

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011223\
 Data File : VU052656.D
 Acq On : 12 Jan 2023 09:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 13 01:39:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 13 01:24:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	248183	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	427988	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	398724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	208769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	190998	48.169	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.340%
35) Dibromofluoromethane	5.285	113	142375	48.296	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.600%
50) Toluene-d8	7.896	98	560387	49.514	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.020%
62) 4-Bromofluorobenzene	10.629	95	209647	51.113	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.220%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	155261	49.643	ug/l	99
3) Chloromethane	1.520	50	202624	49.567	ug/l	97
4) Vinyl Chloride	1.604	62	183843	46.891	ug/l	98
5) Bromomethane	1.858	94	102036	44.754	ug/l	99
6) Chloroethane	1.932	64	102096	43.403	ug/l	96
7) Trichlorofluoromethane	2.131	101	230638	46.851	ug/l	99
8) Diethyl Ether	2.372	74	94781	46.852	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.575	101	139237	47.314	ug/l	93
10) Methyl Iodide	2.719	142	152258	49.940	ug/l	95
11) Tert butyl alcohol	3.224	59	23880	30.694	ug/l	# 37
12) 1,1-Dichloroethene	2.575	96	136838	47.203	ug/l	89
13) Acrolein	2.485	56	196904	209.619	ug/l	100
14) Allyl chloride	2.919	41	279549	48.963	ug/l	87
15) Acrylonitrile	3.314	53	502864	240.251	ug/l	98
16) Acetone	2.636	43	541555	266.332	ug/l	99
17) Carbon Disulfide	2.790	76	431396	46.961	ug/l	99
18) Methyl Acetate	2.948	43	279082	47.092	ug/l	91
19) Methyl tert-butyl Ether	3.359	73	501444	50.027	ug/l	94
20) Methylene Chloride	3.044	84	173190	50.169	ug/l	# 87
21) trans-1,2-Dichloroethene	3.350	96	152796	48.702	ug/l	91
22) Diisopropyl ether	3.986	45	551539	50.249	ug/l	# 73
23) Vinyl Acetate	3.948	43	2156311	252.212	ug/l	95
24) 1,1-Dichloroethane	3.864	63	307274	47.587	ug/l	98
25) 2-Butanone	4.703	43	715195	256.168	ug/l	92
26) 2,2-Dichloropropane	4.662	77	240513	47.785	ug/l	98
27) cis-1,2-Dichloroethene	4.662	96	173458	48.418	ug/l	89
28) Bromochloromethane	4.970	49	145481	48.996	ug/l	# 71
29) Tetrahydrofuran	5.054	42	414708	244.911	ug/l	87
30) Chloroform	5.083	83	295437	44.987	ug/l	99
31) Cyclohexane	5.385	56	291294	47.622	ug/l	89
32) 1,1,1-Trichloroethane	5.311	97	245341	47.720	ug/l	97
36) 1,1-Dichloropropene	5.520	75	226586	48.843	ug/l	95
37) Ethyl Acetate	4.800	43	260946	44.388	ug/l	96
38) Carbon Tetrachloride	5.520	117	208758	48.523	ug/l	98
39) Methylcyclohexane	6.761	83	270878	50.755	ug/l	91
40) Benzene	5.771	78	670114	48.879	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	135343	49.064	ug/l #	88
42) 1,2-Dichloroethane	5.790	62	234634	47.594	ug/l	99
43) Isopropyl Acetate	5.909	43	374607	48.555	ug/l	97
44) Trichloroethene	6.539	130	152921	47.199	ug/l	86
45) 1,2-Dichloropropane	6.787	63	182377	48.039	ug/l	100
46) Dibromomethane	6.915	93	113860	47.791	ug/l	88
47) Bromodichloromethane	7.102	83	229347	46.940	ug/l	99
48) Methyl methacrylate	6.957	41	179716	50.140	ug/l	88
49) 1,4-Dioxane	7.031	88	69979	1027.999	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	1267262	251.358	ug/l	97
52) Toluene	7.967	92	404740	50.199	ug/l	98
53) t-1,3-Dichloropropene	8.205	75	261355	50.684	ug/l	99
54) cis-1,3-Dichloropropene	7.604	75	281970	50.218	ug/l	98
55) 1,1,2-Trichloroethane	8.394	97	157385	47.310	ug/l	98
56) Ethyl methacrylate	8.333	69	261037	47.155	ug/l	91
57) 1,3-Dichloropropane	8.571	76	290376	48.874	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	46648	227.640	ug/l	94
59) 2-Hexanone	8.690	43	1001670	259.929	ug/l	96
60) Dibromochloromethane	8.806	129	168005	48.618	ug/l	99
61) 1,2-Dibromoethane	8.919	107	164681	48.834	ug/l	99
64) Tetrachloroethene	8.549	164	125977	48.691	ug/l	93
65) Chlorobenzene	9.443	112	409081	48.155	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	149800	48.793	ug/l	98
67) Ethyl Benzene	9.568	91	759599	51.569	ug/l	96
68) m/p-Xylenes	9.690	106	591562	106.628	ug/l	95
69) o-Xylene	10.099	106	284715	53.913	ug/l	96
70) Styrene	10.111	104	479264	48.981	ug/l	97
71) Bromoform	10.288	173	126026	48.943	ug/l #	99
73) Isopropylbenzene	10.481	105	742980	51.997	ug/l	97
74) N-amyl acetate	10.320	43	334010	51.149	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.780	83	275004	45.617	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	306953	46.426	ug/l	99
77) Bromobenzene	10.780	156	171180	48.142	ug/l	79
78) n-propylbenzene	10.902	91	923418	53.122	ug/l	96
79) 2-Chlorotoluene	10.983	91	543797	51.153	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	639815	53.194	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.546	75	86695	50.059	ug/l	95
82) 4-Chlorotoluene	11.092	91	633331	52.230	ug/l	93
83) tert-Butylbenzene	11.417	119	620872	51.790	ug/l	95
84) 1,2,4-Trimethylbenzene	11.465	105	639660	53.946	ug/l	97
85) sec-Butylbenzene	11.639	105	807285	53.399	ug/l	97
86) p-Isopropyltoluene	11.790	119	675336	49.347	ug/l	97
87) 1,3-Dichlorobenzene	11.742	146	335687	48.957	ug/l	97
88) 1,4-Dichlorobenzene	11.832	146	345592	49.118	ug/l	98
89) n-Butylbenzene	12.205	91	611684	48.204	ug/l	97
90) Hexachloroethane	12.471	117	120610	49.660	ug/l	81
91) 1,2-Dichlorobenzene	12.208	146	335385	49.229	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.992	75	57771	44.845	ug/l	78
93) 1,2,4-Trichlorobenzene	13.835	180	204674	51.159	ug/l	98
94) Hexachlorobutadiene	14.018	225	102823	48.763	ug/l	99
95) Naphthalene	14.082	128	626955	46.187	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	203665	50.944	ug/l	97

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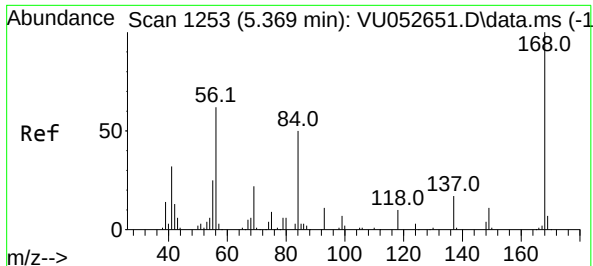
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QLast Update : Fri Jan 13 01:24:13 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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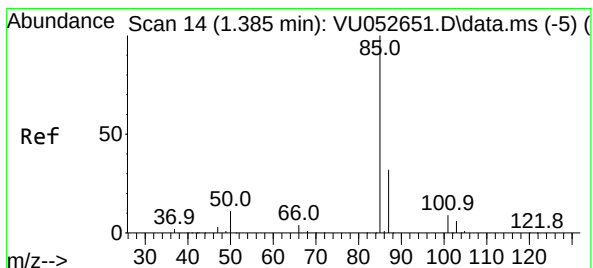
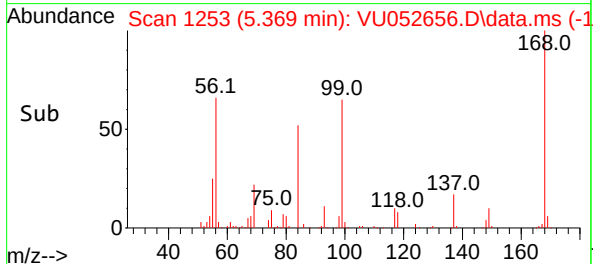
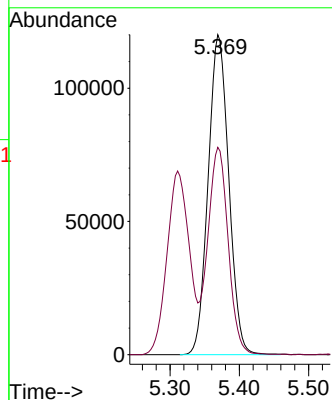
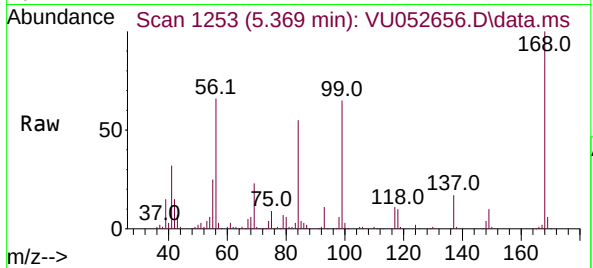




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
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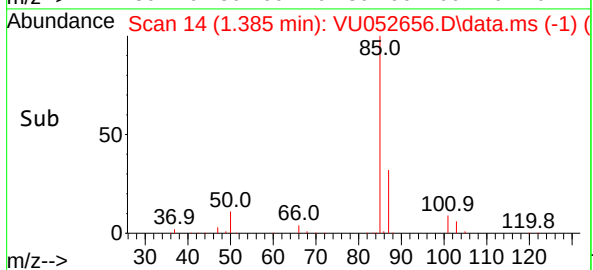
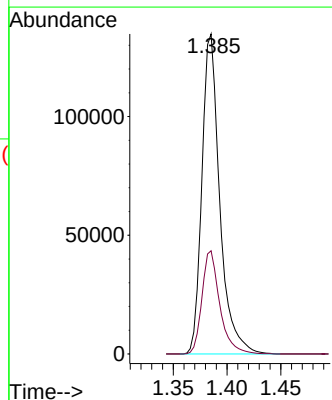
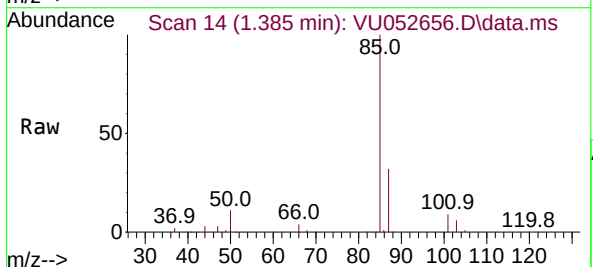
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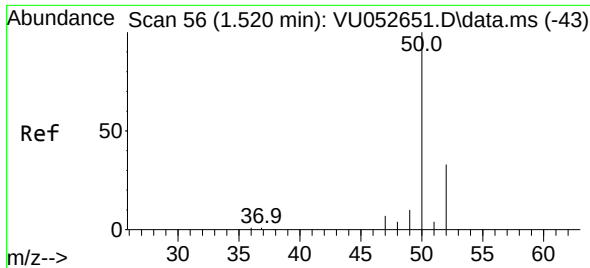
Tgt Ion:168 Resp: 248183
Ion Ratio Lower Upper
168 100
99 64.7 39.3 58.9#



#2
Dichlorodifluoromethane
Concen: 49.643 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion: 85 Resp: 155261
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.2

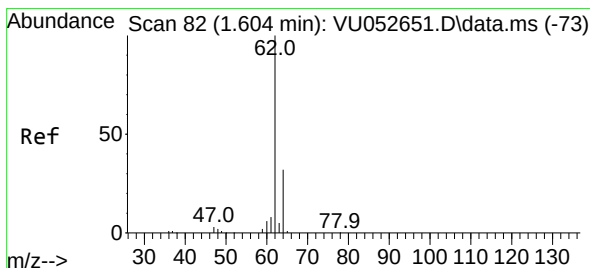
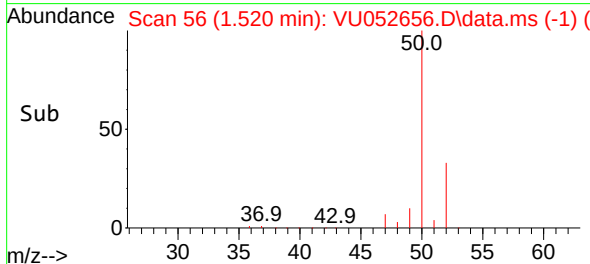
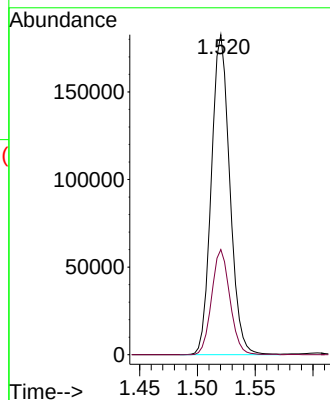
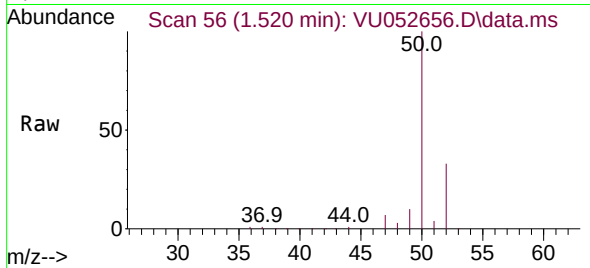




#3
Chloromethane
Concen: 49.567 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052656.D
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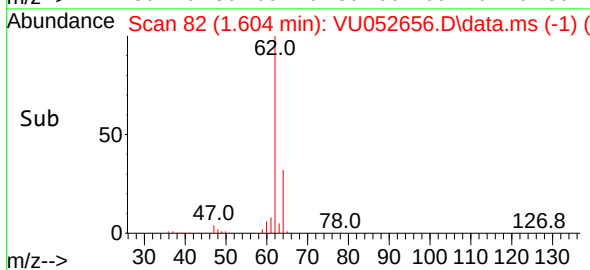
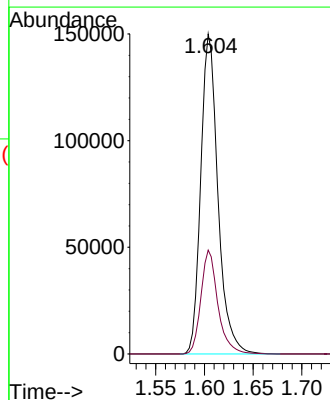
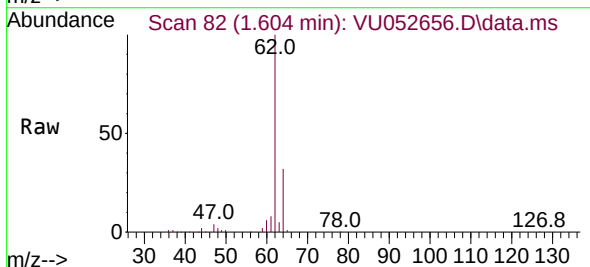
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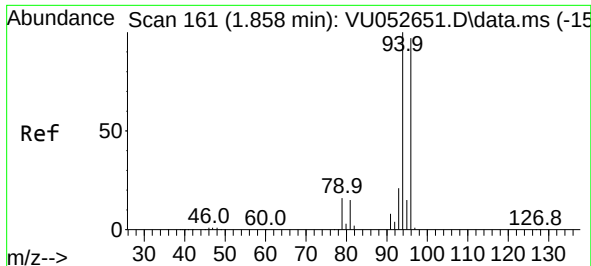
Tgt Ion: 50 Resp: 202624
Ion Ratio Lower Upper
50 100
52 32.8 27.4 41.2



#4
Vinyl Chloride
Concen: 46.891 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion: 62 Resp: 183843
Ion Ratio Lower Upper
62 100
64 32.5 25.3 37.9

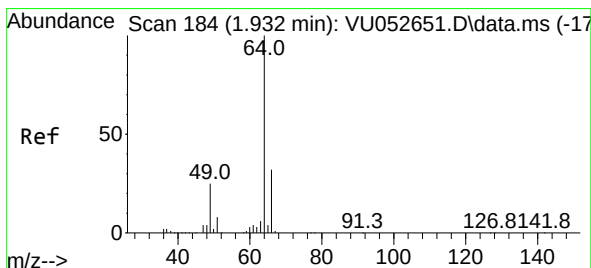
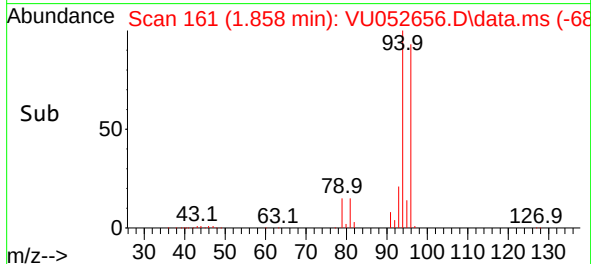
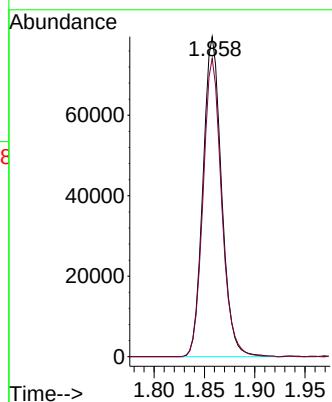
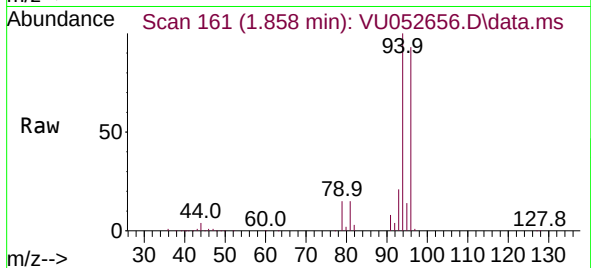




#5
Bromomethane
Concen: 44.754 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

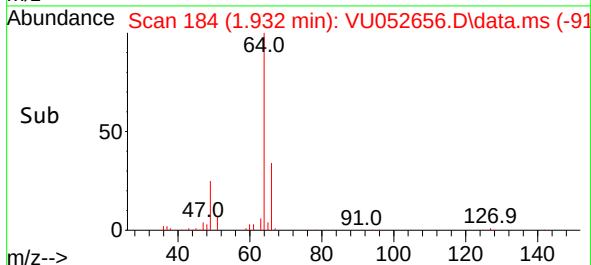
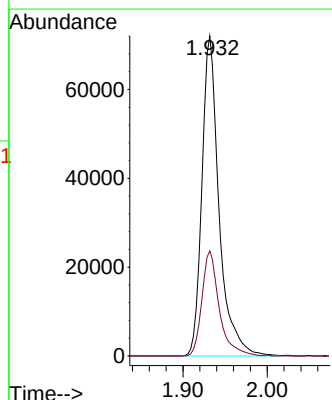
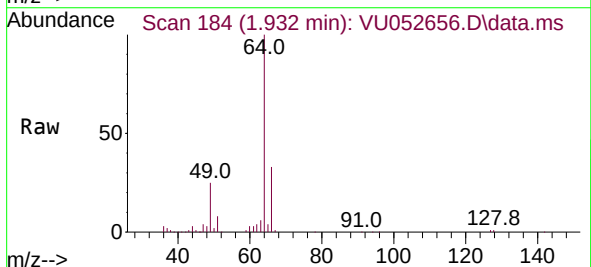
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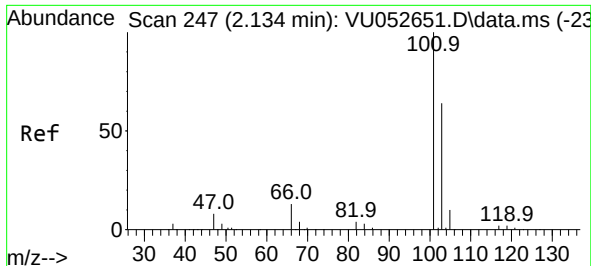
Tgt Ion: 94 Resp: 102036
Ion Ratio Lower Upper
94 100
96 93.2 73.7 110.5



#6
Chloroethane
Concen: 43.403 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion: 64 Resp: 102096
Ion Ratio Lower Upper
64 100
66 32.9 24.7 37.1

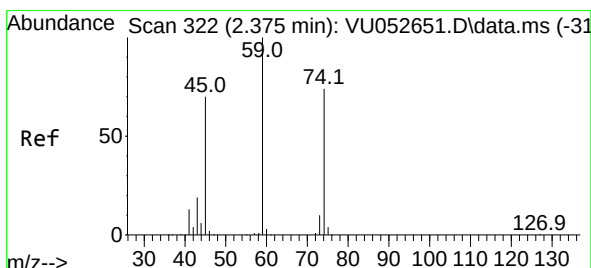
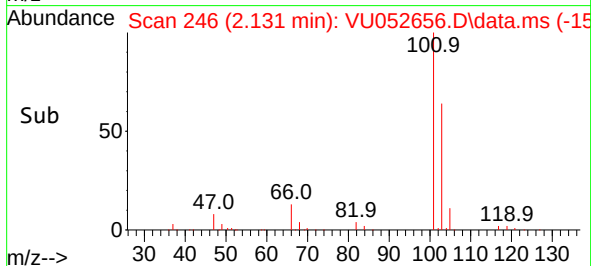
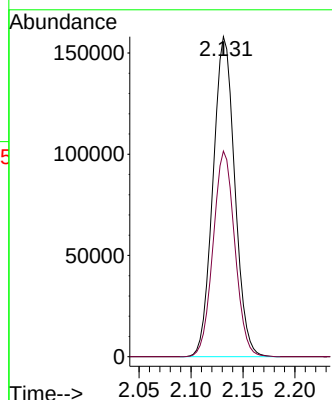
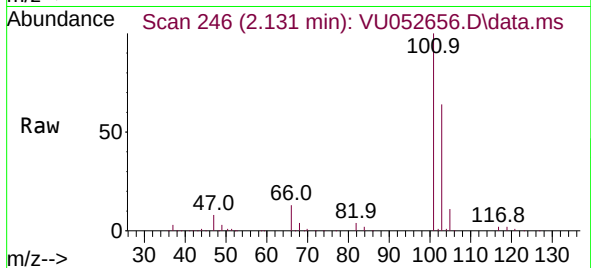




#7
Trichlorofluoromethane
Concen: 46.851 ug/l
RT: 2.131 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

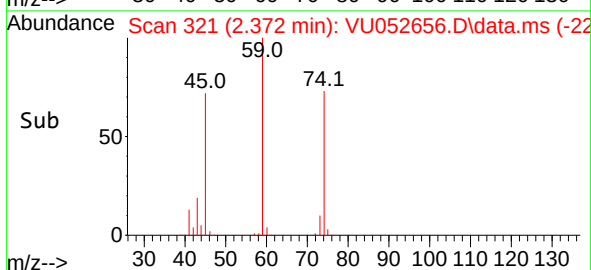
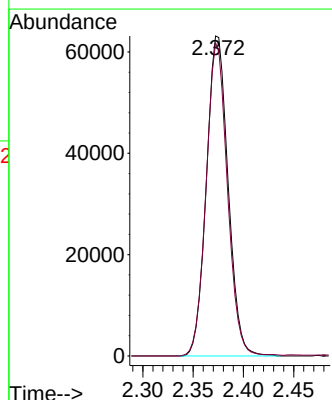
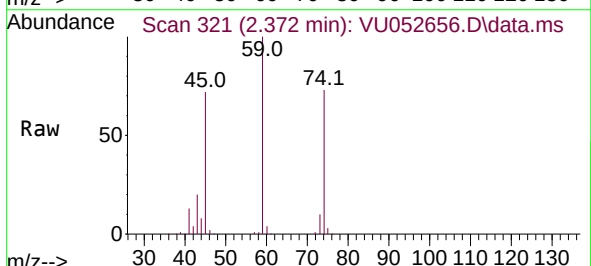
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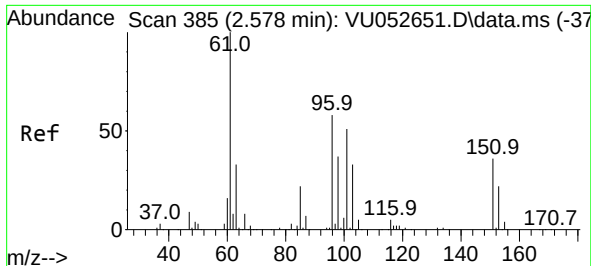
Tgt Ion:101 Resp: 230638
Ion Ratio Lower Upper
101 100
103 64.2 50.6 75.8



#8
Diethyl Ether
Concen: 46.852 ug/l
RT: 2.372 min Scan# 321
Delta R.T. -0.003 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion: 74 Resp: 94781
Ion Ratio Lower Upper
74 100
45 95.9 44.4 133.2

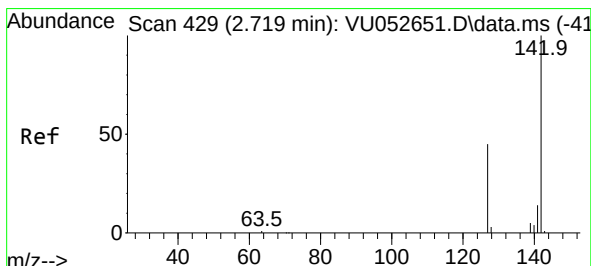
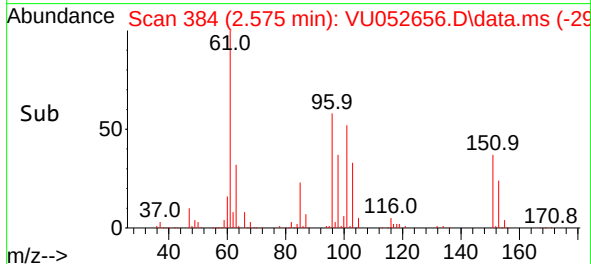
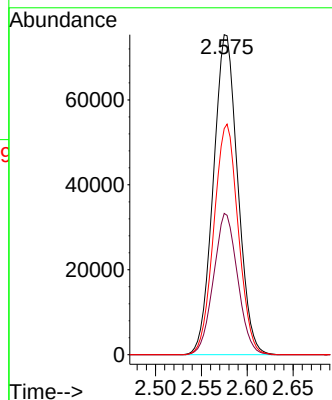
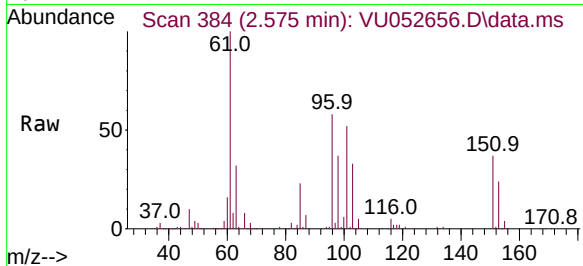




