

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070722\
 Data File : VU049655.D
 Acq On : 07 Jul 2022 16:26
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Jul 08 09:12:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 07 07:00:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	42221	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	14857	0.961	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	14405	1.012	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	173842	10.751	ug/l	99
3) Chloromethane	1.533	50	163675	9.897	ug/l	98
4) Vinyl Chloride	1.604	62	158427	10.507	ug/l	99
5) Bromomethane	1.855	94	69206	8.800	ug/l	97
6) Chloroethane	1.932	64	86173	10.204	ug/l	97
7) Trichlorofluoromethane	2.137	101	199646	11.047	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	99919	10.522	ug/l	99
9) 1,1-Dichloroethene	2.578	96	95231	9.948	ug/l	94
10) Iodomethane	2.723	142	123427	10.164	ug/l	95
11) Allyl Chloride	2.922	41	165284	10.125	ug/l	95
12) Acrylonitrile	3.317	53	54284	21.209	ug/l	98
13) Acetone	2.629	43	102828	58.076	ug/l	98
14) Carbon Disulfide	2.790	76	307170	9.745	ug/l	100
15) Methylene Chloride	3.044	84	120081	10.016	ug/l	98
16) trans-1,2-Dichloroethene	3.350	96	99648	9.912	ug/l	96
17) 1,1-Dichloroethane	3.867	63	212348	10.215	ug/l	99
18) 2-Butanone	4.716	43	182208	55.298	ug/l	100
19) Cyclohexane	5.385	56	175073	8.812	ug/l	90
20) Methylcyclohexane	6.761	83	195310	9.972	ug/l	99
21) 2,2-Dichloropropane	4.665	77	171579	10.086	ug/l	98
22) cis-1,2-Dichloroethene	4.668	96	123451	9.957	ug/l	97
23) Diethyl Ether	2.379	59	83991	10.299	ug/l	96
24) tert-Butyl Alcohol	3.198	59	120382	129.383	ug/l	98
25) Methyl tert-Butyl Ether	3.369	73	280898	10.493	ug/l	97
26) Bromochloromethane	4.973	128	54940	10.525	ug/l	99
27) Chloroform	5.089	83	215529	10.536	ug/l	99
28) 1,1,1-Trichloroethane	5.314	97	192379	10.663	ug/l	99
29) 1,1-Dichloropropene	5.523	75	163428	10.144	ug/l	99
30) Carbon Tetrachloride	5.523	117	165075	10.867	ug/l	98
31) Isopropyl Ether	4.002	45	358913	10.067	ug/l	97
32) Ethyl-t-butyl ether	4.510	59	338018	10.017	ug/l	99
33) Tert-Amyl methyl ether	5.948	73	298943	10.189	ug/l	99
34) Propionitrile	4.787	54	56060	56.795	ug/l	97
35) Benzene	5.774	78	470579	10.250	ug/l	99
36) 1,2-Dichloroethane	5.796	62	142507	10.917	ug/l	98
37) Trichloroethene	6.542	130	113669	9.797	ug/l	99
38) 1,2-Dichloropropane	6.793	63	127239	10.469	ug/l	99
39) Methacrylonitrile	4.980	41	44545	10.533	ug/l	98
40) Methyl acrylate	4.851	55	70856	10.698	ug/l	99
41) Tetrahydrofuran	5.063	42	49870	22.533	ug/l	97
42) 1-Chlorobutane	5.459	56	234116	10.362	ug/l	99
43) Dibromomethane	6.919	93	65269	10.777	ug/l	97
44) Bromodichloromethane	7.108	83	158025	10.887	ug/l	98

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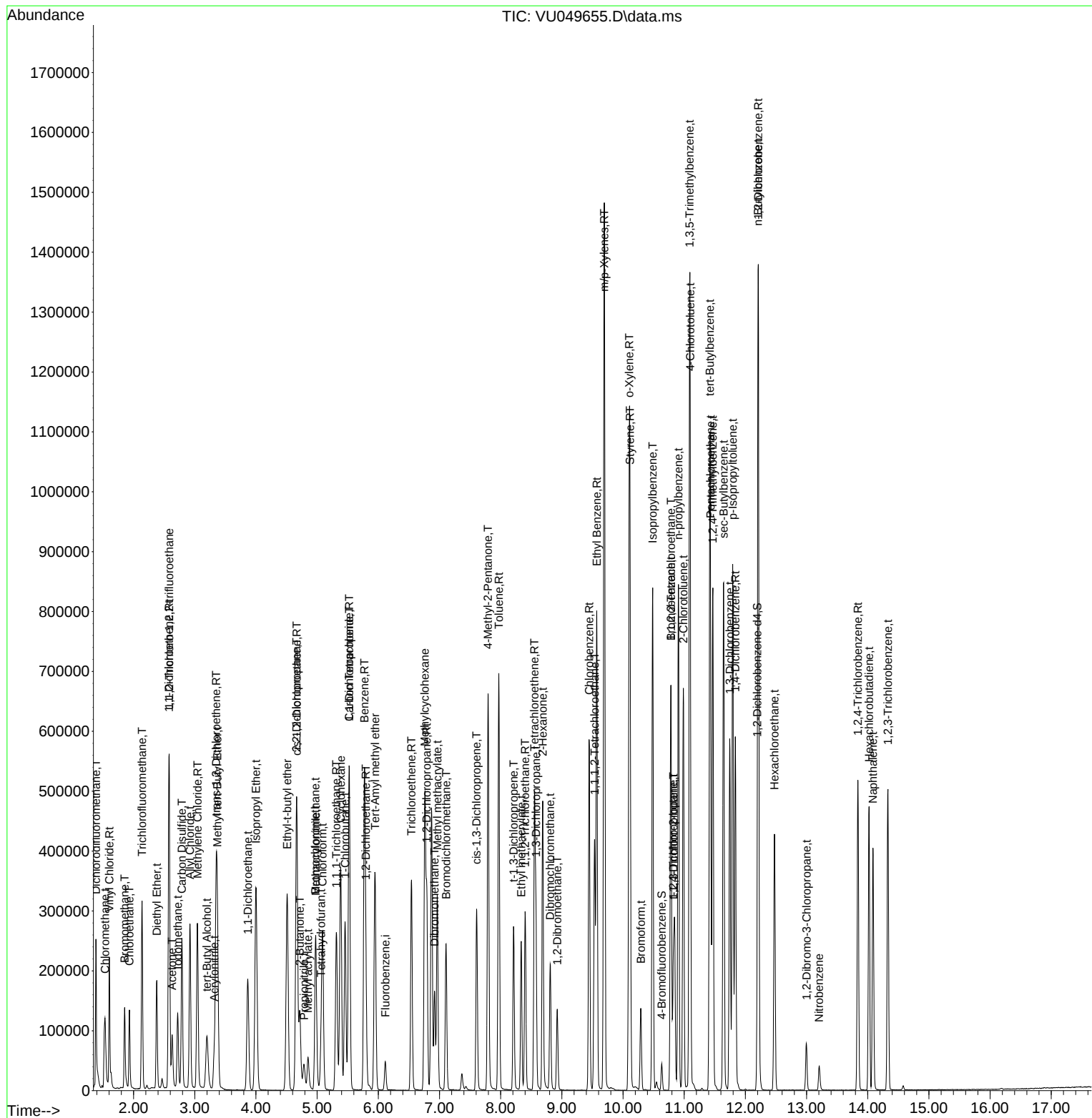
Instrument :
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 ClientSampleId :
 VSTDCCC010EC

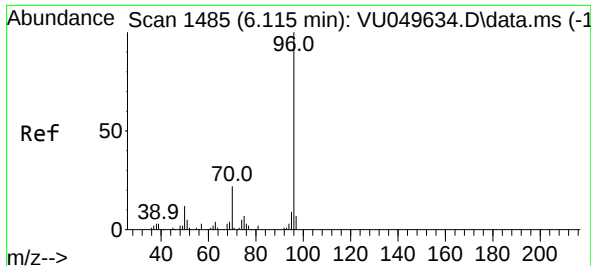
Quant Time: Jul 08 09:12:11 2022
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 07 07:00:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	439892	53.519	ug/l	99
46) t-1,4-Dichloro-2-butene	10.825	75	147912	55.299	ug/l #	53
47) Methyl methacrylate	6.964	69	130103	21.306	ug/l	96
48) Ethyl methacrylate	8.337	69	126501	10.326	ug/l	98
49) Toluene	7.970	92	283830	10.124	ug/l	99
50) t-1,3-Dichloropropene	8.211	75	147636	10.530	ug/l	99
51) cis-1,3-Dichloropropene	7.607	75	172625	10.390	ug/l	99
52) 1,1,2-Trichloroethane	8.401	97	87534	10.473	ug/l	97
53) 1,3-Dichloropropane	8.578	76	157071	10.471	ug/l	100
54) 2-Hexanone	8.687	43	307700	53.903	ug/l	98
55) Dibromochloromethane	8.809	129	104729	10.970	ug/l	100
56) 1,2-Dibromoethane	8.925	107	85595	10.576	ug/l	99
58) Tetrachloroethene	8.552	164	97527	10.109	ug/l	96
59) Chlorobenzene	9.446	112	294477	10.040	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.536	131	111457	10.684	ug/l	98
61) Pentachloroethane	11.430	117	84952	10.606	ug/l	99
62) Hexachloroethane	12.475	117	83425	10.399	ug/l	98
63) Ethyl Benzene	9.571	91	546204	10.347	ug/l	99
64) m/p-Xylenes	9.693	106	403612	20.669	ug/l	99
65) o-Xylene	10.102	106	196105	10.218	ug/l	100
66) Styrene	10.115	104	328470	10.653	ug/l	99
67) Bromoform	10.291	173	59631	10.946	ug/l	99
69) Isopropylbenzene	10.484	105	525970	10.261	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.783	83	113519	10.455	ug/l	97
71) 1,2,3-Trichloropropane	10.825	75	147912	16.454	ug/l	71
72) Bromobenzene	10.783	156	121103	10.484	ug/l	99
73) n-propylbenzene	10.906	120	137142	10.602	ug/l	99
74) 2-Chlorotoluene	10.986	126	119375	10.350	ug/l	99
75) 1,3,5-Trimethylbenzene	11.089	105	444232	10.366	ug/l	99
76) 4-Chlorotoluene	11.099	126	118713	10.262	ug/l	96
77) tert-Butylbenzene	11.420	119	431474	10.226	ug/l	100
78) 1,2,4-Trimethylbenzene	11.468	105	453344	10.538	ug/l	99
79) sec-Butylbenzene	11.645	105	576602	10.418	ug/l	100
80) Nitrobenzene	13.205	77	23688	53.328	ug/l #	98
81) p-Isopropyltoluene	11.793	119	474068	10.559	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	231260	10.349	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	231546	10.269	ug/l	99
84) n-Butylbenzene	12.208	91	455072	10.884	ug/l	99
85) 1,2-Dichlorobenzene	12.211	146	221211	10.219	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	21196	11.194	ug/l	90
87) 1,2,4-Trichlorobenzene	13.838	180	156906	10.744	ug/l	100
88) Hexachlorobutadiene	14.021	225	81681	10.974	ug/l	99
89) Naphthalene	14.086	128	320551	10.468	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	148092	10.619	ug/l	100

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

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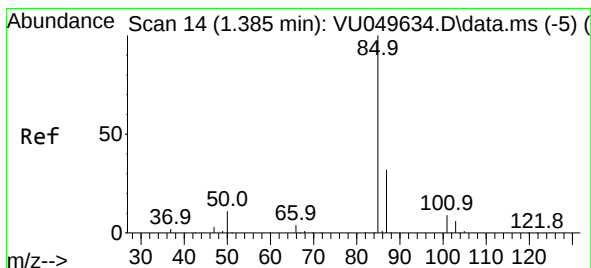
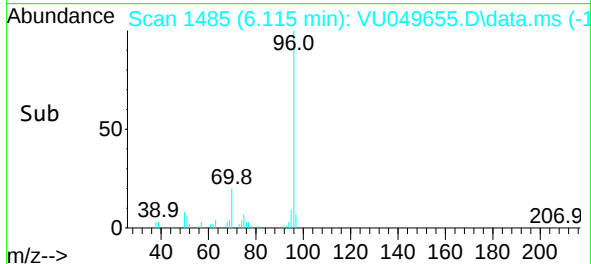
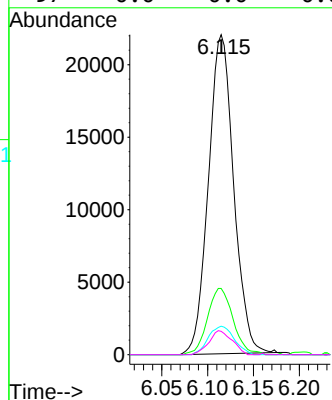
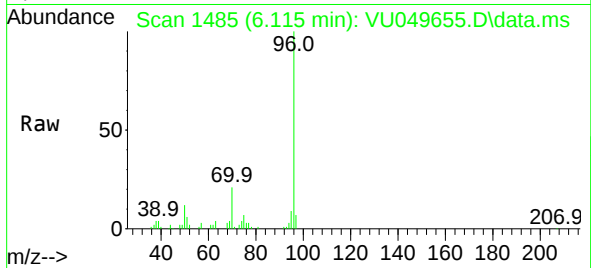




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

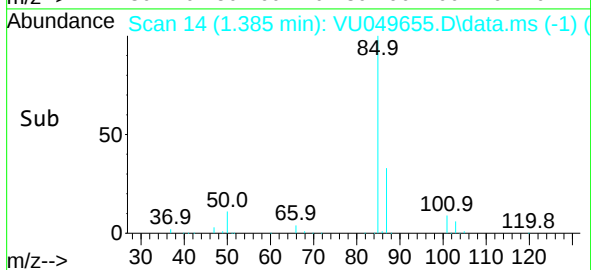
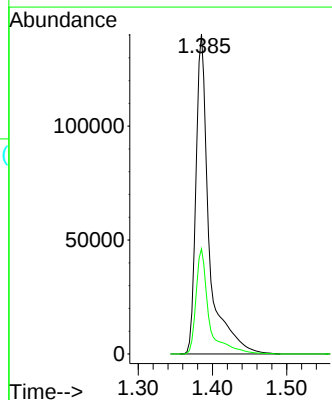
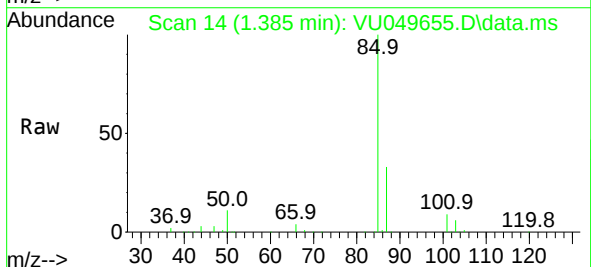
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:	96	Resp:	42221
Ion	Ratio	Lower	Upper
96	100		
70	21.0	16.7	25.1
95	9.1	7.4	11.0
97	0.0	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 10.751 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion:	85	Resp:	173842
Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.3	48.8

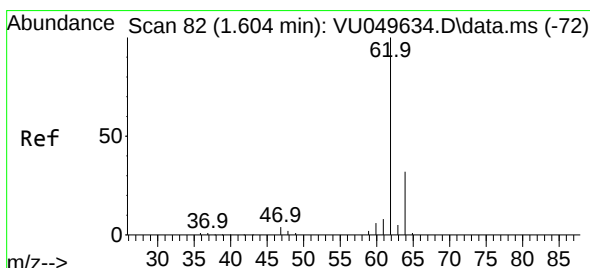
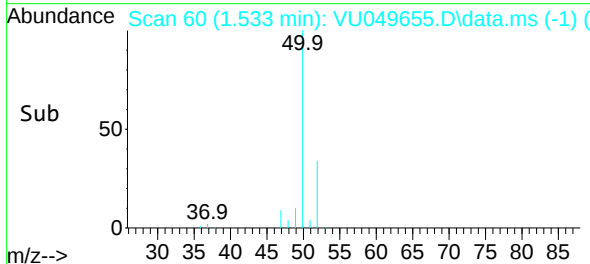
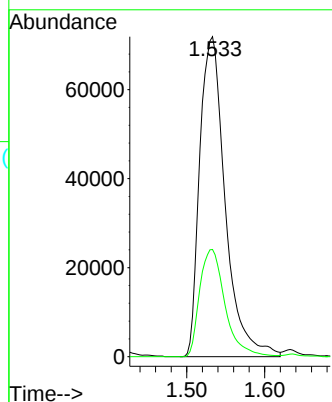
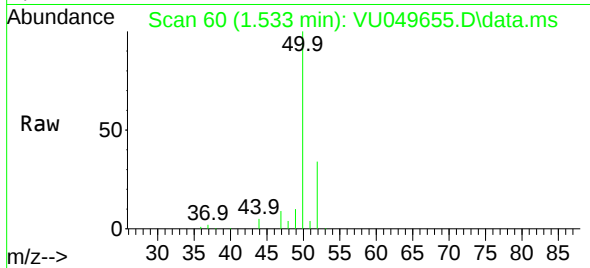




#3
Chloromethane
Concen: 9.897 ug/l
RT: 1.533 min Scan# 60
Delta R.T. 0.007 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

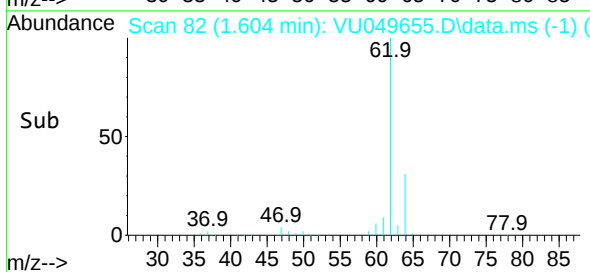
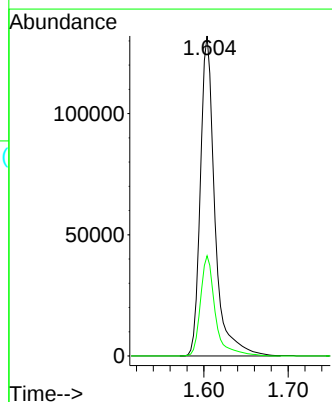
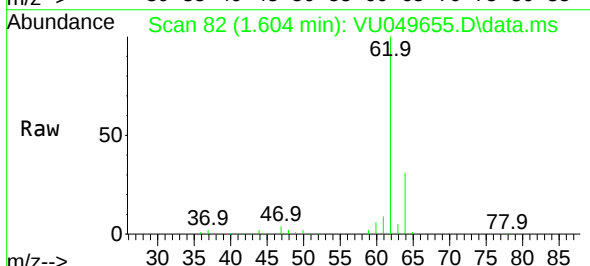
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MSVOA_U
ClientSampleId :
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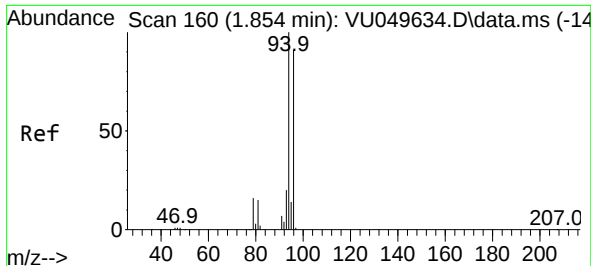
Tgt Ion: 50 Resp: 163675
Ion Ratio Lower Upper
50 100
52 33.5 26.1 39.1



#4
Vinyl Chloride
Concen: 10.507 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion: 62 Resp: 158427
Ion Ratio Lower Upper
62 100
64 31.3 25.5 38.3

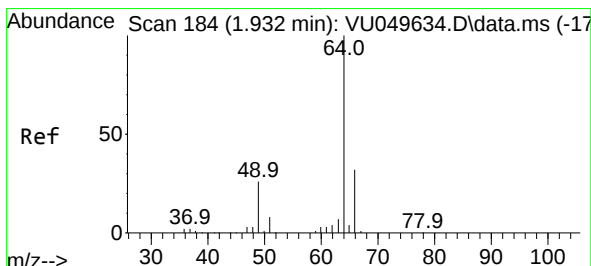
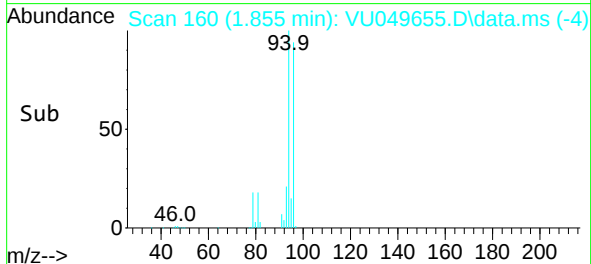
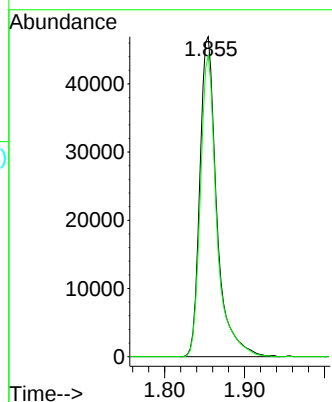
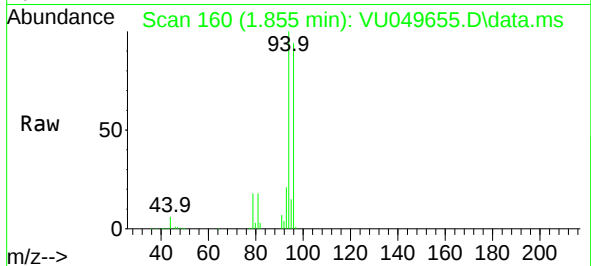




#5
Bromomethane
Concen: 8.800 ug/l
RT: 1.855 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

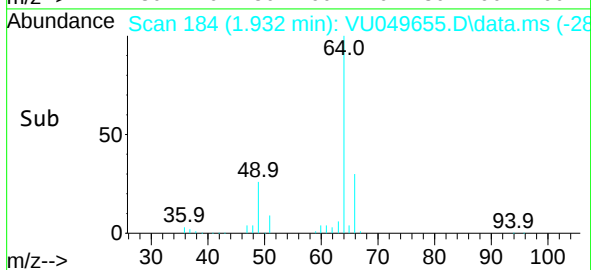
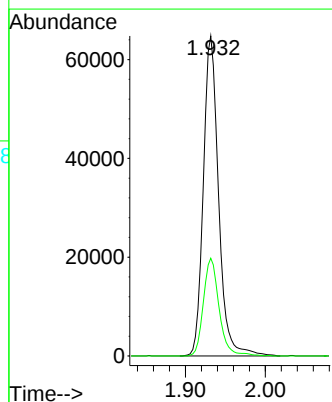
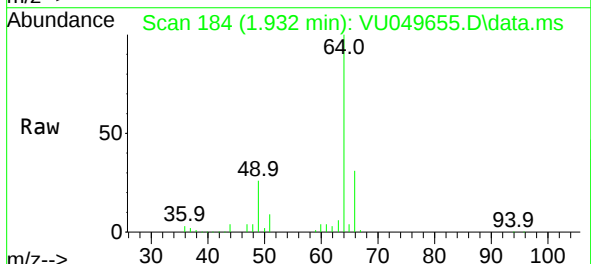
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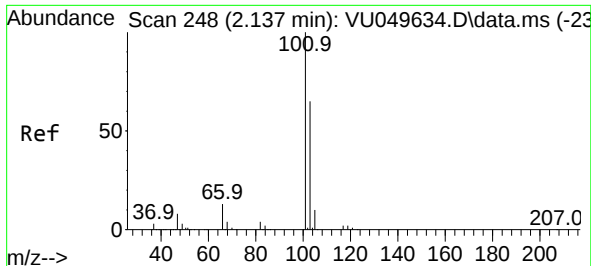
Tgt Ion: 94 Resp: 69206
Ion Ratio Lower Upper
94 100
96 94.2 73.0 109.6



#6
Chloroethane
Concen: 10.204 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion: 64 Resp: 86173
Ion Ratio Lower Upper
64 100
66 30.6 25.8 38.6

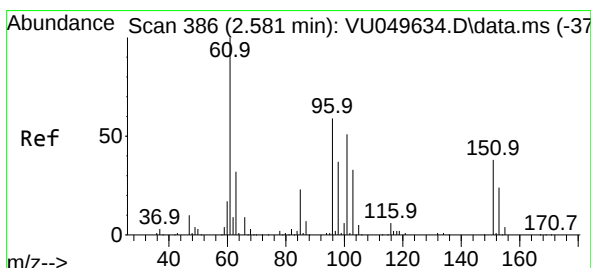
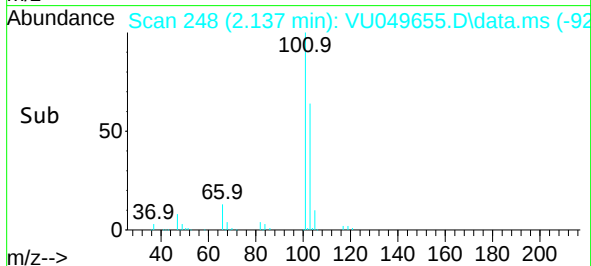
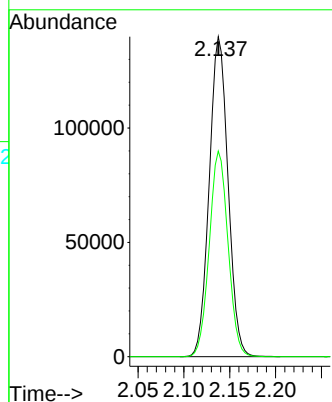
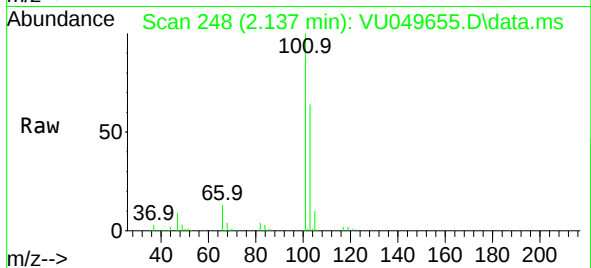




#7
 Trichlorofluoromethane
 Concen: 11.047 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU049655.D
 Acq: 07 Jul 2022 16:26

