

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101822\
 Data File : VU051446.D
 Acq On : 18 Oct 2022 18:15
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Oct 19 02:49:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 18 04:53:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.111	96	56826	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	20446	1.026	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	23202	1.042	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	194100	9.782	ug/l	99
3) Chloromethane	1.533	50	261866	8.374	ug/l	99
4) Vinyl Chloride	1.604	62	251267	9.282	ug/l	97
5) Bromomethane	1.845	94	151330	10.027	ug/l	98
6) Chloroethane	1.928	64	150077	9.727	ug/l	99
7) Trichlorofluoromethane	2.137	101	300058	9.922	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	161640	9.687	ug/l	98
9) 1,1-Dichloroethene	2.578	96	168889	9.684	ug/l	97
10) Iodomethane	2.719	142	225119	9.961	ug/l	99
11) Allyl Chloride	2.919	41	255809	9.619	ug/l	99
12) Acrylonitrile	3.314	53	107316	20.913	ug/l	99
13) Acetone	2.626	43	173749	47.020	ug/l	98
14) Carbon Disulfide	2.790	76	587331	9.451	ug/l	99
15) Methylene Chloride	3.041	84	218365	10.338	ug/l	97
16) trans-1,2-Dichloroethene	3.346	96	187281	9.365	ug/l	98
17) 1,1-Dichloroethane	3.864	63	341946	9.511	ug/l	99
18) 2-Butanone	4.713	43	251028	55.984	ug/l	100
19) Cyclohexane	5.385	56	216966	9.738	ug/l	90
20) Methylcyclohexane	6.761	83	248987	9.089	ug/l	99
21) 2,2-Dichloropropane	4.661	77	241333	9.613	ug/l	100
22) cis-1,2-Dichloroethene	4.665	96	195254	10.320	ug/l	99
23) Diethyl Ether	2.375	59	150586	9.889	ug/l	99
24) tert-Butyl Alcohol	3.189	59	185401	116.100	ug/l	96
25) Methyl tert-Butyl Ether	3.366	73	463397	10.216	ug/l	100
26) Bromochloromethane	4.970	128	94265	10.221	ug/l	98
27) Chloroform	5.086	83	355751	9.770	ug/l	100
28) 1,1,1-Trichloroethane	5.311	97	280262	9.643	ug/l	99
29) 1,1-Dichloropropene	5.523	75	236080	10.606	ug/l	100
30) Carbon Tetrachloride	5.520	117	238261	9.716	ug/l	95
31) Isopropyl Ether	3.999	45	422207	9.928	ug/l	97
32) Ethyl-t-butyl ether	4.507	59	402304	10.360	ug/l	99
33) Tert-Amyl methyl ether	5.944	73	382186	11.201	ug/l	99
34) Propionitrile	4.777	54	82984	55.048	ug/l	99
35) Benzene	5.771	78	751387	10.059	ug/l	100
36) 1,2-Dichloroethane	5.793	62	234785	10.188	ug/l	99
37) Trichloroethene	6.539	130	174034	9.926	ug/l	99
38) 1,2-Dichloropropane	6.790	63	205856	10.045	ug/l	99
39) Methacrylonitrile	4.976	41	57781	11.215	ug/l	99
40) Methyl acrylate	4.848	55	95727	11.652	ug/l	99
41) Tetrahydrofuran	5.060	42	59475	21.984	ug/l	99
42) 1-Chlorobutane	5.456	56	323235	10.639	ug/l	97
43) Dibromomethane	6.915	93	108223	10.176	ug/l	99
44) Bromodichloromethane	7.105	83	259435	10.080	ug/l	99

