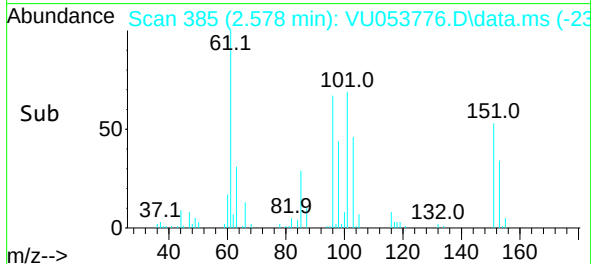
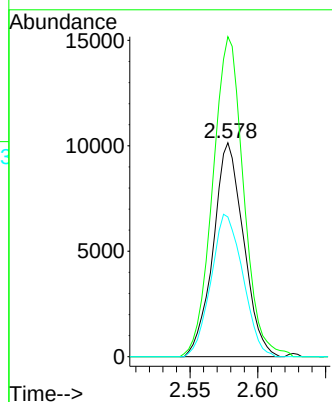
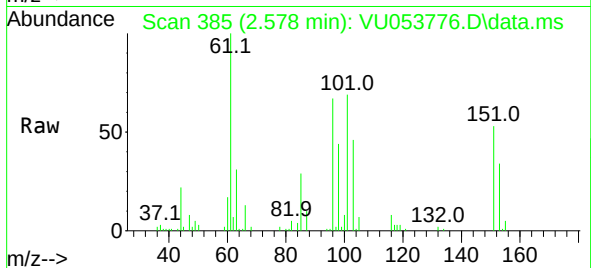




#9
1,1-Dichloroethene
Concen: 1.852 ug/l
RT: 2.578 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

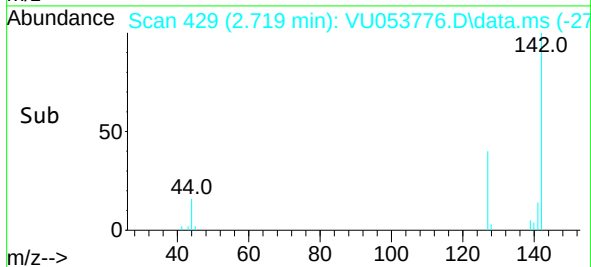
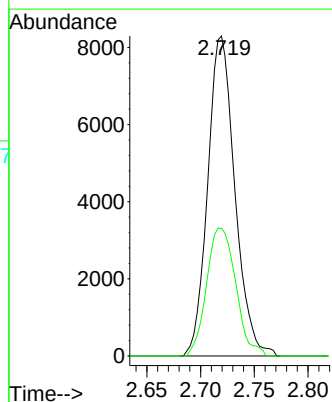
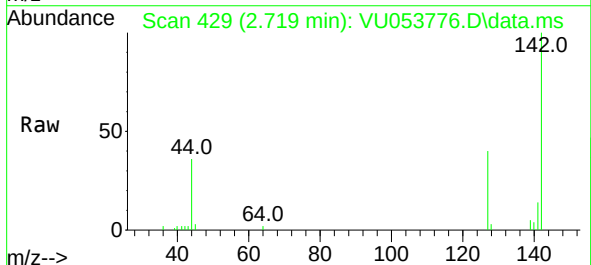
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

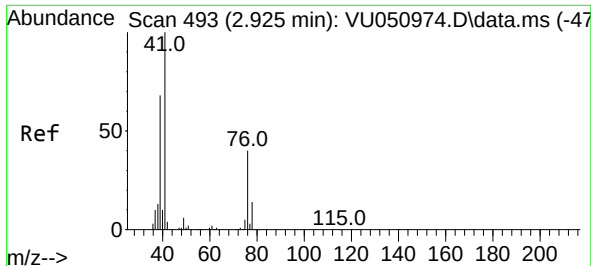
Tgt Ion: 96 Resp: 15773
Ion Ratio Lower Upper
96 100
61 149.6 0.0 521.4
98 65.3 0.0 125.8



#10
Iodomethane
Concen: 1.674 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion: 142 Resp: 14579
Ion Ratio Lower Upper
142 100
127 42.9 35.9 53.9

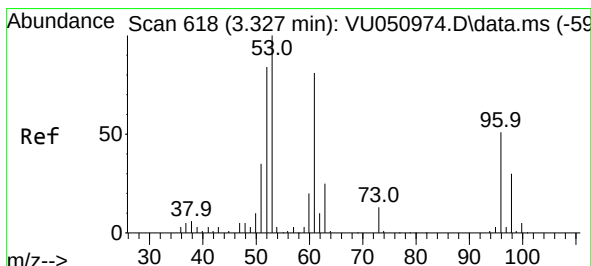
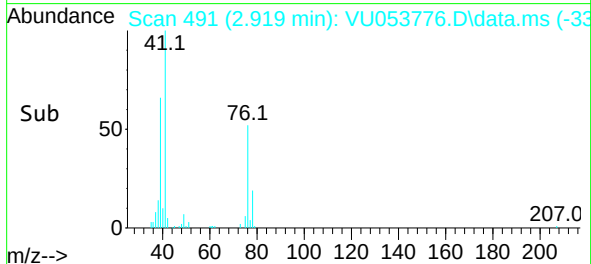
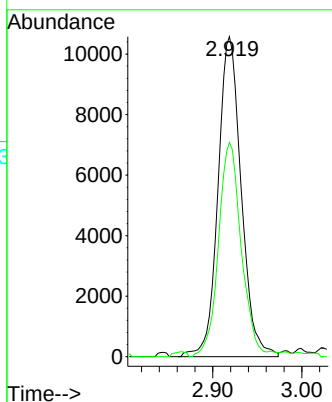
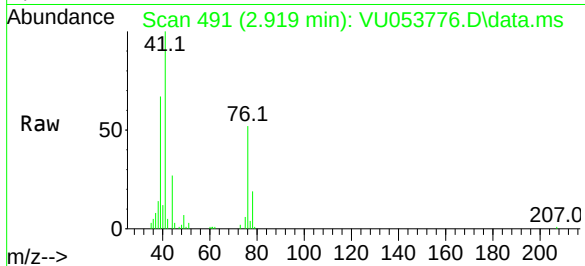




#11
 Allyl Chloride
 Concen: 2.008 ug/l
 RT: 2.919 min Scan# 491
 Delta R.T. -0.000 min
 Lab File: VU053776.D
 Acq: 19 Apr 2023 11:22

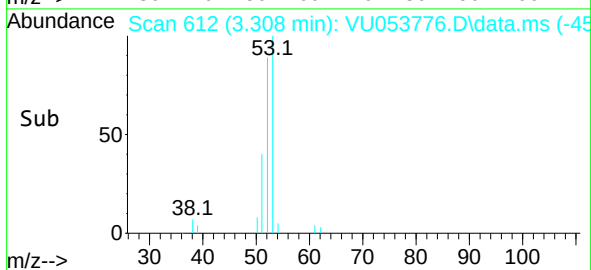
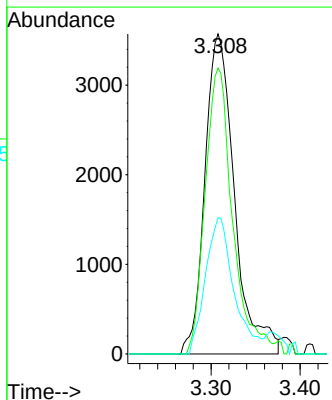
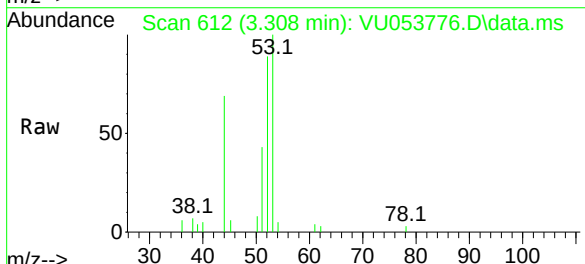
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

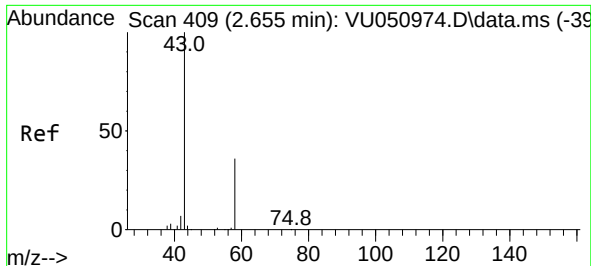
Tgt Ion: 41 Resp: 19149
 Ion Ratio Lower Upper
 41 100
 39 65.4 54.2 81.2



#12
 Acrylonitrile
 Concen: 4.774 ug/l
 RT: 3.308 min Scan# 612
 Delta R.T. -0.000 min
 Lab File: VU053776.D
 Acq: 19 Apr 2023 11:22

Tgt Ion: 53 Resp: 8231
 Ion Ratio Lower Upper
 53 100
 52 82.7 62.9 94.3
 51 41.4 27.8 41.6

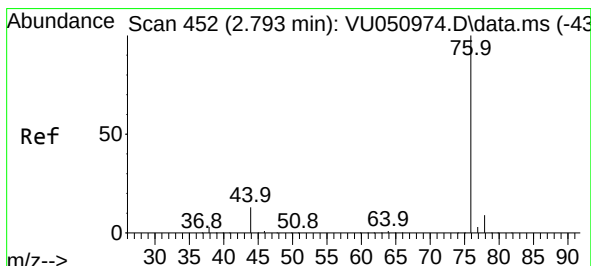
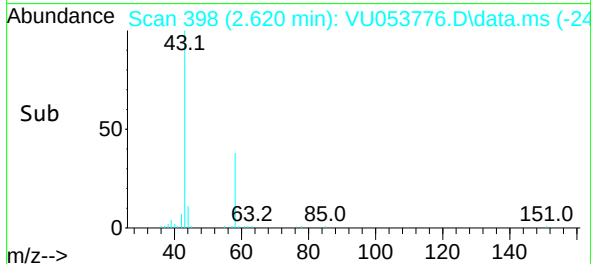
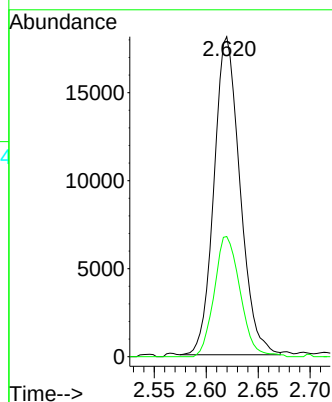
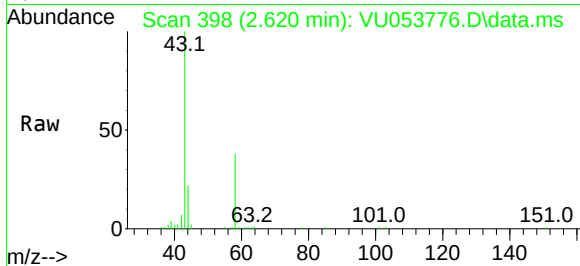




#13
Acetone
Concen: 9.564 ug/l
RT: 2.620 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

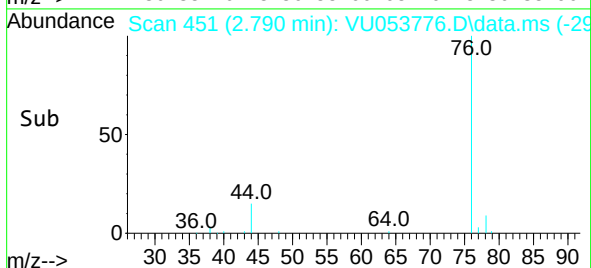
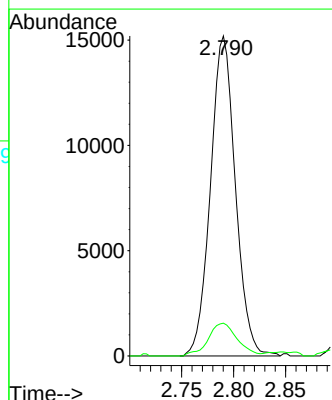
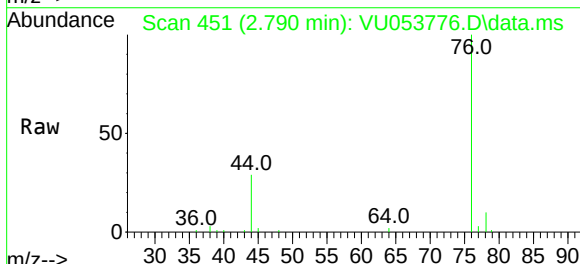
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

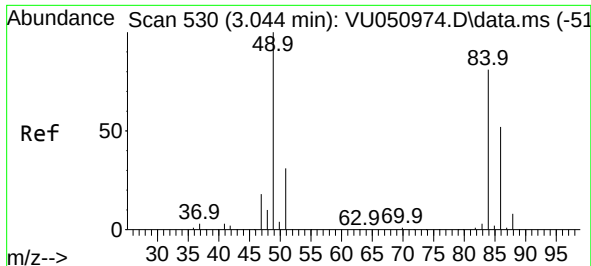
Tgt Ion: 43 Resp: 31537
Ion Ratio Lower Upper
43 100
58 37.8 29.0 43.4



#14
Carbon Disulfide
Concen: 1.067 ug/l
RT: 2.790 min Scan# 451
Delta R.T. 0.003 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion: 76 Resp: 25354
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



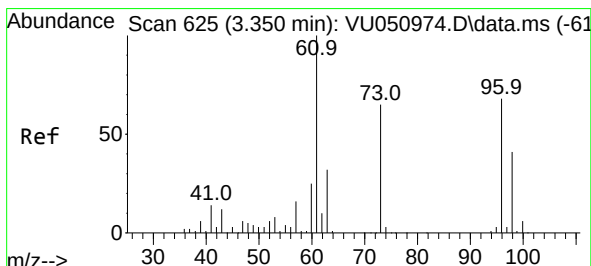
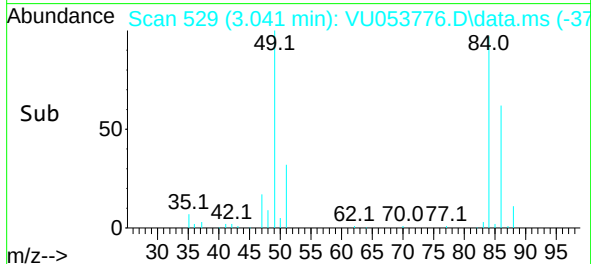
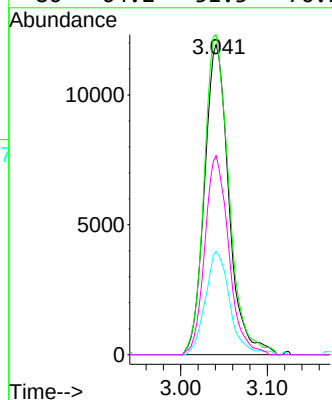
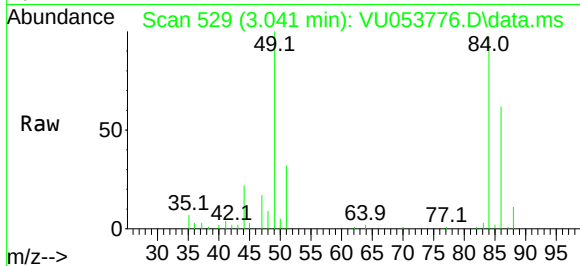


#15
Methylene Chloride
Concen: 1.165 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 84 Resp: 23330

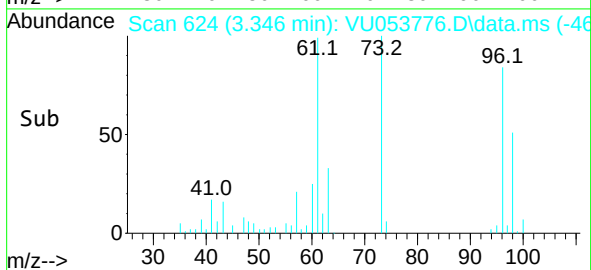
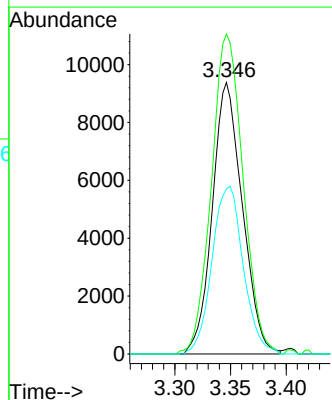
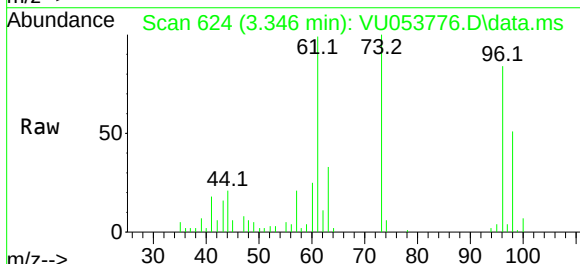
Ion	Ratio	Lower	Upper
84	100		
49	103.2	98.9	148.3
51	33.3	0.0	75.4
86	64.2	51.3	76.9

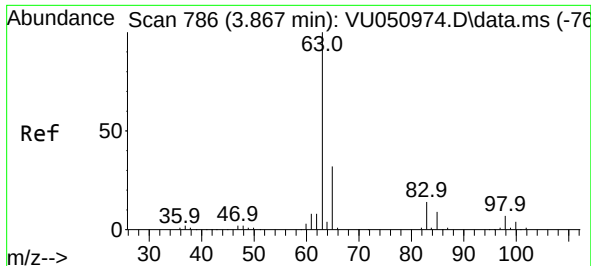


#16
trans-1,2-Dichloroethene
Concen: 2.001 ug/l
RT: 3.346 min Scan# 624
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion: 96 Resp: 17619

Ion	Ratio	Lower	Upper
96	100		
61	117.8	117.5	176.3
98	60.8	48.3	72.5

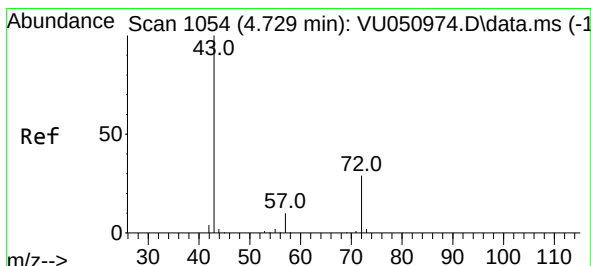
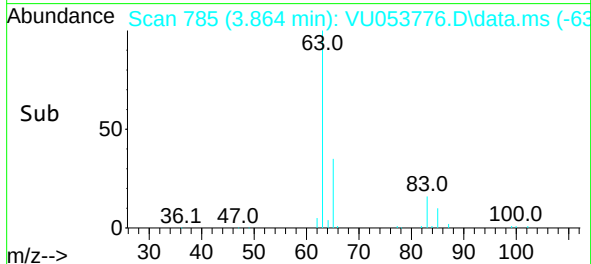
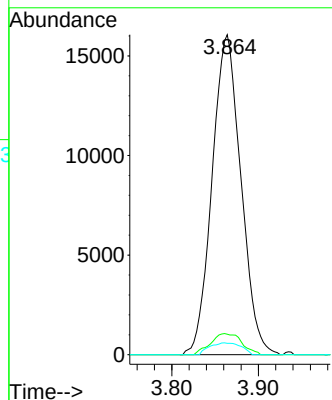
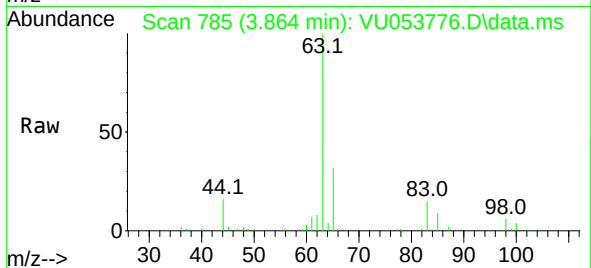




#17
1,1-Dichloroethane
Concen: 2.273 ug/l
RT: 3.864 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

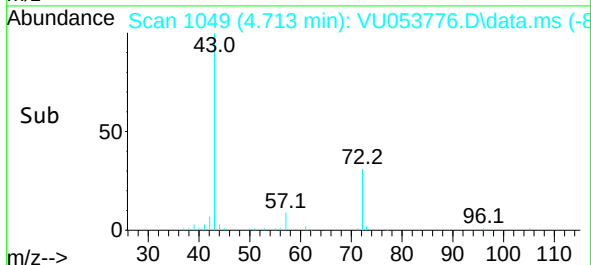
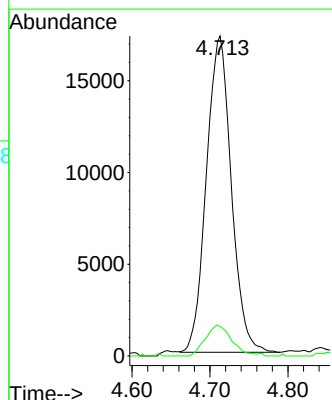
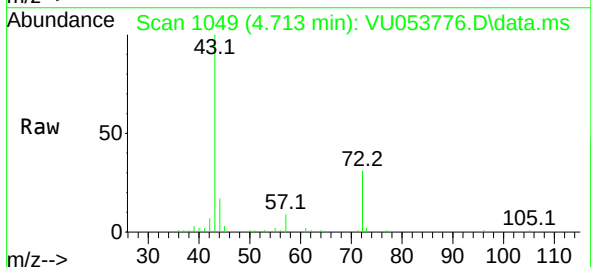
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

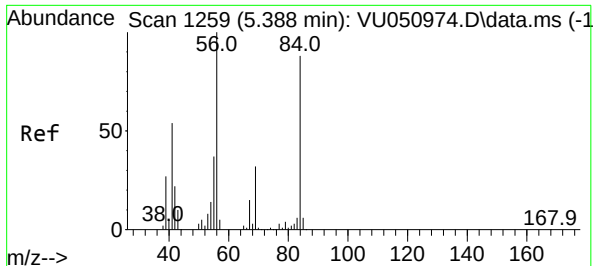
Tgt Ion: 63 Resp: 37189
Ion Ratio Lower Upper
63 100
98 6.4 3.4 10.1
100 3.5 2.2 6.6



#18
2-Butanone
Concen: 11.175 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion: 43 Resp: 38280
Ion Ratio Lower Upper
43 100
57 9.3 0.0 19.6