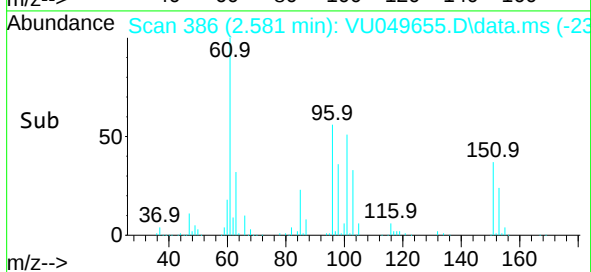
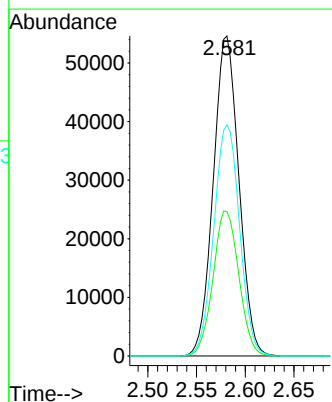
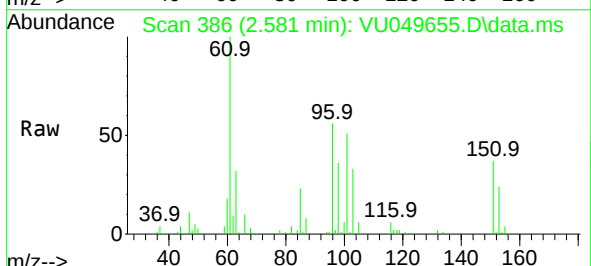
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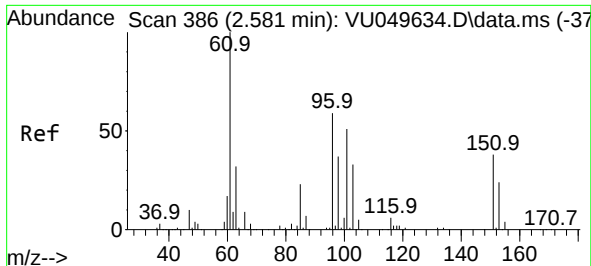
Tgt Ion:101 Resp: 199646
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.522 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU049655.D
 Acq: 07 Jul 2022 16:26

Tgt Ion:101 Resp: 99919
 Ion Ratio Lower Upper
 101 100
 85 45.6 36.4 54.6
 151 73.1 59.1 88.7

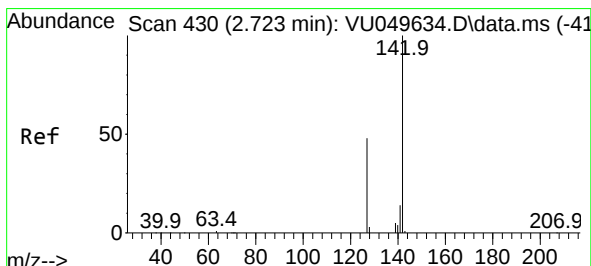
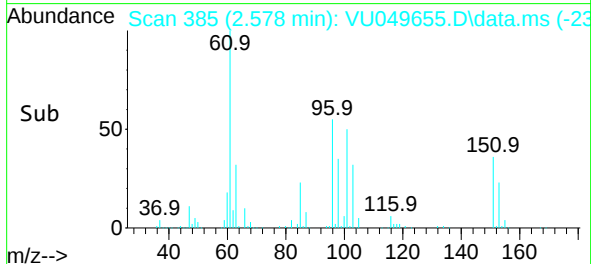
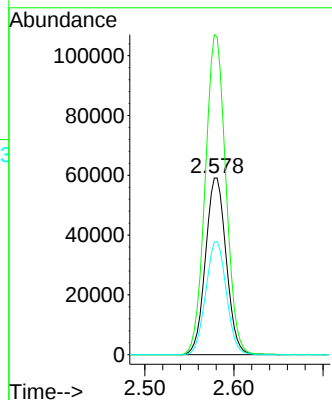
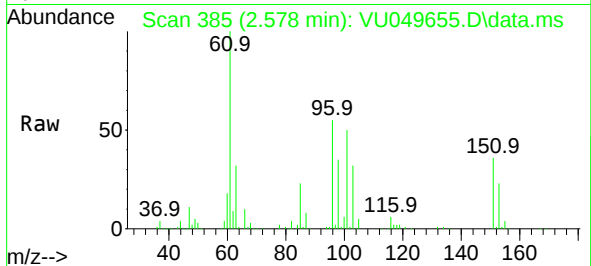




#9
1,1-Dichloroethene
Concen: 9.948 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

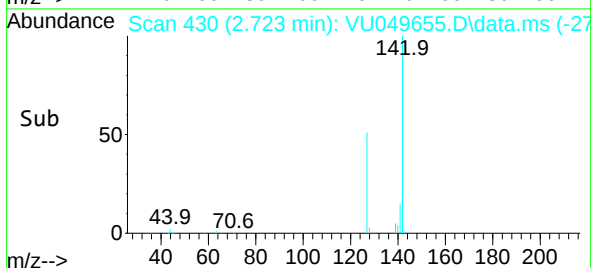
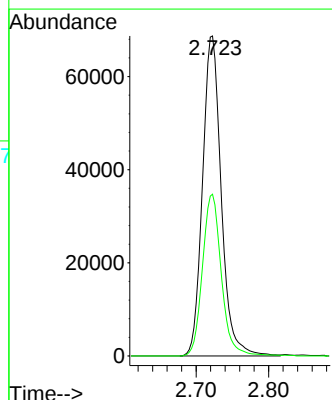
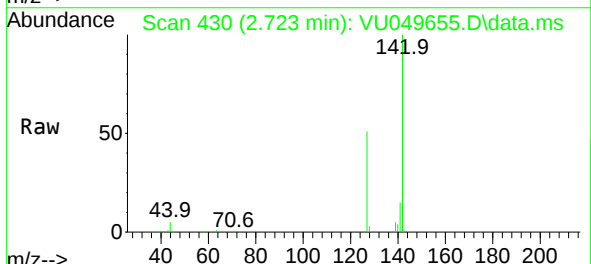
Instrument :
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ClientSampleId :
VSTDCCC010EC

Tgt Ion: 96 Resp: 95231
Ion Ratio Lower Upper
96 100
61 181.1 0.0 510.6
98 63.6 0.0 124.6



#10
Iodomethane
Concen: 10.164 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion: 142 Resp: 123427
Ion Ratio Lower Upper
142 100
127 51.0 38.2 57.2





#11

Allyl Chloride

Concen: 10.125 ug/l

RT: 2.922 min Scan# 492

Delta R.T. 0.000 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

Instrument :

MSVOA_U

ClientSampleId :

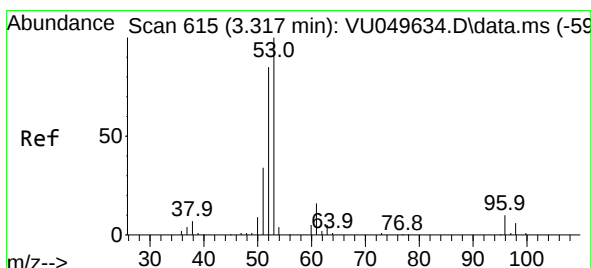
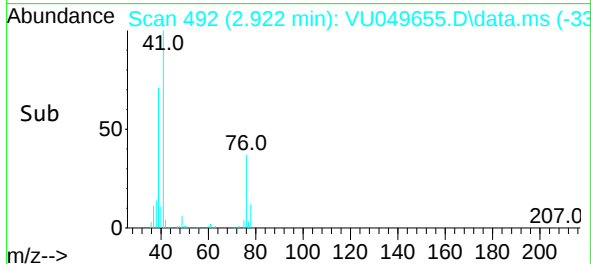
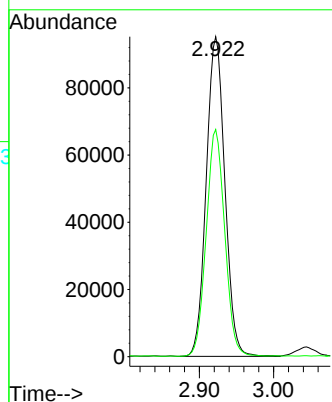
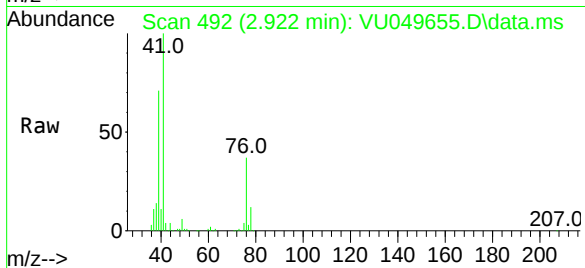
VSTDCCC010EC

Tgt Ion: 41 Resp: 165284

Ion Ratio Lower Upper

41 100

39 70.7 53.2 79.8



#12

Acrylonitrile

Concen: 21.209 ug/l

RT: 3.317 min Scan# 615

Delta R.T. 0.000 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

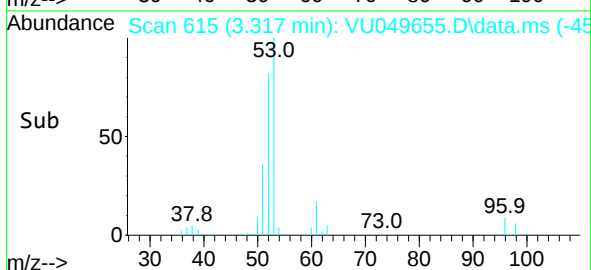
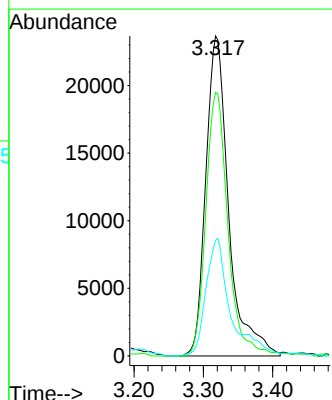
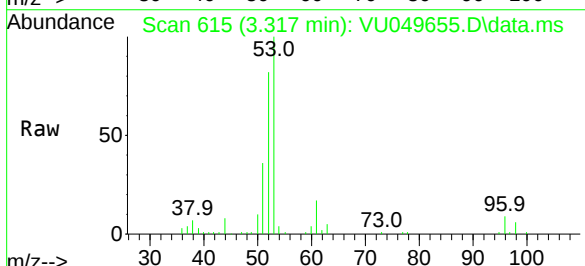
Tgt Ion: 53 Resp: 54284

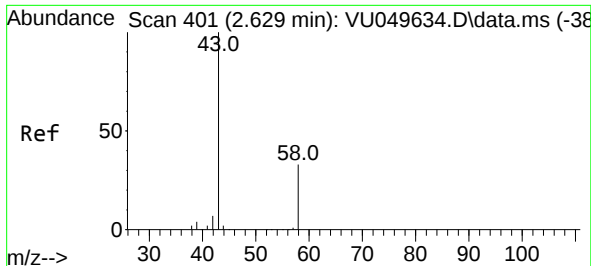
Ion Ratio Lower Upper

53 100

52 79.4 64.6 97.0

51 39.4 30.7 46.1





#13

Acetone

Concen: 58.076 ug/l

RT: 2.629 min Scan# 401

Delta R.T. 0.000 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

Instrument :

MSVOA_U

ClientSampleId :

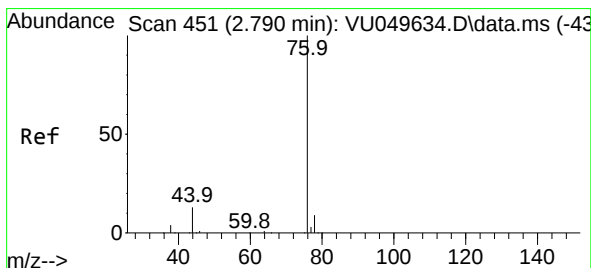
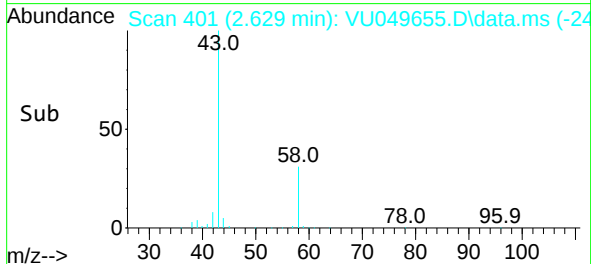
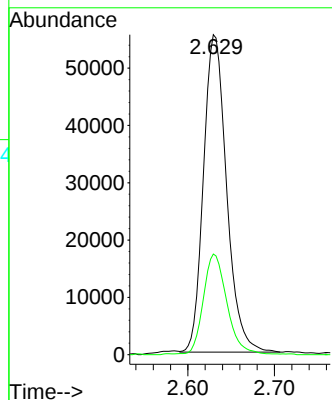
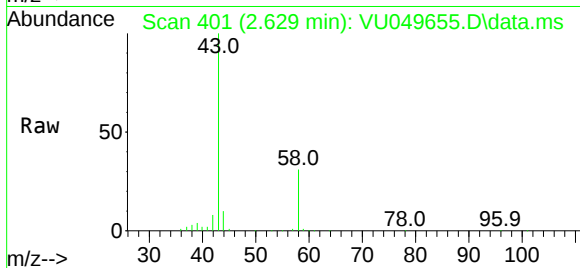
VSTDCCC010EC

Tgt Ion: 43 Resp: 102828

Ion Ratio Lower Upper

43 100

58 31.5 26.2 39.2



#14

Carbon Disulfide

Concen: 9.745 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU049655.D

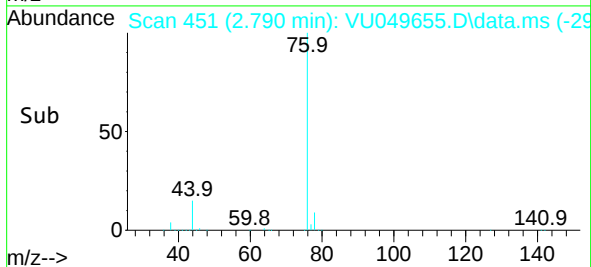
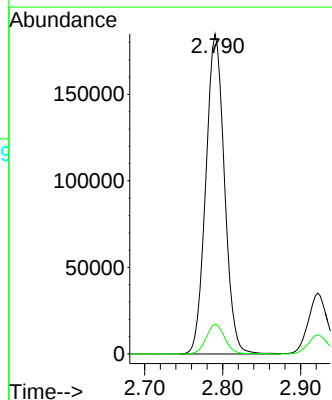
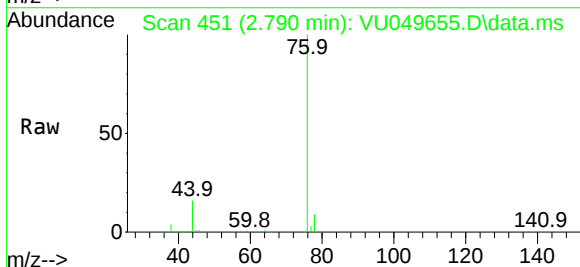
Acq: 07 Jul 2022 16:26

Tgt Ion: 76 Resp: 307170

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

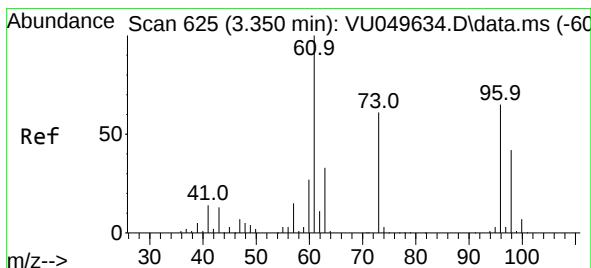
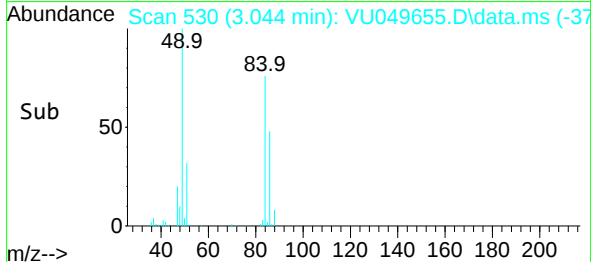
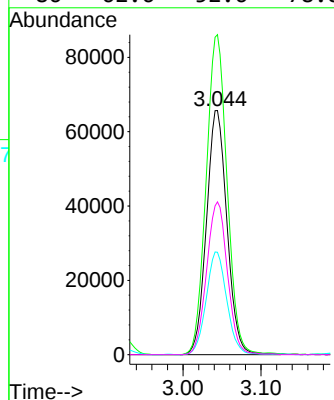
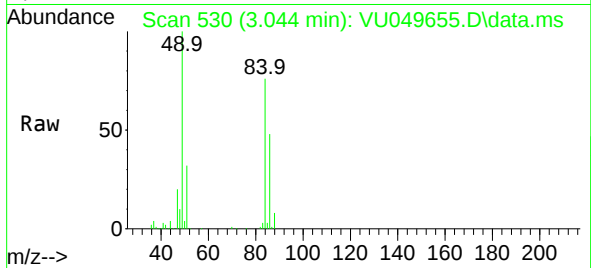




#15
Methylene Chloride
Concen: 10.016 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

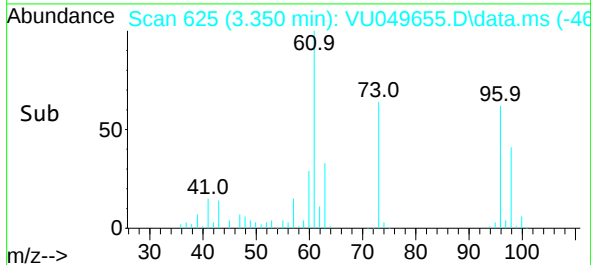
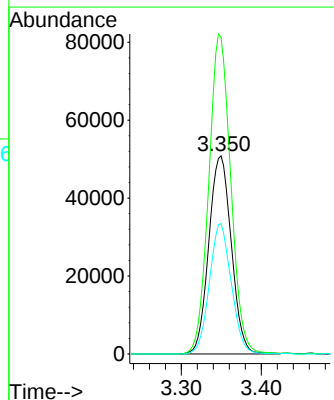
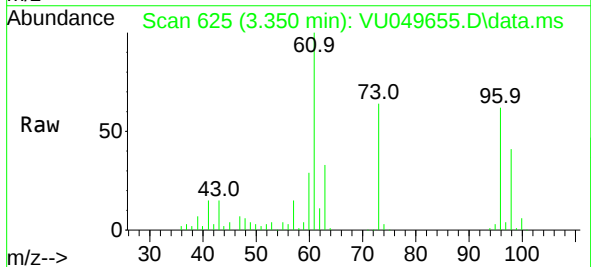
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

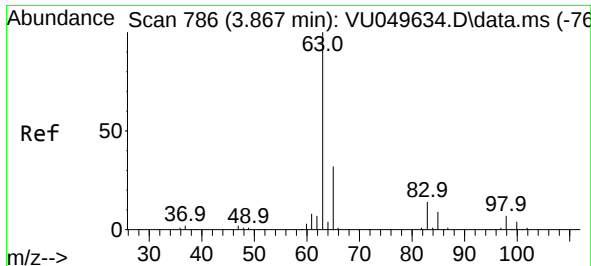
Tgt Ion: 84 Resp: 120081
Ion Ratio Lower Upper
84 100
49 131.1 104.6 157.0
51 42.0 0.0 81.4
86 62.6 52.6 78.8



#16
trans-1,2-Dichloroethene
Concen: 9.912 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion: 96 Resp: 99648
Ion Ratio Lower Upper
96 100
61 160.1 123.4 185.0
98 65.8 51.6 77.4

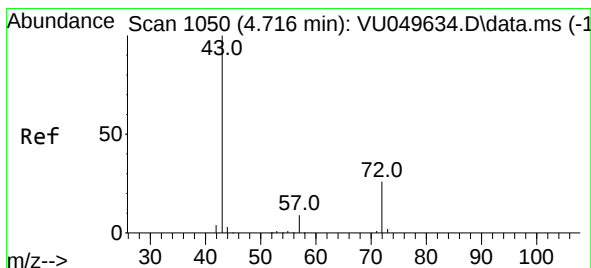
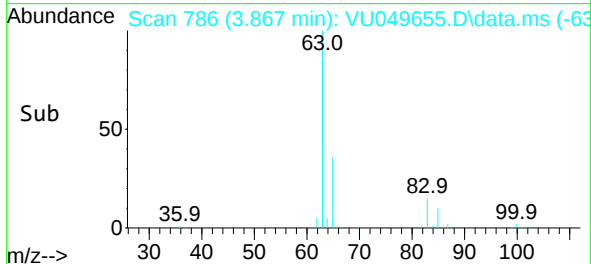
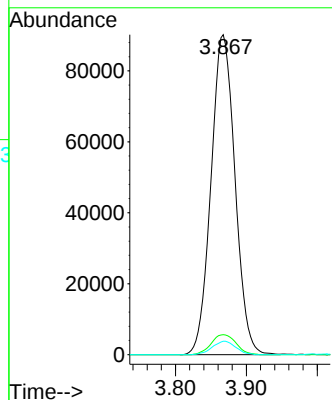
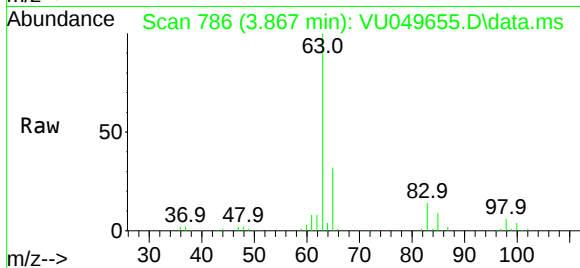




#17
1,1-Dichloroethane
Concen: 10.215 ug/l
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

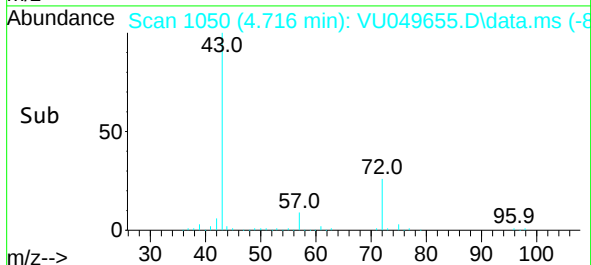
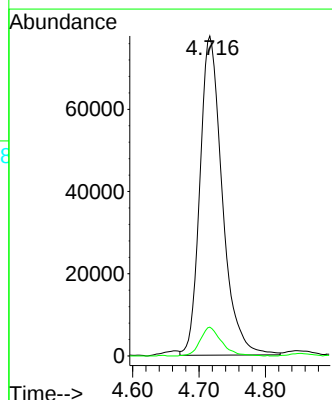
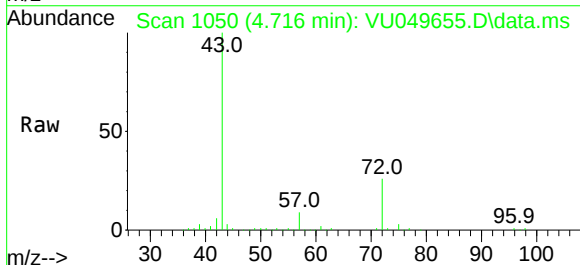
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

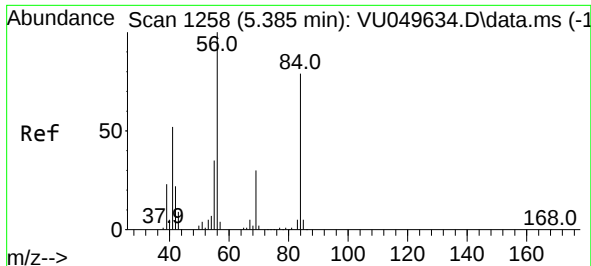
Tgt Ion: 63 Resp: 212348
Ion Ratio Lower Upper
63 100
98 6.2 3.4 10.2
100 4.2 2.0 6.0



#18
2-Butanone
Concen: 55.298 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion: 43 Resp: 182208
Ion Ratio Lower Upper
43 100
57 9.0 0.0 18.0





#19

Cyclohexane

Concen: 8.812 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

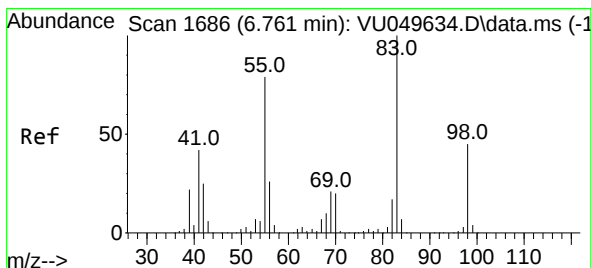
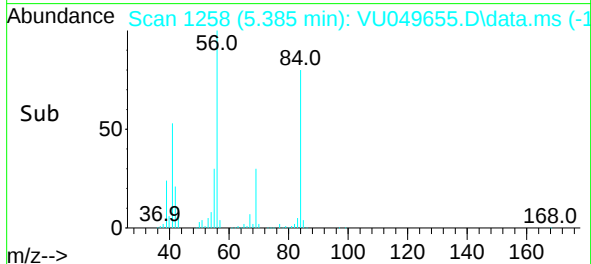
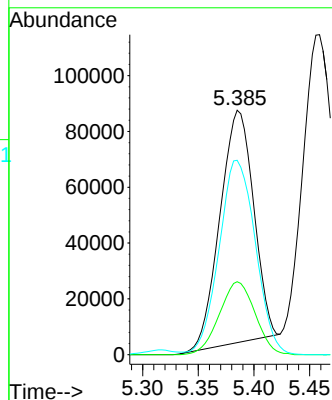
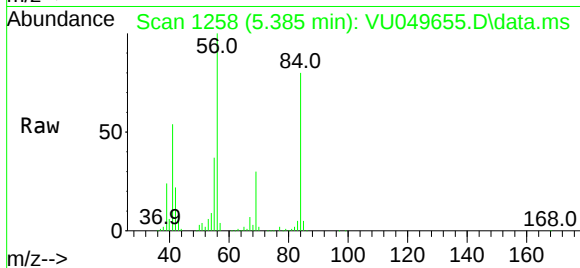
Tgt Ion: 56 Resp: 175073

