

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053775.D
 Acq On : 19 Apr 2023 10:52
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Quant Time: Apr 20 08:07:12 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	29696	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	12879	1.190	ug/l	0.00
Spiked Amount 1.000			Recovery	=	119.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	13813	1.224	ug/l	0.00
Spiked Amount 1.000			Recovery	=	122.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	8510	0.821	ug/l	94
3) Chloromethane	1.523	50	7106	0.683	ug/l	94
4) Vinyl Chloride	1.604	62	9038	0.814	ug/l	98
5) Bromomethane	1.848	94	7031	0.751	ug/l	98
6) Chloroethane	1.932	64	5354	0.746	ug/l	90
7) Trichlorofluoromethane	2.134	101	14417	0.847	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	9796	1.099	ug/l	92
9) 1,1-Dichloroethene	2.578	96	7765	0.979	ug/l	90
10) Iodomethane	2.720	142	5809	0.716	ug/l	97
11) Allyl Chloride	2.919	41	9273	1.043	ug/l	94
12) Acrylonitrile	3.311	53	3739	2.327	ug/l	99
13) Acetone	2.620	43	13161	4.283	ug/l	95
14) Carbon Disulfide	2.790	76	12730	0.575	ug/l	97
15) Methylene Chloride	3.041	84	15552	0.833	ug/l	85
16) trans-1,2-Dichloroethene	3.350	96	8339	1.016	ug/l	86
17) 1,1-Dichloroethane	3.861	63	17572	1.152	ug/l	98
18) 2-Butanone	4.713	43	16206	5.077	ug/l	93
19) Cyclohexane	5.375	56	10939	0.913	ug/l	# 89
20) Methylcyclohexane	6.755	83	10806	0.746	ug/l	92
21) 2,2-Dichloropropane	4.658	77	16501	1.250	ug/l	99
22) cis-1,2-Dichloroethene	4.655	96	11233	1.239	ug/l	92
23) Diethyl Ether	2.376	59	5508	0.885	ug/l	86
24) tert-Butyl Alcohol	3.183	59	29190	47.017	ug/l	# 1
25) Methyl tert-Butyl Ether	3.363	73	21280	1.170	ug/l	96
26) Bromochloromethane	4.967	128	4422	1.180	ug/l	92
27) Chloroform	5.083	83	18954	1.186	ug/l	92
28) 1,1,1-Trichloroethane	5.308	97	15549	1.136	ug/l	98
29) 1,1-Dichloropropene	5.517	75	9551	0.855	ug/l	96
30) Carbon Tetrachloride	5.514	117	10931	1.032	ug/l	95
31) Isopropyl Ether	3.996	45	24492	1.158	ug/l	93
32) Ethyl-t-butyl ether	4.507	59	25047	1.153	ug/l	93
33) Tert-Amyl methyl ether	5.944	73	18296	0.982	ug/l	98
34) Propionitrile	4.774	54	3799	7.088	ug/l	# 7
35) Benzene	5.764	78	30631	0.926	ug/l	98
36) 1,2-Dichloroethane	5.790	62	9613	0.995	ug/l	99
37) Trichloroethene	6.536	130	8681	1.024	ug/l	92
38) 1,2-Dichloropropane	6.790	63	9028	1.046	ug/l	100
39) Methacrylonitrile	4.977	41	3119	1.403	ug/l	# 64
40) Methyl acrylate	4.845	55	5343	1.317	ug/l	# 98
41) Tetrahydrofuran	5.060	42	3203	2.821	ug/l	# 85
42) 1-Chlorobutane	5.449	56	13518	0.904	ug/l	99
43) Dibromomethane	6.916	93	4166	1.007	ug/l	93
44) Bromodichloromethane	7.102	83	10305	0.994	ug/l	96

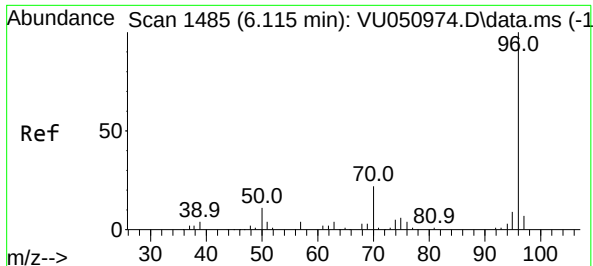
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Apr 20 08:05:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	21097	4.879	ug/l	96
46) t-1,4-Dichloro-2-butene	10.819	75	10080	4.312	ug/l #	41
47) Methyl methacrylate	6.967	69	6914	1.814	ug/l	96
48) Ethyl methacrylate	8.337	69	6476	0.879	ug/l	96
49) Toluene	7.967	92	18767	0.920	ug/l	96
50) t-1,3-Dichloropropene	8.208	75	9831	1.028	ug/l	97
51) cis-1,3-Dichloropropene	7.607	75	10927	0.929	ug/l	94
52) 1,1,2-Trichloroethane	8.398	97	6627	1.081	ug/l	95
53) 1,3-Dichloropropane	8.571	76	10570	1.018	ug/l	99
54) 2-Hexanone	8.687	43	17669	3.879	ug/l	99
55) Dibromochloromethane	8.806	129	6931	1.103	ug/l	98
56) 1,2-Dibromoethane	8.919	107	5791	1.033	ug/l	90
58) Tetrachloroethene	8.549	164	8235	1.035	ug/l	95
59) Chlorobenzene	9.443	112	22638	0.986	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.530	131	8231	1.143	ug/l	97
61) Pentachloroethane	11.423	117	6328	1.212	ug/l	99
62) Hexachloroethane	12.472	117	5712	1.001	ug/l	99
63) Ethyl Benzene	9.568	91	35084	0.884	ug/l	97
64) m/p-Xylenes	9.690	106	26050	1.707	ug/l	97
65) o-Xylene	10.099	106	13471	0.897	ug/l	99
66) Styrene	10.112	104	19607	0.844	ug/l	96
67) Bromoform	10.288	173	3434	1.135	ug/l #	94
69) Isopropylbenzene	10.481	105	34685	0.882	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.780	83	8345	1.117	ug/l	97
71) 1,2,3-Trichloropropane	10.819	75	10080	1.775	ug/l #	48
72) Bromobenzene	10.780	156	8696	1.017	ug/l	92
73) n-propylbenzene	10.902	120	10230	0.971	ug/l	82
74) 2-Chlorotoluene	10.983	126	9067	0.986	ug/l	95
75) 1,3,5-Trimethylbenzene	11.086	105	28705	0.861	ug/l	95
76) 4-Chlorotoluene	11.095	126	9010	0.935	ug/l	93
77) tert-Butylbenzene	11.417	119	29294	0.931	ug/l	98
78) 1,2,4-Trimethylbenzene	11.465	105	29224	0.855	ug/l	92
79) sec-Butylbenzene	11.639	105	40284	0.901	ug/l	98
80) Nitrobenzene	13.211	77	1124	5.630	ug/l #	78
81) p-Isopropyltoluene	11.790	119	32769	0.923	ug/l	98
82) 1,3-Dichlorobenzene	11.742	146	20022	1.095	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	20144	1.084	ug/l	96
84) n-Butylbenzene	12.205	91	29434	0.851	ug/l	98
85) 1,2-Dichlorobenzene	12.211	146	19288	1.098	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	1140	0.999	ug/l	87
87) 1,2,4-Trichlorobenzene	13.838	180	11539	1.104	ug/l	98
88) Hexachlorobutadiene	14.018	225	7096	1.367	ug/l	96
89) Naphthalene	14.086	128	19155	0.923	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	10581	1.140	ug/l	97

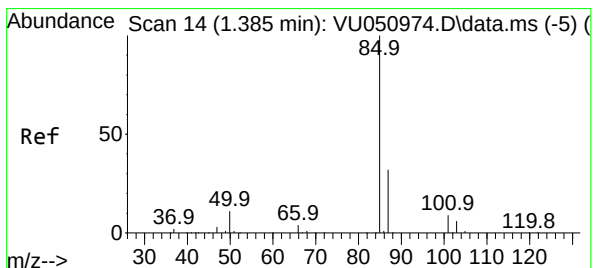
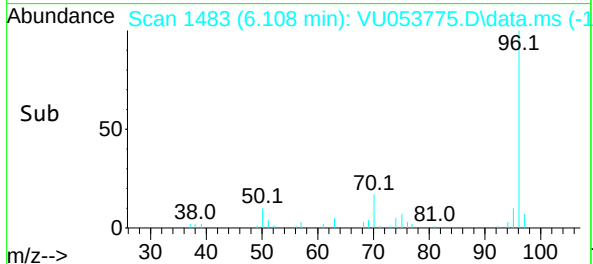
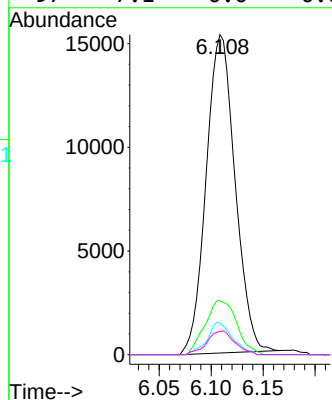
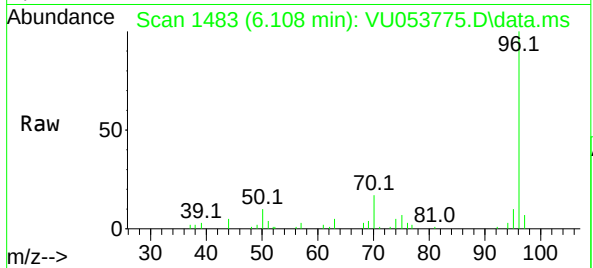
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU053775.D
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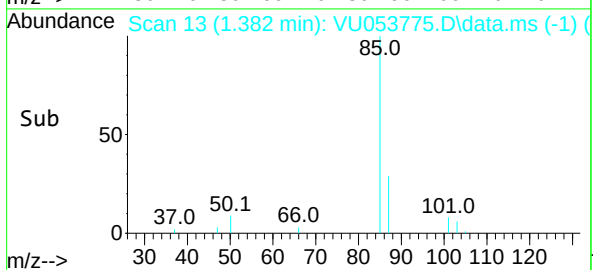
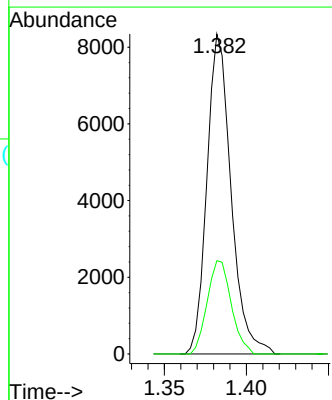
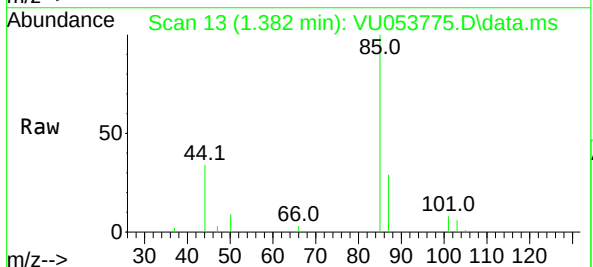
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

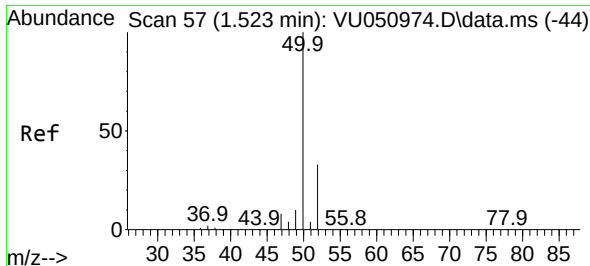
Tgt Ion: 96	Resp: 29696
Ion Ratio	Lower Upper
96 100	
70 18.6	16.5 24.7
95 8.9	7.4 11.0
97 7.1	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.821 ug/l
RT: 1.382 min Scan# 13
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion: 85	Resp: 8510
Ion Ratio	Lower Upper
85 100	
87 29.2	16.2 48.6

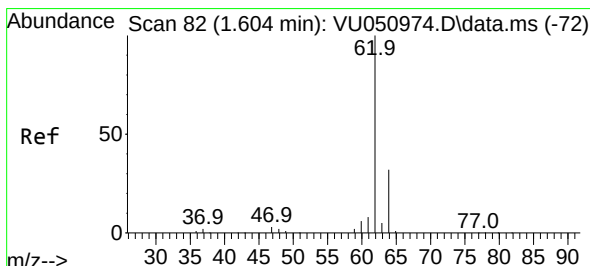
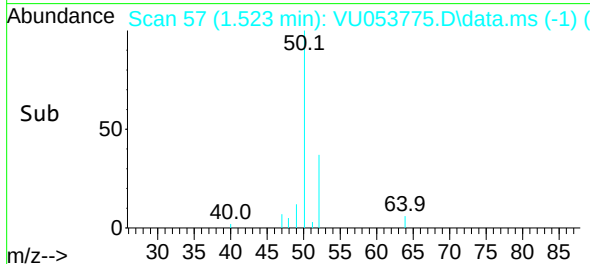
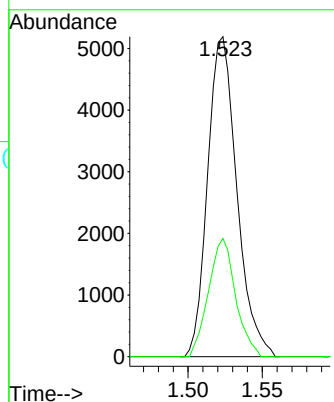
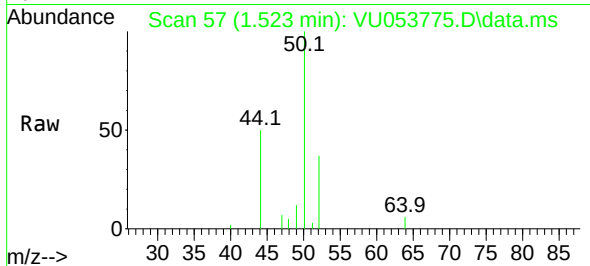




#3
Chloromethane
Concen: 0.683 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

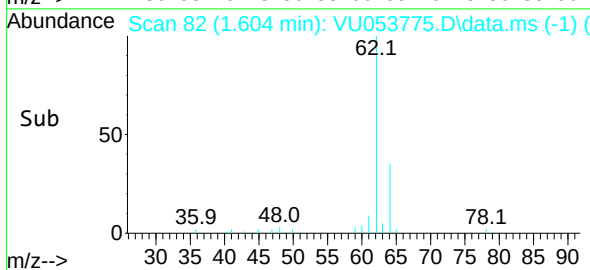
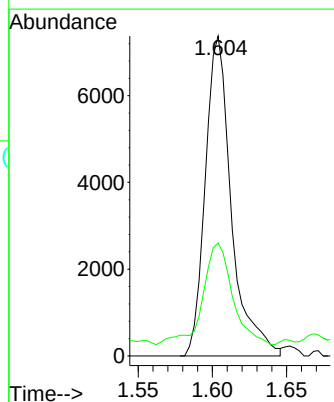
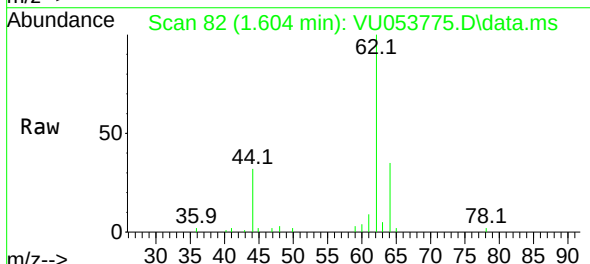
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MSVOA_U
ClientSampleId :
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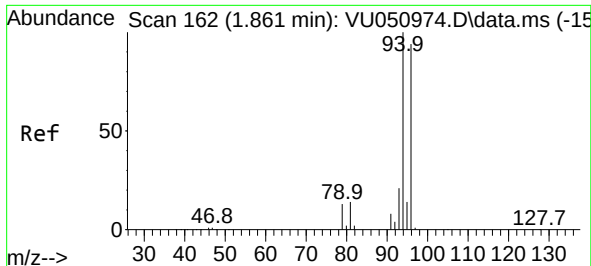
Tgt Ion: 50 Resp: 7106
Ion Ratio Lower Upper
50 100
52 36.9 26.6 40.0



#4
Vinyl Chloride
Concen: 0.814 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion: 62 Resp: 9038
Ion Ratio Lower Upper
62 100
64 30.9 25.4 38.2

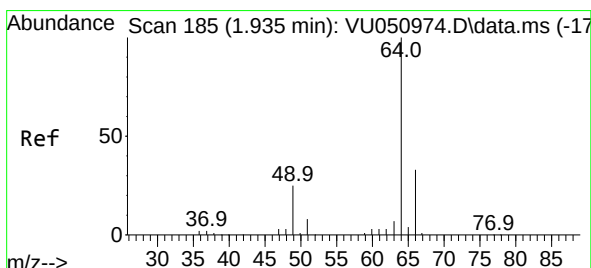
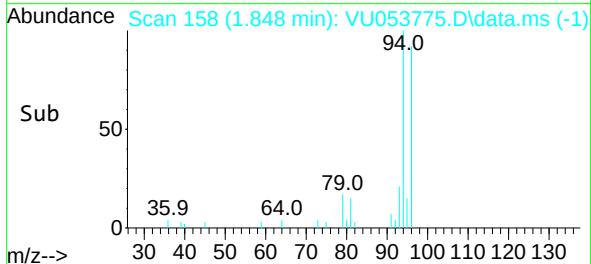
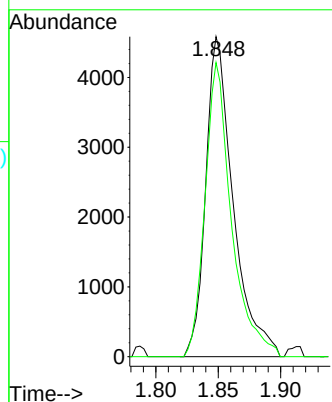
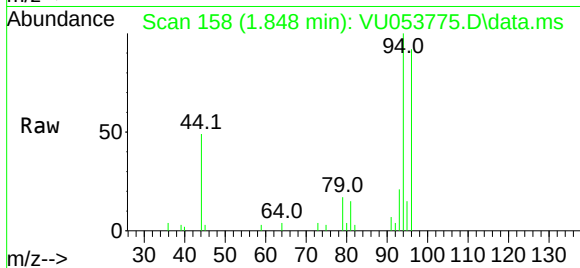




#5
Bromomethane
Concen: 0.751 ug/l
RT: 1.848 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

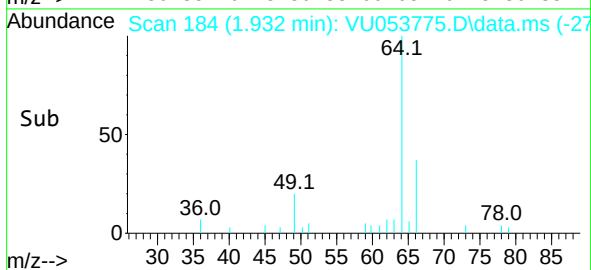
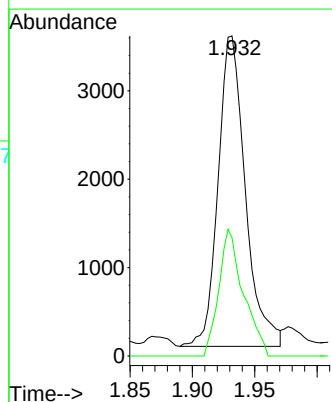
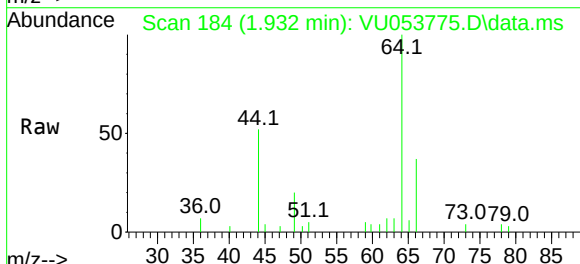
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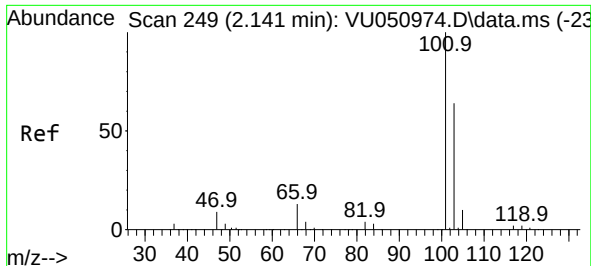
Tgt Ion: 94 Resp: 7031
Ion Ratio Lower Upper
94 100
96 91.9 75.4 113.2



#6
Chloroethane
Concen: 0.746 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion: 64 Resp: 5354
Ion Ratio Lower Upper
64 100
66 38.1 26.0 39.0

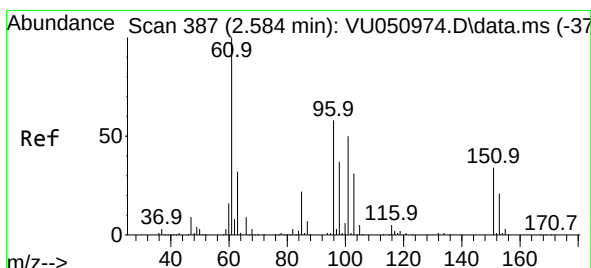
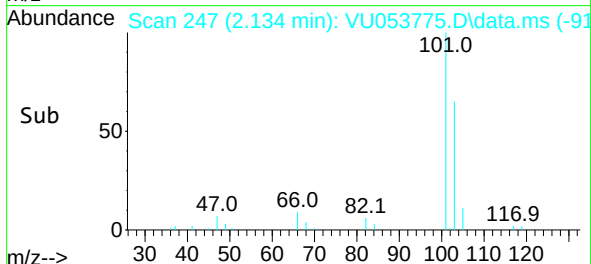
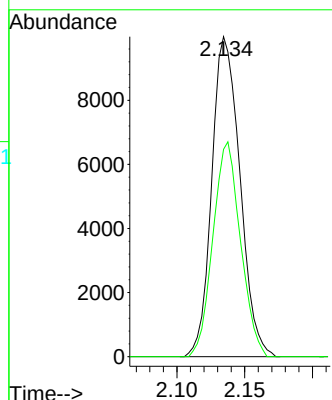
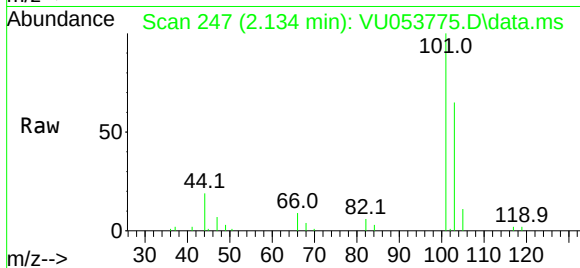




#7
Trichlorofluoromethane
Concen: 0.847 ug/l
RT: 2.134 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

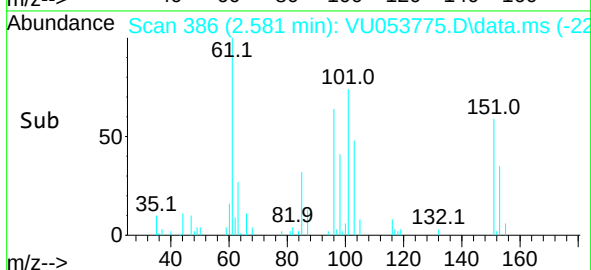
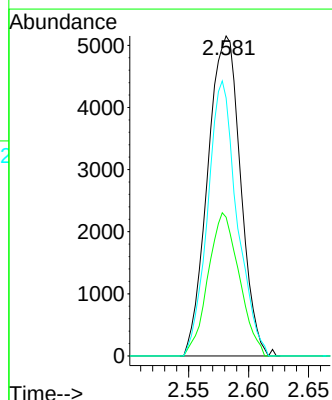
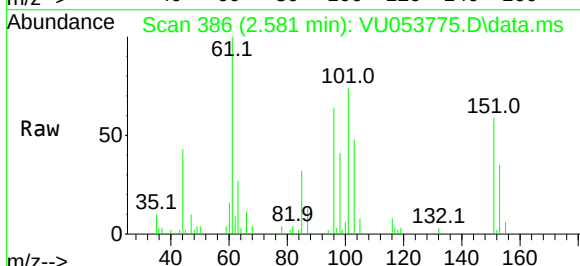
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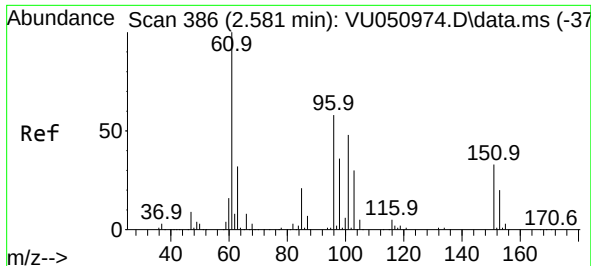
Tgt Ion:101 Resp: 14417
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.0



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.099 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU053775.D
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Tgt Ion:101 Resp: 9796
Ion Ratio Lower Upper
101 100
85 42.5 35.4 53.0
151 77.2 54.0 81.0

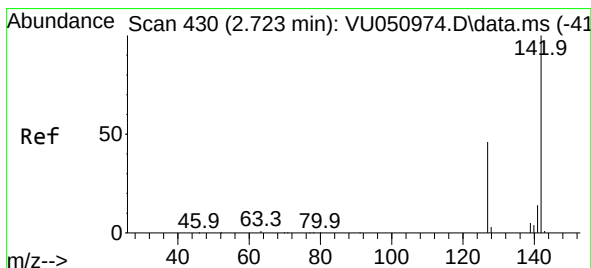
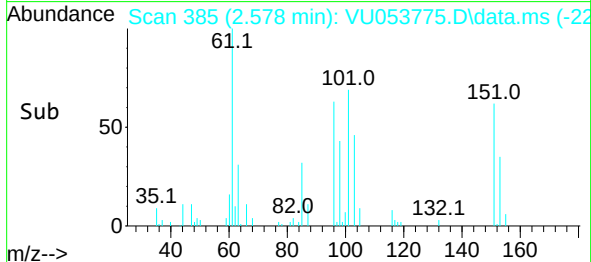
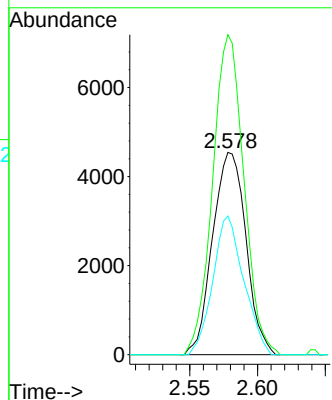
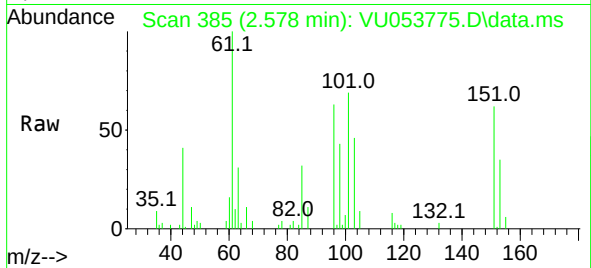