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.314 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
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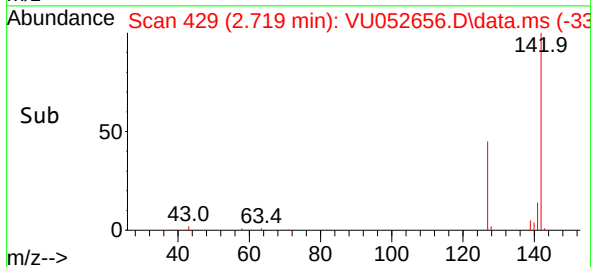
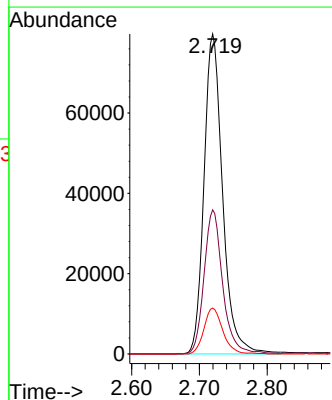
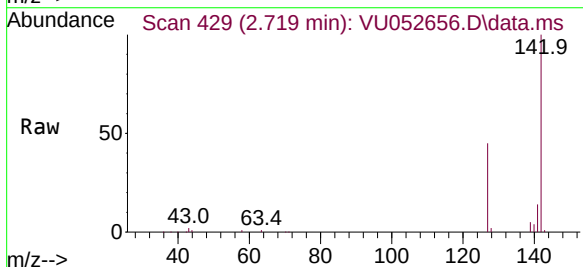
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

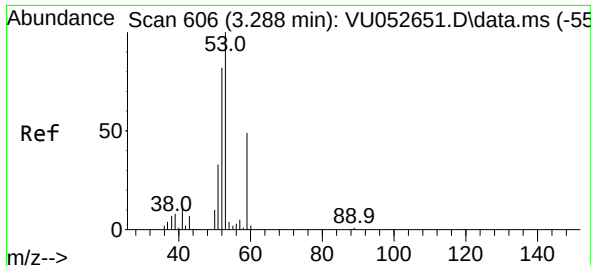
Tgt Ion:101 Resp: 139237
Ion Ratio Lower Upper
101 100
85 43.7 33.9 50.9
151 72.1 64.0 96.0



#10
Methyl Iodide
Concen: 49.940 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion:142 Resp: 152258
Ion Ratio Lower Upper
142 100
127 44.7 32.5 48.7
141 14.6 11.4 17.0

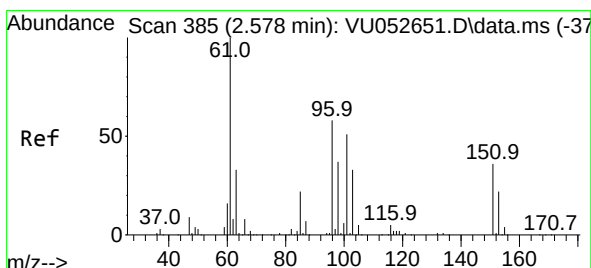
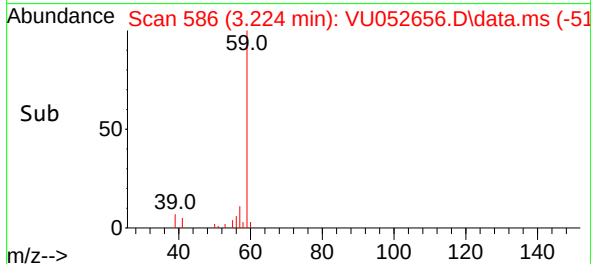
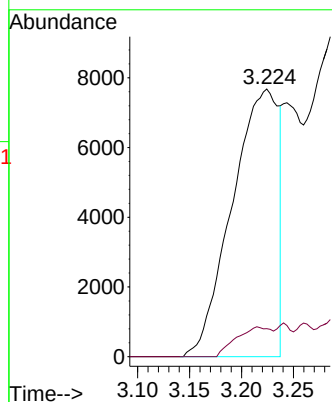
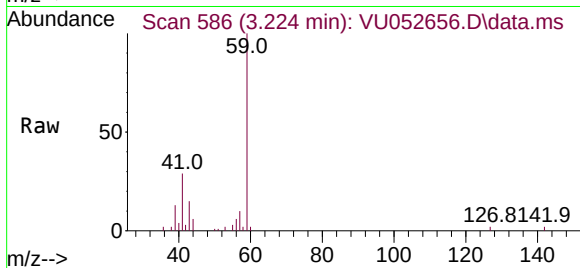




#11
Tert butyl alcohol
Concen: 30.694 ug/l
RT: 3.224 min Scan# 51
Delta R.T. -0.064 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

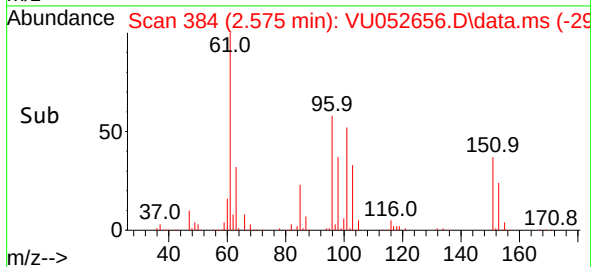
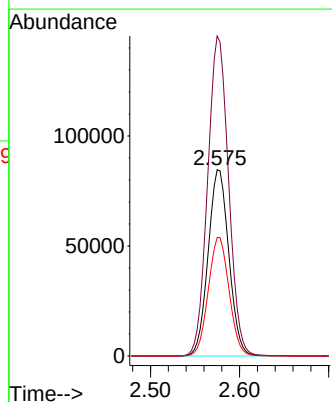
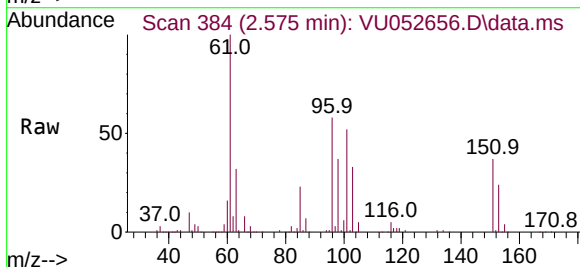
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

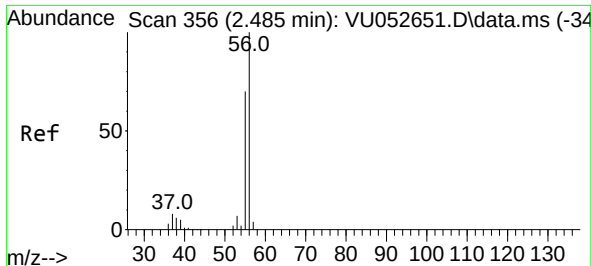
Tgt Ion: 59 Resp: 23880
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#



#12
1,1-Dichloroethene
Concen: 47.203 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion: 96 Resp: 136838
Ion Ratio Lower Upper
96 100
61 171.8 122.2 183.2
98 63.6 50.7 76.1

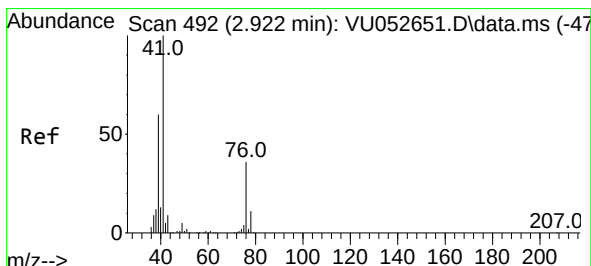
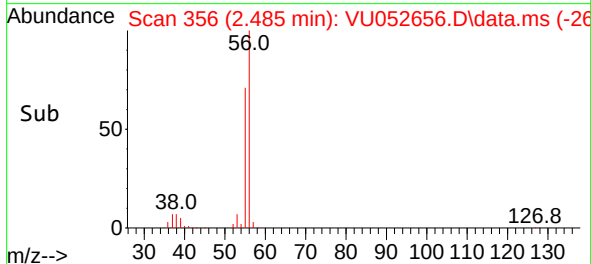
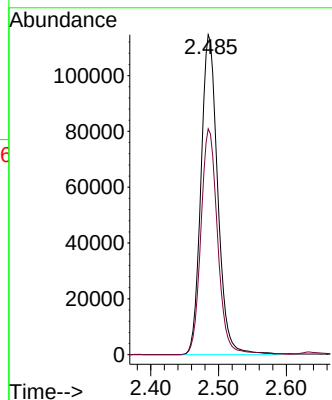
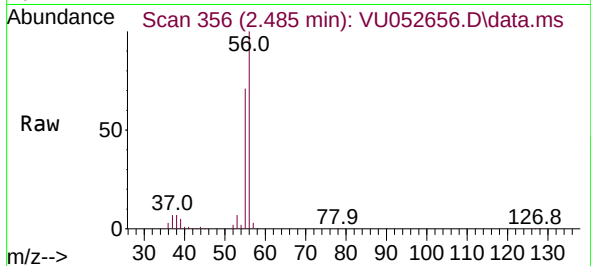




#13
Acrolein
Concen: 209.619 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

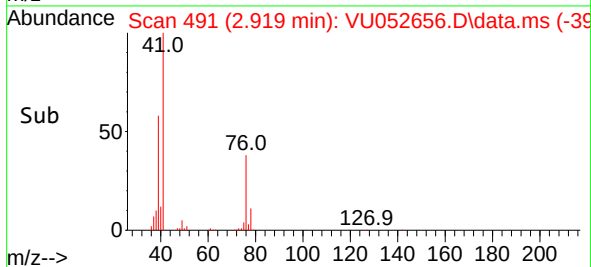
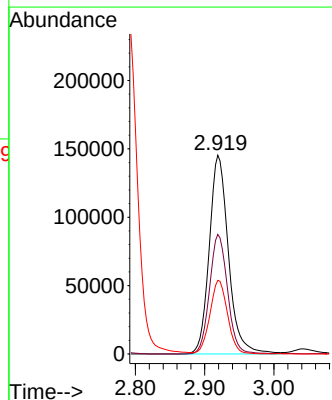
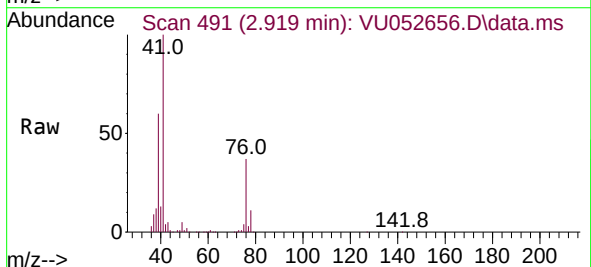
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

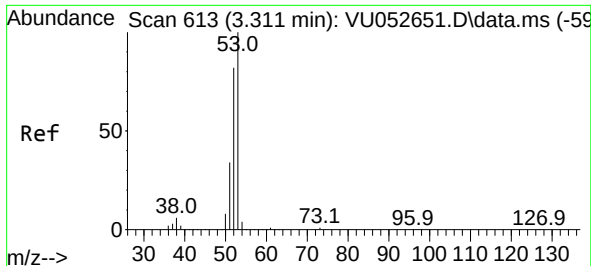
Tgt Ion: 56 Resp: 196904
Ion Ratio Lower Upper
56 100
55 70.5 56.6 85.0



#14
Allyl chloride
Concen: 48.963 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.003 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion: 41 Resp: 279549
Ion Ratio Lower Upper
41 100
39 56.3 53.4 80.2
76 33.8 33.8 50.6

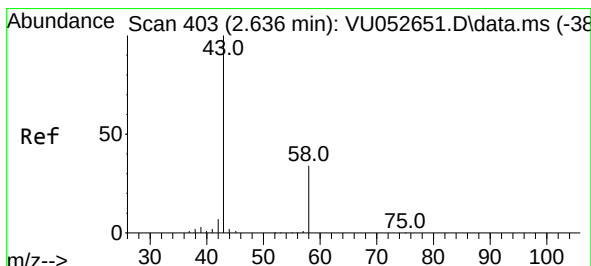
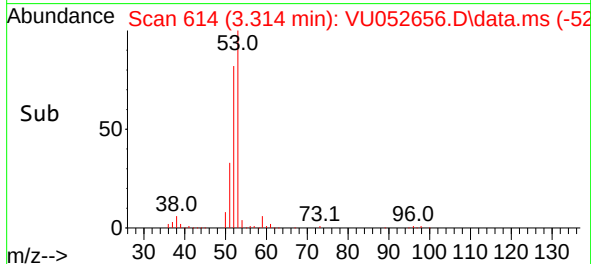
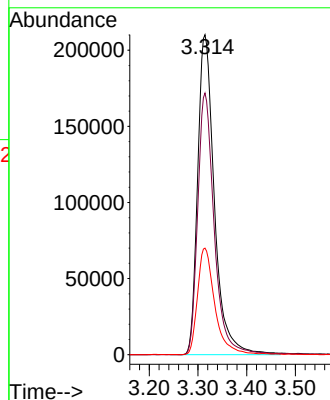
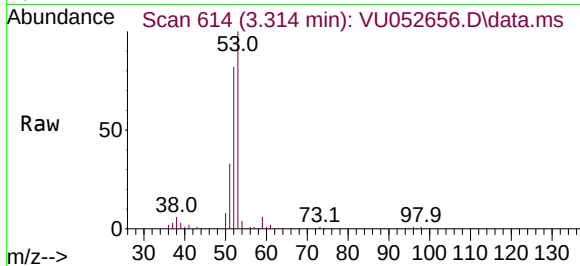




#15
Acrylonitrile
Concen: 240.251 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

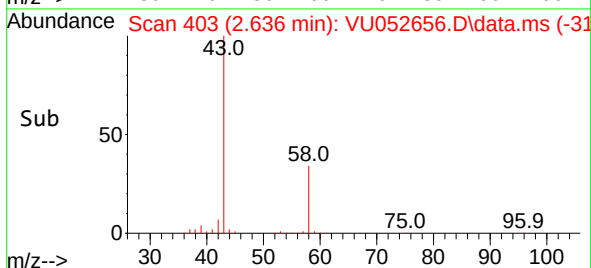
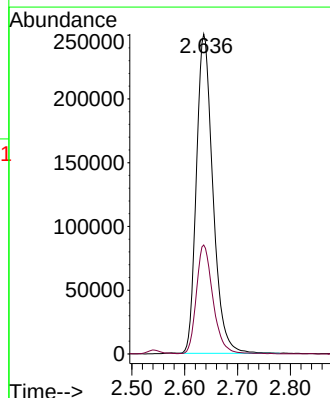
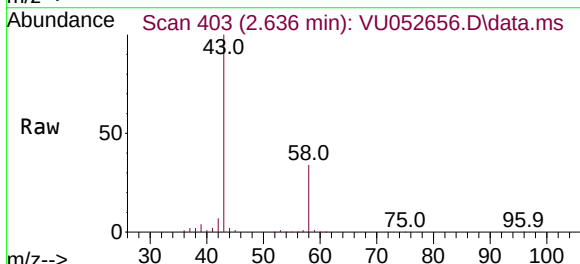
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

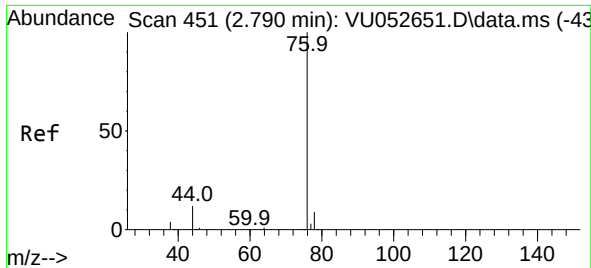
Tgt Ion: 53 Resp: 502864
Ion Ratio Lower Upper
53 100
52 80.5 65.7 98.5
51 34.3 28.2 42.4



#16
Acetone
Concen: 266.332 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion: 43 Resp: 541555
Ion Ratio Lower Upper
43 100
58 34.1 27.5 41.3

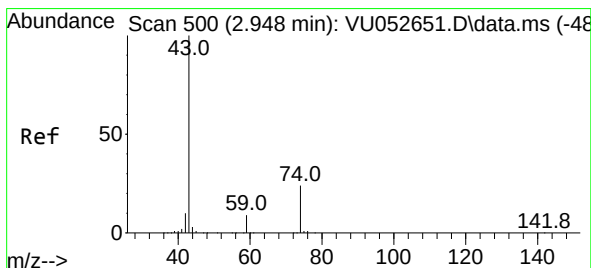
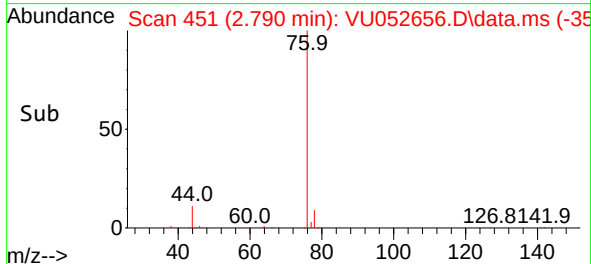
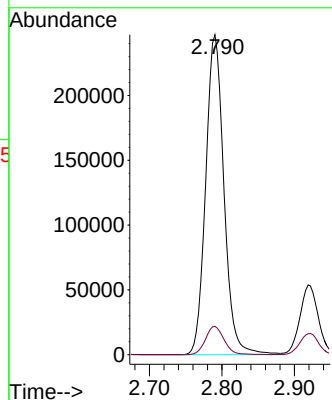
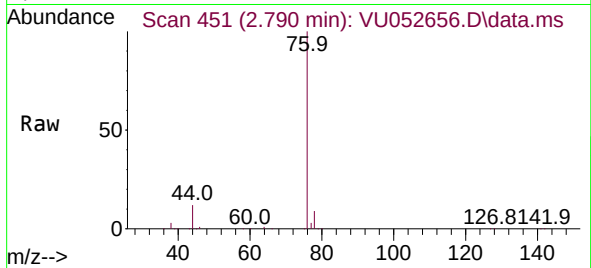




#17
Carbon Disulfide
Concen: 46.961 ug/l
RT: 2.790 min Scan# 451
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

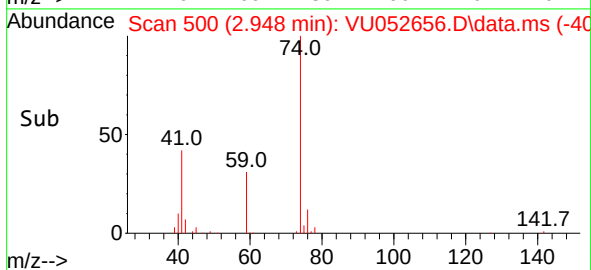
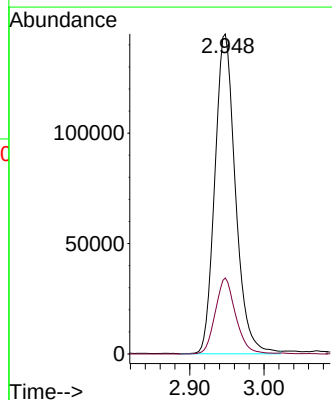
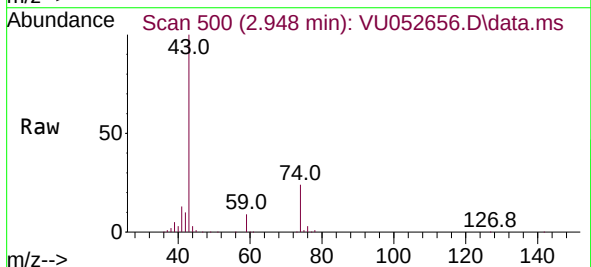
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

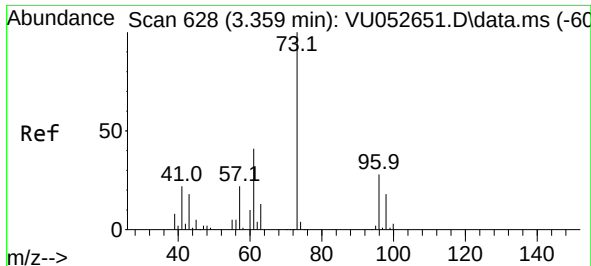
Tgt Ion: 76 Resp: 431396
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 47.092 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion: 43 Resp: 279082
Ion Ratio Lower Upper
43 100
74 23.6 22.5 33.7

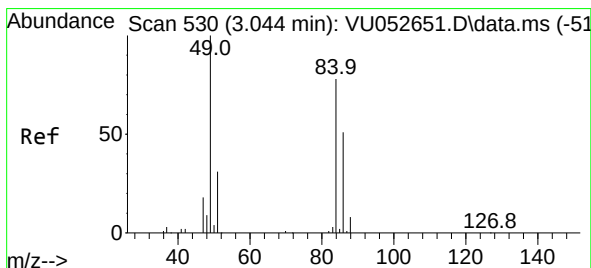
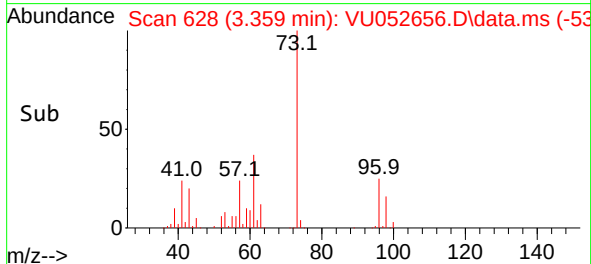
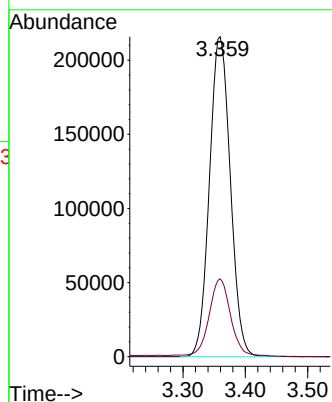
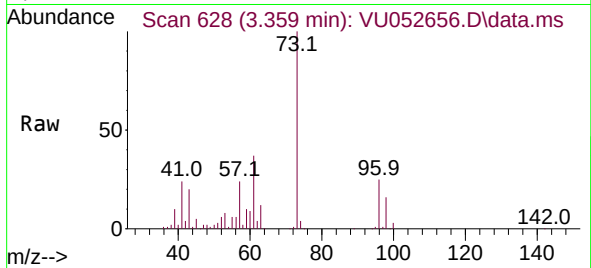




#19
Methyl tert-butyl Ether
Concen: 50.027 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

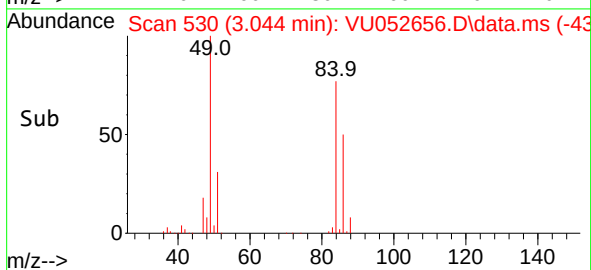
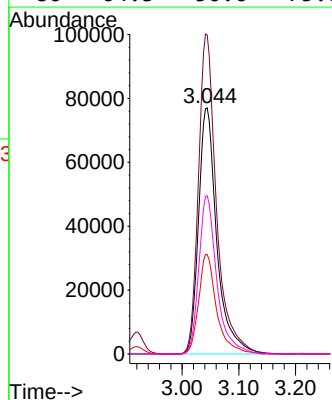
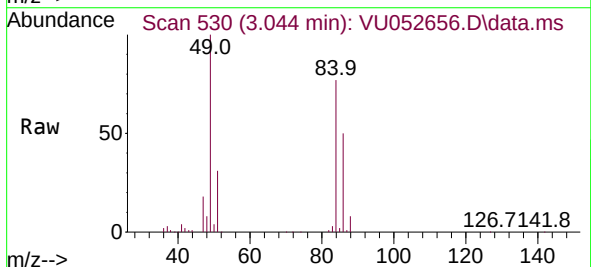
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

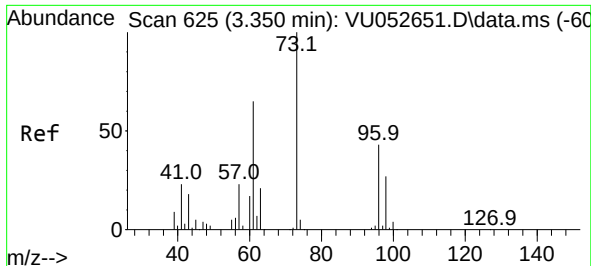
Tgt Ion: 73 Resp: 501444
Ion Ratio Lower Upper
73 100
57 24.1 17.1 25.7



#20
Methylene Chloride
Concen: 50.169 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion: 84 Resp: 173190
Ion Ratio Lower Upper
84 100
49 129.6 86.6 129.8
51 40.4 26.6 40.0#
86 64.3 50.6 75.8

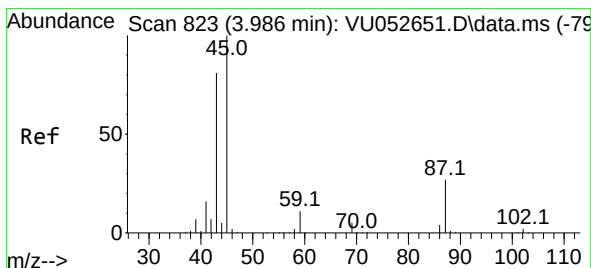
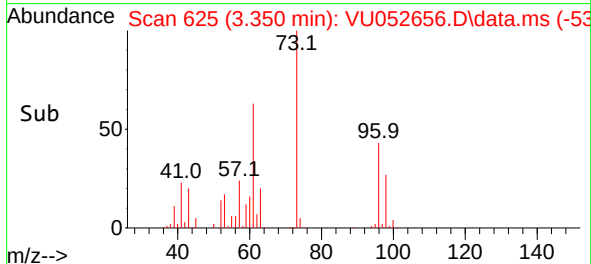
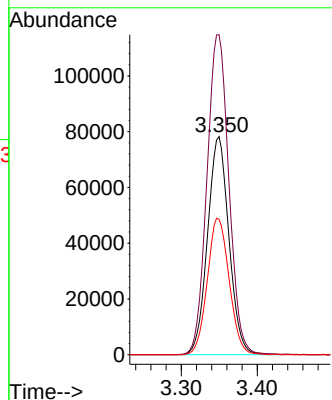
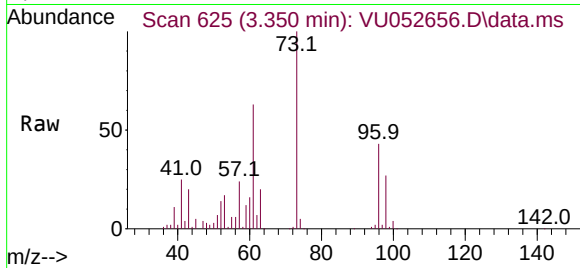




#21
trans-1,2-Dichloroethene
Concen: 48.702 ug/l
RT: 3.350 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

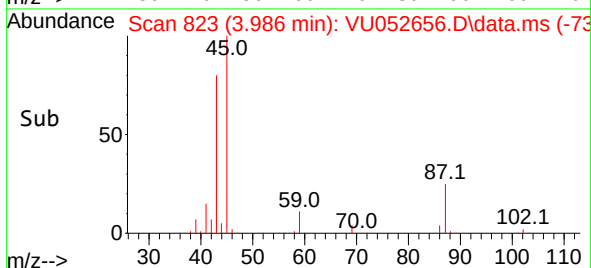
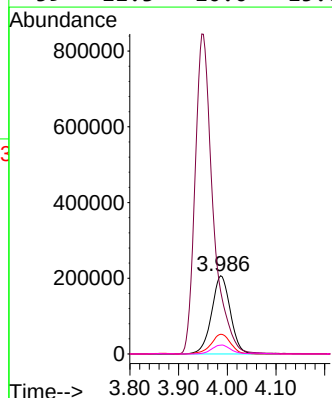
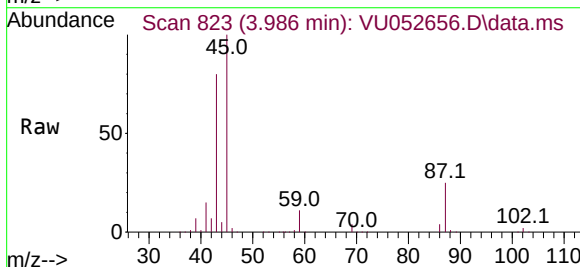
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