Ion Ratio Lower Upper

56 100

69 33.4 24.2 36.4

84 89.0 63.4 95.2



#20

Methylcyclohexane

Concen: 9.972 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

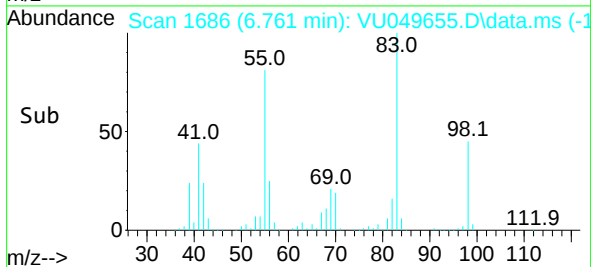
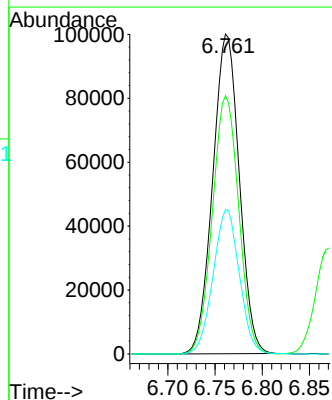
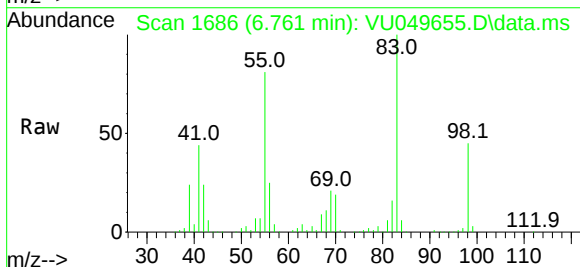
Tgt Ion: 83 Resp: 195310

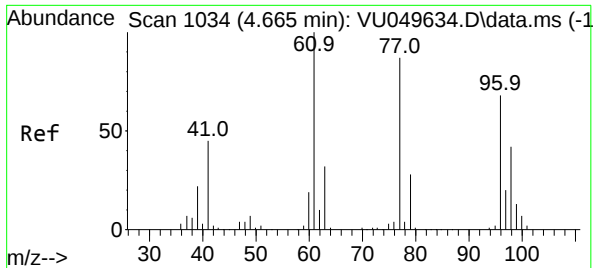
Ion Ratio Lower Upper

83 100

55 80.2 63.0 94.4

98 44.6 35.7 53.5





#21

2,2-Dichloropropane

Concen: 10.086 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

Instrument :

MSVOA_U

ClientSampleId :

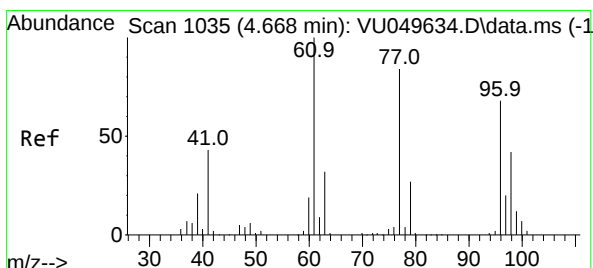
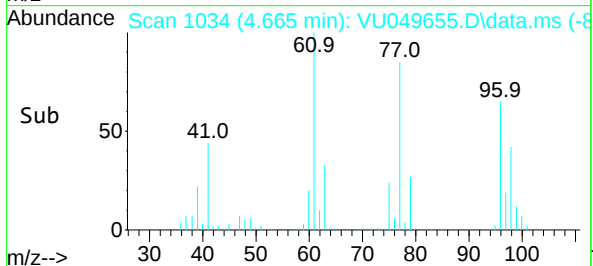
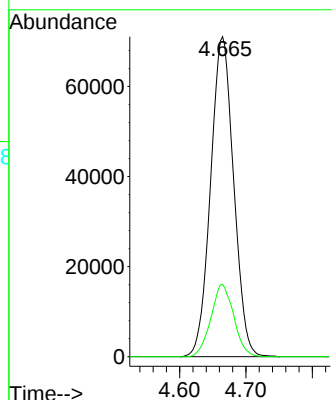
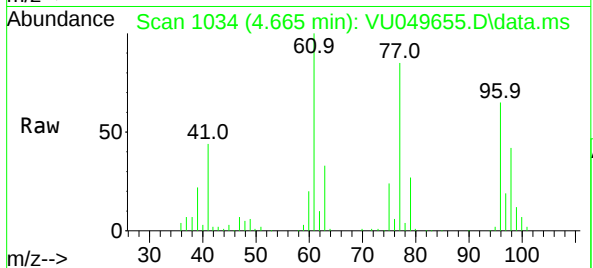
VSTDCCC010EC

Tgt Ion: 77 Resp: 171579

Ion Ratio Lower Upper

77 100

97 22.4 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 9.957 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

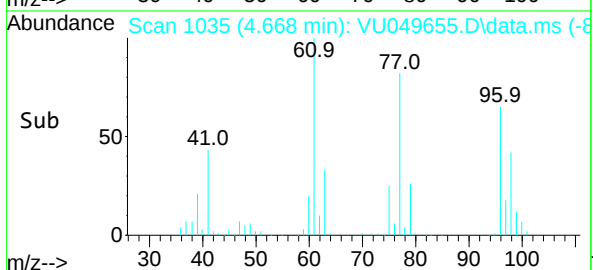
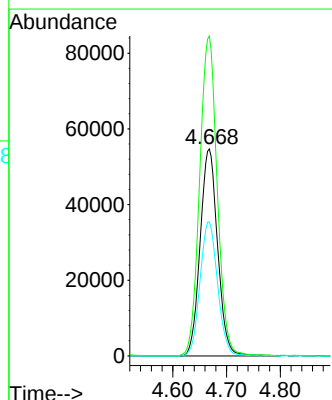
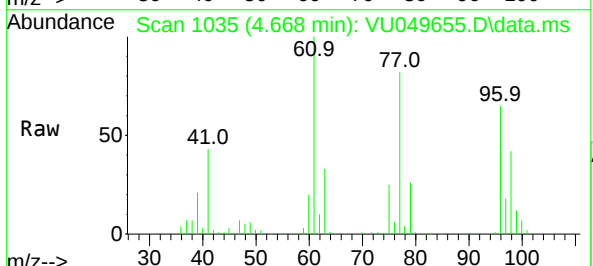
Tgt Ion: 96 Resp: 123451

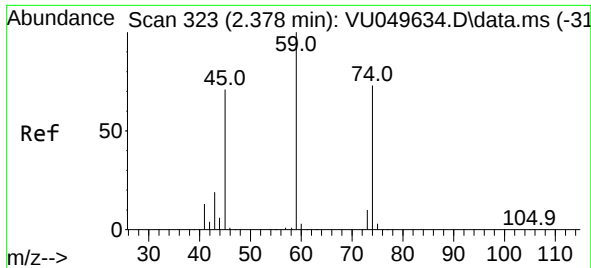
Ion Ratio Lower Upper

96 100

61 155.2 0.0 375.8

98 65.1 31.6 95.0

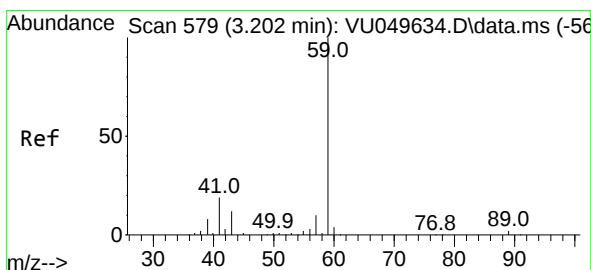
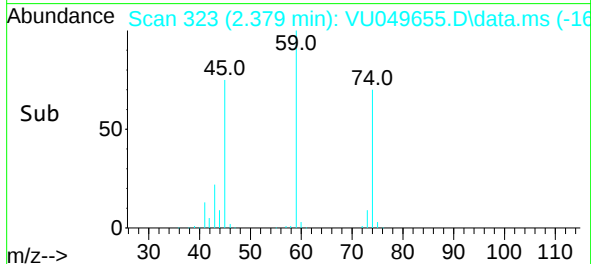
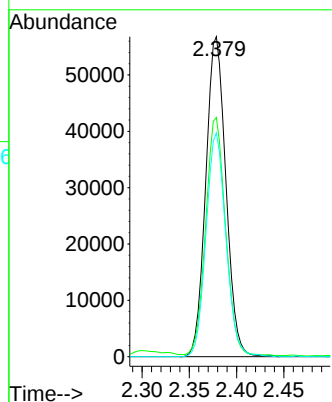
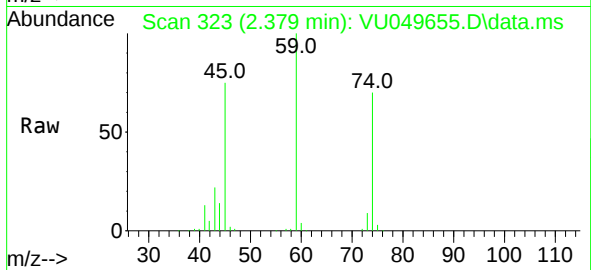




#23
Diethyl Ether
Concen: 10.299 ug/l
RT: 2.379 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

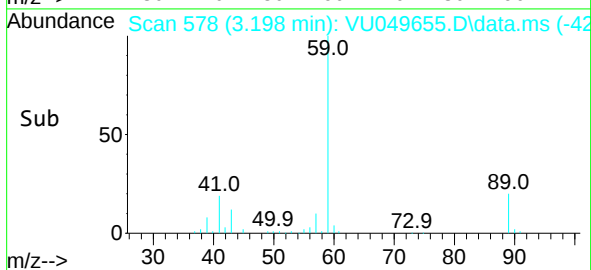
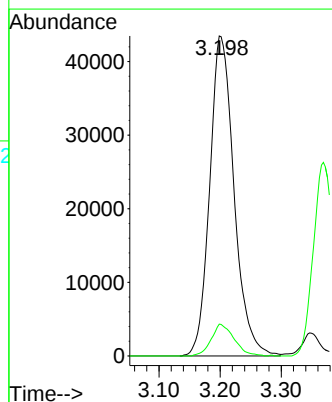
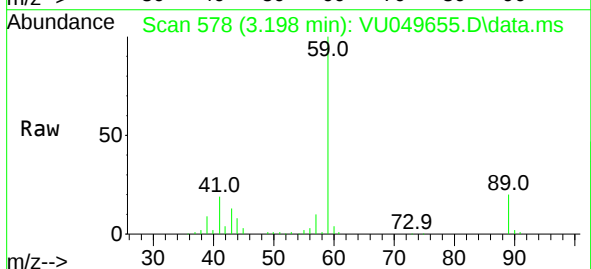
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

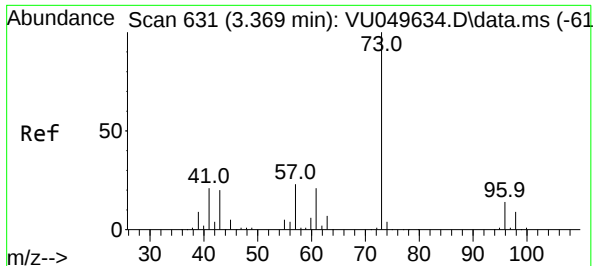
Tgt Ion: 59 Resp: 83991
Ion Ratio Lower Upper
59 100
45 73.6 56.0 84.0
74 69.3 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 129.383 ug/l
RT: 3.198 min Scan# 578
Delta R.T. -0.003 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion: 59 Resp: 120382
Ion Ratio Lower Upper
59 100
57 9.4 8.2 12.2

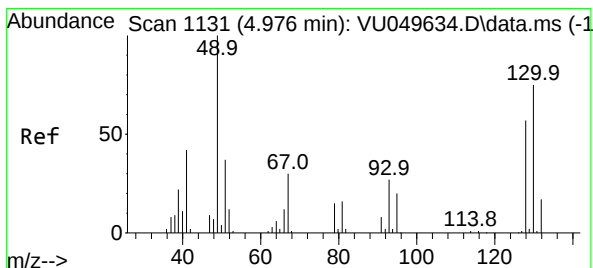
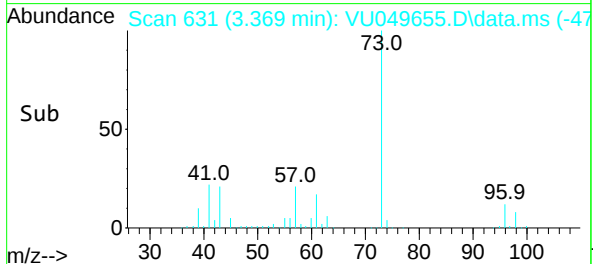
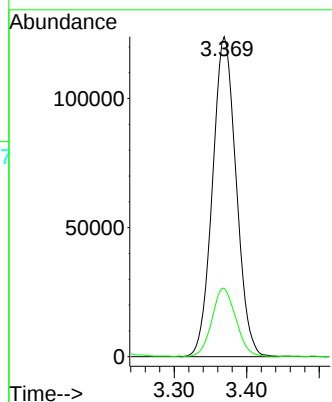
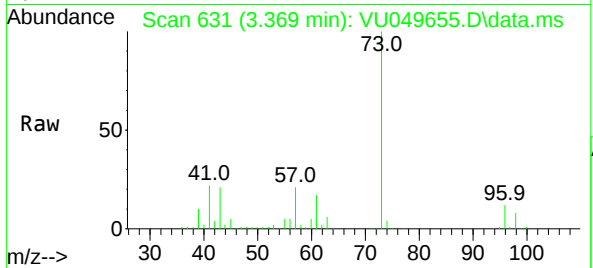




#25
Methyl tert-Butyl Ether
Concen: 10.493 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

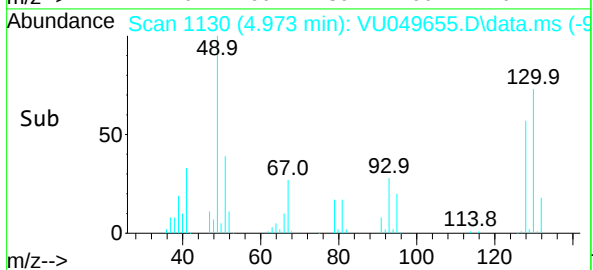
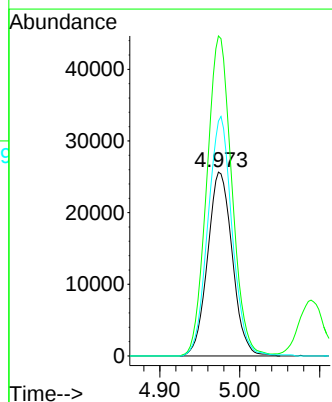
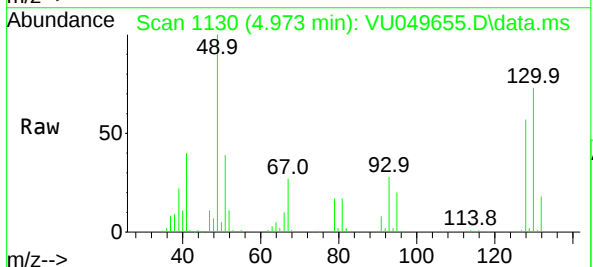
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

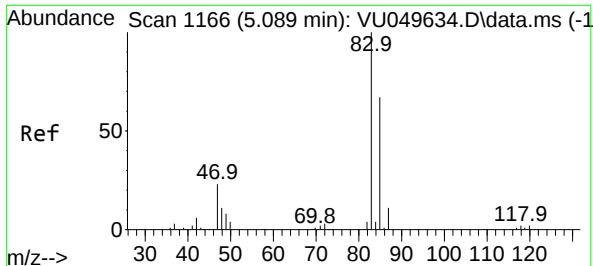
Tgt Ion: 73 Resp: 280898
Ion Ratio Lower Upper
73 100
43 21.4 15.9 23.9



#26
Bromochloromethane
Concen: 10.525 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion: 128 Resp: 54940
Ion Ratio Lower Upper
128 100
49 176.6 0.0 349.2
130 128.3 103.0 154.6





#27

Chloroform

Concen: 10.536 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

Instrument :

MSVOA_U

ClientSampleId :

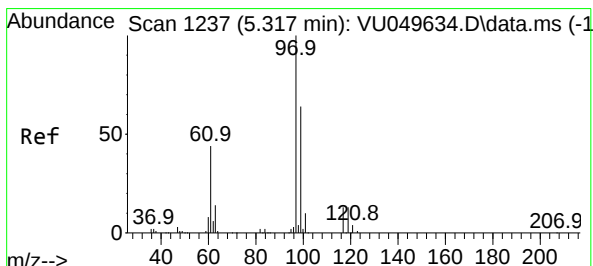
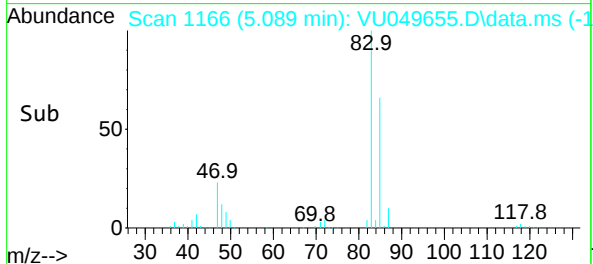
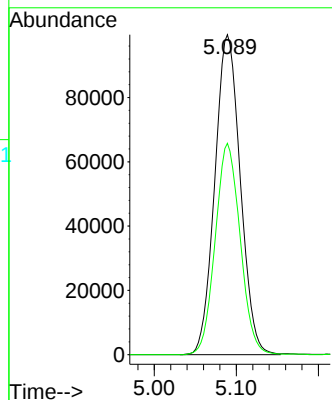
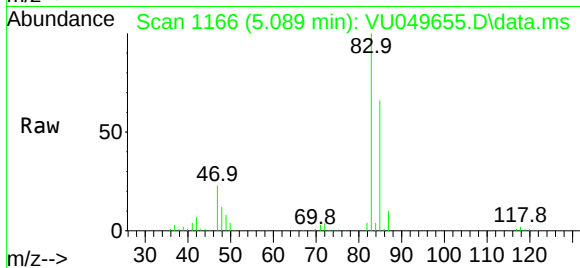
VSTDCCC010EC

Tgt Ion: 83 Resp: 215529

Ion Ratio Lower Upper

83 100

85 66.0 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 10.663 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

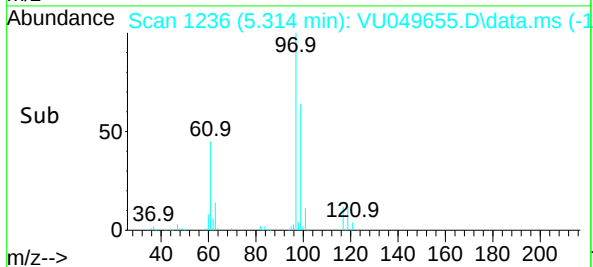
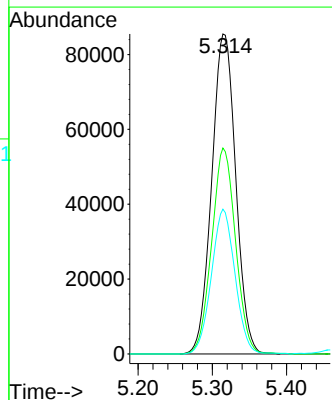
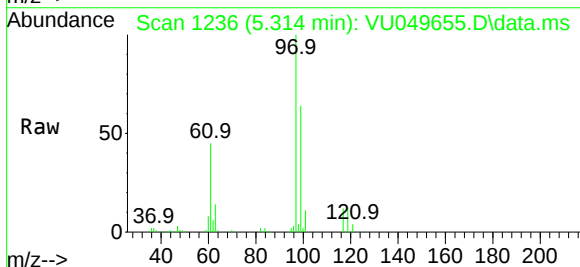
Tgt Ion: 97 Resp: 192379

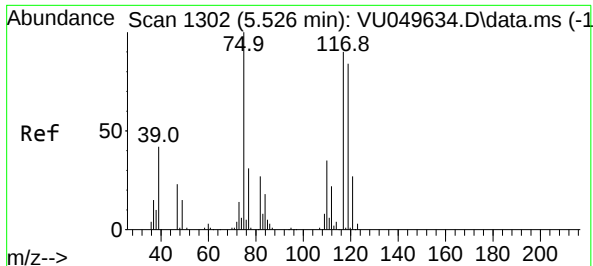
Ion Ratio Lower Upper

97 100

99 63.8 32.1 96.5

61 44.6 21.8 65.4





#29

1,1-Dichloropropene

Concen: 10.144 ug/l

RT: 5.523 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

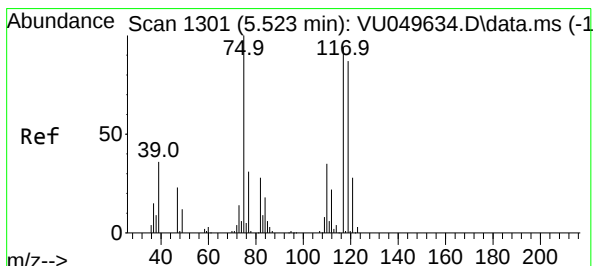
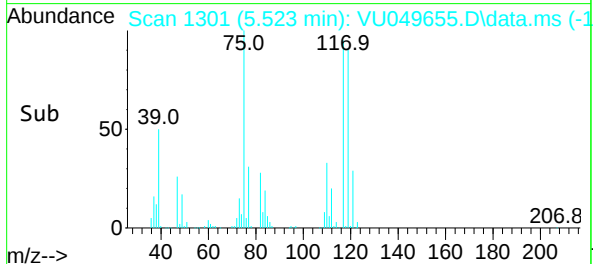
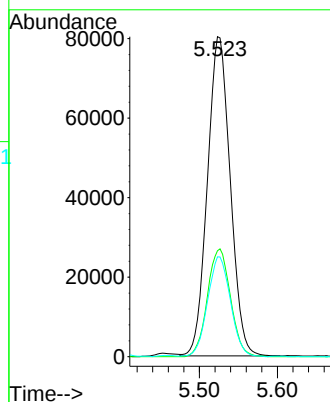
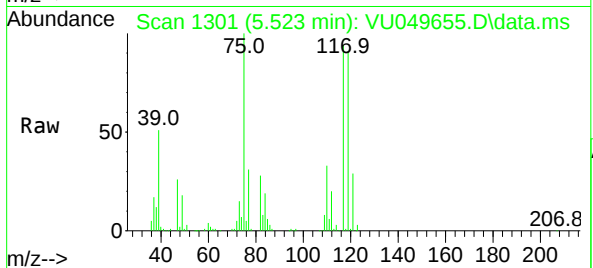
Tgt Ion: 75 Resp: 163428

Ion Ratio Lower Upper

75 100

110 34.1 17.3 52.0

77 31.4 24.6 37.0



#30

Carbon Tetrachloride

Concen: 10.867 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

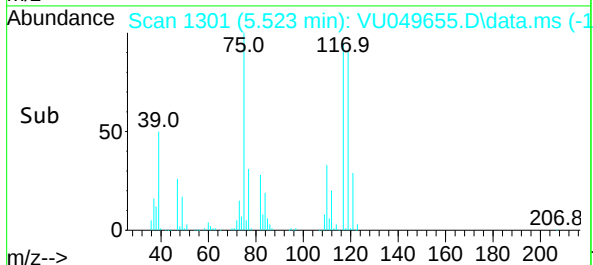
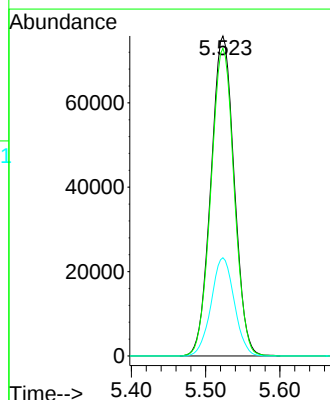
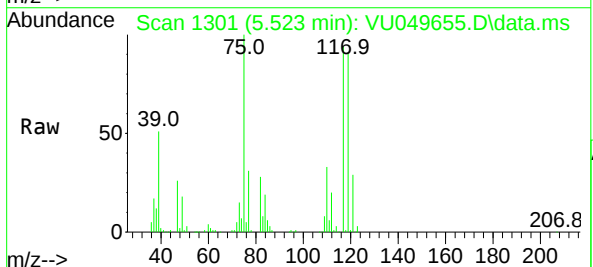
Tgt Ion: 117 Resp: 165075

Ion Ratio Lower Upper

117 100

119 96.1 74.6 112.0

121 30.7 24.2 36.4

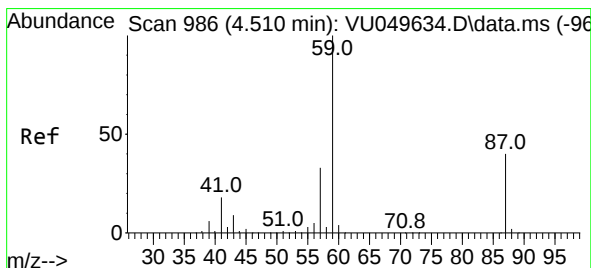
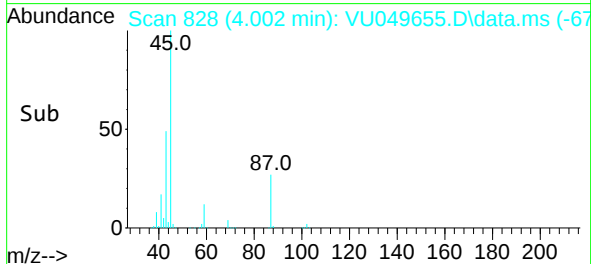
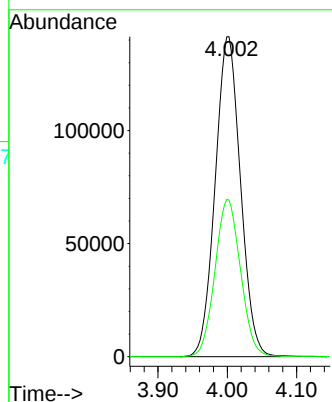
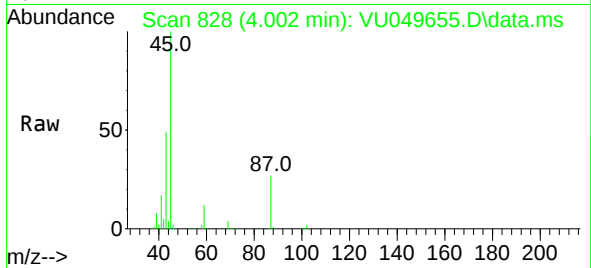