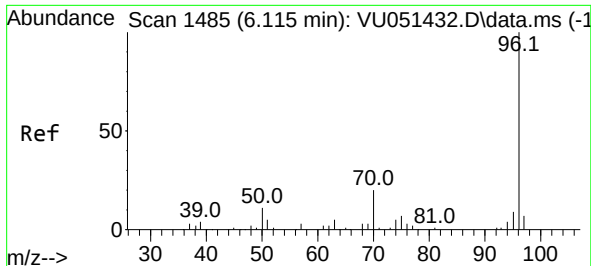
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 18 04:53:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	611717	60.421	ug/l	99
46) t-1,4-Dichloro-2-butene	10.825	75	265102	46.916	ug/l #	56
47) Methyl methacrylate	6.960	69	200663	19.998	ug/l	99
48) Ethyl methacrylate	8.333	69	162851	9.434	ug/l	98
49) Toluene	7.967	92	457315	11.164	ug/l	99
50) t-1,3-Dichloropropene	8.211	75	223191	10.782	ug/l	100
51) cis-1,3-Dichloropropene	7.607	75	252175	10.334	ug/l	99
52) 1,1,2-Trichloroethane	8.401	97	156904	10.332	ug/l	98
53) 1,3-Dichloropropane	8.574	76	262035	10.706	ug/l	98
54) 2-Hexanone	8.684	43	436888	50.410	ug/l	100
55) Dibromochloromethane	8.809	129	172859	10.467	ug/l	100
56) 1,2-Dibromoethane	8.922	107	143739	10.765	ug/l	99
58) Tetrachloroethene	8.552	164	154216	10.094	ug/l	99
59) Chlorobenzene	9.446	112	471359	10.482	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.533	131	172778	10.027	ug/l	99
61) Pentachloroethane	11.426	117	155301	10.114	ug/l	99
62) Hexachloroethane	12.475	117	144850	9.934	ug/l	98
63) Ethyl Benzene	9.571	91	786162	9.361	ug/l	99
64) m/p-Xylenes	9.693	106	666158	19.457	ug/l	98
65) o-Xylene	10.098	106	308665	9.618	ug/l	99
66) Styrene	10.111	104	538210	9.701	ug/l	99
67) Bromoform	10.288	173	100101	10.799	ug/l	99
69) Isopropylbenzene	10.484	105	757415	9.337	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.780	83	218383	10.633	ug/l	100
71) 1,2,3-Trichloropropane	10.825	75	265102	17.373	ug/l	73
72) Bromobenzene	10.780	156	195167	10.913	ug/l	99
73) n-propylbenzene	10.905	120	221347	9.438	ug/l	99
74) 2-Chlorotoluene	10.986	126	200597	11.522	ug/l	97
75) 1,3,5-Trimethylbenzene	11.089	105	727081	9.647	ug/l	100
76) 4-Chlorotoluene	11.095	126	208222	9.782	ug/l	94
77) tert-Butylbenzene	11.420	119	645777	11.202	ug/l	99
78) 1,2,4-Trimethylbenzene	11.465	105	769798	9.733	ug/l	100
79) sec-Butylbenzene	11.642	105	893791	9.481	ug/l	100
80) Nitrobenzene	13.204	77	47616	46.823	ug/l	96
81) p-Isopropyltoluene	11.793	119	748263	9.489	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	404588	10.531	ug/l	100
83) 1,4-Dichlorobenzene	11.835	146	417004	11.090	ug/l	99
84) n-Butylbenzene	12.208	91	667521	8.902	ug/l	99
85) 1,2-Dichlorobenzene	12.211	146	404077	10.674	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.995	75	32988	10.272	ug/l	96
87) 1,2,4-Trichlorobenzene	13.838	180	192779	9.401	ug/l	99
88) Hexachlorobutadiene	14.021	225	130215	9.740	ug/l	99
89) Naphthalene	14.085	128	402506	9.381	ug/l	100
90) 1,2,3-Trichlorobenzene	14.327	180	218610	9.746	ug/l	99