#19

Cyclohexane

Concen: 1.779 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

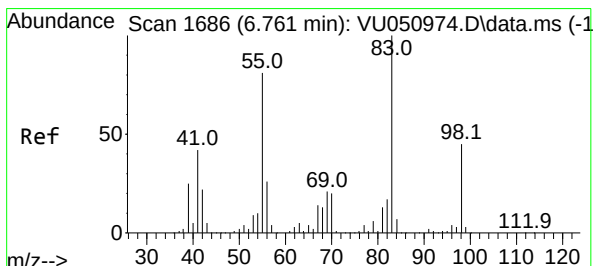
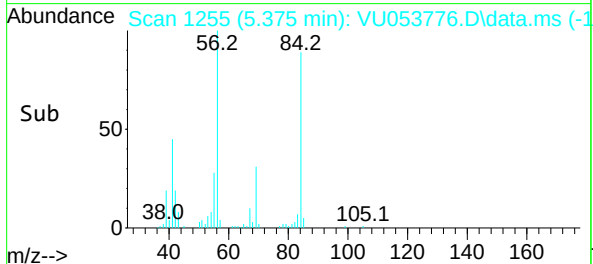
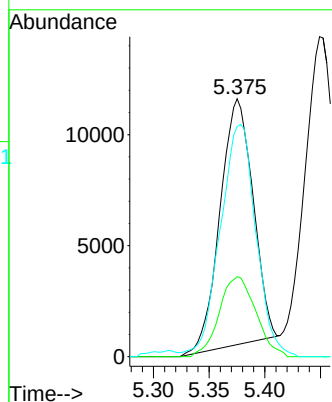
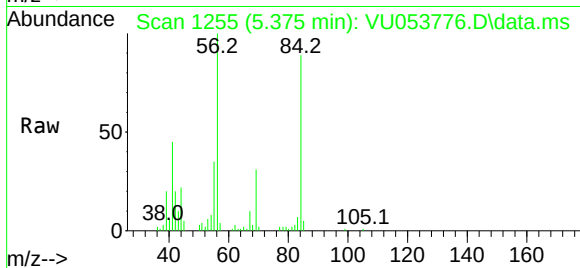
Tgt Ion: 56 Resp: 22870

Ion Ratio Lower Upper

56 100

69 35.9 24.6 37.0

84 99.6 68.4 102.6



#20

Methylcyclohexane

Concen: 1.431 ug/l

RT: 6.755 min Scan# 1684

Delta R.T. -0.000 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

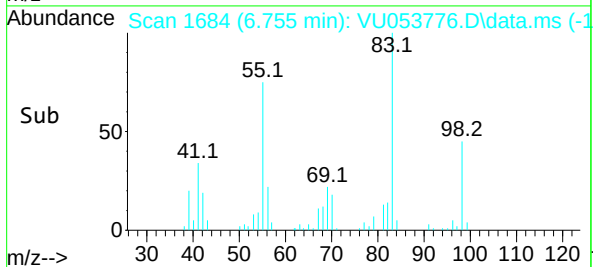
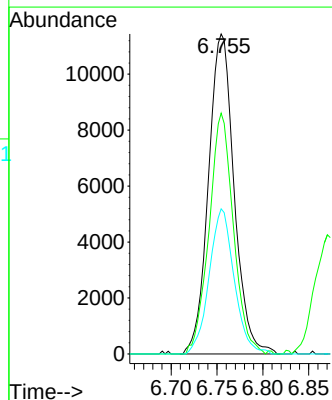
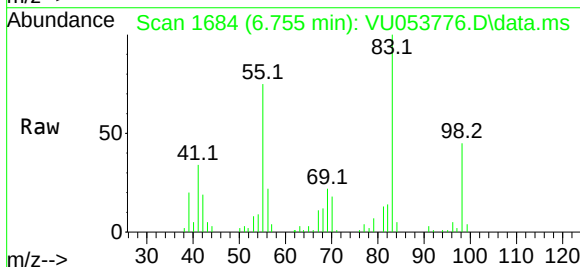
Tgt Ion: 83 Resp: 22234

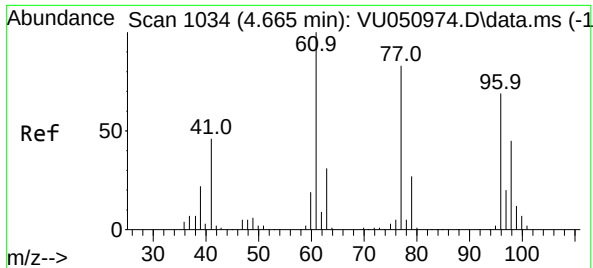
Ion Ratio Lower Upper

83 100

55 71.5 63.5 95.3

98 44.2 36.0 54.0

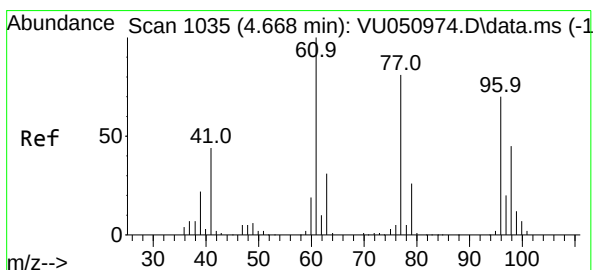
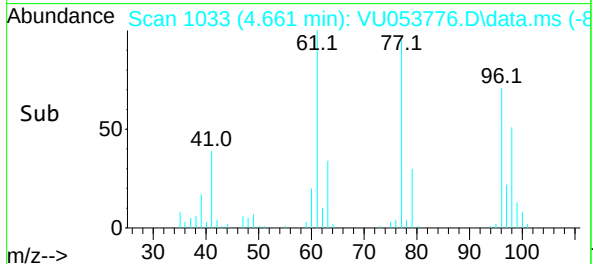
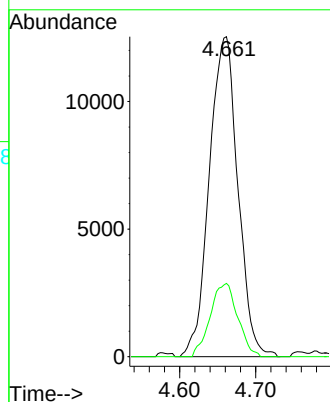
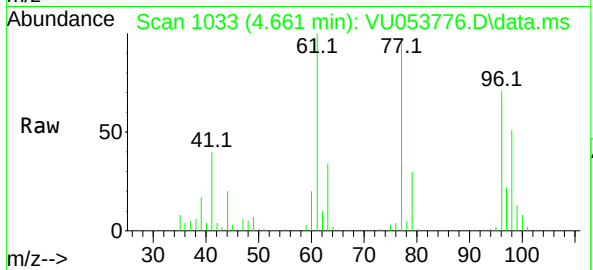




#21
2,2-Dichloropropane
Concen: 2.313 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

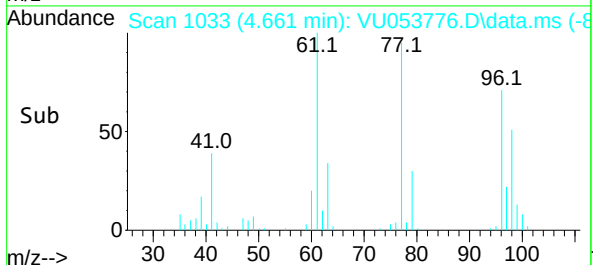
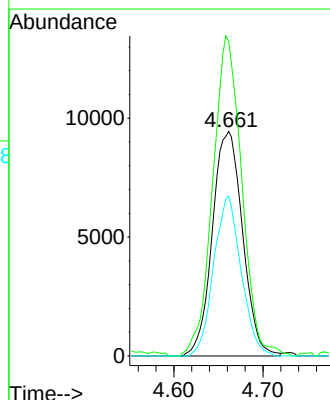
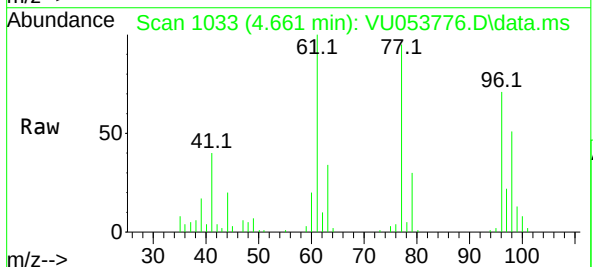
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

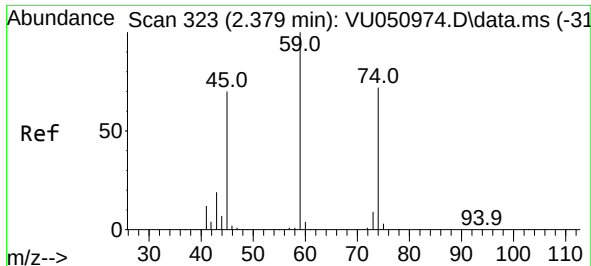
Tgt Ion: 77 Resp: 32781
Ion Ratio Lower Upper
77 100
97 22.0 18.4 27.6



#22
cis-1,2-Dichloroethene
Concen: 2.290 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion: 96 Resp: 22285
Ion Ratio Lower Upper
96 100
61 136.7 0.0 365.8
98 64.5 32.0 96.0

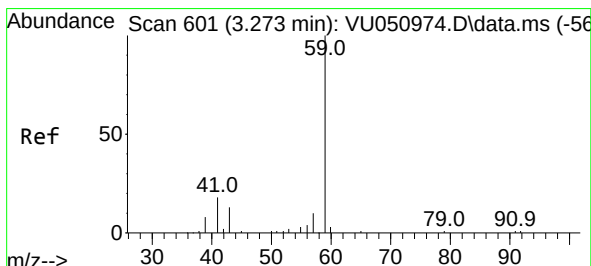
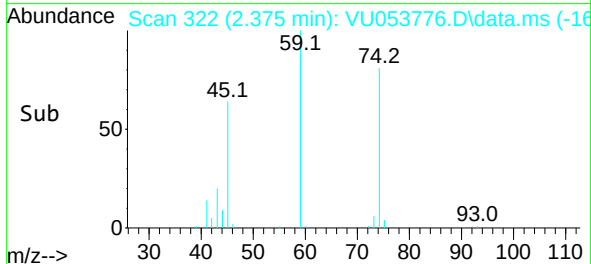
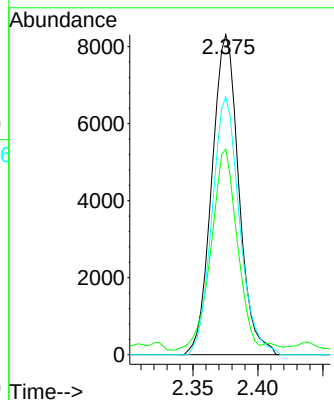
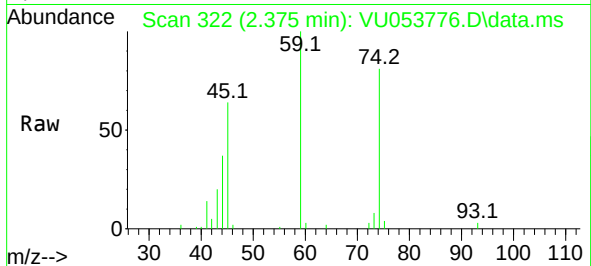




#23
Diethyl Ether
Concen: 1.795 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

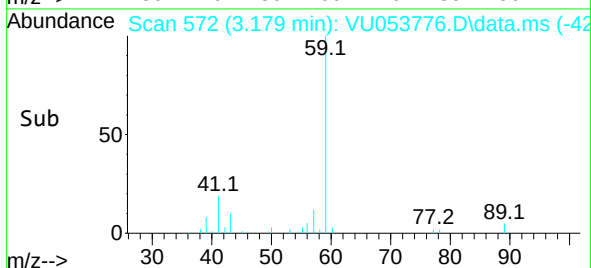
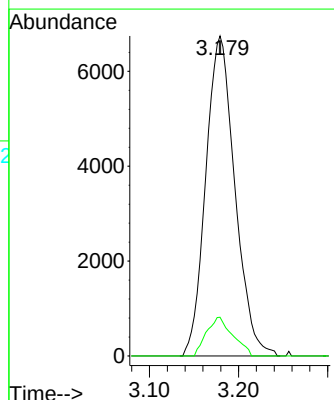
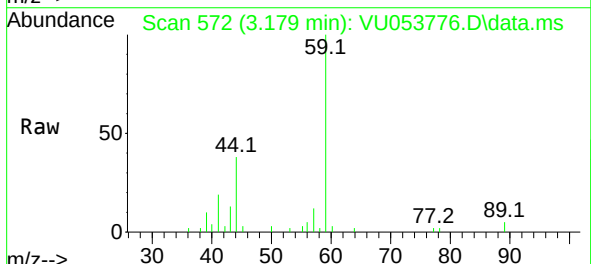
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

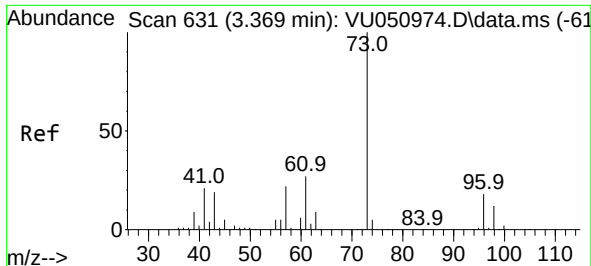
Tgt Ion: 59 Resp: 11991
Ion Ratio Lower Upper
59 100
45 60.9 56.1 84.1
74 82.0 57.4 86.2



#24
tert-Butyl Alcohol
Concen: 23.020 ug/l
RT: 3.179 min Scan# 572
Delta R.T. -0.010 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion: 59 Resp: 15336
Ion Ratio Lower Upper
59 100
57 10.9 105.6 158.4#

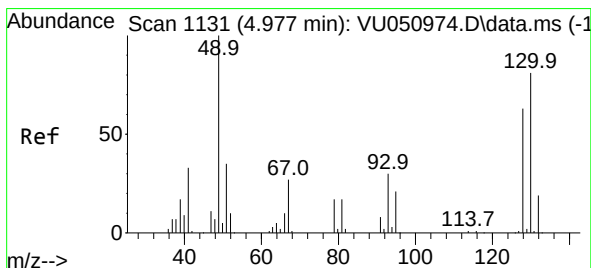
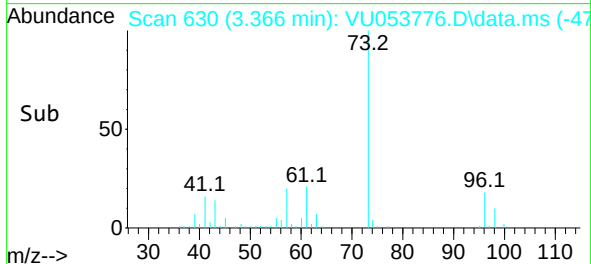
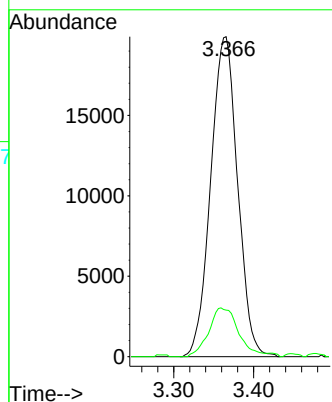
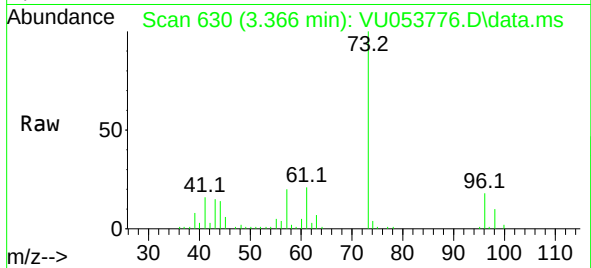




#25
Methyl tert-Butyl Ether
Concen: 2.380 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

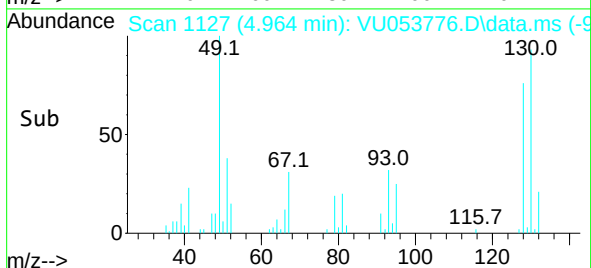
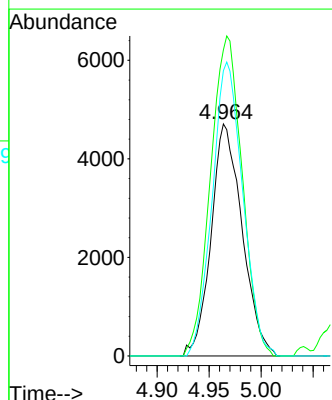
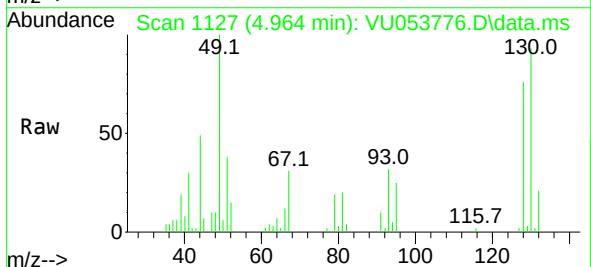
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

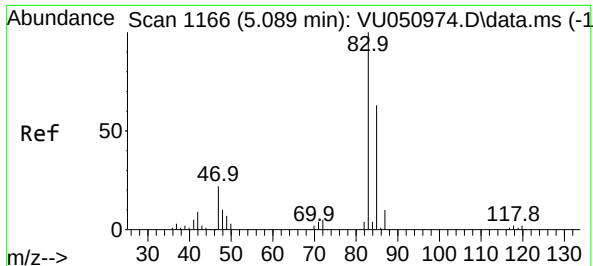
Tgt Ion: 73 Resp: 46460
Ion Ratio Lower Upper
73 100
43 16.8 15.0 22.6



#26
Bromochloromethane
Concen: 2.426 ug/l
RT: 4.964 min Scan# 1127
Delta R.T. -0.003 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion: 128 Resp: 9757
Ion Ratio Lower Upper
128 100
49 141.2 0.0 324.6
130 125.3 103.0 154.4





#27

Chloroform

Concen: 2.341 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

Instrument :

MSVOA_U

ClientSampleId :

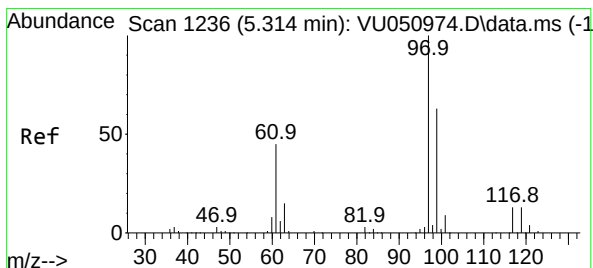
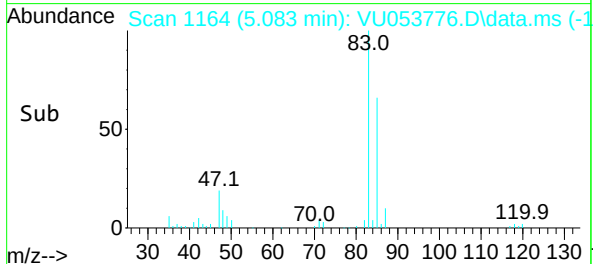
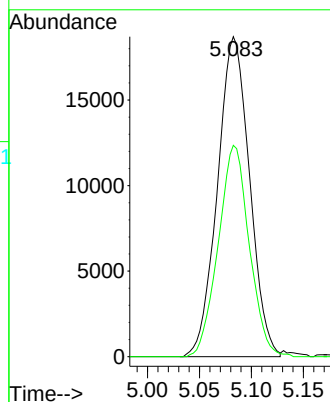
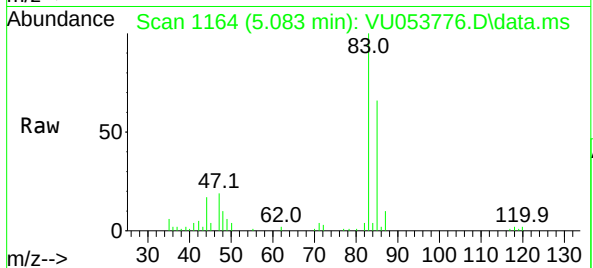
VSTDIC002

Tgt Ion: 83 Resp: 40163

Ion Ratio Lower Upper

83 100

85 66.1 0.0 126.4



#28

1,1,1-Trichloroethane

Concen: 2.235 ug/l

RT: 5.308 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

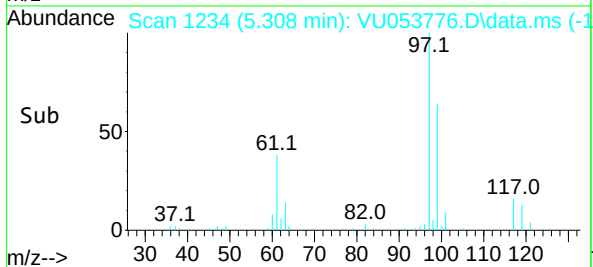
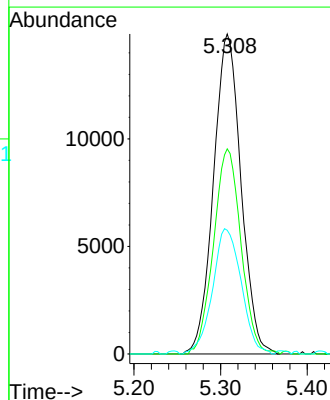
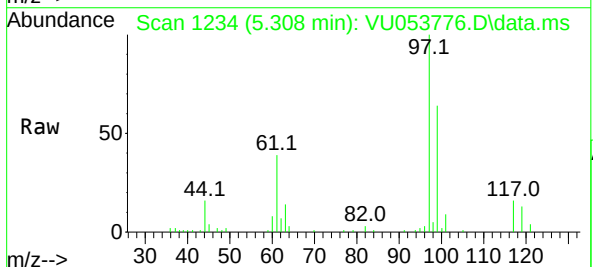
Tgt Ion: 97 Resp: 32814

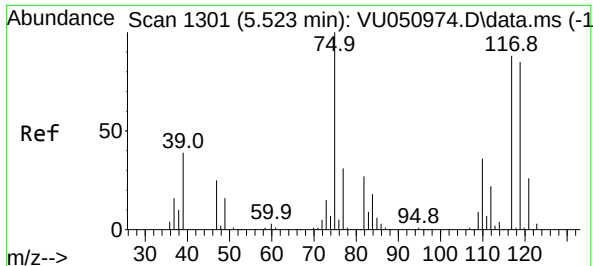
Ion Ratio Lower Upper

97 100

99 63.9 32.0 96.2

61 40.8 22.9 68.5

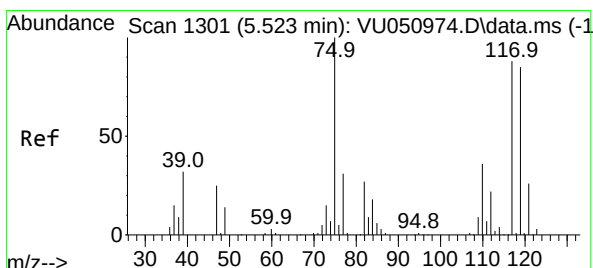
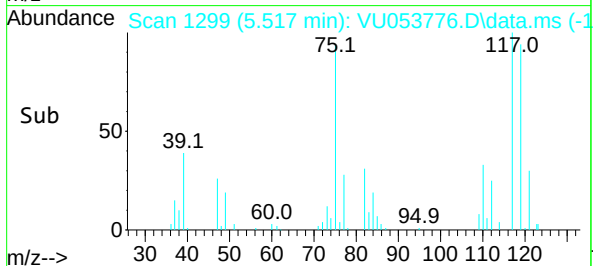
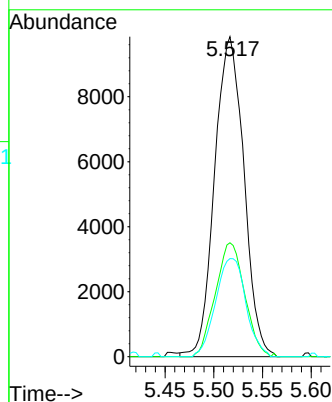
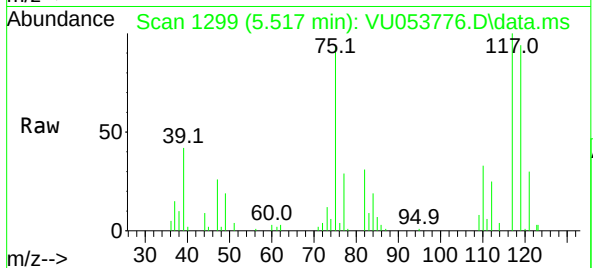