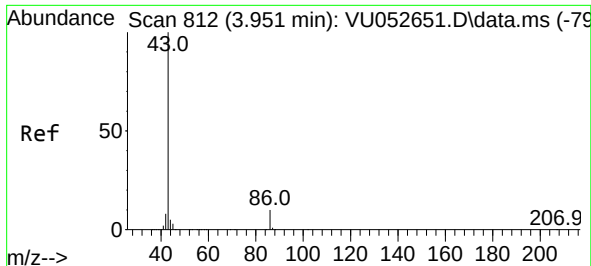
Tgt Ion: 96 Resp: 152796
Ion Ratio Lower Upper
96 100
61 146.5 106.1 159.1
98 62.1 50.8 76.2



#22
Diisopropyl ether
Concen: 50.249 ug/l
RT: 3.986 min Scan# 823
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion: 45 Resp: 551539
Ion Ratio Lower Upper
45 100
43 79.7 92.9 139.3#
87 25.1 26.2 39.2#
59 11.3 10.0 15.0

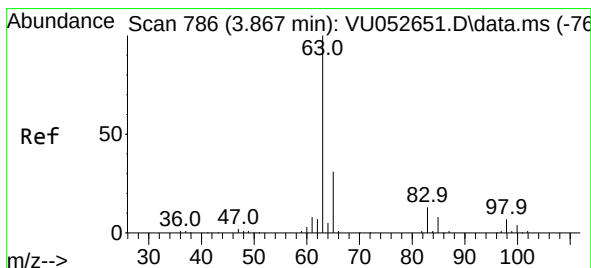
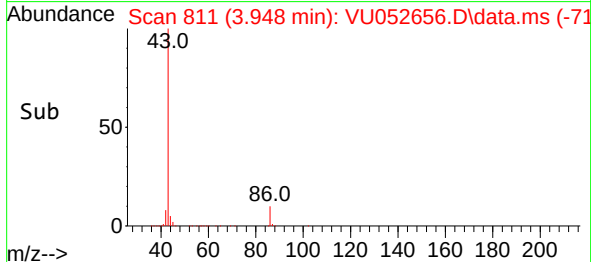
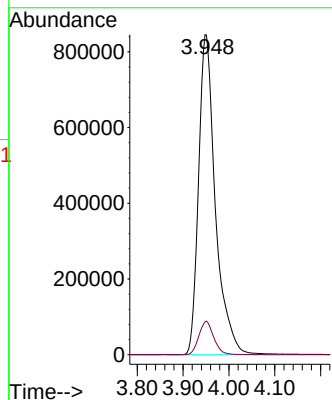
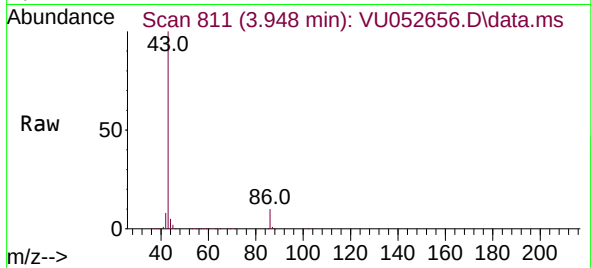




#23
 Vinyl Acetate
 Concen: 252.212 ug/l
 RT: 3.948 min Scan# 811
 Delta R.T. -0.003 min
 Lab File: VU052656.D
 Acq: 12 Jan 2023 09:45

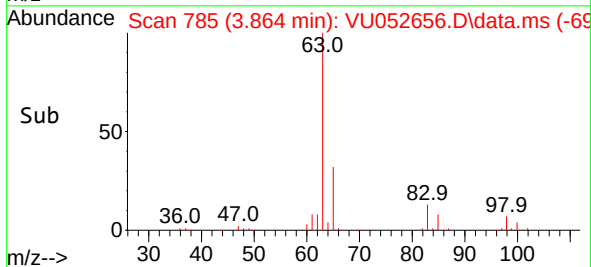
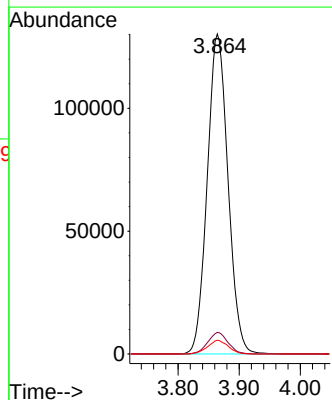
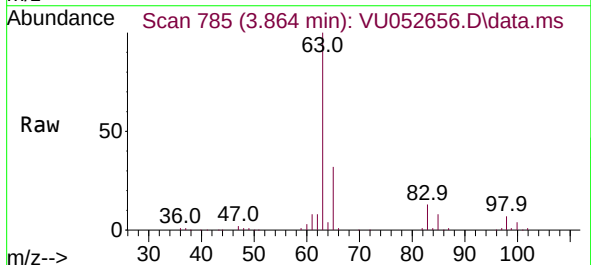
Instrument :
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 ClientSampleId :
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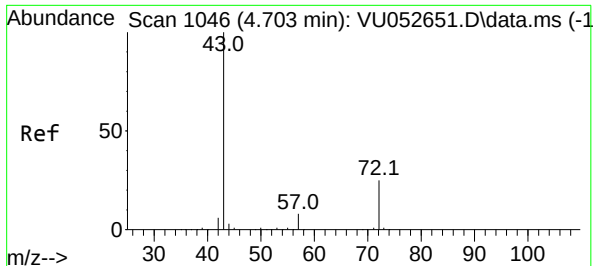
Tgt Ion: 43 Resp: 2156311
 Ion Ratio Lower Upper
 43 100
 86 10.3 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 47.587 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. -0.003 min
 Lab File: VU052656.D
 Acq: 12 Jan 2023 09:45

Tgt Ion: 63 Resp: 307274
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 4.3 2.4 7.2





#25

2-Butanone

Concen: 256.168 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. 0.000 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

Instrument :

MSVOA_U

ClientSampleId :

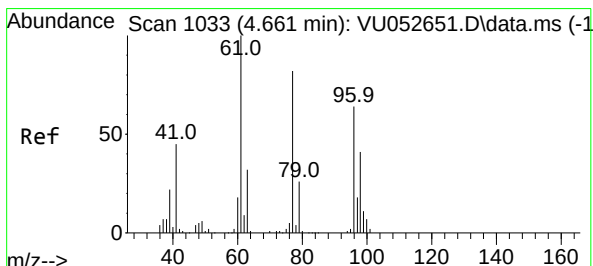
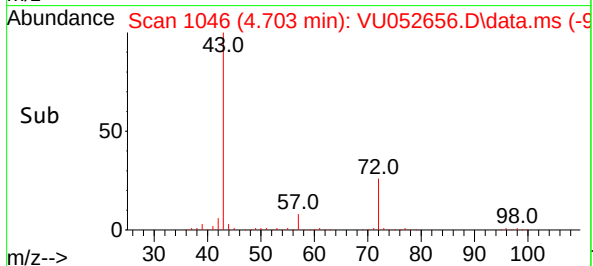
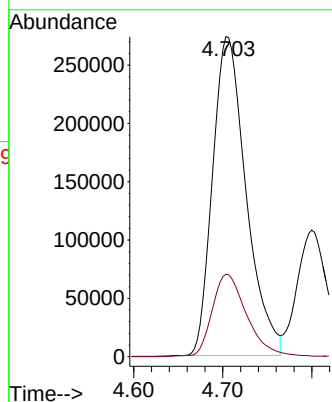
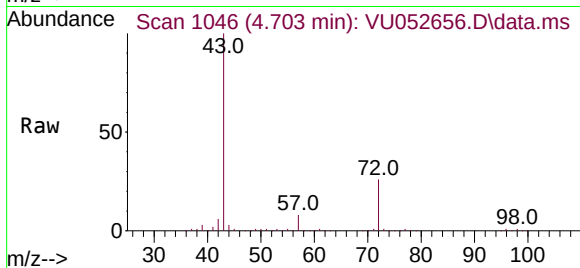
VSTDCCC050

Tgt Ion: 43 Resp: 715195

Ion Ratio Lower Upper

43 100

72 25.6 23.8 35.6



#26

2,2-Dichloropropane

Concen: 47.785 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. 0.001 min

Lab File: VU052656.D

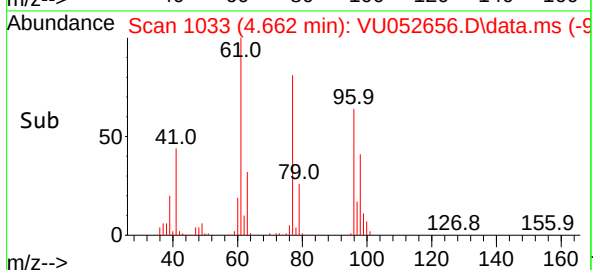
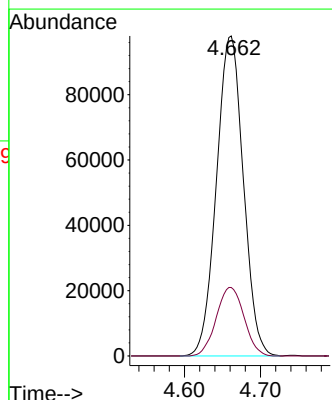
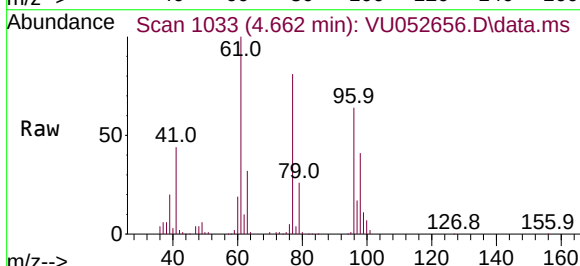
Acq: 12 Jan 2023 09:45

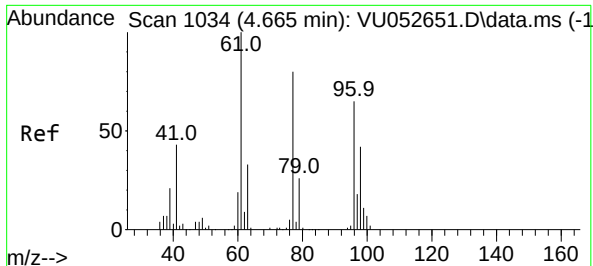
Tgt Ion: 77 Resp: 240513

Ion Ratio Lower Upper

77 100

97 22.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 48.418 ug/l

RT: 4.662 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

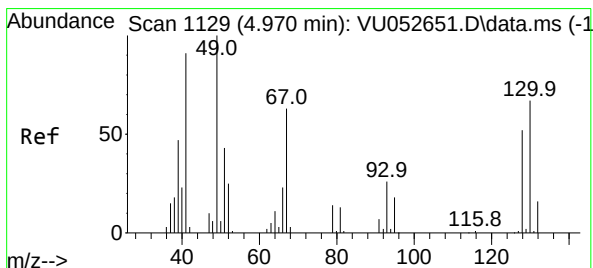
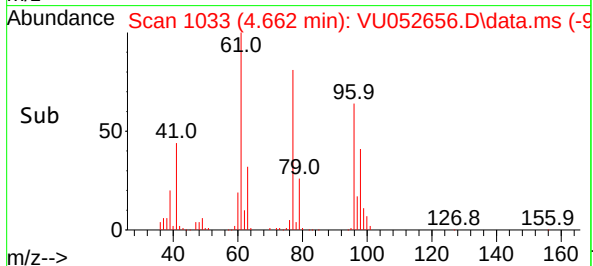
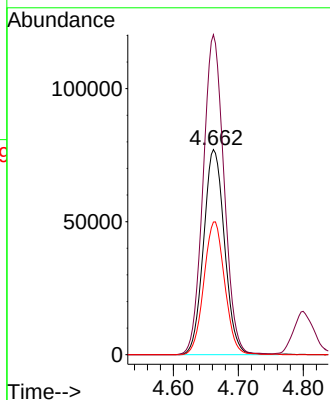
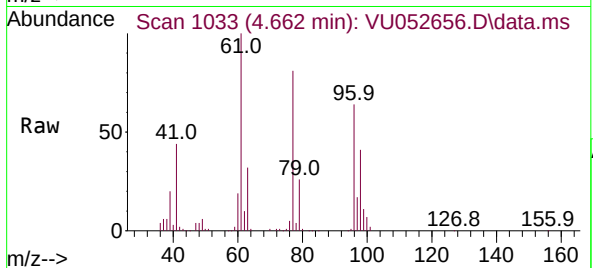
Tgt Ion: 96 Resp: 173458

Ion Ratio Lower Upper

96 100

61 155.5 0.0 271.6

98 64.2 0.0 128.2



#28

Bromochloromethane

Concen: 48.996 ug/l

RT: 4.970 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

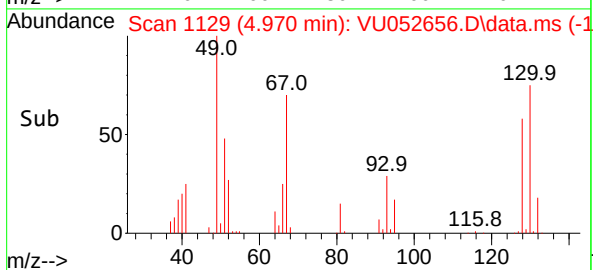
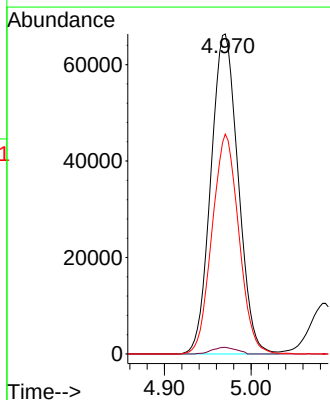
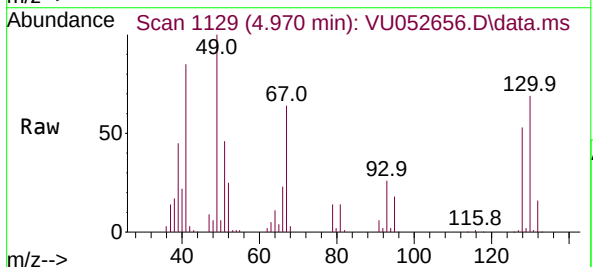
Tgt Ion: 49 Resp: 145481

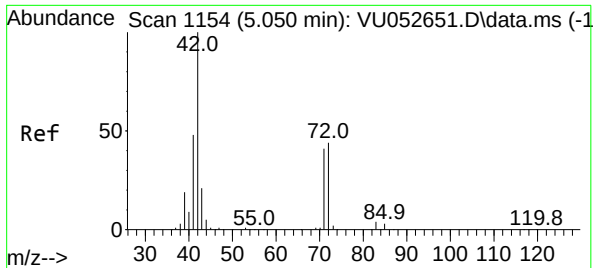
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 67.5 76.9 115.3#





#29

Tetrahydrofuran

Concen: 244.911 ug/l

RT: 5.054 min Scan# 1154

Delta R.T. 0.004 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

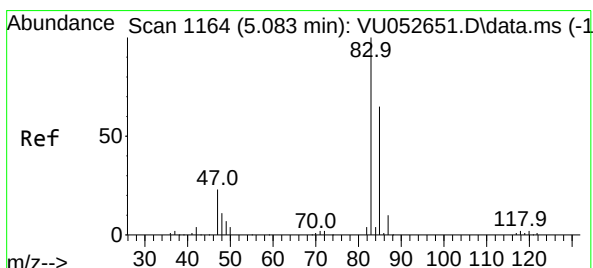
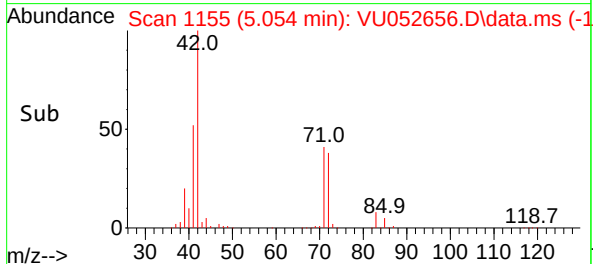
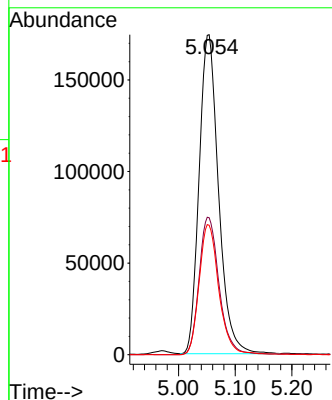
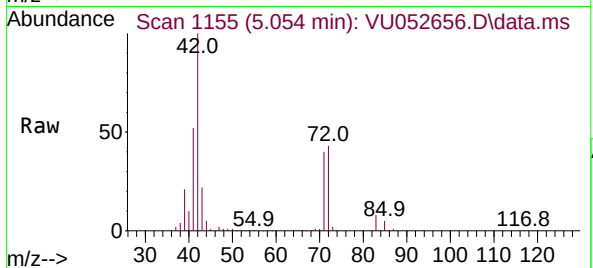
Tgt Ion: 42 Resp: 414708

Ion Ratio Lower Upper

42 100

72 44.4 42.6 63.8

71 41.3 40.3 60.5



#30

Chloroform

Concen: 44.987 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU052656.D

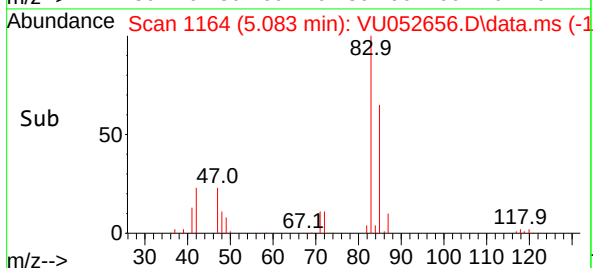
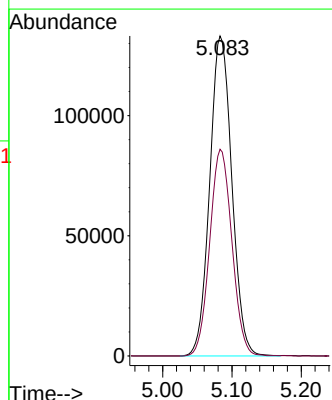
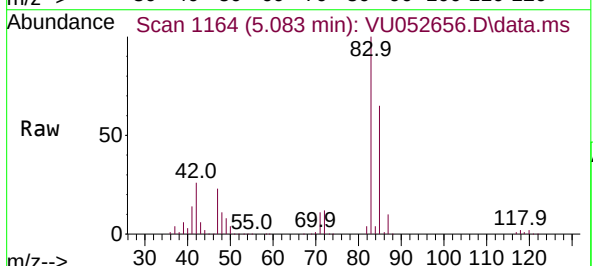
Acq: 12 Jan 2023 09:45

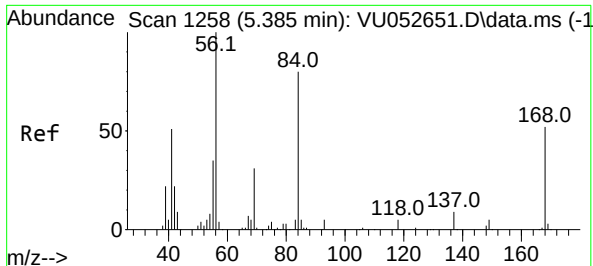
Tgt Ion: 83 Resp: 295437

Ion Ratio Lower Upper

83 100

85 64.6 51.2 76.8

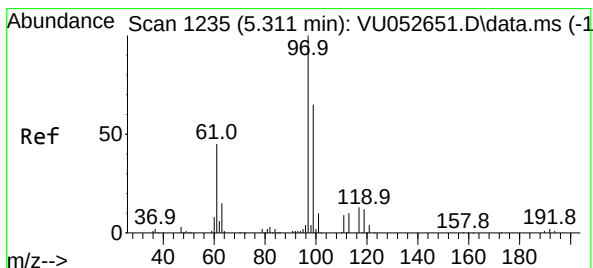
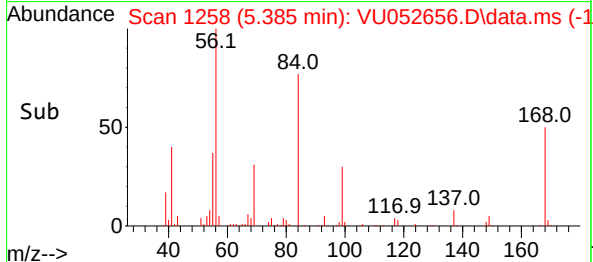
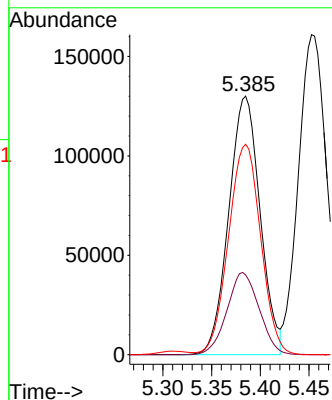
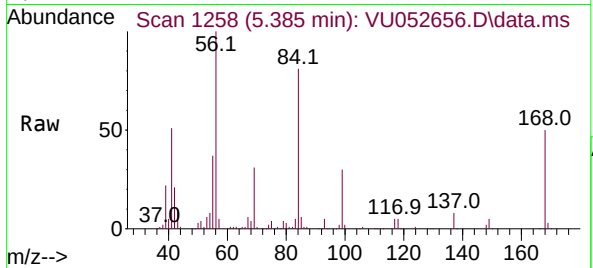




#31
Cyclohexane
Concen: 47.622 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

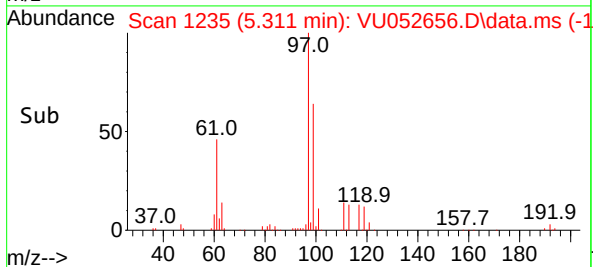
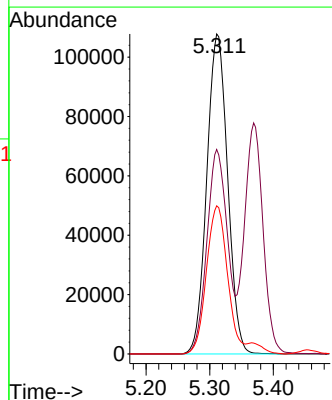
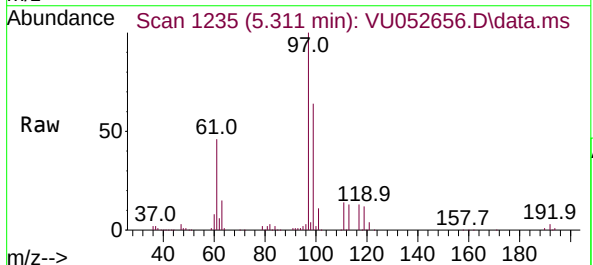
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

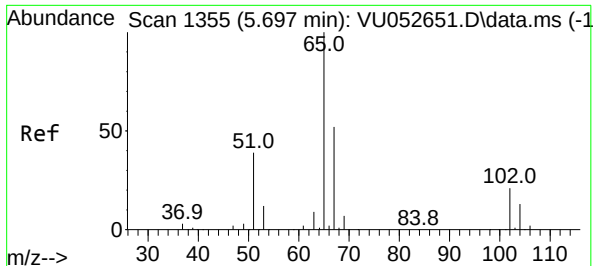
Tgt Ion: 56 Resp: 291294
Ion Ratio Lower Upper
56 100
69 30.8 27.8 41.8
84 80.1 74.2 111.4



#32
1,1,1-Trichloroethane
Concen: 47.720 ug/l
RT: 5.311 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion: 97 Resp: 245341
Ion Ratio Lower Upper
97 100
99 62.8 51.8 77.6
61 46.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.169 ug/l

RT: 5.697 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

Instrument :

MSVOA_U

ClientSampleId :

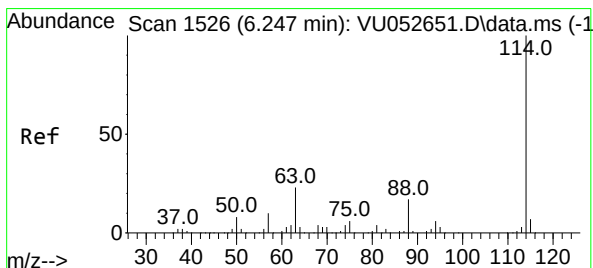
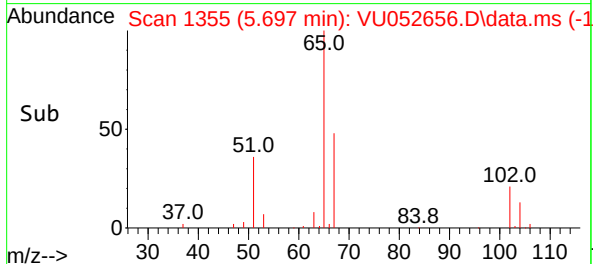
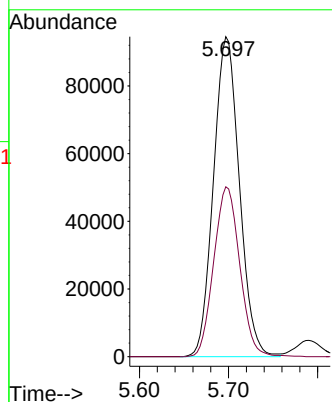
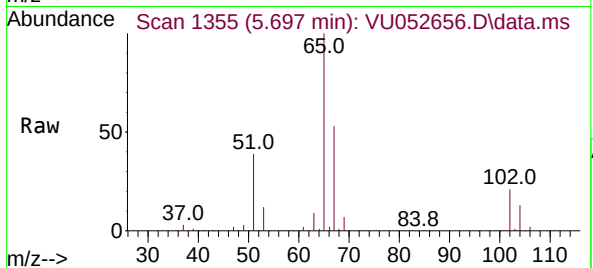
VSTDCCC050

Tgt Ion: 65 Resp: 190998

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.000 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

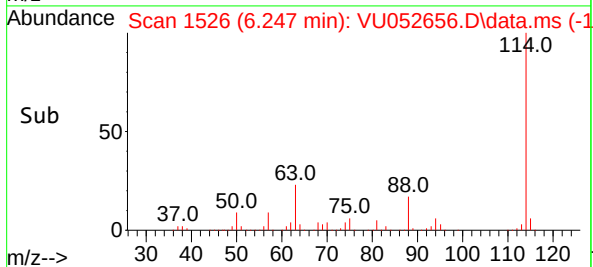
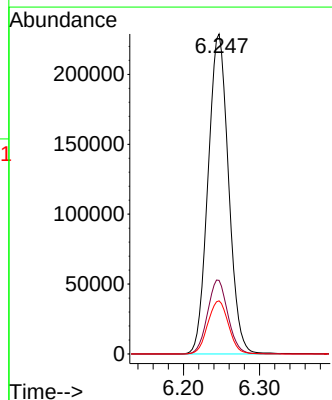
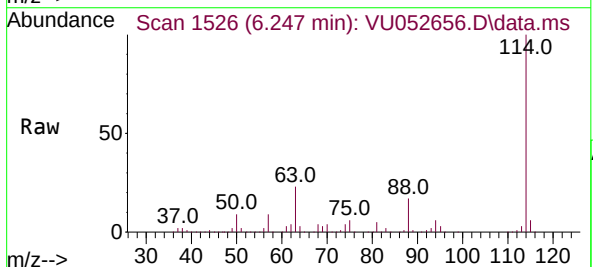
Tgt Ion: 114 Resp: 427988

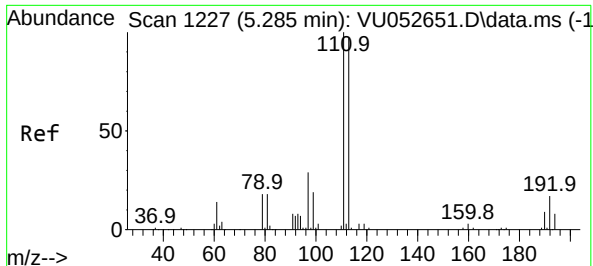
Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.8