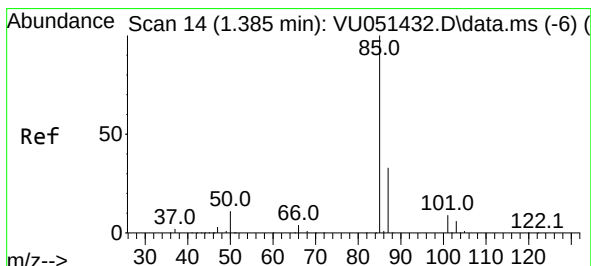
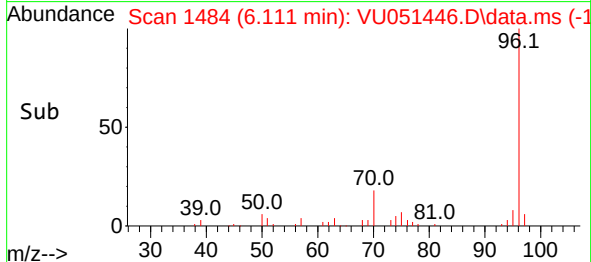
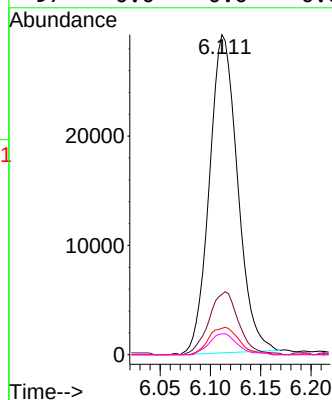
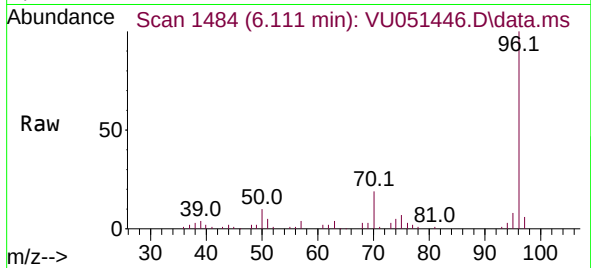
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.111 min Scan# 14
Delta R.T. -0.004 min
Lab File: VU051446.D
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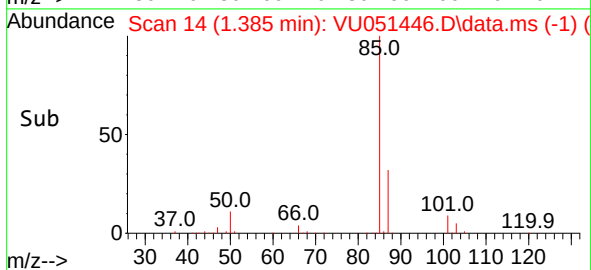
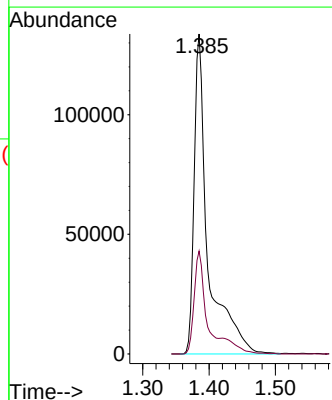
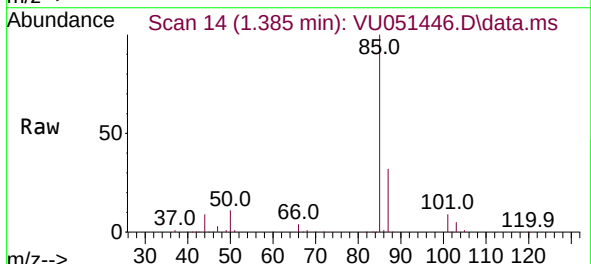
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

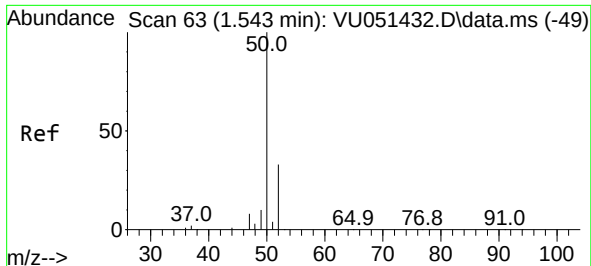
Tgt Ion: 96	Resp: 56826
Ion Ratio	Lower Upper
96 100	
70 20.9	16.7 25.1
95 9.2	7.5 11.3
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 9.782 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion: 85	Resp: 194100
Ion Ratio	Lower Upper
85 100	
87 32.1	16.4 49.4