#29
1,1-Dichloropropene
Concen: 1.715 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

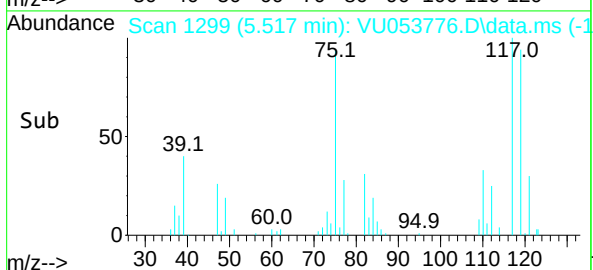
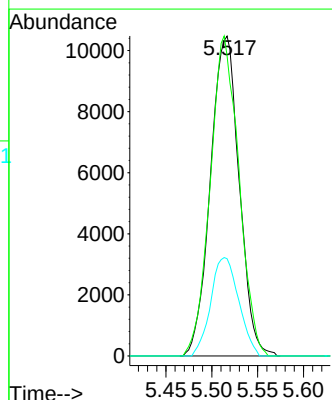
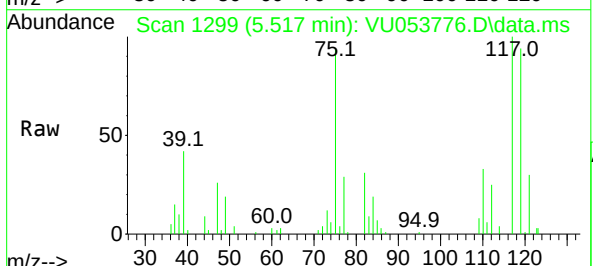
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

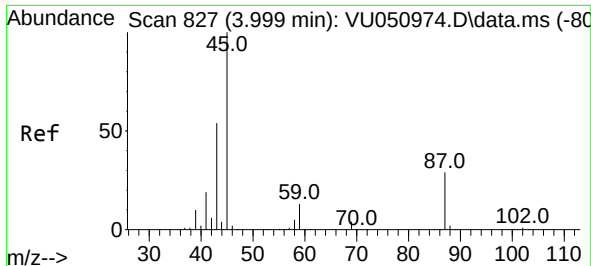
Tgt Ion:	75	Resp:	20549
Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.0	54.0
77	31.7	24.7	37.1



#30
Carbon Tetrachloride
Concen: 2.010 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. 0.003 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion:	117	Resp:	22834
Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.4	116.0
121	30.4	24.0	36.0

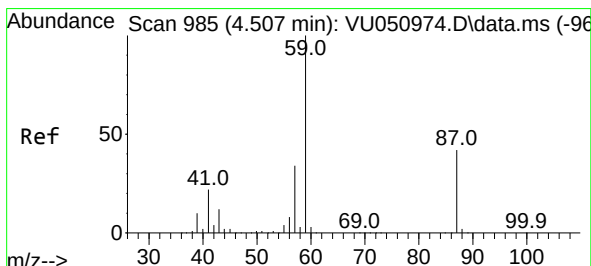
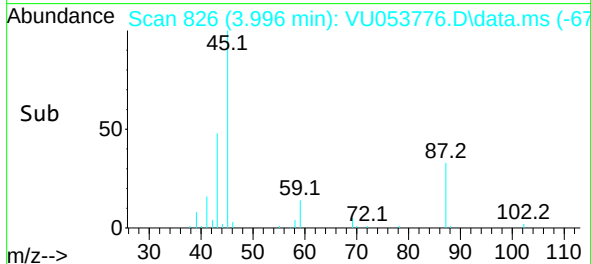
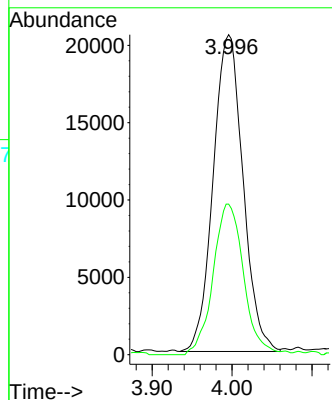
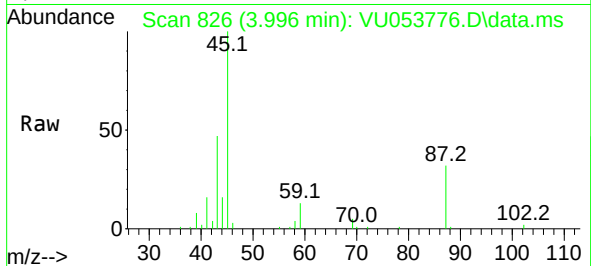




#31
Isopropyl Ether
Concen: 2.339 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

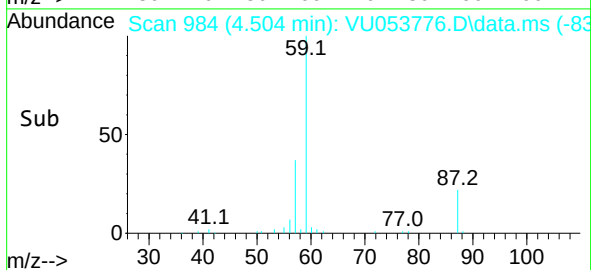
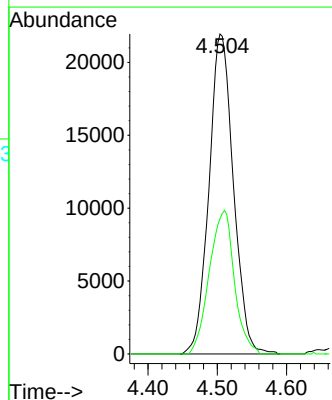
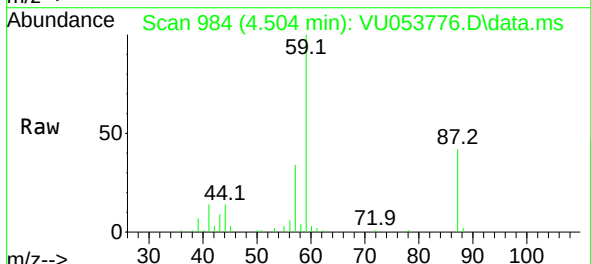
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

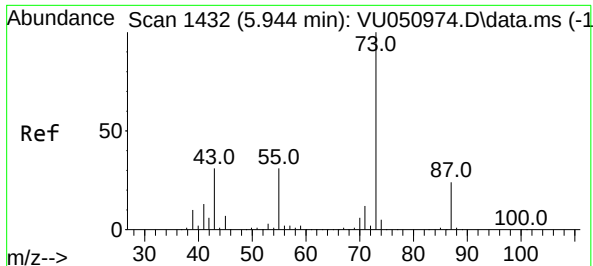
Tgt Ion: 45 Resp: 53082
Ion Ratio Lower Upper
45 100
43 48.4 27.5 82.5



#32
Ethyl-t-butyl ether
Concen: 2.304 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.003 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion: 59 Resp: 53708
Ion Ratio Lower Upper
59 100
87 46.0 33.5 50.3





#33

Tert-Amyl methyl ether

Concen: 1.916 ug/l

RT: 5.947 min Scan# 1432

Delta R.T. 0.003 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

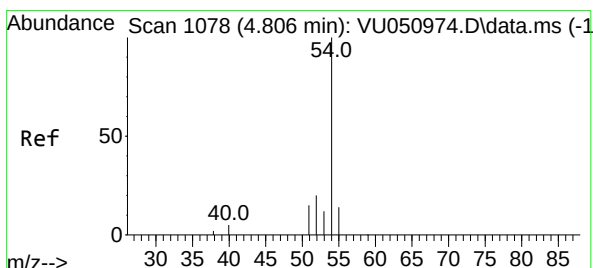
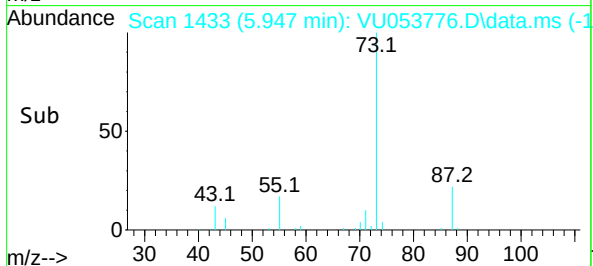
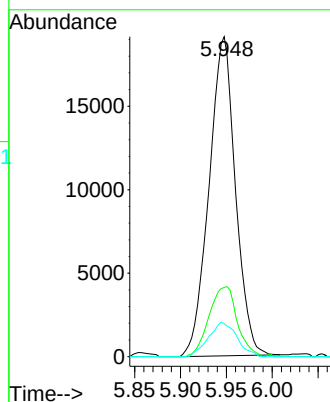
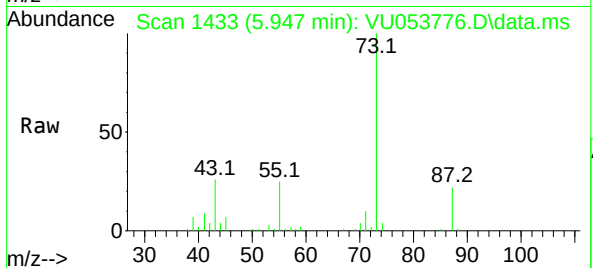
Tgt Ion: 73 Resp: 38309

Ion Ratio Lower Upper

73 100

87 23.4 18.6 28.0

71 11.6 9.9 14.9



#34

Propionitrile

Concen: 14.451 ug/l

RT: 4.774 min Scan# 1068

Delta R.T. -0.003 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

Tgt Ion: 54 Resp: 8311

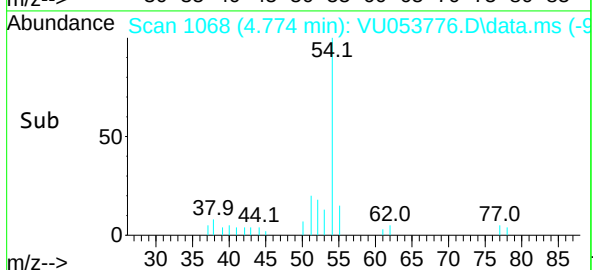
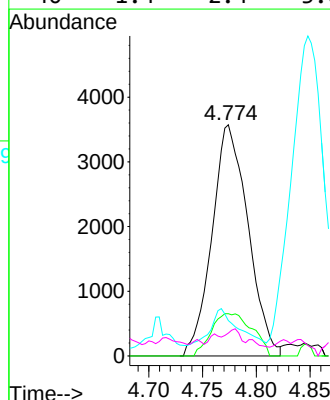
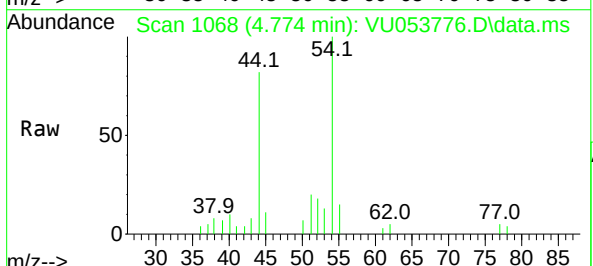
Ion Ratio Lower Upper

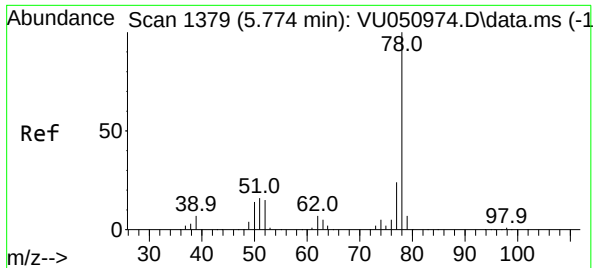
54 100

52 20.8 17.4 26.0

55 17.4 104.1 156.1#

40 1.4 2.4 3.6#

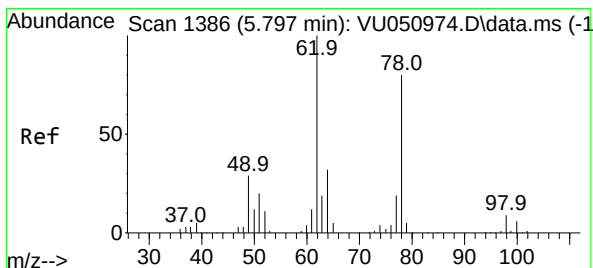
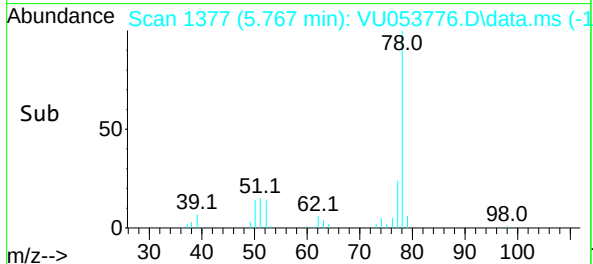
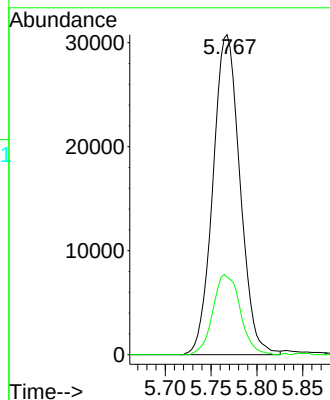
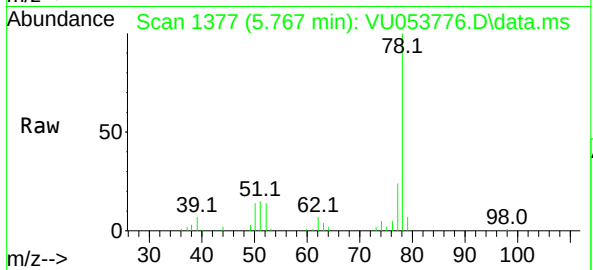




#35
Benzene
Concen: 1.781 ug/l
RT: 5.767 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

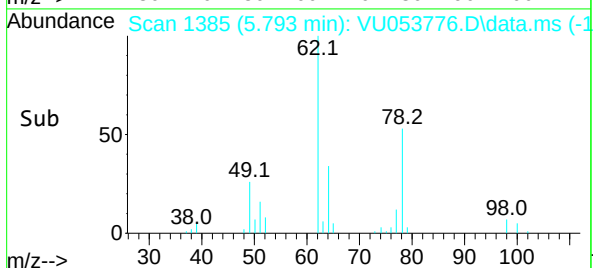
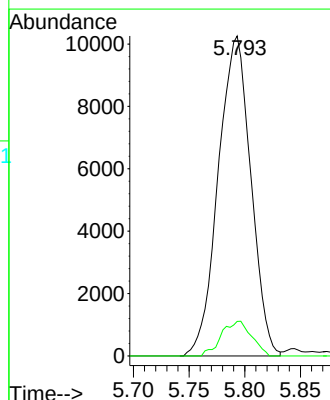
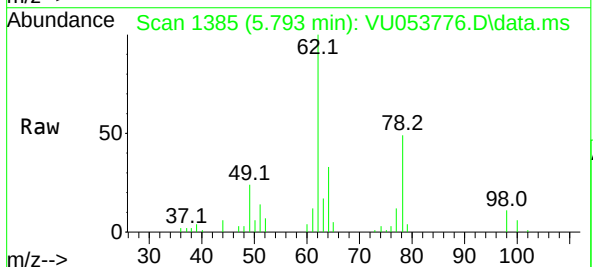
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

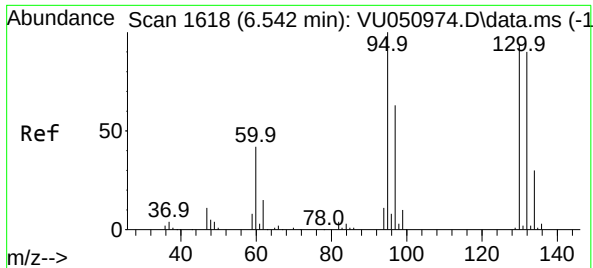
Tgt Ion: 78 Resp: 63189
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3



#36
1,2-Dichloroethane
Concen: 2.013 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion: 62 Resp: 20875
Ion Ratio Lower Upper
62 100
98 10.0 7.3 10.9

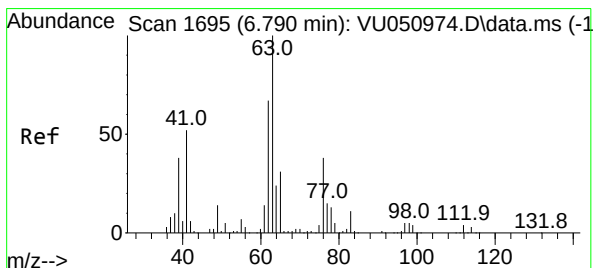
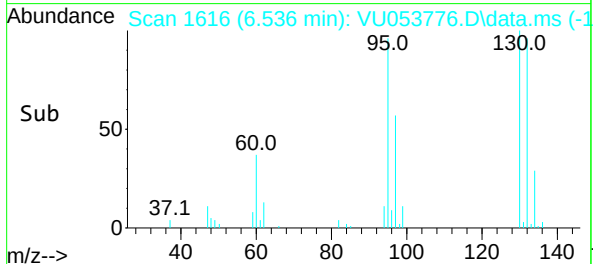
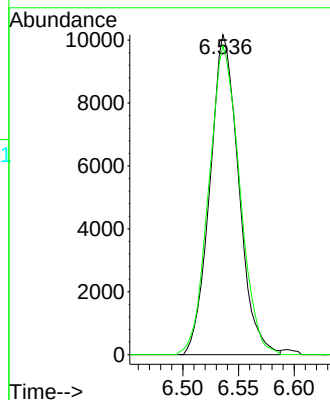
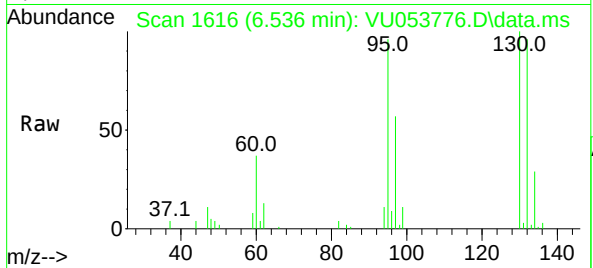




#37
Trichloroethene
Concen: 2.007 ug/l
RT: 6.536 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

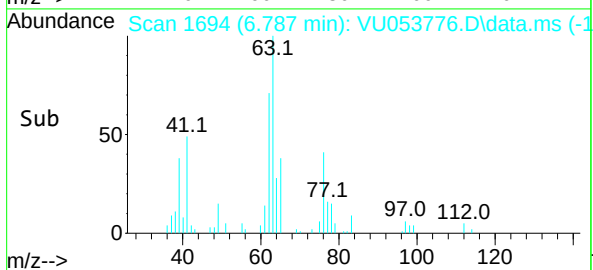
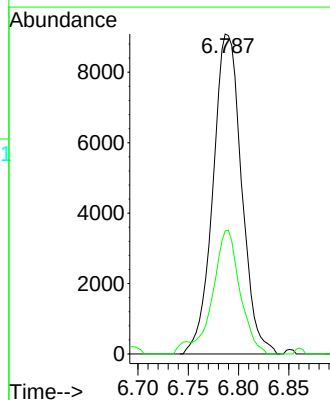
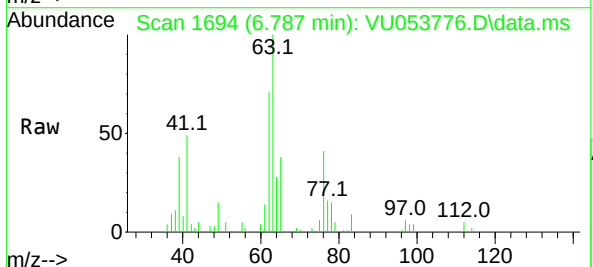
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

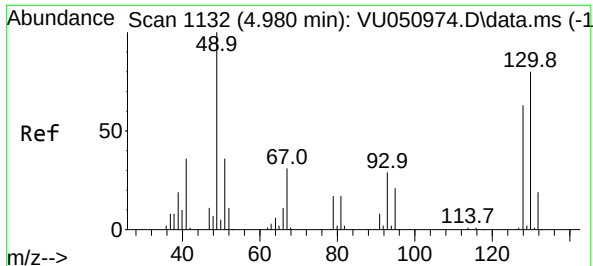
Tgt Ion:130 Resp: 18268
Ion Ratio Lower Upper
130 100
95 96.4 85.0 127.6



#38
1,2-Dichloropropane
Concen: 1.938 ug/l
RT: 6.787 min Scan# 1694
Delta R.T. -0.003 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion: 63 Resp: 17951
Ion Ratio Lower Upper
63 100
65 38.4 24.9 37.3#





#39

Methacrylonitrile

Concen: 2.535 ug/l

RT: 4.976 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU053776.D

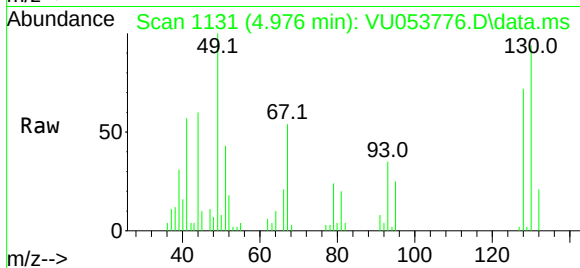
Acq: 19 Apr 2023 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002



Tgt Ion: 41 Resp: 6045

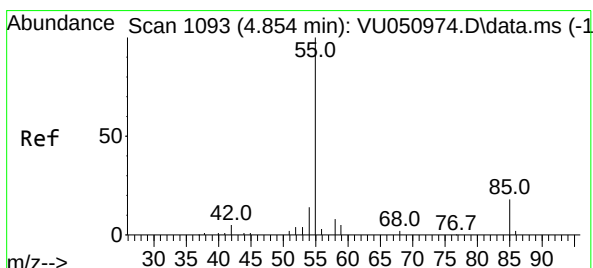
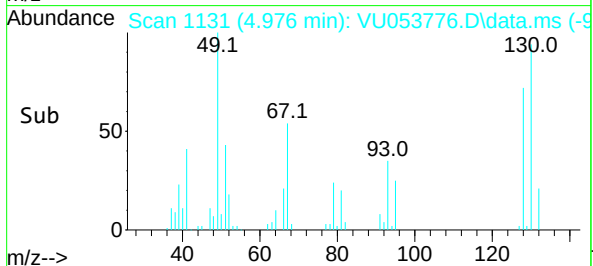
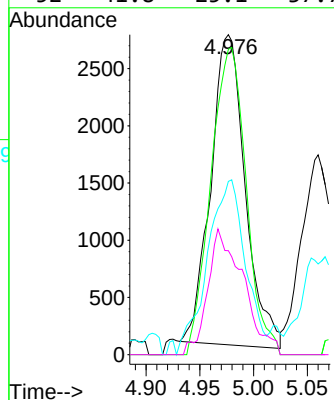
Ion Ratio Lower Upper