#31
Isopropyl Ether
Concen: 10.067 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

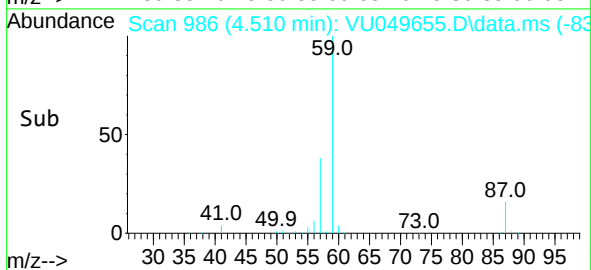
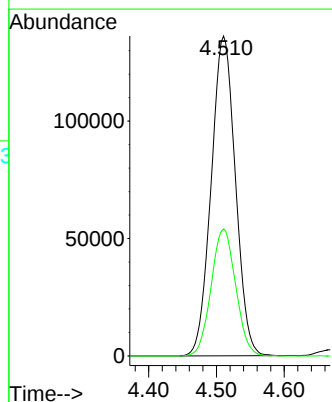
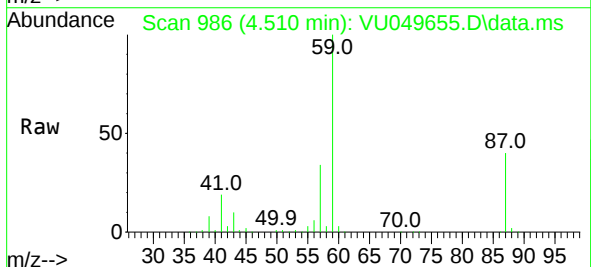
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

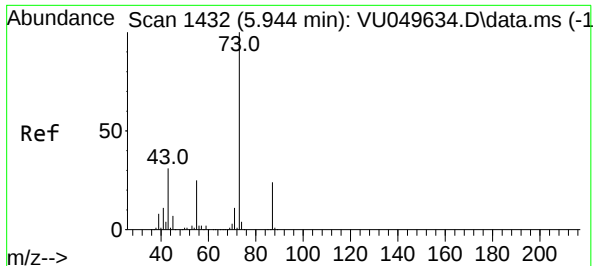
Tgt Ion: 45 Resp: 358913
Ion Ratio Lower Upper
45 100
43 49.7 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 10.017 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion: 59 Resp: 338018
Ion Ratio Lower Upper
59 100
87 40.1 32.5 48.7

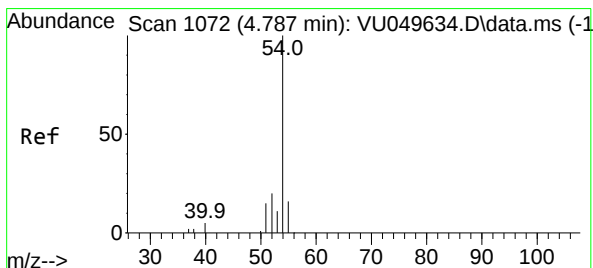
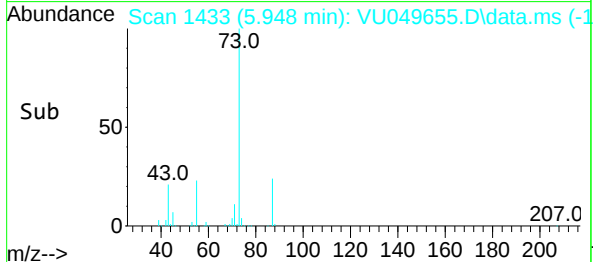
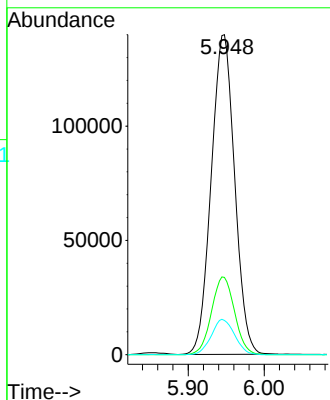
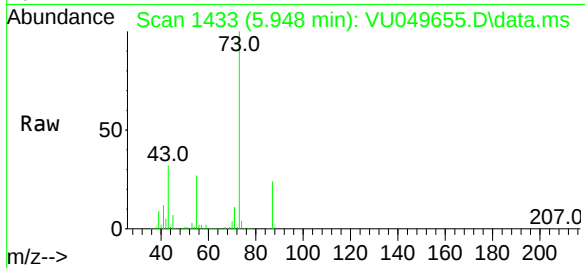




#33
Tert-Amyl methyl ether
Concen: 10.189 ug/l
RT: 5.948 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

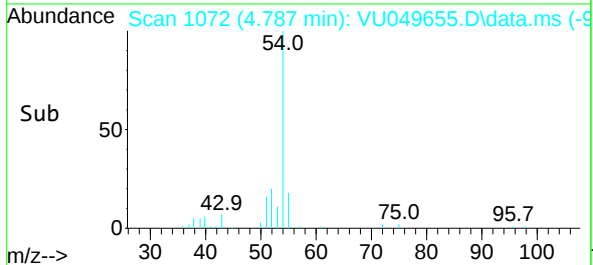
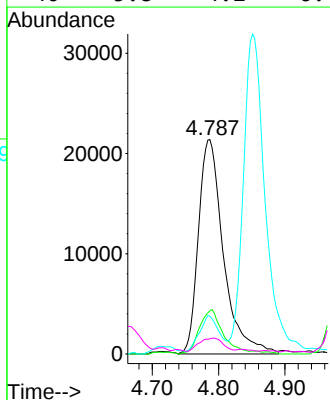
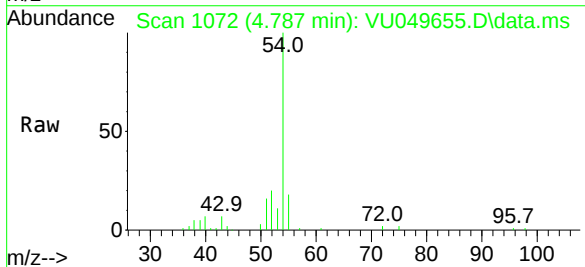
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

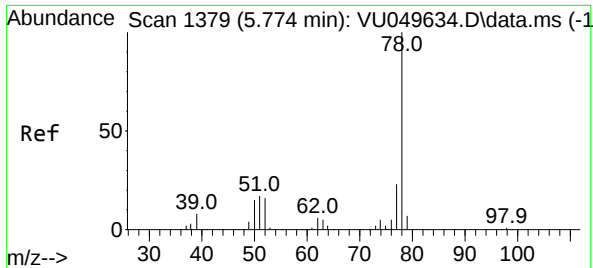
Tgt Ion: 73 Resp: 298943
Ion Ratio Lower Upper
73 100
87 23.9 19.7 29.5
71 11.0 9.0 13.4



#34
Propionitrile
Concen: 56.795 ug/l
RT: 4.787 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion: 54 Resp: 56060
Ion Ratio Lower Upper
54 100
52 19.4 15.0 22.6
55 13.0 12.6 19.0
40 5.8 4.2 6.4

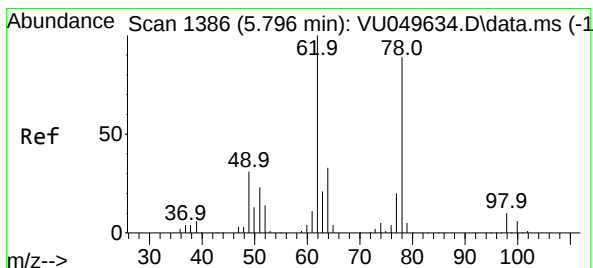
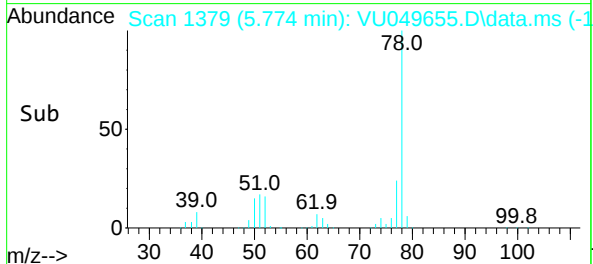
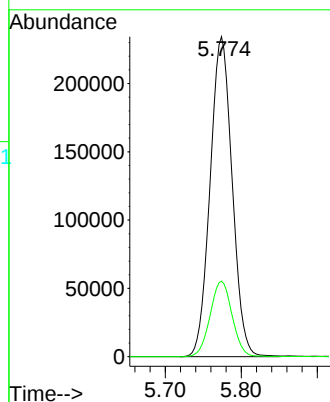
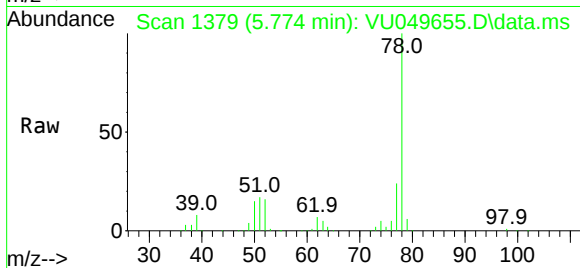




#35
Benzene
Concen: 10.250 ug/l
RT: 5.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

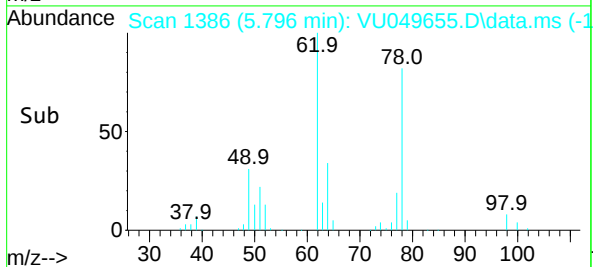
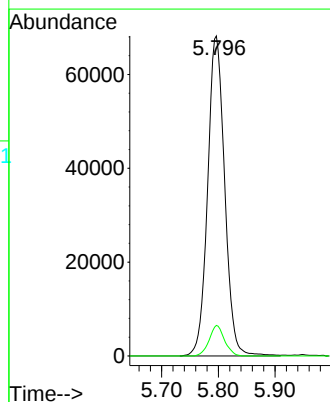
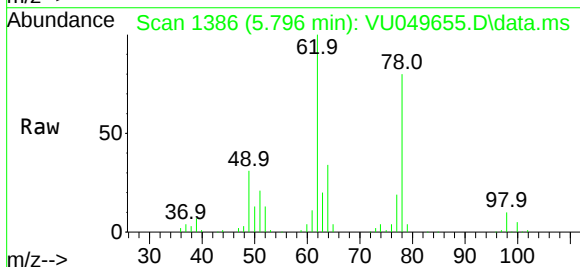
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

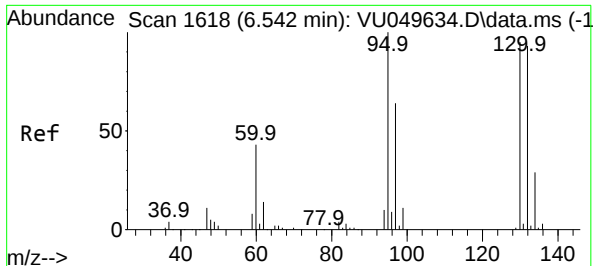
Tgt Ion: 78 Resp: 470579
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0



#36
1,2-Dichloroethane
Concen: 10.917 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion: 62 Resp: 142507
Ion Ratio Lower Upper
62 100
98 8.6 7.4 11.0





#37

Trichloroethene

Concen: 9.797 ug/l

RT: 6.542 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

Instrument :

MSVOA_U

ClientSampleId :

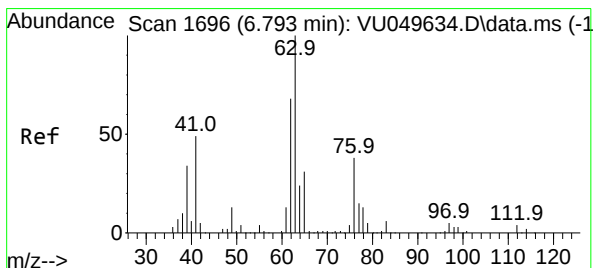
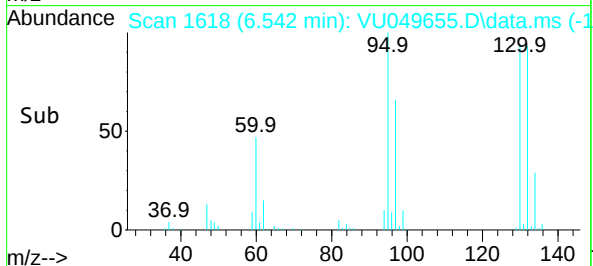
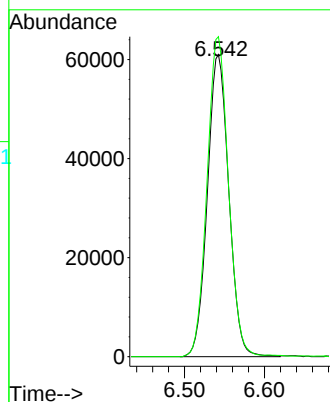
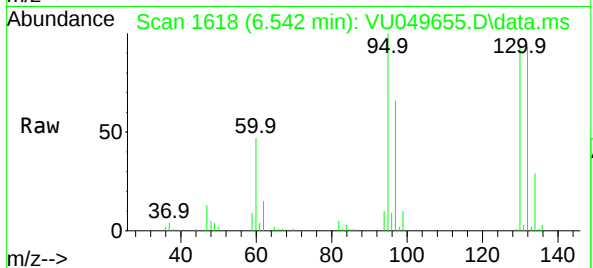
VSTDCCC010EC

Tgt Ion:130 Resp: 113669

Ion Ratio Lower Upper

130 100

95 105.9 83.8 125.8



#38

1,2-Dichloropropane

Concen: 10.469 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.000 min

Lab File: VU049655.D

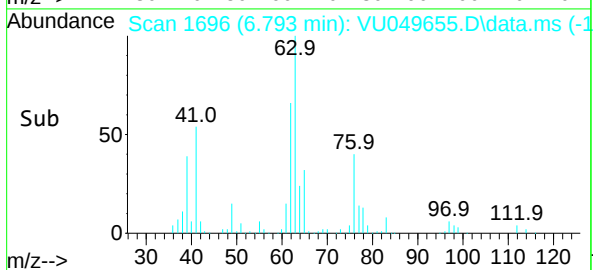
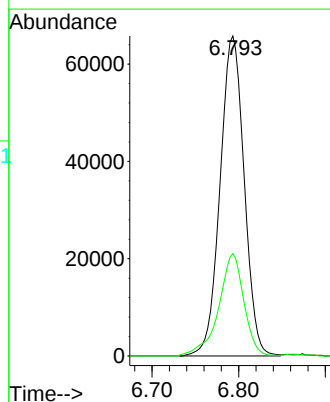
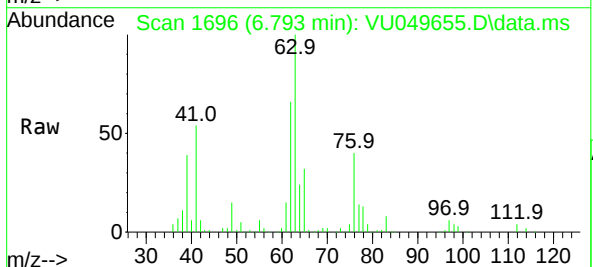
Acq: 07 Jul 2022 16:26

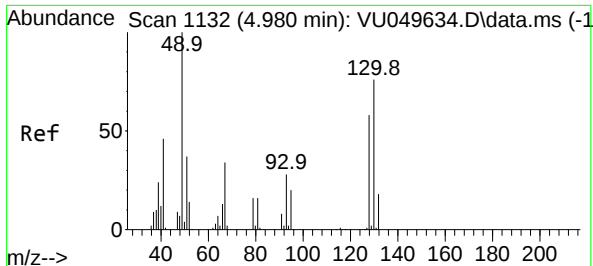
Tgt Ion: 63 Resp: 127239

Ion Ratio Lower Upper

63 100

65 31.8 25.0 37.4





#39

Methacrylonitrile

Concen: 10.533 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU049655.D

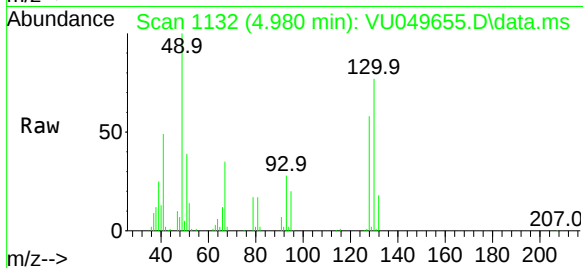
Acq: 07 Jul 2022 16:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 41 Resp: 44545

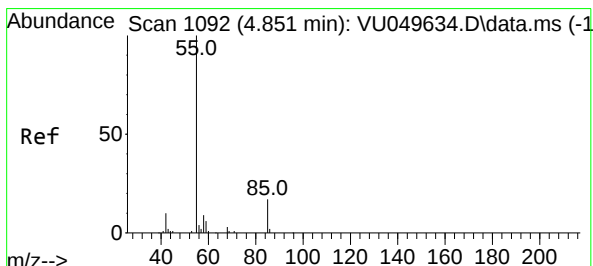
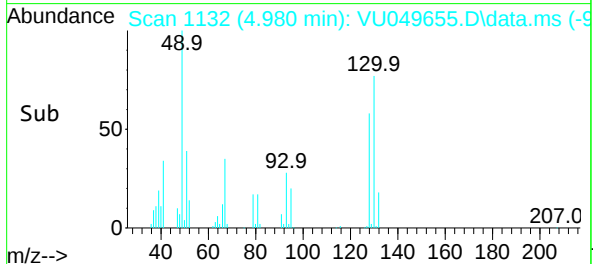
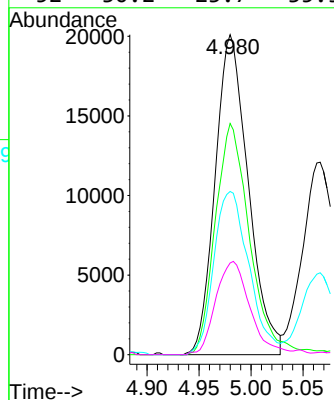
Ion Ratio Lower Upper

41 100

67 75.7 59.4 89.0

39 54.0 42.2 63.2

52 30.2 23.7 35.5



#40

Methyl acrylate

Concen: 10.698 ug/l

RT: 4.851 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

Tgt Ion: 55 Resp: 70856

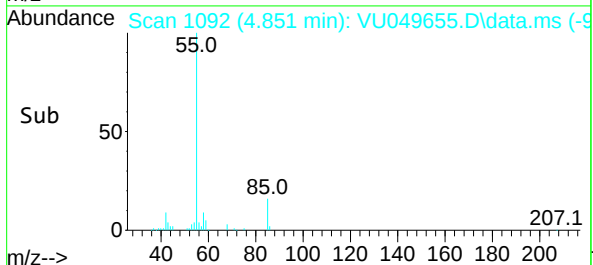
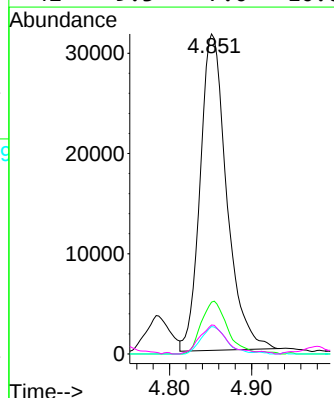
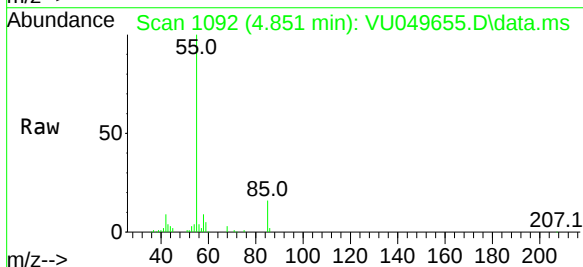
Ion Ratio Lower Upper

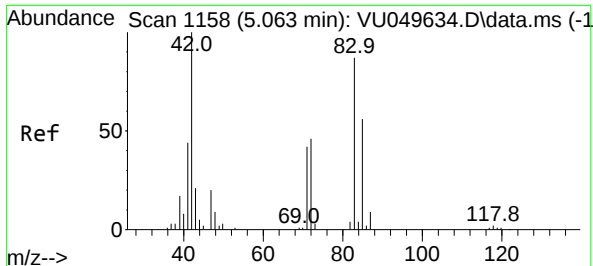
55 100

85 16.3 13.5 20.3

58 8.2 7.0 10.4

42 9.3 7.0 10.6





#41

Tetrahydrofuran

Concen: 22.533 ug/l

RT: 5.063 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

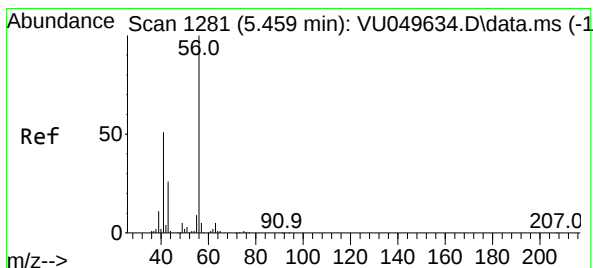
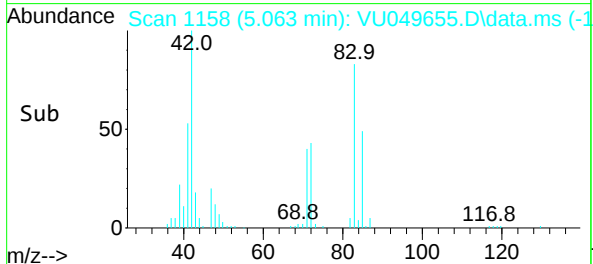
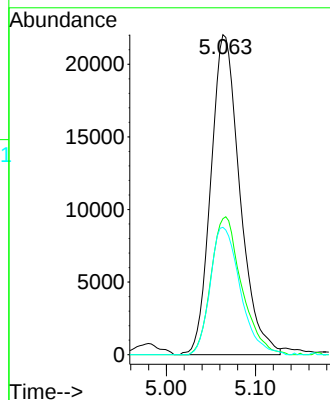
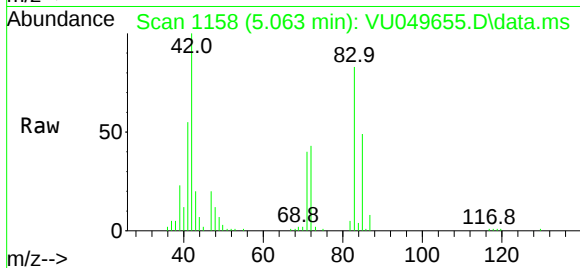
Tgt Ion: 42 Resp: 49870

Ion Ratio Lower Upper

42 100

72 45.3 38.9 58.3

71 41.2 33.7 50.5



#42

1-Chlorobutane

Concen: 10.362 ug/l

RT: 5.459 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VU049655.D

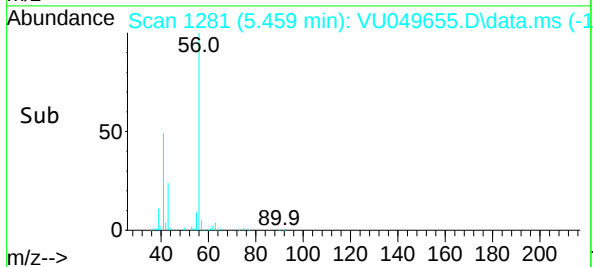
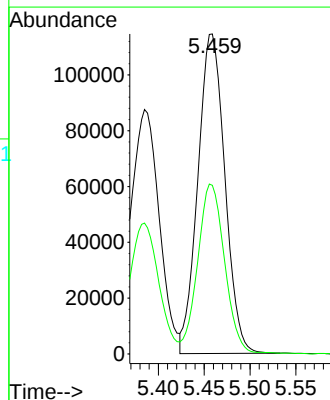
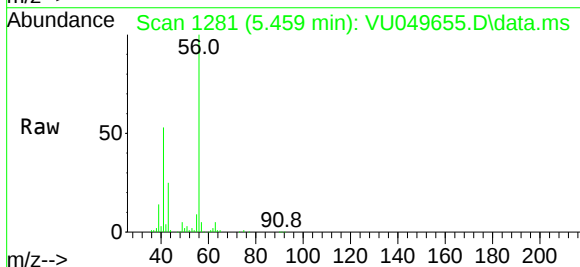
Acq: 07 Jul 2022 16:26

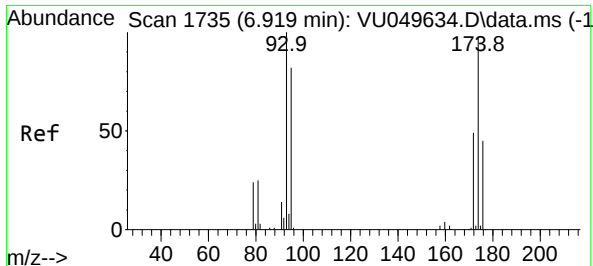
Tgt Ion: 56 Resp: 234116

Ion Ratio Lower Upper

56 100

41 53.4 26.4 79.2

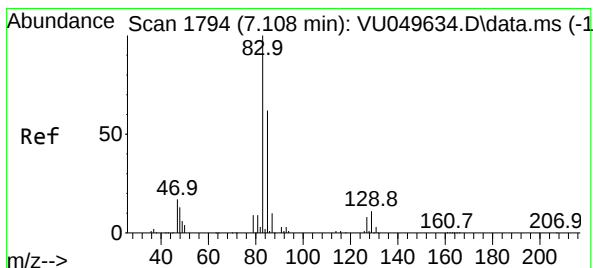
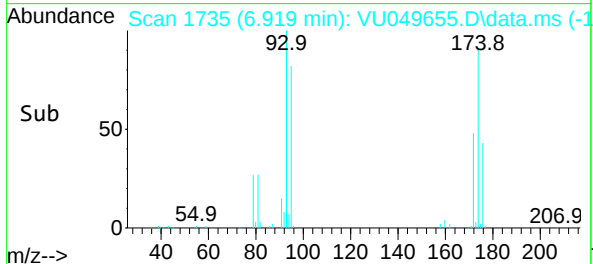
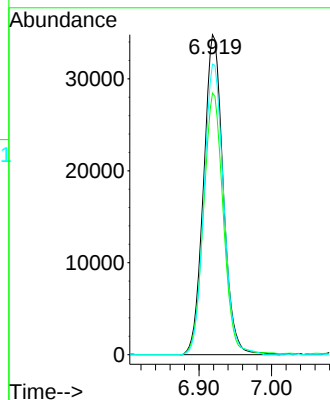
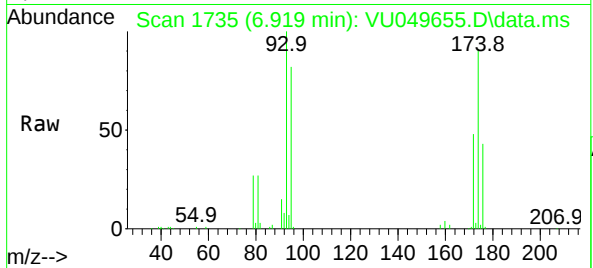