88 16.6 0.0 29.2





#35

Dibromofluoromethane

Concen: 48.296 ug/l

RT: 5.285 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

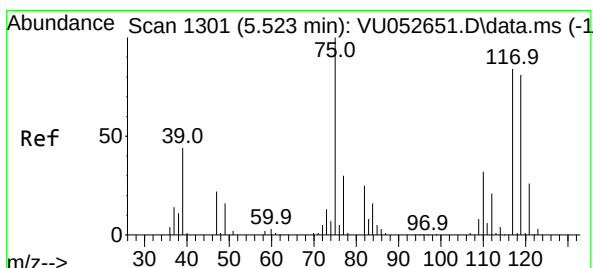
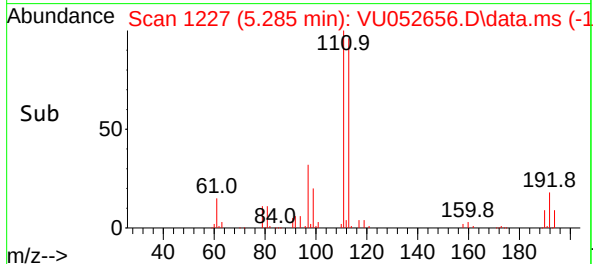
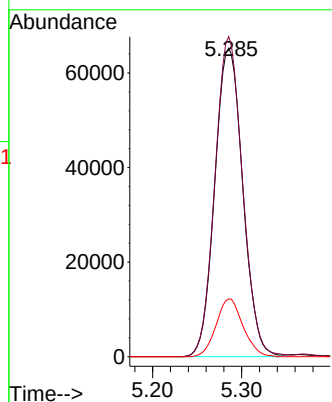
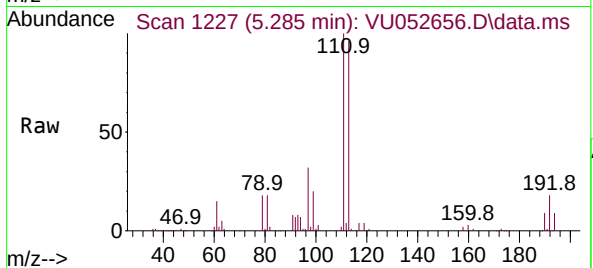
Tgt Ion:113 Resp: 142375

Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

192 18.0 18.0 27.0



#36

1,1-Dichloropropene

Concen: 48.843 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. -0.003 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

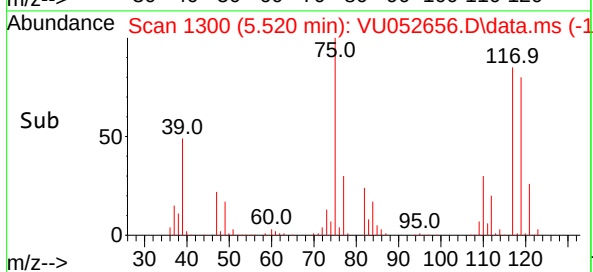
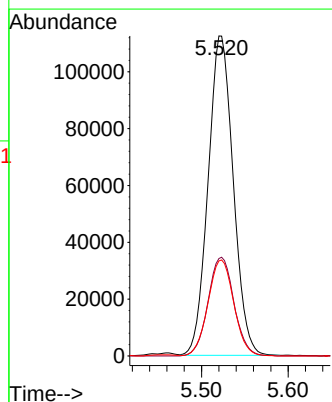
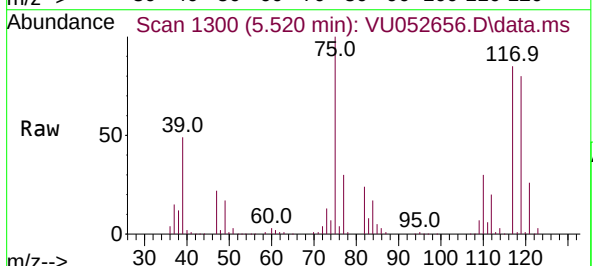
Tgt Ion: 75 Resp: 226586

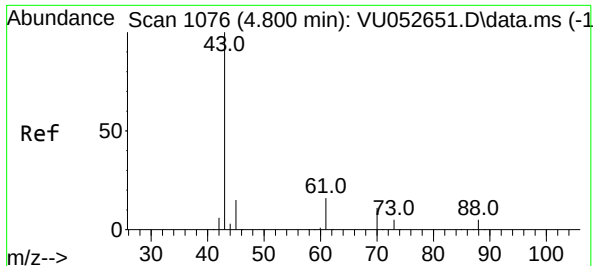
Ion Ratio Lower Upper

75 100

110 31.9 18.4 55.2

77 30.9 25.1 37.7





#37

Ethyl Acetate

Concen: 44.388 ug/l

RT: 4.800 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

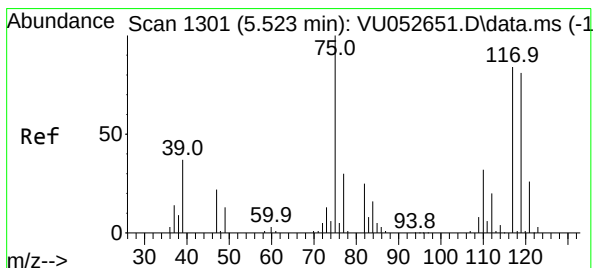
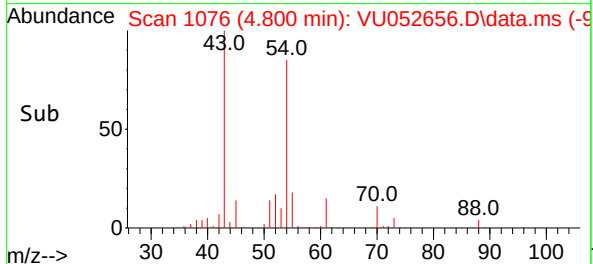
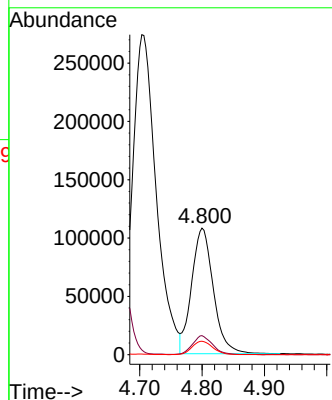
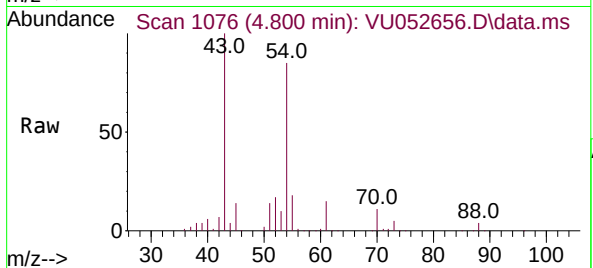
Tgt Ion: 43 Resp: 260946

Ion Ratio Lower Upper

43 100

61 13.7 9.5 14.3

70 10.3 7.5 11.3



#38

Carbon Tetrachloride

Concen: 48.523 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. -0.003 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

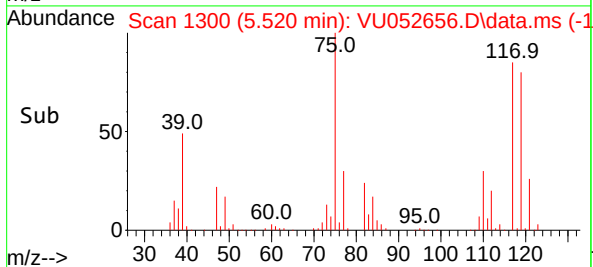
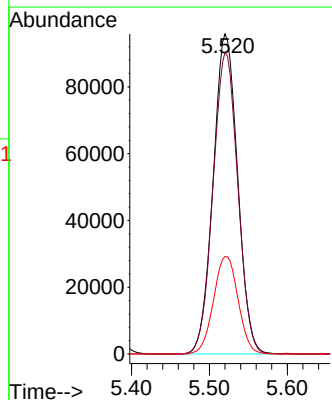
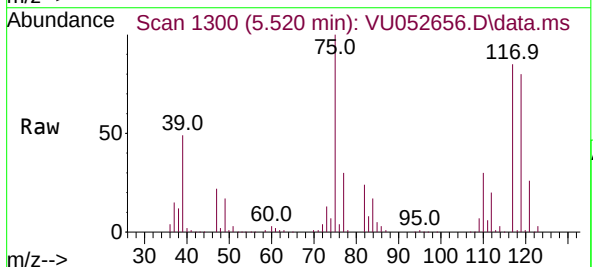
Tgt Ion: 117 Resp: 208758

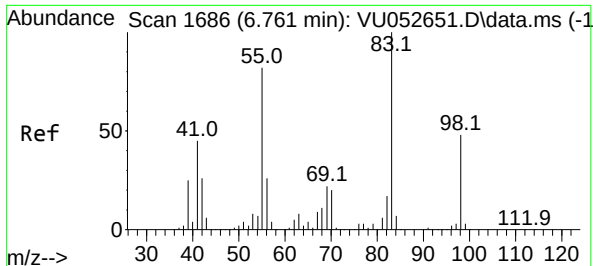
Ion Ratio Lower Upper

117 100

119 94.2 76.8 115.2

121 30.5 24.7 37.1





#39

Methylcyclohexane

Concen: 50.755 ug/l

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

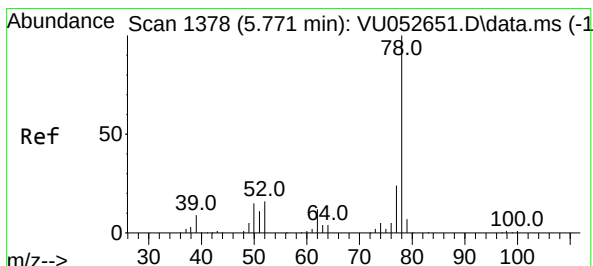
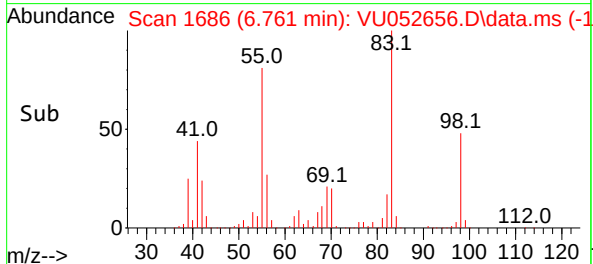
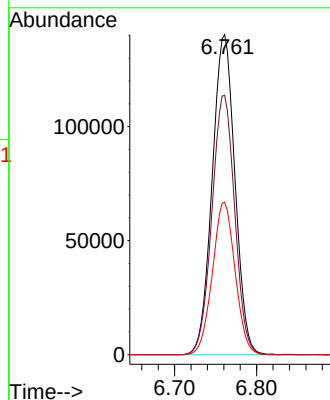
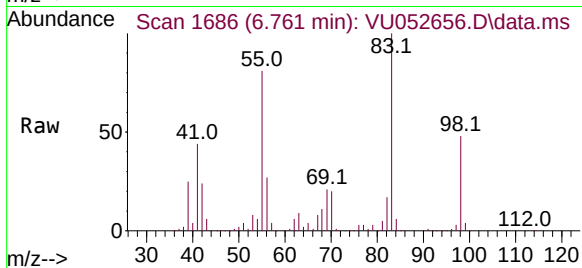
Tgt Ion: 83 Resp: 270878

Ion Ratio Lower Upper

83 100

55 81.1 55.3 82.9

98 47.6 37.3 55.9



#40

Benzene

Concen: 48.879 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VU052656.D

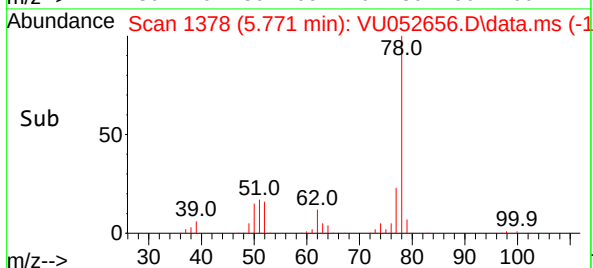
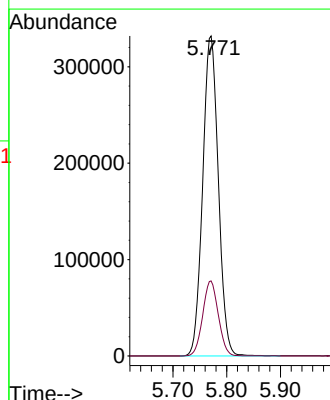
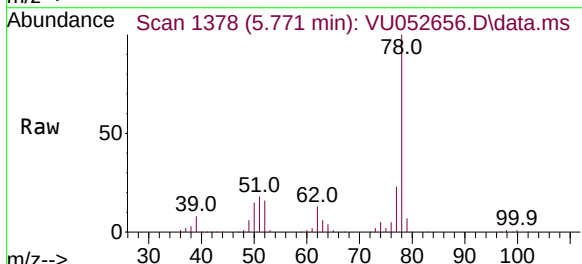
Acq: 12 Jan 2023 09:45

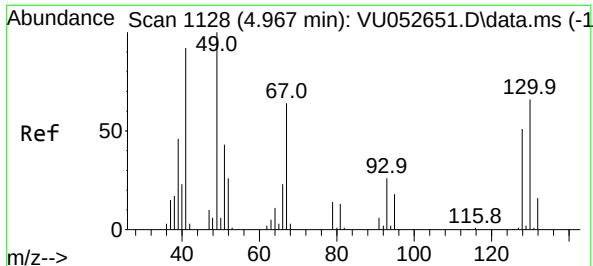
Tgt Ion: 78 Resp: 670114

Ion Ratio Lower Upper

78 100

77 23.4 18.8 28.2

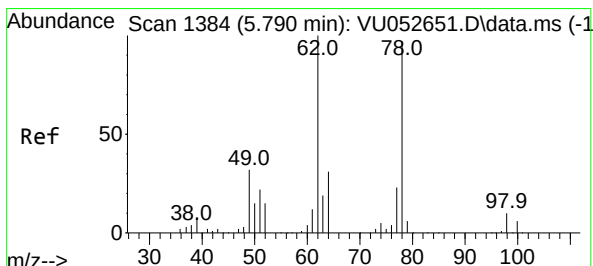
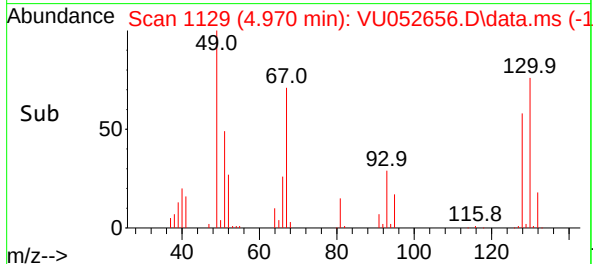
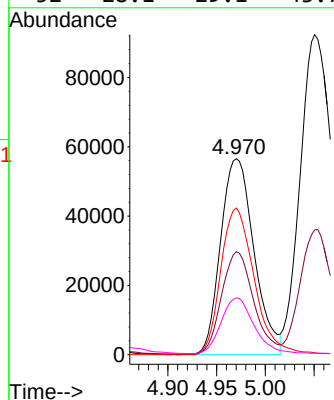
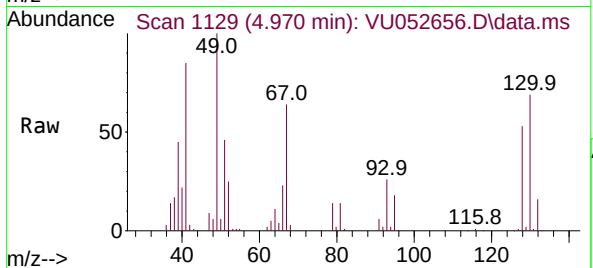




#41
Methacrylonitrile
Concen: 49.064 ug/l
RT: 4.970 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

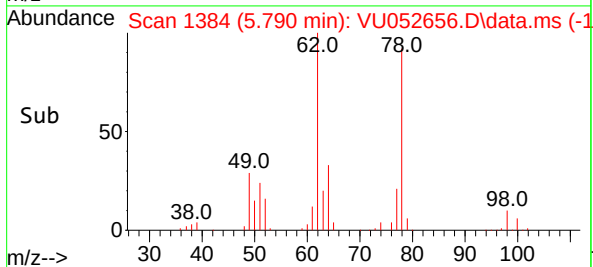
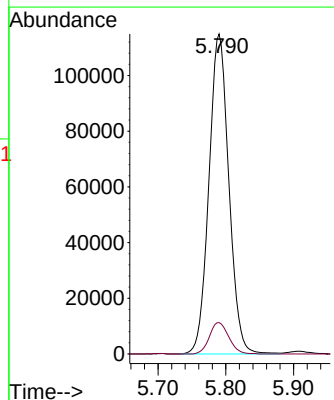
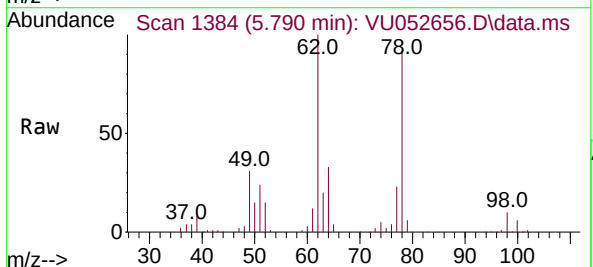
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

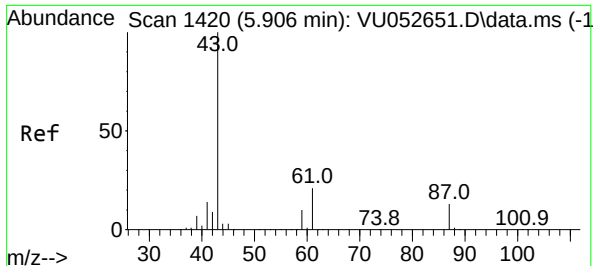
Tgt Ion: 41 Resp: 135343
Ion Ratio Lower Upper
41 100
39 50.0 43.1 64.7
67 75.2 72.3 108.5
52 28.1 29.1 43.7#



#42
1,2-Dichloroethane
Concen: 47.594 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion: 62 Resp: 234634
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.6

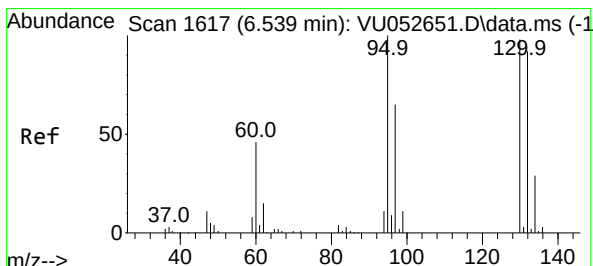
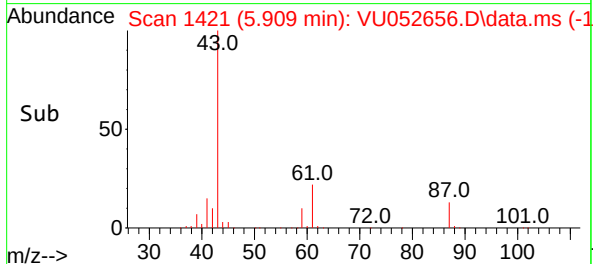
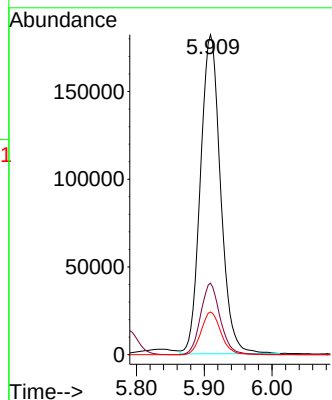
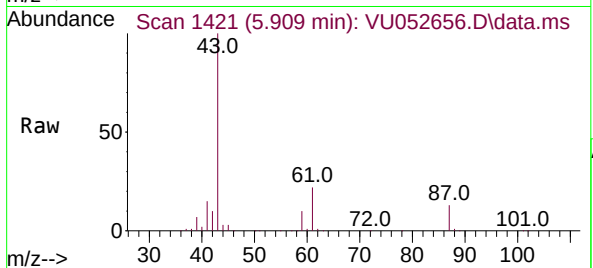




#43
Isopropyl Acetate
Concen: 48.555 ug/l
RT: 5.909 min Scan# 1420
Delta R.T. 0.003 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

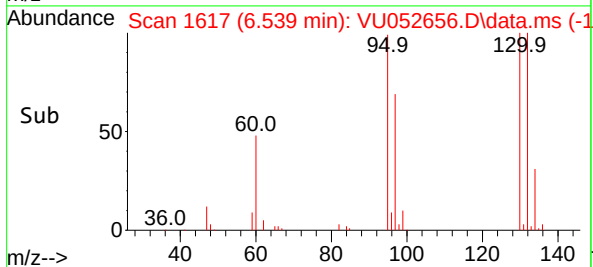
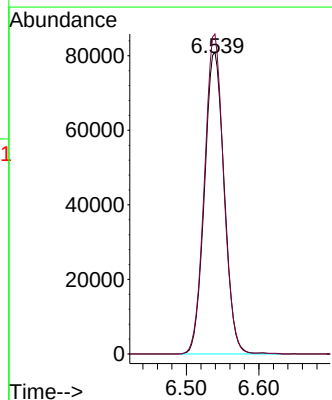
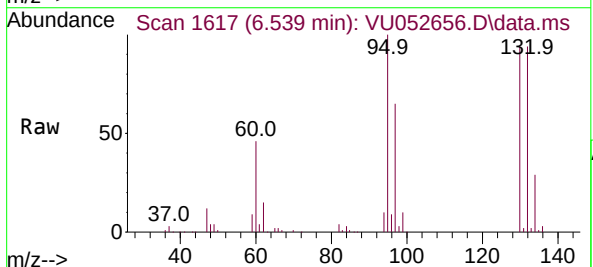
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

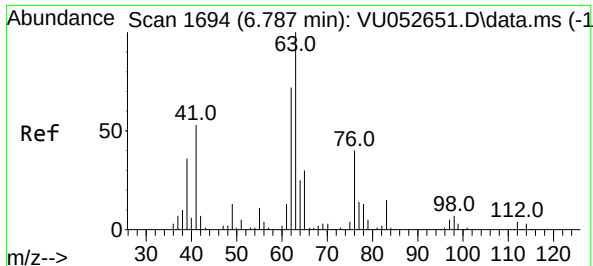
Tgt Ion: 43 Resp: 374607
Ion Ratio Lower Upper
43 100
61 21.9 17.4 26.0
87 13.1 12.6 18.8



#44
Trichloroethene
Concen: 47.199 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion:130 Resp: 152921
Ion Ratio Lower Upper
130 100
95 106.0 0.0 184.6





#45

1,2-Dichloropropane

Concen: 48.039 ug/l

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

Instrument :

MSVOA_U

ClientSampleId :

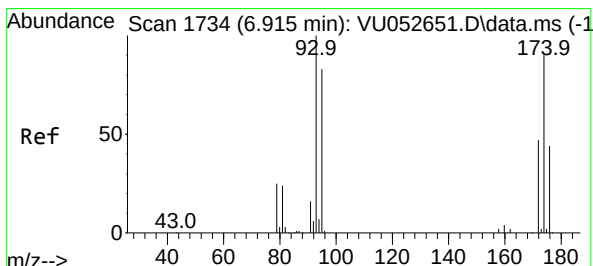
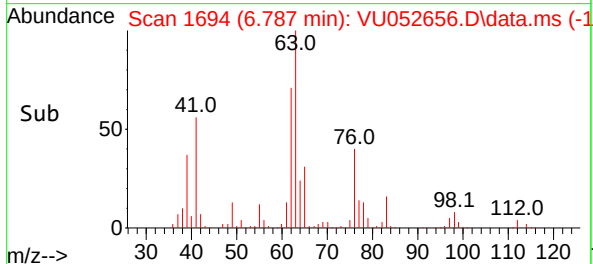
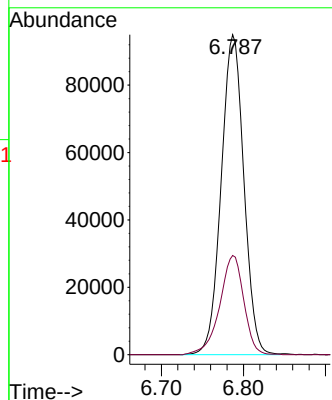
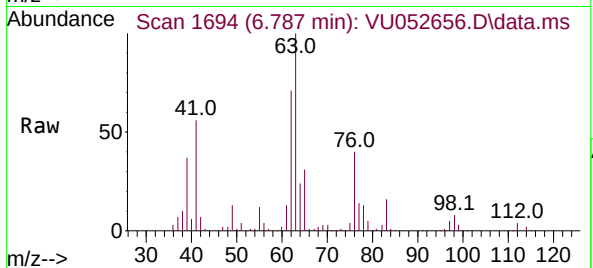
VSTDCCC050

Tgt Ion: 63 Resp: 182377

Ion Ratio Lower Upper

63 100

65 31.0 25.0 37.4



#46

Dibromomethane

Concen: 47.791 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

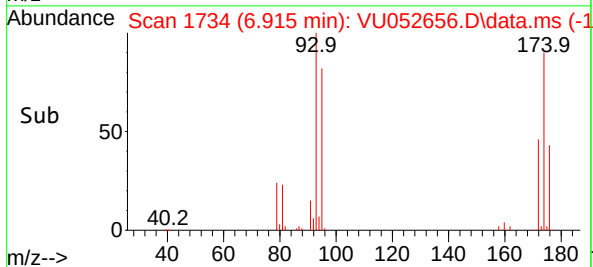
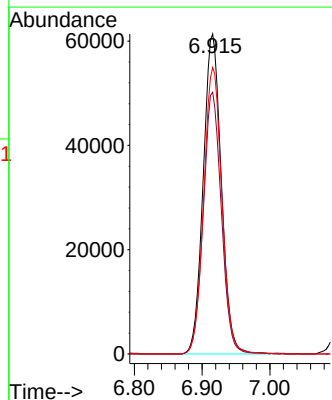
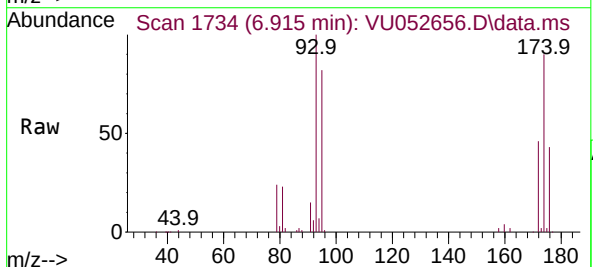
Tgt Ion: 93 Resp: 113860