41 100

67 101.8 66.8 100.2#

39 62.1 41.2 61.8#

52 41.8 25.1 37.7#



#40

Methyl acrylate

Concen: 2.421 ug/l

RT: 4.848 min Scan# 1091

Delta R.T. 0.003 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

Tgt Ion: 55 Resp: 10541

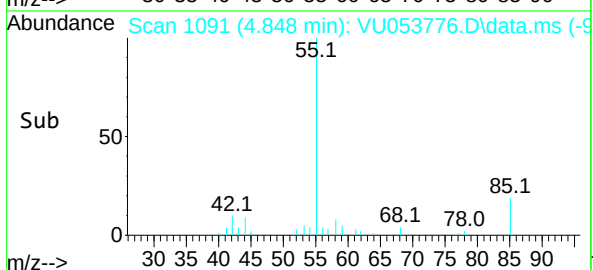
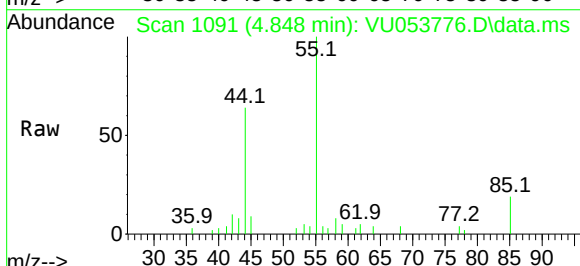
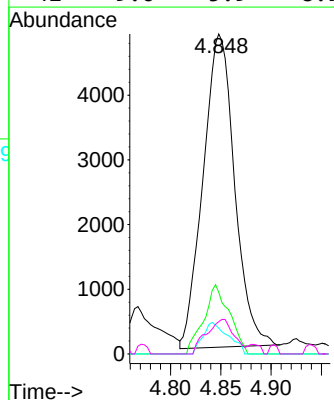
Ion Ratio Lower Upper

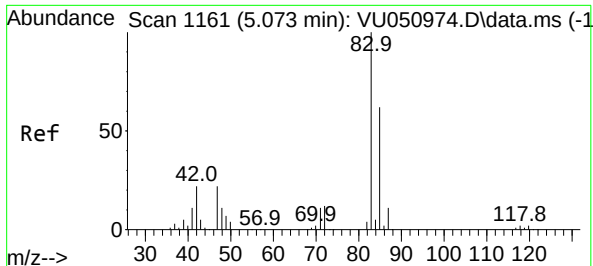
55 100

85 18.0 13.3 19.9

58 8.1 6.5 9.7

42 9.6 5.9 8.9#





#41

Tetrahydrofuran

Concen: 5.437 ug/l

RT: 5.063 min Scan# 1161

Delta R.T. -0.000 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

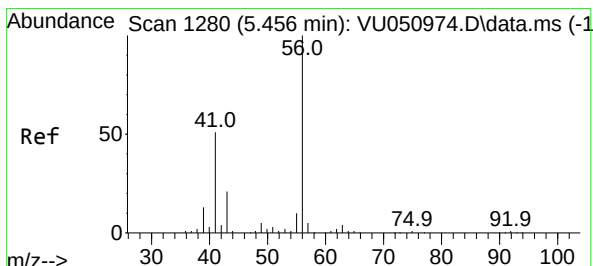
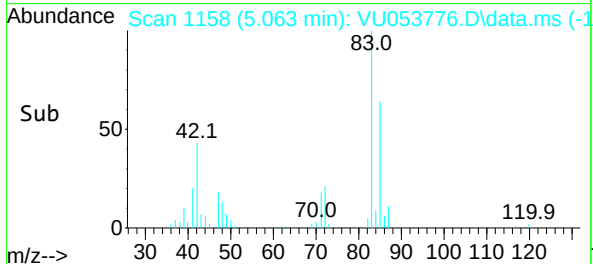
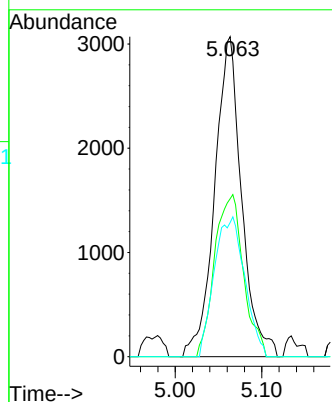
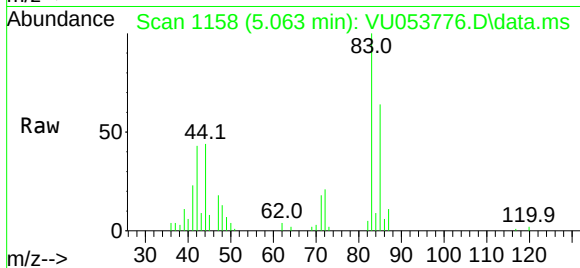
Tgt Ion: 42 Resp: 6623

Ion Ratio Lower Upper

42 100

72 54.3 40.9 61.3

71 49.4 36.9 55.3



#42

1-Chlorobutane

Concen: 1.789 ug/l

RT: 5.449 min Scan# 1278

Delta R.T. -0.000 min

Lab File: VU053776.D

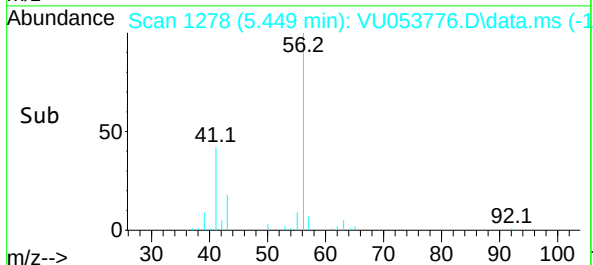
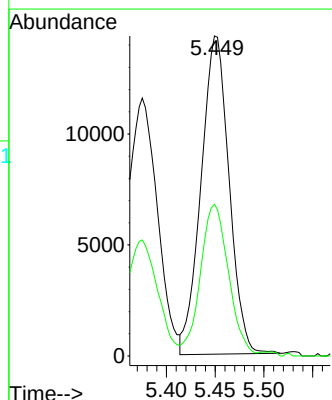
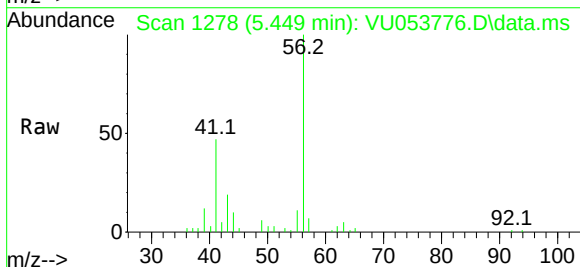
Acq: 19 Apr 2023 11:22

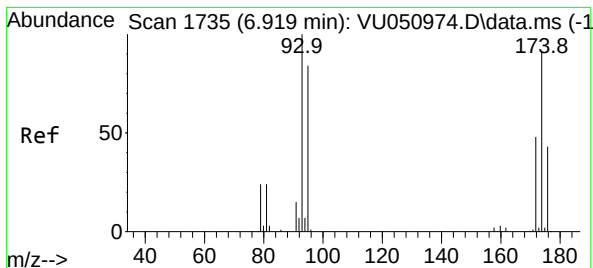
Tgt Ion: 56 Resp: 28692

Ion Ratio Lower Upper

56 100

41 45.9 25.2 75.6





#43

Dibromomethane

Concen: 2.062 ug/l

RT: 6.915 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

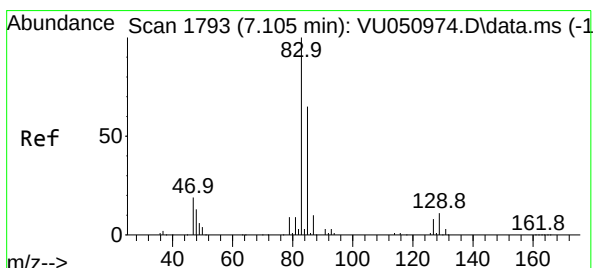
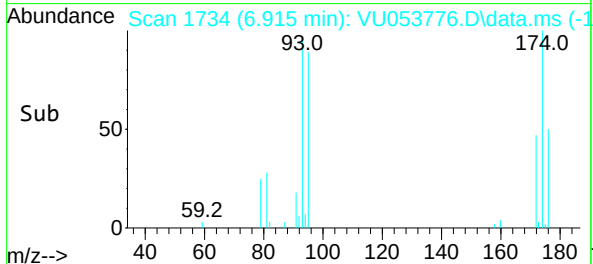
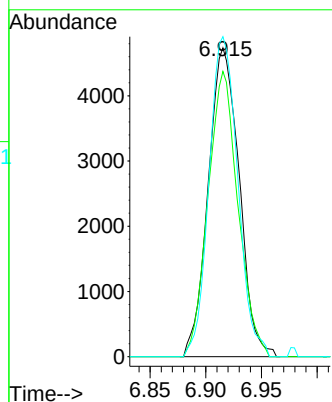
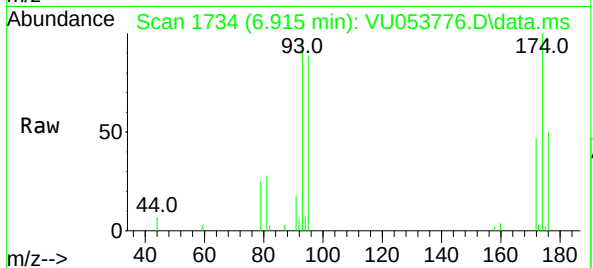
Tgt Ion: 93 Resp: 9155

Ion Ratio Lower Upper

93 100

95 89.3 67.0 100.6

174 96.2 73.8 110.6



#44

Bromodichloromethane

Concen: 2.052 ug/l

RT: 7.105 min Scan# 1793

Delta R.T. 0.003 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

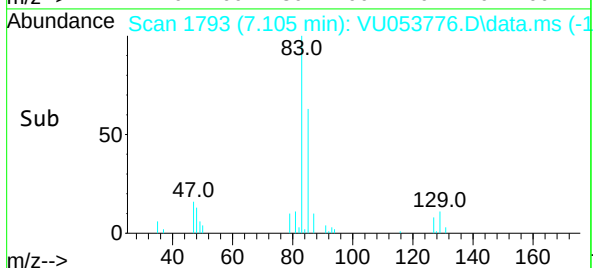
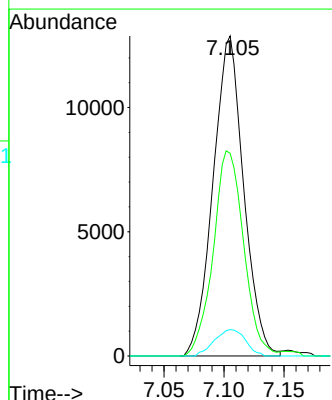
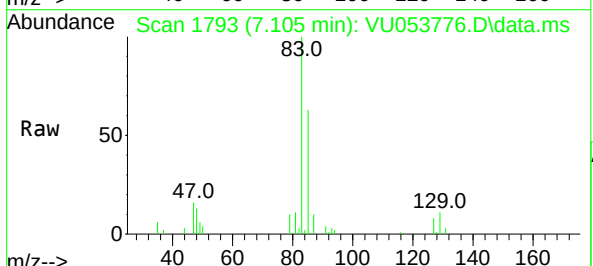
Tgt Ion: 83 Resp: 22824

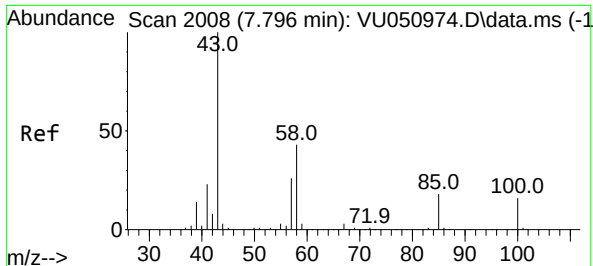
Ion Ratio Lower Upper

83 100

85 63.3 51.9 77.9

127 8.3 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 9.934 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

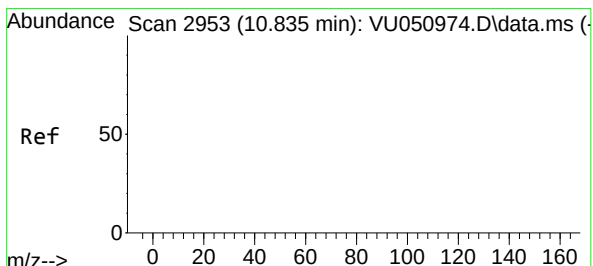
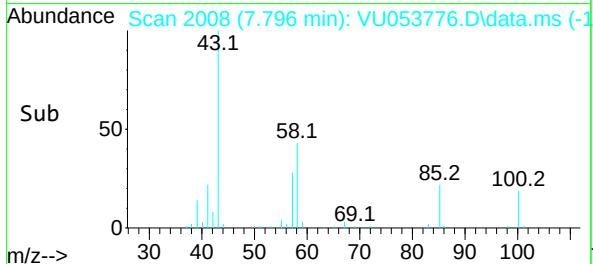
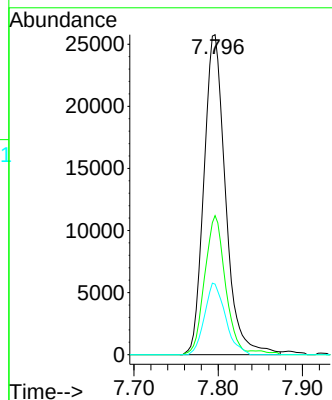
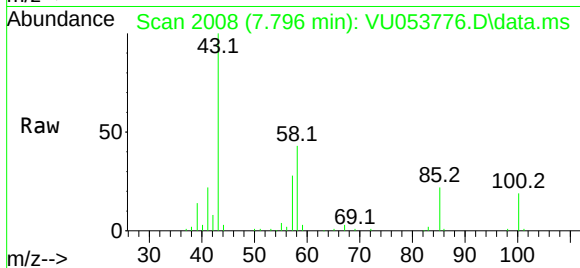
Tgt Ion: 43 Resp: 46099

Ion Ratio Lower Upper

43 100

58 41.4 20.9 62.8

85 21.6 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 8.551 ug/l

RT: 10.822 min Scan# 2949

Delta R.T. -0.010 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

Tgt Ion: 75 Resp: 21452

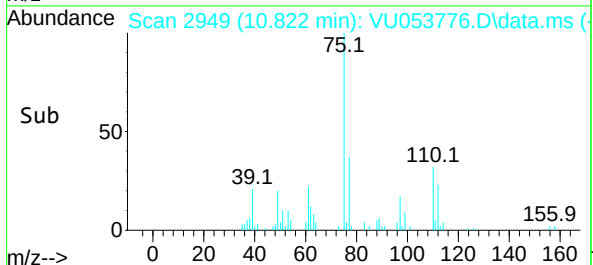
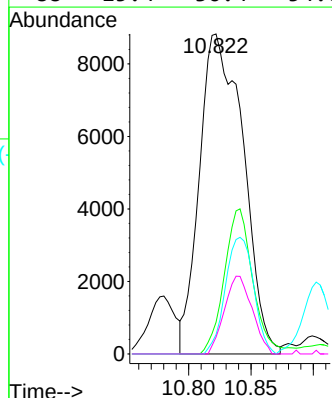
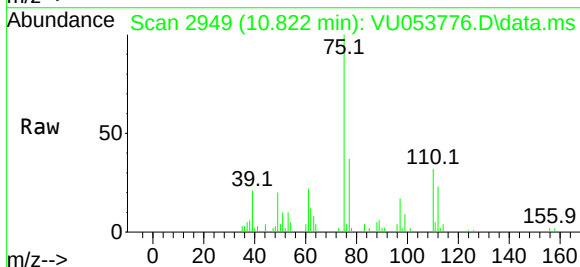
Ion Ratio Lower Upper

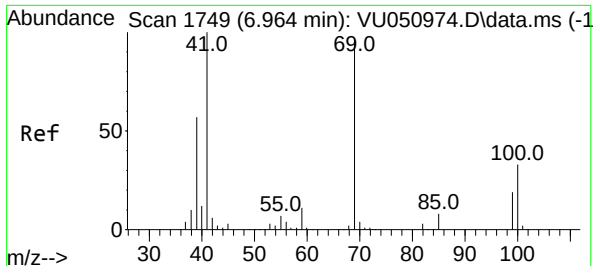
75 100

53 30.1 73.3 109.9#

89 23.7 48.2 72.4#

88 15.4 36.4 54.6#





#47

Methyl methacrylate

Concen: 3.804 ug/l

RT: 6.967 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 69 Resp: 15557

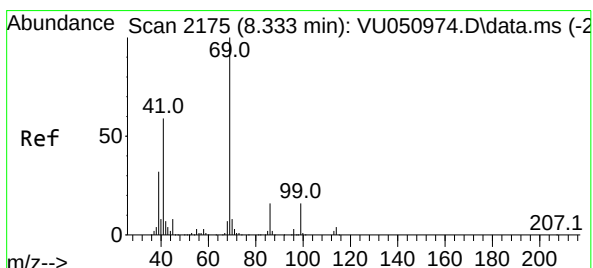
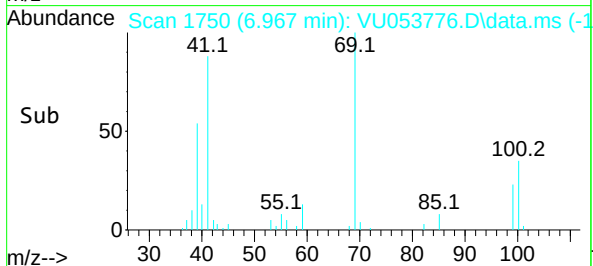
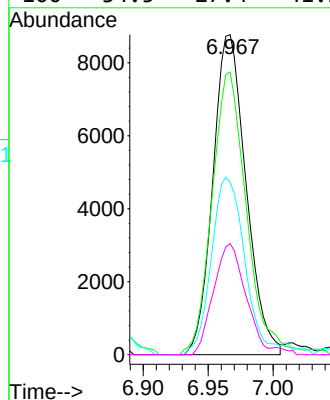
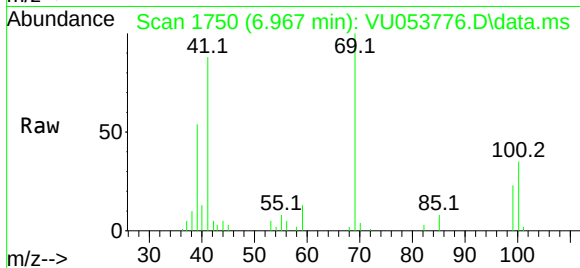
Ion Ratio Lower Upper

69 100

41 91.6 0.0 209.2

39 55.7 46.7 70.1

100 34.5 27.4 41.2



#48

Ethyl methacrylate

Concen: 1.918 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. -0.000 min

Lab File: VU053776.D

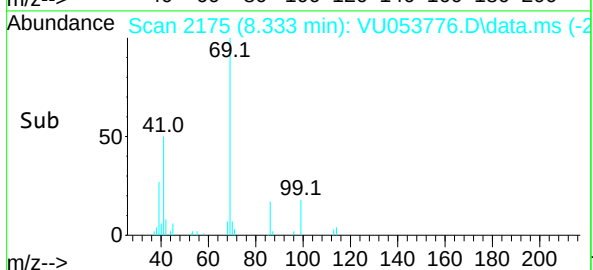
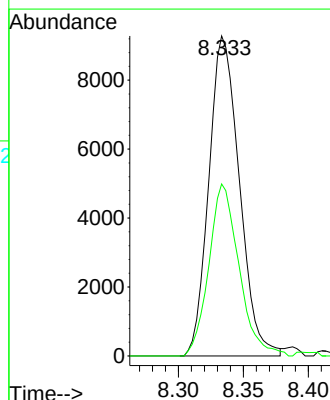
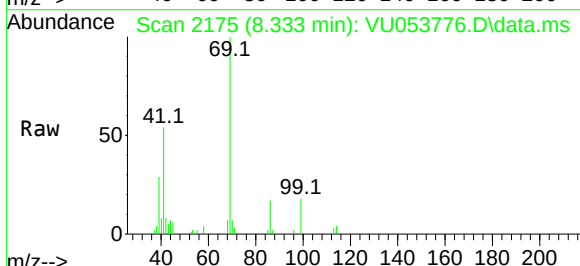
Acq: 19 Apr 2023 11:22

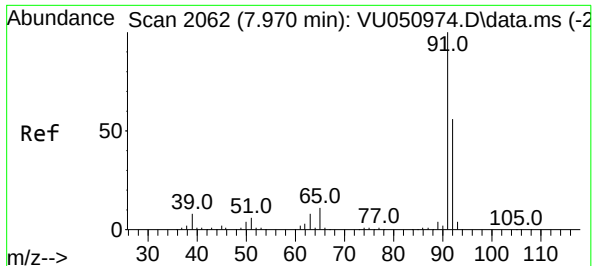
Tgt Ion: 69 Resp: 15156

Ion Ratio Lower Upper

69 100

41 53.0 30.3 90.8





#49

Toluene

Concen: 1.763 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

Instrument :

MSVOA_U

ClientSampleId :

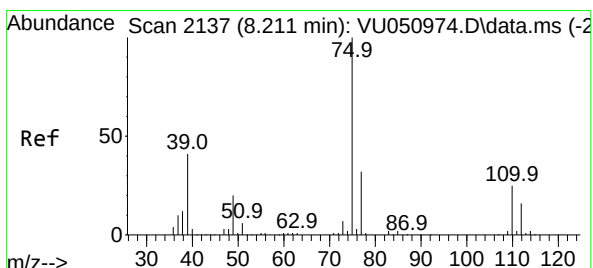
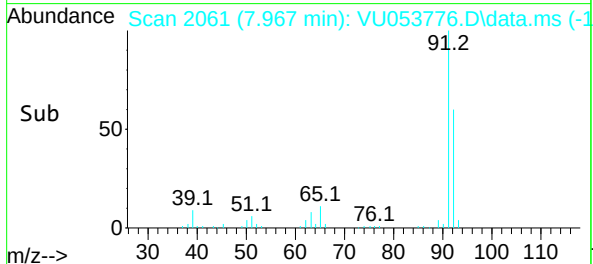
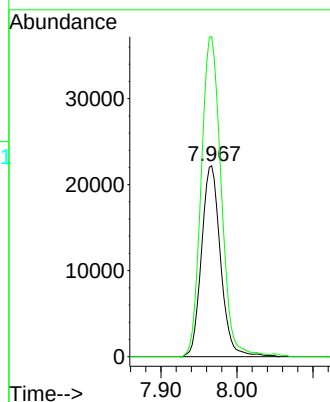
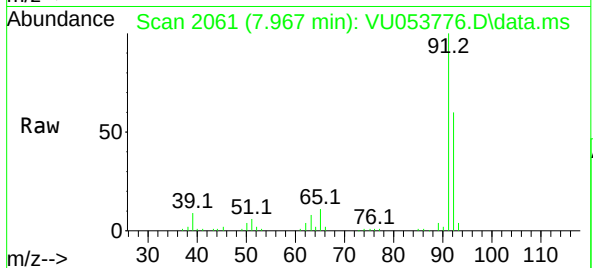
VSTDIC002