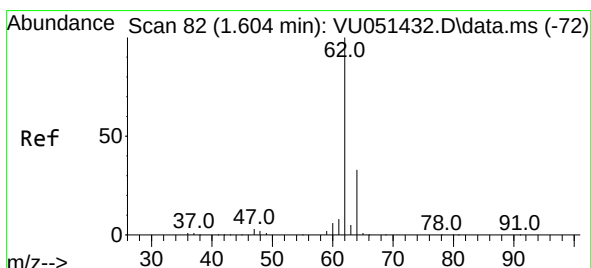
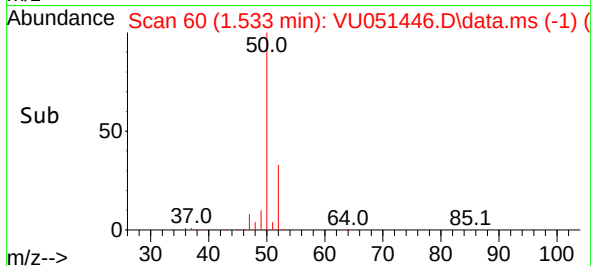
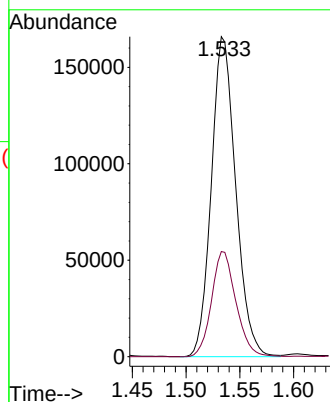
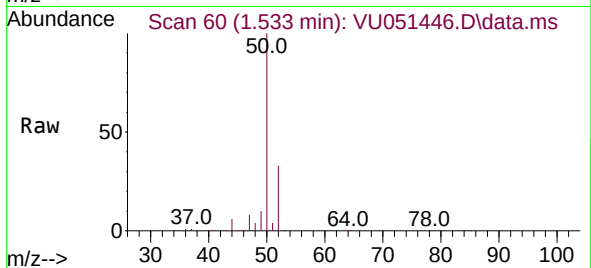




#3
Chloromethane
Concen: 8.374 ug/l
RT: 1.533 min Scan# 60
Delta R.T. -0.010 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

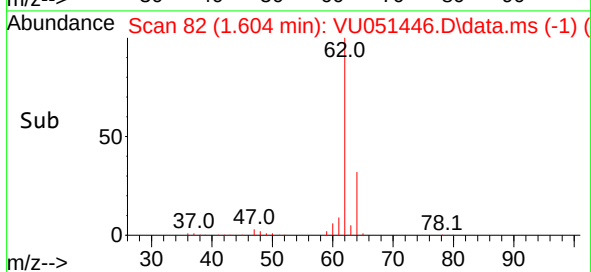
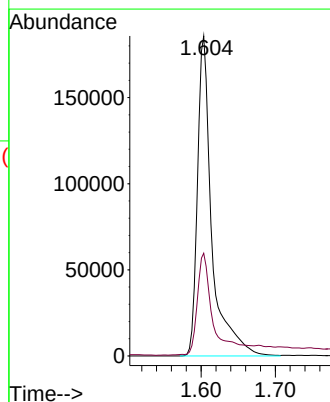
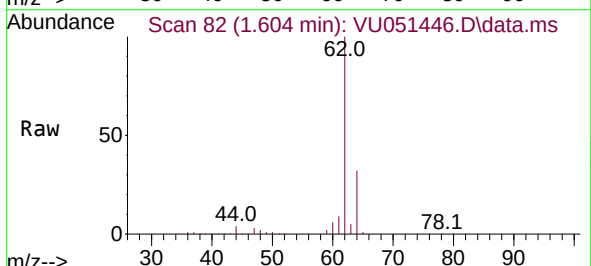
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MSVOA_U
ClientSampleId :
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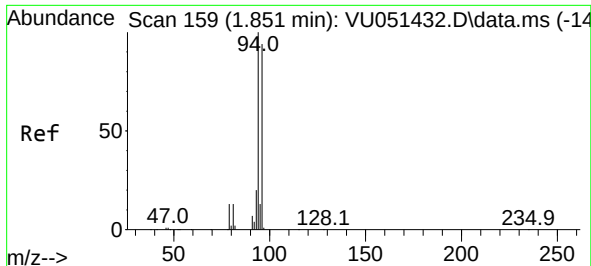
Tgt Ion: 50 Resp: 261866
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1



#4
Vinyl Chloride
Concen: 9.282 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion: 62 Resp: 251267
Ion Ratio Lower Upper
62 100
64 31.6 26.7 40.1