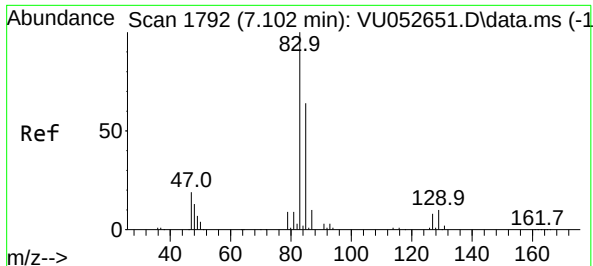
Ion Ratio Lower Upper

93 100

95 81.4 66.3 99.5

174 89.9 88.2 132.4





#47

Bromodichloromethane

Concen: 46.940 ug/l

RT: 7.102 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

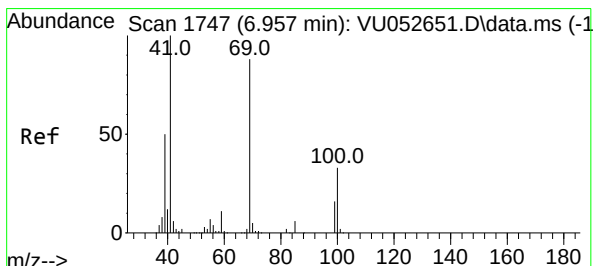
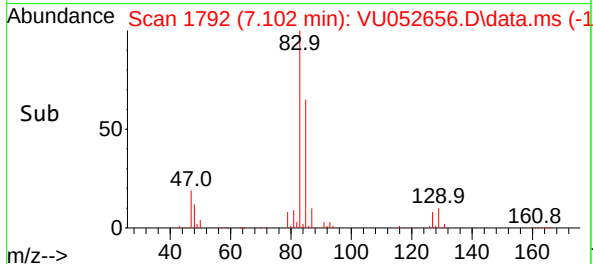
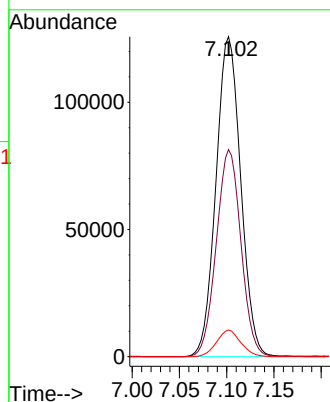
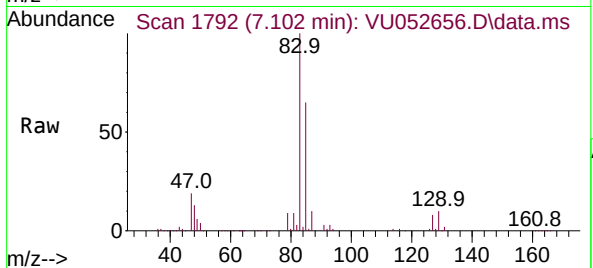
Tgt Ion: 83 Resp: 229347

Ion Ratio Lower Upper

83 100

85 64.7 51.4 77.2

127 8.3 7.1 10.7



#48

Methyl methacrylate

Concen: 50.140 ug/l

RT: 6.957 min Scan# 1747

Delta R.T. 0.000 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

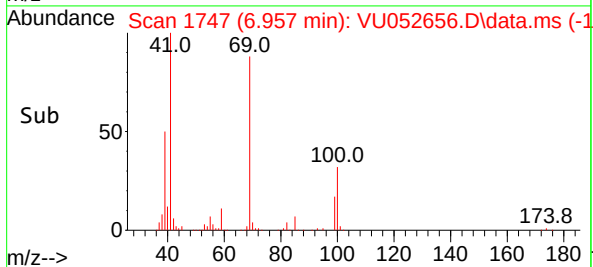
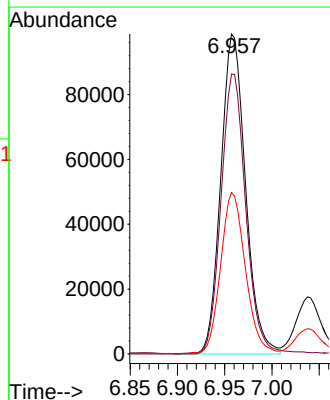
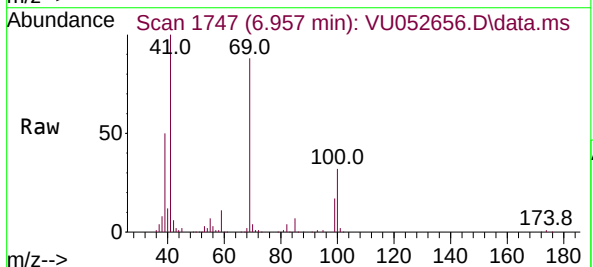
Tgt Ion: 41 Resp: 179716

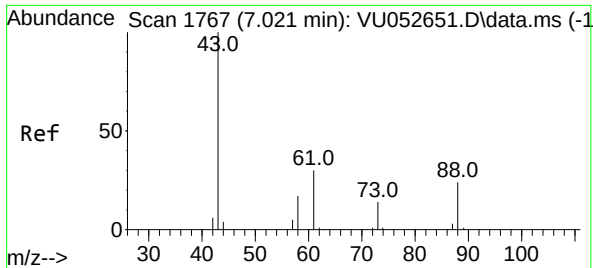
Ion Ratio Lower Upper

41 100

69 88.0 79.8 119.6

39 50.2 47.9 71.9





#49

1,4-Dioxane

Concen: 1027.999 ug/l

RT: 7.031 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

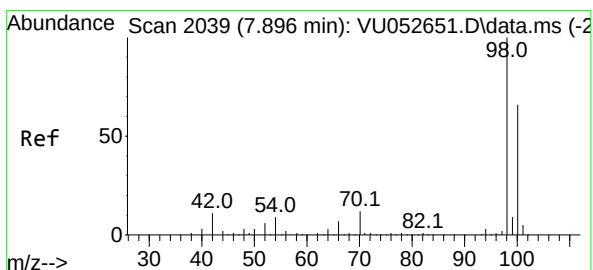
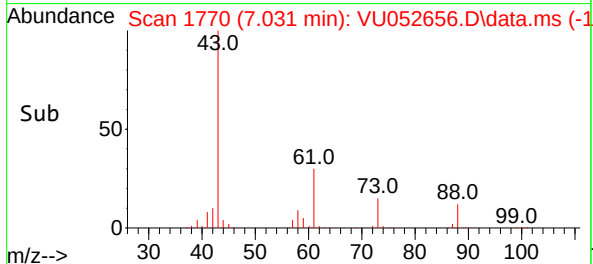
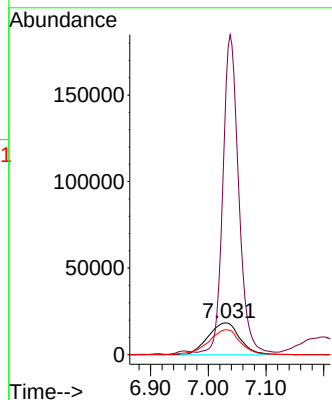
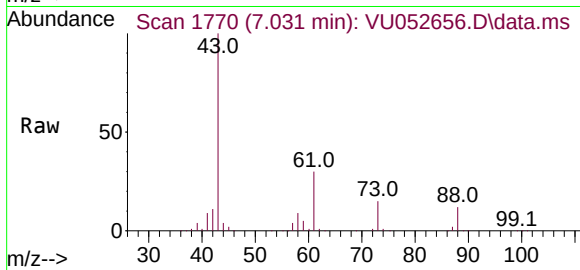
Tgt Ion: 88 Resp: 69979

Ion Ratio Lower Upper

88 100

43 493.2 0.0 0.0#

58 79.1 15.4 23.0#



#50

Toluene-d8

Concen: 49.514 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VU052656.D

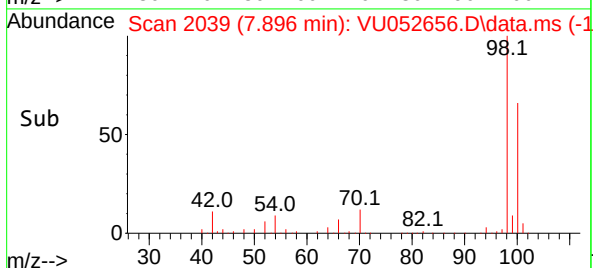
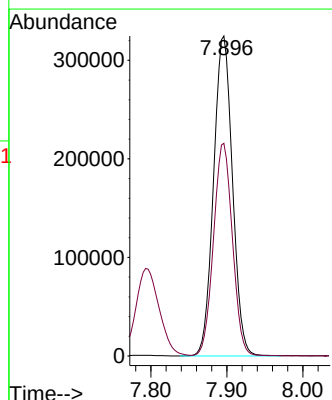
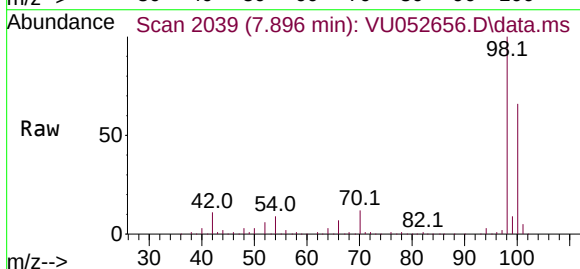
Acq: 12 Jan 2023 09:45

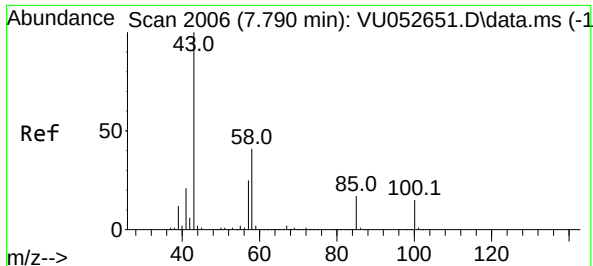
Tgt Ion: 98 Resp: 560387

Ion Ratio Lower Upper

98 100

100 66.2 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 251.358 ug/l

RT: 7.793 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

Instrument :

MSVOA_U

ClientSampleId :

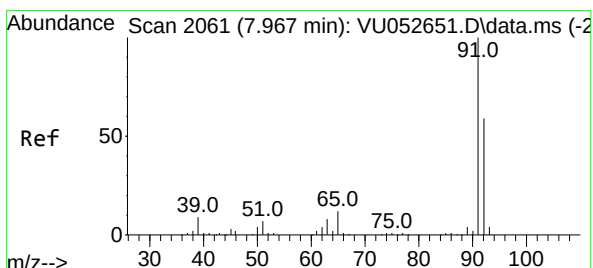
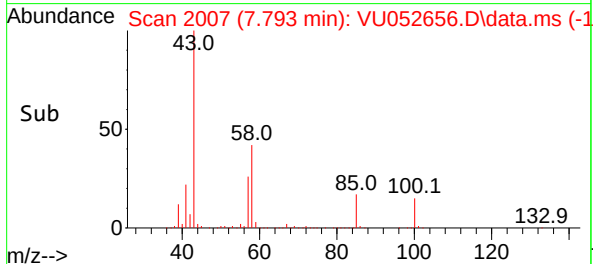
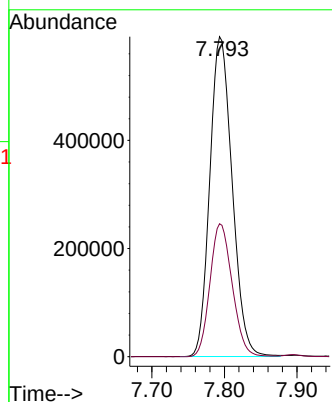
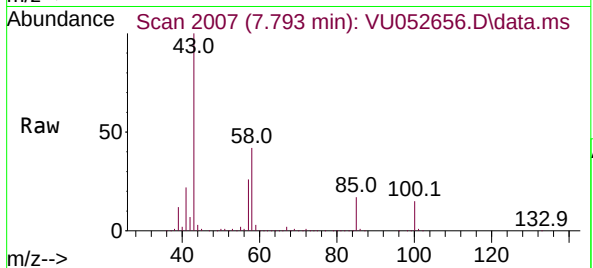
VSTDCCC050

Tgt Ion: 43 Resp: 1267262

Ion Ratio Lower Upper

43 100

58 41.4 34.7 52.1



#52

Toluene

Concen: 50.199 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052656.D

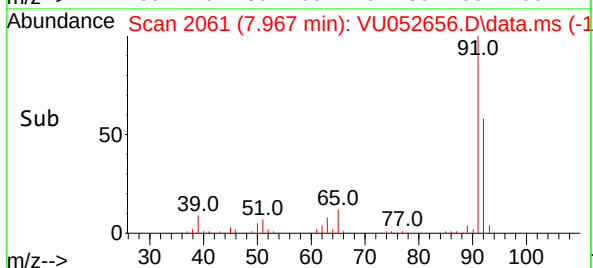
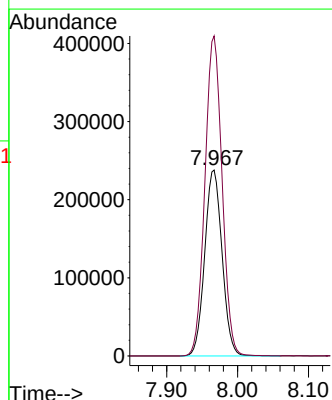
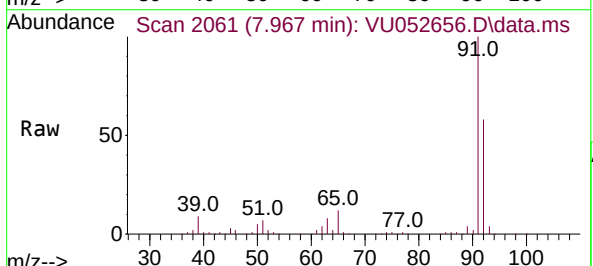
Acq: 12 Jan 2023 09:45

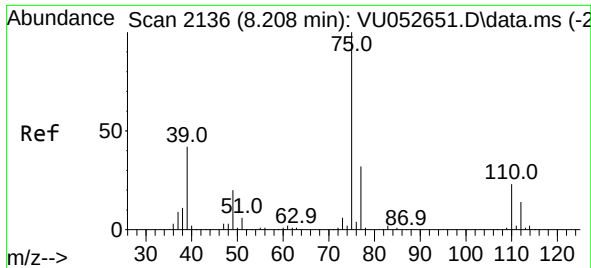
Tgt Ion: 92 Resp: 404740

Ion Ratio Lower Upper

92 100

91 170.1 138.2 207.4

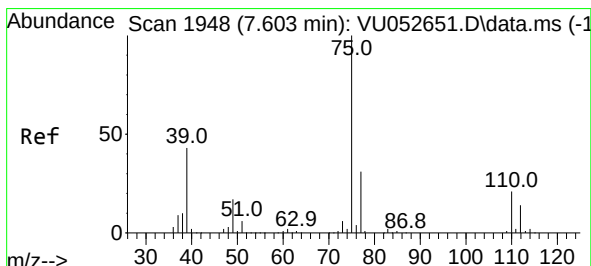
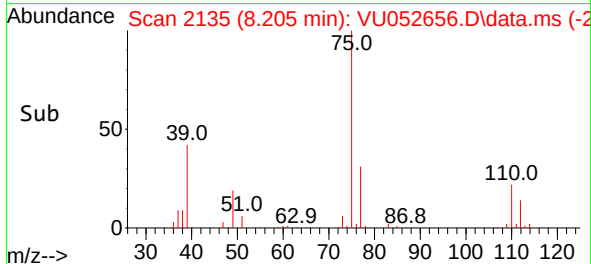
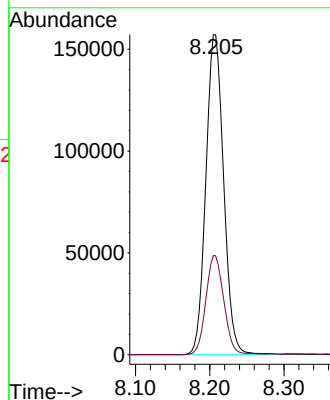
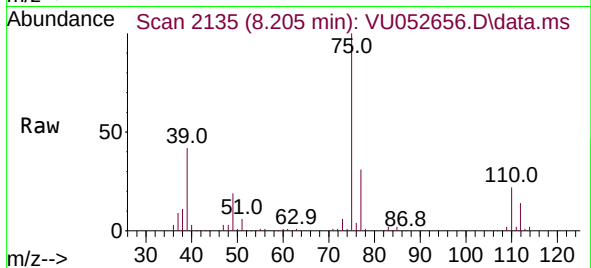




#53
 t-1,3-Dichloropropene
 Concen: 50.684 ug/l
 RT: 8.205 min Scan# 2135
 Delta R.T. -0.003 min
 Lab File: VU052656.D
 Acq: 12 Jan 2023 09:45

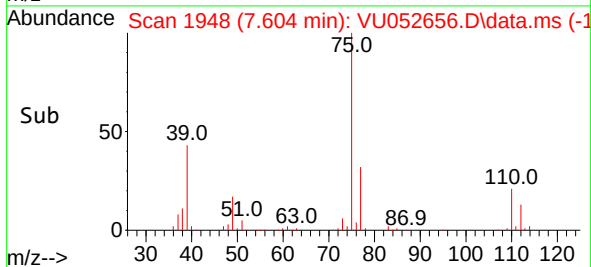
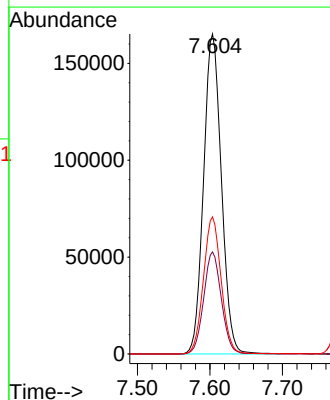
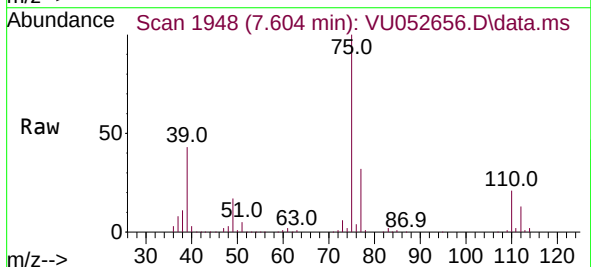
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

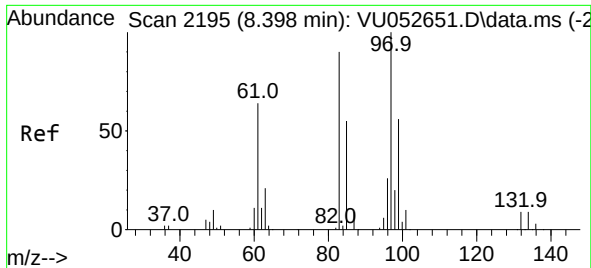
Tgt Ion: 75 Resp: 261355
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 50.218 ug/l
 RT: 7.604 min Scan# 1948
 Delta R.T. 0.001 min
 Lab File: VU052656.D
 Acq: 12 Jan 2023 09:45

Tgt Ion: 75 Resp: 281970
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5
 39 42.9 33.0 49.6

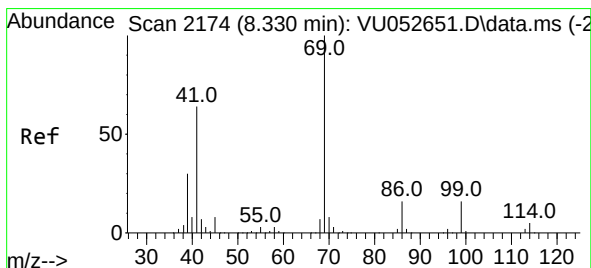
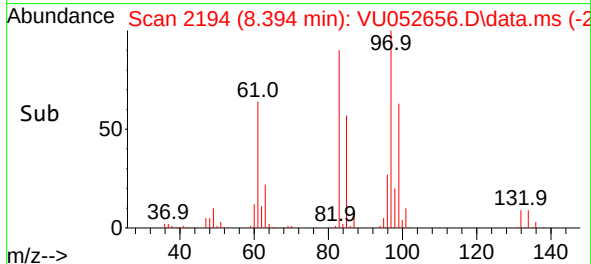
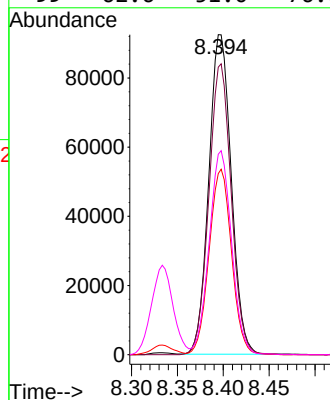
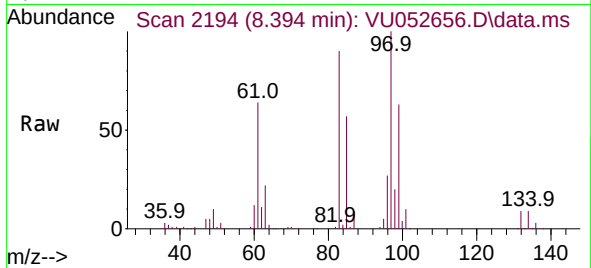




#55
1,1,2-Trichloroethane
Concen: 47.310 ug/l
RT: 8.394 min Scan# 2195
Delta R.T. -0.004 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

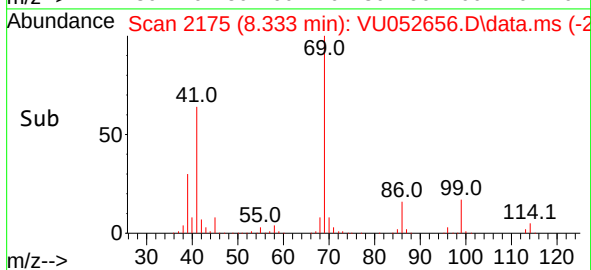
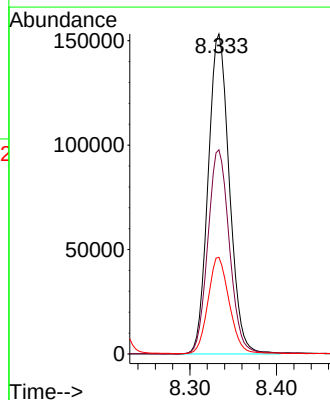
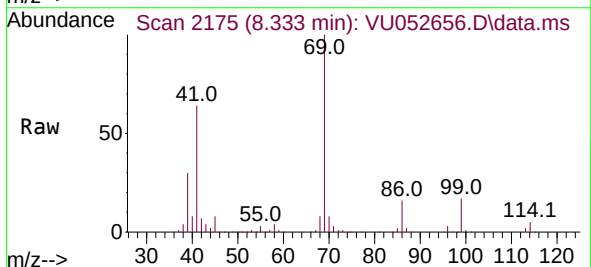
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

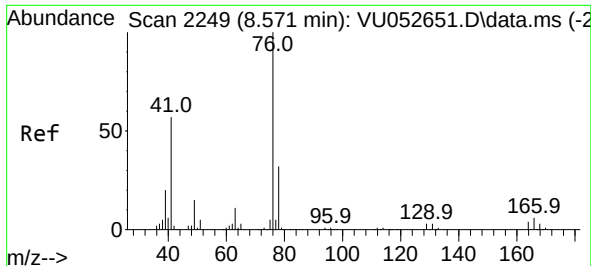
Tgt Ion:	97	Resp:	157385
Ion	Ratio	Lower	Upper
97	100		
83	90.0	70.2	105.4
85	56.7	44.6	66.8
99	62.6	51.0	76.6



#56
Ethyl methacrylate
Concen: 47.155 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.003 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion:	69	Resp:	261037
Ion	Ratio	Lower	Upper
69	100		
41	65.2	45.4	68.0
39	30.3	25.7	38.5





#57

1,3-Dichloropropane

Concen: 48.874 ug/l

RT: 8.571 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

Instrument :

MSVOA_U

ClientSampleId :

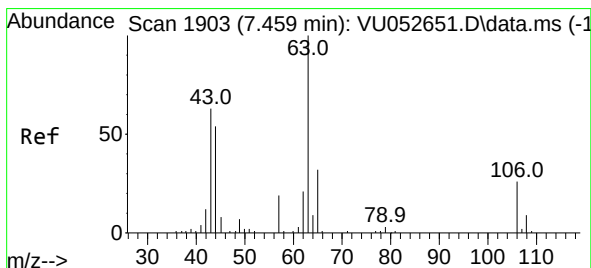
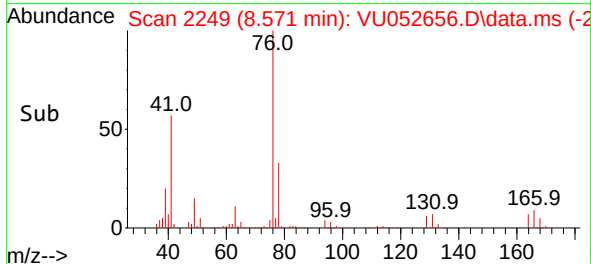
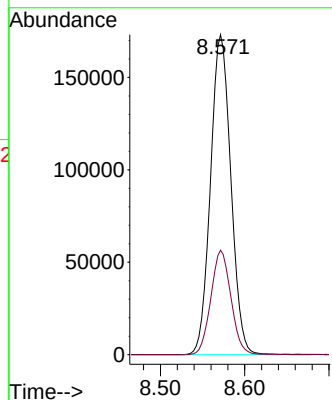
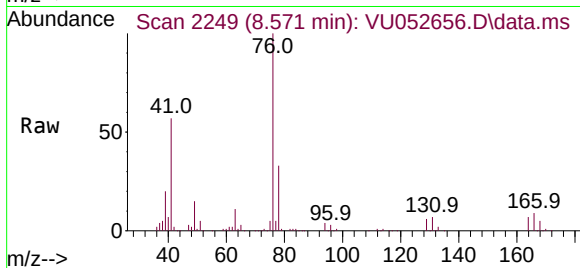
VSTDCCC050

Tgt Ion: 76 Resp: 290376

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 227.640 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VU052656.D

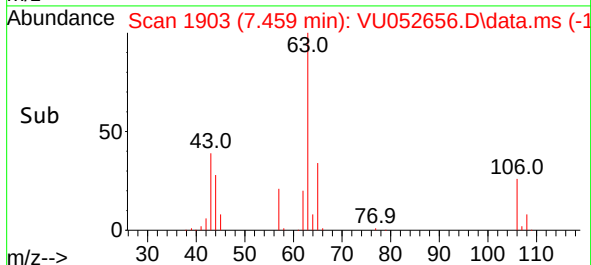
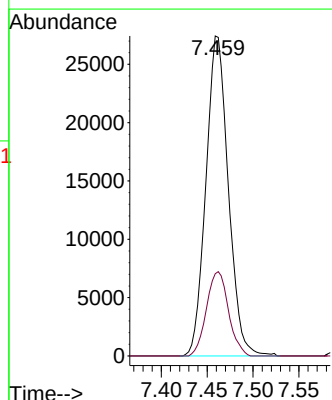
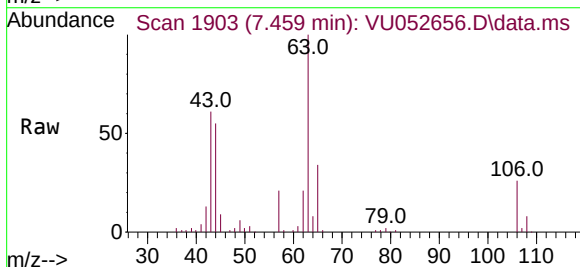
Acq: 12 Jan 2023 09:45