Tgt Ion: 92 Resp: 38610

Ion Ratio Lower Upper

92 100

91 175.8 143.0 214.6



#50

t-1,3-Dichloropropene

Concen: 1.973 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU053776.D

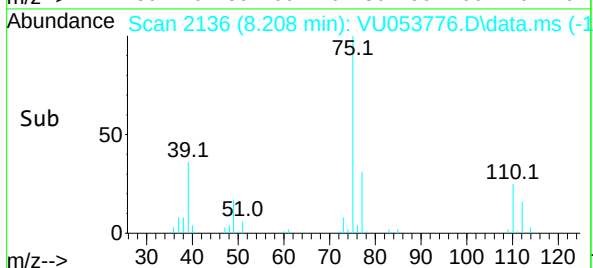
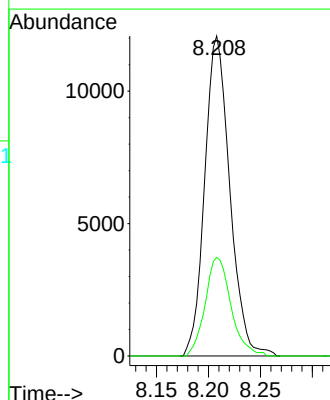
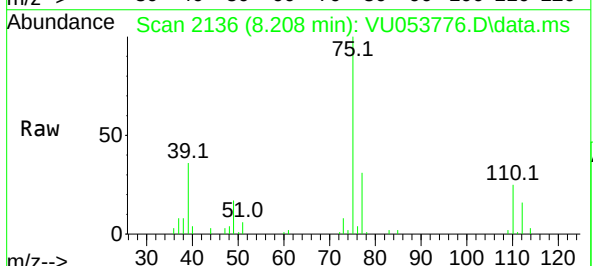
Acq: 19 Apr 2023 11:22

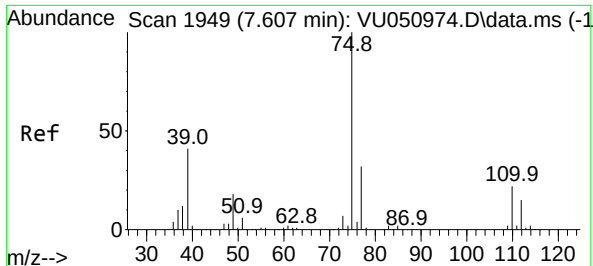
Tgt Ion: 75 Resp: 20259

Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9





#51

cis-1,3-Dichloropropene

Concen: 1.943 ug/l

RT: 7.603 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

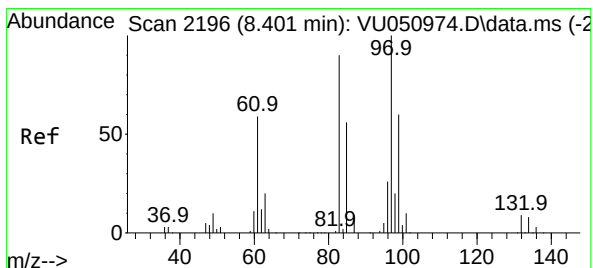
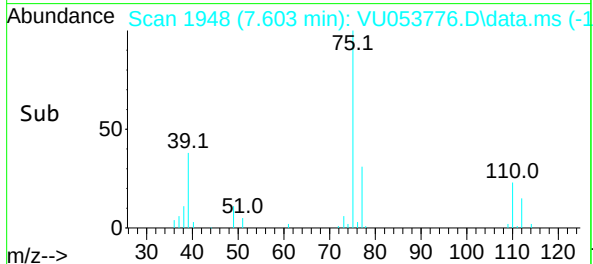
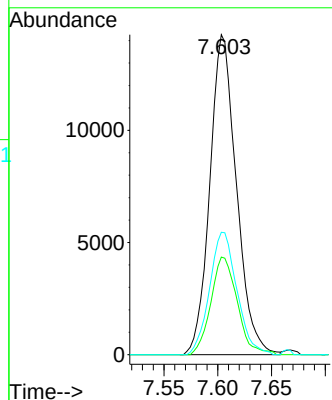
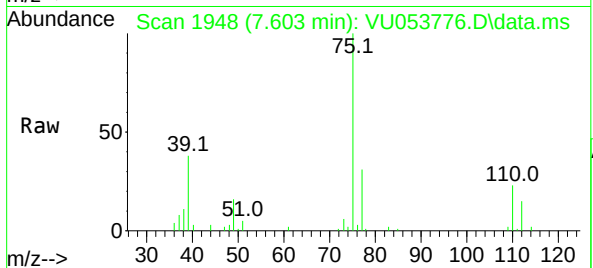
Tgt Ion: 75 Resp: 24529

Ion Ratio Lower Upper

75 100

77 30.5 25.7 38.5

39 38.3 32.8 49.2



#52

1,1,2-Trichloroethane

Concen: 2.220 ug/l

RT: 8.398 min Scan# 2195

Delta R.T. -0.000 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

Tgt Ion: 97 Resp: 14604

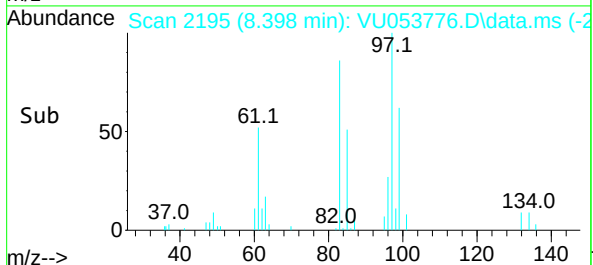
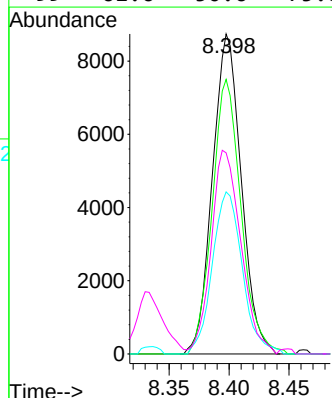
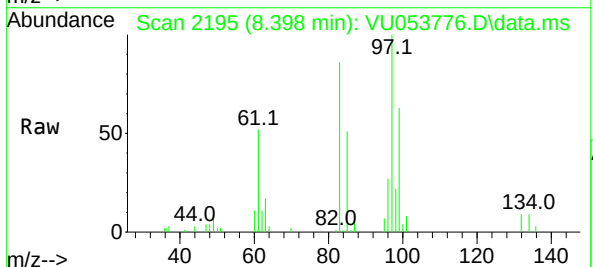
Ion Ratio Lower Upper

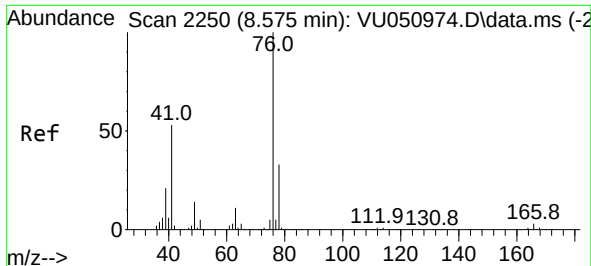
97 100

83 85.8 71.8 107.8

85 50.7 45.2 67.8

99 61.6 50.6 75.8





#53

1,3-Dichloropropane

Concen: 2.111 ug/l

RT: 8.574 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

Instrument :

MSVOA_U

ClientSampleId :

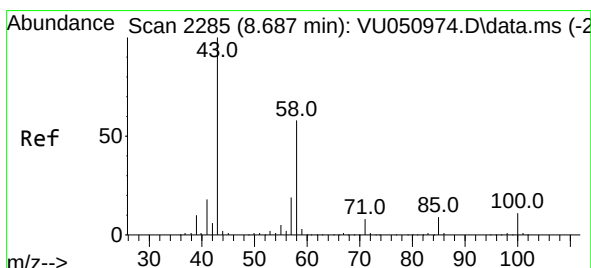
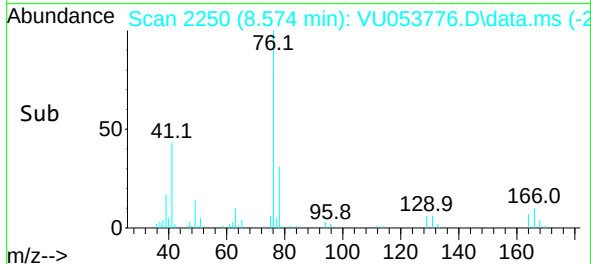
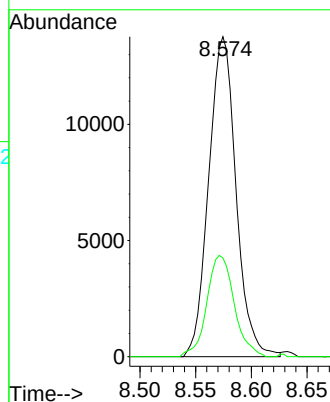
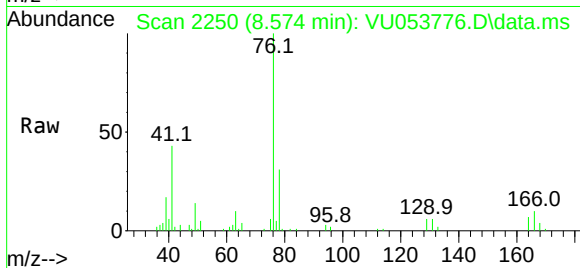
VSTDICC002

Tgt Ion: 76 Resp: 23507

Ion Ratio Lower Upper

76 100

78 31.7 25.9 38.9



#54

2-Hexanone

Concen: 9.129 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

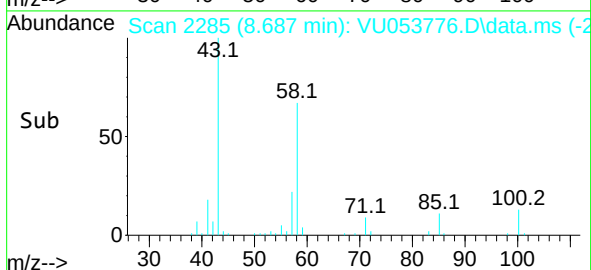
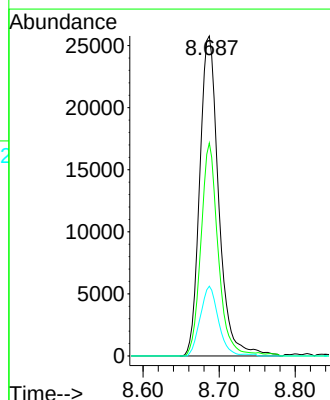
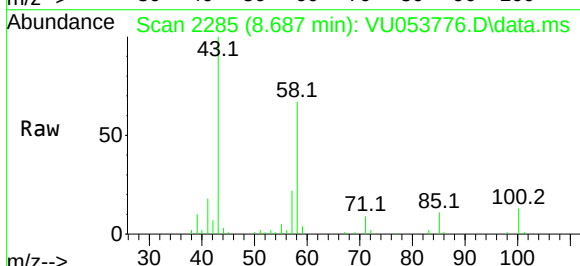
Tgt Ion: 43 Resp: 44623

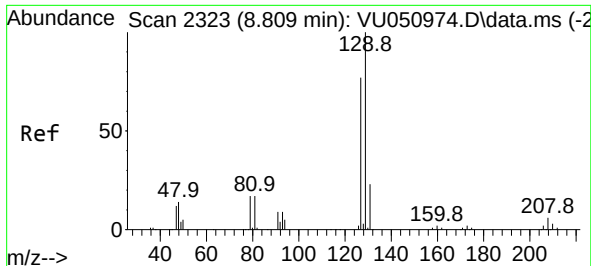
Ion Ratio Lower Upper

43 100

58 60.5 38.2 78.2

57 20.7 0.0 39.1

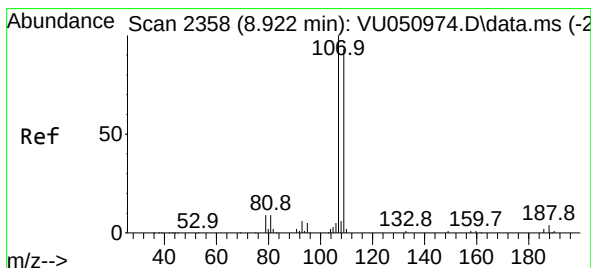
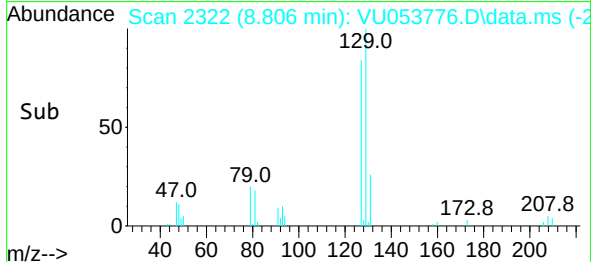
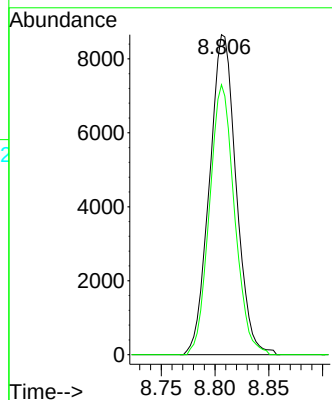
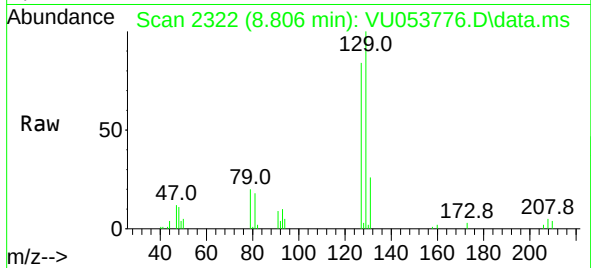




#55
Dibromochloromethane
Concen: 2.216 ug/l
RT: 8.806 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

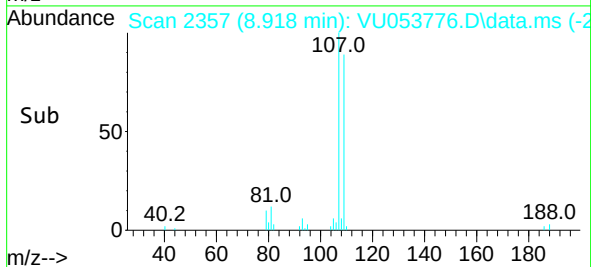
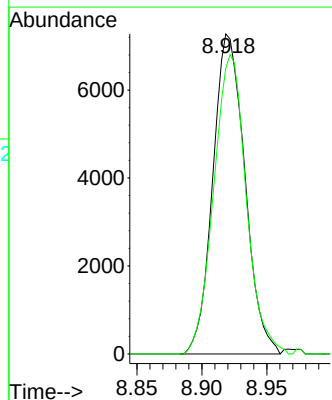
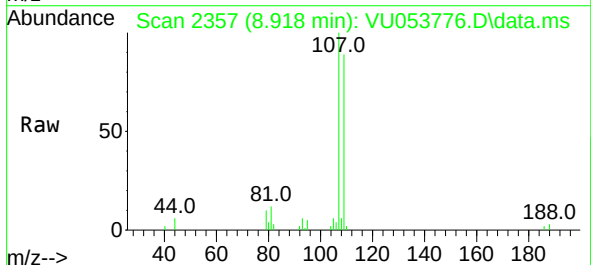
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

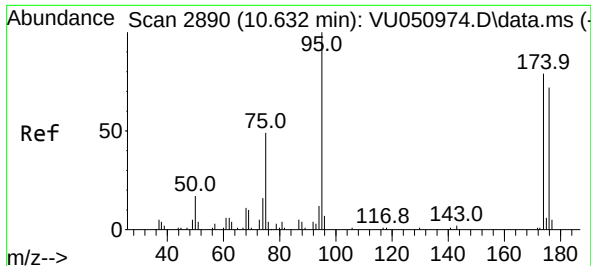
Tgt Ion:129 Resp: 14935
Ion Ratio Lower Upper
129 100
127 79.0 61.4 92.0



#56
1,2-Dibromoethane
Concen: 2.065 ug/l
RT: 8.918 min Scan# 2357
Delta R.T. -0.003 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion:107 Resp: 12430
Ion Ratio Lower Upper
107 100
109 95.1 0.0 184.4

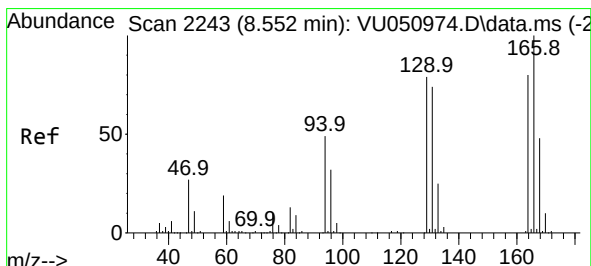
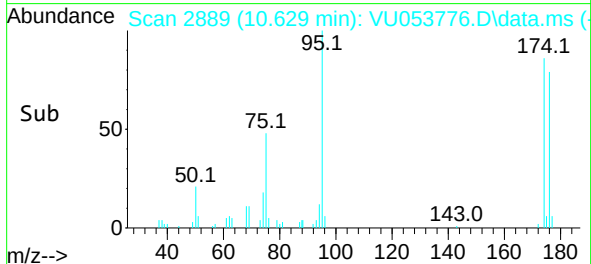
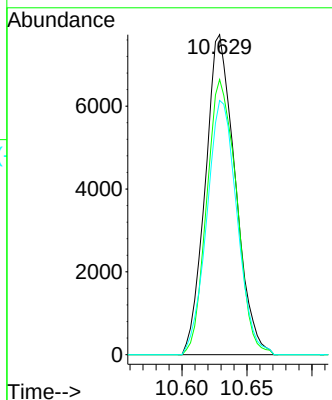
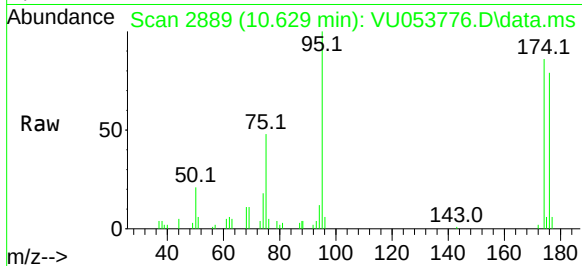




#57
4-Bromofluorobenzene
Concen: 1.064 ug/l
RT: 10.629 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

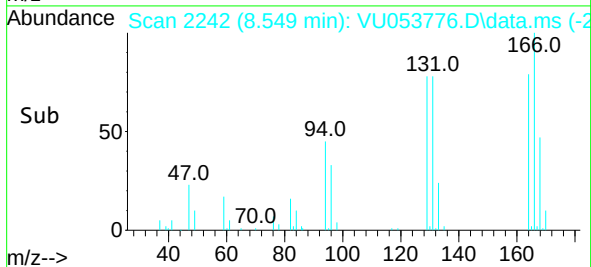
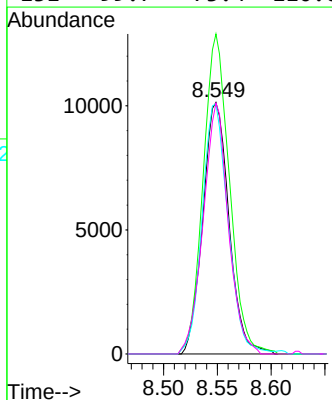
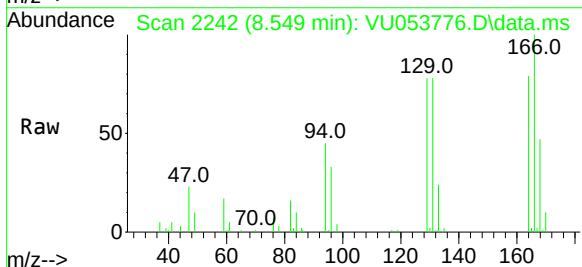
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

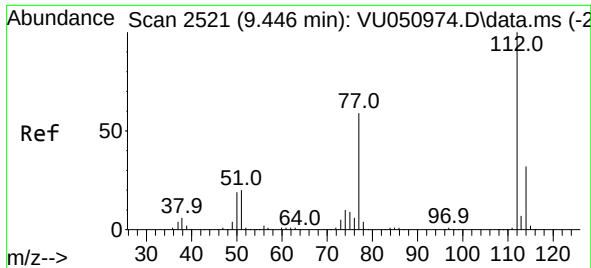
Tgt Ion: 95 Resp: 12359
Ion Ratio Lower Upper
95 100
174 85.2 63.3 94.9
176 80.2 59.3 88.9



#58
Tetrachloroethene
Concen: 2.017 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion: 164 Resp: 17215
Ion Ratio Lower Upper
164 100
166 127.2 99.6 149.4
129 99.4 78.6 117.8
131 99.7 73.4 110.0





#59

Chlorobenzene

Concen: 2.015 ug/l

RT: 9.443 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

Instrument :

MSVOA_U

ClientSampleId :

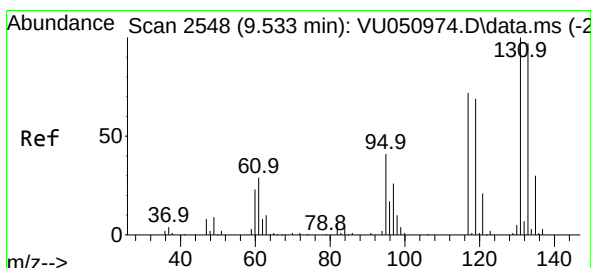
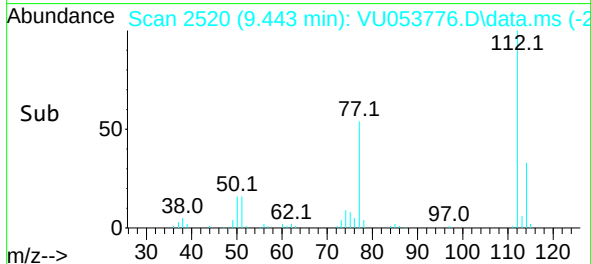
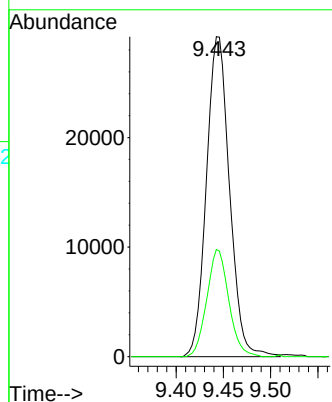
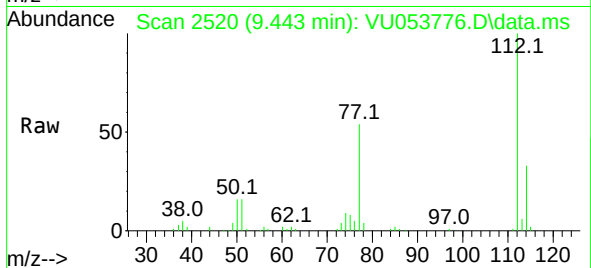
VSTDICC002