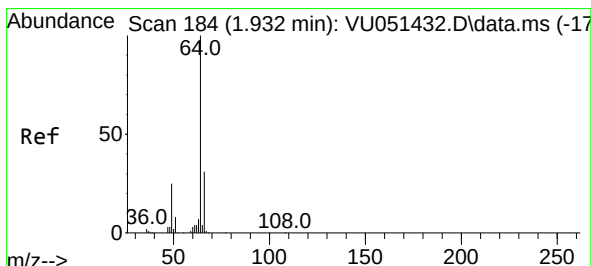
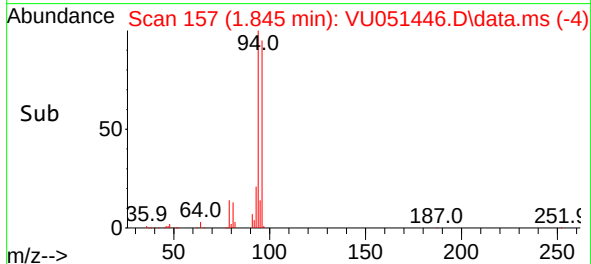
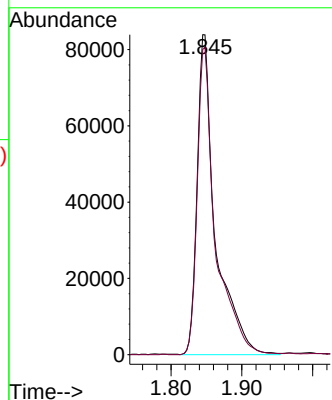
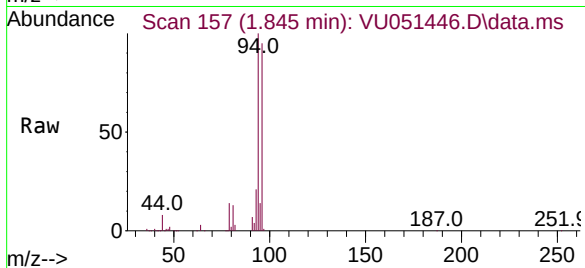




#5
Bromomethane
Concen: 10.027 ug/l
RT: 1.845 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

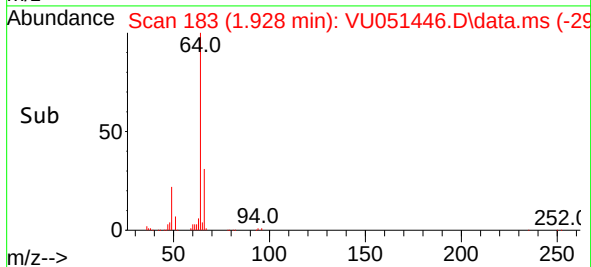
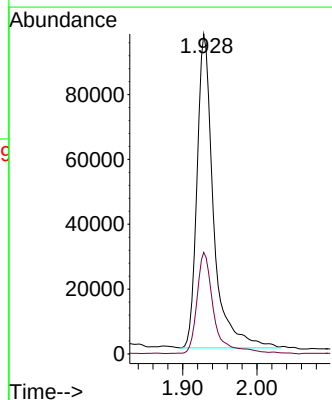
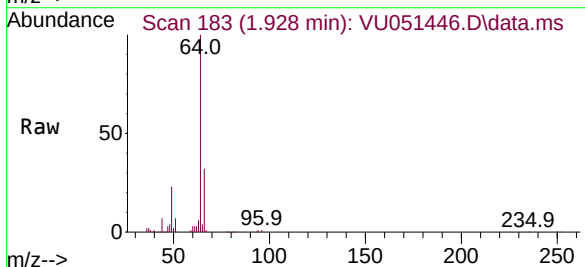
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ClientSampleId :
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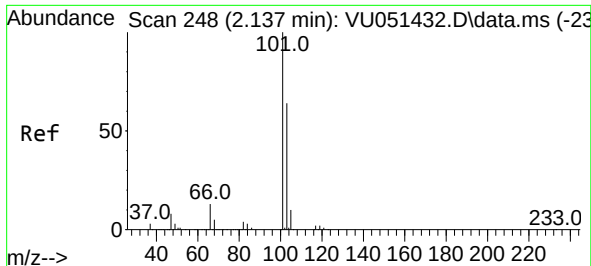
Tgt Ion: 94 Resp: 151330
Ion Ratio Lower Upper
94 100
96 95.4 74.8 112.2



#6
Chloroethane
Concen: 9.727 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion: 64 Resp: 150077
Ion Ratio Lower Upper
64 100
66 32.1 25.2 37.8