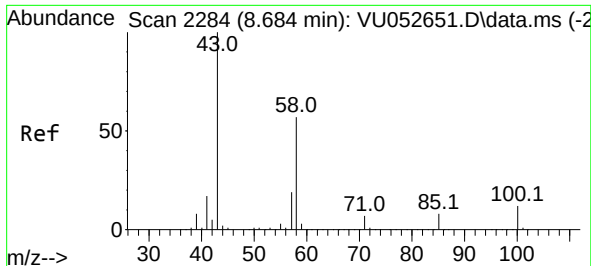
Tgt Ion: 63 Resp: 46648

Ion Ratio Lower Upper

63 100

106 25.8 23.1 34.7

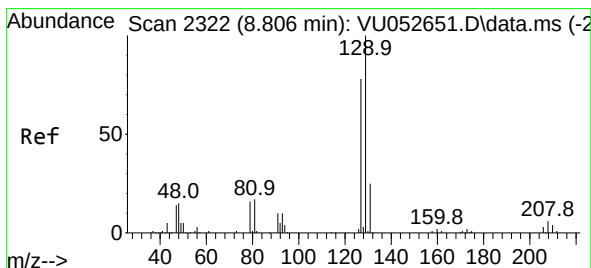
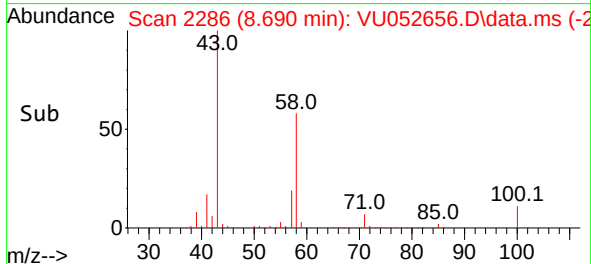
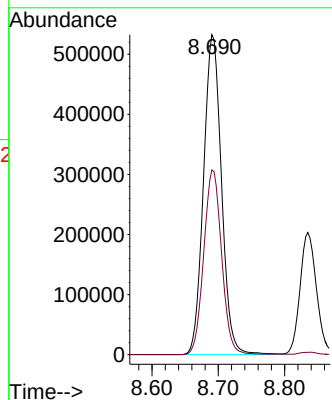
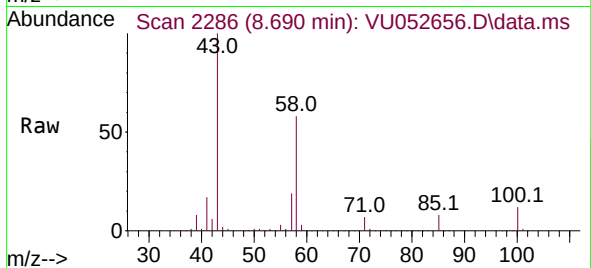




#59
2-Hexanone
Concen: 259.929 ug/l
RT: 8.690 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

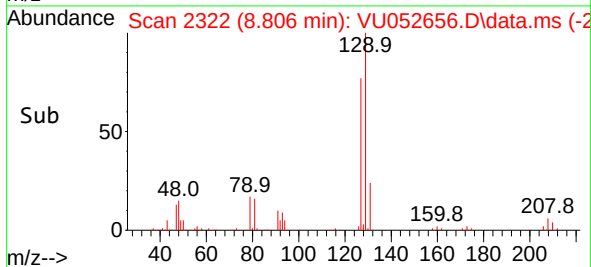
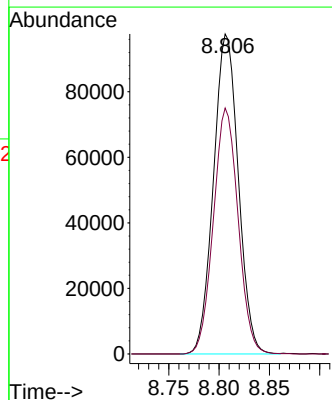
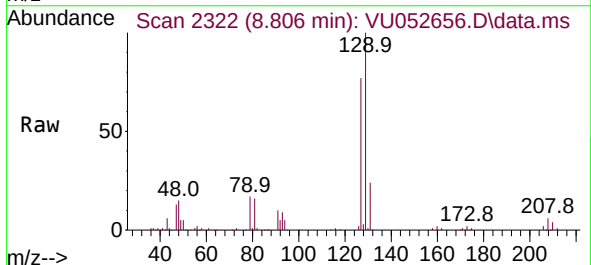
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

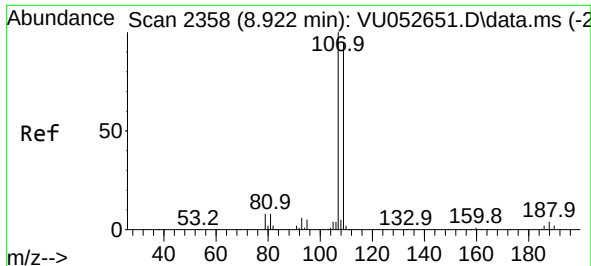
Tgt Ion: 43 Resp: 1001670
Ion Ratio Lower Upper
43 100
58 57.6 30.3 90.8



#60
Dibromochloromethane
Concen: 48.618 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion: 129 Resp: 168005
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0

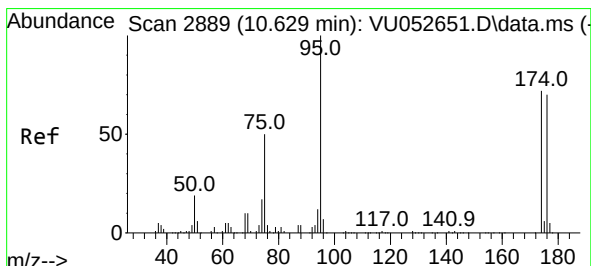
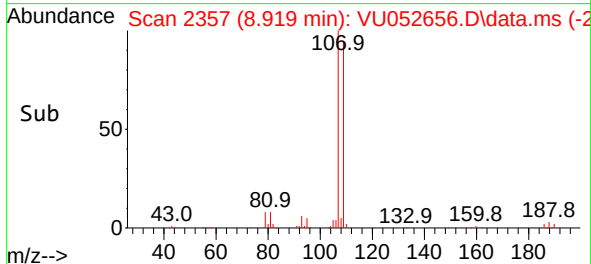
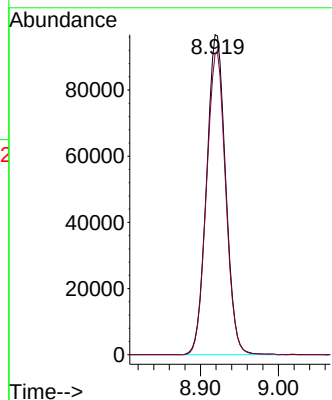
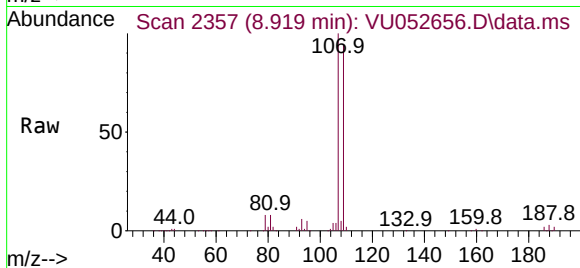




#61
1,2-Dibromoethane
Concen: 48.834 ug/l
RT: 8.919 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

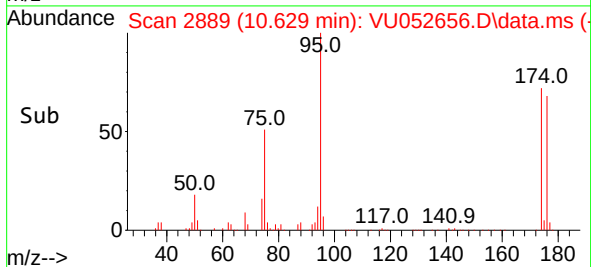
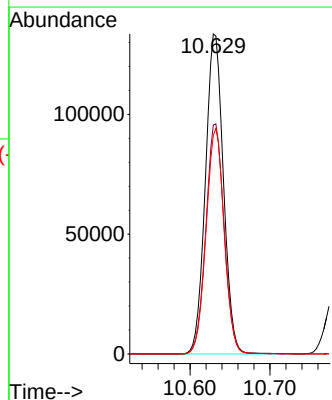
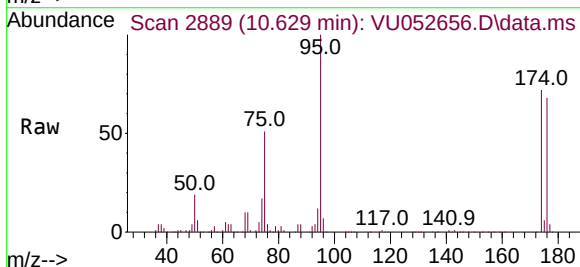
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

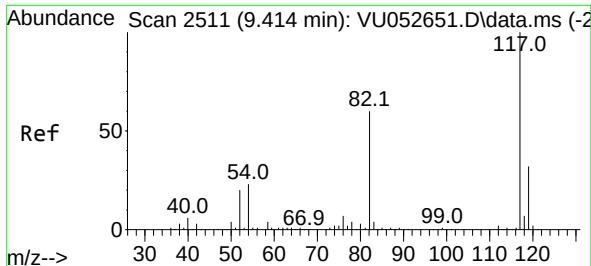
Tgt Ion:107 Resp: 164681
Ion Ratio Lower Upper
107 100
109 95.1 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 51.113 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion: 95 Resp: 209647
Ion Ratio Lower Upper
95 100
174 72.7 0.0 182.0
176 70.5 0.0 177.8

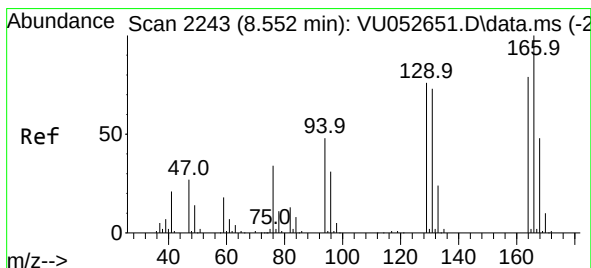
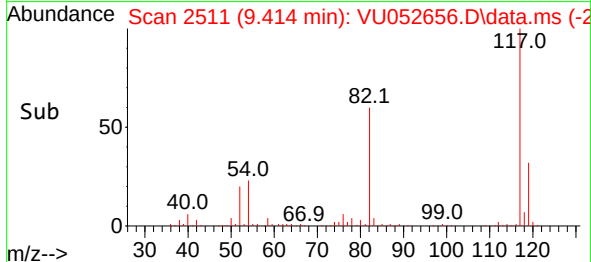
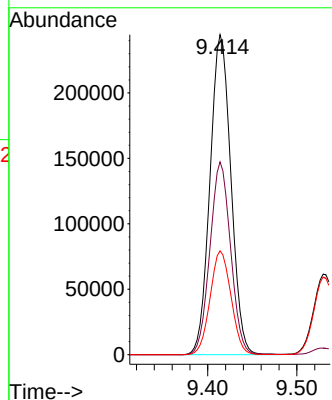
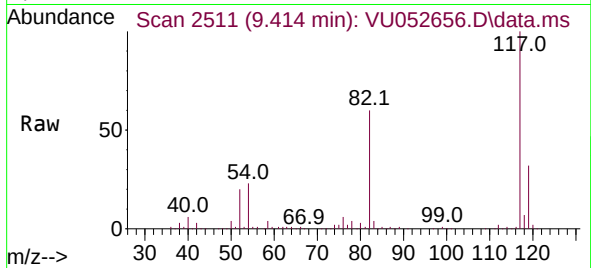




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

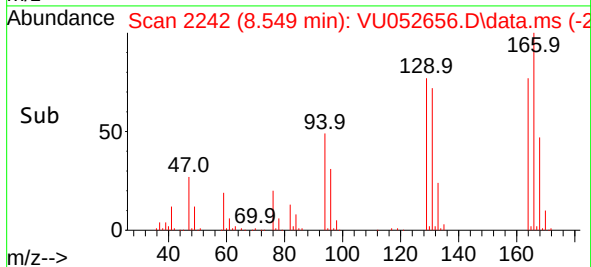
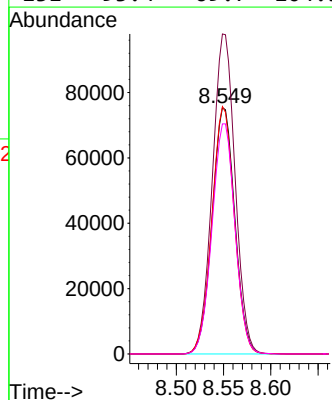
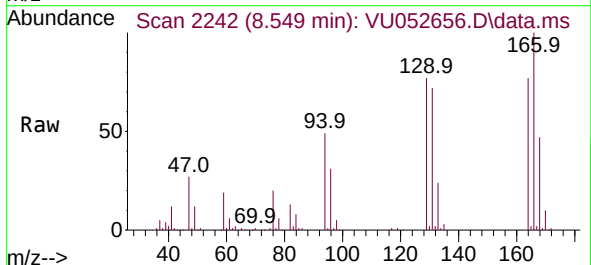
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

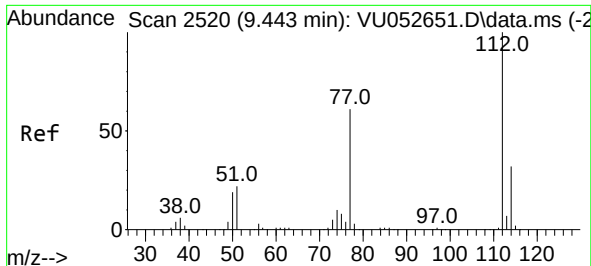
Tgt Ion:117 Resp: 398724
Ion Ratio Lower Upper
117 100
82 60.2 41.7 62.5
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 48.691 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion:164 Resp: 125977
Ion Ratio Lower Upper
164 100
166 129.9 100.0 150.0
129 100.4 72.0 108.0
131 93.4 69.7 104.5

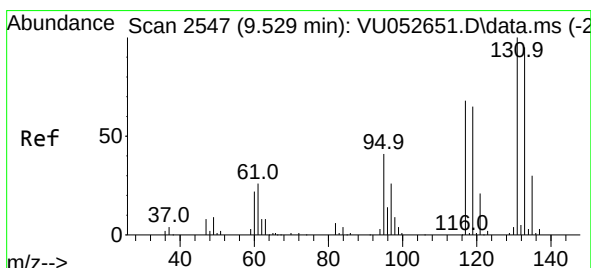
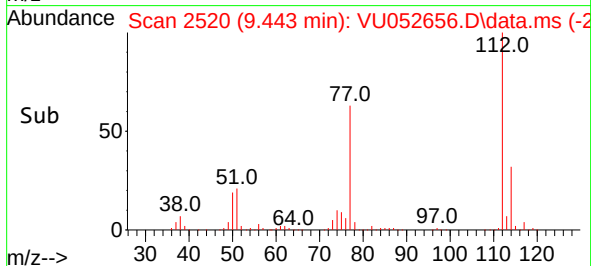
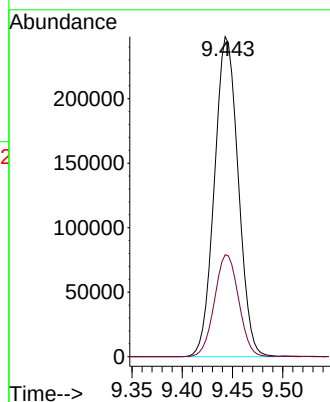
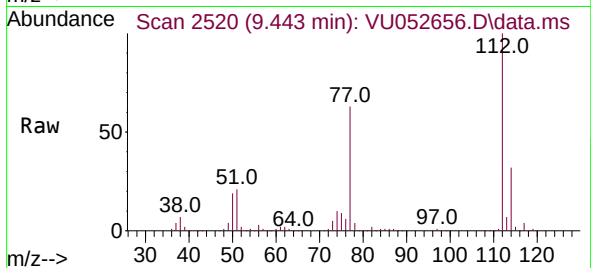




#65
Chlorobenzene
Concen: 48.155 ug/l
RT: 9.443 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

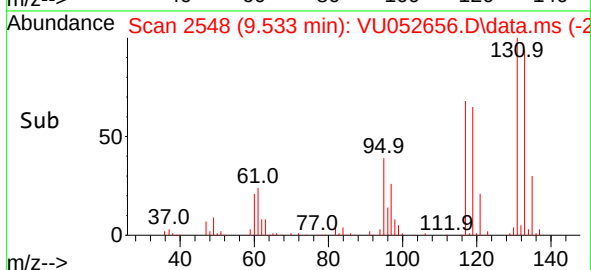
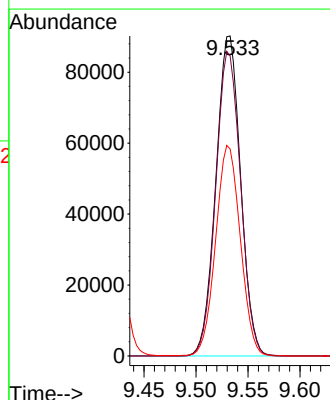
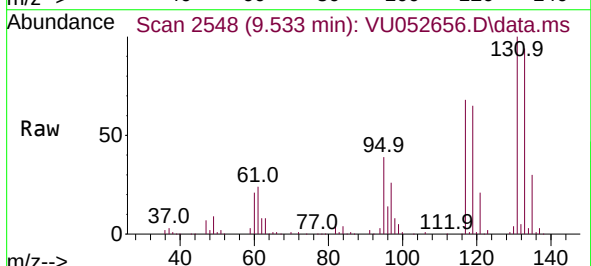
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

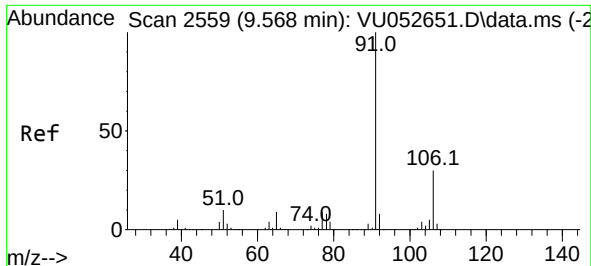
Tgt Ion:112 Resp: 409081
Ion Ratio Lower Upper
112 100
114 31.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.793 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.004 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion:131 Resp: 149800
Ion Ratio Lower Upper
131 100
133 95.4 48.4 145.0
119 65.6 33.9 101.6





#67

Ethyl Benzene

Concen: 51.569 ug/l

RT: 9.568 min Scan# 2559

Delta R.T. 0.000 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

Instrument :

MSVOA_U

ClientSampleId :

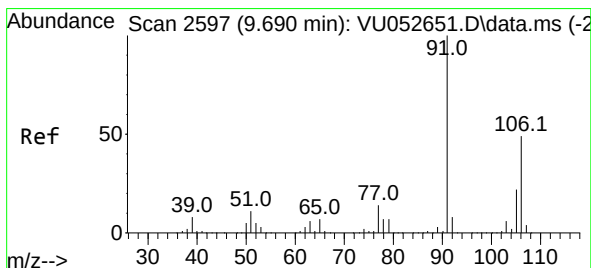
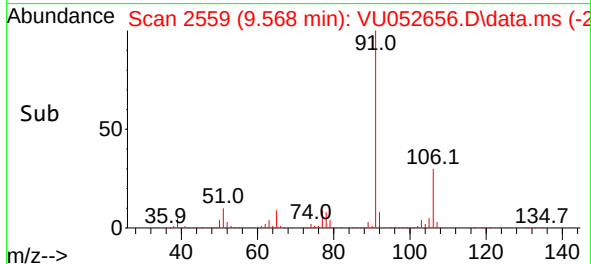
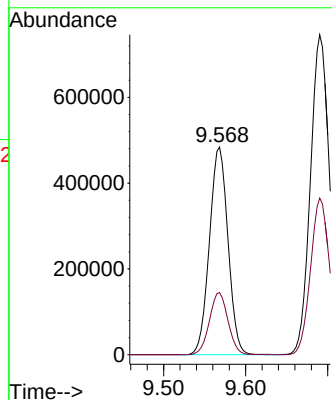
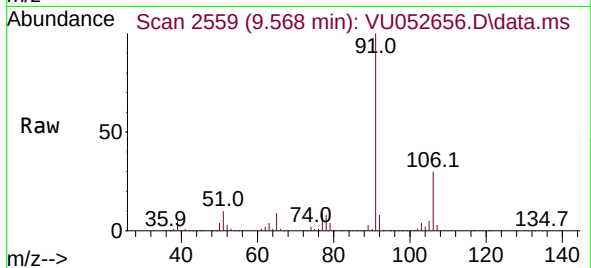
VSTDCCC050

Tgt Ion: 91 Resp: 759599

Ion Ratio Lower Upper

91 100

106 29.9 25.6 38.4



#68

m/p-Xylenes

Concen: 106.628 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU052656.D

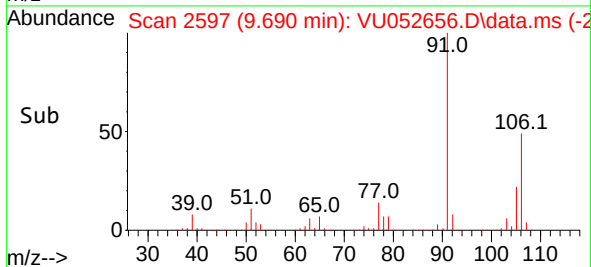
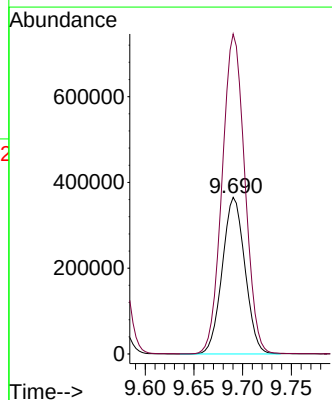
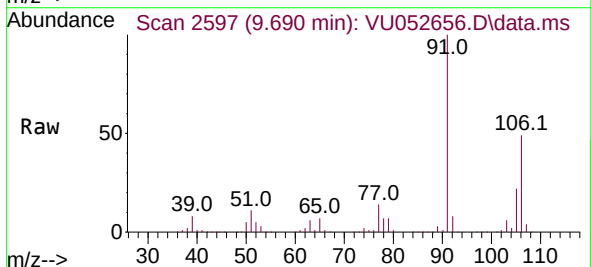
Acq: 12 Jan 2023 09:45

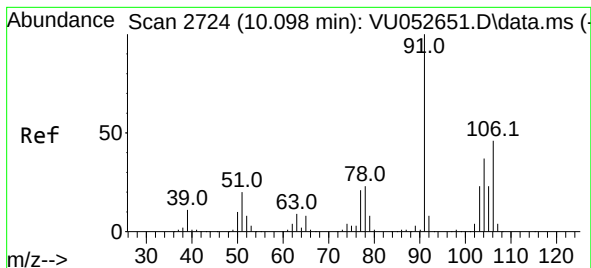
Tgt Ion:106 Resp: 591562

Ion Ratio Lower Upper

106 100

91 204.5 157.2 235.8





#69

o-Xylene

Concen: 53.913 ug/l

RT: 10.099 min Scan# 21

Delta R.T. 0.001 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

Instrument :

MSVOA_U

ClientSampleId :

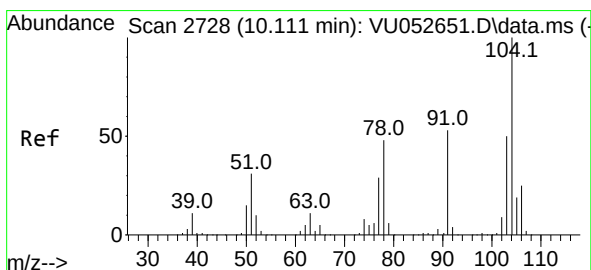
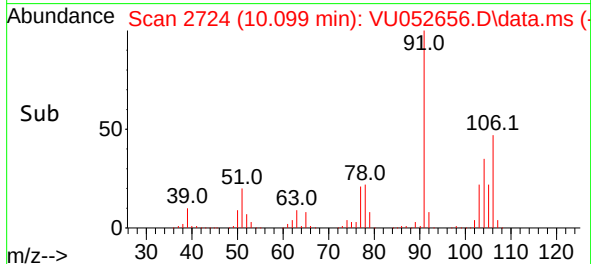
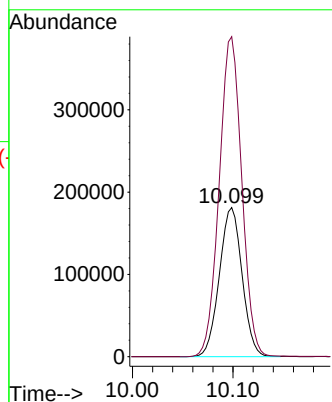
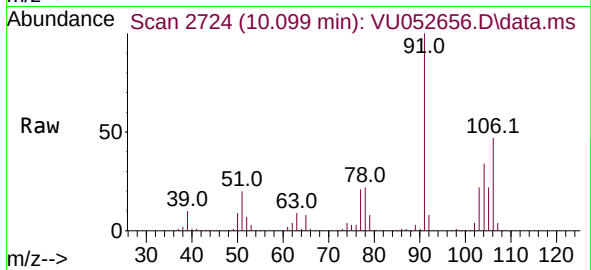
VSTDCCC050

Tgt Ion:106 Resp: 284715

Ion Ratio Lower Upper

106 100

91 213.8 103.5 310.5



#70

Styrene

Concen: 48.981 ug/l

RT: 10.111 min Scan# 2728

Delta R.T. 0.000 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

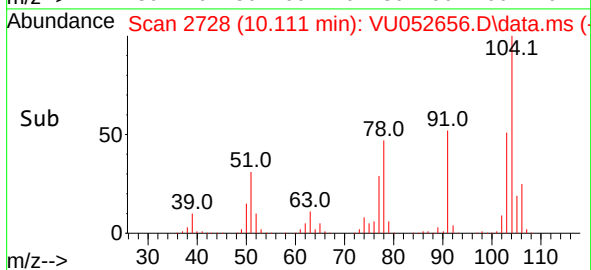
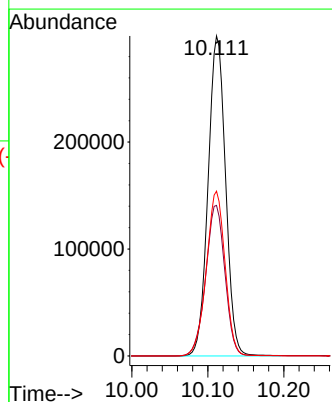
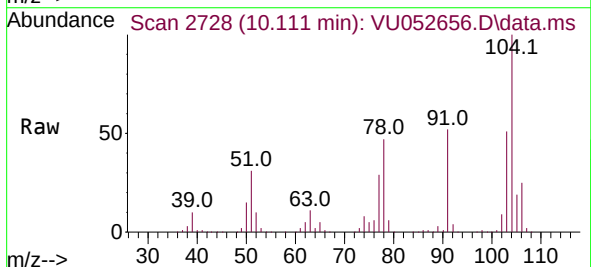
Tgt Ion:104 Resp: 479264

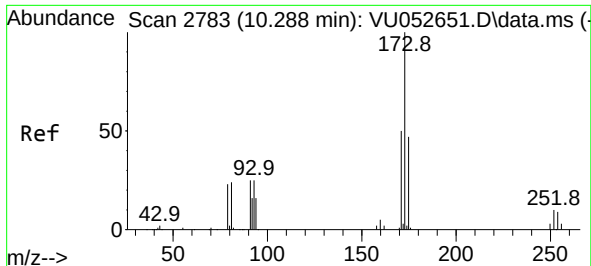
Ion Ratio Lower Upper

104 100

78 51.6 38.0 57.0

103 55.1 43.9 65.9

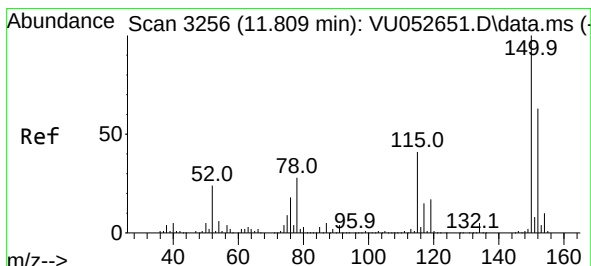
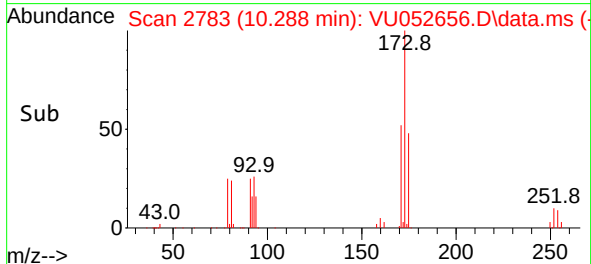
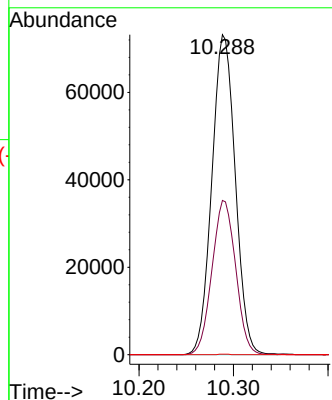
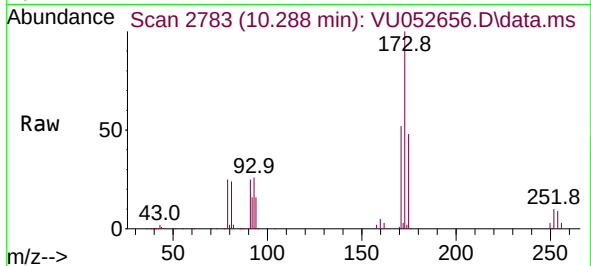