Tgt Ion:112 Resp: 49652

Ion Ratio Lower Upper

112 100

114 33.5 25.6 38.4



#60

1,1,1,2-Tetrachloroethane

Concen: 2.329 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. 0.003 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

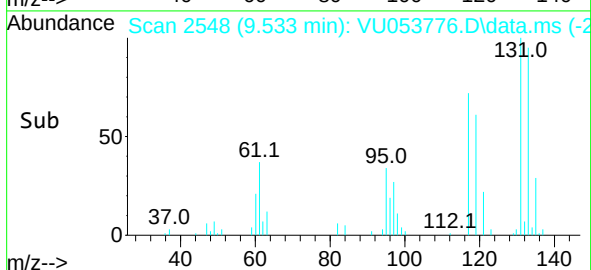
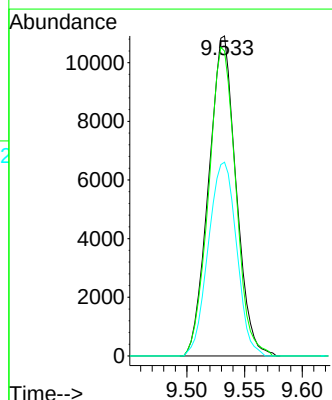
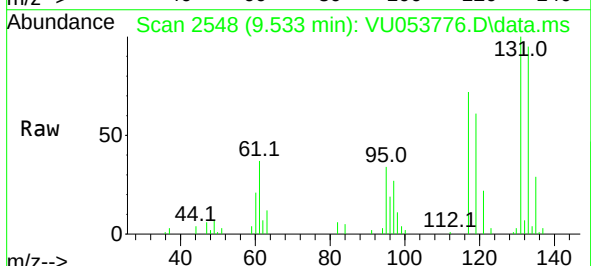
Tgt Ion:131 Resp: 17997

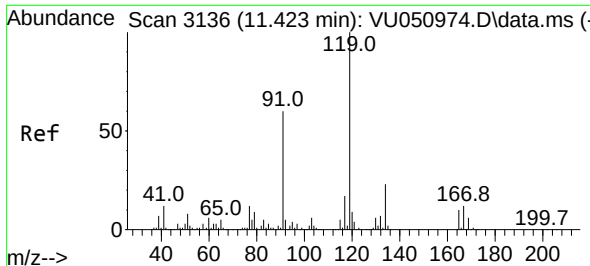
Ion Ratio Lower Upper

131 100

133 95.5 77.8 116.6

119 62.5 55.2 82.8

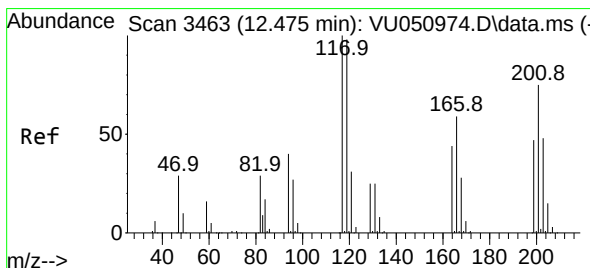
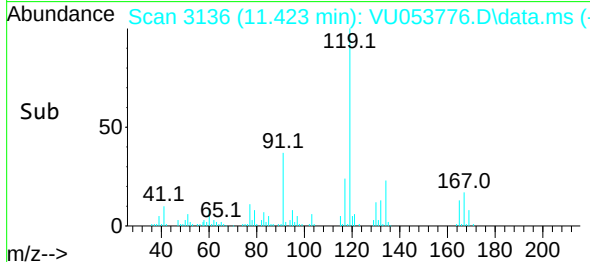
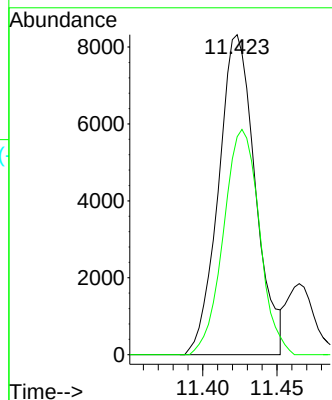
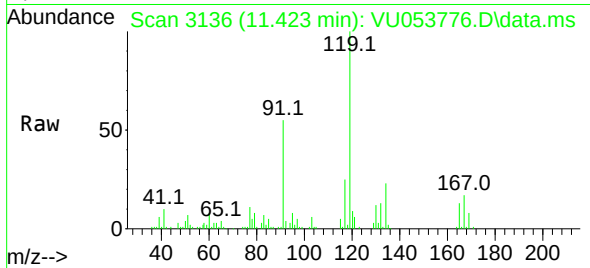




#61
 Pentachloroethane
 Concen: 2.562 ug/l
 RT: 11.423 min Scan# 3136
 Delta R.T. -0.000 min
 Lab File: VU053776.D
 Acq: 19 Apr 2023 11:22

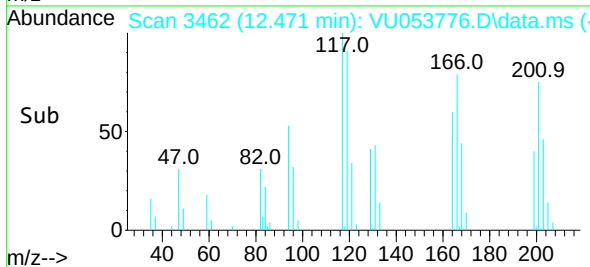
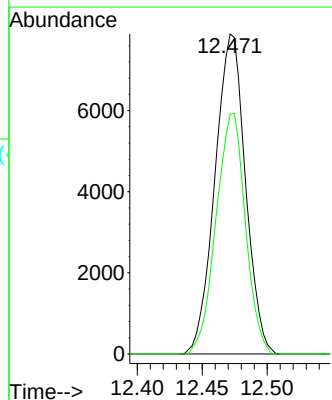
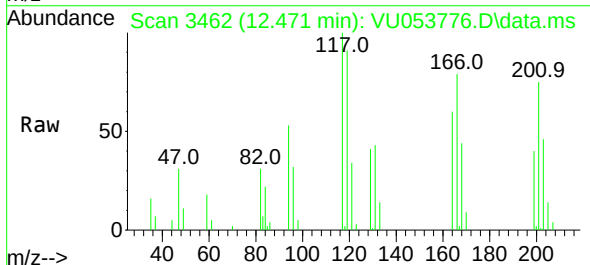
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

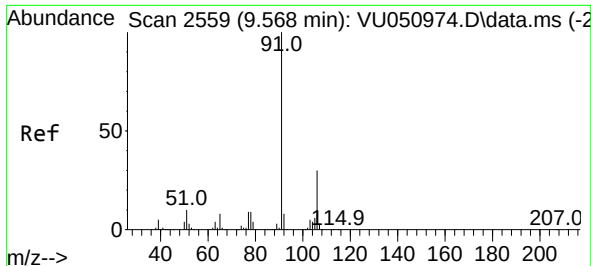
Tgt Ion:117 Resp: 14354
 Ion Ratio Lower Upper
 117 100
 167 68.7 56.7 85.1



#62
 Hexachloroethane
 Concen: 2.100 ug/l
 RT: 12.471 min Scan# 3462
 Delta R.T. -0.000 min
 Lab File: VU053776.D
 Acq: 19 Apr 2023 11:22

Tgt Ion:117 Resp: 12862
 Ion Ratio Lower Upper
 117 100
 201 72.4 59.6 89.4

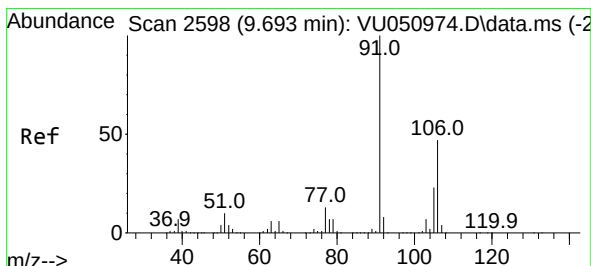
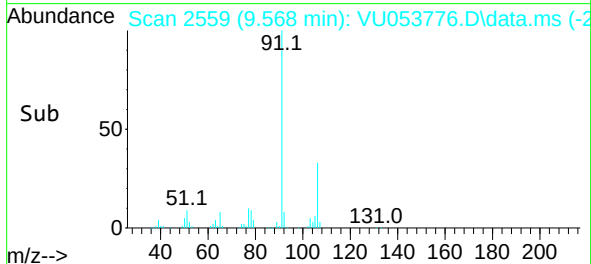
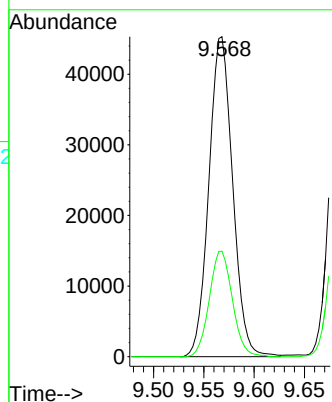
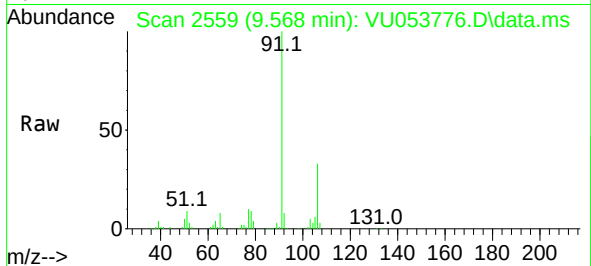




#63
Ethyl Benzene
Concen: 1.749 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

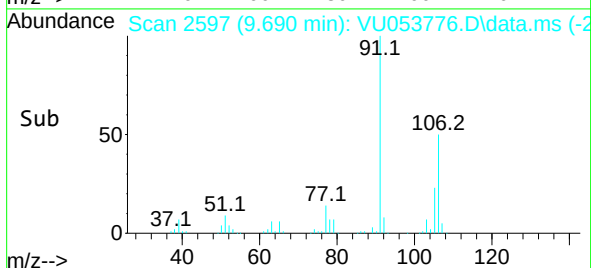
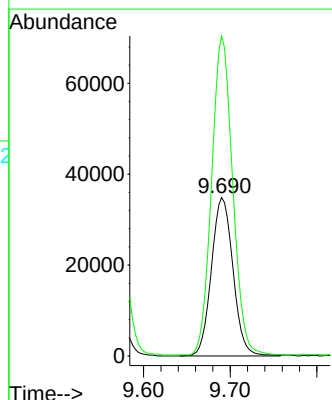
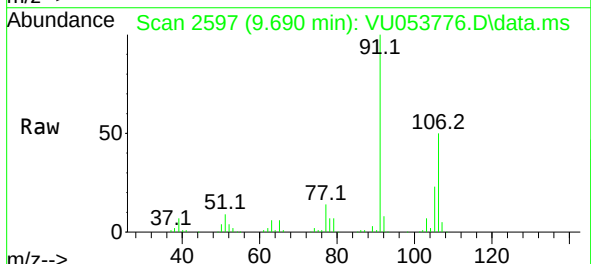
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

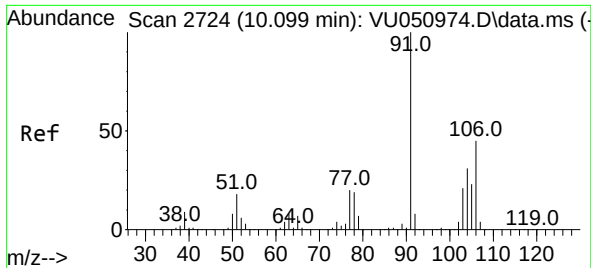
Tgt Ion: 91 Resp: 74458
Ion Ratio Lower Upper
91 100
106 32.9 24.2 36.2



#64
m/p-Xylenes
Concen: 3.693 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion: 106 Resp: 60470
Ion Ratio Lower Upper
106 100
91 196.1 167.3 250.9

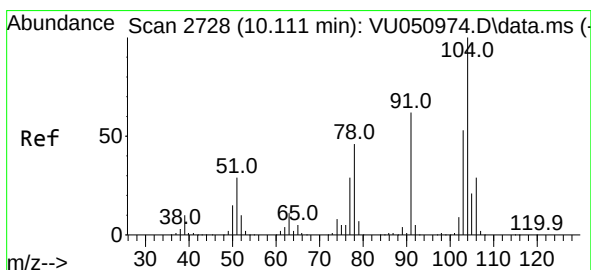
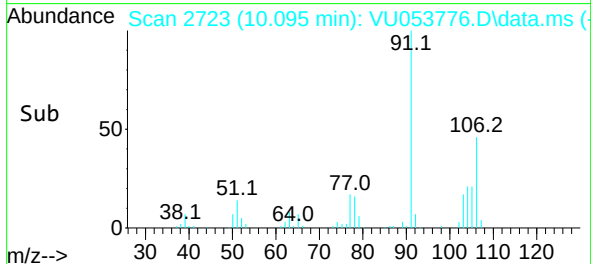
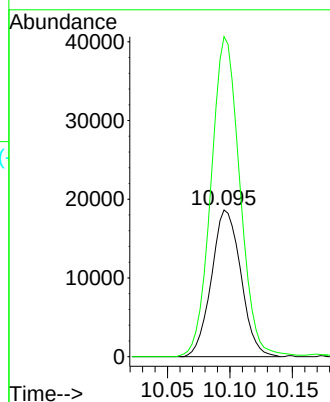
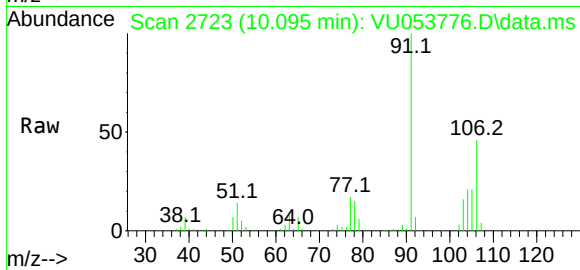




#65
o-Xylene
Concen: 1.896 ug/l
RT: 10.095 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

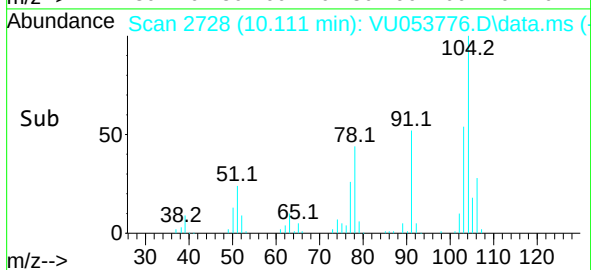
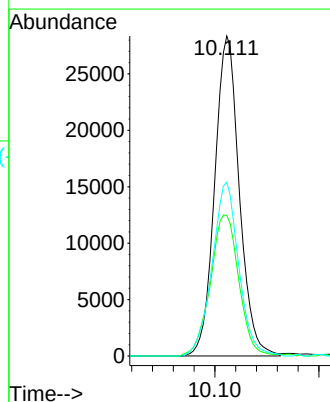
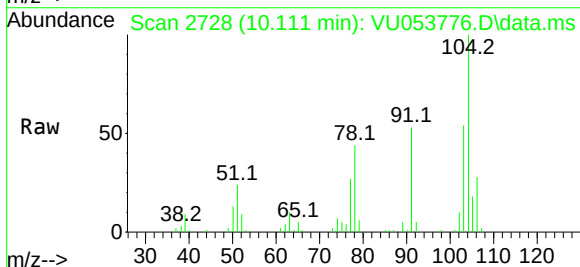
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

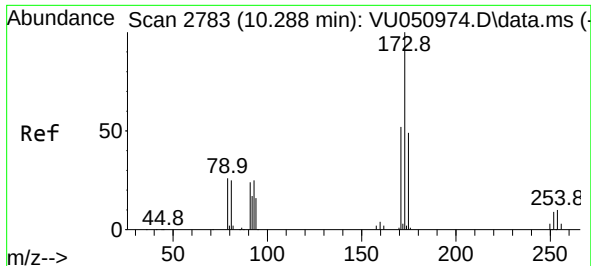
Tgt Ion:106 Resp: 30573
Ion Ratio Lower Upper
106 100
91 214.4 109.3 327.9



#66
Styrene
Concen: 1.874 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion:104 Resp: 46681
Ion Ratio Lower Upper
104 100
78 50.8 39.7 59.5
103 58.6 44.8 67.2

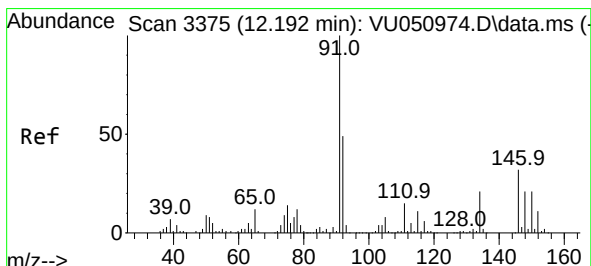
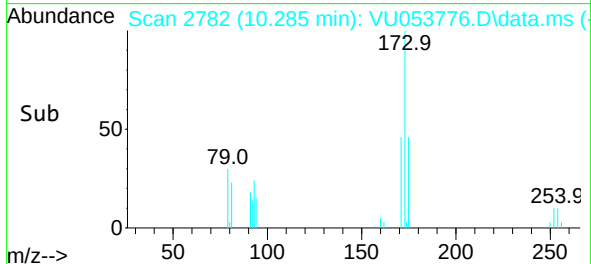
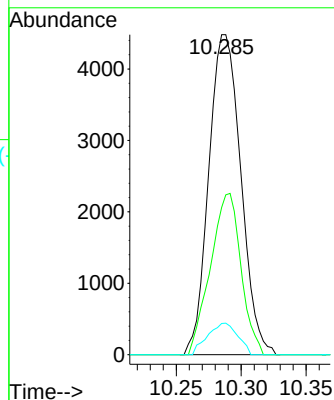
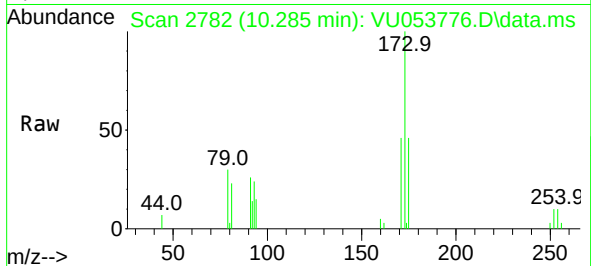




#67
Bromoform
Concen: 2.372 ug/l
RT: 10.285 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

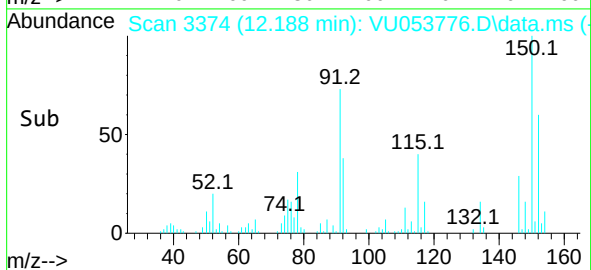
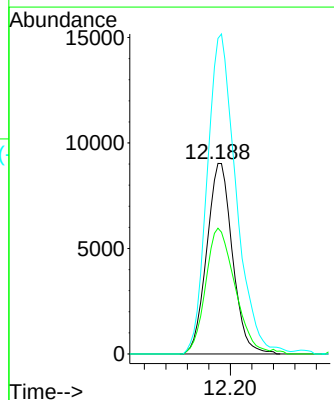
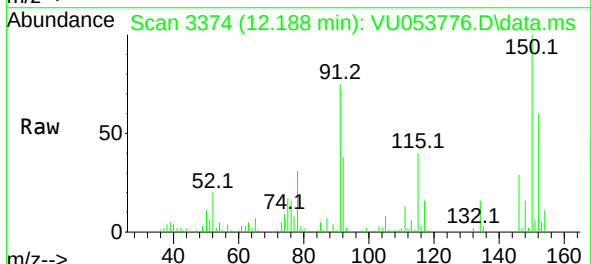
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

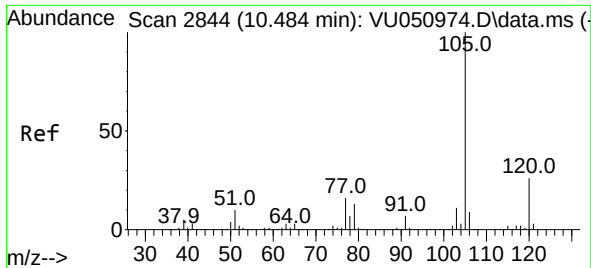
Tgt Ion:173 Resp: 7700
Ion Ratio Lower Upper
173 100
175 47.8 39.0 58.6
254 9.3 7.4 11.0



#68
1,2-Dichlorobenzene-d4
Concen: 1.233 ug/l
RT: 12.188 min Scan# 3374
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion:152 Resp: 14939
Ion Ratio Lower Upper
152 100
115 75.7 0.0 308.8
150 189.1 0.0 635.0

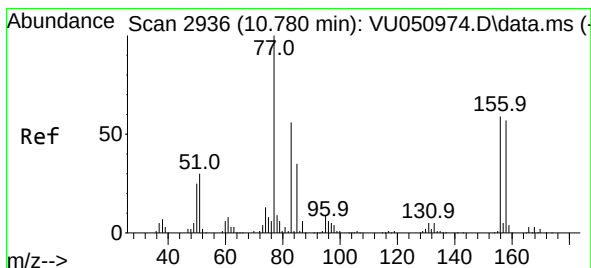
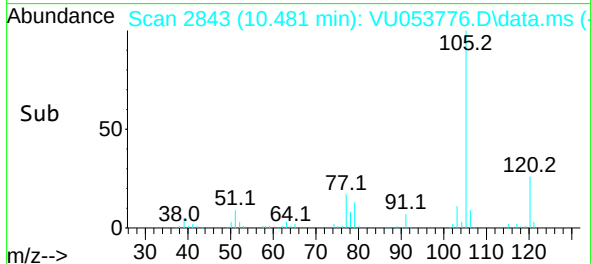
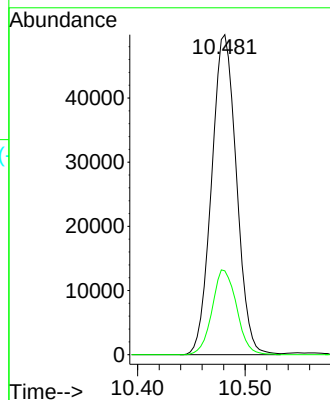
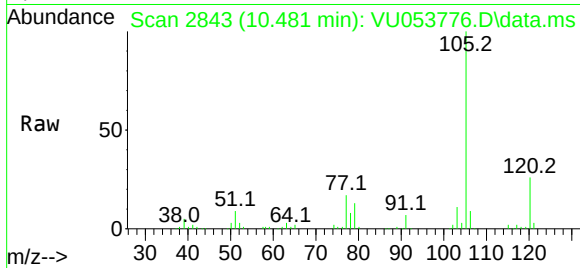