#9
1,1-Dichloroethene
Concen: 0.979 ug/l
RT: 2.578 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

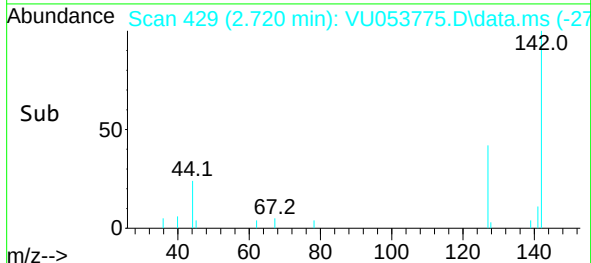
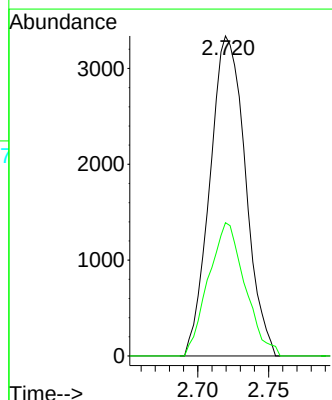
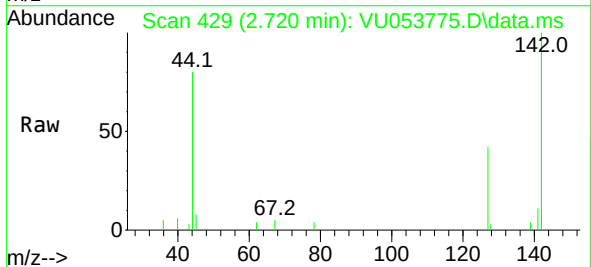
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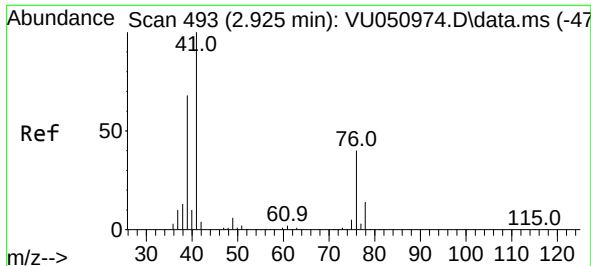
Tgt Ion: 96 Resp: 7765
Ion Ratio Lower Upper
96 100
61 158.2 0.0 521.4
98 68.6 0.0 125.8



#10
Iodomethane
Concen: 0.716 ug/l
RT: 2.720 min Scan# 429
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion: 142 Resp: 5809
Ion Ratio Lower Upper
142 100
127 43.1 35.9 53.9





#11

Allyl Chloride

Concen: 1.043 ug/l

RT: 2.919 min Scan# 491

Delta R.T. 0.000 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

Instrument :

MSVOA_U

ClientSampleId :

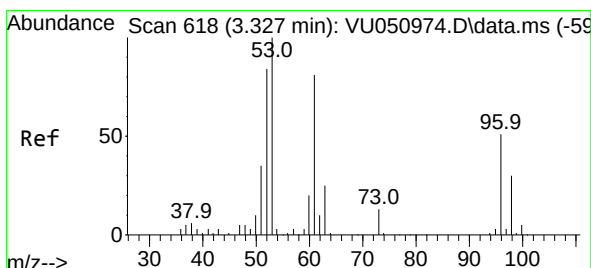
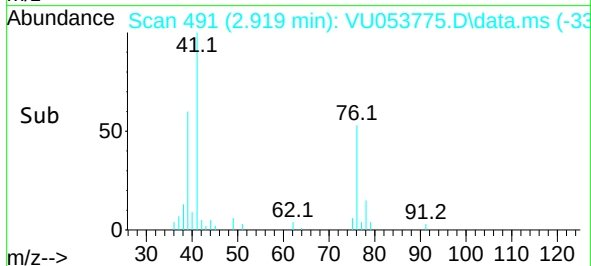
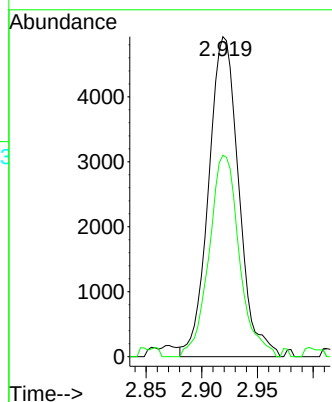
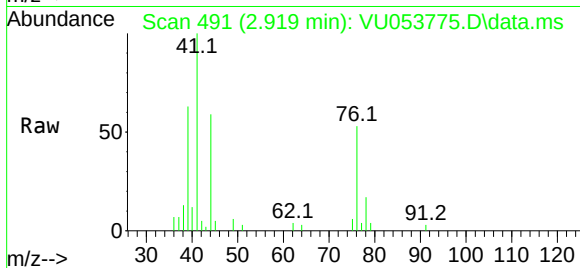
VSTDICC001

Tgt Ion: 41 Resp: 9273

Ion Ratio Lower Upper

41 100

39 63.0 54.2 81.2



#12

Acrylonitrile

Concen: 2.327 ug/l

RT: 3.311 min Scan# 613

Delta R.T. 0.003 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

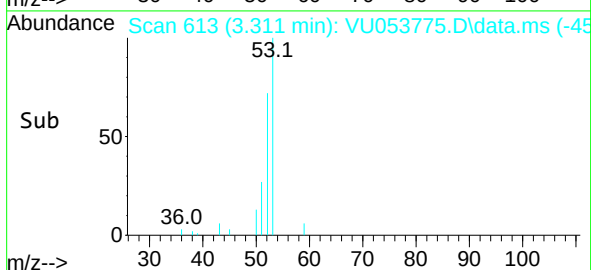
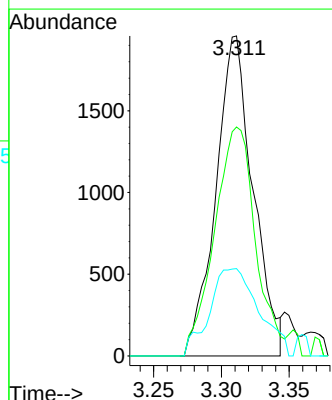
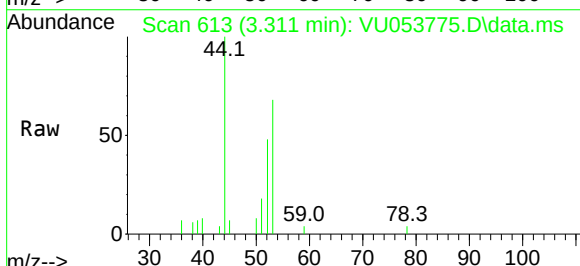
Tgt Ion: 53 Resp: 3739

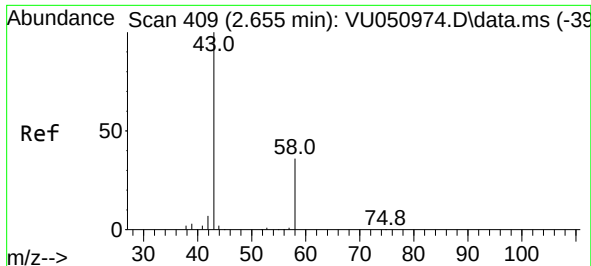
Ion Ratio Lower Upper

53 100

52 78.6 62.9 94.3

51 36.0 27.8 41.6





#13

Acetone

Concen: 4.283 ug/l

RT: 2.620 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

Instrument :

MSVOA_U

ClientSampleId :

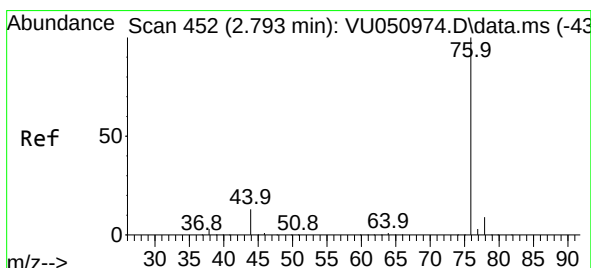
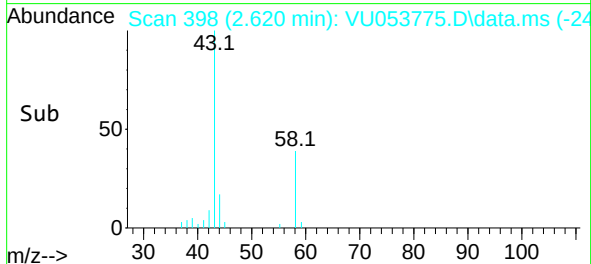
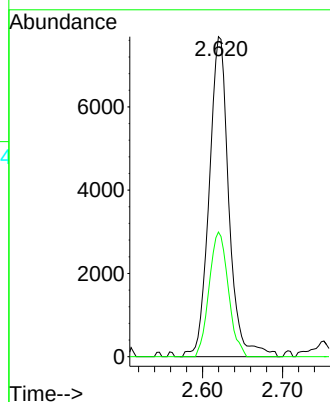
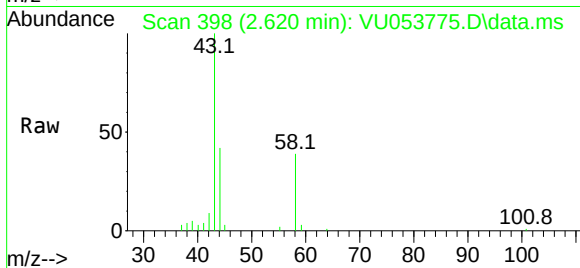
VSTDICC001

Tgt Ion: 43 Resp: 13161

Ion Ratio Lower Upper

43 100

58 38.9 29.0 43.4



#14

Carbon Disulfide

Concen: 0.575 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU053775.D

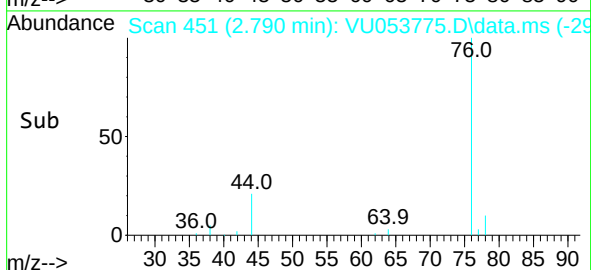
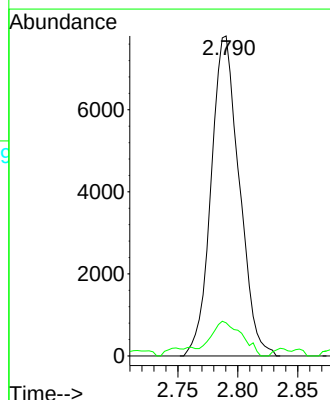
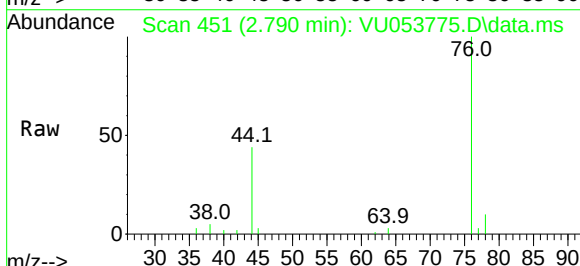
Acq: 19 Apr 2023 10:52

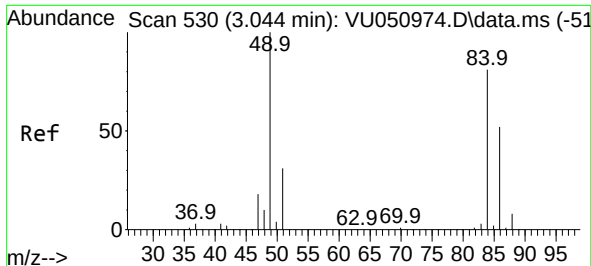
Tgt Ion: 76 Resp: 12730

Ion Ratio Lower Upper

76 100

78 8.2 7.4 11.0

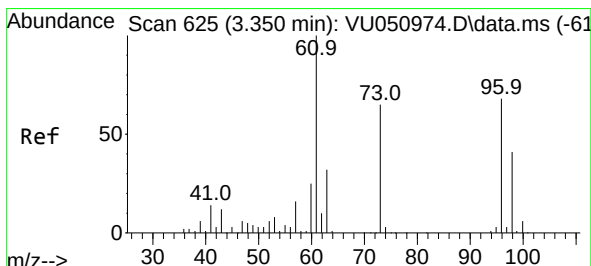
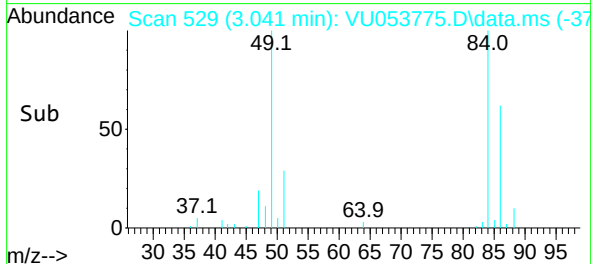
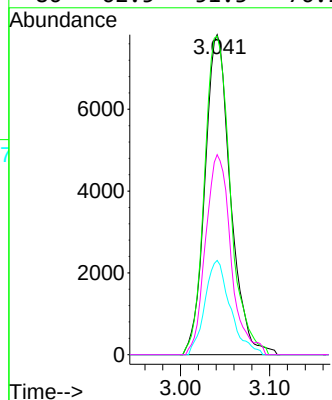
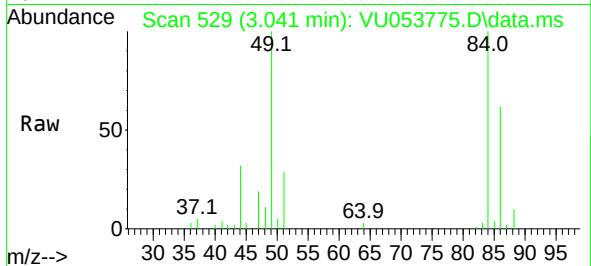




#15
Methylene Chloride
Concen: 0.833 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

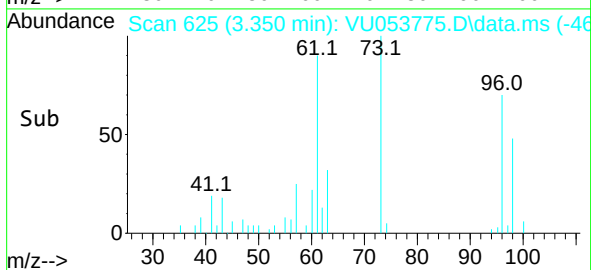
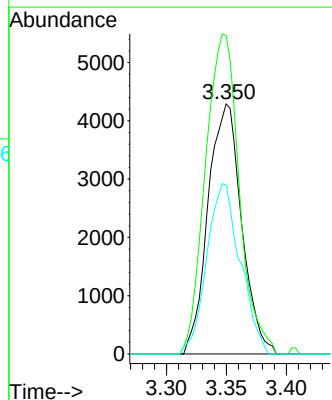
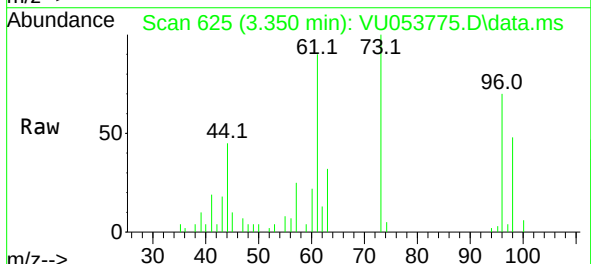
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

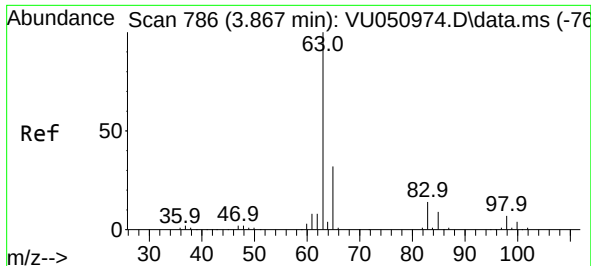
Tgt Ion:	84	Resp:	15552
Ion	Ratio	Lower	Upper
84	100		
49	99.6	98.9	148.3
51	29.5	0.0	75.4
86	62.5	51.3	76.9



#16
trans-1,2-Dichloroethene
Concen: 1.016 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.003 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion:	96	Resp:	8339
Ion	Ratio	Lower	Upper
96	100		
61	127.4	117.5	176.3
98	67.6	48.3	72.5

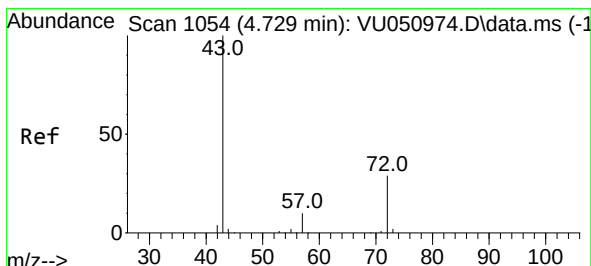
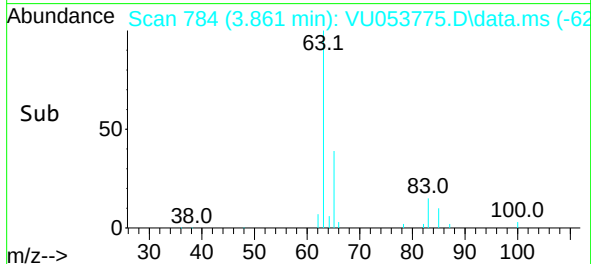
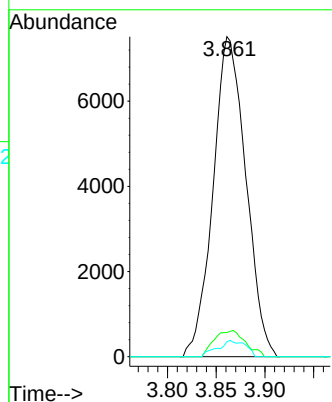
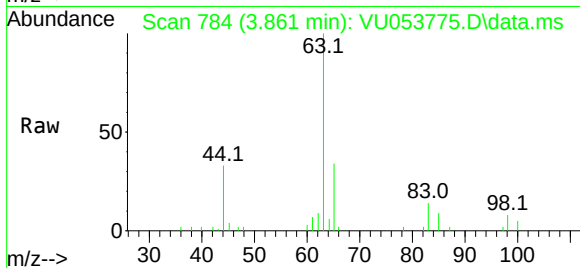




#17
1,1-Dichloroethane
Concen: 1.152 ug/l
RT: 3.861 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

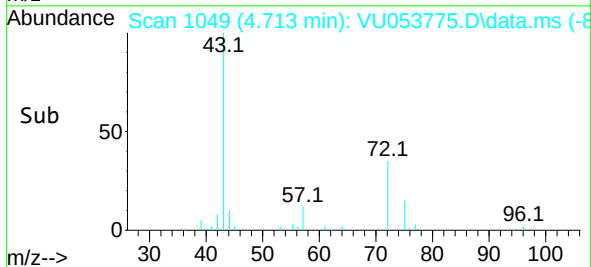
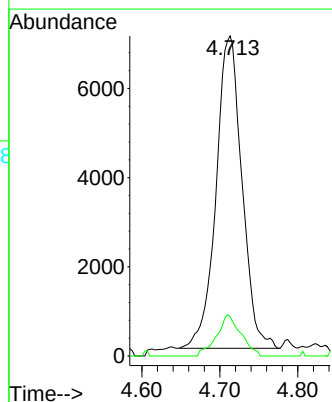
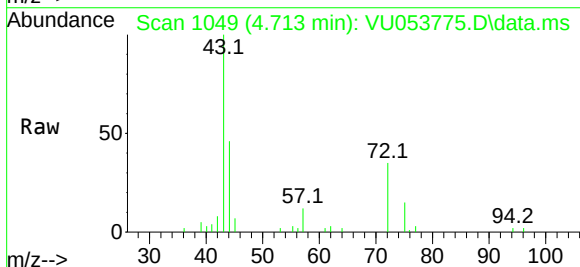
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

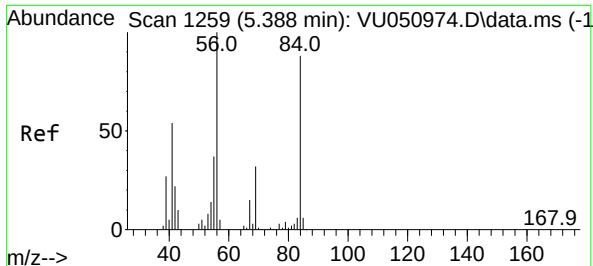
Tgt Ion: 63 Resp: 17572
Ion Ratio Lower Upper
63 100
98 7.6 3.4 10.1
100 4.7 2.2 6.6



#18
2-Butanone
Concen: 5.077 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion: 43 Resp: 16206
Ion Ratio Lower Upper
43 100
57 12.5 0.0 19.6





#19

Cyclohexane

Concen: 0.913 ug/l

RT: 5.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

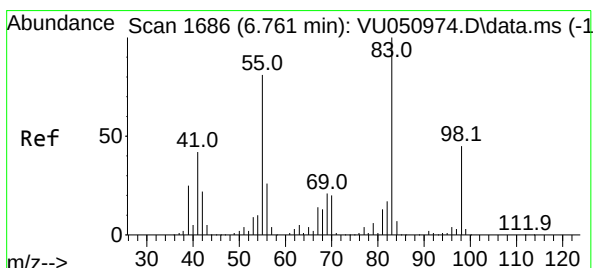
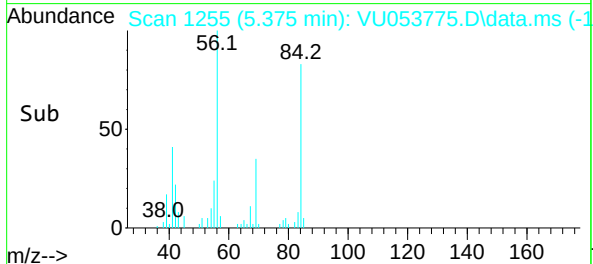
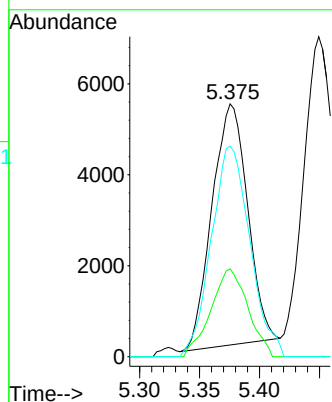
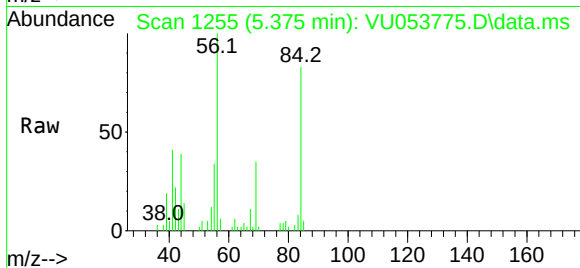
Tgt Ion: 56 Resp: 10939

Ion Ratio Lower Upper

56 100

69 37.8 24.6 37.0#

84 94.7 68.4 102.6



#20

Methylcyclohexane

Concen: 0.746 ug/l

RT: 6.755 min Scan# 1684

Delta R.T. 0.000 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

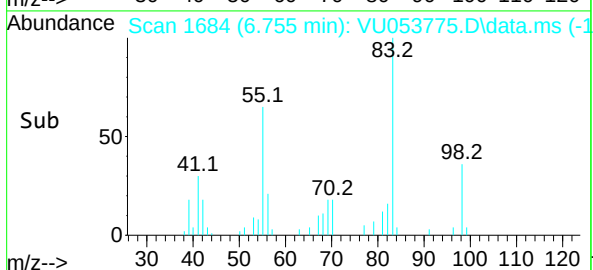
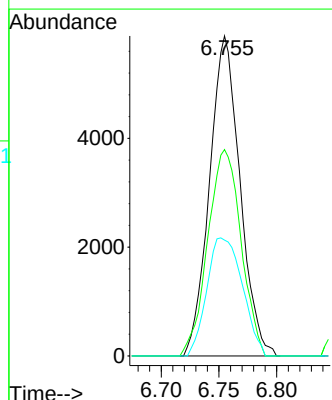
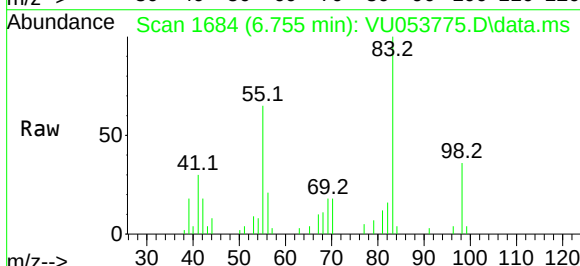
Tgt Ion: 83 Resp: 10806