#43
Dibromomethane
Concen: 10.777 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

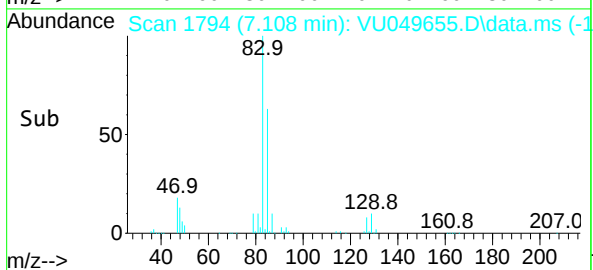
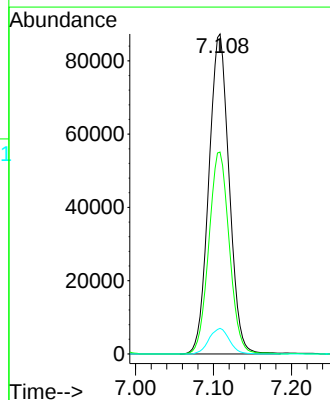
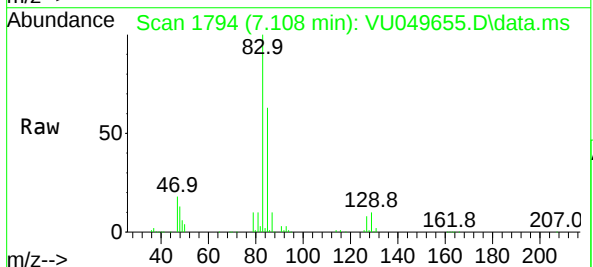
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

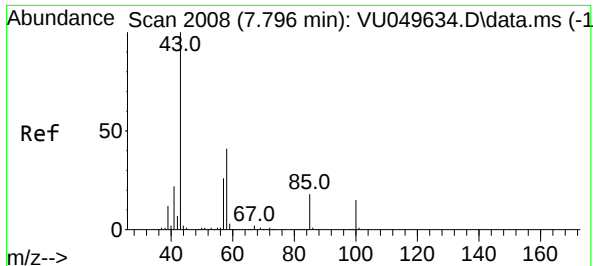
Tgt Ion: 93 Resp: 65269
Ion Ratio Lower Upper
93 100
95 82.6 65.0 97.6
174 91.2 76.3 114.5



#44
Bromodichloromethane
Concen: 10.887 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion: 83 Resp: 158025
Ion Ratio Lower Upper
83 100
85 63.1 49.4 74.0
127 8.0 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 53.519 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

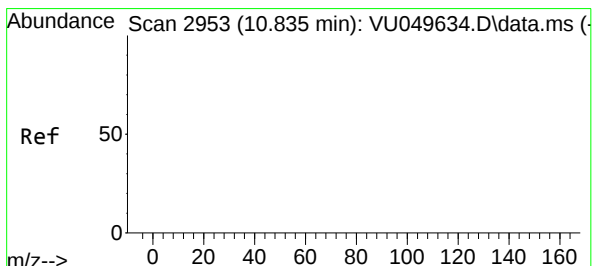
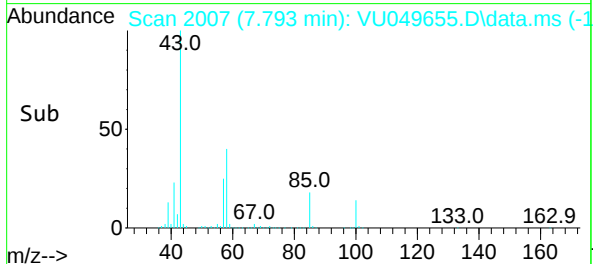
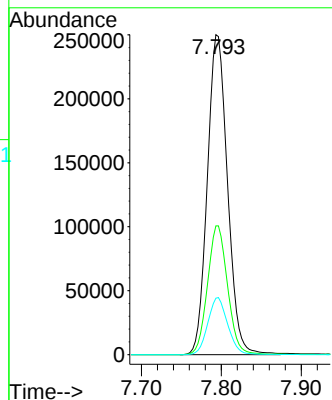
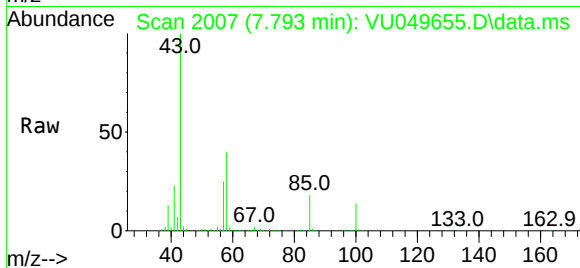
Tgt Ion: 43 Resp: 439892

Ion Ratio Lower Upper

43 100

58 39.9 20.3 61.0

85 17.6 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 55.299 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. -0.010 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

Tgt Ion: 75 Resp: 147912

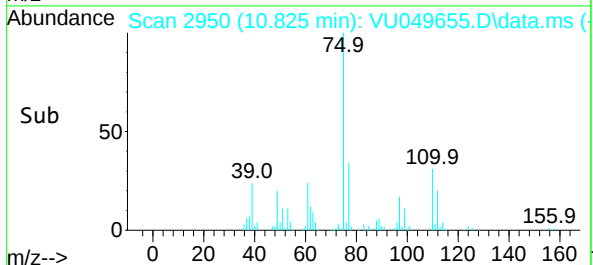
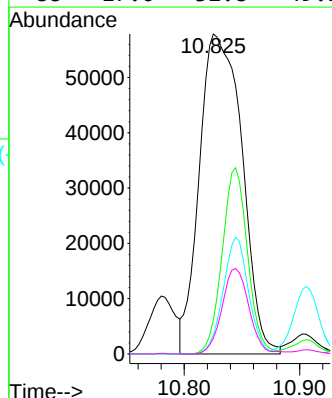
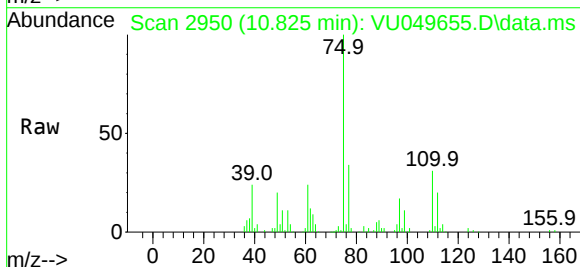
Ion Ratio Lower Upper

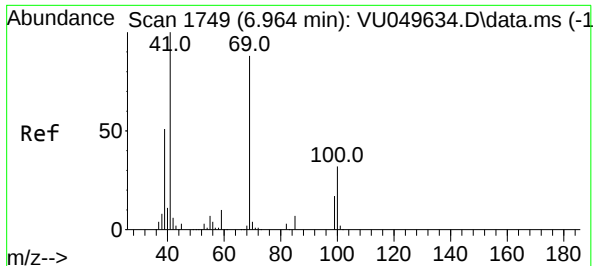
75 100

53 34.8 64.4 96.6#

89 21.7 44.2 66.2#

88 17.0 32.8 49.2#

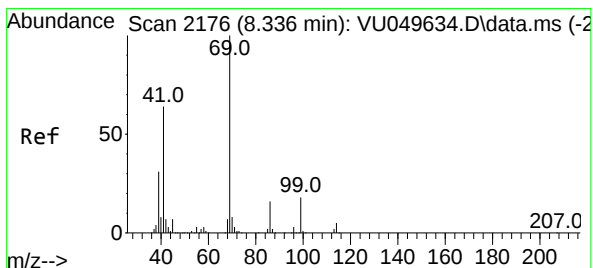
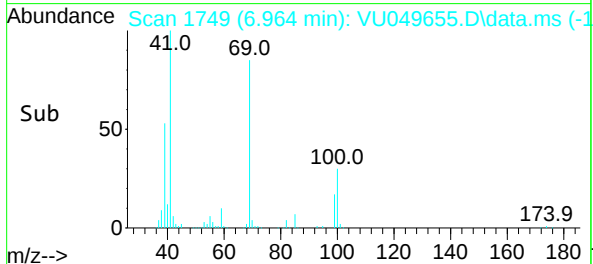
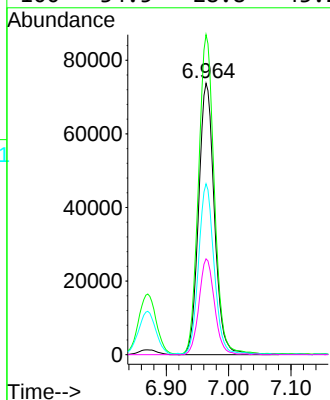
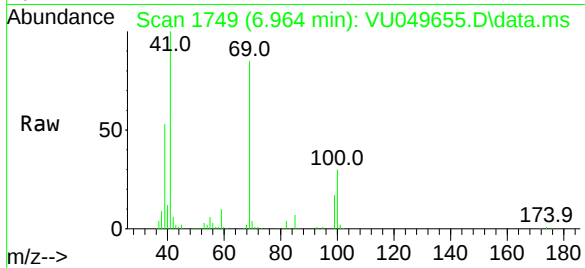




#47
Methyl methacrylate
Concen: 21.306 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

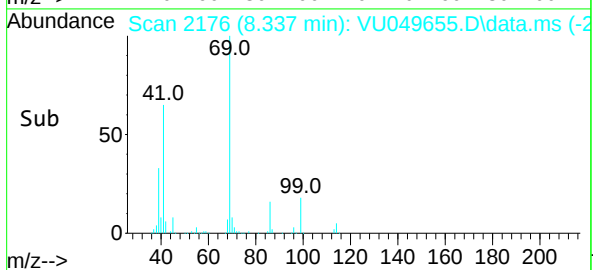
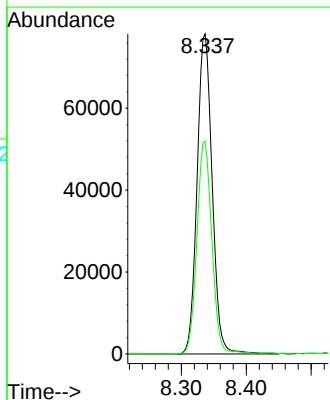
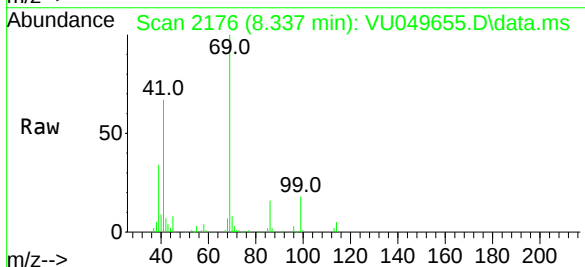
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

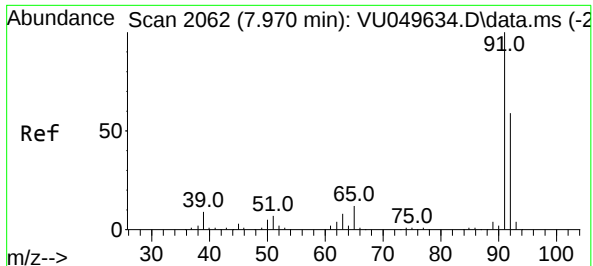
Tgt Ion: 69 Resp: 130103
Ion Ratio Lower Upper
69 100
41 117.2 0.0 225.4
39 60.7 45.8 68.8
100 34.5 28.8 43.2



#48
Ethyl methacrylate
Concen: 10.326 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion: 69 Resp: 126501
Ion Ratio Lower Upper
69 100
41 65.9 32.3 96.9

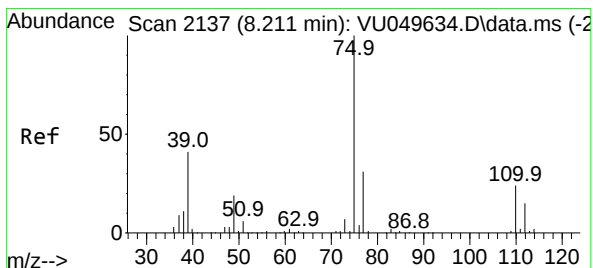
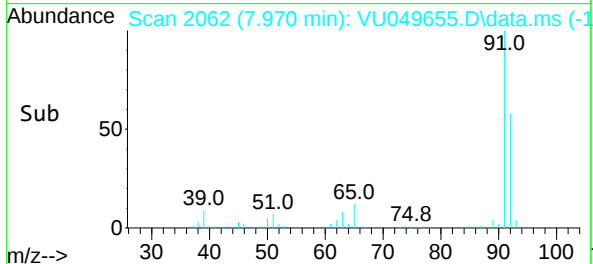
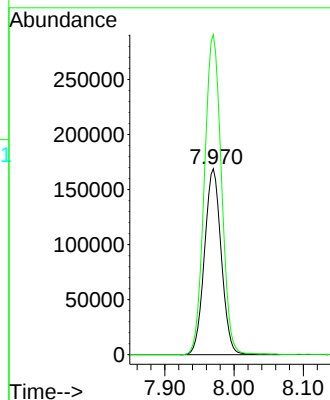
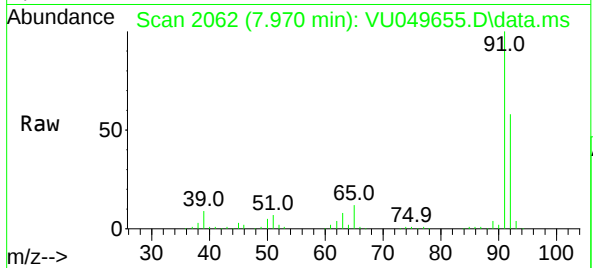




#49
Toluene
Concen: 10.124 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

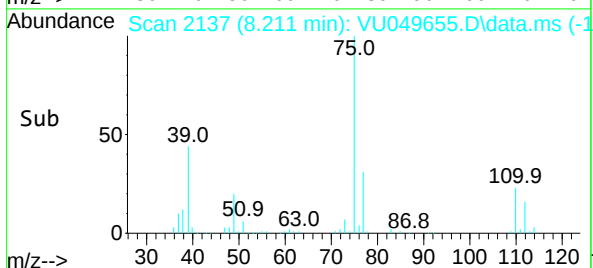
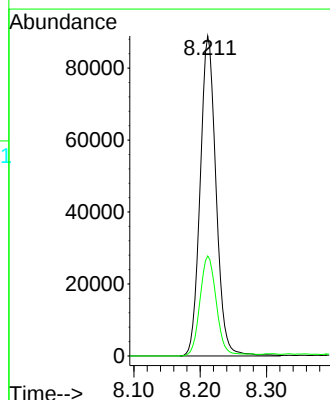
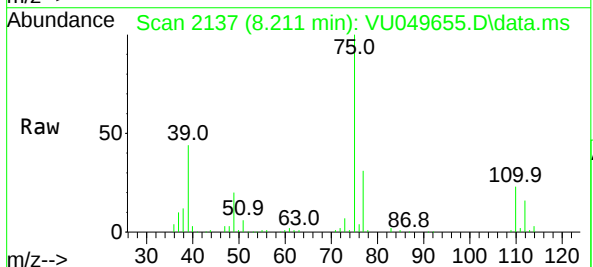
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

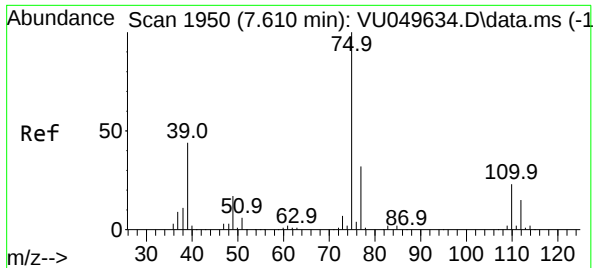
Tgt Ion: 92 Resp: 283830
Ion Ratio Lower Upper
92 100
91 174.6 138.6 207.8



#50
t-1,3-Dichloropropene
Concen: 10.530 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion: 75 Resp: 147636
Ion Ratio Lower Upper
75 100
77 31.2 24.7 37.1

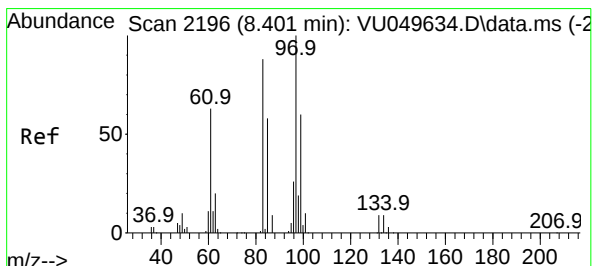
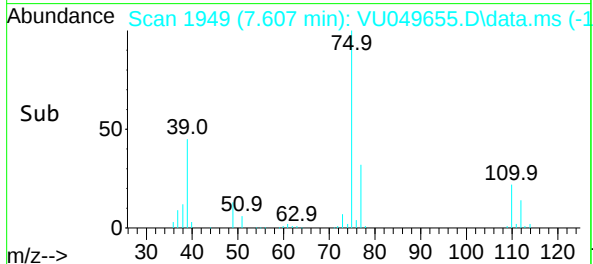
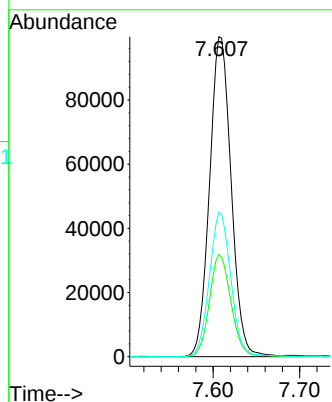
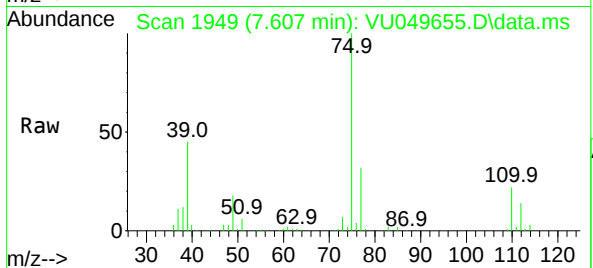




#51
 cis-1,3-Dichloropropene
 Concen: 10.390 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.003 min
 Lab File: VU049655.D
 Acq: 07 Jul 2022 16:26

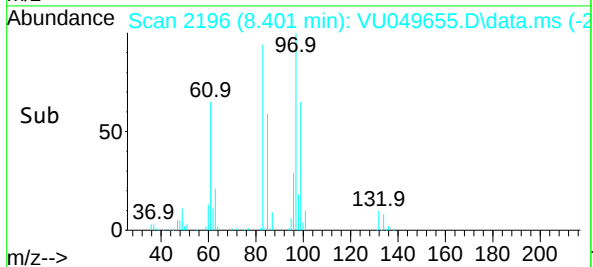
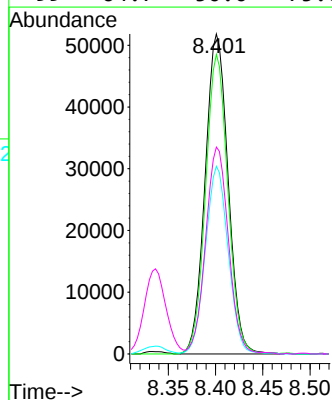
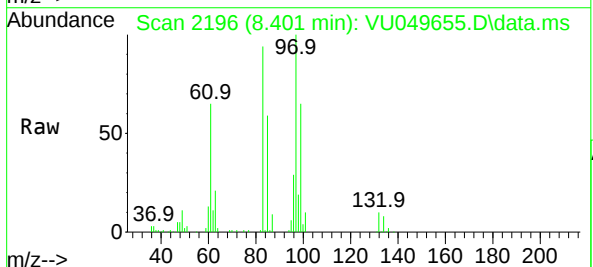
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

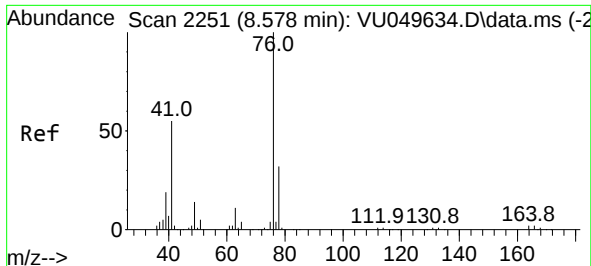
Tgt Ion:	75	Resp:	172625
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.0
39	45.1	35.1	52.7



#52
 1,1,2-Trichloroethane
 Concen: 10.473 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: VU049655.D
 Acq: 07 Jul 2022 16:26

Tgt Ion:	97	Resp:	87534
Ion	Ratio	Lower	Upper
97	100		
83	93.4	70.6	106.0
85	58.6	46.2	69.4
99	64.7	50.0	75.0





#53

1,3-Dichloropropane

Concen: 10.471 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

Instrument :

MSVOA_U

ClientSampleId :

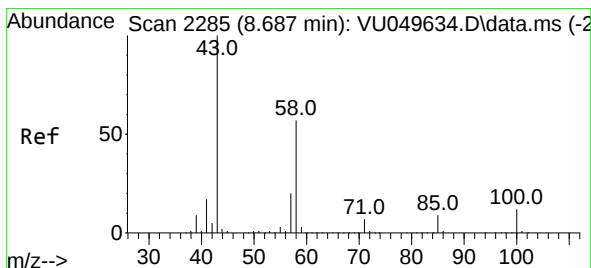
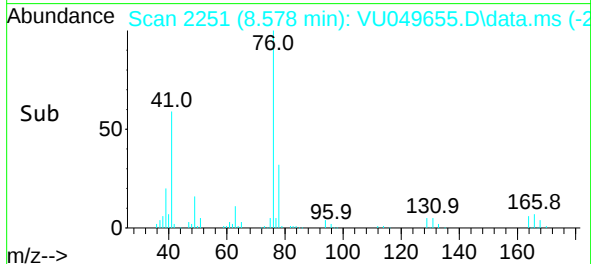
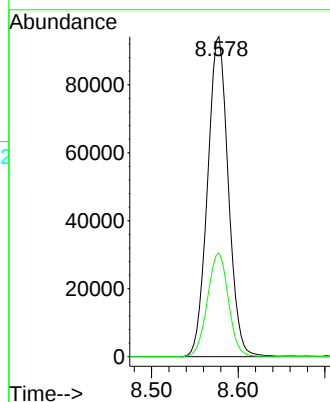
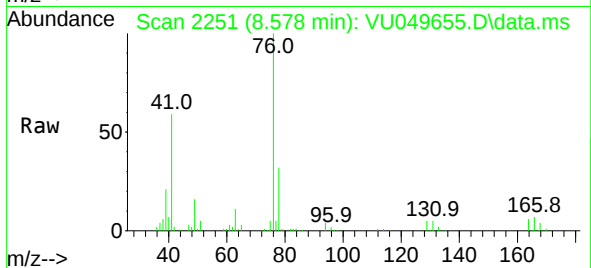
VSTDCCC010EC

Tgt Ion: 76 Resp: 157071

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#54

2-Hexanone

Concen: 53.903 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

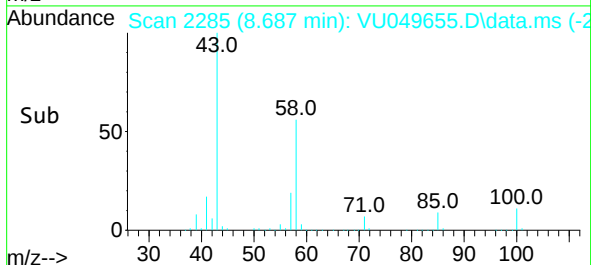
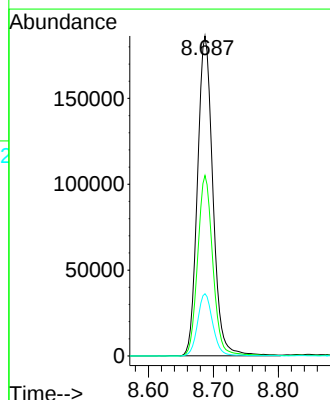
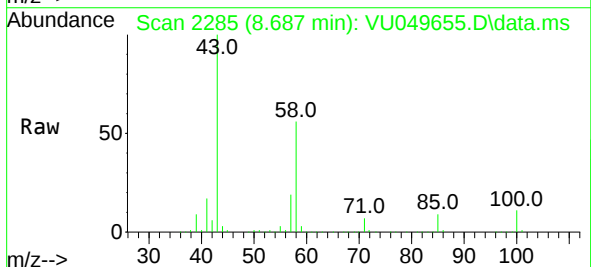
Tgt Ion: 43 Resp: 307700