#69
Isopropylbenzene
Concen: 1.901 ug/l
RT: 10.481 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

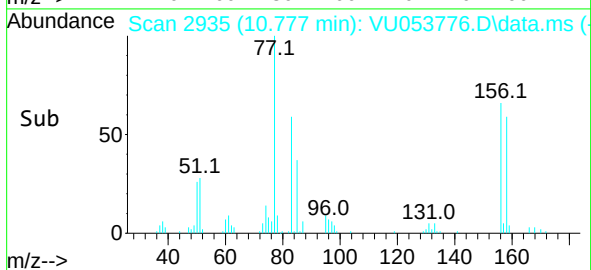
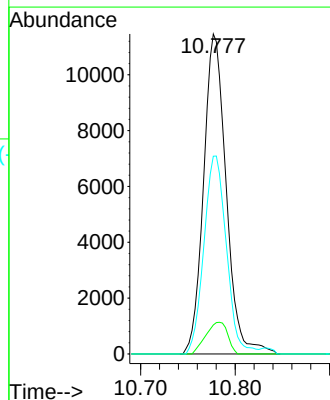
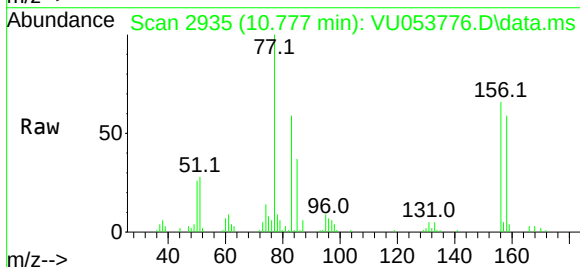
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

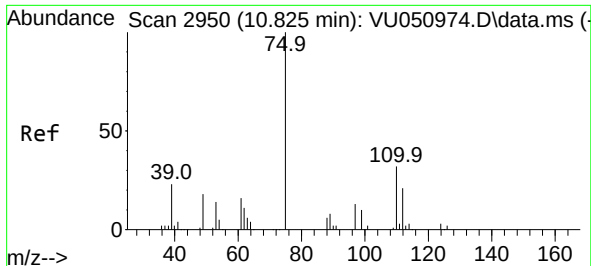
Tgt Ion:105 Resp: 80198
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4



#70
1,1,2,2-Tetrachloroethane
Concen: 2.372 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion: 83 Resp: 19021
Ion Ratio Lower Upper
83 100
131 9.6 7.2 10.8
85 61.6 50.5 75.7

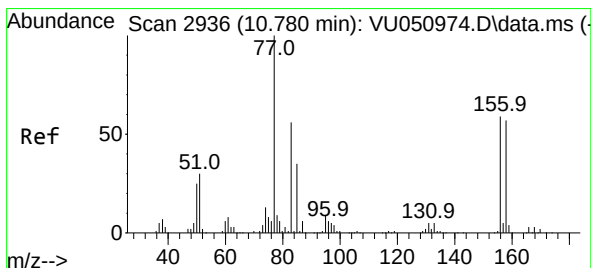
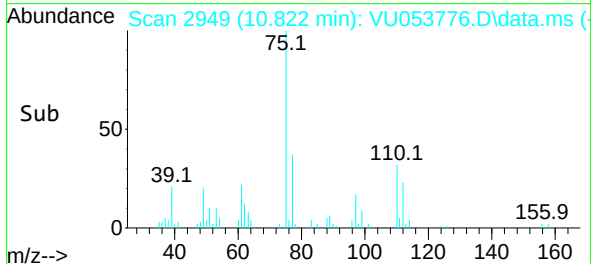
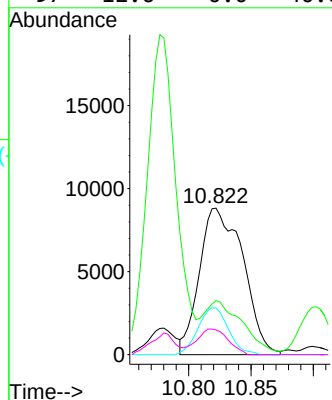
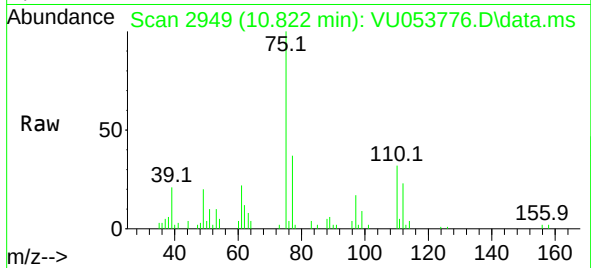




#71
1,2,3-Trichloropropane
Concen: 3.521 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

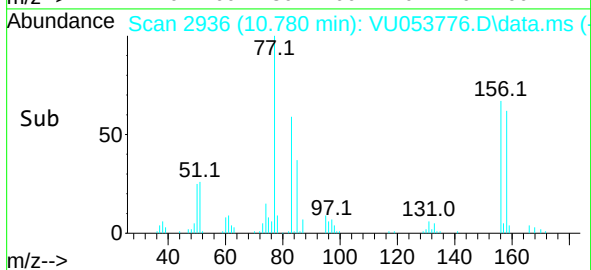
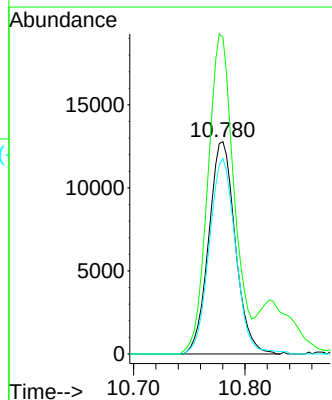
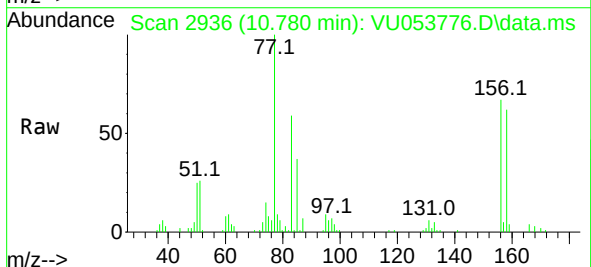
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

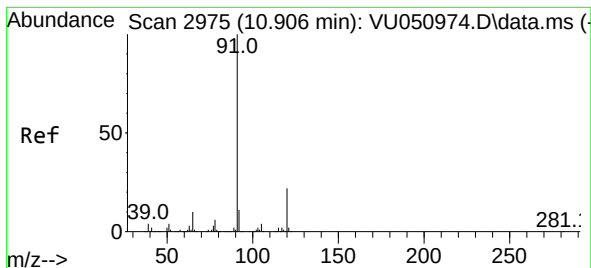
Tgt Ion: 75 Resp: 21452
Ion Ratio Lower Upper
75 100
77 31.5 0.0 116.4
110 22.3 0.0 74.6
97 12.6 0.0 40.0



#72
Bromobenzene
Concen: 2.308 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion: 156 Resp: 21183
Ion Ratio Lower Upper
156 100
77 147.9 0.0 343.0
158 91.8 0.0 194.8





#73

n-propylbenzene

Concen: 1.944 ug/l

RT: 10.902 min Scan# 2975

Delta R.T. -0.000 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

Instrument :

MSVOA_U

ClientSampleId :

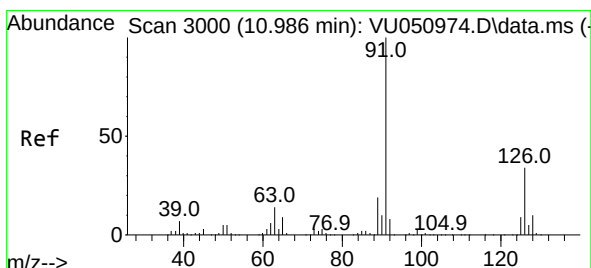
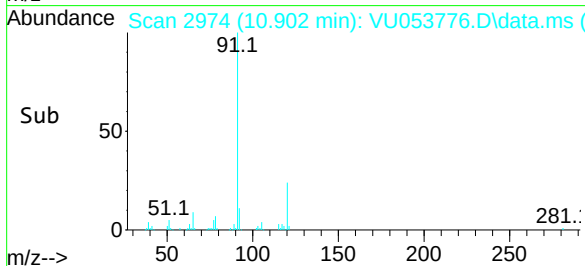
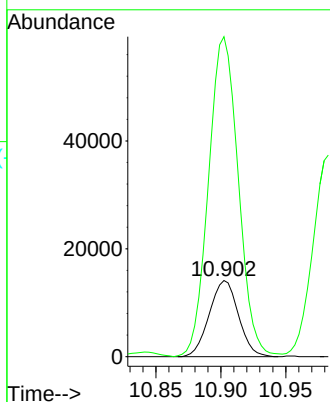
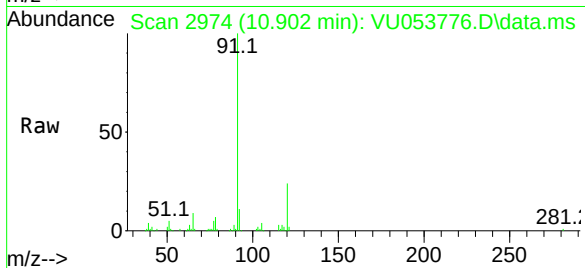
VSTDIC002

Tgt Ion:120 Resp: 21991

Ion Ratio Lower Upper

120 100

91 430.1 369.8 554.6



#74

2-Chlorotoluene

Concen: 2.146 ug/l

RT: 10.983 min Scan# 2999

Delta R.T. -0.000 min

Lab File: VU053776.D

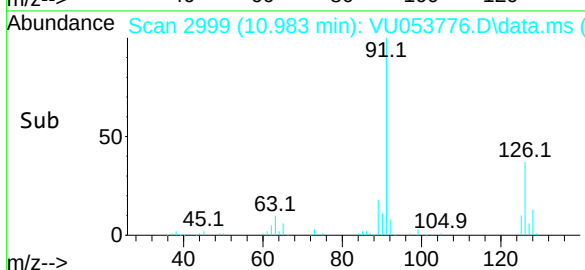
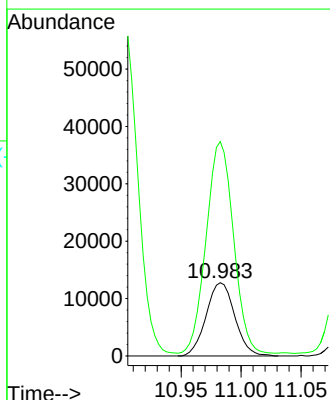
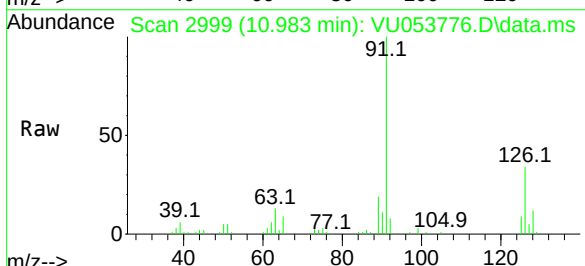
Acq: 19 Apr 2023 11:22

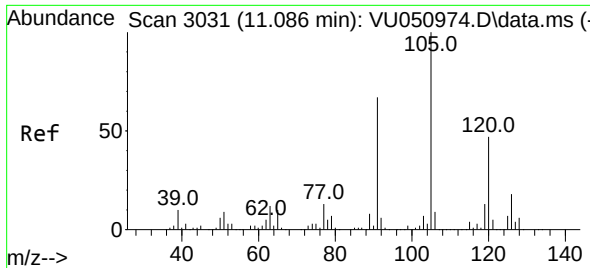
Tgt Ion:126 Resp: 21177

Ion Ratio Lower Upper

126 100

91 277.2 0.0 610.0

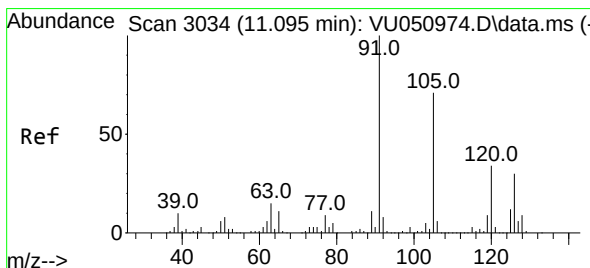
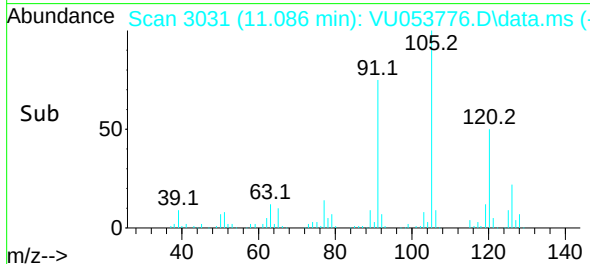
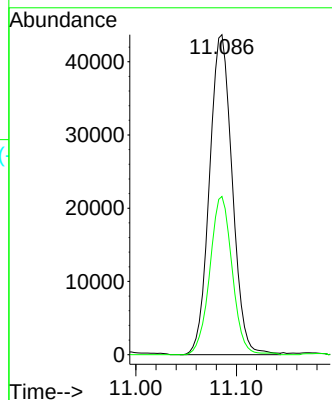
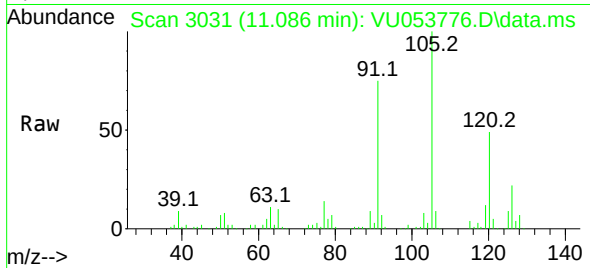




#75
1,3,5-Trimethylbenzene
Concen: 1.921 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

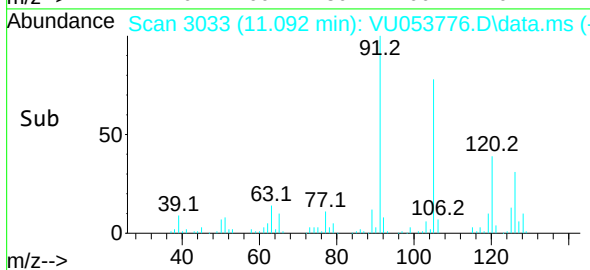
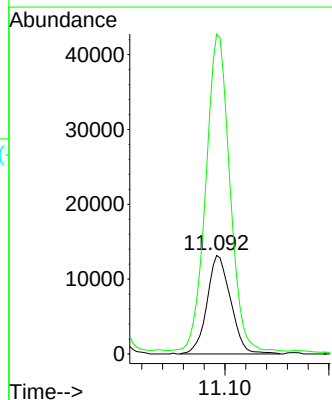
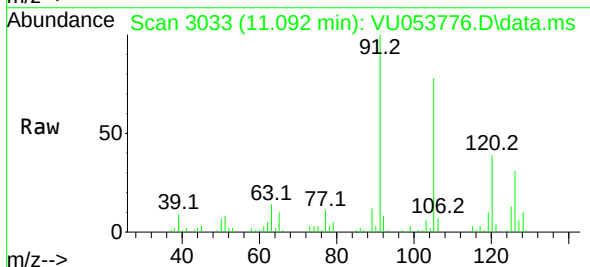
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

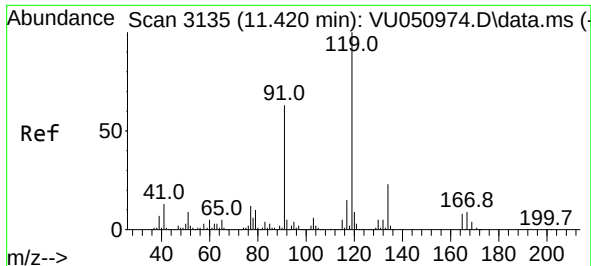
Tgt Ion:105 Resp: 68735
Ion Ratio Lower Upper
105 100
120 48.5 37.8 56.8



#76
4-Chlorotoluene
Concen: 2.009 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion:126 Resp: 20764
Ion Ratio Lower Upper
126 100
91 323.0 0.0 686.2

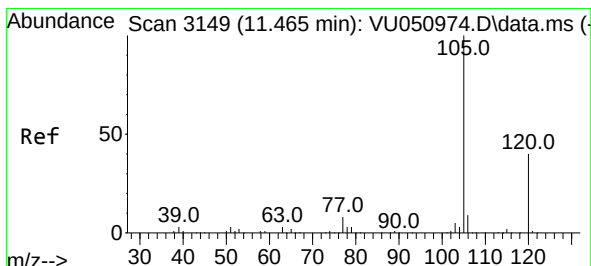
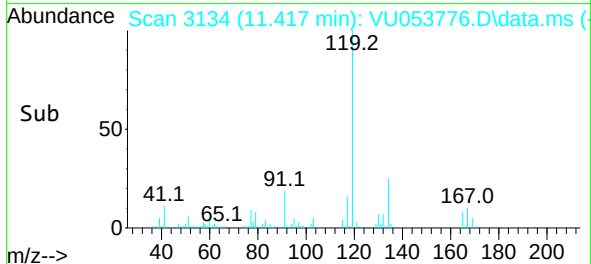
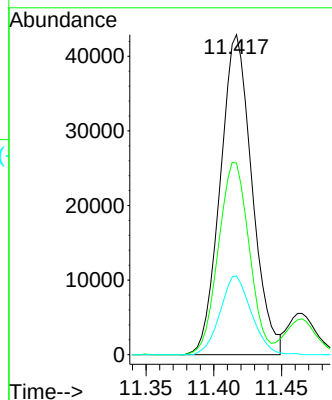
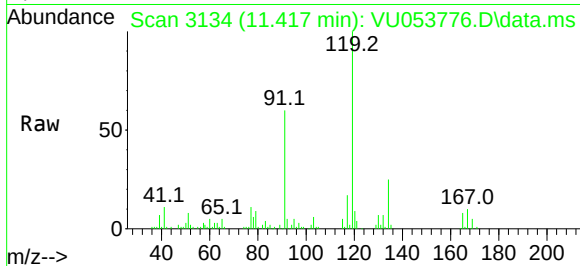




#77
tert-Butylbenzene
Concen: 2.072 ug/l
RT: 11.417 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

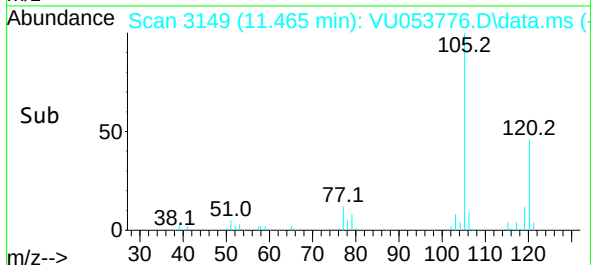
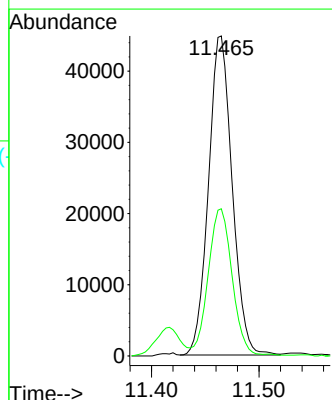
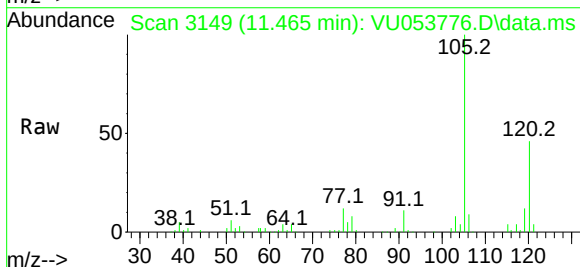
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

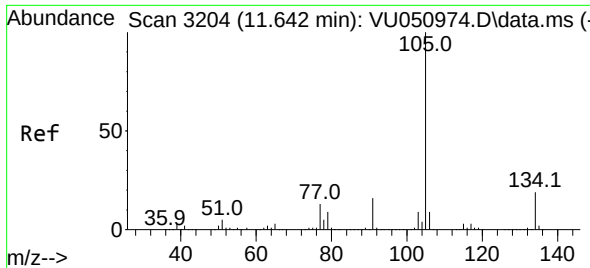
Tgt Ion:119 Resp: 69952
Ion Ratio Lower Upper
119 100
91 58.3 30.8 92.4
134 24.2 18.0 27.0



#78
1,2,4-Trimethylbenzene
Concen: 1.873 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion:105 Resp: 68692
Ion Ratio Lower Upper
105 100
120 45.5 21.9 65.8

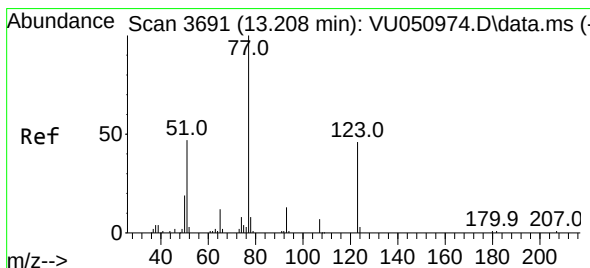
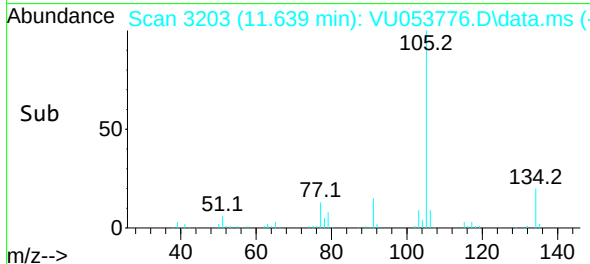
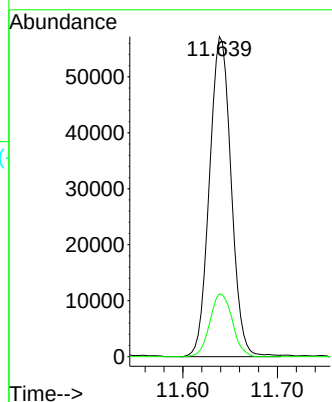
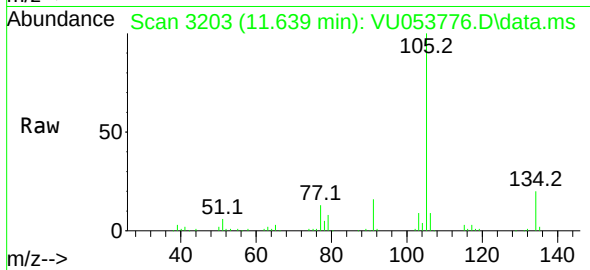




#79
 sec-Butylbenzene
 Concen: 1.903 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053776.D
 Acq: 19 Apr 2023 11:22