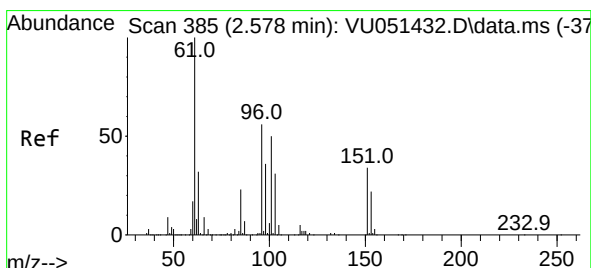
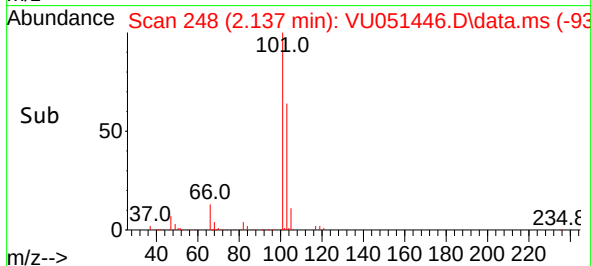
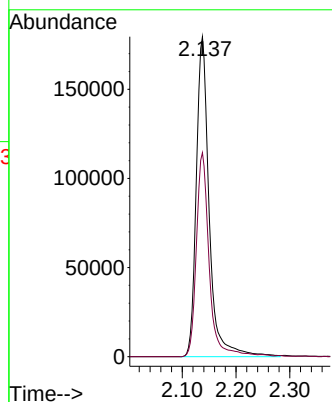
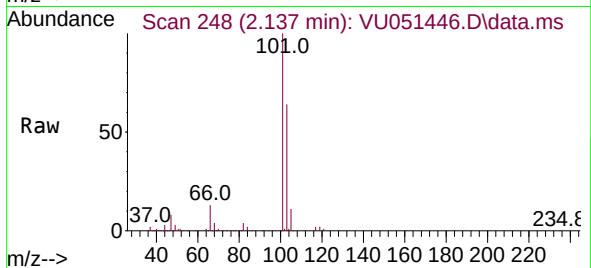




#7
 Trichlorofluoromethane
 Concen: 9.922 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU051446.D
 Acq: 18 Oct 2022 18:15

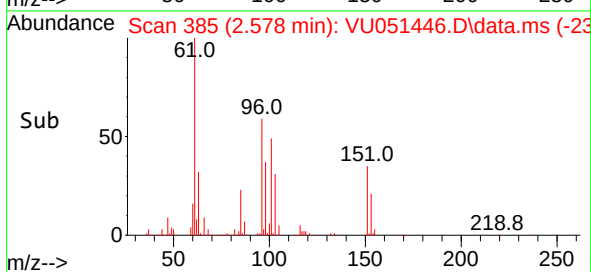
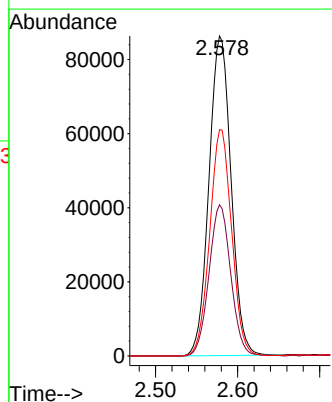
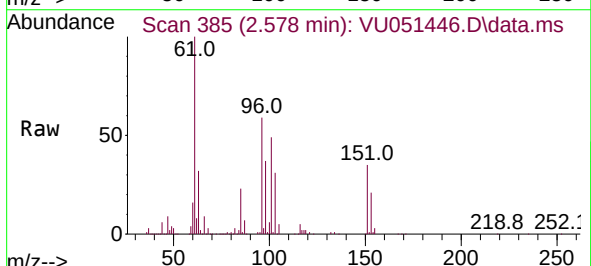
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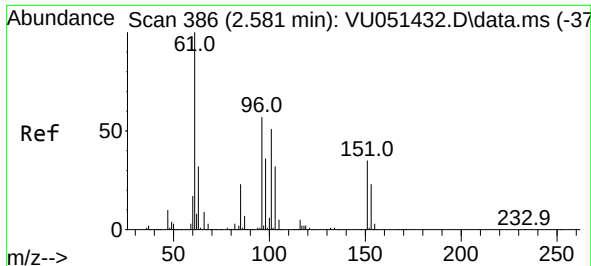
Tgt Ion:101 Resp: 300058
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.687 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051446.D
 Acq: 18 Oct 2022 18:15