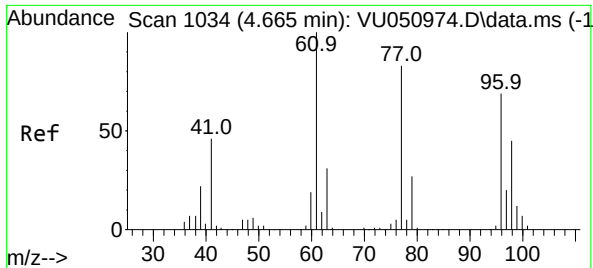
Ion Ratio Lower Upper

83 100

55 70.2 63.5 95.3

98 42.9 36.0 54.0

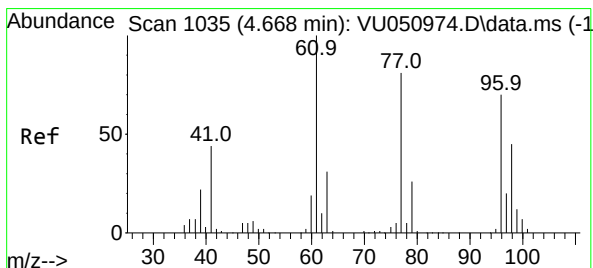
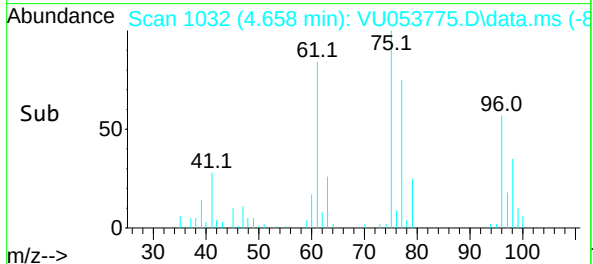
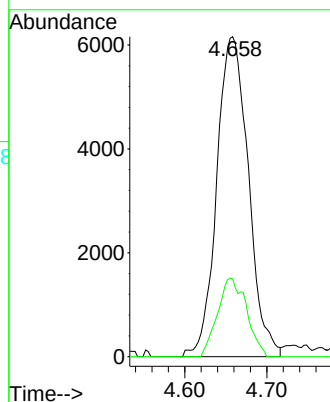
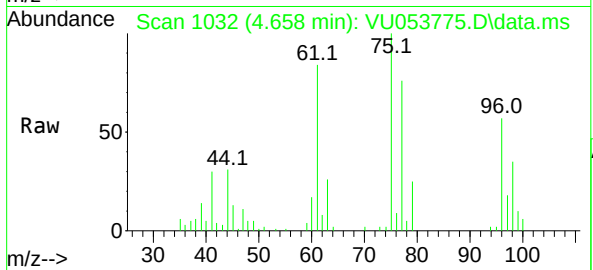




#21
2,2-Dichloropropane
Concen: 1.250 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

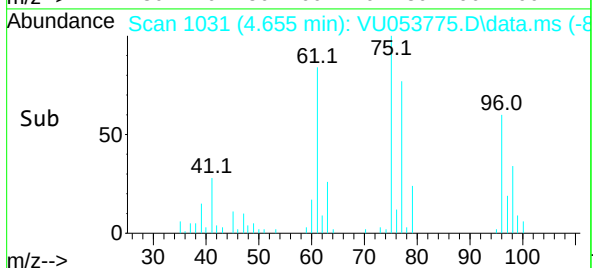
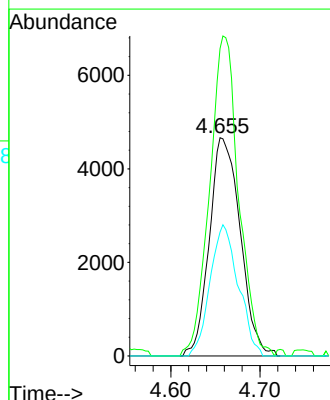
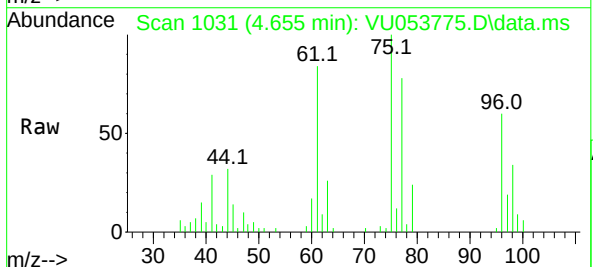
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

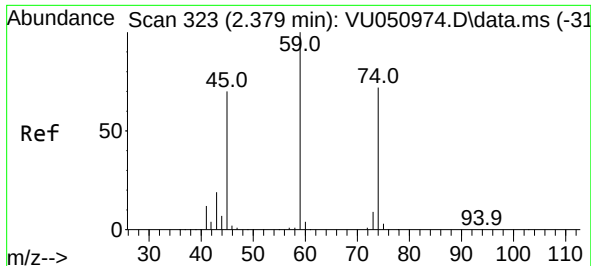
Tgt Ion: 77 Resp: 16501
Ion Ratio Lower Upper
77 100
97 22.5 18.4 27.6



#22
cis-1,2-Dichloroethene
Concen: 1.239 ug/l
RT: 4.655 min Scan# 1031
Delta R.T. -0.003 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion: 96 Resp: 11233
Ion Ratio Lower Upper
96 100
61 138.0 0.0 365.8
98 55.1 32.0 96.0





#23

Diethyl Ether

Concen: 0.885 ug/l

RT: 2.376 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

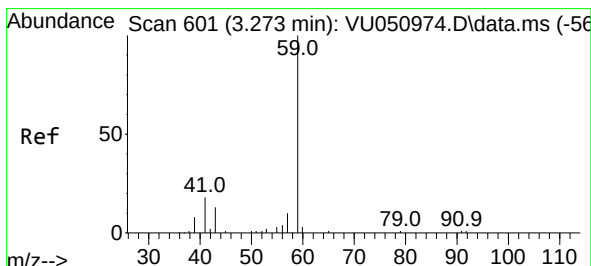
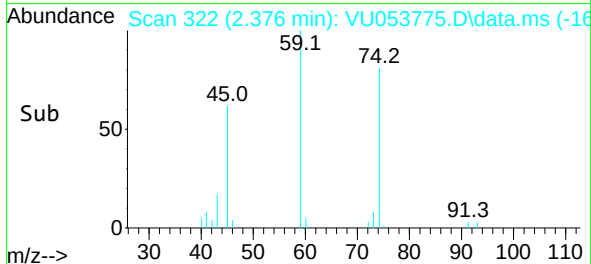
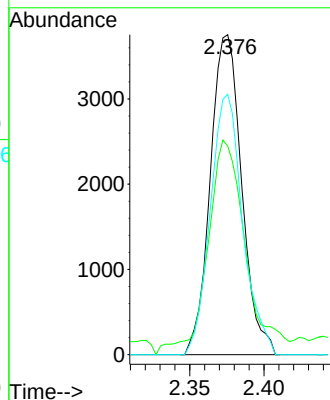
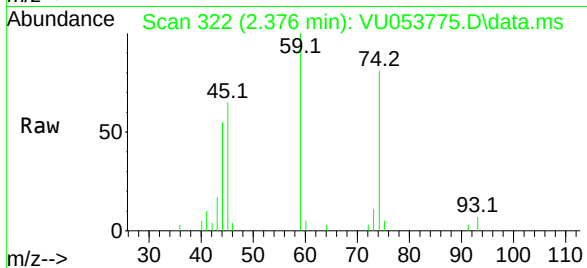
Tgt Ion: 59 Resp: 5508

Ion Ratio Lower Upper

59 100

45 81.2 56.1 84.1

74 83.8 57.4 86.2



#24

tert-Butyl Alcohol

Concen: 47.017 ug/l

RT: 3.183 min Scan# 573

Delta R.T. -0.006 min

Lab File: VU053775.D

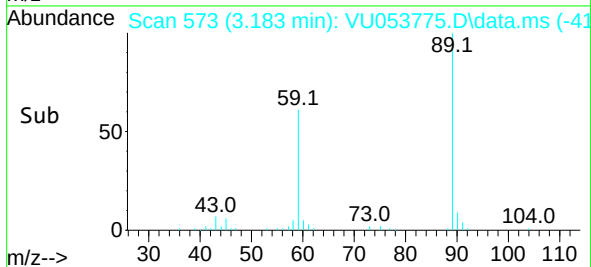
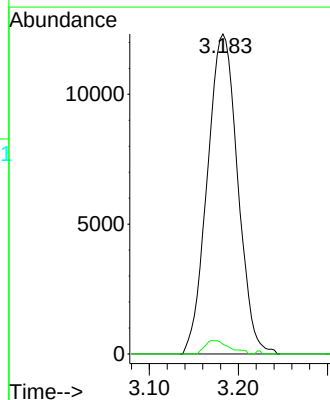
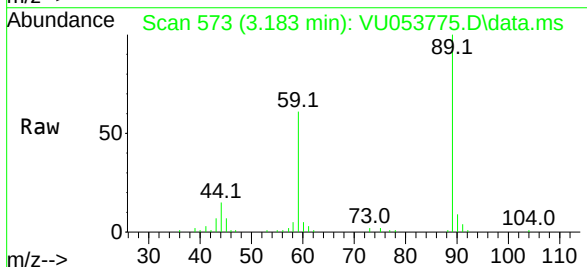
Acq: 19 Apr 2023 10:52

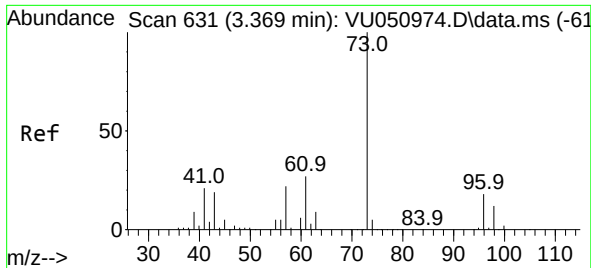
Tgt Ion: 59 Resp: 29190

Ion Ratio Lower Upper

59 100

57 3.3 105.6 158.4#

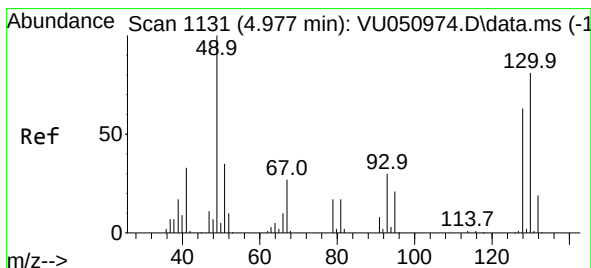
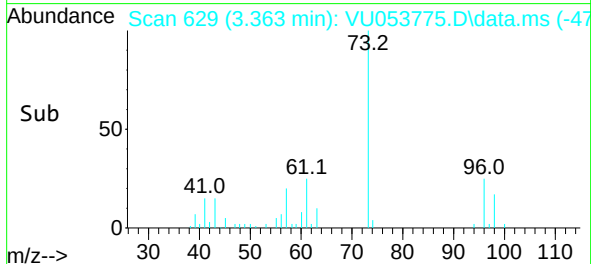
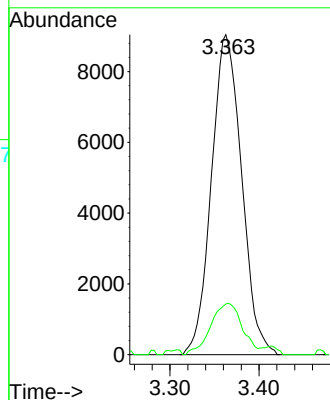
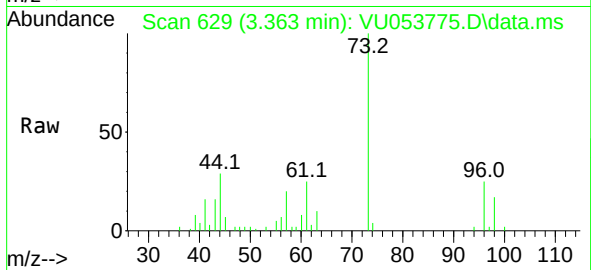




#25
Methyl tert-Butyl Ether
Concen: 1.170 ug/l
RT: 3.363 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

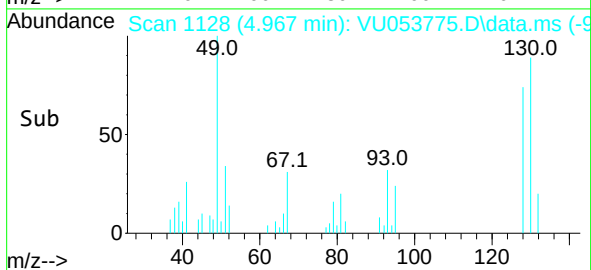
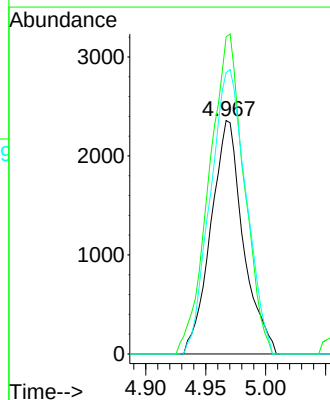
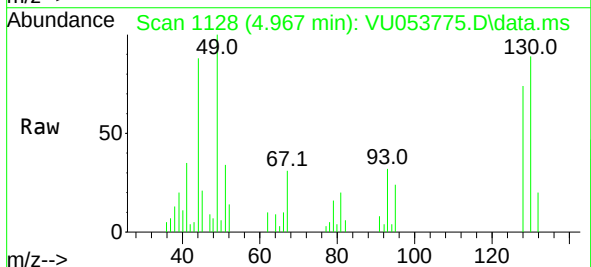
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

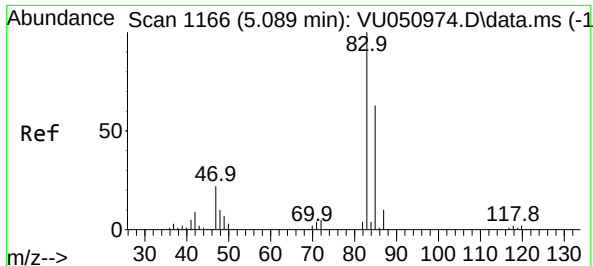
Tgt Ion: 73 Resp: 21280
Ion Ratio Lower Upper
73 100
43 16.9 15.0 22.6



#26
Bromochloromethane
Concen: 1.180 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion: 128 Resp: 4422
Ion Ratio Lower Upper
128 100
49 147.5 0.0 324.6
130 134.4 103.0 154.4





#27

Chloroform

Concen: 1.186 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

Instrument :

MSVOA_U

ClientSampleId :

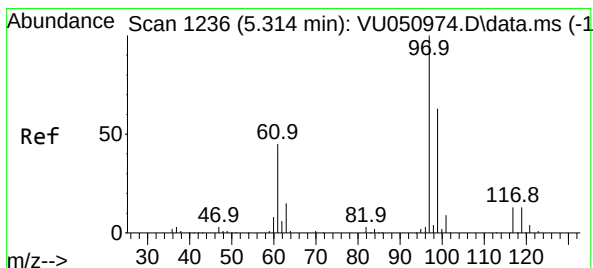
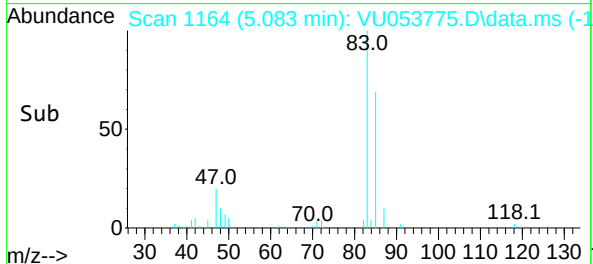
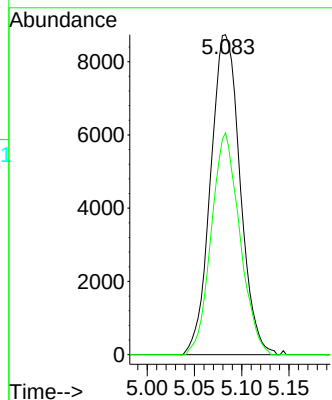
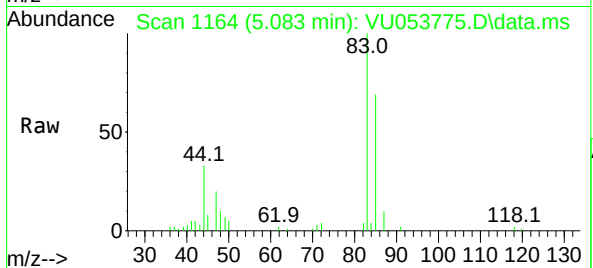
VSTDIC001

Tgt Ion: 83 Resp: 18954

Ion Ratio Lower Upper

83 100

85 69.3 0.0 126.4



#28

1,1,1-Trichloroethane

Concen: 1.136 ug/l

RT: 5.308 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

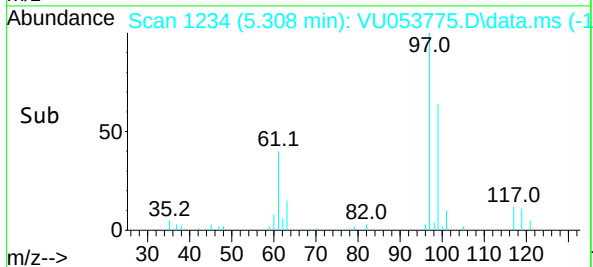
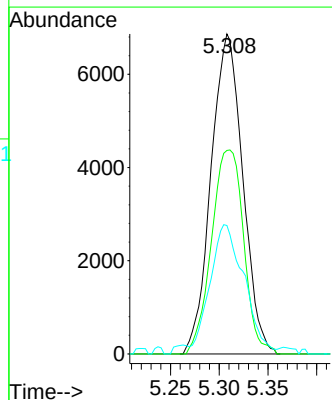
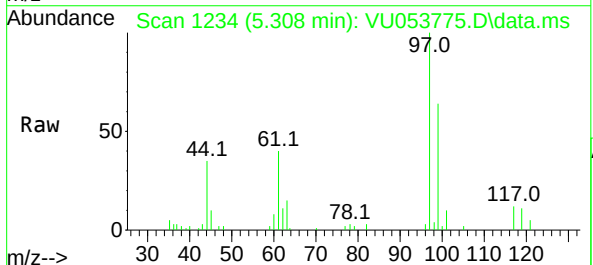
Tgt Ion: 97 Resp: 15549

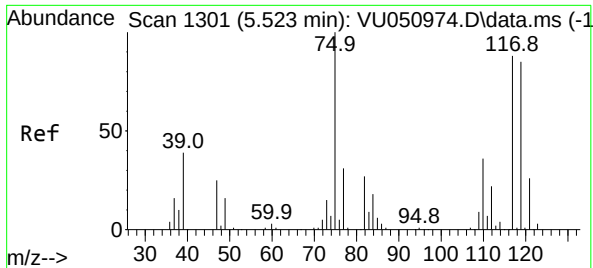
Ion Ratio Lower Upper

97 100

99 64.7 32.0 96.2

61 43.4 22.9 68.5

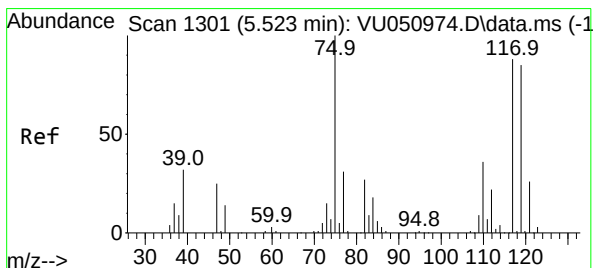
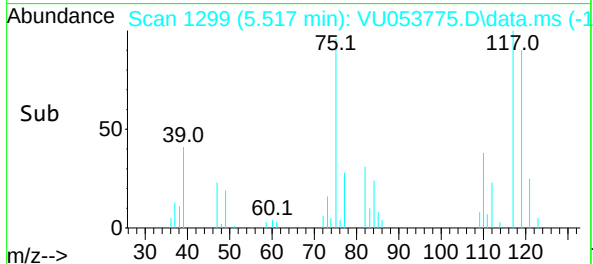
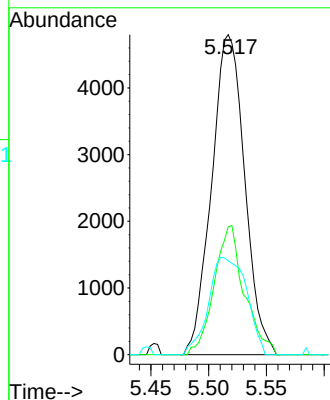
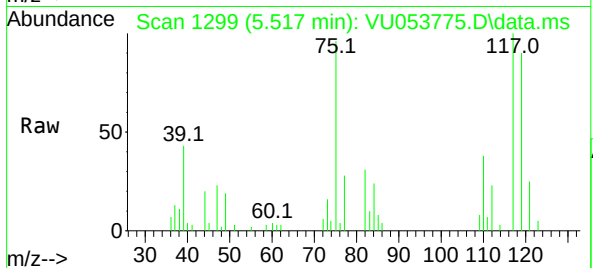




#29
1,1-Dichloropropene
Concen: 0.855 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

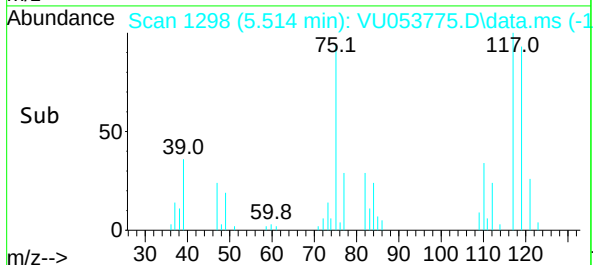
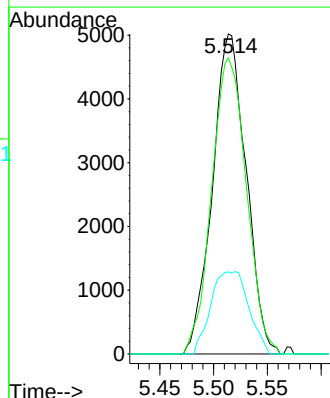
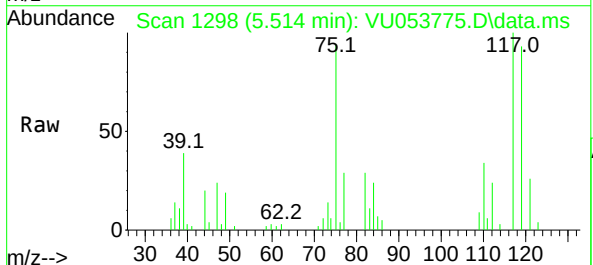
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

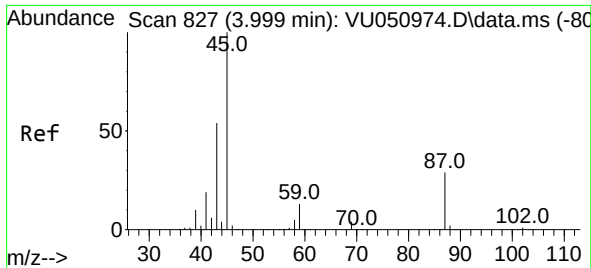
Tgt Ion: 75	Resp:	9551
Ion	Ratio	Lower Upper
75	100	
110	36.9	18.0 54.0
77	34.9	24.7 37.1



#30
Carbon Tetrachloride
Concen: 1.032 ug/l
RT: 5.514 min Scan# 1298
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion: 117	Resp:	10931
Ion	Ratio	Lower Upper
117	100	
119	92.5	77.4 116.0
121	25.7	24.0 36.0

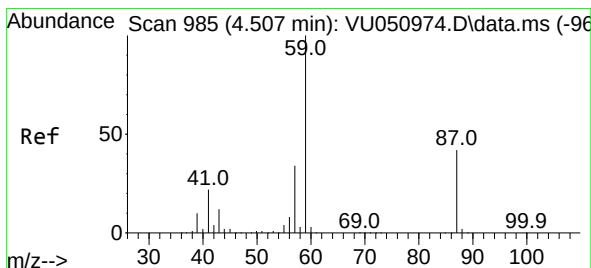
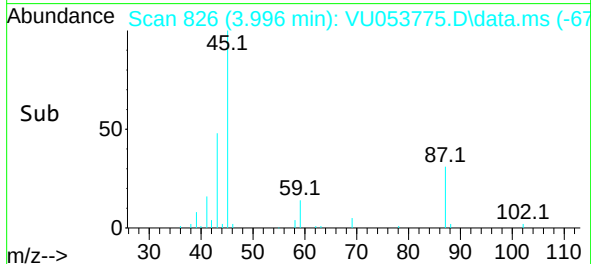
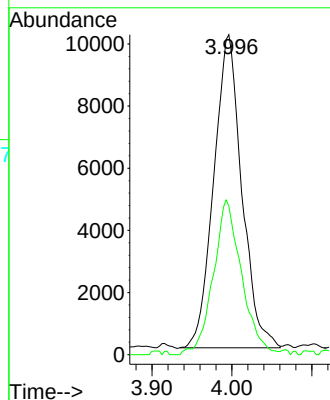
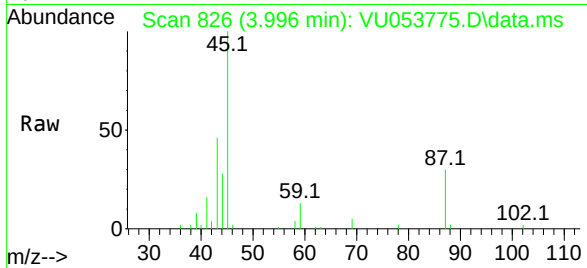




#31
Isopropyl Ether
Concen: 1.158 ug/l
RT: 3.996 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

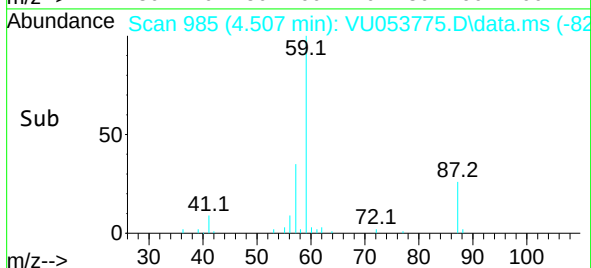
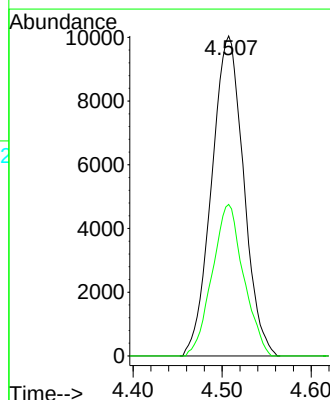
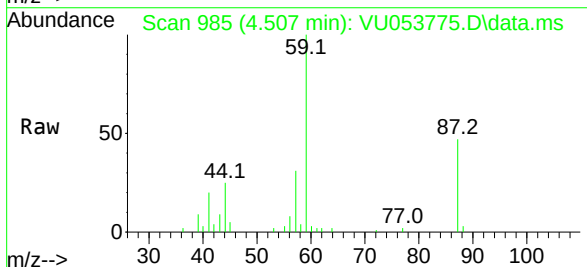
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