#71
Bromoform
Concen: 48.943 ug/l
RT: 10.288 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

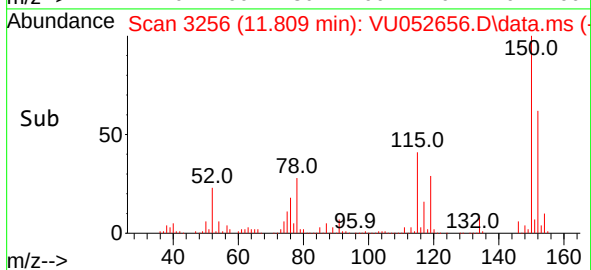
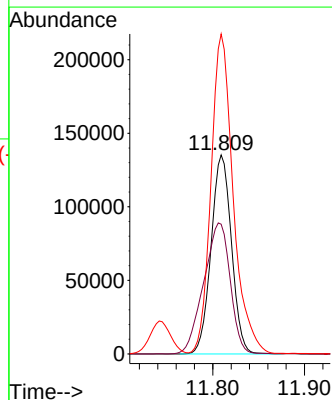
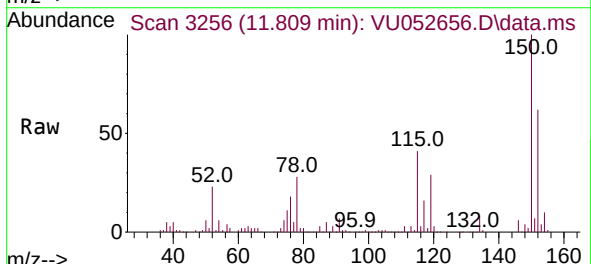
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

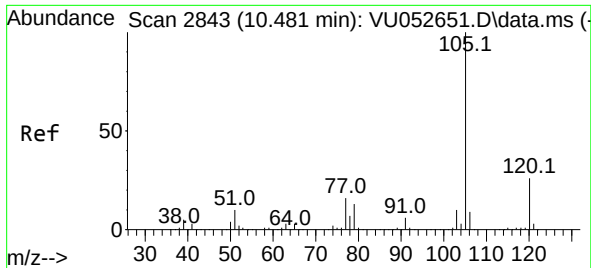
Tgt Ion:173 Resp: 126026
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.2
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.809 min Scan# 3256
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion:152 Resp: 208769
Ion Ratio Lower Upper
152 100
115 85.4 37.0 110.9
150 174.5 0.0 342.2

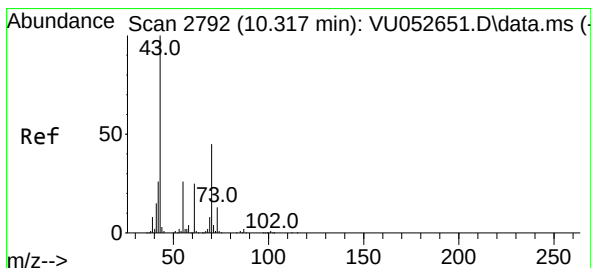
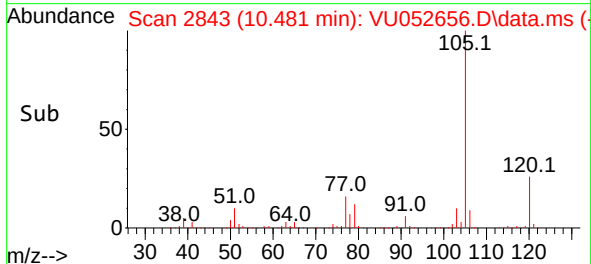
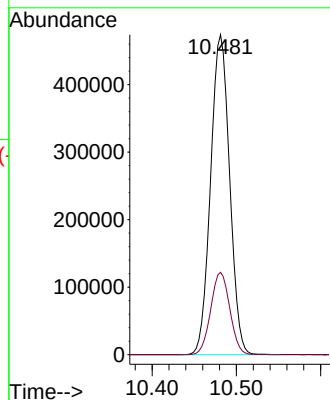
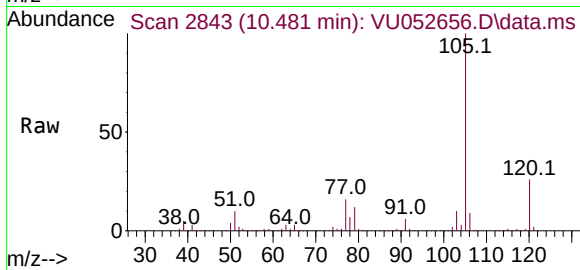




#73
Isopropylbenzene
Concen: 51.997 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

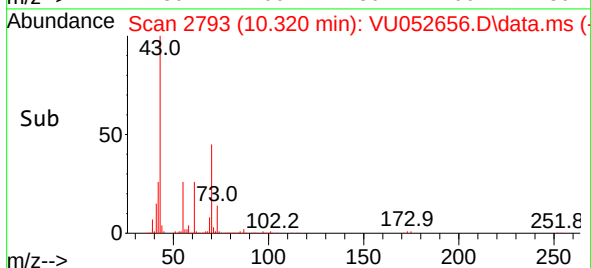
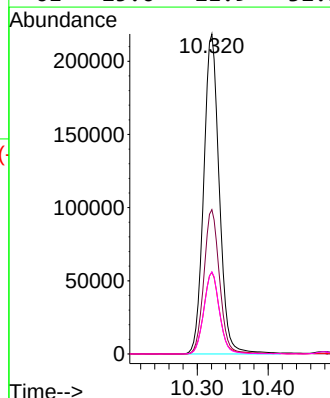
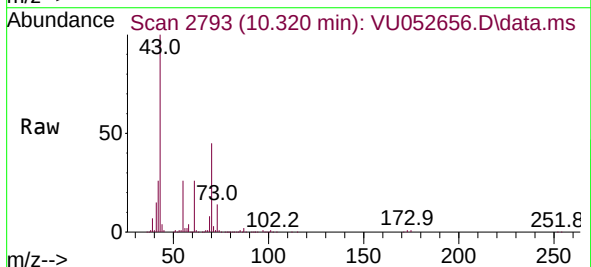
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

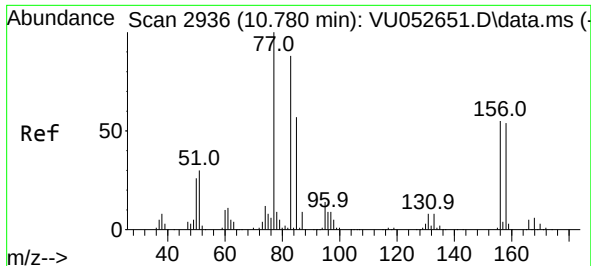
Tgt Ion:105 Resp: 742980
Ion Ratio Lower Upper
105 100
120 25.8 13.8 41.4



#74
N-ethyl acetate
Concen: 51.149 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.003 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion: 43 Resp: 334010
Ion Ratio Lower Upper
43 100
70 45.2 38.7 58.1
55 25.9 21.8 32.8
61 25.6 21.9 32.9

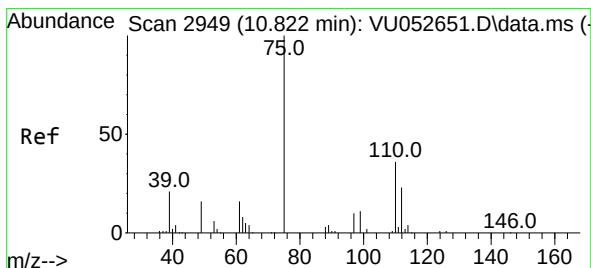
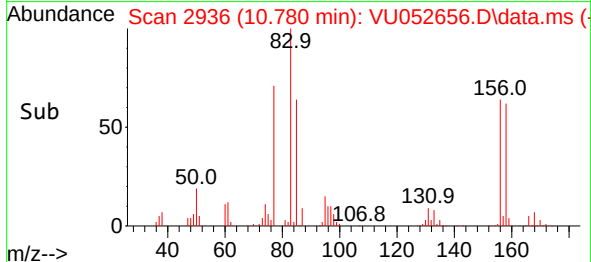
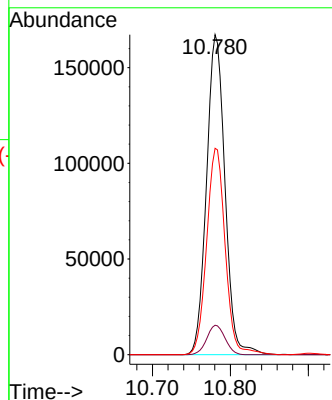
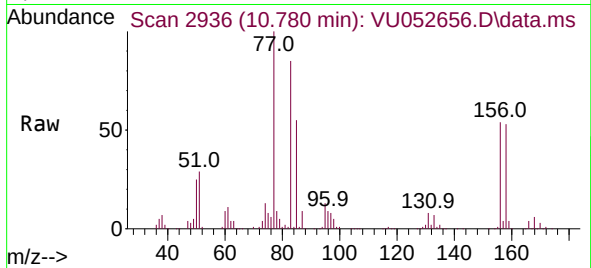




#75
1,1,2,2-Tetrachloroethane
Concen: 45.617 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

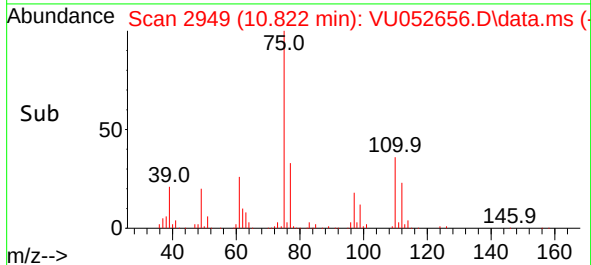
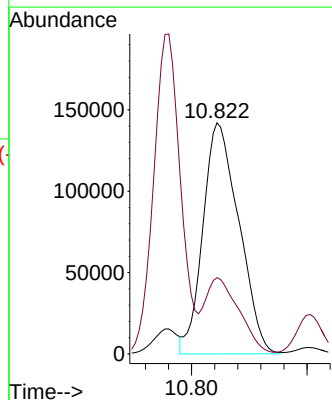
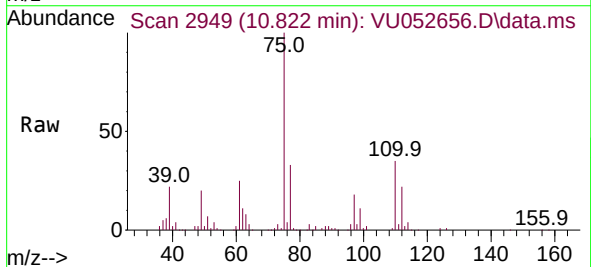
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

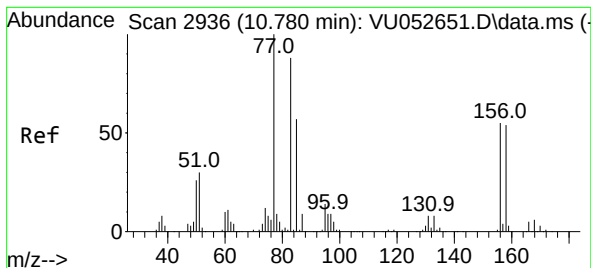
Tgt Ion: 83 Resp: 275004
Ion Ratio Lower Upper
83 100
131 9.1 5.1 15.4
85 64.9 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 46.426 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion: 75 Resp: 306953
Ion Ratio Lower Upper
75 100
77 30.9 15.8 47.3





#77

Bromobenzene

Concen: 48.142 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

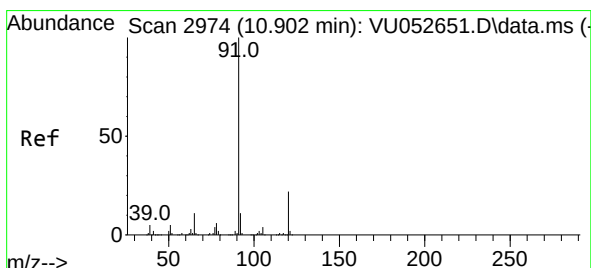
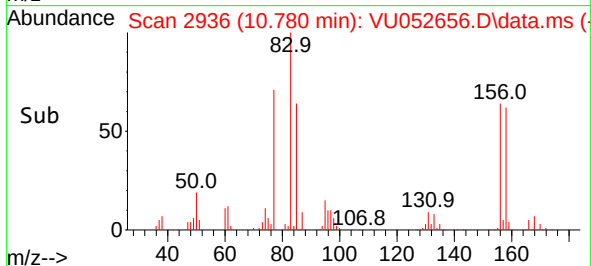
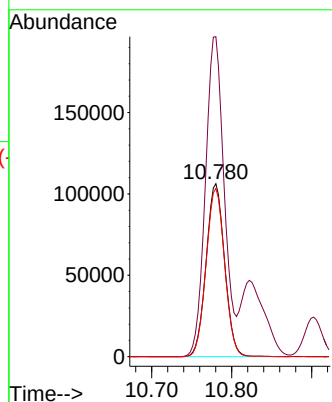
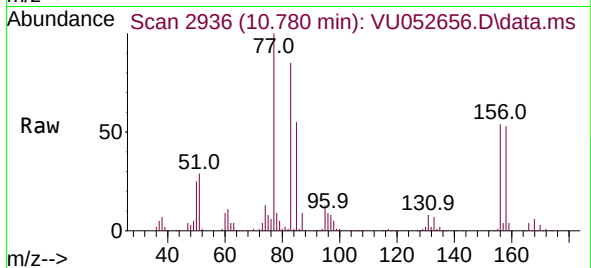
Tgt Ion:156 Resp: 171180

Ion Ratio Lower Upper

156 100

77 187.5 71.9 215.6

158 97.2 48.9 146.8



#78

n-propylbenzene

Concen: 53.122 ug/l

RT: 10.902 min Scan# 2974

Delta R.T. 0.000 min

Lab File: VU052656.D

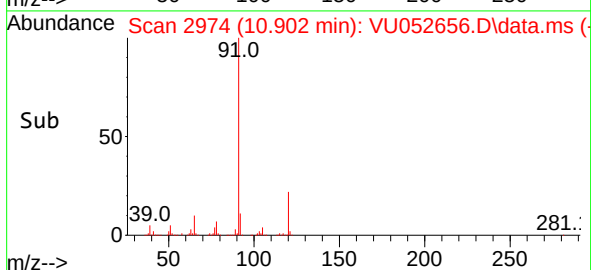
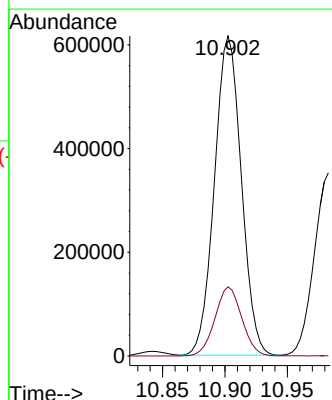
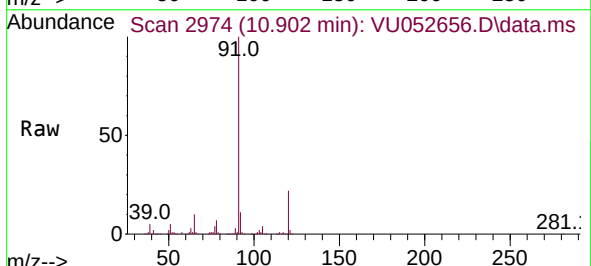
Acq: 12 Jan 2023 09:45

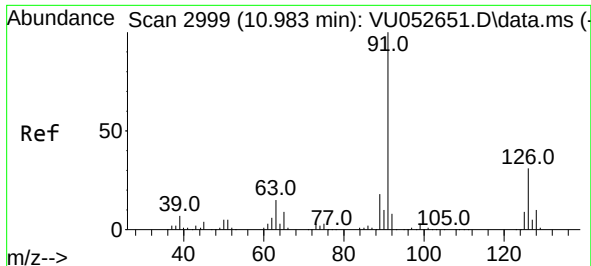
Tgt Ion: 91 Resp: 923418

Ion Ratio Lower Upper

91 100

120 21.7 11.9 35.5

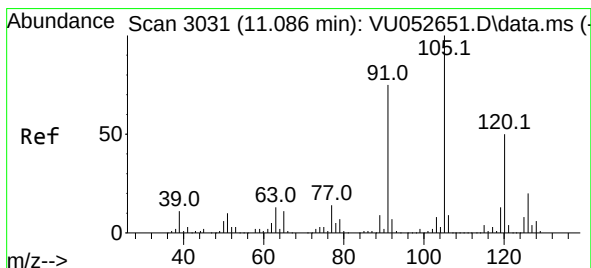
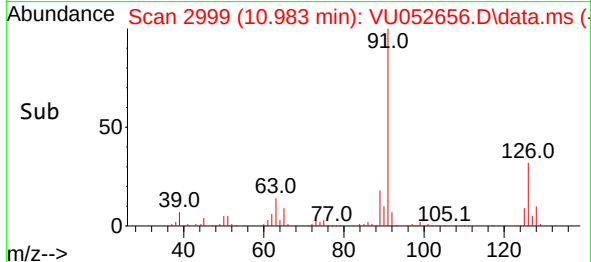
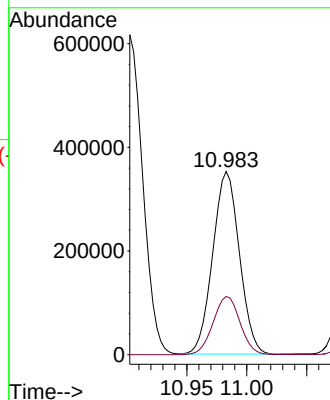
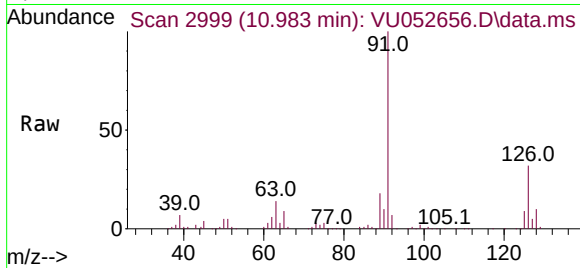




#79
2-Chlorotoluene
Concen: 51.153 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

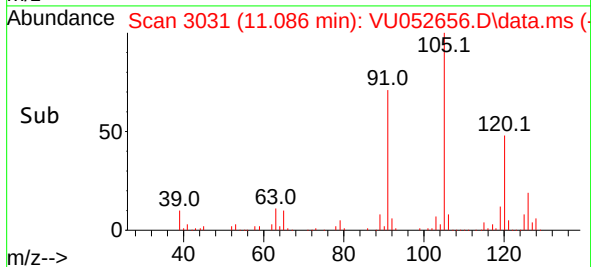
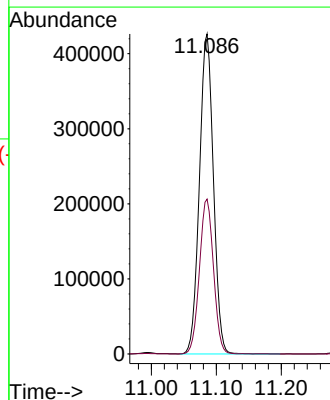
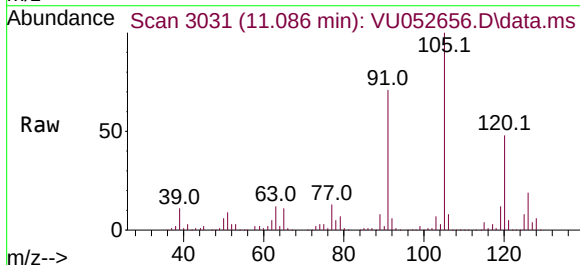
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

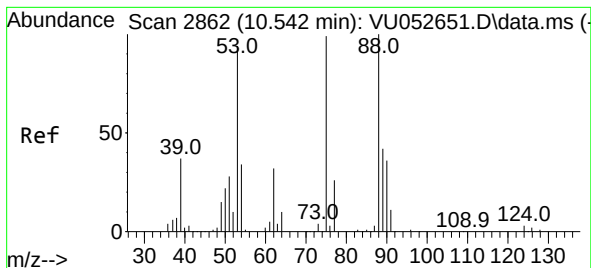
Tgt Ion: 91 Resp: 543797
Ion Ratio Lower Upper
91 100
126 32.3 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 53.194 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion: 105 Resp: 639815
Ion Ratio Lower Upper
105 100
120 48.6 25.3 75.9

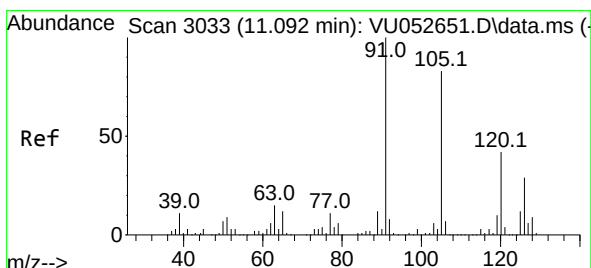
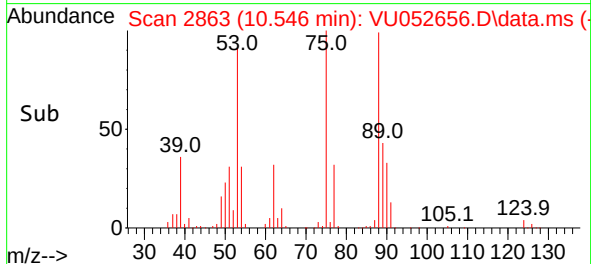
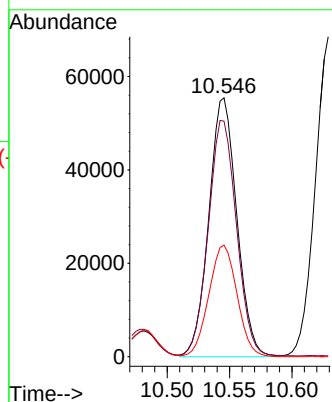
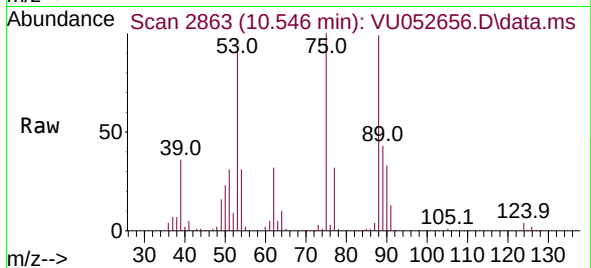




#81
trans-1,4-Dichloro-2-butene
Concen: 50.059 ug/l
RT: 10.546 min Scan# 2863
Delta R.T. 0.004 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

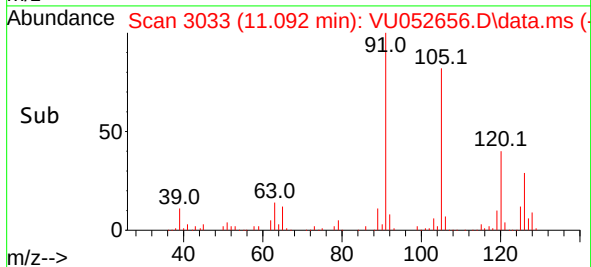
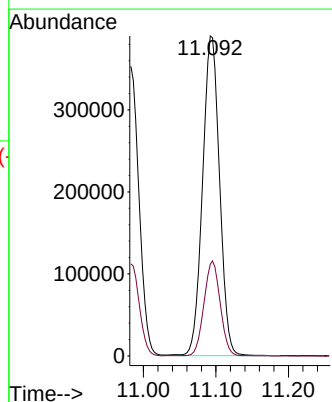
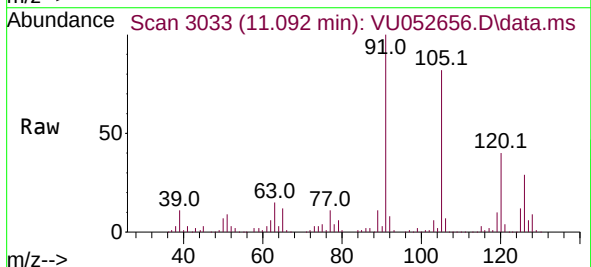
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

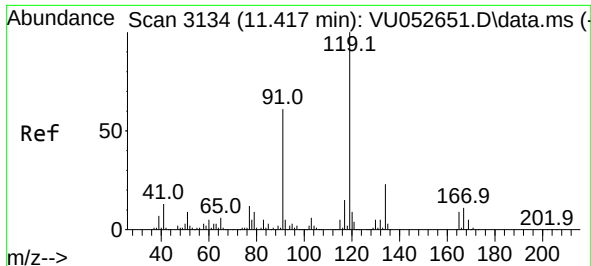
Tgt Ion: 75 Resp: 86695
Ion Ratio Lower Upper
75 100
53 91.9 69.2 103.8
89 43.5 37.0 55.6



#82
4-Chlorotoluene
Concen: 52.230 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion: 91 Resp: 633331
Ion Ratio Lower Upper
91 100
126 28.4 16.1 48.2

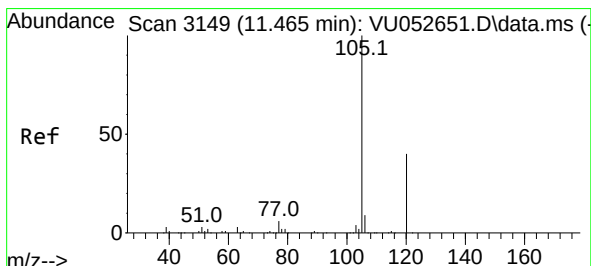
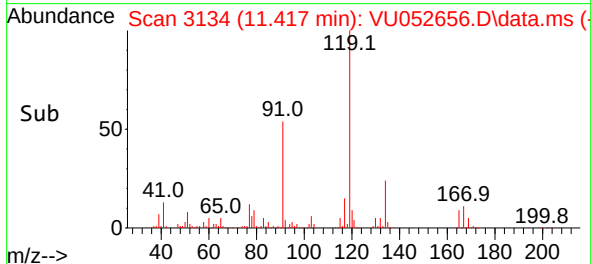
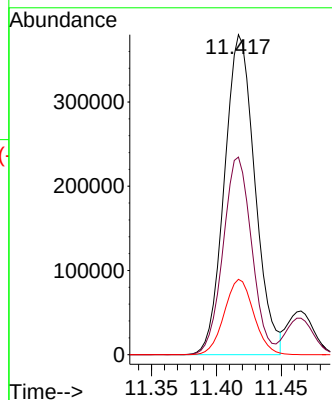
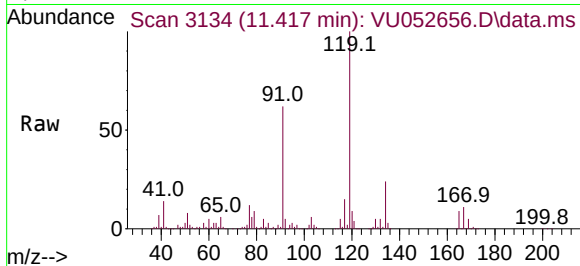




#83
 tert-Butylbenzene
 Concen: 51.790 ug/l
 RT: 11.417 min Scan# 3134
 Delta R.T. -0.000 min
 Lab File: VU052656.D
 Acq: 12 Jan 2023 09:45