Tgt Ion:101 Resp: 161640
 Ion Ratio Lower Upper
 101 100
 85 46.6 36.6 54.8
 151 70.2 54.6 81.8

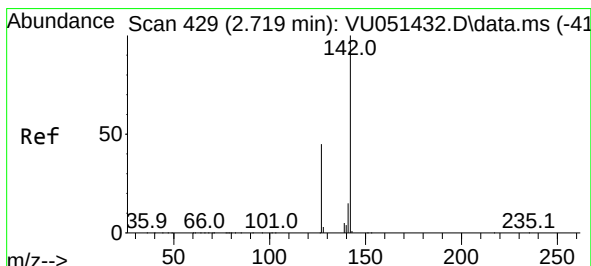
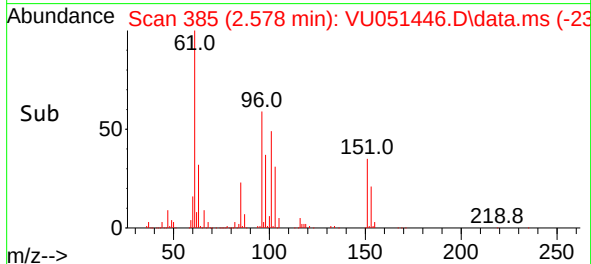
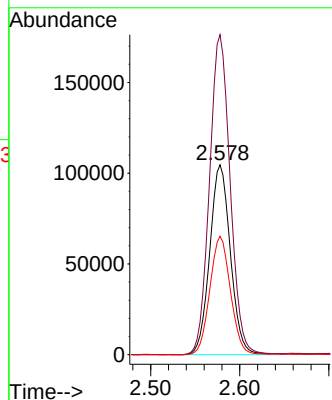
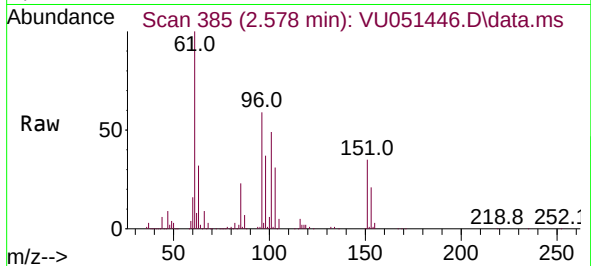




#9
1,1-Dichloroethene
Concen: 9.684 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

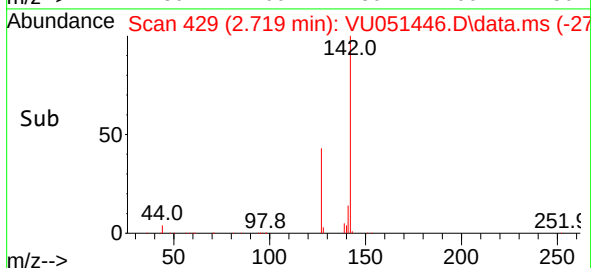
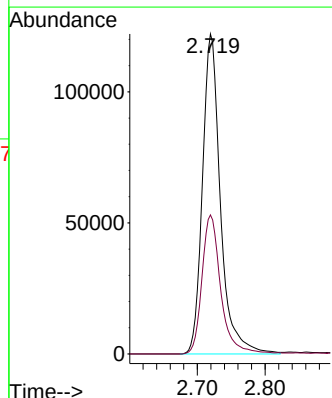
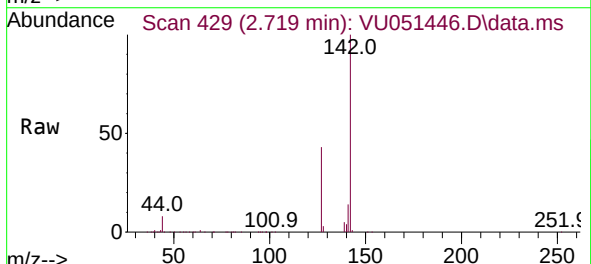
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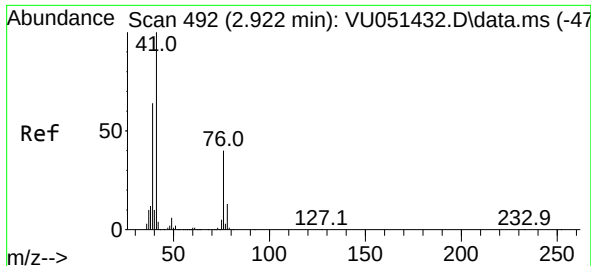
Tgt Ion: 96 Resp: 168889
Ion Ratio Lower Upper
96 100
61 168.5 0.0 522.3
98 62.3 0.0 126.6