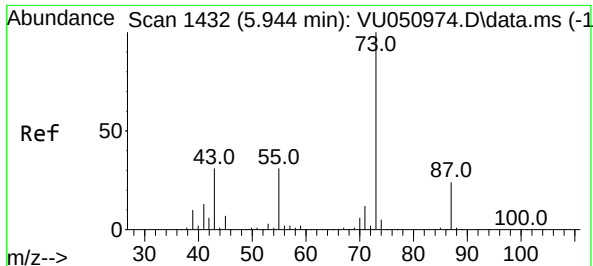
Tgt Ion: 45 Resp: 24492
Ion Ratio Lower Upper
45 100
43 49.8 27.5 82.5



#32
Ethyl-t-butyl ether
Concen: 1.153 ug/l
RT: 4.507 min Scan# 985
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion: 59 Resp: 25047
Ion Ratio Lower Upper
59 100
87 46.5 33.5 50.3

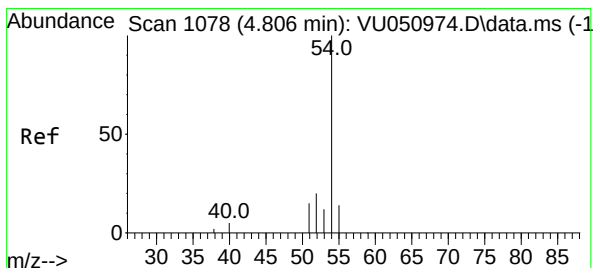
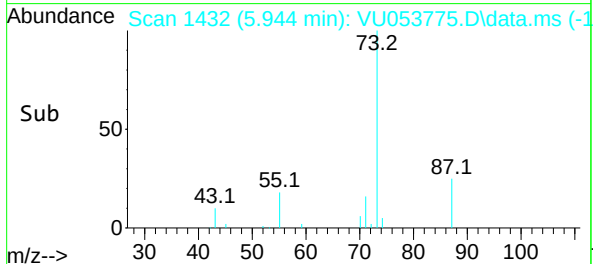
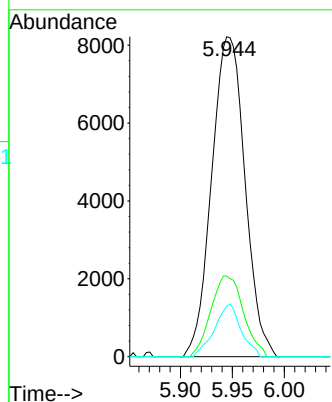
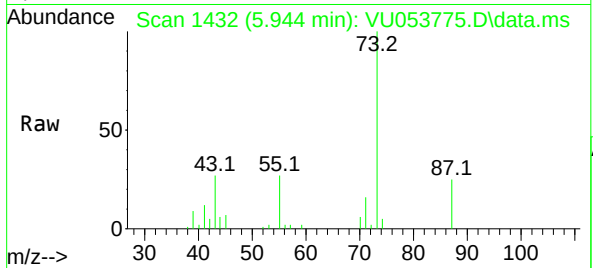




#33
Tert-Amyl methyl ether
Concen: 0.982 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

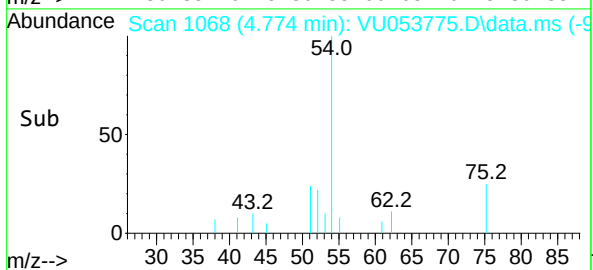
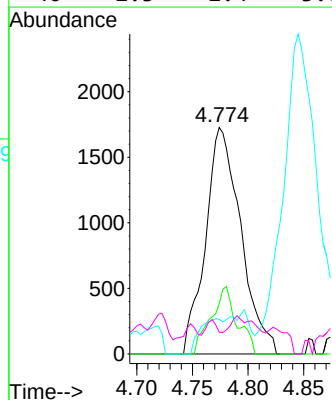
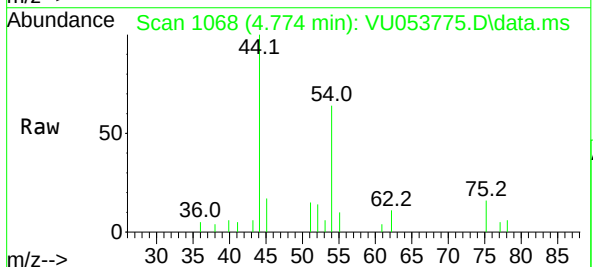
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

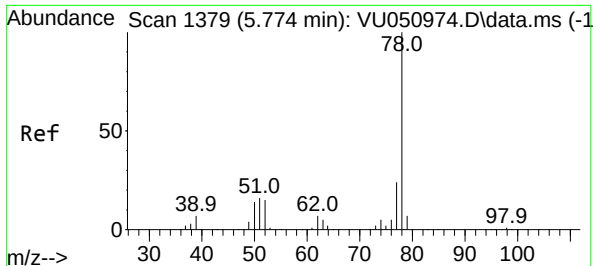
Tgt Ion: 73	Resp:	18296
Ion	Ratio	Lower Upper
73	100	
87	24.7	18.6 28.0
71	13.1	9.9 14.9



#34
Propionitrile
Concen: 7.088 ug/l
RT: 4.774 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion: 54	Resp:	3799
Ion	Ratio	Lower Upper
54	100	
52	0.0	17.4 26.0#
55	10.1	104.1 156.1#
40	2.3	2.4 3.6#





#35

Benzene

Concen: 0.926 ug/l

RT: 5.764 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

Instrument :

MSVOA_U

ClientSampleId :

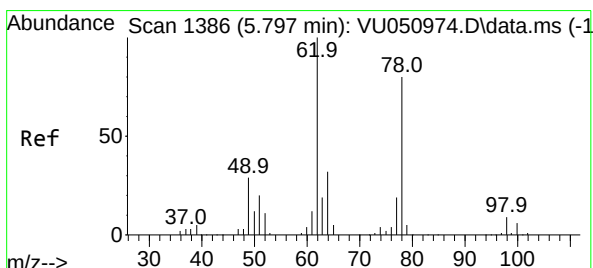
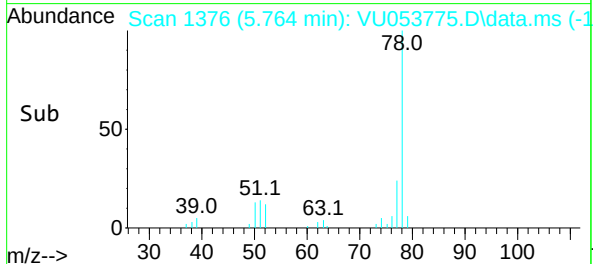
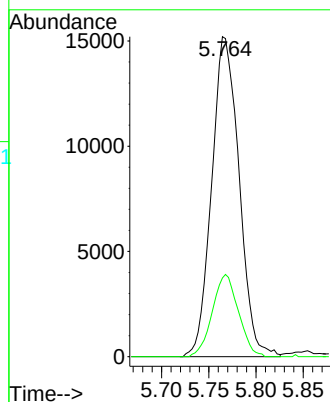
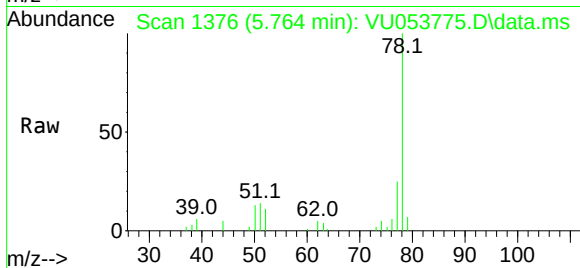
VSTDIC001

Tgt Ion: 78 Resp: 30631

Ion Ratio Lower Upper

78 100

77 24.6 18.9 28.3



#36

1,2-Dichloroethane

Concen: 0.995 ug/l

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU053775.D

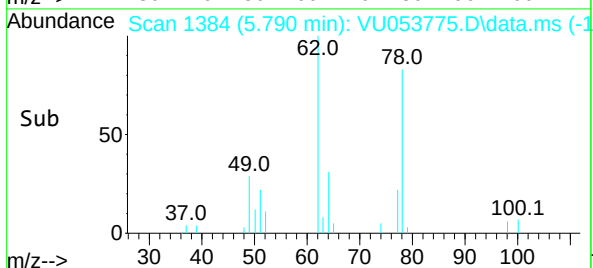
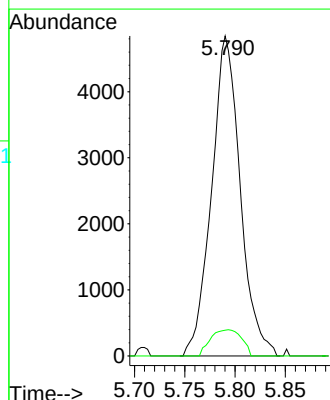
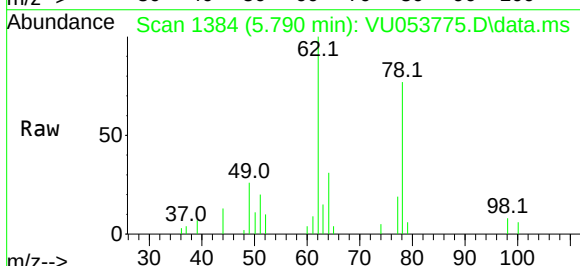
Acq: 19 Apr 2023 10:52

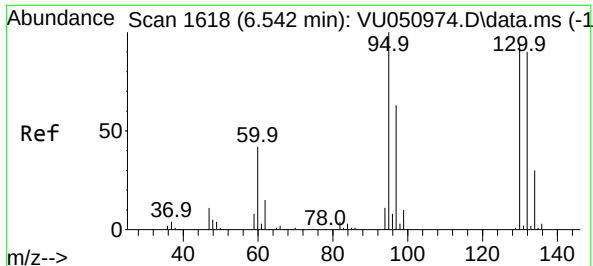
Tgt Ion: 62 Resp: 9613

Ion Ratio Lower Upper

62 100

98 8.9 7.3 10.9

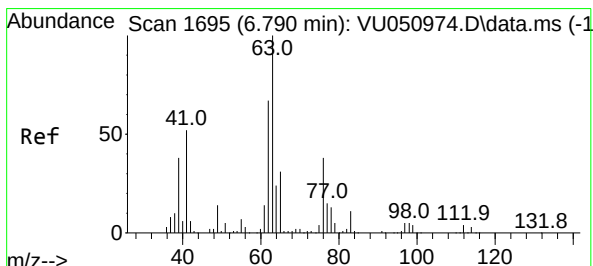
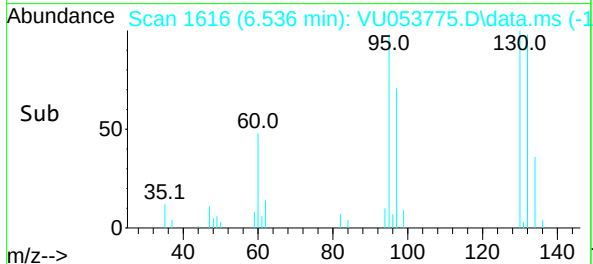
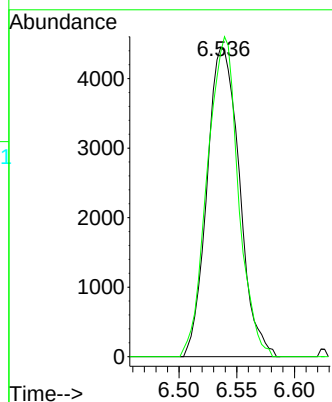
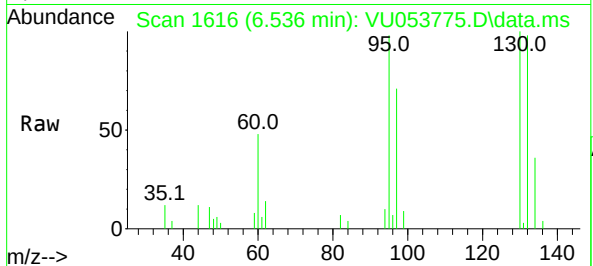




#37
 Trichloroethene
 Concen: 1.024 ug/l
 RT: 6.536 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: VU053775.D
 Acq: 19 Apr 2023 10:52

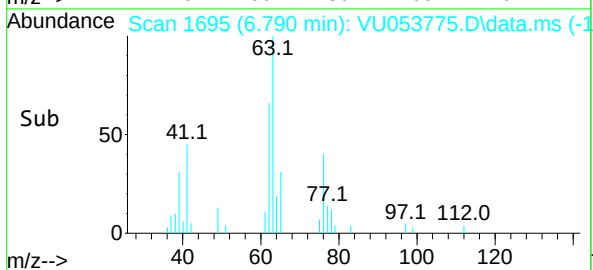
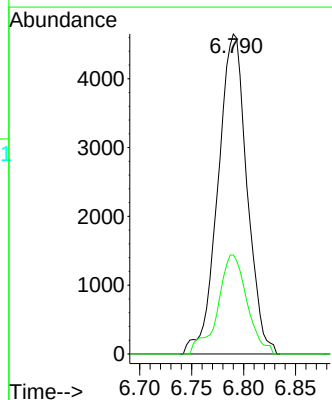
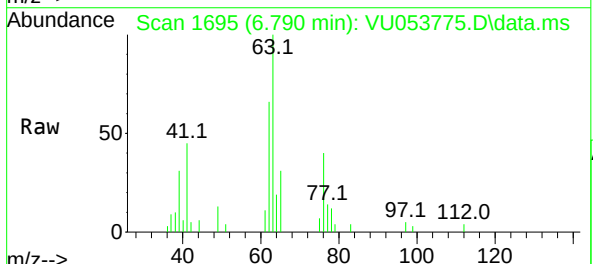
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

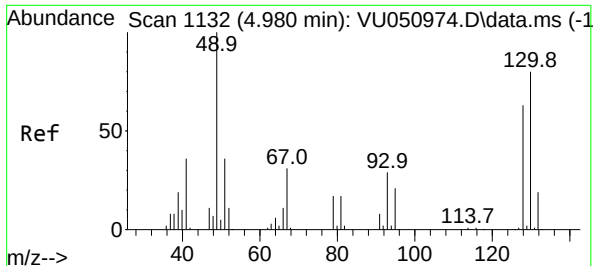
Tgt Ion:130 Resp: 8681
 Ion Ratio Lower Upper
 130 100
 95 98.4 85.0 127.6



#38
 1,2-Dichloropropane
 Concen: 1.046 ug/l
 RT: 6.790 min Scan# 1695
 Delta R.T. 0.000 min
 Lab File: VU053775.D
 Acq: 19 Apr 2023 10:52

Tgt Ion: 63 Resp: 9028
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.9 37.3





#39

Methacrylonitrile

Concen: 1.403 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU053775.D

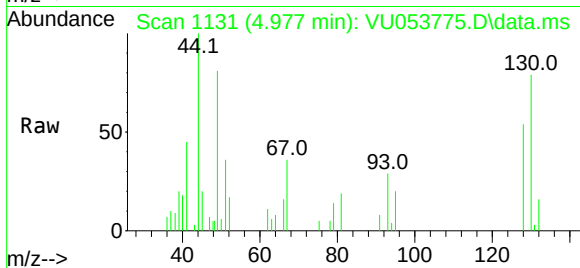
Acq: 19 Apr 2023 10:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001



Tgt Ion: 41 Resp: 3119

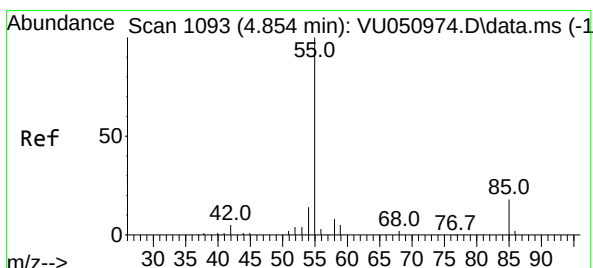
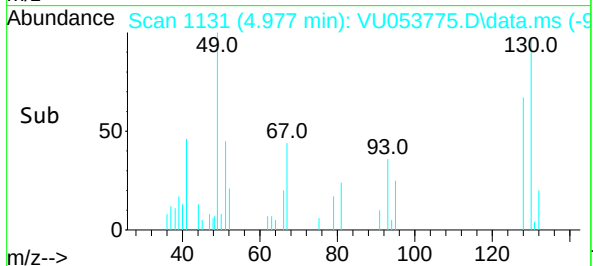
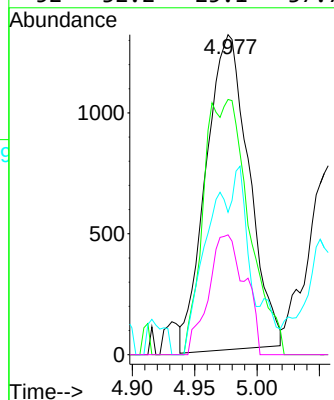
Ion Ratio Lower Upper

41 100

67 34.9 66.8 100.2#

39 31.0 41.2 61.8#

52 32.2 25.1 37.7



#40

Methyl acrylate

Concen: 1.317 ug/l

RT: 4.845 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

Tgt Ion: 55 Resp: 5343

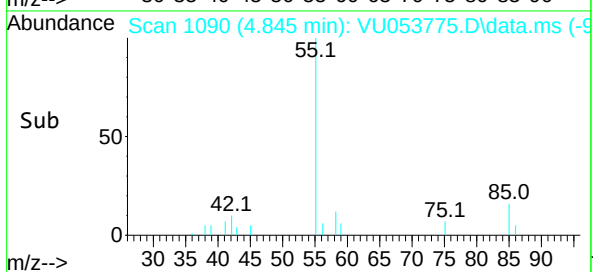
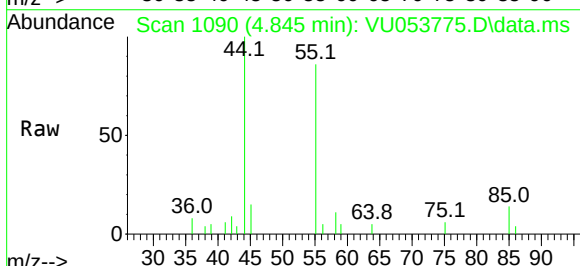
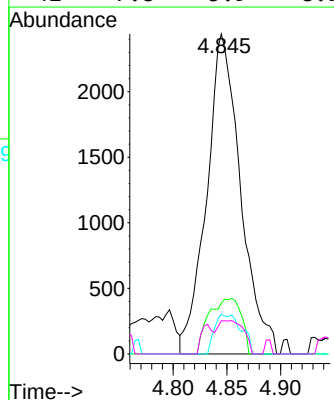
Ion Ratio Lower Upper

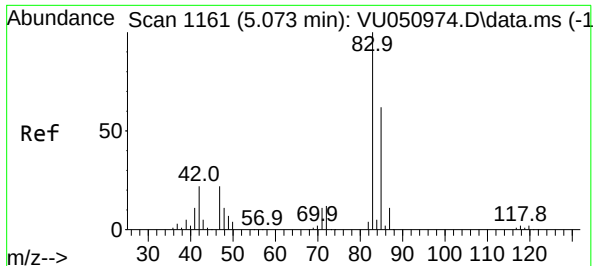
55 100

85 16.5 13.3 19.9

58 9.8 6.5 9.7#

42 7.8 5.9 8.9





#41

Tetrahydrofuran

Concen: 2.821 ug/l

RT: 5.060 min Scan# 1161

Delta R.T. -0.003 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

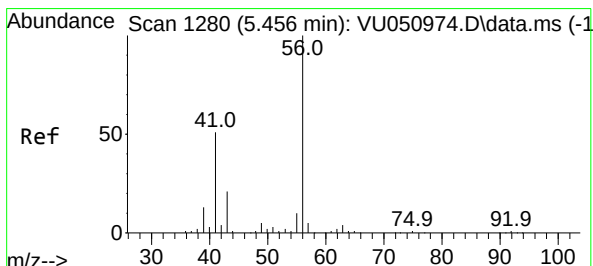
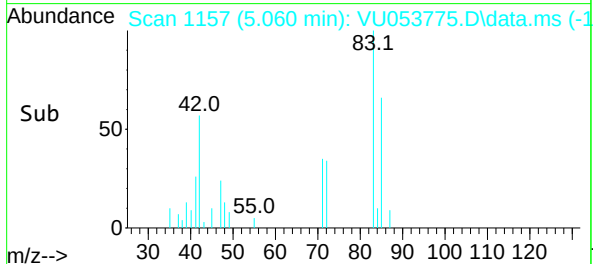
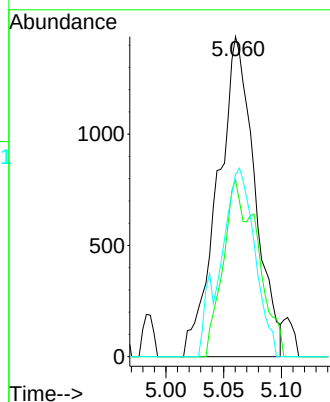
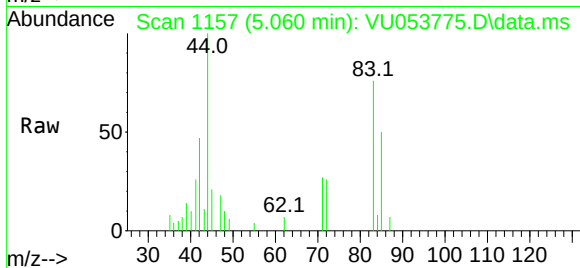
Tgt Ion: 42 Resp: 3203

Ion Ratio Lower Upper

42 100

72 32.8 40.9 61.3#

71 48.3 36.9 55.3



#42

1-Chlorobutane

Concen: 0.904 ug/l

RT: 5.449 min Scan# 1278

Delta R.T. 0.000 min

Lab File: VU053775.D

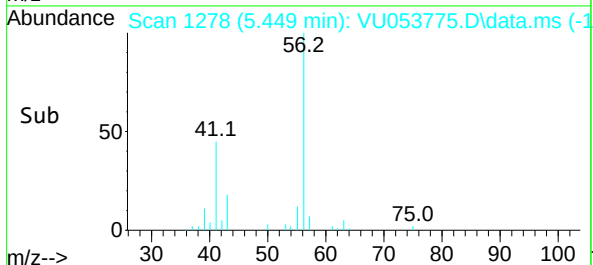
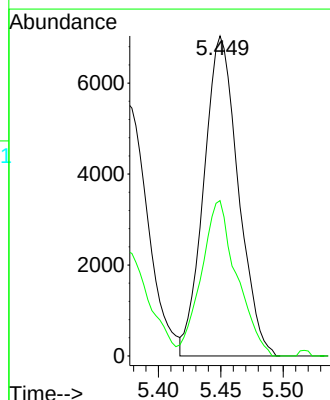
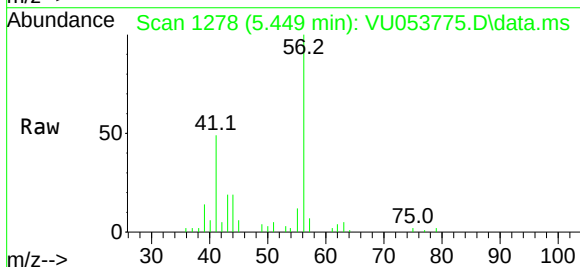
Acq: 19 Apr 2023 10:52

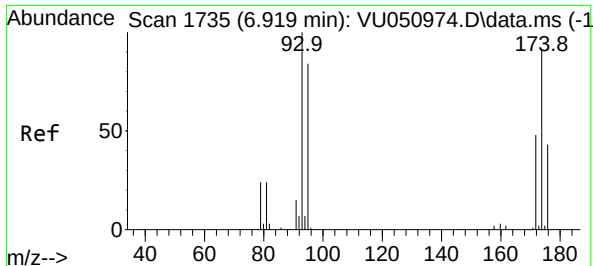
Tgt Ion: 56 Resp: 13518

Ion Ratio Lower Upper

56 100

41 50.0 25.2 75.6





#43

Dibromomethane

Concen: 1.007 ug/l

RT: 6.916 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

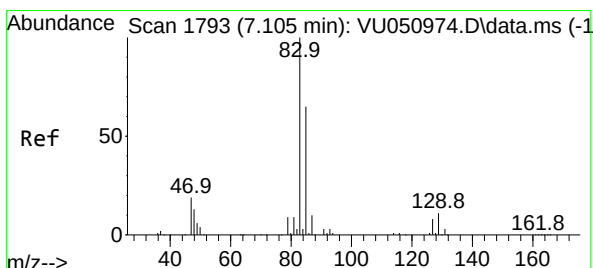
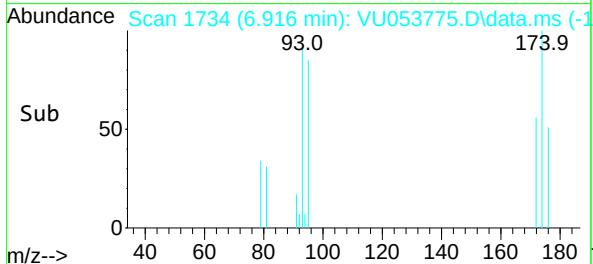
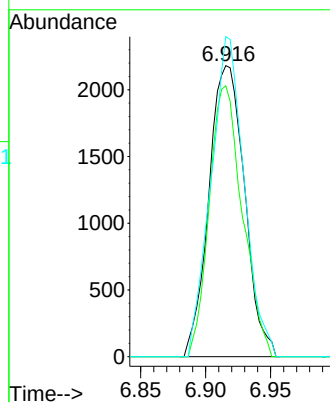
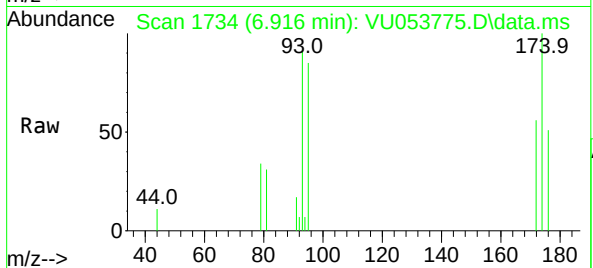
Tgt Ion: 93 Resp: 4166