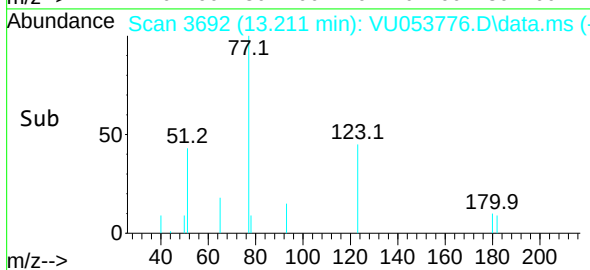
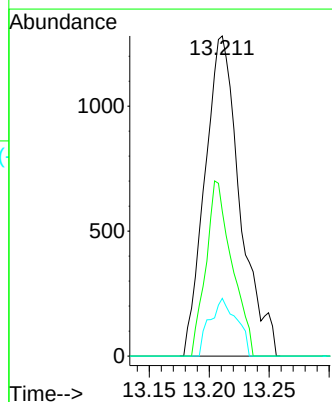
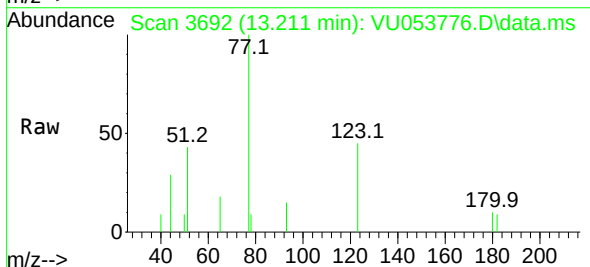
Instrument :
 MSVOA_U
 ClientSampleId :
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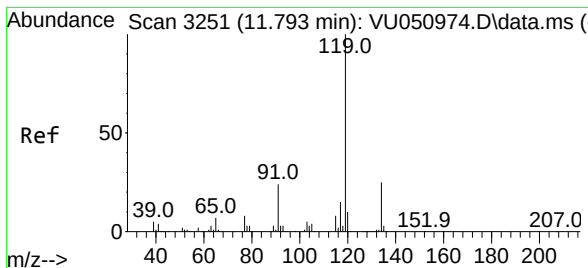
Tgt Ion:105 Resp: 91257
 Ion Ratio Lower Upper
 105 100
 134 20.2 14.9 22.3



#80
 Nitrobenzene
 Concen: 12.180 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.009 min
 Lab File: VU053776.D
 Acq: 19 Apr 2023 11:22

Tgt Ion: 77 Resp: 2609
 Ion Ratio Lower Upper
 77 100
 123 40.6 19.7 69.7
 65 13.9 11.5 14.7





#81

p-Isopropyltoluene

Concen: 1.939 ug/l

RT: 11.790 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

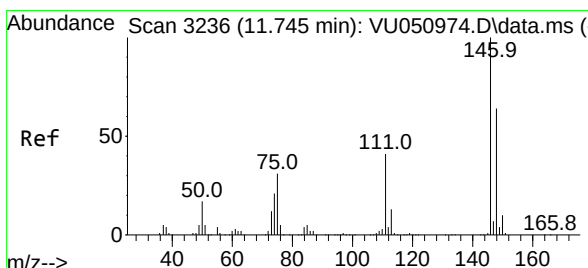
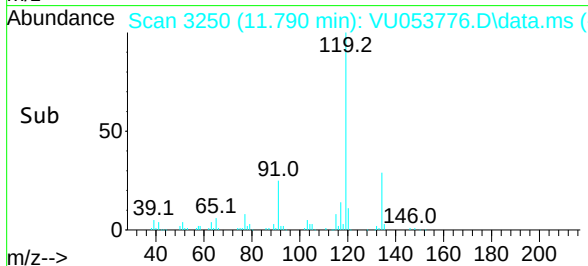
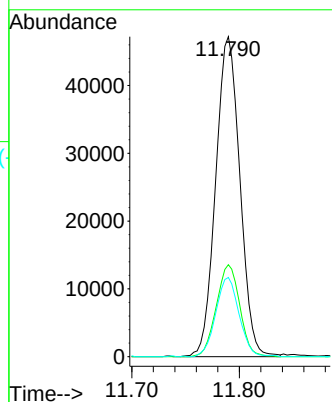
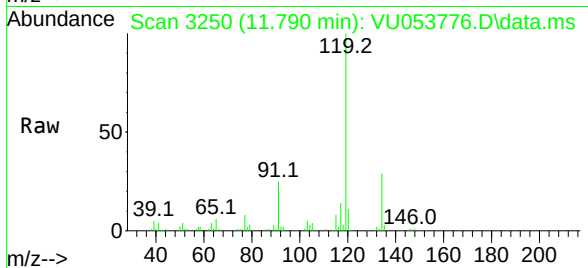
Tgt Ion:119 Resp: 73911

Ion Ratio Lower Upper

119 100

134 27.7 20.2 30.4

91 23.9 19.3 28.9



#82

1,3-Dichlorobenzene

Concen: 2.249 ug/l

RT: 11.741 min Scan# 3235

Delta R.T. -0.000 min

Lab File: VU053776.D

Acq: 19 Apr 2023 11:22

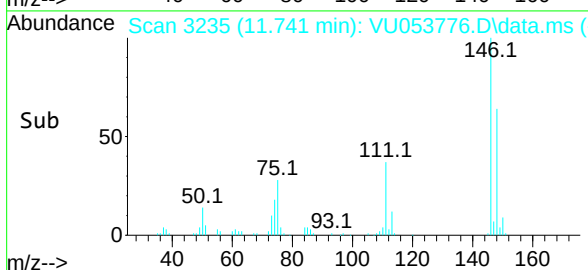
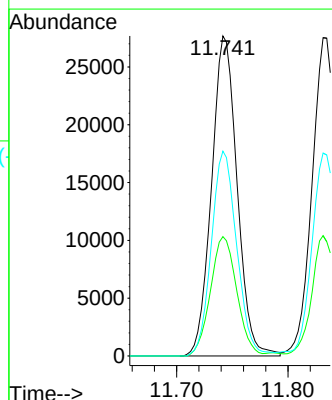
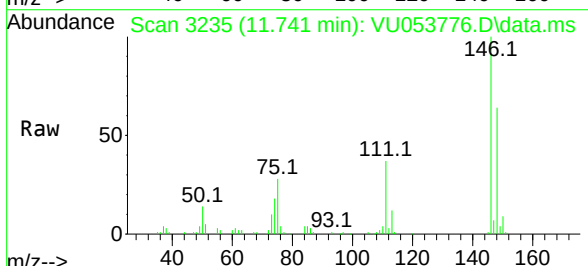
Tgt Ion:146 Resp: 44120

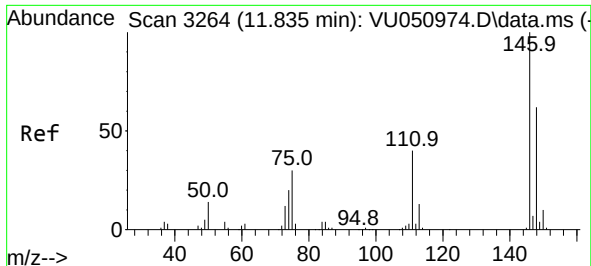
Ion Ratio Lower Upper

146 100

111 38.5 32.6 49.0

148 63.6 51.0 76.4

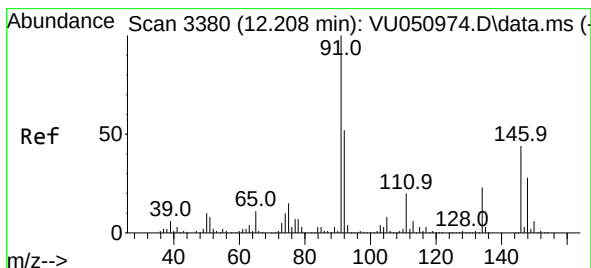
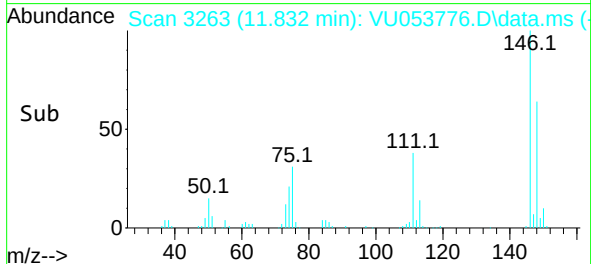
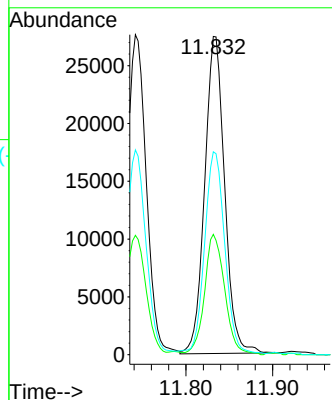
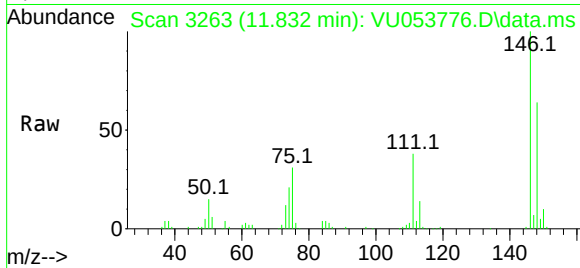




#83
1,4-Dichlorobenzene
Concen: 2.202 ug/l
RT: 11.832 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

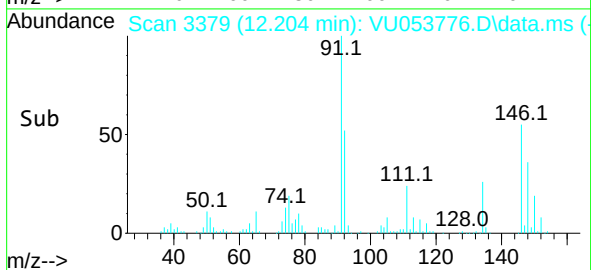
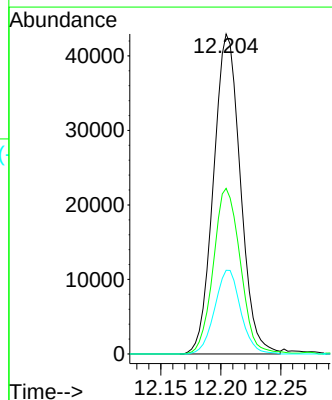
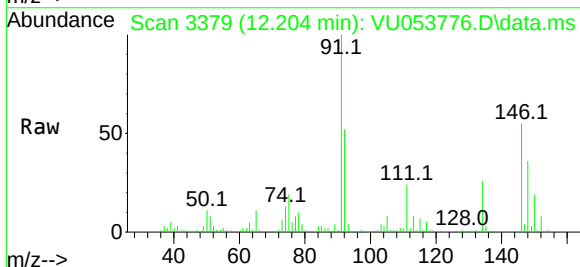
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

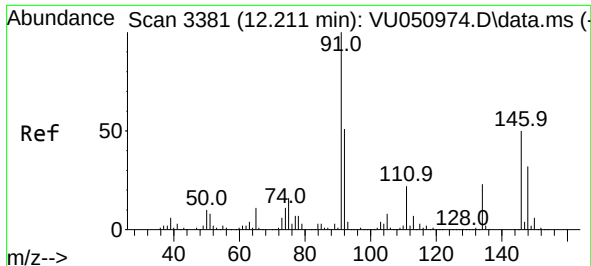
Tgt Ion:146 Resp: 43895
Ion Ratio Lower Upper
146 100
111 38.5 31.6 47.4
148 64.4 50.3 75.5



#84
n-Butylbenzene
Concen: 1.803 ug/l
RT: 12.204 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion: 91 Resp: 66894
Ion Ratio Lower Upper
91 100
92 52.1 40.8 61.2
134 25.3 18.4 27.6

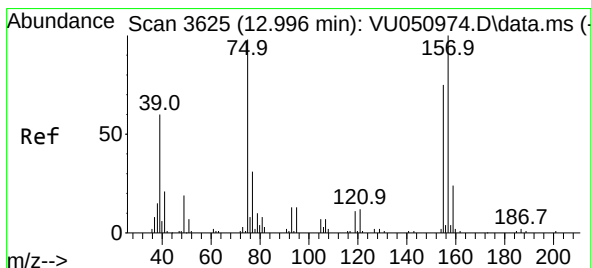
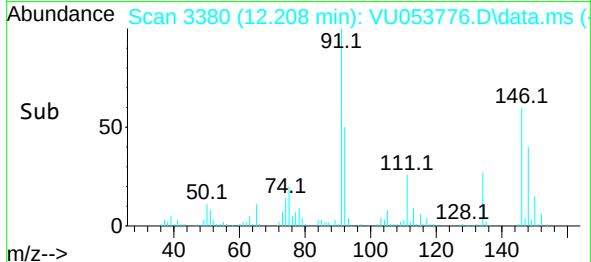
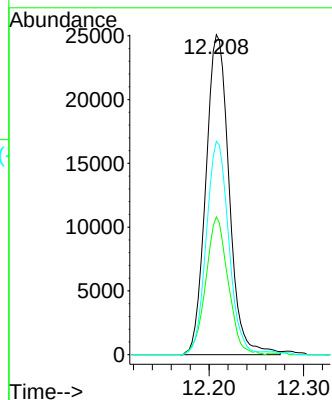
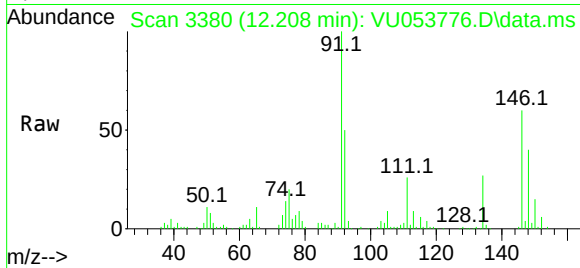




#85
 1,2-Dichlorobenzene
 Concen: 2.275 ug/l
 RT: 12.208 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU053776.D
 Acq: 19 Apr 2023 11:22

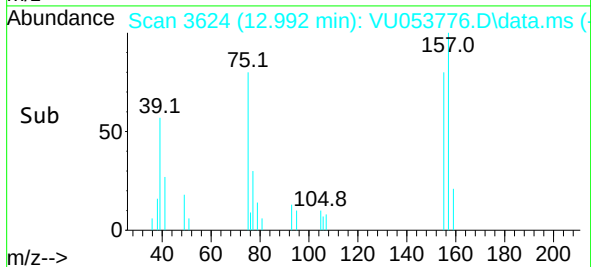
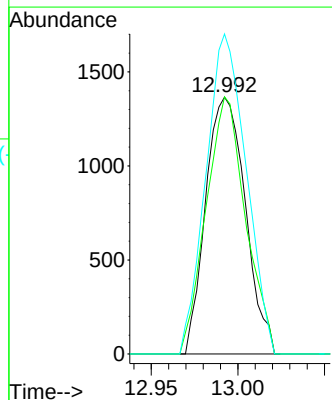
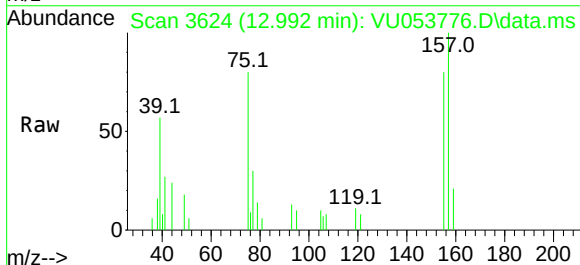
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

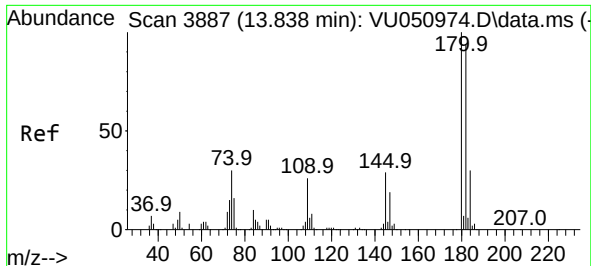
Tgt Ion:146 Resp: 42877
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.6 64.6
 148 64.3 32.1 96.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.774 ug/l
 RT: 12.992 min Scan# 3624
 Delta R.T. -0.000 min
 Lab File: VU053776.D
 Acq: 19 Apr 2023 11:22

Tgt Ion: 75 Resp: 2171
 Ion Ratio Lower Upper
 75 100
 155 99.8 61.8 92.8#
 157 126.7 80.2 120.4#

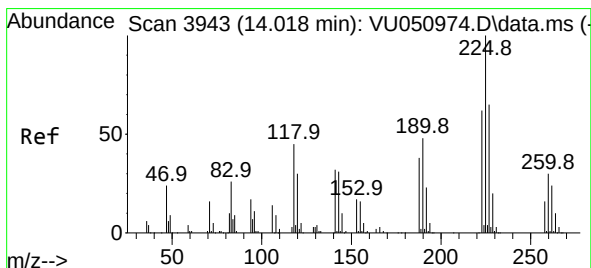
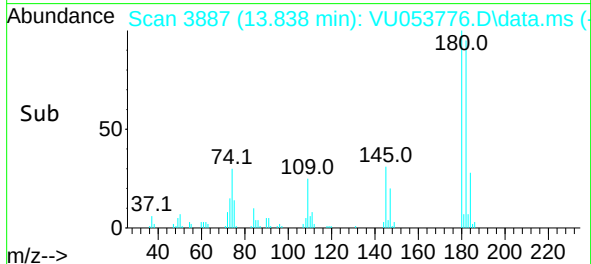
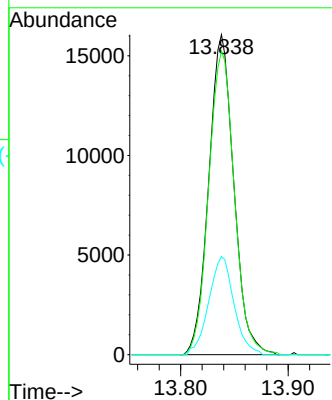
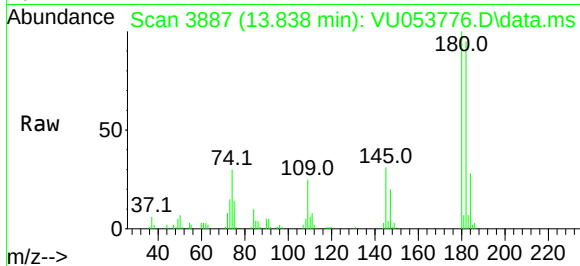




#87
1,2,4-Trichlorobenzene
Concen: 2.317 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

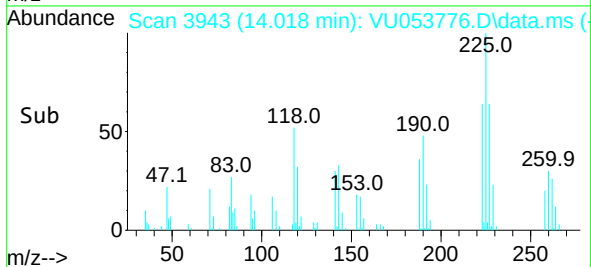
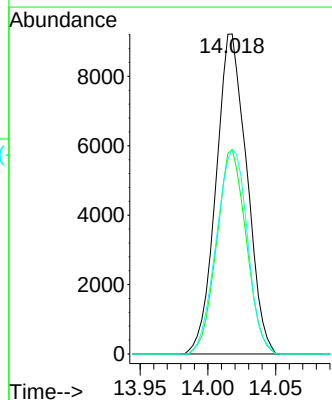
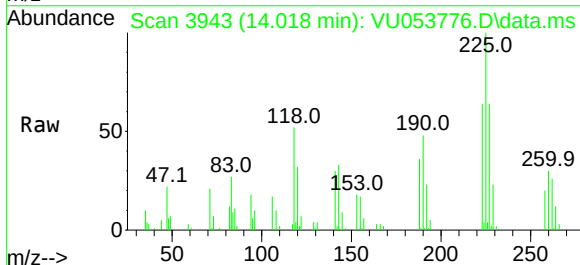
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

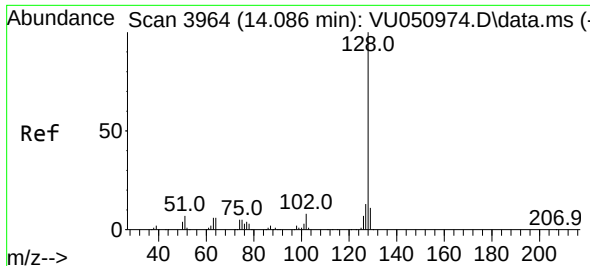
Tgt Ion:180 Resp: 25983
Ion Ratio Lower Upper
180 100
182 96.9 75.8 113.6
145 30.9 23.9 35.9



#88
Hexachlorobutadiene
Concen: 2.609 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion:225 Resp: 14537
Ion Ratio Lower Upper
225 100
223 61.4 50.2 75.4
227 64.6 51.5 77.3

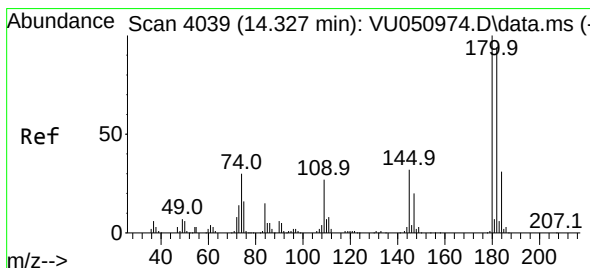
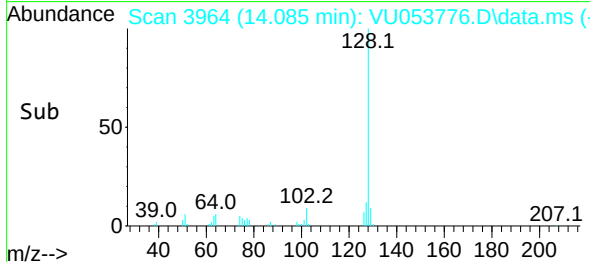
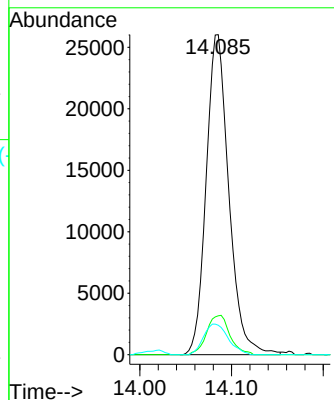
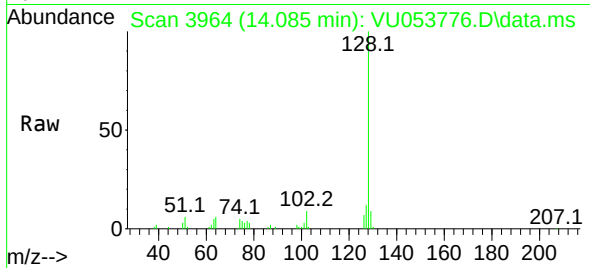




#89
Naphthalene
Concen: 2.010 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:128 Resp: 44750
Ion Ratio Lower Upper
128 100
127 12.6 10.9 16.3
129 10.4 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 2.483 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU053776.D
Acq: 19 Apr 2023 11:22

Tgt Ion:180 Resp: 24735
Ion Ratio Lower Upper
180 100
182 89.4 75.7 113.5
145 32.5 26.1 39.1