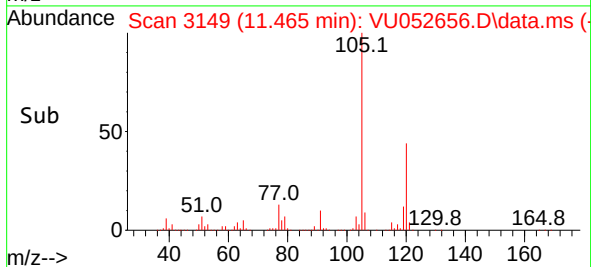
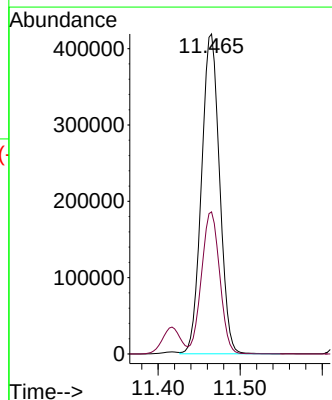
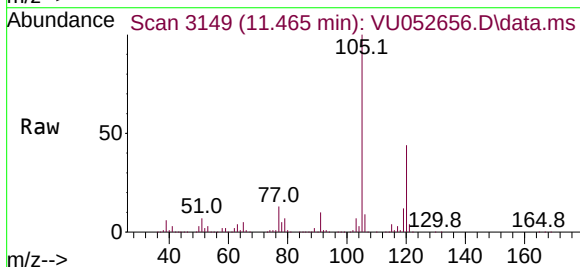
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

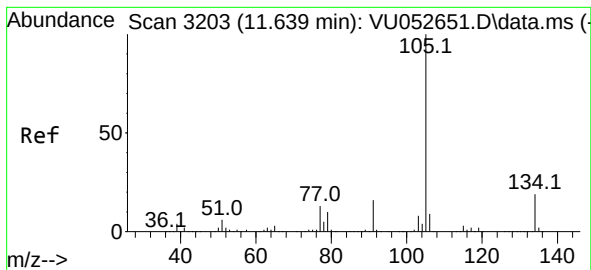
Tgt Ion:119 Resp: 620872
 Ion Ratio Lower Upper
 119 100
 91 58.0 26.8 80.3
 134 22.7 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 53.946 ug/l
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU052656.D
 Acq: 12 Jan 2023 09:45

Tgt Ion:105 Resp: 639660
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.4 70.3





#85

sec-Butylbenzene

Concen: 53.399 ug/l

RT: 11.639 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

Instrument :

MSVOA_U

ClientSampleId :

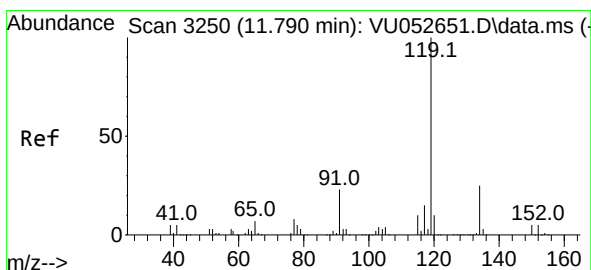
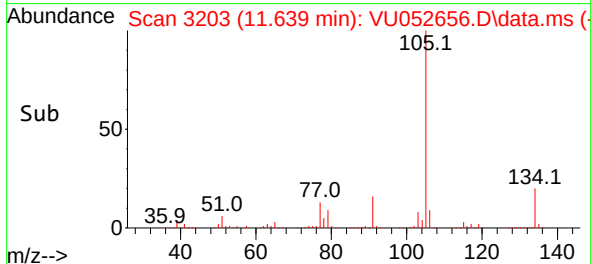
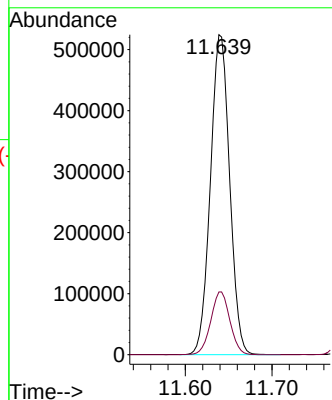
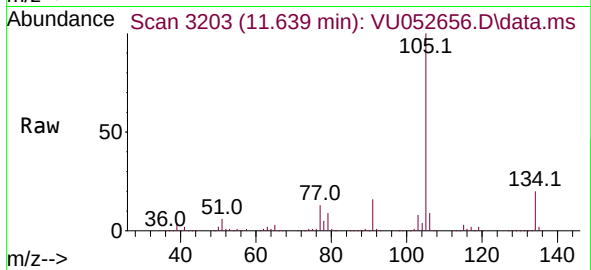
VSTDCCC050

Tgt Ion:105 Resp: 807285

Ion Ratio Lower Upper

105 100

134 19.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 49.347 ug/l

RT: 11.790 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

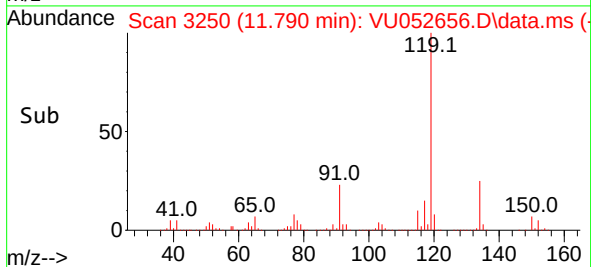
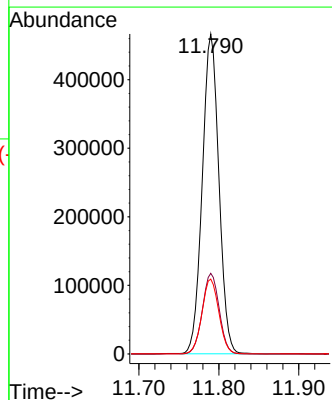
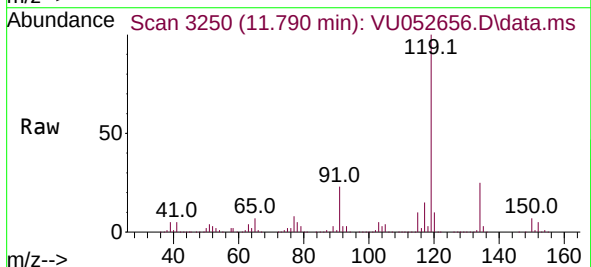
Tgt Ion:119 Resp: 675336

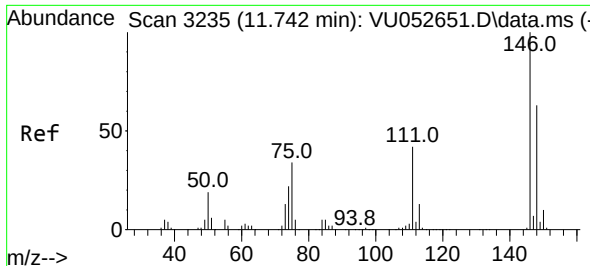
Ion Ratio Lower Upper

119 100

134 25.4 13.5 40.4

91 23.8 11.2 33.5

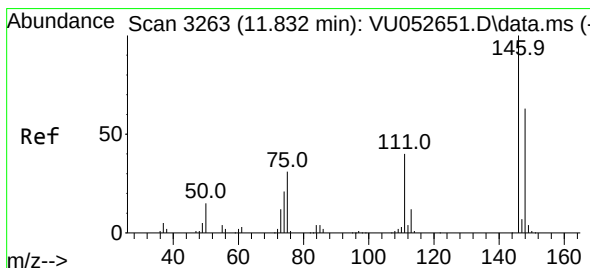
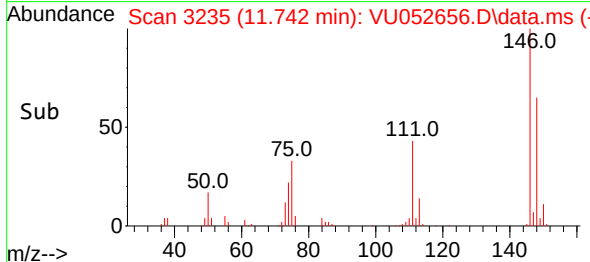
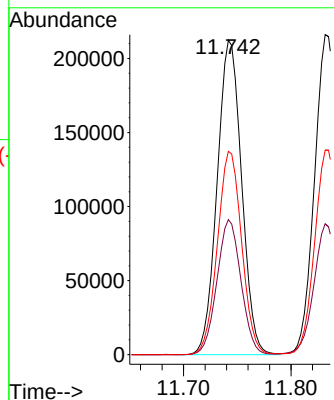
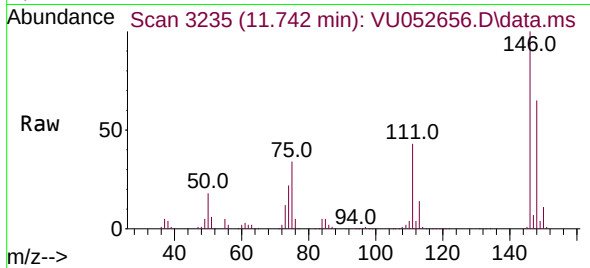




#87
 1,3-Dichlorobenzene
 Concen: 48.957 ug/l
 RT: 11.742 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU052656.D
 Acq: 12 Jan 2023 09:45

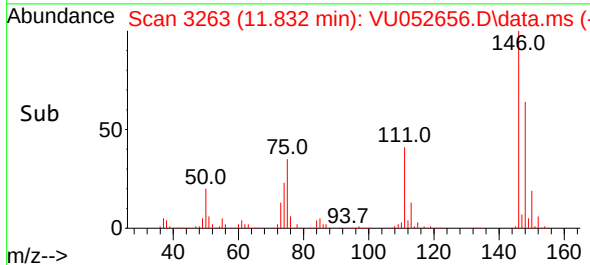
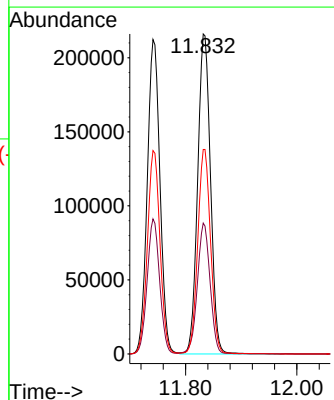
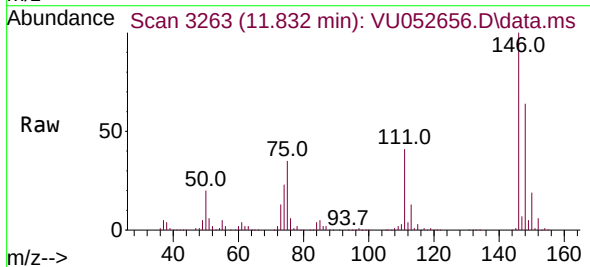
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

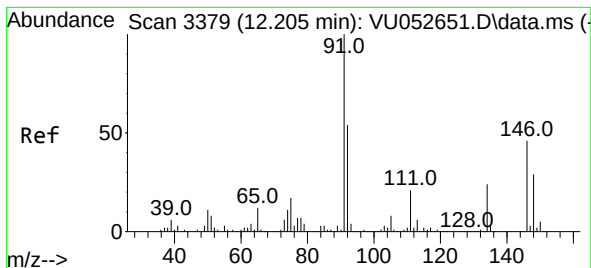
Tgt Ion:146 Resp: 335687
 Ion Ratio Lower Upper
 146 100
 111 42.2 18.9 56.5
 148 64.3 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.118 ug/l
 RT: 11.832 min Scan# 3263
 Delta R.T. -0.000 min
 Lab File: VU052656.D
 Acq: 12 Jan 2023 09:45

Tgt Ion:146 Resp: 345592
 Ion Ratio Lower Upper
 146 100
 111 40.5 18.5 55.5
 148 63.7 31.9 95.7





#89

n-Butylbenzene

Concen: 48.204 ug/l

RT: 12.205 min Scan# 3379

Delta R.T. -0.000 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

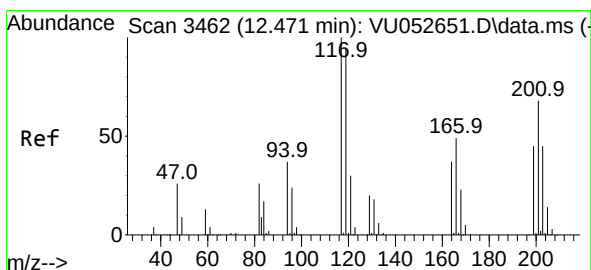
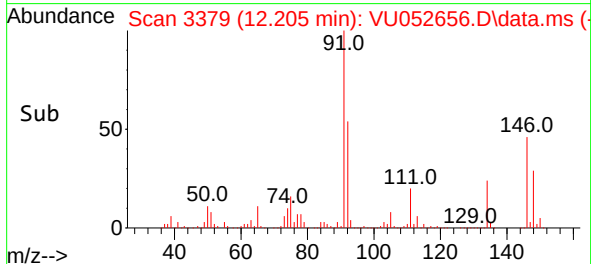
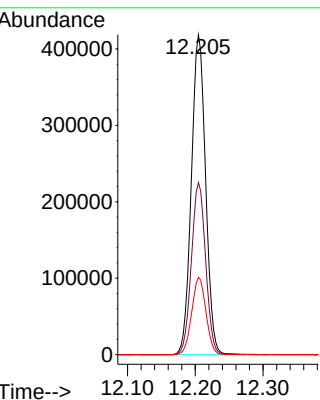
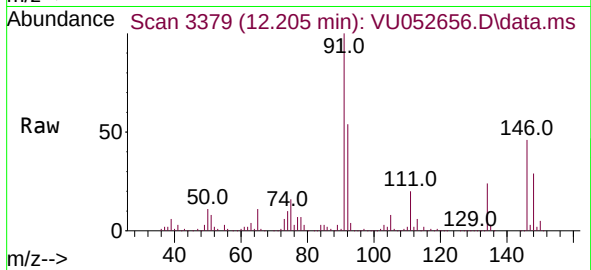
Tgt Ion: 91 Resp: 611684

Ion Ratio Lower Upper

91 100

92 53.7 26.2 78.6

134 24.2 13.5 40.4



#90

Hexachloroethane

Concen: 49.660 ug/l

RT: 12.471 min Scan# 3462

Delta R.T. 0.000 min

Lab File: VU052656.D

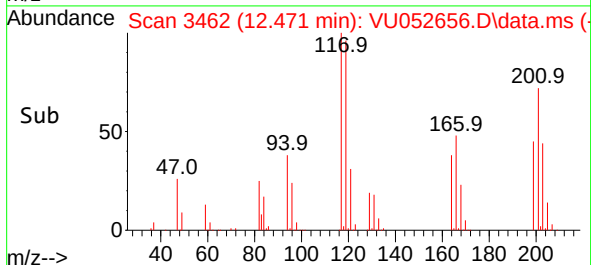
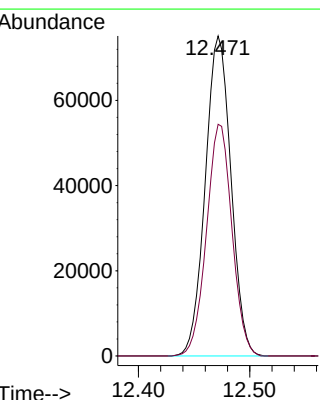
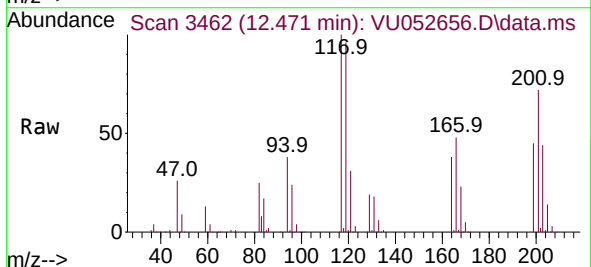
Acq: 12 Jan 2023 09:45

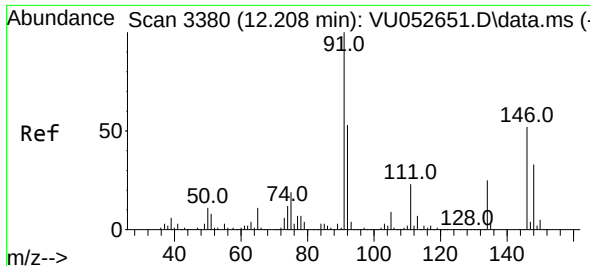
Tgt Ion: 117 Resp: 120610

Ion Ratio Lower Upper

117 100

201 71.7 44.6 134.0

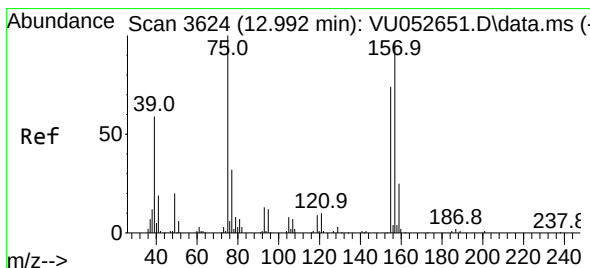
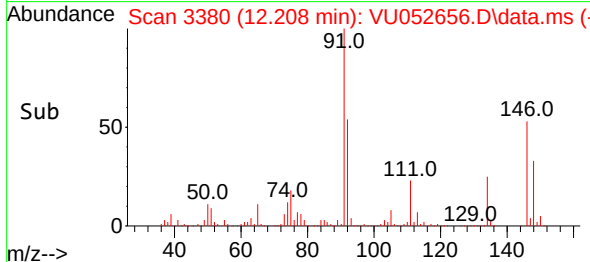
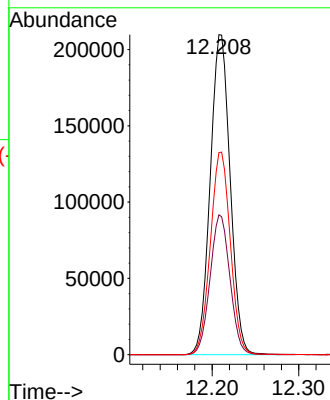
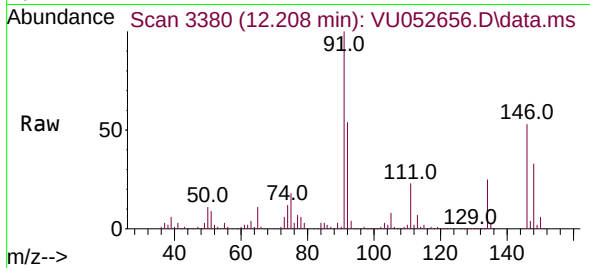




#91
1,2-Dichlorobenzene
Concen: 49.229 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

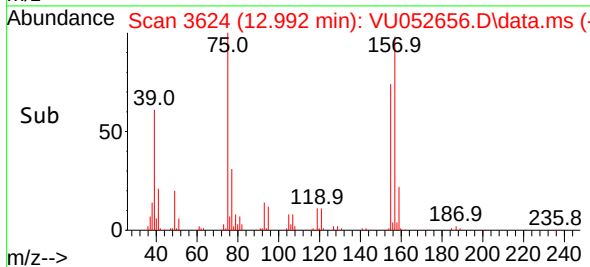
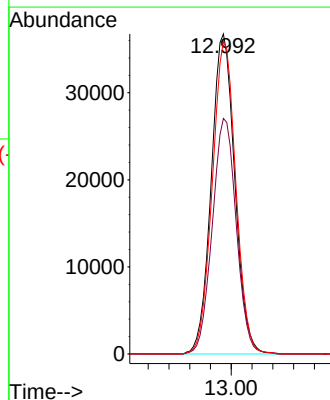
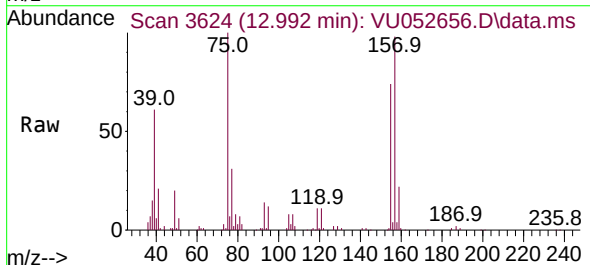
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

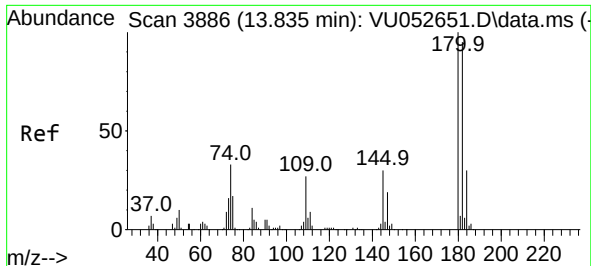
Tgt Ion:146 Resp: 335385
Ion Ratio Lower Upper
146 100
111 43.5 19.9 59.6
148 63.5 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.845 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion: 75 Resp: 57771
Ion Ratio Lower Upper
75 100
155 74.9 47.8 143.4
157 97.7 62.2 186.5

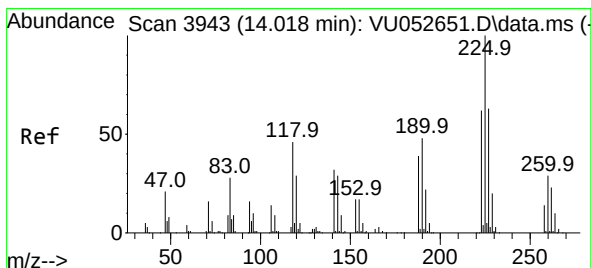
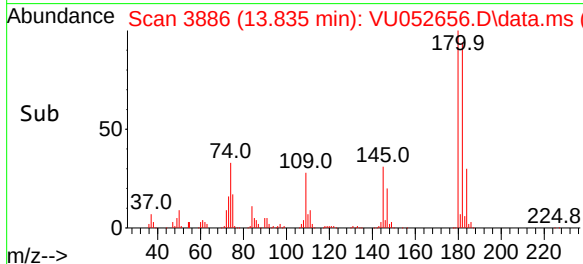
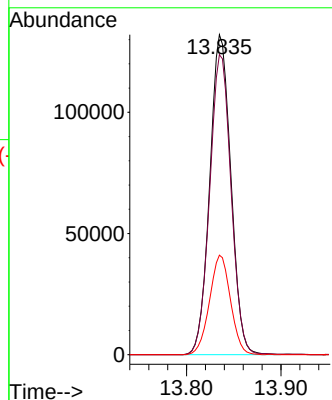
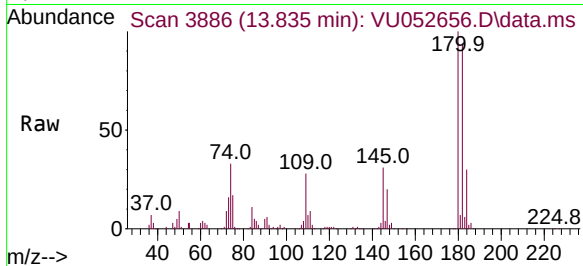




#93
1,2,4-Trichlorobenzene
Concen: 51.159 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

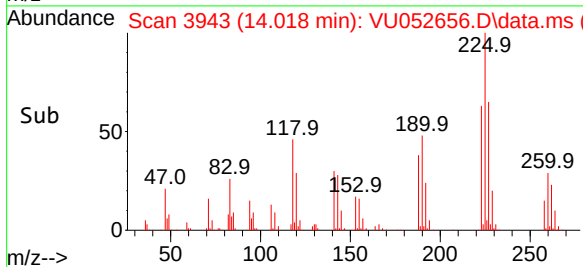
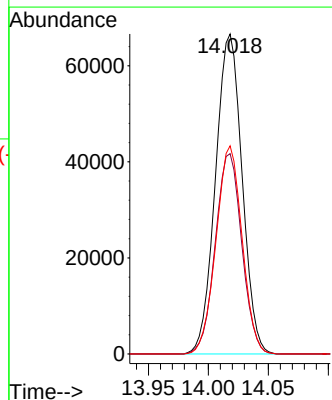
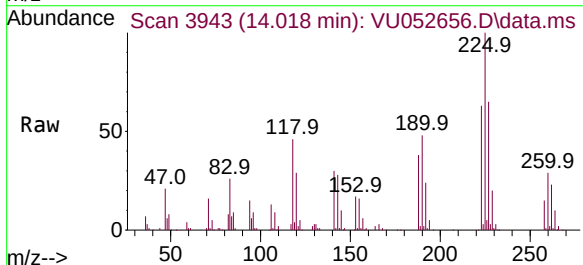
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

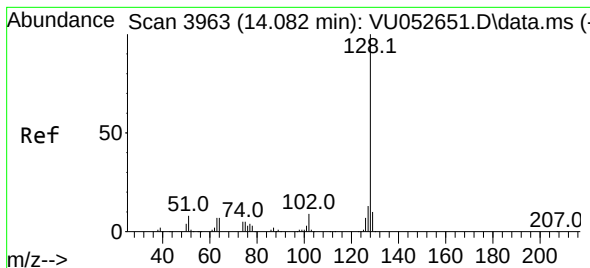
Tgt Ion:180 Resp: 204674
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.6
145 30.9 14.0 41.9



#94
Hexachlorobutadiene
Concen: 48.763 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. 0.000 min
Lab File: VU052656.D
Acq: 12 Jan 2023 09:45

Tgt Ion:225 Resp: 102823
Ion Ratio Lower Upper
225 100
223 62.2 31.3 93.9
227 63.6 32.0 96.2





#95

Naphthalene

Concen: 46.187 ug/l

RT: 14.082 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

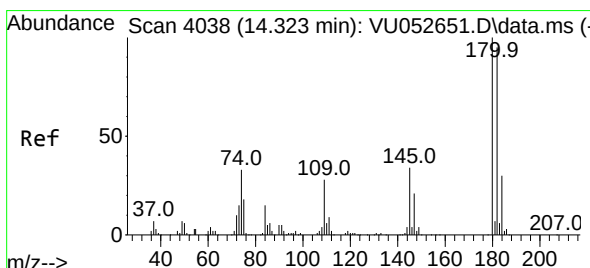
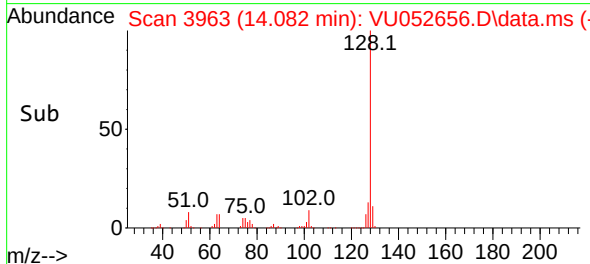
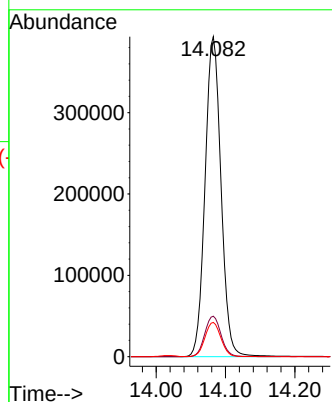
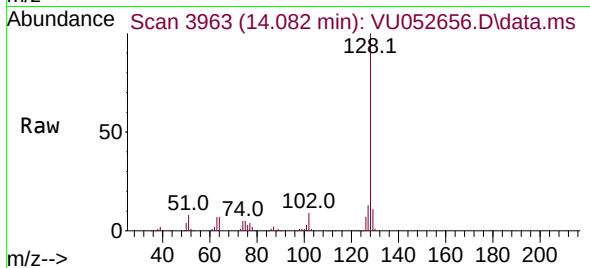
Tgt Ion:128 Resp: 626955

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.944 ug/l

RT: 14.323 min Scan# 4038

Delta R.T. 0.000 min

Lab File: VU052656.D

Acq: 12 Jan 2023 09:45

Tgt Ion:180 Resp: 203665

Ion Ratio Lower Upper

180 100

182 93.7 48.4 145.0

145 32.2 14.8 44.4