Ion Ratio Lower Upper

93 100

95 86.5 67.0 100.6

174 102.4 73.8 110.6



#44

Bromodichloromethane

Concen: 0.994 ug/l

RT: 7.102 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

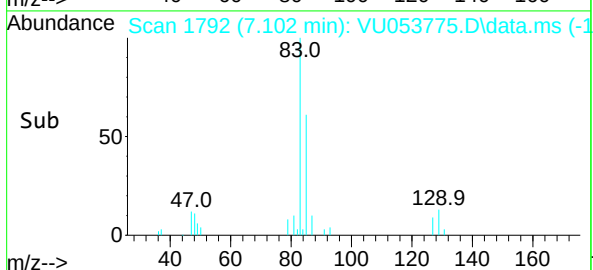
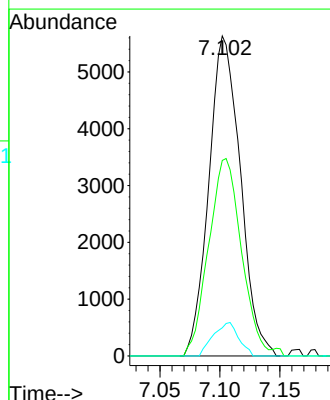
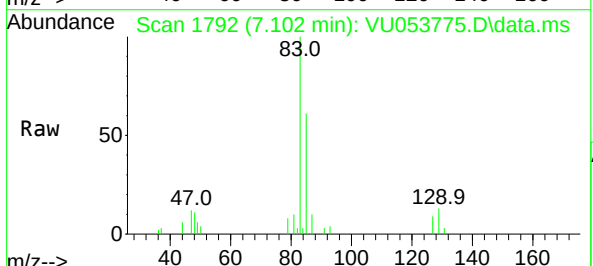
Tgt Ion: 83 Resp: 10305

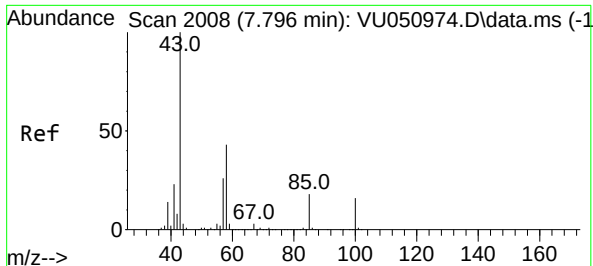
Ion Ratio Lower Upper

83 100

85 61.1 51.9 77.9

127 8.8 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 4.879 ug/l

RT: 7.793 min Scan# 21097

Delta R.T. -0.003 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

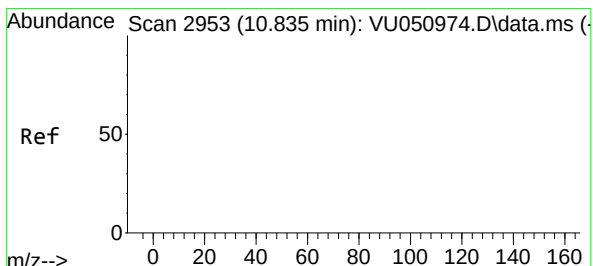
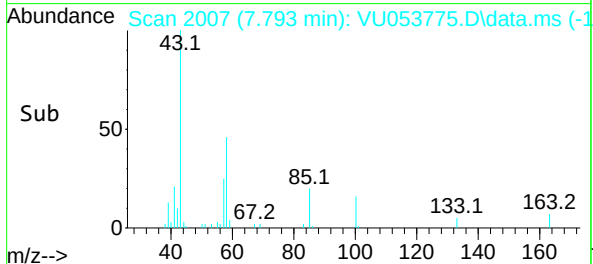
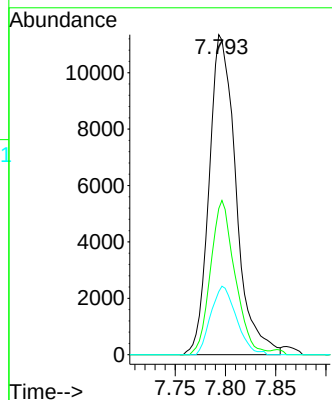
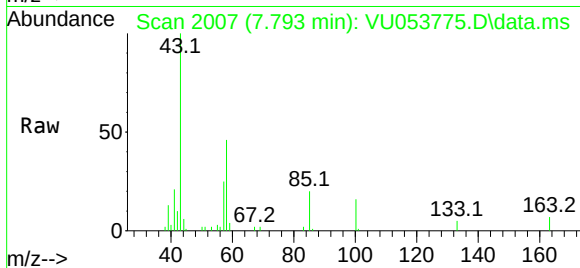
Tgt Ion: 43 Resp: 21097

Ion Ratio Lower Upper

43 100

58 43.9 20.9 62.8

85 20.3 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 4.312 ug/l

RT: 10.819 min Scan# 2948

Delta R.T. -0.013 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

Tgt Ion: 75 Resp: 10080

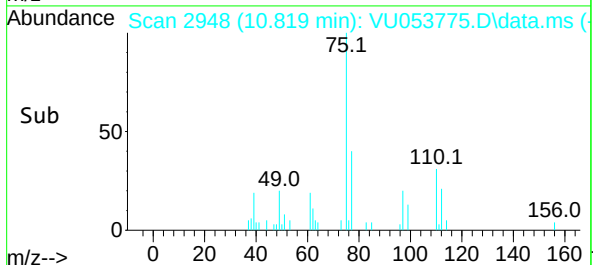
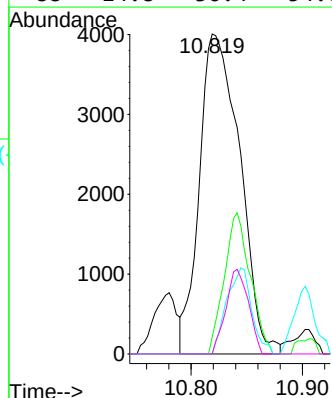
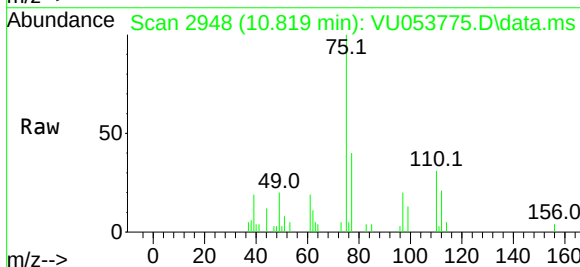
Ion Ratio Lower Upper

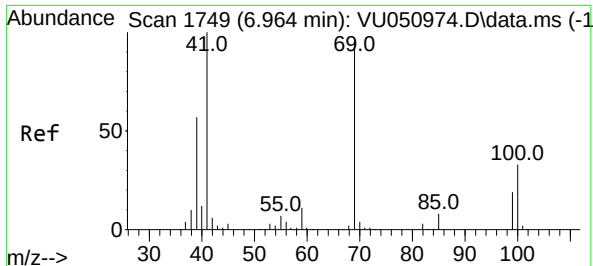
75 100

53 28.5 73.3 109.9#

89 16.6 48.2 72.4#

88 14.8 36.4 54.6#





#47

Methyl methacrylate

Concen: 1.814 ug/l

RT: 6.967 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 69 Resp: 6914

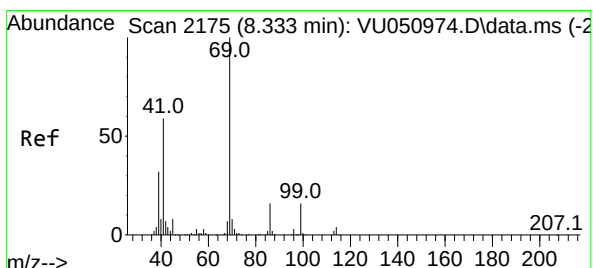
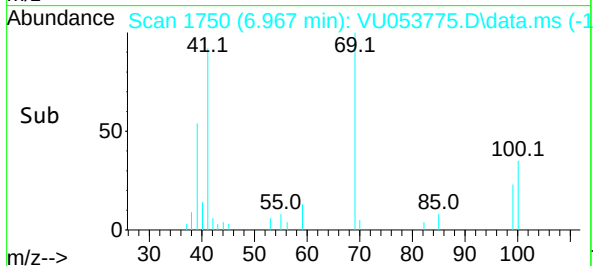
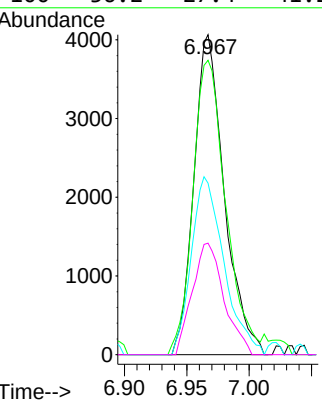
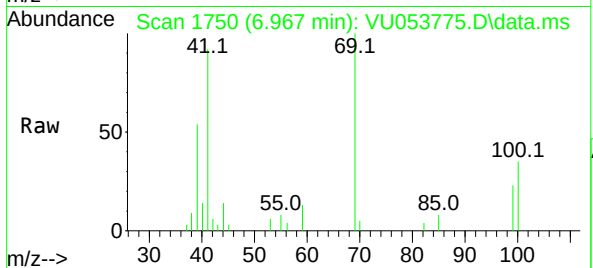
Ion Ratio Lower Upper

69 100

41 98.9 0.0 209.2

39 59.6 46.7 70.1

100 36.2 27.4 41.2



#48

Ethyl methacrylate

Concen: 0.879 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.003 min

Lab File: VU053775.D

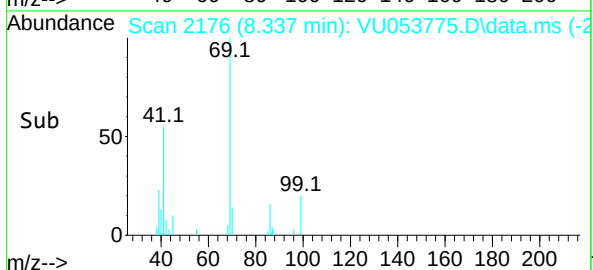
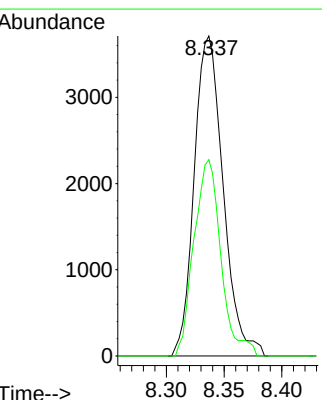
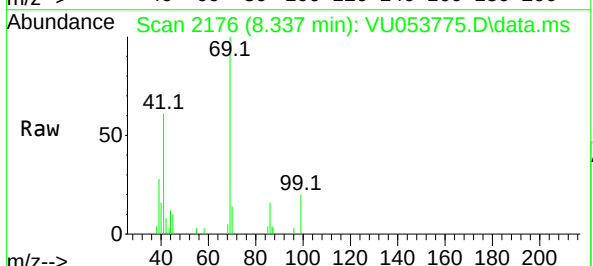
Acq: 19 Apr 2023 10:52

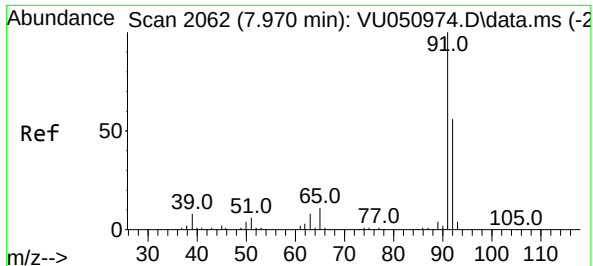
Tgt Ion: 69 Resp: 6476

Ion Ratio Lower Upper

69 100

41 57.2 30.3 90.8





#49

Toluene

Concen: 0.920 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

Instrument :

MSVOA_U

ClientSampleId :

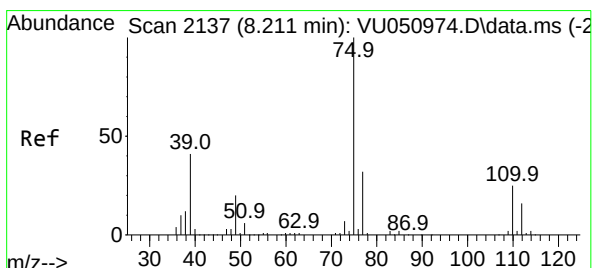
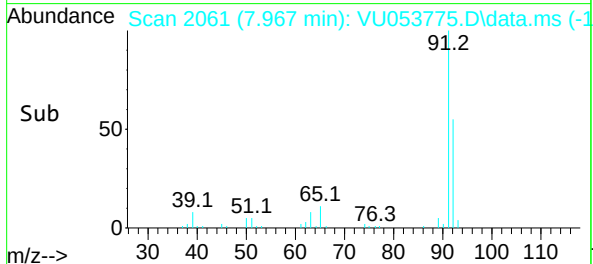
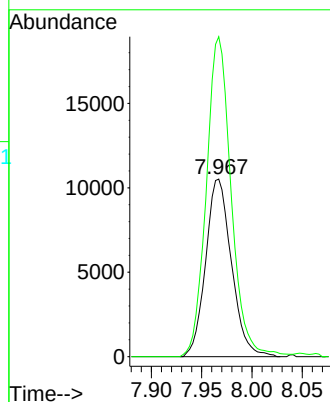
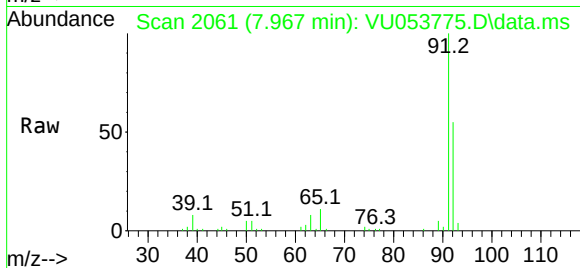
VSTDIC001

Tgt Ion: 92 Resp: 18767

Ion Ratio Lower Upper

92 100

91 173.8 143.0 214.6



#50

t-1,3-Dichloropropene

Concen: 1.028 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU053775.D

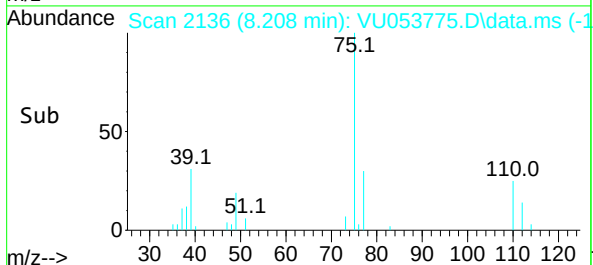
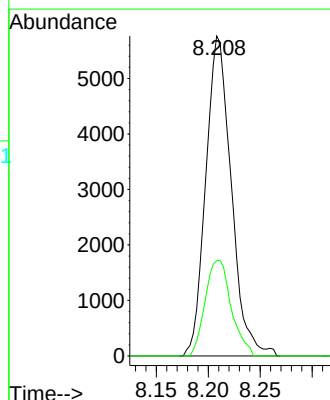
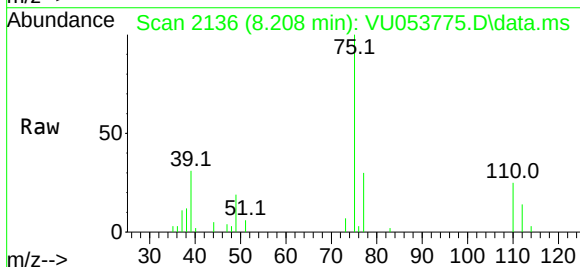
Acq: 19 Apr 2023 10:52

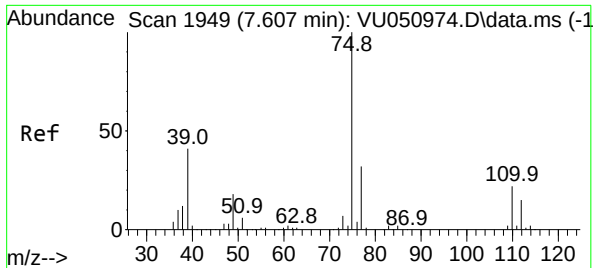
Tgt Ion: 75 Resp: 9831

Ion Ratio Lower Upper

75 100

77 29.7 25.3 37.9

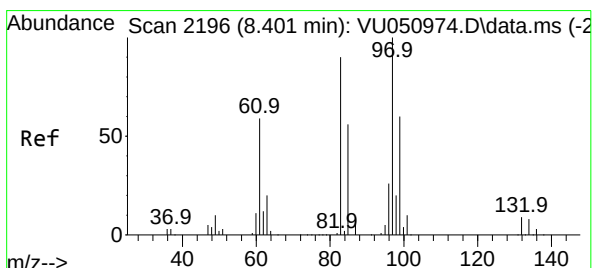
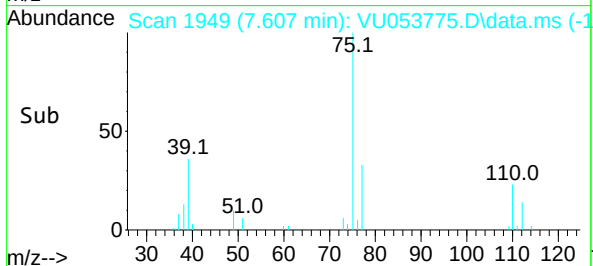
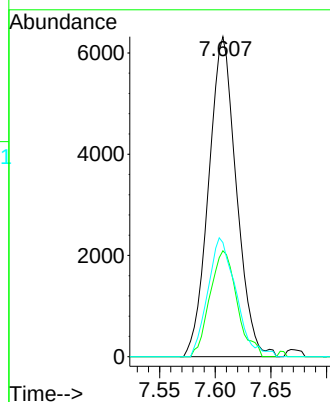
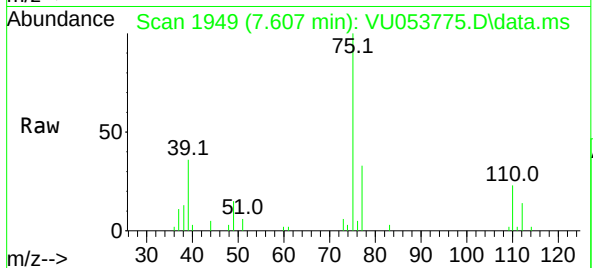




#51
 cis-1,3-Dichloropropene
 Concen: 0.929 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.003 min
 Lab File: VU053775.D
 Acq: 19 Apr 2023 10:52

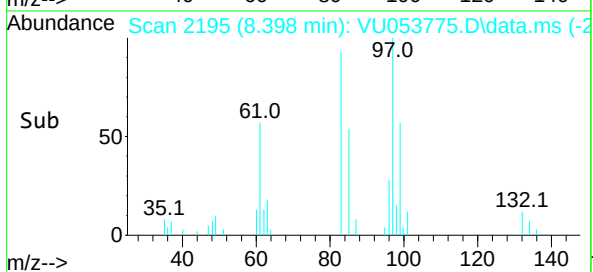
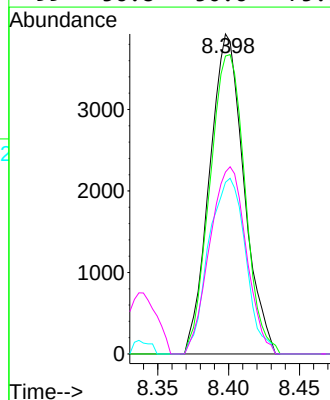
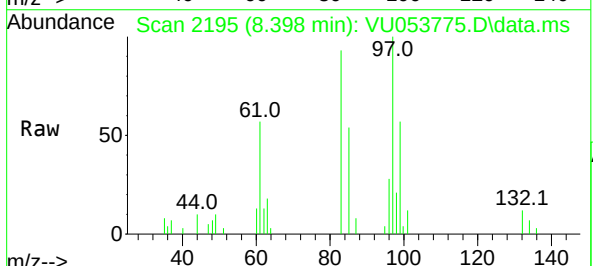
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

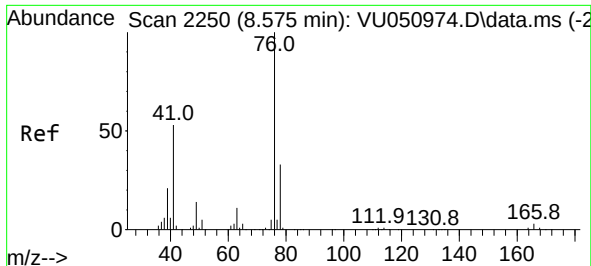
Tgt Ion:	75	Resp:	10927
Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.7	38.5
39	35.6	32.8	49.2



#52
 1,1,2-Trichloroethane
 Concen: 1.081 ug/l
 RT: 8.398 min Scan# 2195
 Delta R.T. 0.000 min
 Lab File: VU053775.D
 Acq: 19 Apr 2023 10:52

Tgt Ion:	97	Resp:	6627
Ion	Ratio	Lower	Upper
97	100		
83	93.1	71.8	107.8
85	53.7	45.2	67.8
99	56.8	50.6	75.8





#53

1,3-Dichloropropane

Concen: 1.018 ug/l

RT: 8.571 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

Instrument :

MSVOA_U

ClientSampleId :

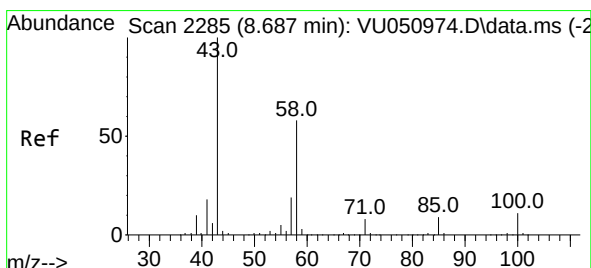
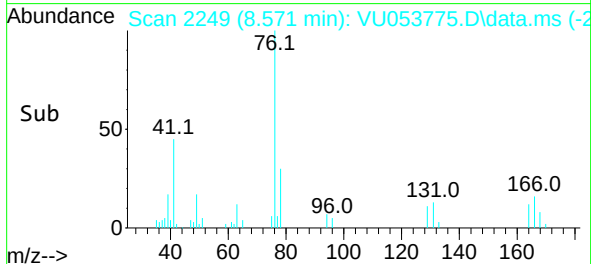
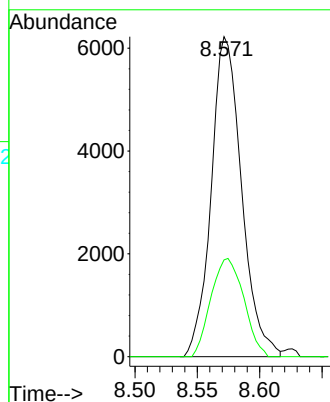
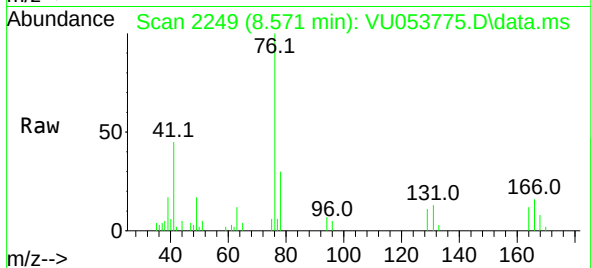
VSTDIC001

Tgt Ion: 76 Resp: 10570

Ion Ratio Lower Upper

76 100

78 33.0 25.9 38.9



#54

2-Hexanone

Concen: 3.879 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

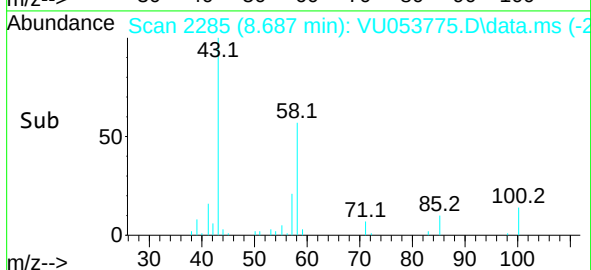
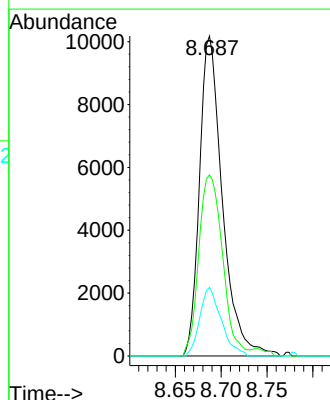
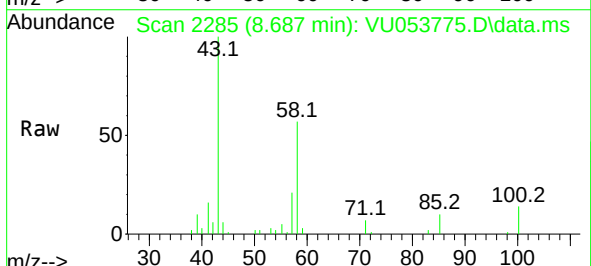
Tgt Ion: 43 Resp: 17669

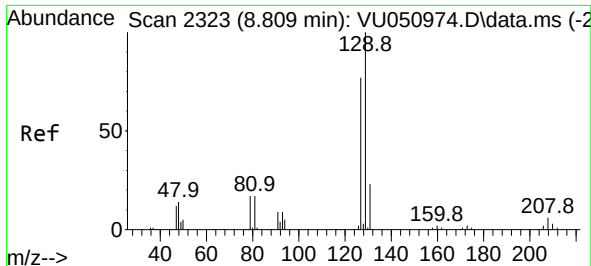
Ion Ratio Lower Upper

43 100

58 58.8 38.2 78.2

57 20.1 0.0 39.1





#55

Dibromochloromethane

Concen: 1.103 ug/l

RT: 8.806 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

Instrument :

MSVOA_U

ClientSampleId :

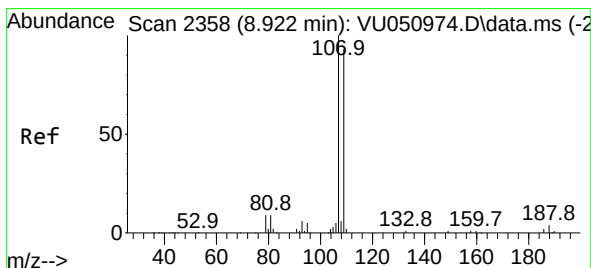
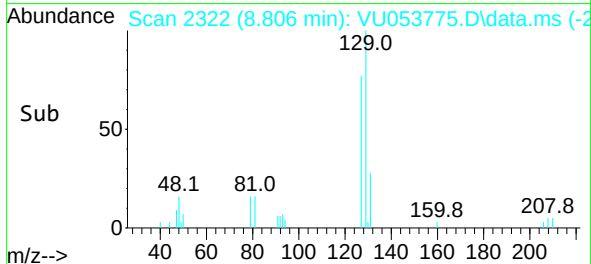
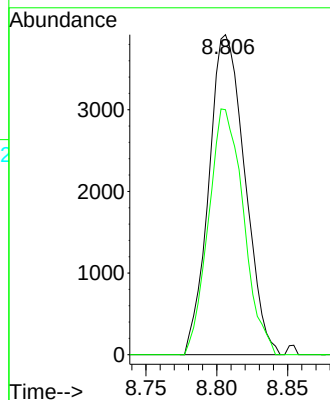
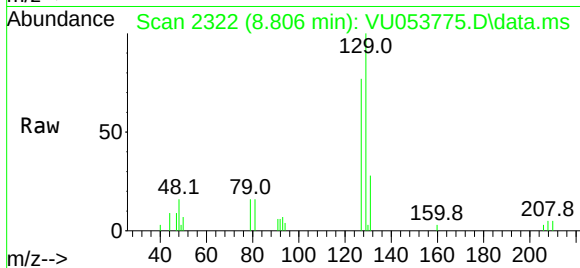
VSTDIC001