Ion Ratio Lower Upper

43 100

58 55.6 37.1 77.1

57 19.2 0.0 39.5

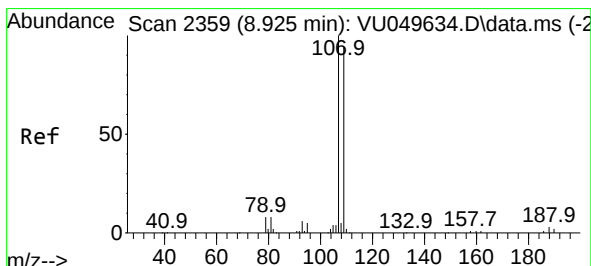
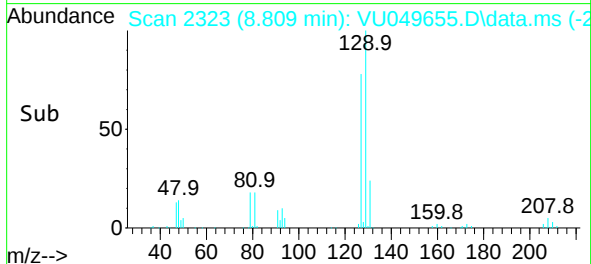
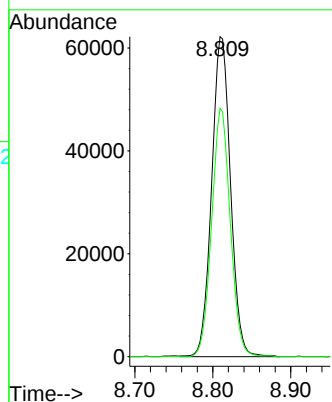
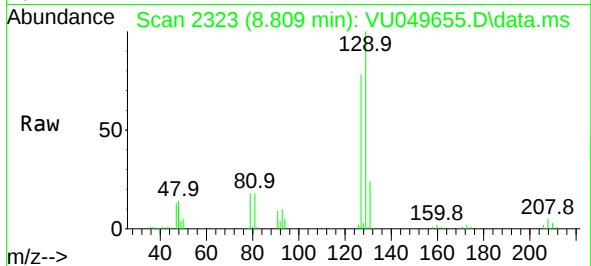




#55
Dibromochloromethane
Concen: 10.970 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

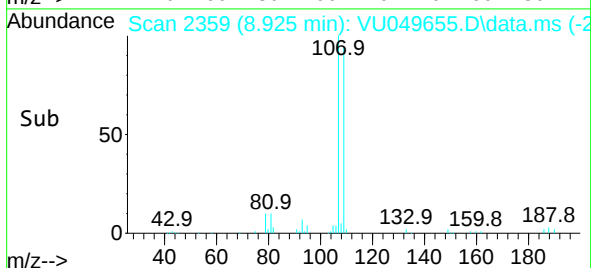
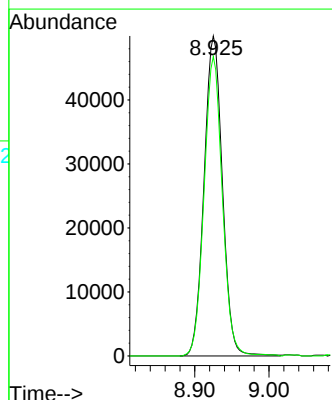
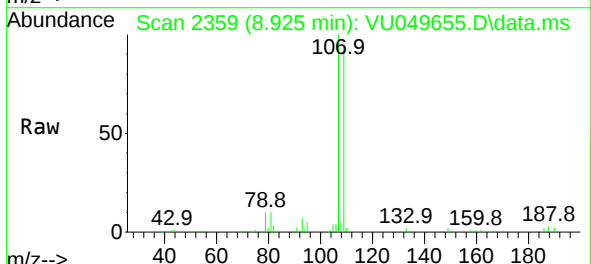
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:129 Resp: 104729
Ion Ratio Lower Upper
129 100
127 76.7 61.2 91.8



#56
1,2-Dibromoethane
Concen: 10.576 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion:107 Resp: 85595
Ion Ratio Lower Upper
107 100
109 92.9 0.0 187.2

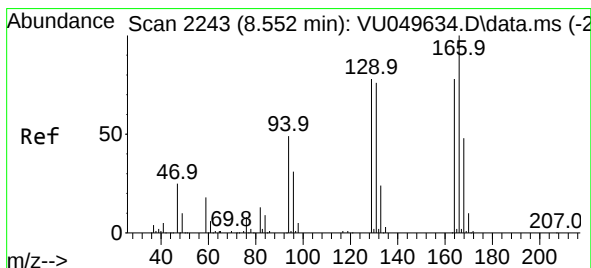
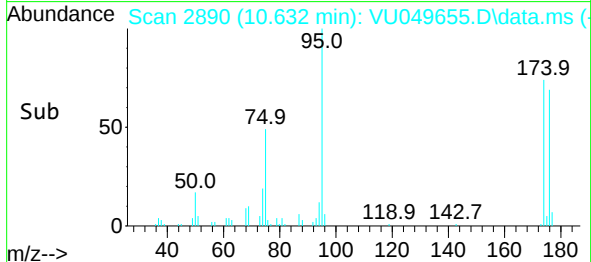
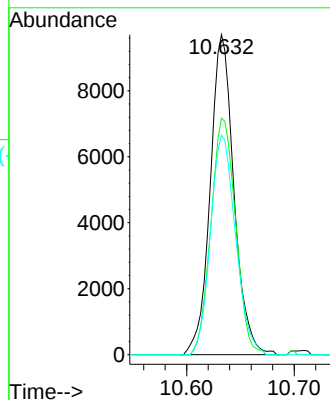
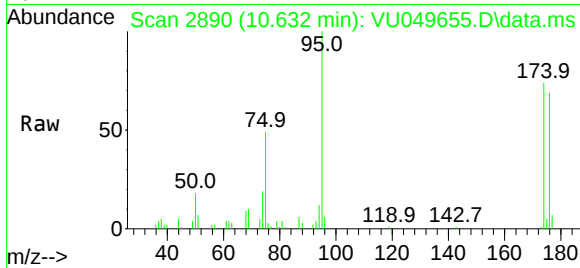




#57
4-Bromofluorobenzene
Concen: 0.961 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

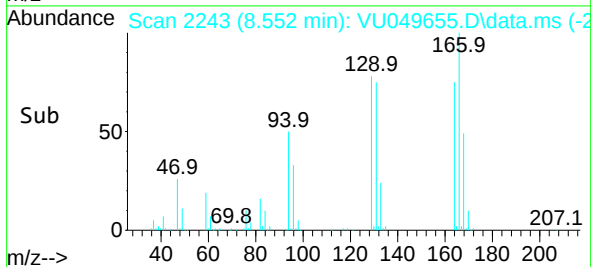
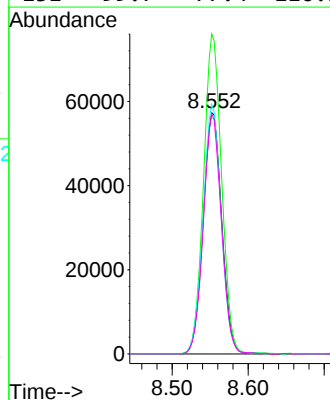
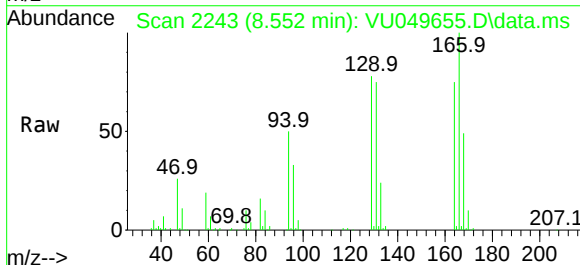
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

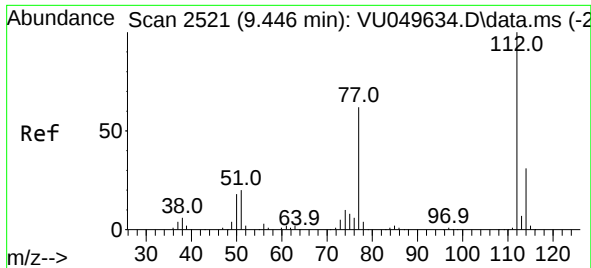
Tgt Ion: 95 Resp: 14857
Ion Ratio Lower Upper
95 100
174 76.8 62.4 93.6
176 72.7 56.2 84.2



#58
Tetrachloroethene
Concen: 10.109 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion: 164 Resp: 97527
Ion Ratio Lower Upper
164 100
166 132.7 102.4 153.6
129 103.4 79.5 119.3
131 99.7 77.4 116.2

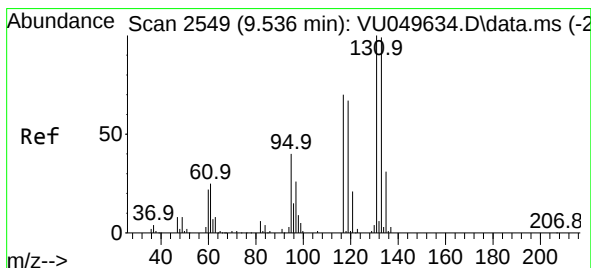
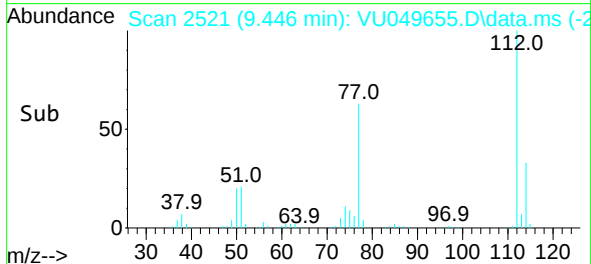
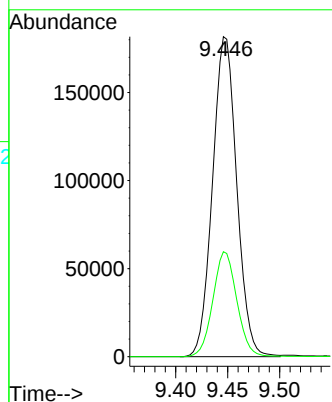
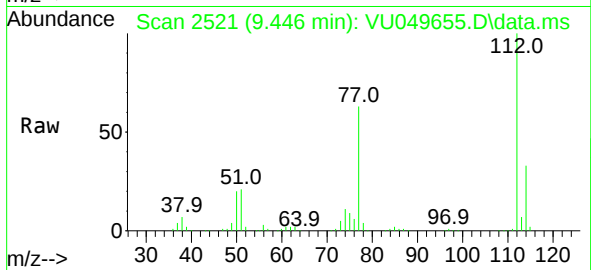




#59
Chlorobenzene
Concen: 10.040 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

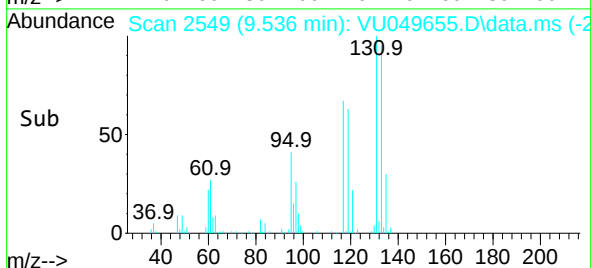
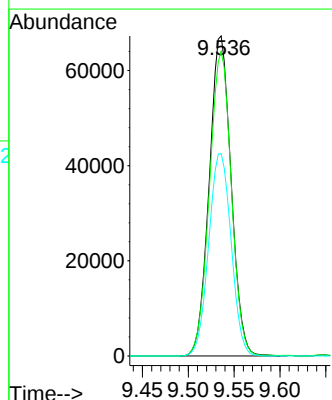
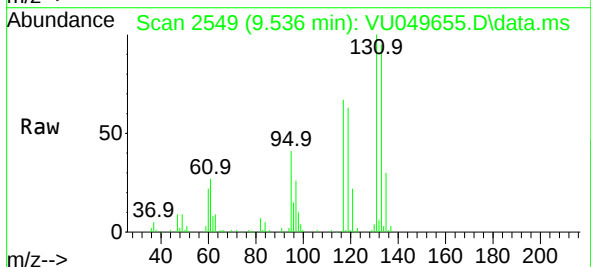
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

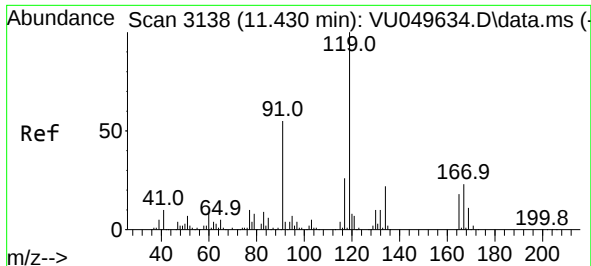
Tgt Ion:112 Resp: 294477
Ion Ratio Lower Upper
112 100
114 32.8 24.9 37.3



#60
1,1,1,2-Tetrachloroethane
Concen: 10.684 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion:131 Resp: 111457
Ion Ratio Lower Upper
131 100
133 95.5 78.3 117.5
119 64.8 53.2 79.8

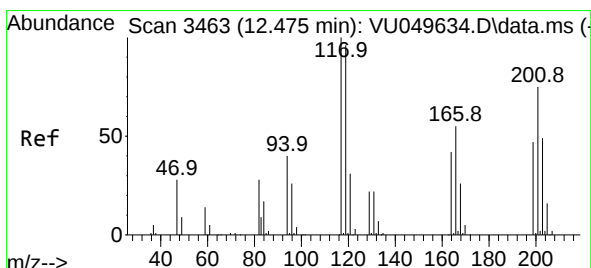
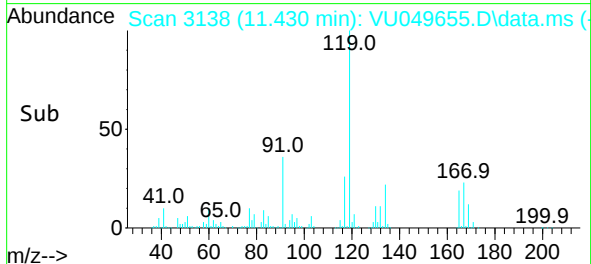
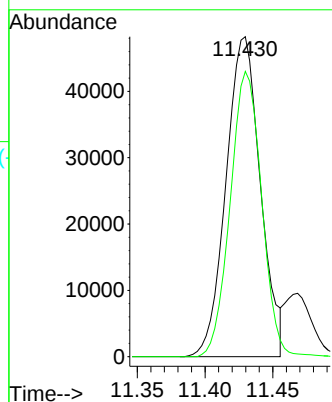
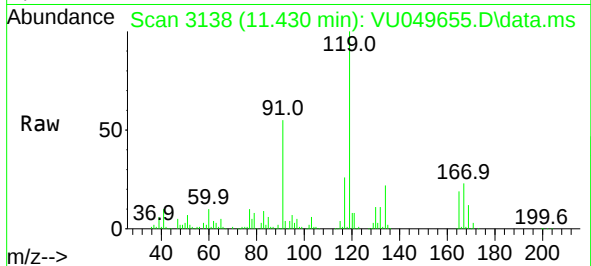




#61
 Pentachloroethane
 Concen: 10.606 ug/l
 RT: 11.430 min Scan# 3138
 Delta R.T. 0.000 min
 Lab File: VU049655.D
 Acq: 07 Jul 2022 16:26

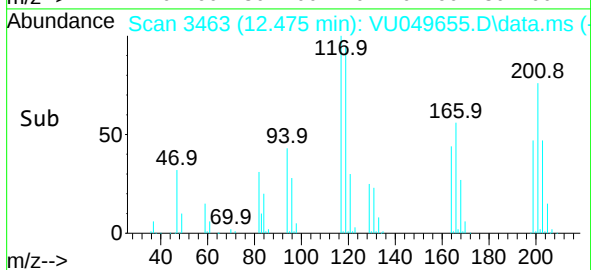
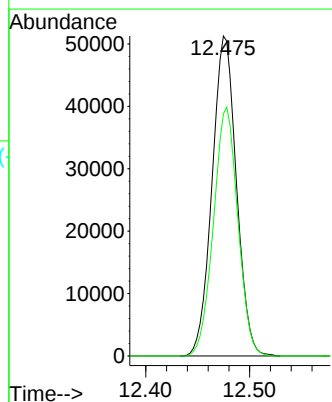
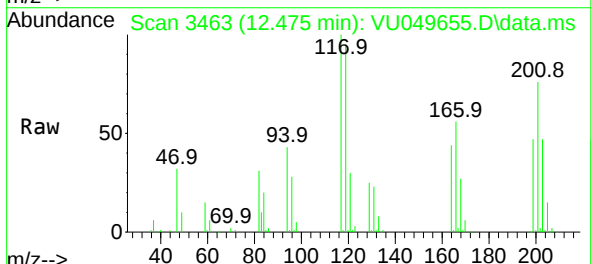
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

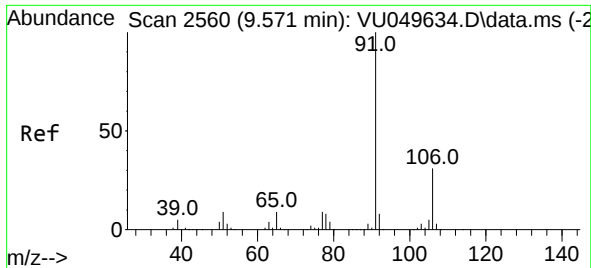
Tgt Ion:117 Resp: 84952
 Ion Ratio Lower Upper
 117 100
 167 81.6 66.2 99.4



#62
 Hexachloroethane
 Concen: 10.399 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. 0.000 min
 Lab File: VU049655.D
 Acq: 07 Jul 2022 16:26

Tgt Ion:117 Resp: 83425
 Ion Ratio Lower Upper
 117 100
 201 77.8 61.0 91.4

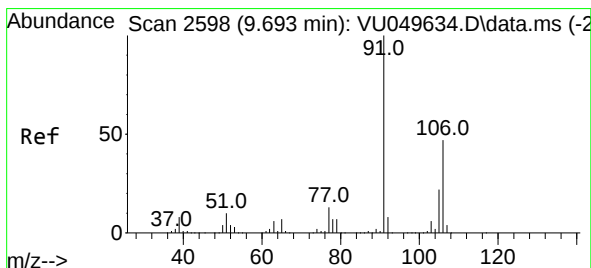
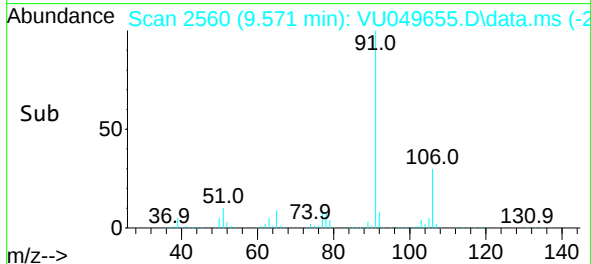
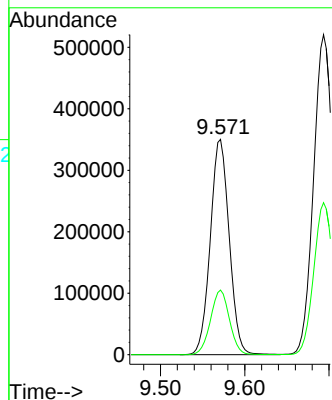
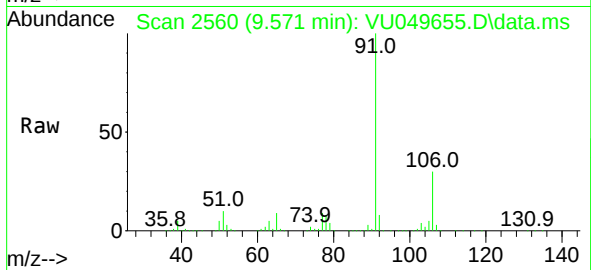




#63
Ethyl Benzene
Concen: 10.347 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

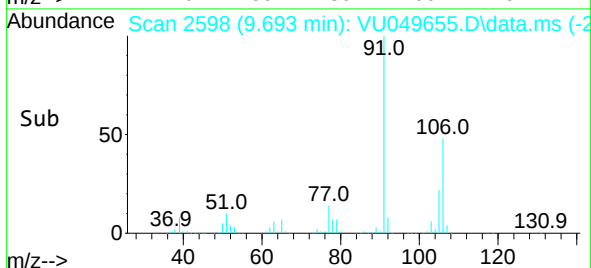
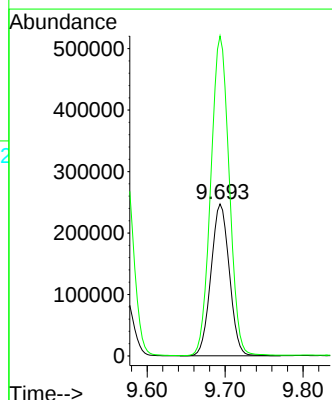
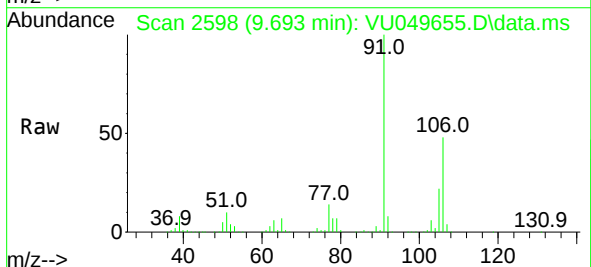
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

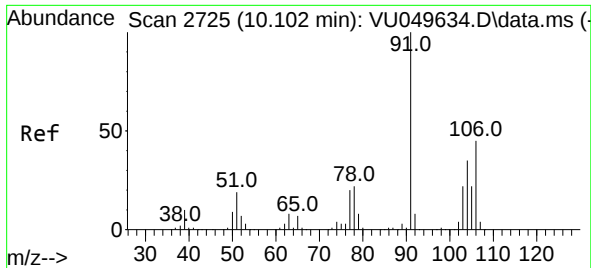
Tgt Ion: 91 Resp: 546204
Ion Ratio Lower Upper
91 100
106 30.0 24.4 36.6



#64
m/p-Xylenes
Concen: 20.669 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion: 106 Resp: 403612
Ion Ratio Lower Upper
106 100
91 211.8 167.8 251.6

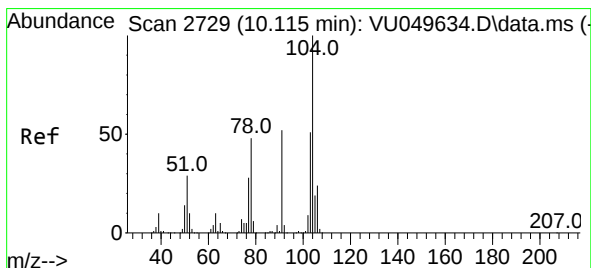
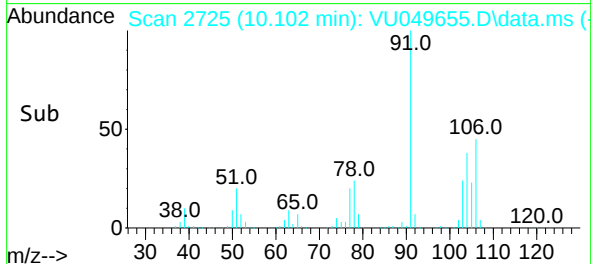
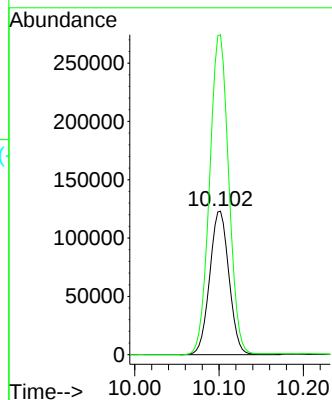
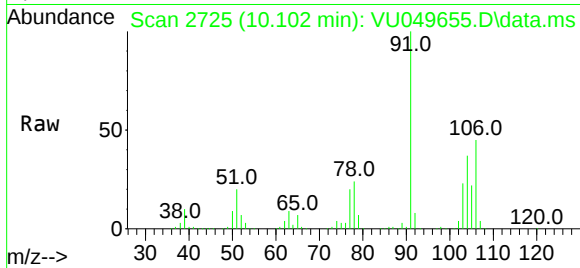




#65
o-Xylene
Concen: 10.218 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

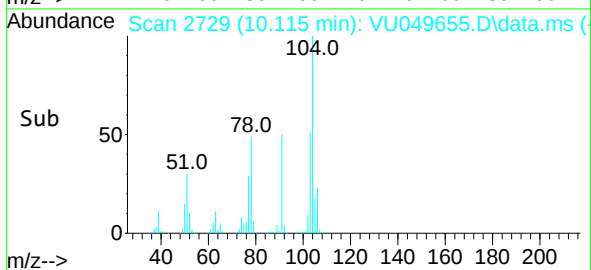
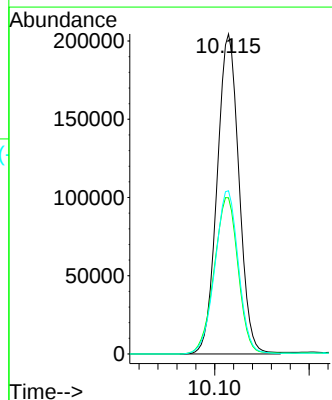
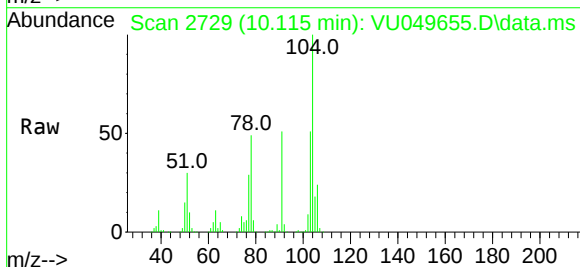
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

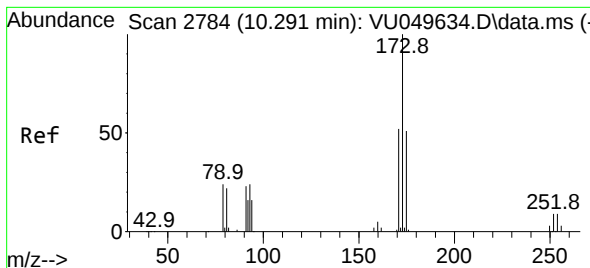
Tgt Ion:106 Resp: 196105
Ion Ratio Lower Upper
106 100
91 222.1 111.1 333.2



#66
Styrene
Concen: 10.653 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion:104 Resp: 328470
Ion Ratio Lower Upper
104 100
78 53.6 42.1 63.1
103 54.9 44.5 66.7