Tgt Ion:129 Resp: 6931

Ion Ratio Lower Upper

129 100

127 74.5 61.4 92.0



#56

1,2-Dibromoethane

Concen: 1.033 ug/l

RT: 8.919 min Scan# 2357

Delta R.T. -0.003 min

Lab File: VU053775.D

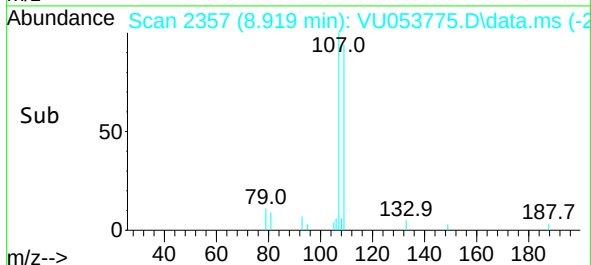
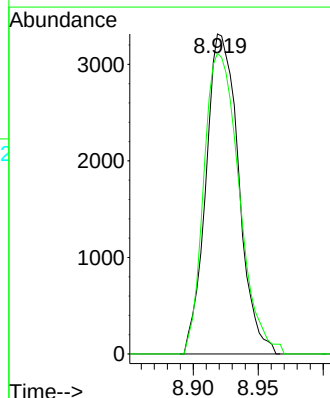
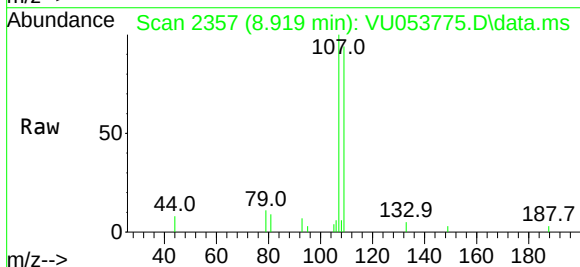
Acq: 19 Apr 2023 10:52

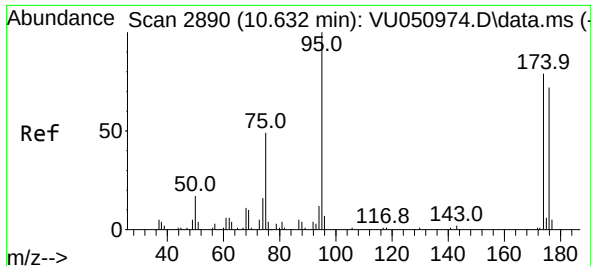
Tgt Ion:107 Resp: 5791

Ion Ratio Lower Upper

107 100

109 101.5 0.0 184.4

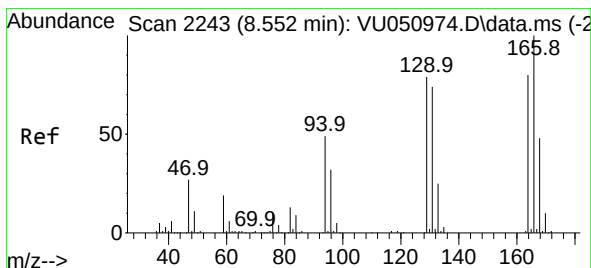
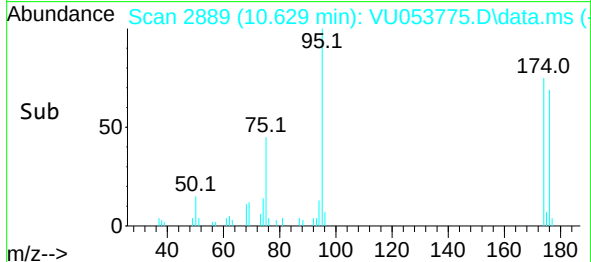
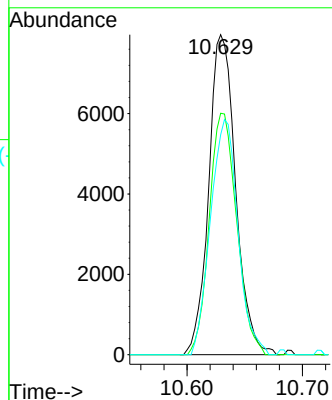
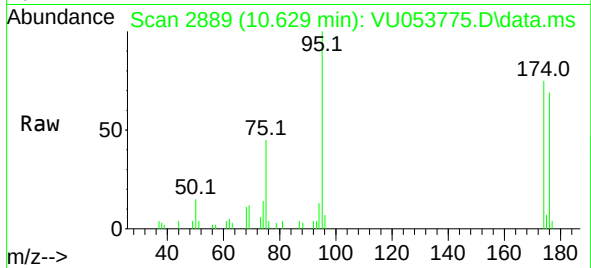




#57
 4-Bromofluorobenzene
 Concen: 1.190 ug/l
 RT: 10.629 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU053775.D
 Acq: 19 Apr 2023 10:52

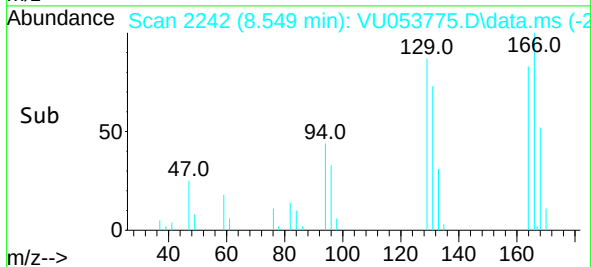
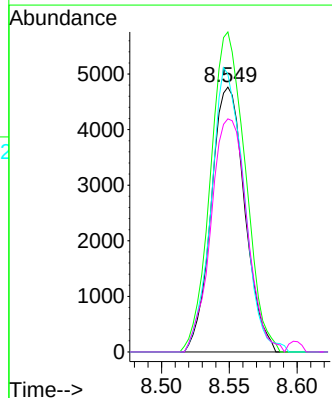
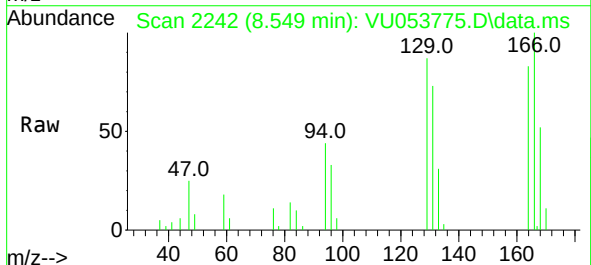
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

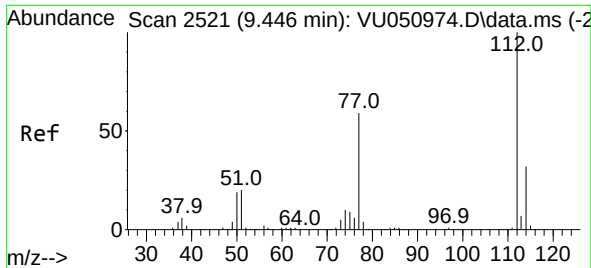
Tgt Ion: 95 Resp: 12879
 Ion Ratio Lower Upper
 95 100
 174 77.0 63.3 94.9
 176 75.1 59.3 88.9



#58
 Tetrachloroethene
 Concen: 1.035 ug/l
 RT: 8.549 min Scan# 2242
 Delta R.T. 0.000 min
 Lab File: VU053775.D
 Acq: 19 Apr 2023 10:52

Tgt Ion: 164 Resp: 8235
 Ion Ratio Lower Upper
 164 100
 166 120.8 99.6 149.4
 129 104.9 78.6 117.8
 131 88.0 73.4 110.0

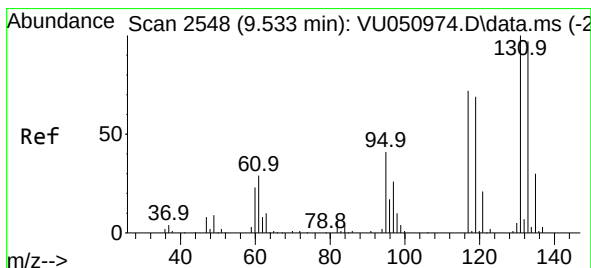
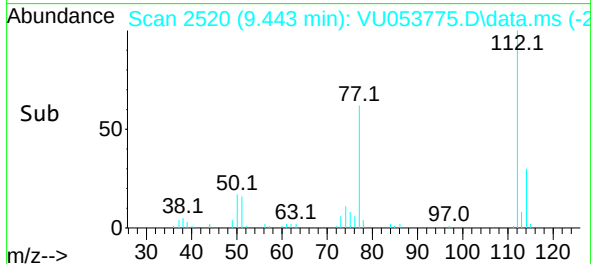
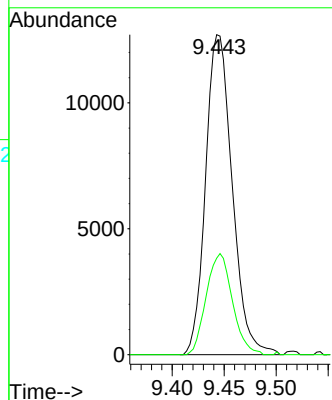
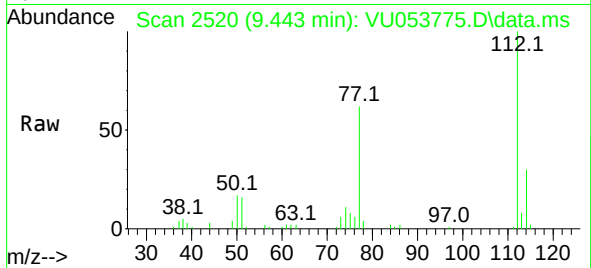




#59
Chlorobenzene
Concen: 0.986 ug/l
RT: 9.443 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

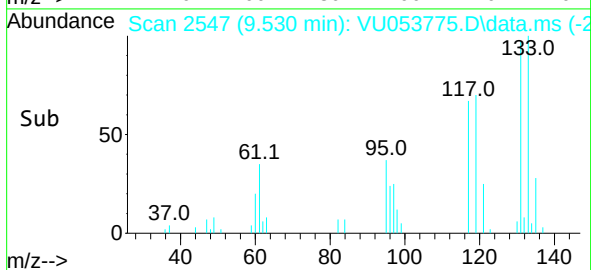
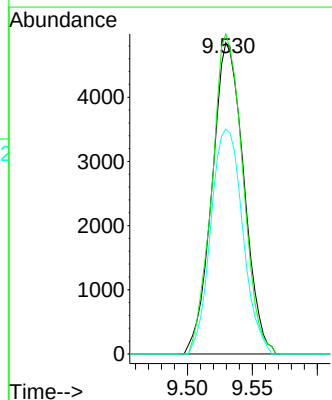
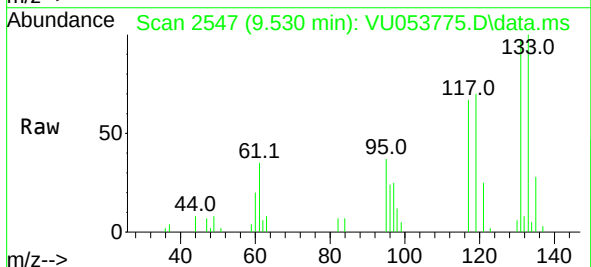
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

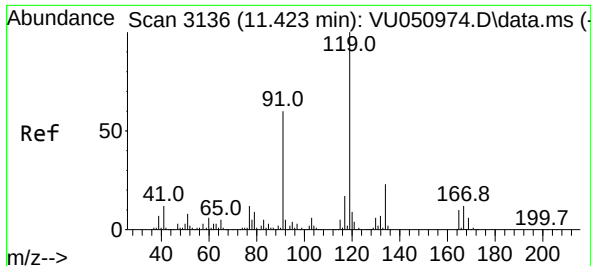
Tgt Ion:112 Resp: 22638
Ion Ratio Lower Upper
112 100
114 30.2 25.6 38.4



#60
1,1,1,2-Tetrachloroethane
Concen: 1.143 ug/l
RT: 9.530 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion:131 Resp: 8231
Ion Ratio Lower Upper
131 100
133 99.8 77.8 116.6
119 72.6 55.2 82.8

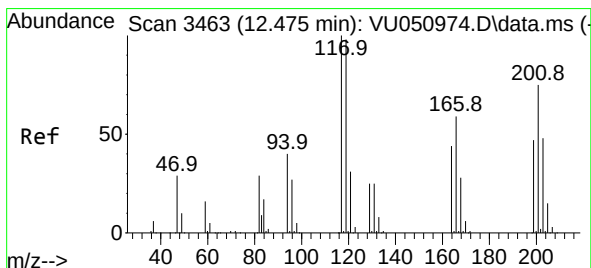
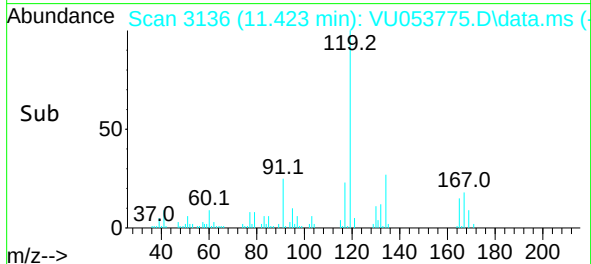
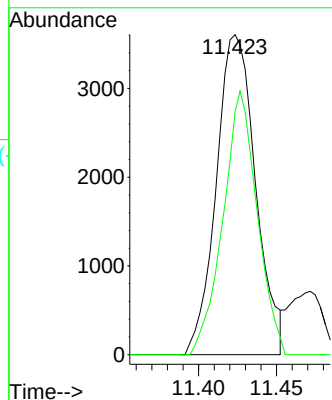
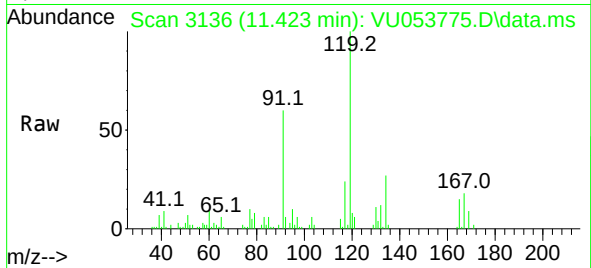




#61
 Pentachloroethane
 Concen: 1.212 ug/l
 RT: 11.423 min Scan# 3136
 Delta R.T. 0.000 min
 Lab File: VU053775.D
 Acq: 19 Apr 2023 10:52

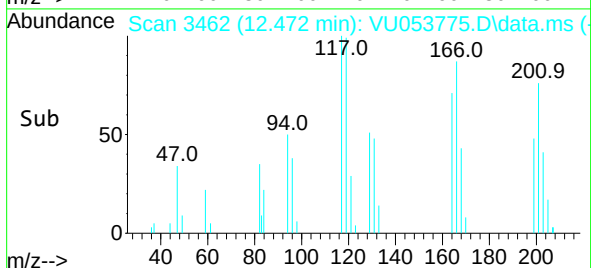
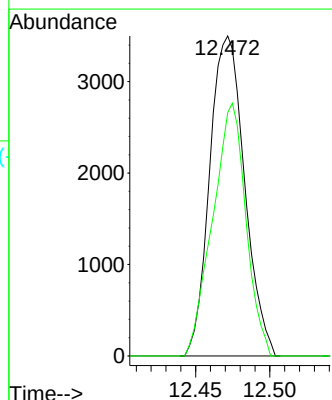
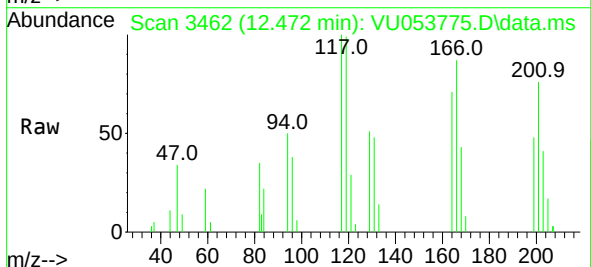
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

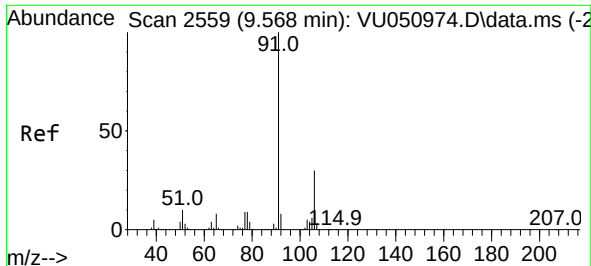
Tgt Ion:117 Resp: 6328
 Ion Ratio Lower Upper
 117 100
 167 71.5 56.7 85.1



#62
 Hexachloroethane
 Concen: 1.001 ug/l
 RT: 12.472 min Scan# 3462
 Delta R.T. 0.000 min
 Lab File: VU053775.D
 Acq: 19 Apr 2023 10:52

Tgt Ion:117 Resp: 5712
 Ion Ratio Lower Upper
 117 100
 201 75.1 59.6 89.4

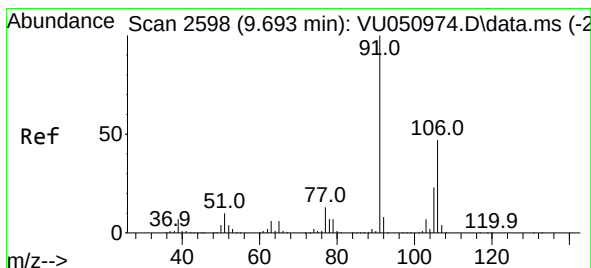
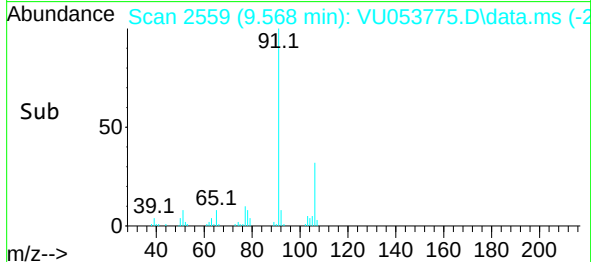
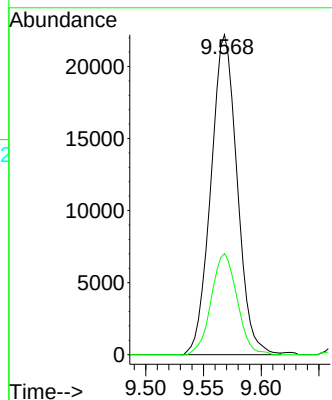
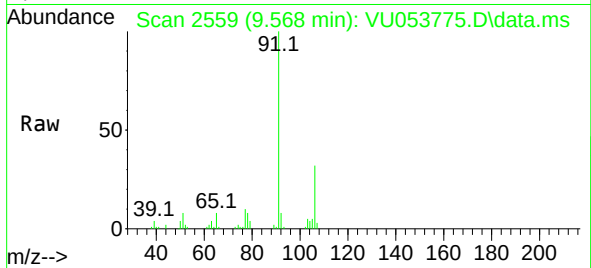




#63
Ethyl Benzene
Concen: 0.884 ug/l
RT: 9.568 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

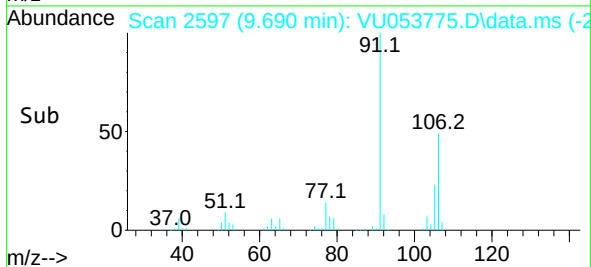
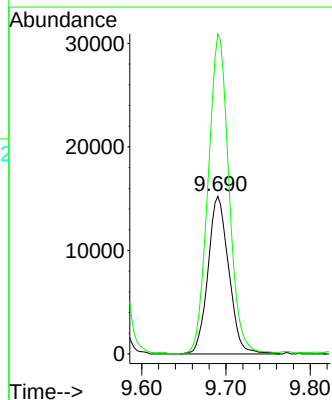
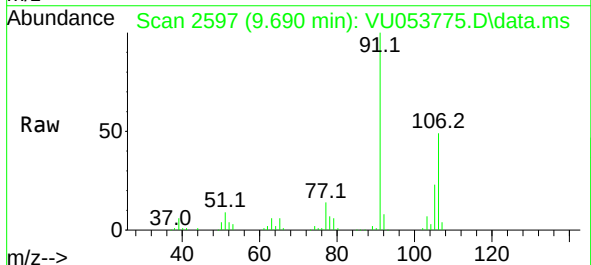
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

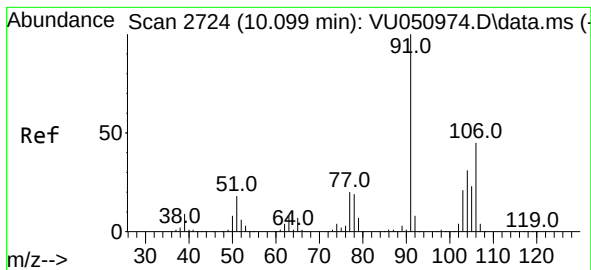
Tgt Ion: 91 Resp: 35084
Ion Ratio Lower Upper
91 100
106 31.6 24.2 36.2



#64
m/p-Xylenes
Concen: 1.707 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion: 106 Resp: 26050
Ion Ratio Lower Upper
106 100
91 204.3 167.3 250.9

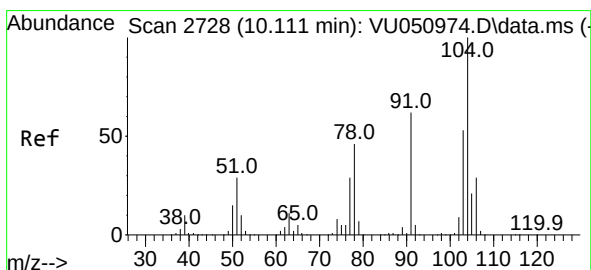
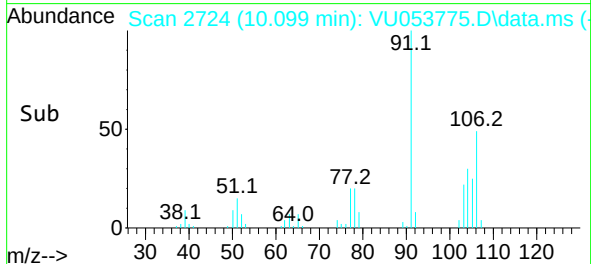
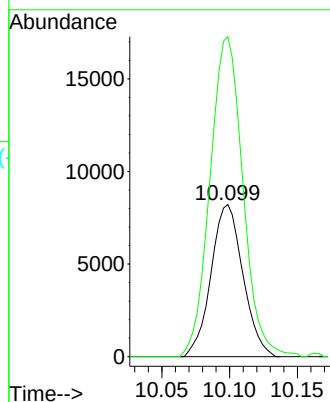
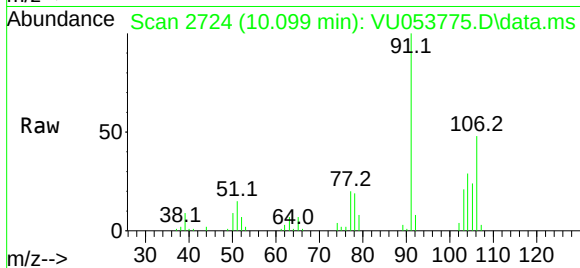




#65
o-Xylene
Concen: 0.897 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

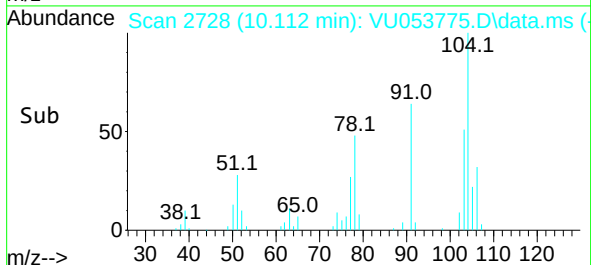
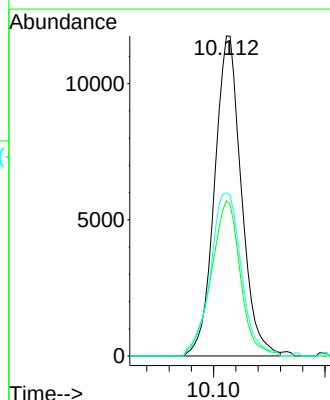
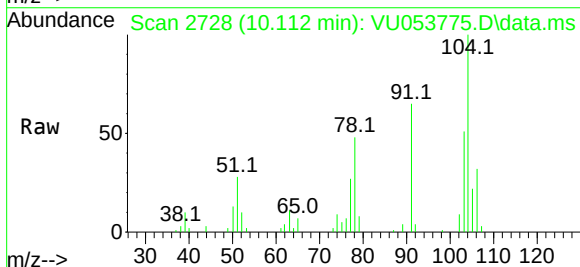
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

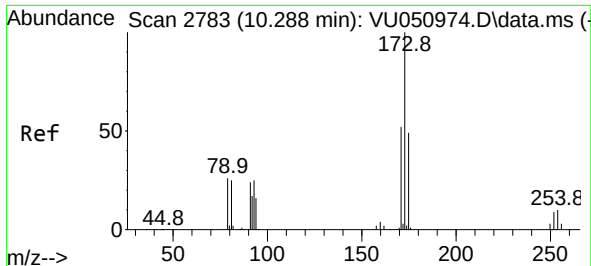
Tgt Ion:106 Resp: 13471
Ion Ratio Lower Upper
106 100
91 216.6 109.3 327.9



#66
Styrene
Concen: 0.844 ug/l
RT: 10.112 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion:104 Resp: 19607
Ion Ratio Lower Upper
104 100
78 52.7 39.7 59.5
103 58.4 44.8 67.2

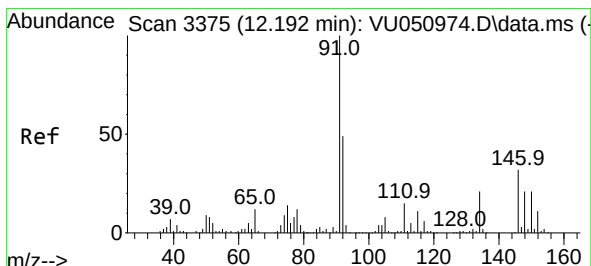
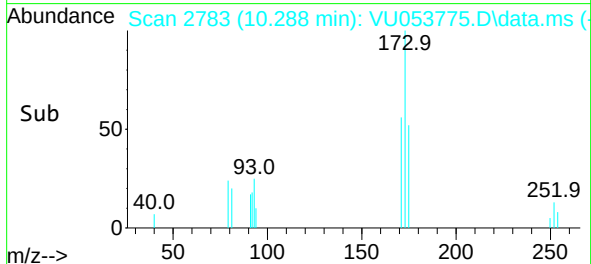
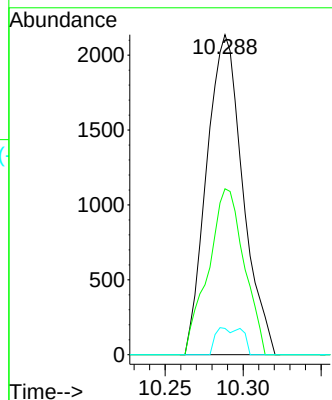
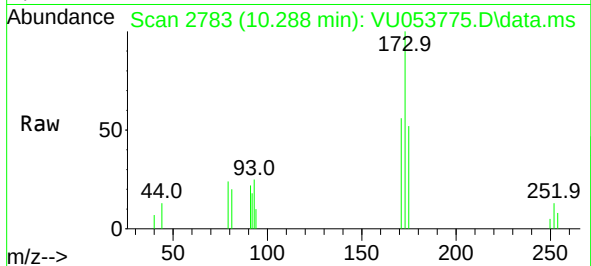




#67
Bromoform
Concen: 1.135 ug/l
RT: 10.288 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

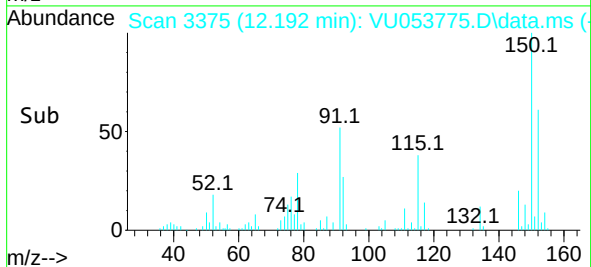
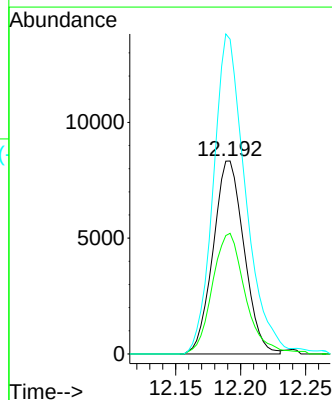
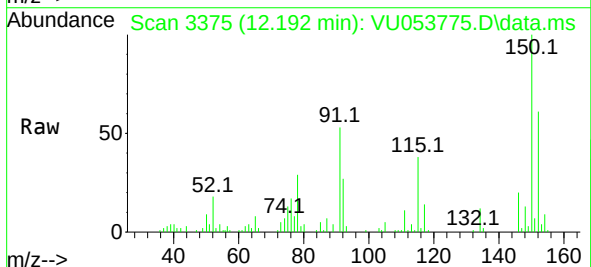
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

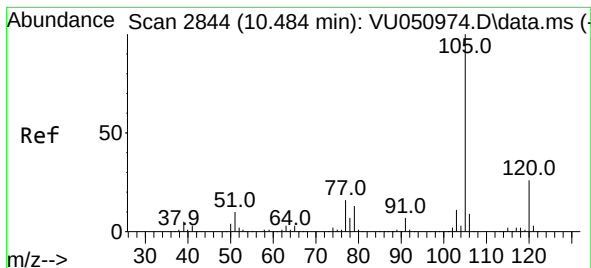
Tgt Ion:173 Resp: 3434
Ion Ratio Lower Upper
173 100
175 51.5 39.0 58.6
254 3.6 7.4 11.0#



#68
1,2-Dichlorobenzene-d4
Concen: 1.224 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.003 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion:152 Resp: 13813
Ion Ratio Lower Upper
152 100
115 66.8 0.0 308.8
150 173.6 0.0 635.0





#69

Isopropylbenzene

Concen: 0.882 ug/l

RT: 10.481 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

Instrument :

MSVOA_U

ClientSampleId :

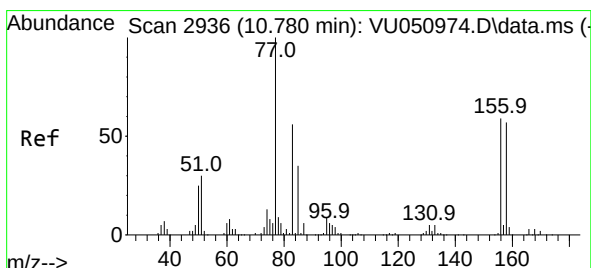
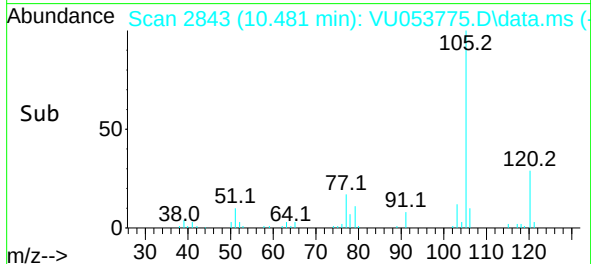
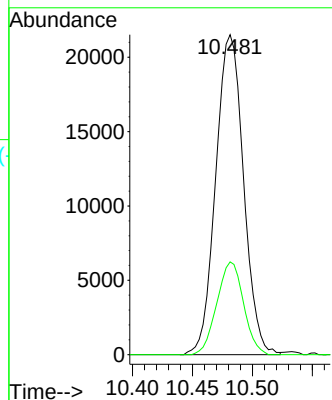
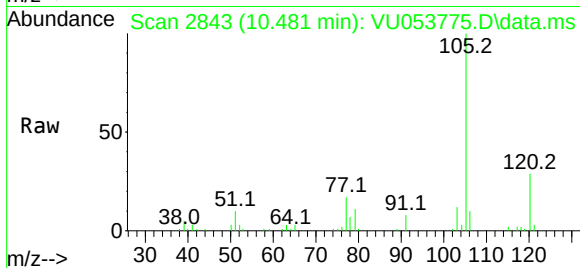
VSTDIC001

Tgt Ion:105 Resp: 34685

Ion Ratio Lower Upper

105 100

120 27.8 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 1.117 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

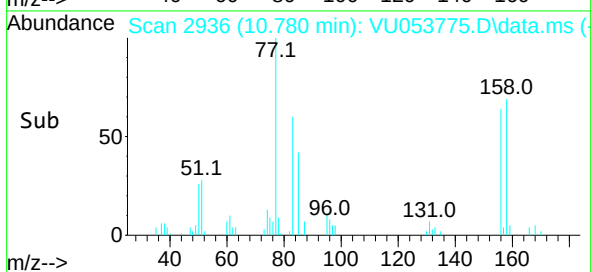
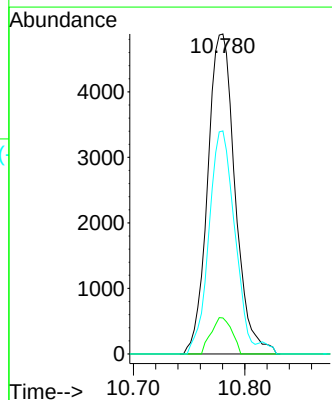
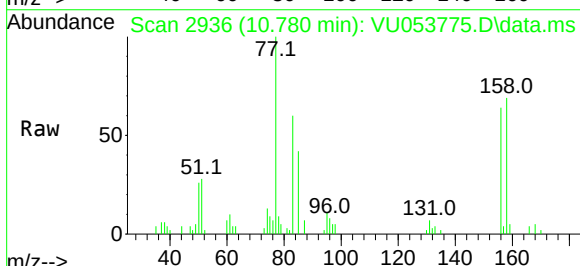
Tgt Ion: 83 Resp: 8345

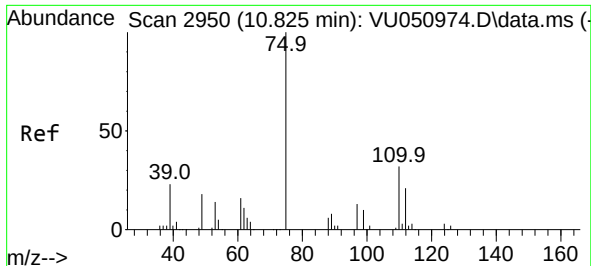
Ion Ratio Lower Upper

83 100

131 8.5 7.2 10.8

85 65.6 50.5 75.7

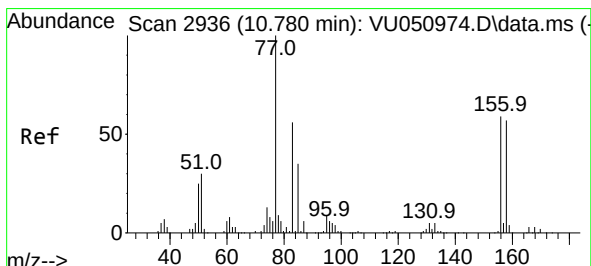
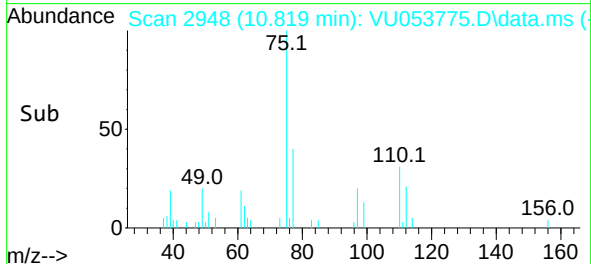
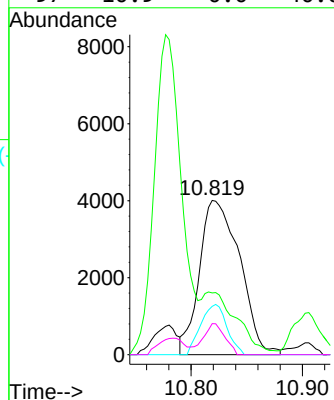
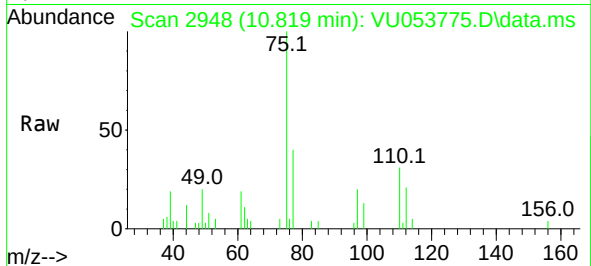




#71
1,2,3-Trichloropropane
Concen: 1.775 ug/l
RT: 10.819 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

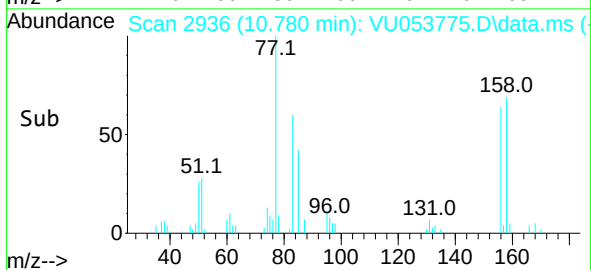
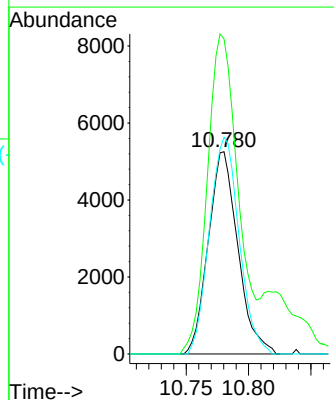
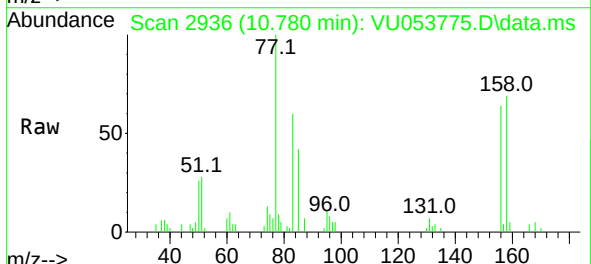
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

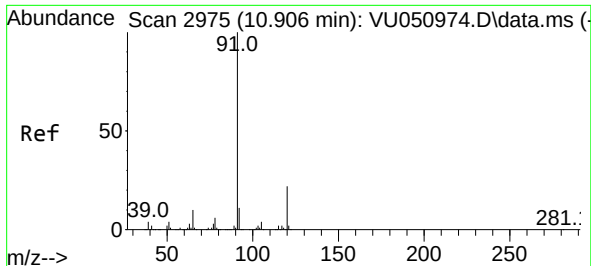
Tgt Ion: 75	Resp:	10080
Ion Ratio	Lower	Upper
75	100	
77	0.0	116.4
110	21.1	74.6
97	10.9	40.0



#72
Bromobenzene
Concen: 1.017 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion: 156	Resp:	8696
Ion Ratio	Lower	Upper
156	100	
77	162.3	343.0
158	107.5	194.8

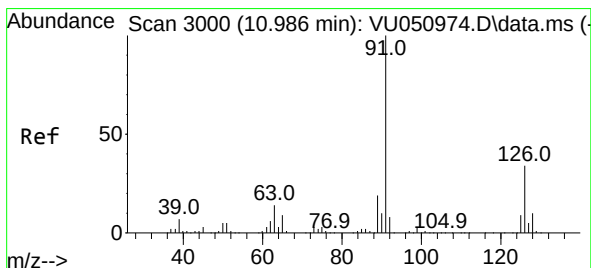
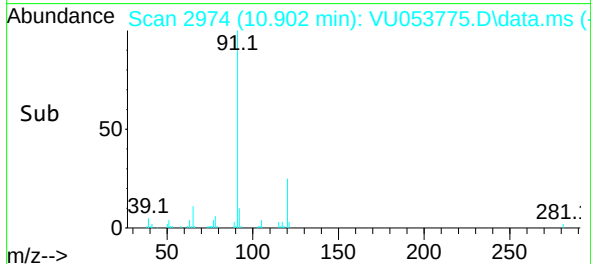
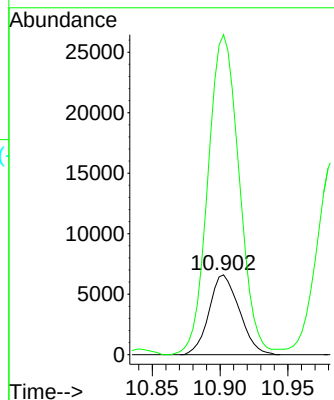
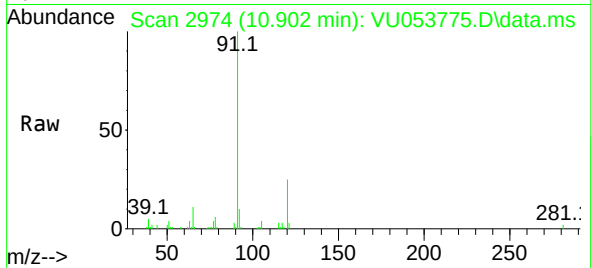




#73
n-propylbenzene
Concen: 0.971 ug/l
RT: 10.902 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

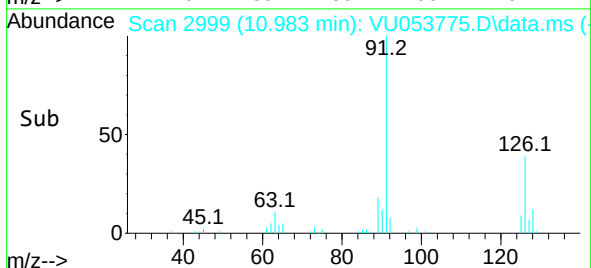
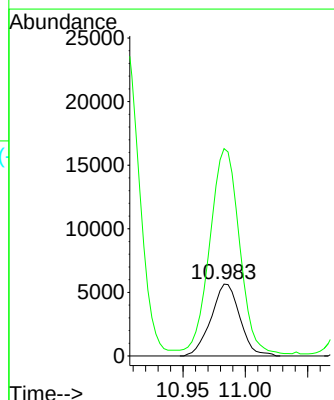
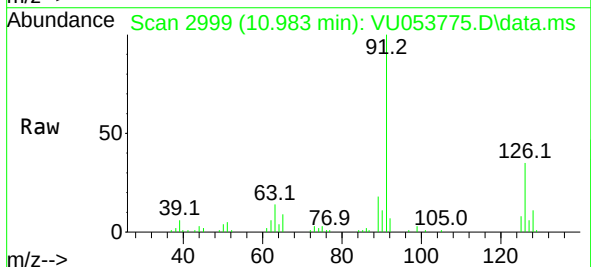
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

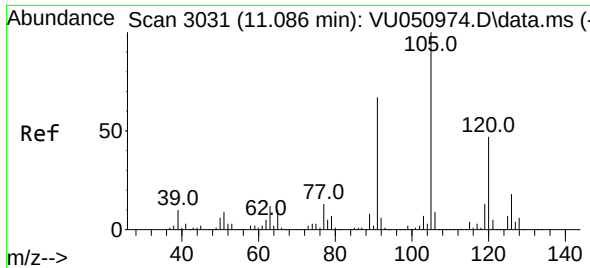
Tgt Ion:120 Resp: 10230
Ion Ratio Lower Upper
120 100
91 415.2 369.8 554.6



#74
2-Chlorotoluene
Concen: 0.986 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion:126 Resp: 9067
Ion Ratio Lower Upper
126 100
91 295.8 0.0 610.0

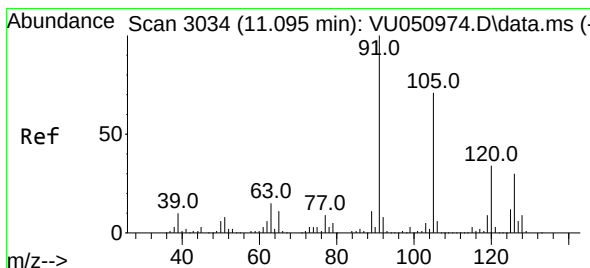
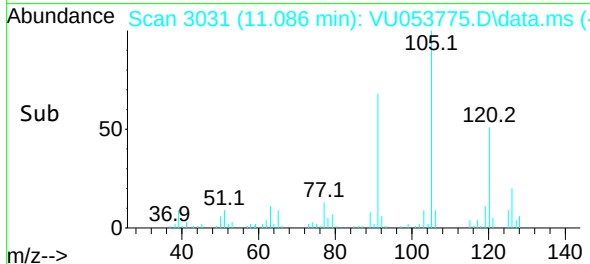
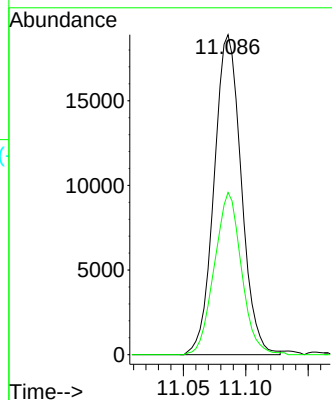
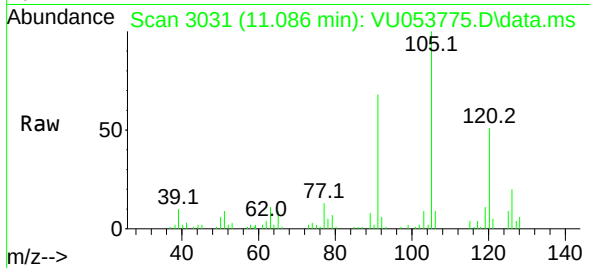




#75
1,3,5-Trimethylbenzene
Concen: 0.861 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

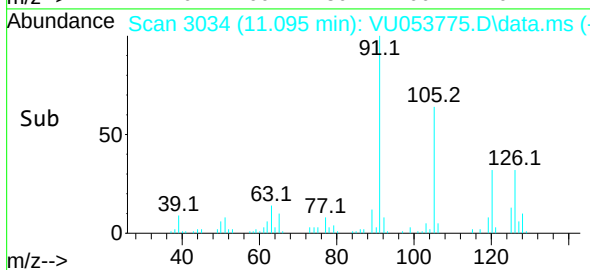
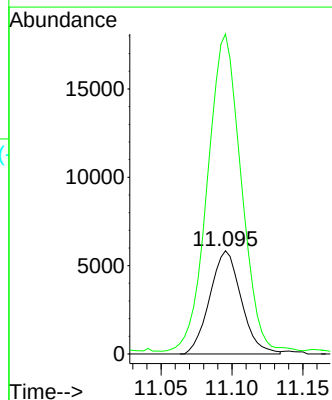
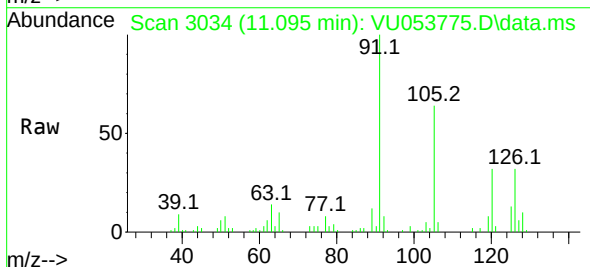
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

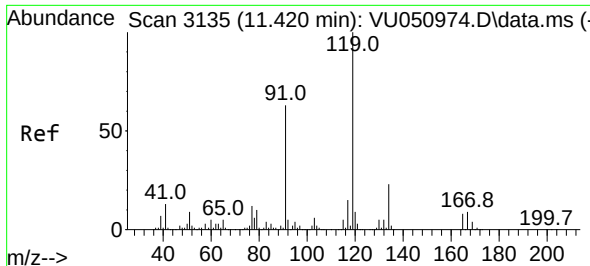
Tgt Ion:105 Resp: 28705
Ion Ratio Lower Upper
105 100
120 50.5 37.8 56.8



#76
4-Chlorotoluene
Concen: 0.935 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion:126 Resp: 9010
Ion Ratio Lower Upper
126 100
91 328.9 0.0 686.2

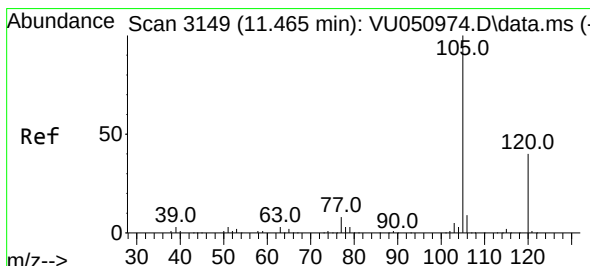
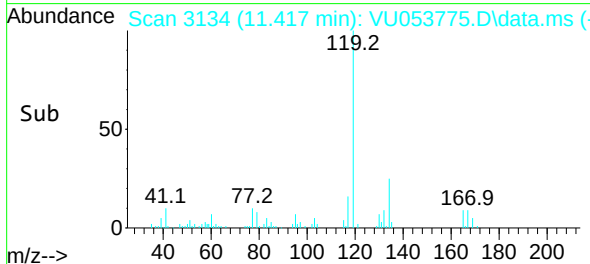
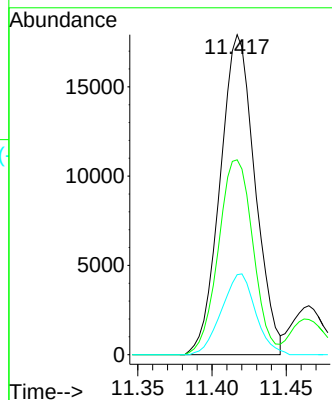
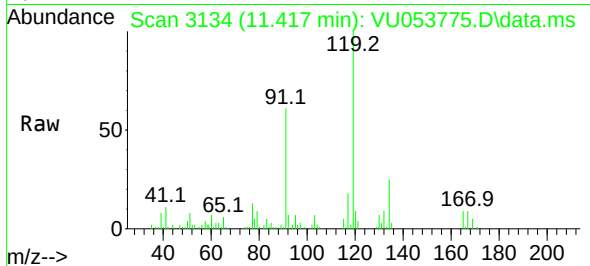




#77
tert-Butylbenzene
Concen: 0.931 ug/l
RT: 11.417 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

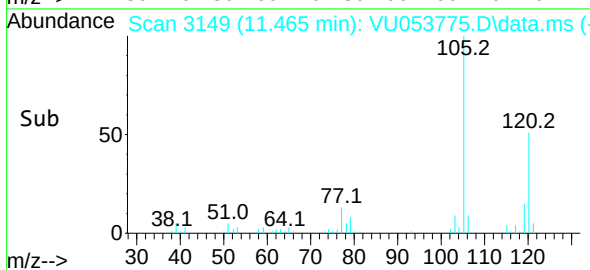
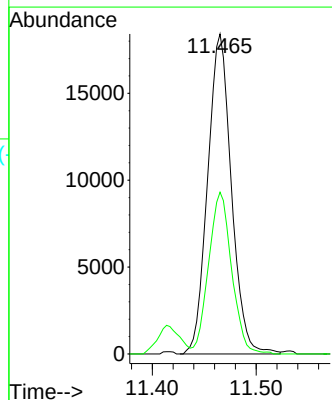
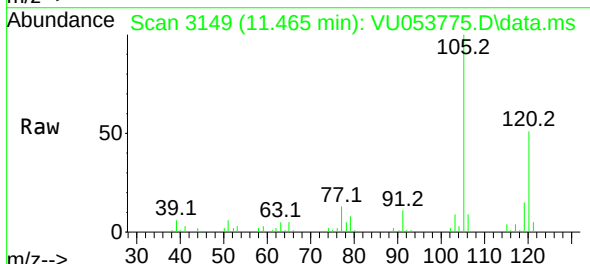
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