#67

Bromoform

Concen: 10.946 ug/l

RT: 10.291 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

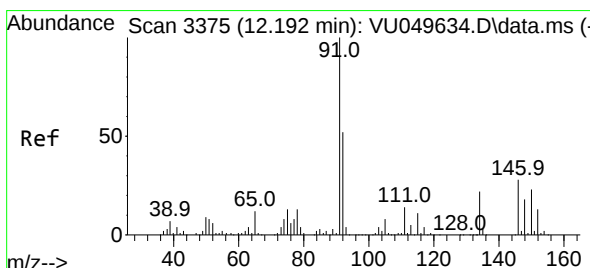
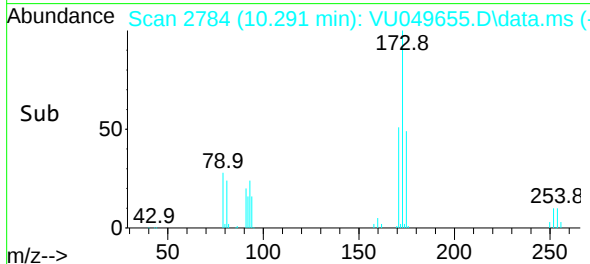
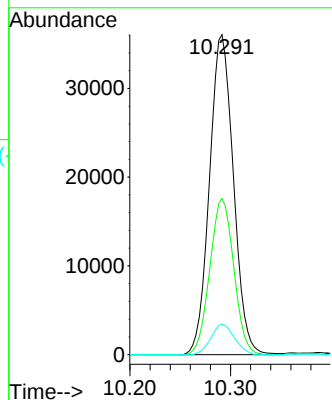
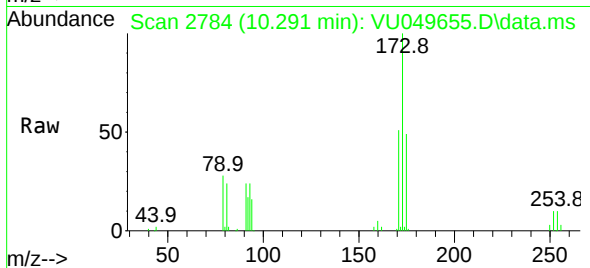
Tgt Ion:173 Resp: 59631

Ion Ratio Lower Upper

173 100

175 48.7 38.4 57.6

254 9.4 7.7 11.5



#68

1,2-Dichlorobenzene-d4

Concen: 1.012 ug/l

RT: 12.195 min Scan# 3376

Delta R.T. 0.003 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

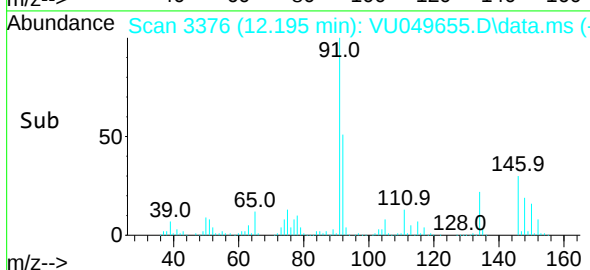
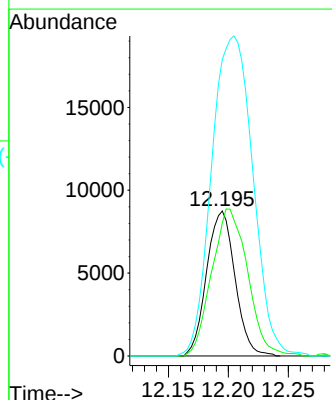
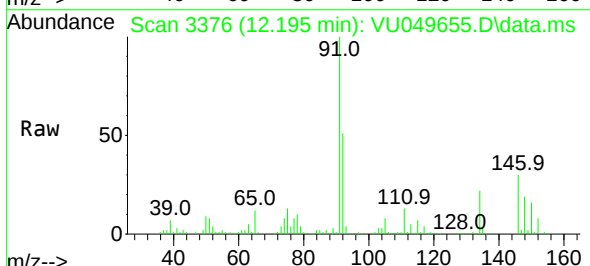
Tgt Ion:152 Resp: 14405

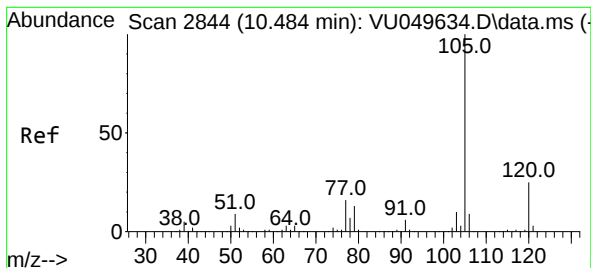
Ion Ratio Lower Upper

152 100

115 128.3 0.0 254.6

150 320.3 0.0 623.6





#69

Isopropylbenzene

Concen: 10.261 ug/l

RT: 10.484 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

Instrument :

MSVOA_U

ClientSampleId :

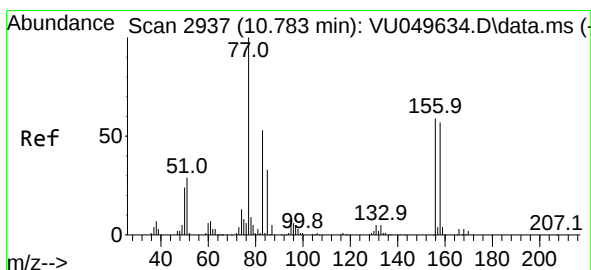
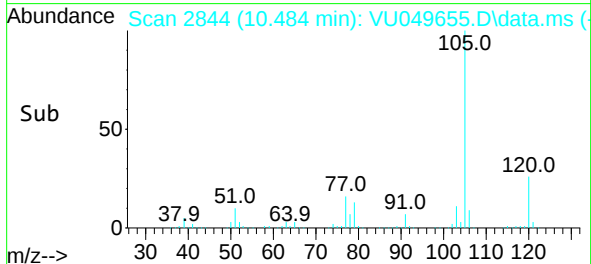
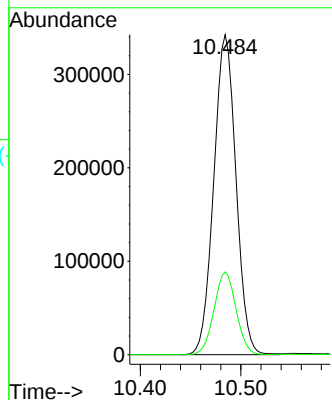
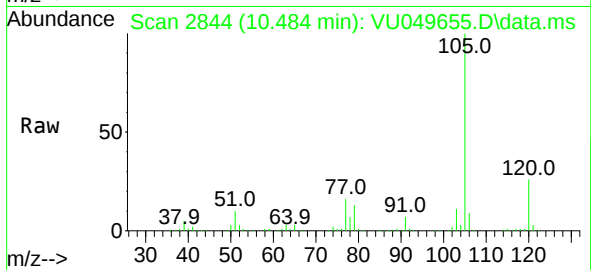
VSTDCCC010EC

Tgt Ion:105 Resp: 525970

Ion Ratio Lower Upper

105 100

120 25.6 12.6 37.8



#70

1,1,2,2-Tetrachloroethane

Concen: 10.455 ug/l

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

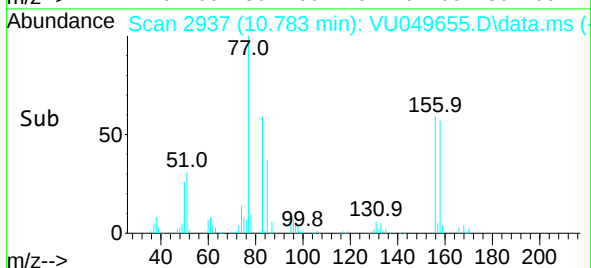
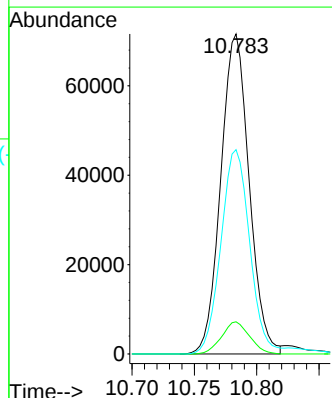
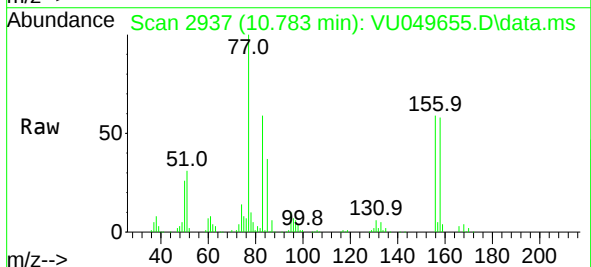
Tgt Ion: 83 Resp: 113519

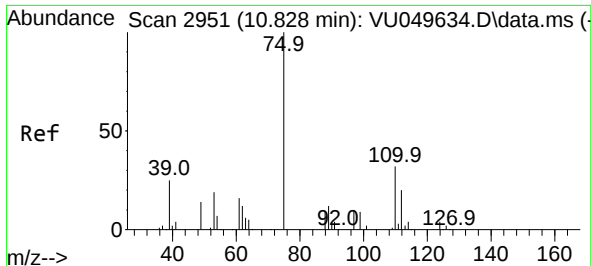
Ion Ratio Lower Upper

83 100

131 9.9 7.7 11.5

85 66.7 51.2 76.8

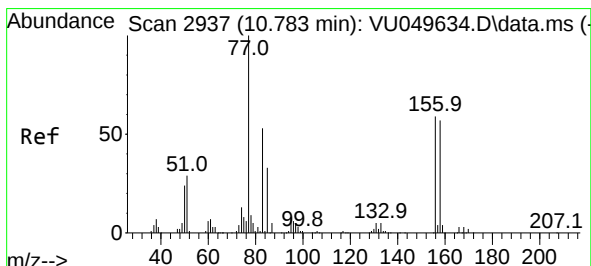
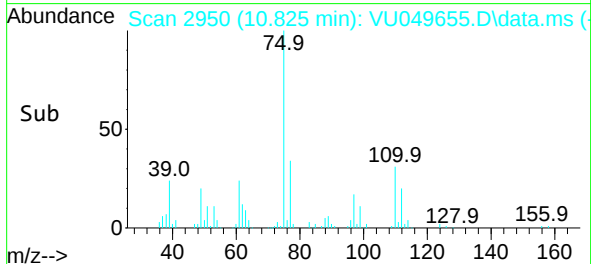
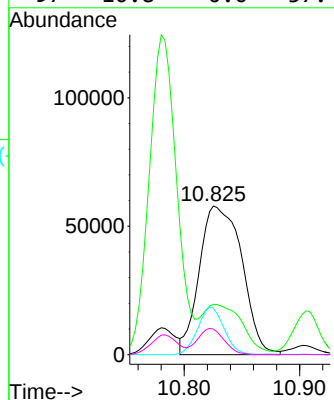
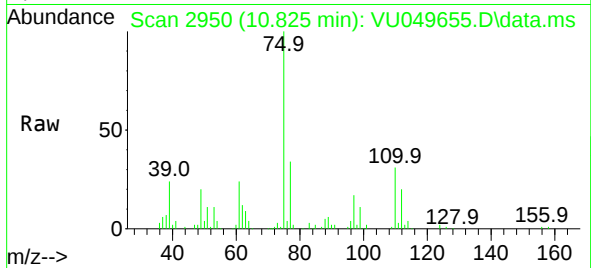




#71
1,2,3-Trichloropropane
Concen: 16.454 ug/l
RT: 10.825 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

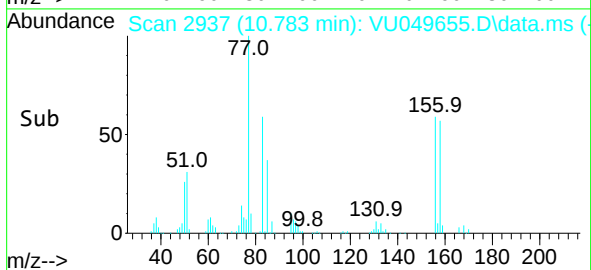
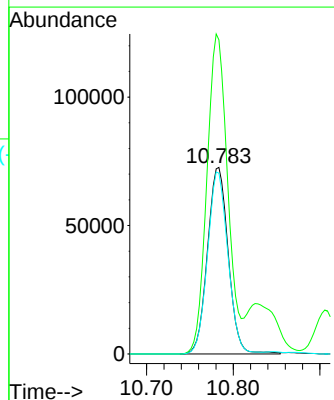
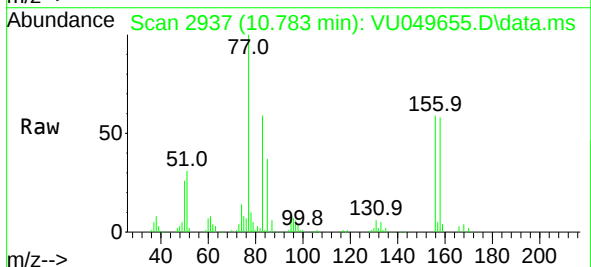
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

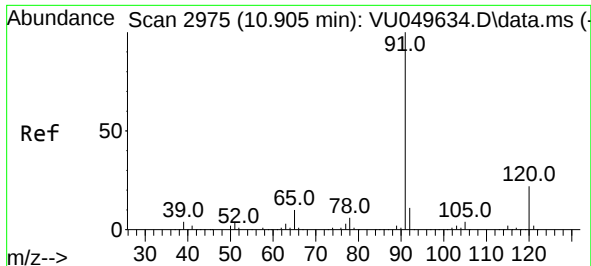
Tgt Ion: 75 Resp: 147912
Ion Ratio Lower Upper
75 100
77 30.6 0.0 112.4
110 19.9 0.0 70.6
97 10.8 0.0 37.4



#72
Bromobenzene
Concen: 10.484 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion: 156 Resp: 121103
Ion Ratio Lower Upper
156 100
77 170.4 0.0 344.4
158 95.9 0.0 192.2

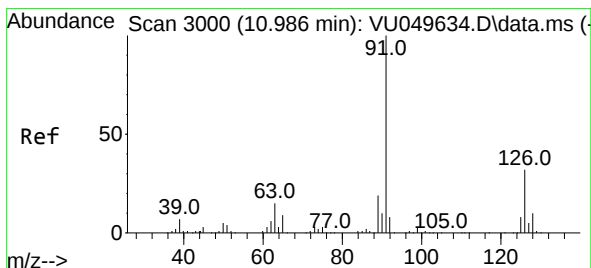
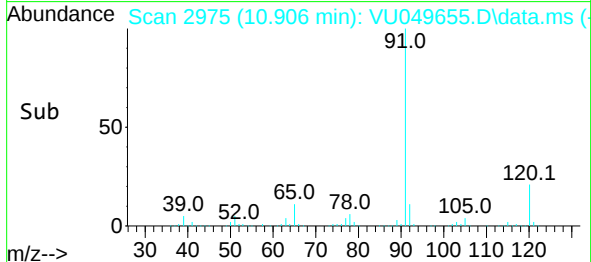
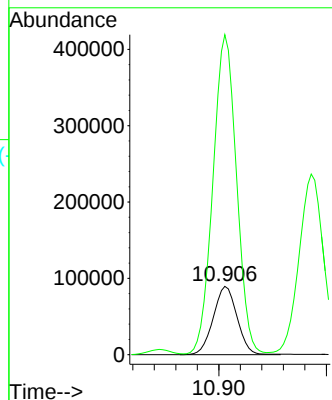
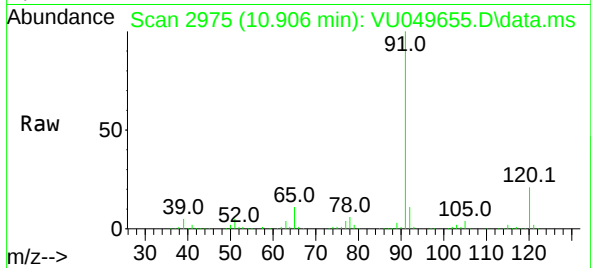




#73
n-propylbenzene
Concen: 10.602 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

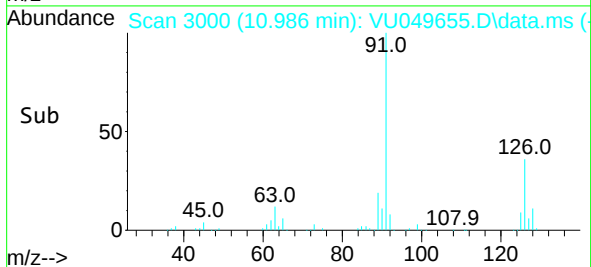
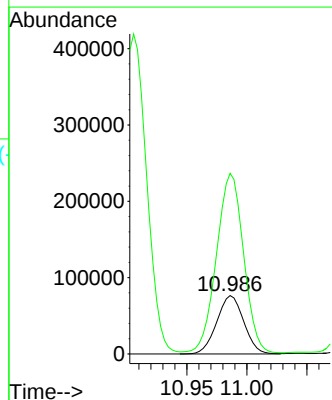
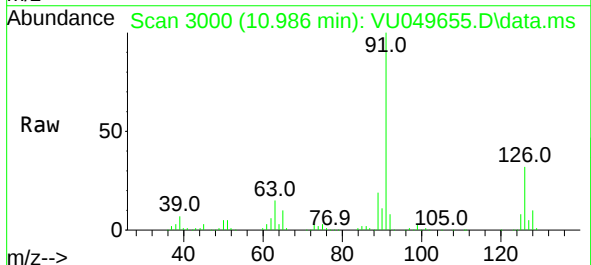
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

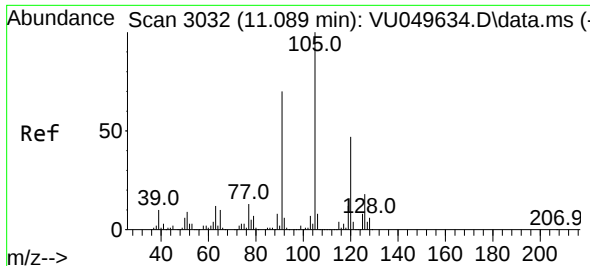
Tgt Ion:120 Resp: 137142
Ion Ratio Lower Upper
120 100
91 462.7 367.8 551.6



#74
2-Chlorotoluene
Concen: 10.350 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion:126 Resp: 119375
Ion Ratio Lower Upper
126 100
91 308.3 0.0 620.6

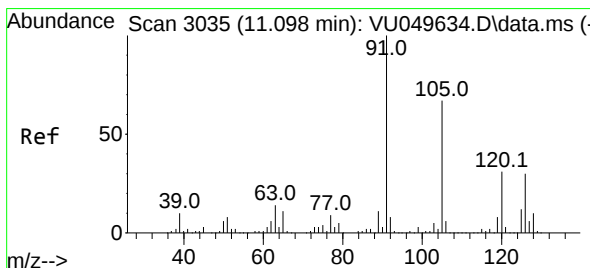
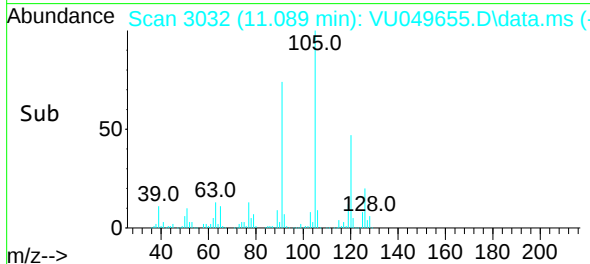
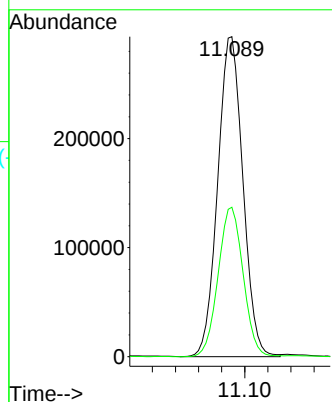
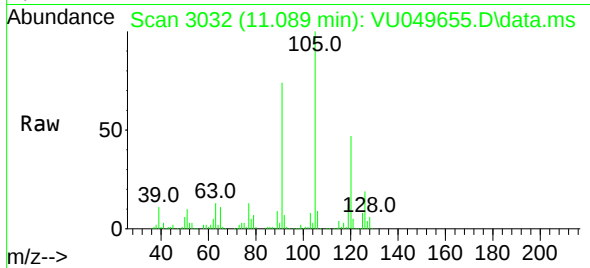




#75
1,3,5-Trimethylbenzene
Concen: 10.366 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

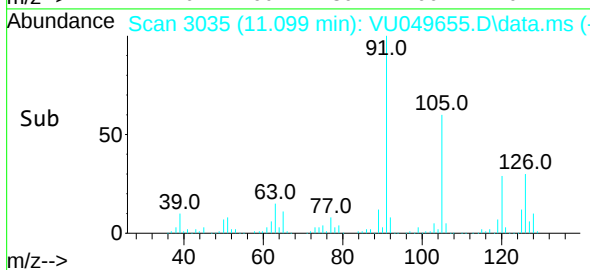
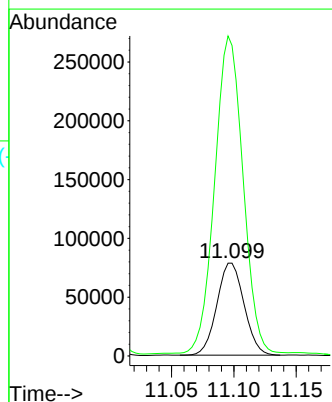
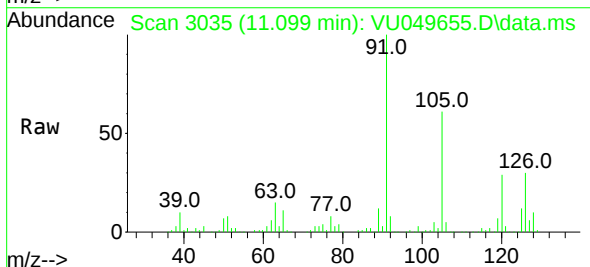
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

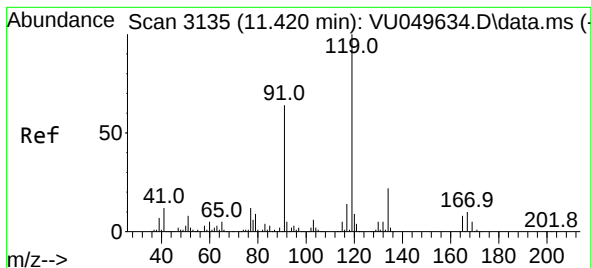
Tgt Ion:105 Resp: 444232
Ion Ratio Lower Upper
105 100
120 46.4 37.6 56.4



#76
4-Chlorotoluene
Concen: 10.262 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion:126 Resp: 118713
Ion Ratio Lower Upper
126 100
91 360.9 0.0 738.8





#77

tert-Butylbenzene

Concen: 10.226 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

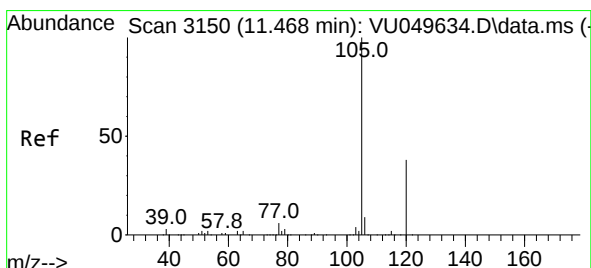
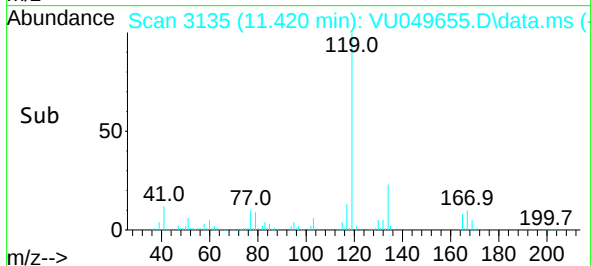
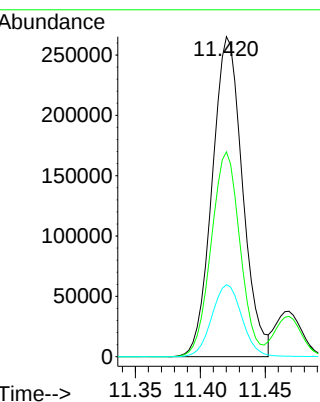
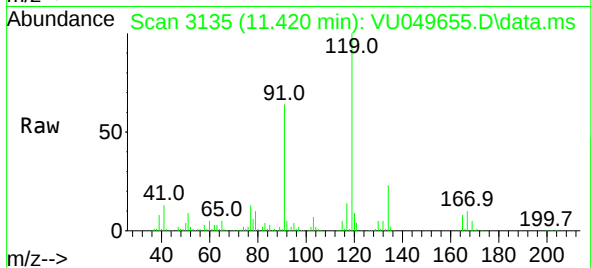
Tgt Ion:119 Resp: 431474

Ion Ratio Lower Upper

119 100

91 61.1 30.4 91.3

134 22.4 17.8 26.6



#78

1,2,4-Trimethylbenzene

Concen: 10.538 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU049655.D

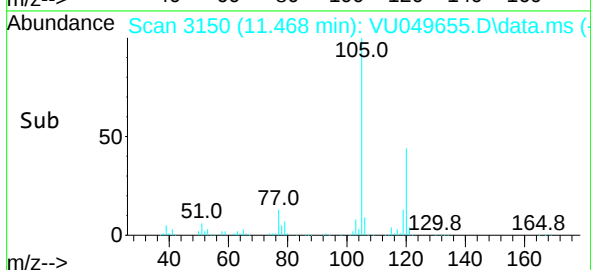
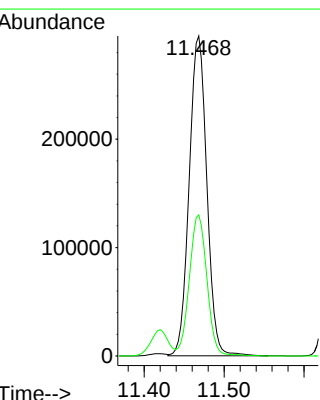
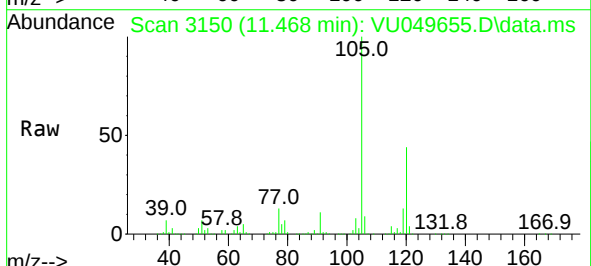
Acq: 07 Jul 2022 16:26