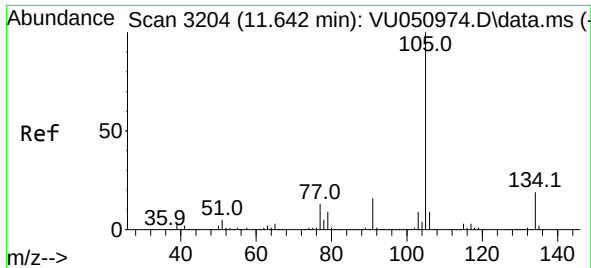
Tgt Ion:119 Resp: 29294
Ion Ratio Lower Upper
119 100
91 60.6 30.8 92.4
134 24.5 18.0 27.0



#78
1,2,4-Trimethylbenzene
Concen: 0.855 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion:105 Resp: 29224
Ion Ratio Lower Upper
105 100
120 49.1 21.9 65.8

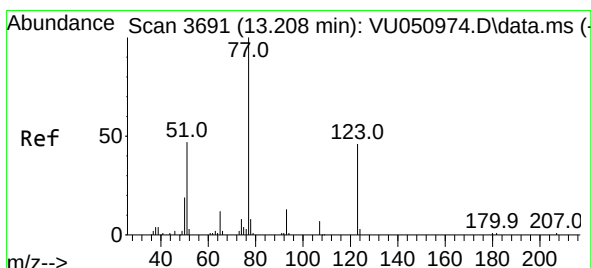
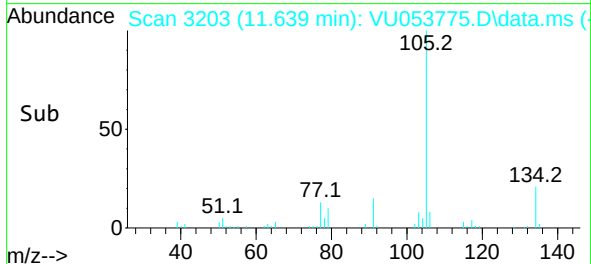
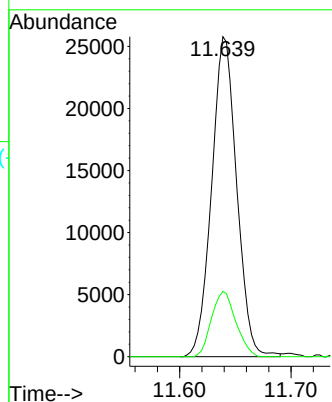
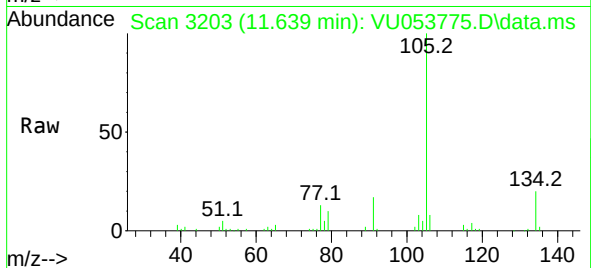




#79
 sec-Butylbenzene
 Concen: 0.901 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU053775.D
 Acq: 19 Apr 2023 10:52

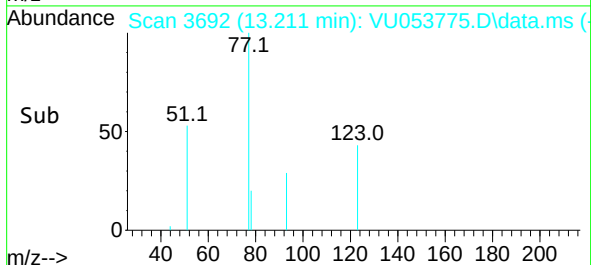
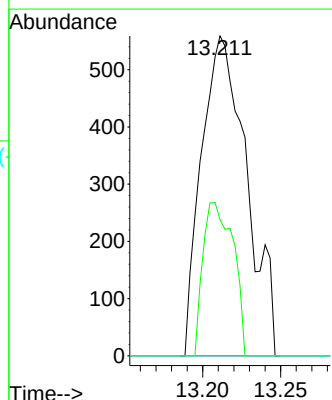
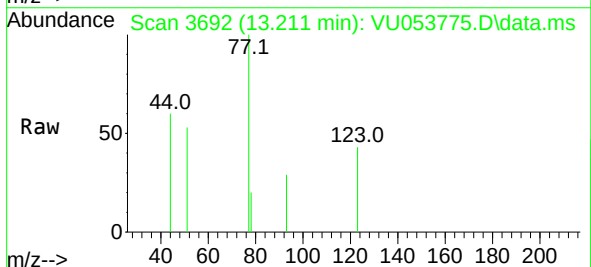
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

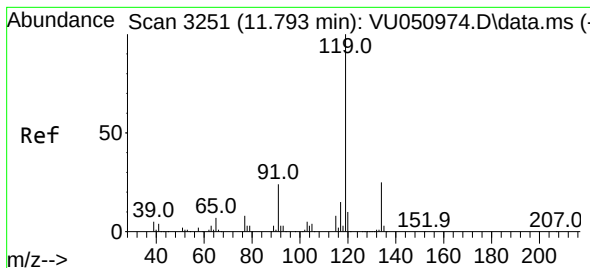
Tgt Ion:105 Resp: 40284
 Ion Ratio Lower Upper
 105 100
 134 19.7 14.9 22.3



#80
 Nitrobenzene
 Concen: 5.630 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.010 min
 Lab File: VU053775.D
 Acq: 19 Apr 2023 10:52

Tgt Ion: 77 Resp: 1124
 Ion Ratio Lower Upper
 77 100
 123 32.1 19.7 69.7
 65 0.0 11.5 14.7#





#81

p-Isopropyltoluene

Concen: 0.923 ug/l

RT: 11.790 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

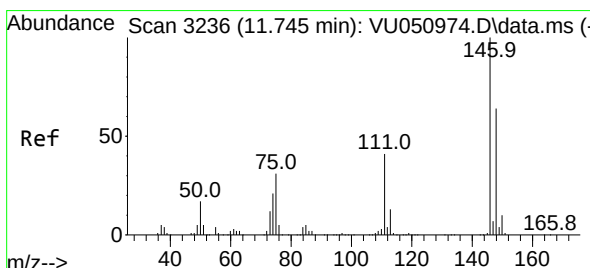
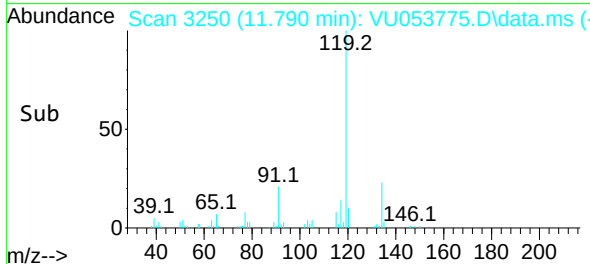
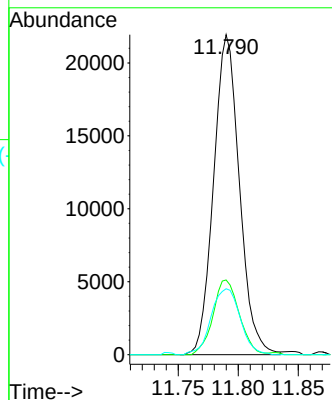
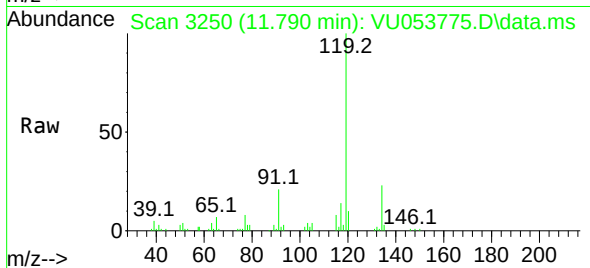
Tgt Ion:119 Resp: 32769

Ion Ratio Lower Upper

119 100

134 23.8 20.2 30.4

91 23.3 19.3 28.9



#82

1,3-Dichlorobenzene

Concen: 1.095 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. 0.000 min

Lab File: VU053775.D

Acq: 19 Apr 2023 10:52

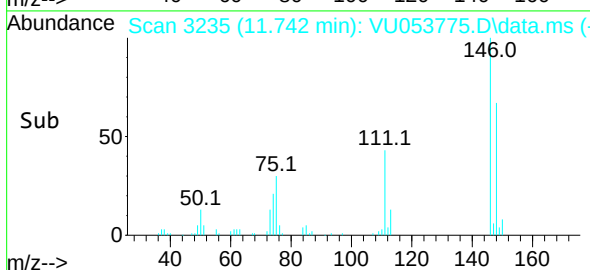
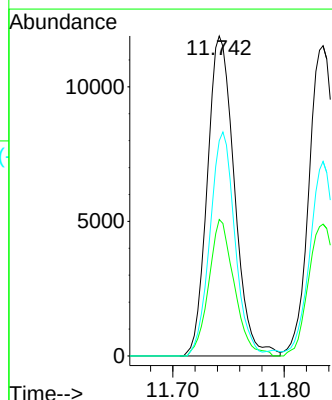
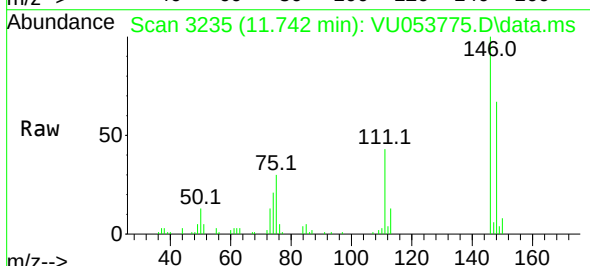
Tgt Ion:146 Resp: 20022

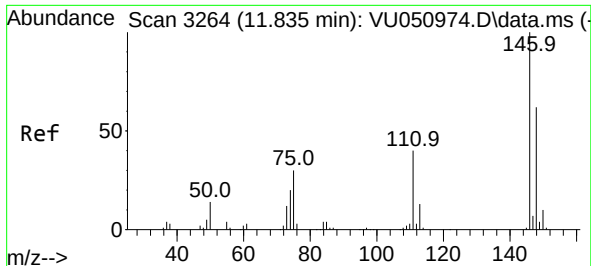
Ion Ratio Lower Upper

146 100

111 40.3 32.6 49.0

148 64.7 51.0 76.4

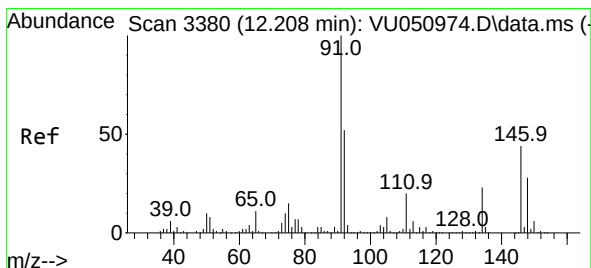
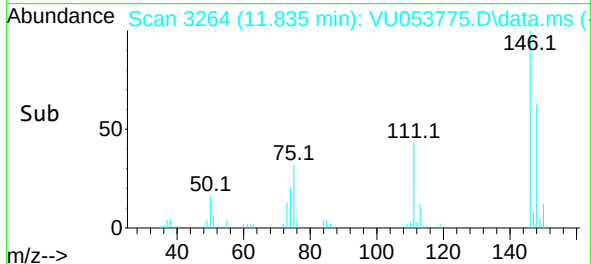
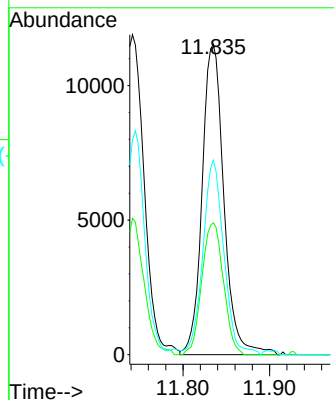
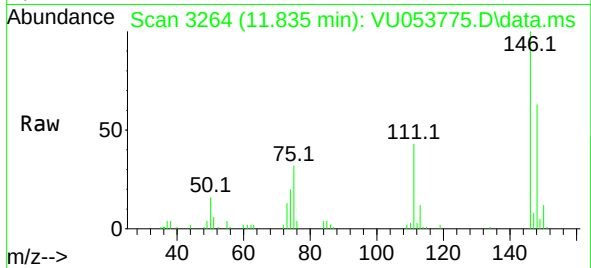




#83
1,4-Dichlorobenzene
Concen: 1.084 ug/l
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

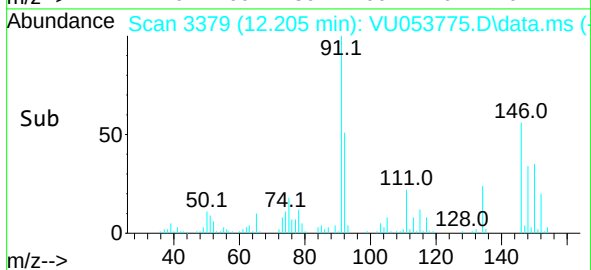
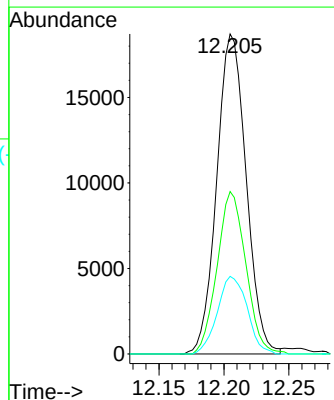
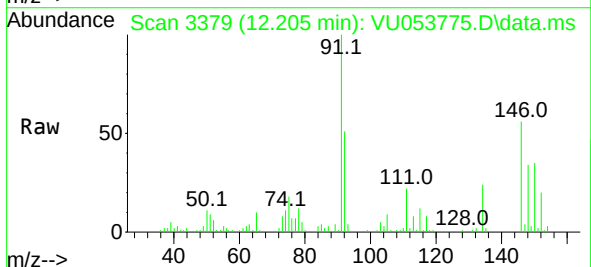
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

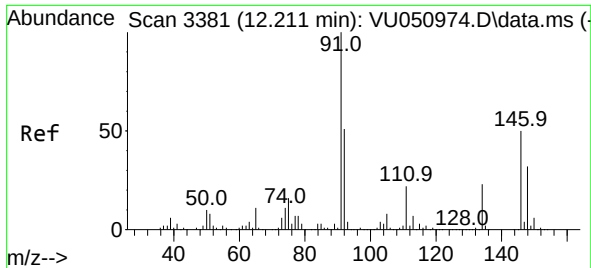
Tgt Ion:146 Resp: 20144
Ion Ratio Lower Upper
146 100
111 42.0 31.6 47.4
148 60.4 50.3 75.5



#84
n-Butylbenzene
Concen: 0.851 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion: 91 Resp: 29434
Ion Ratio Lower Upper
91 100
92 49.5 40.8 61.2
134 24.6 18.4 27.6

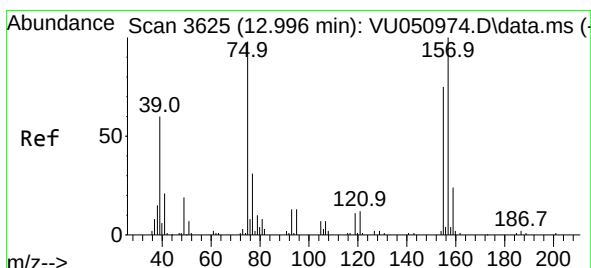
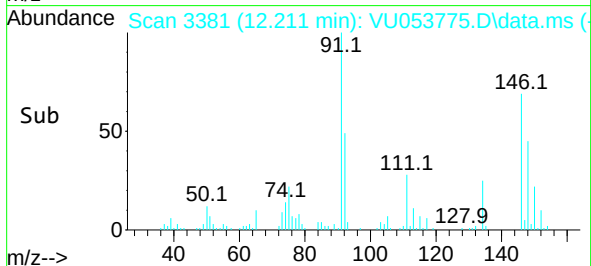
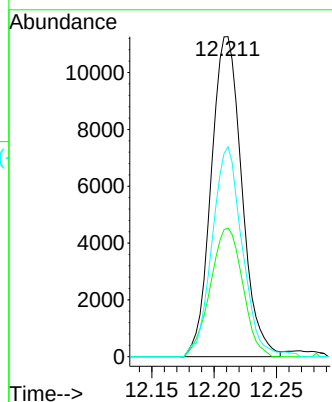
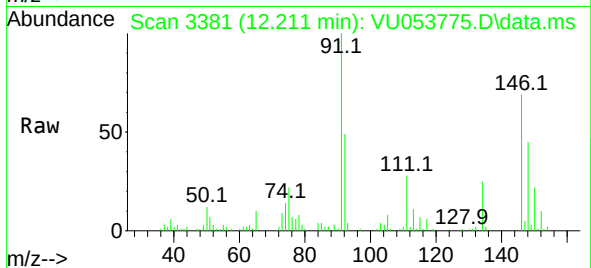




#85
 1,2-Dichlorobenzene
 Concen: 1.098 ug/l
 RT: 12.211 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU053775.D
 Acq: 19 Apr 2023 10:52

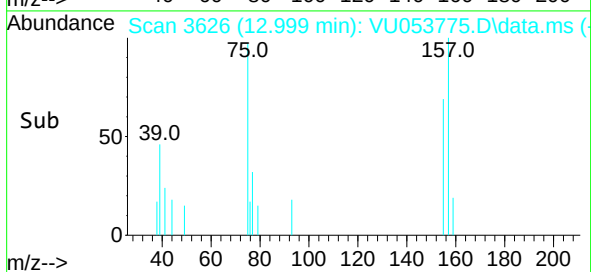
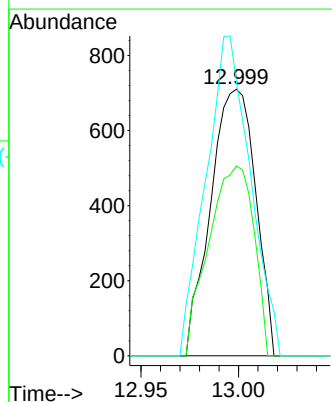
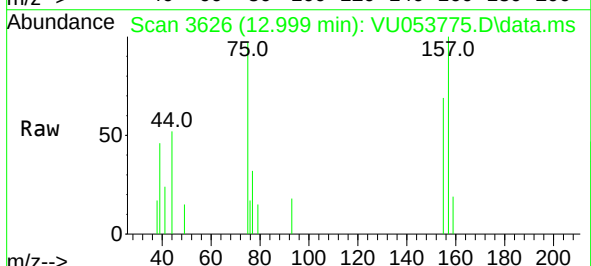
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

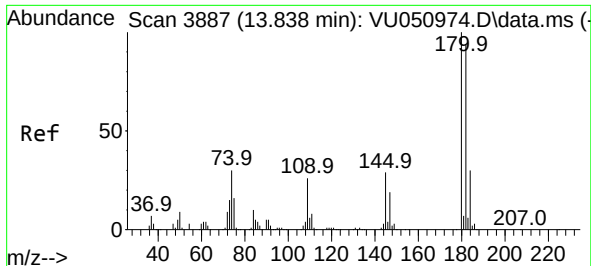
Tgt Ion:	146	Resp:	19288
Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.6	64.6
148	64.8	32.1	96.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.999 ug/l
 RT: 12.999 min Scan# 3626
 Delta R.T. 0.006 min
 Lab File: VU053775.D
 Acq: 19 Apr 2023 10:52

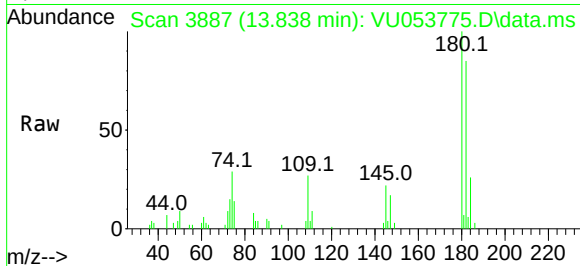
Tgt Ion:	75	Resp:	1140
Ion	Ratio	Lower	Upper
75	100		
155	71.5	61.8	92.8
157	118.1	80.2	120.4



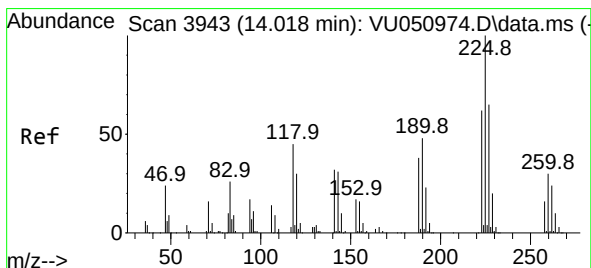
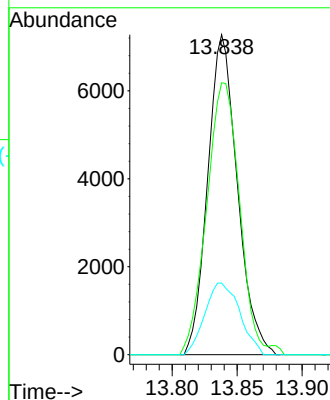
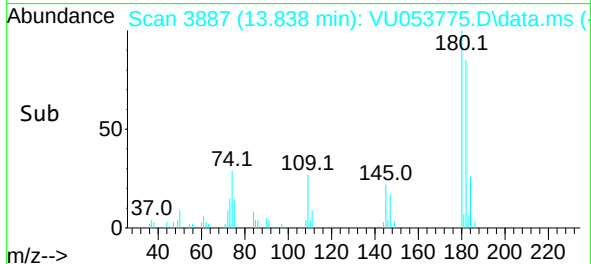


#87
1,2,4-Trichlorobenzene
Concen: 1.104 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

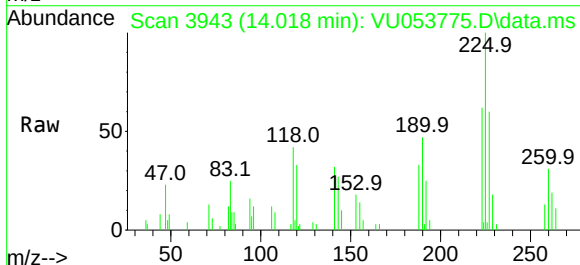
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



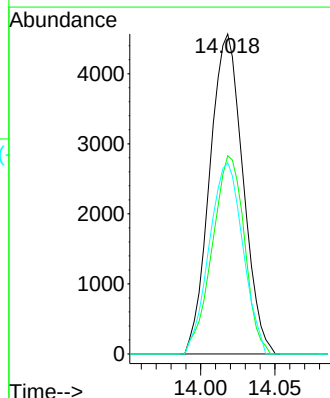
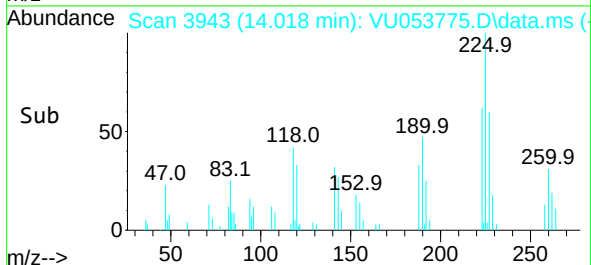
Tgt Ion:180 Resp: 11539
Ion Ratio Lower Upper
180 100
182 94.6 75.8 113.6
145 26.4 23.9 35.9

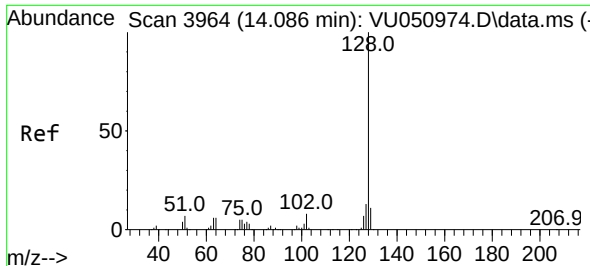


#88
Hexachlorobutadiene
Concen: 1.367 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. 0.000 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52



Tgt Ion:225 Resp: 7096
Ion Ratio Lower Upper
225 100
223 59.9 50.2 75.4
227 60.4 51.5 77.3

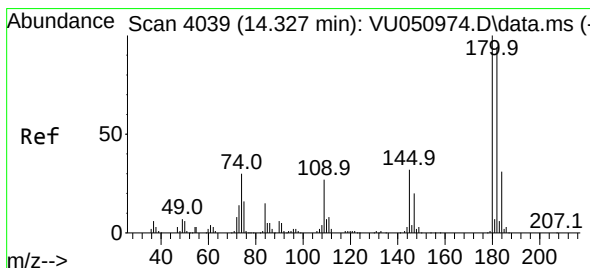
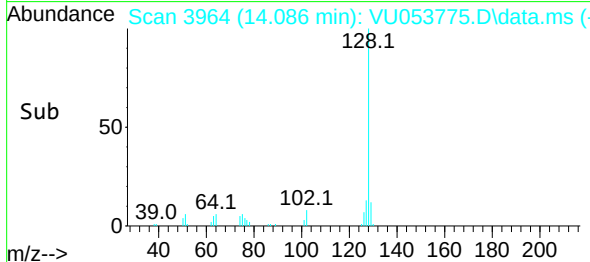
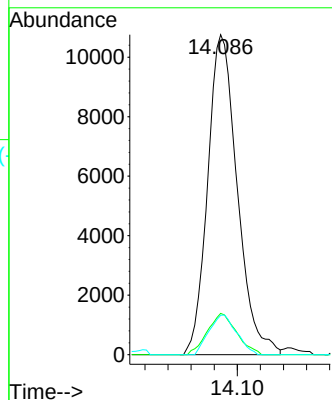
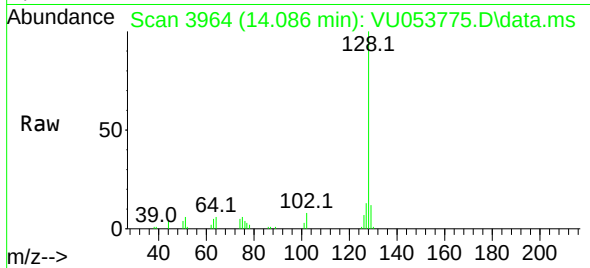




#89
Naphthalene
Concen: 0.923 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:	128	Resp:	19155
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.9	16.3
129	11.5	8.6	12.8



#90
1,2,3-Trichlorobenzene
Concen: 1.140 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU053775.D
Acq: 19 Apr 2023 10:52

Tgt Ion:	180	Resp:	10581
Ion Ratio	Lower	Upper	
180	100		
182	91.4	75.7	113.5
145	33.9	26.1	39.1