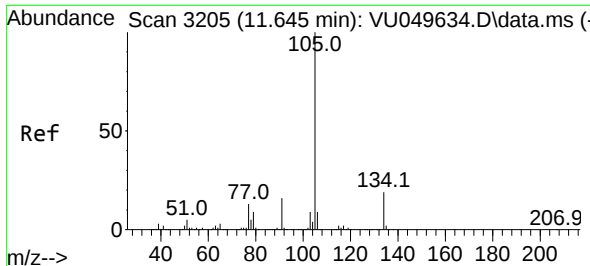
Tgt Ion:105 Resp: 453344

Ion Ratio Lower Upper

105 100

120 44.0 21.6 65.0

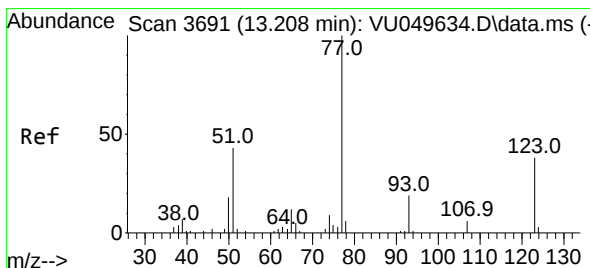
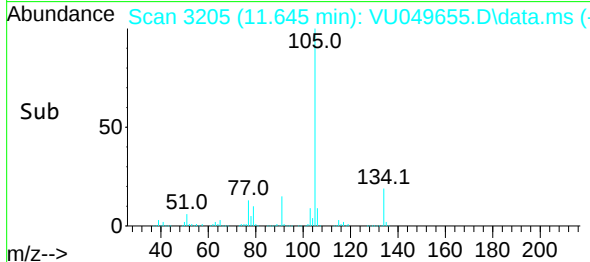
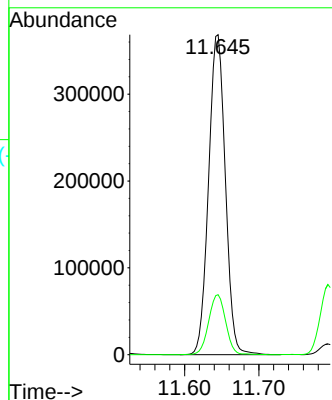
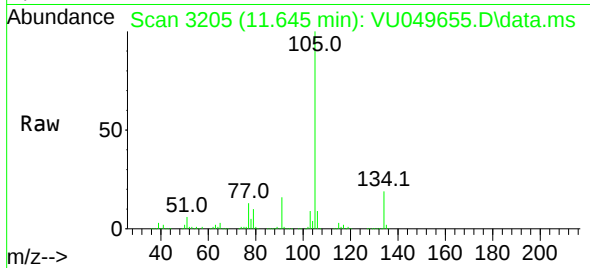




#79
 sec-Butylbenzene
 Concen: 10.418 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049655.D
 Acq: 07 Jul 2022 16:26

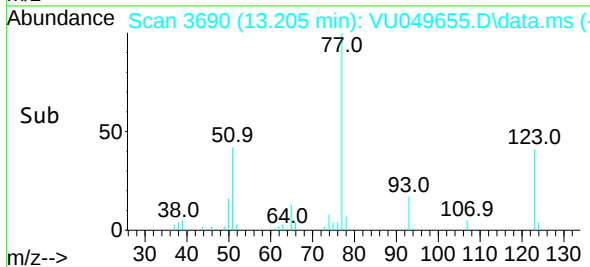
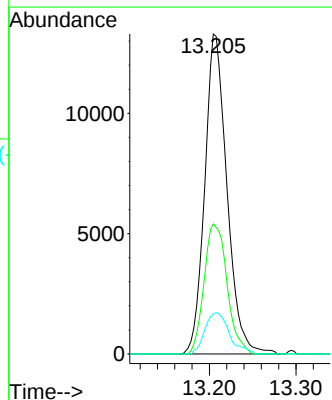
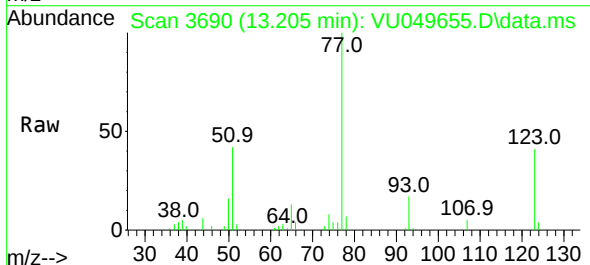
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

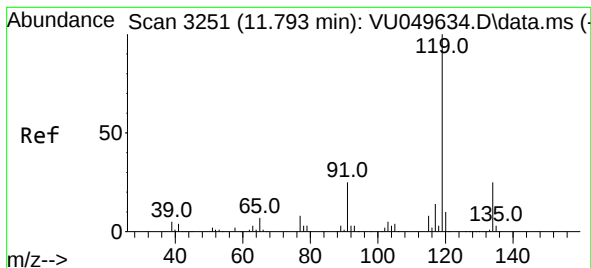
Tgt Ion:105 Resp: 576602
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.4 23.0



#80
 Nitrobenzene
 Concen: 53.328 ug/l
 RT: 13.205 min Scan# 3690
 Delta R.T. -0.003 min
 Lab File: VU049655.D
 Acq: 07 Jul 2022 16:26

Tgt Ion: 77 Resp: 23688
 Ion Ratio Lower Upper
 77 100
 123 41.9 18.1 64.3
 65 14.1 10.8 13.8#





#81

p-Isopropyltoluene

Concen: 10.559 ug/l

RT: 11.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

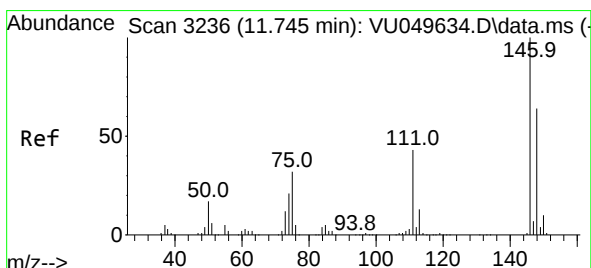
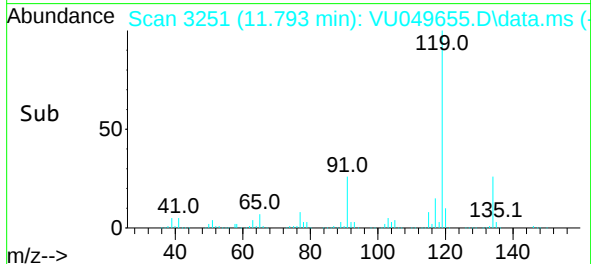
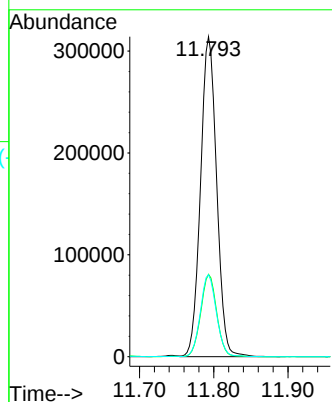
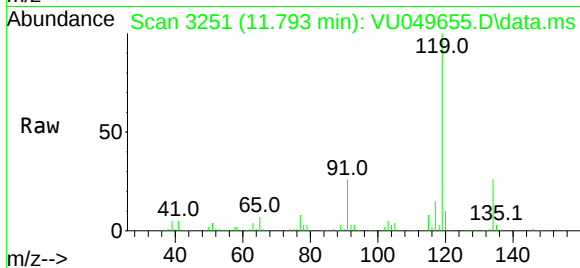
Tgt Ion:119 Resp: 474068

Ion Ratio Lower Upper

119 100

134 25.4 20.5 30.7

91 25.3 19.8 29.6



#82

1,3-Dichlorobenzene

Concen: 10.349 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. 0.000 min

Lab File: VU049655.D

Acq: 07 Jul 2022 16:26

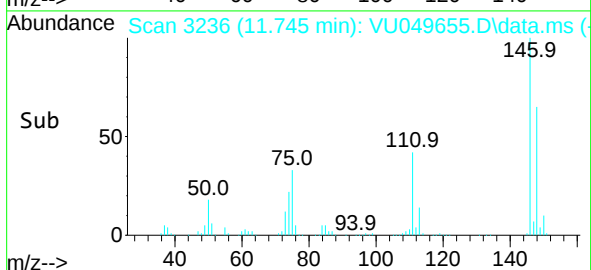
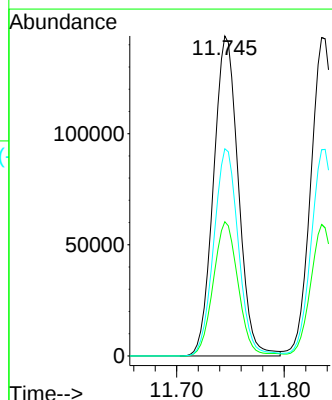
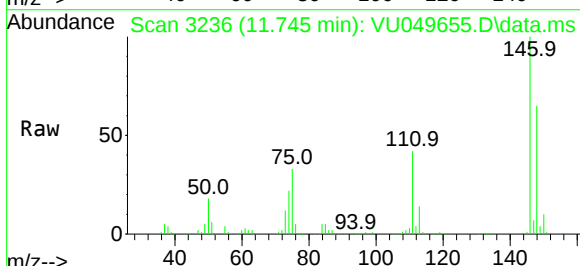
Tgt Ion:146 Resp: 231260

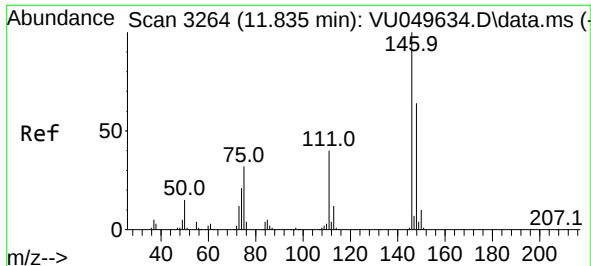
Ion Ratio Lower Upper

146 100

111 42.1 33.4 50.2

148 64.5 51.2 76.8

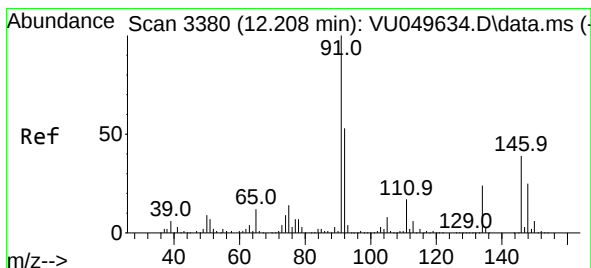
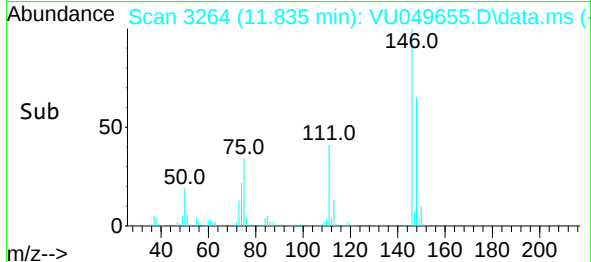
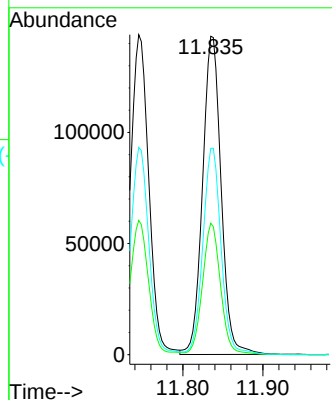
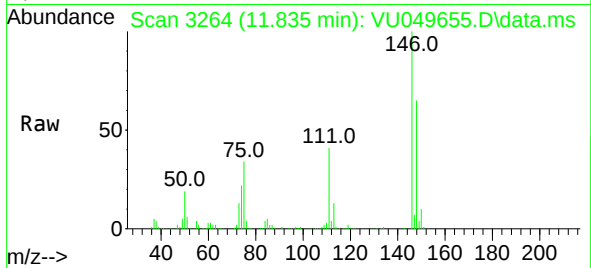




#83
1,4-Dichlorobenzene
Concen: 10.269 ug/l
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

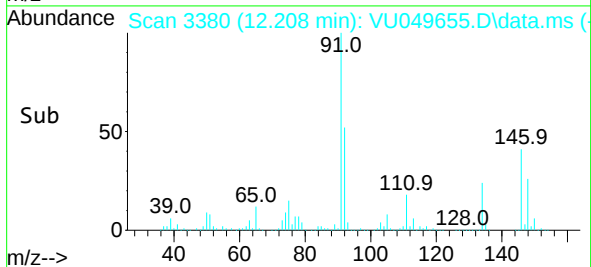
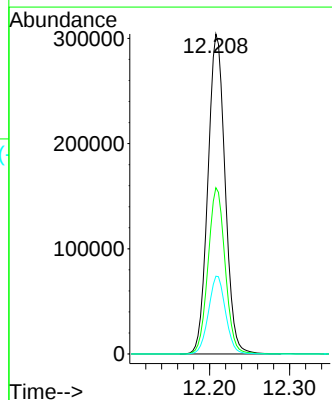
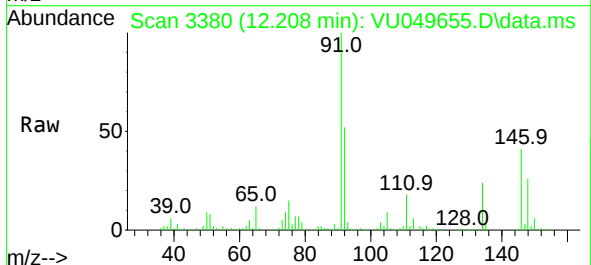
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

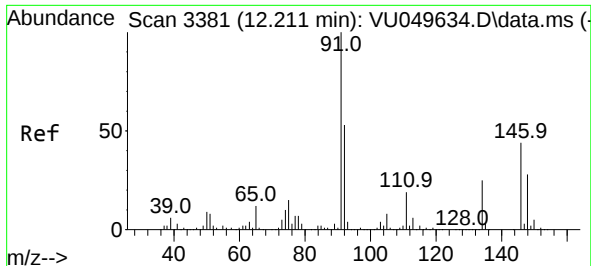
Tgt Ion:146 Resp: 231546
Ion Ratio Lower Upper
146 100
111 40.3 32.6 49.0
148 64.0 51.6 77.4



#84
n-Butylbenzene
Concen: 10.884 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion: 91 Resp: 455072
Ion Ratio Lower Upper
91 100
92 51.6 42.3 63.5
134 24.2 19.6 29.4

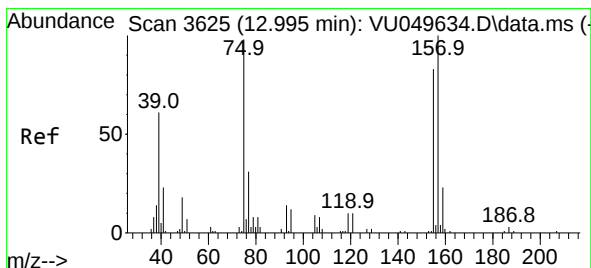
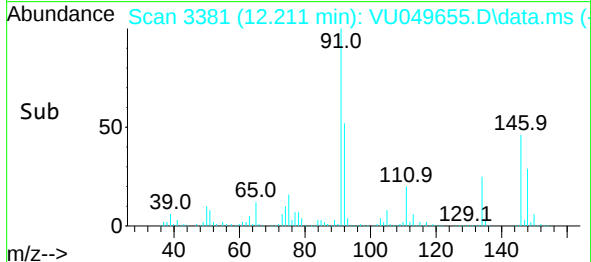
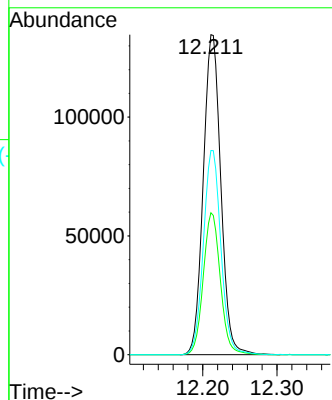
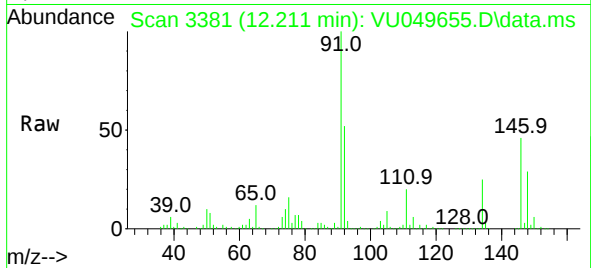




#85
 1,2-Dichlorobenzene
 Concen: 10.219 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.000 min
 Lab File: VU049655.D
 Acq: 07 Jul 2022 16:26

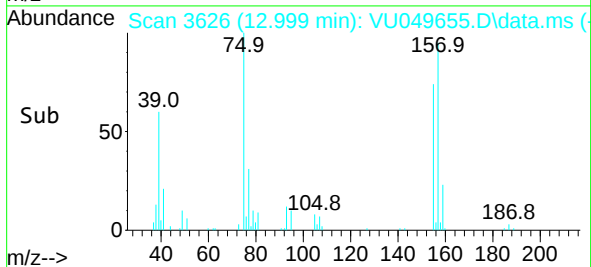
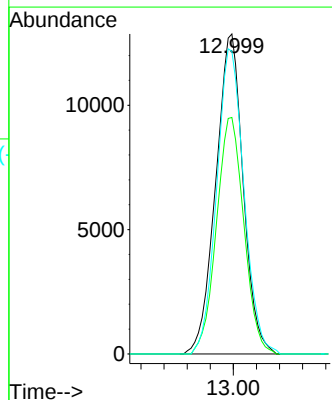
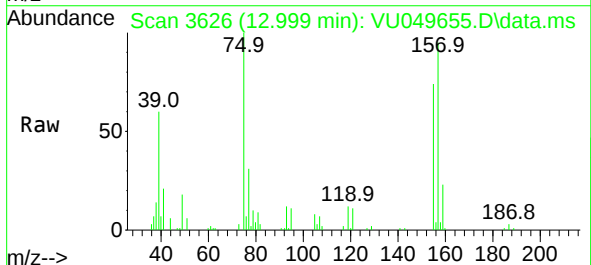
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:146 Resp: 221211
 Ion Ratio Lower Upper
 146 100
 111 43.1 22.1 66.1
 148 63.7 32.1 96.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.194 ug/l
 RT: 12.999 min Scan# 3626
 Delta R.T. 0.003 min
 Lab File: VU049655.D
 Acq: 07 Jul 2022 16:26

Tgt Ion: 75 Resp: 21196
 Ion Ratio Lower Upper
 75 100
 155 73.8 66.8 100.2
 157 94.9 83.8 125.8

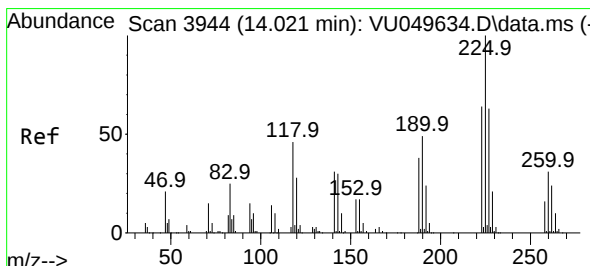
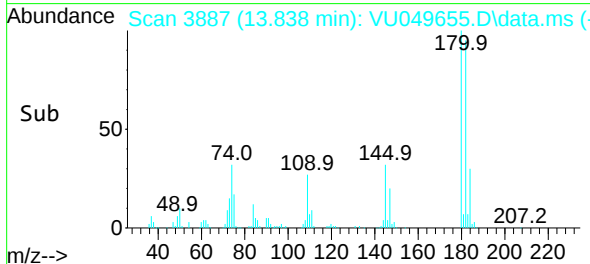
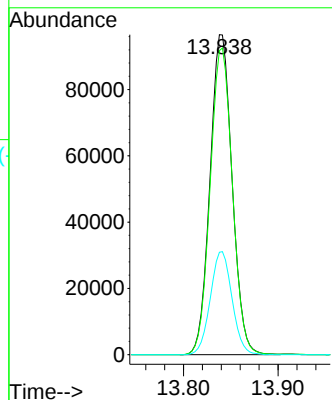
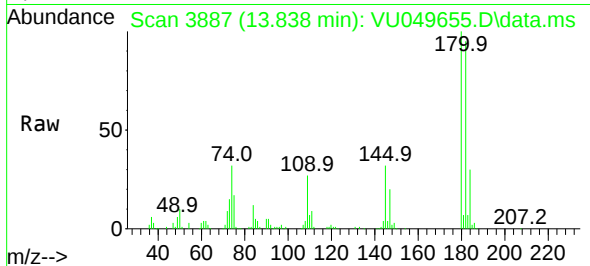




#87
1,2,4-Trichlorobenzene
Concen: 10.744 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. -0.003 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

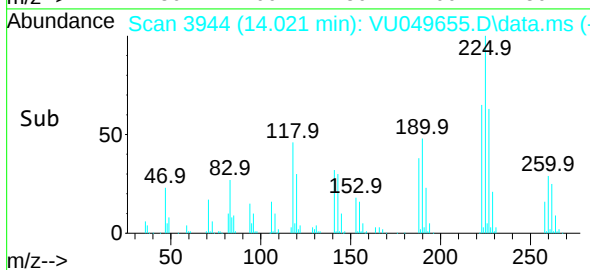
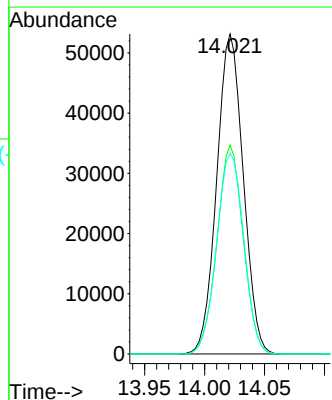
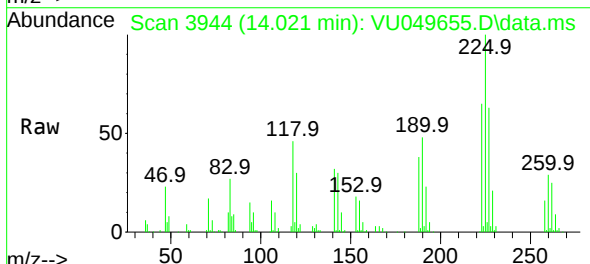
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

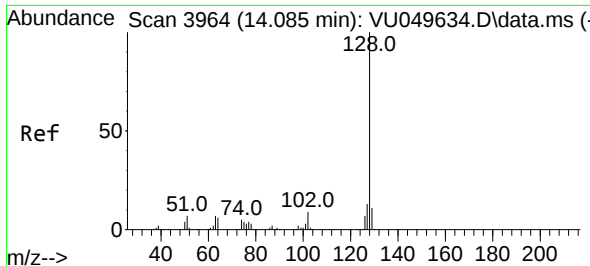
Tgt Ion:180 Resp: 156906
Ion Ratio Lower Upper
180 100
182 96.2 77.0 115.6
145 31.7 25.7 38.5



#88
Hexachlorobutadiene
Concen: 10.974 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion:225 Resp: 81681
Ion Ratio Lower Upper
225 100
223 64.5 50.6 76.0
227 64.3 50.7 76.1

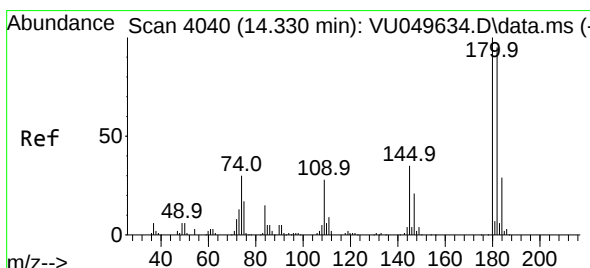
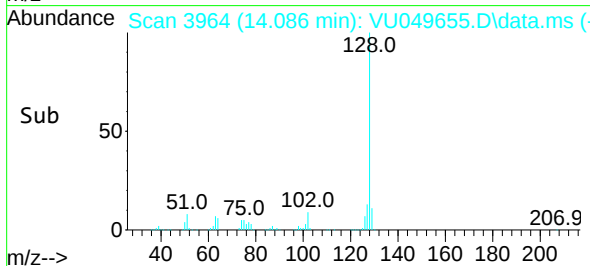
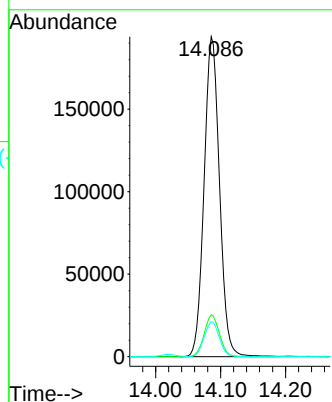
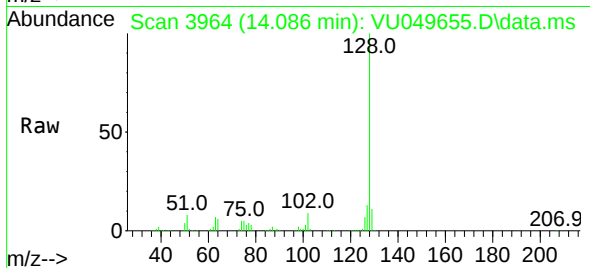




#89
Naphthalene
Concen: 10.468 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 320551
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.8 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 10.619 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049655.D
Acq: 07 Jul 2022 16:26

Tgt Ion:180 Resp: 148092
Ion Ratio Lower Upper
180 100
182 95.9 76.6 114.8
145 33.6 27.3 40.9