#10
Iodomethane
Concen: 9.961 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion: 142 Resp: 225119
Ion Ratio Lower Upper
142 100
127 45.3 37.0 55.4

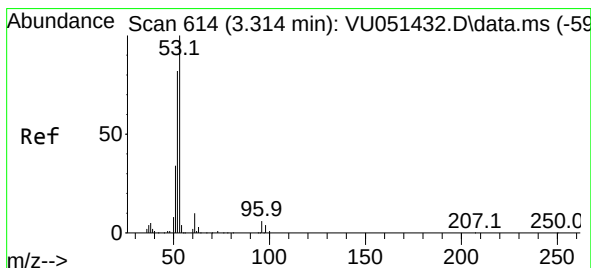
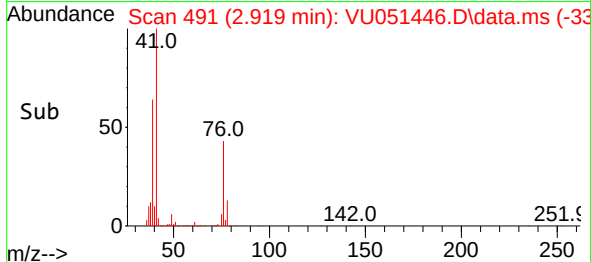
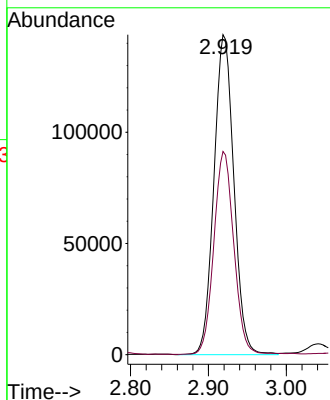
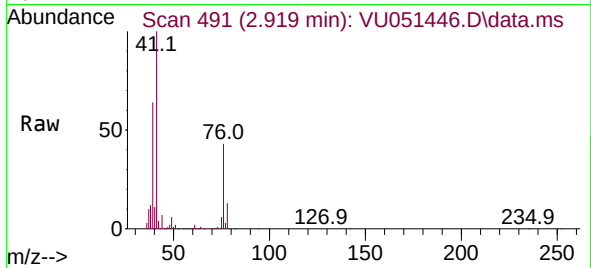




#11
 Allyl Chloride
 Concen: 9.619 ug/l
 RT: 2.919 min Scan# 491
 Delta R.T. -0.003 min
 Lab File: VU051446.D
 Acq: 18 Oct 2022 18:15

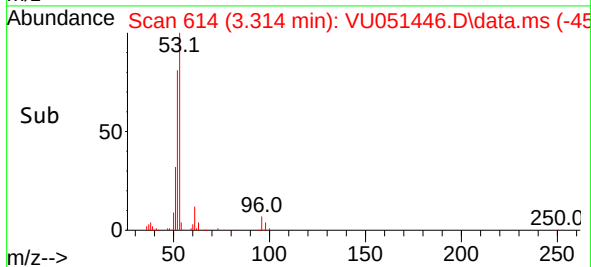
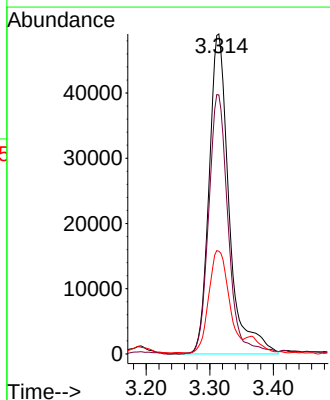
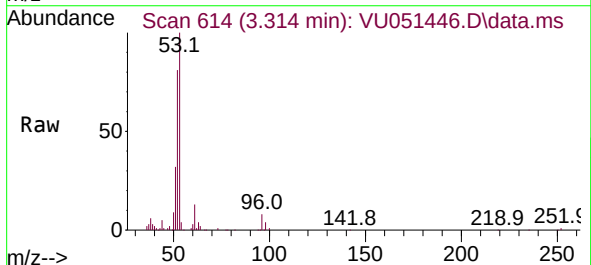
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

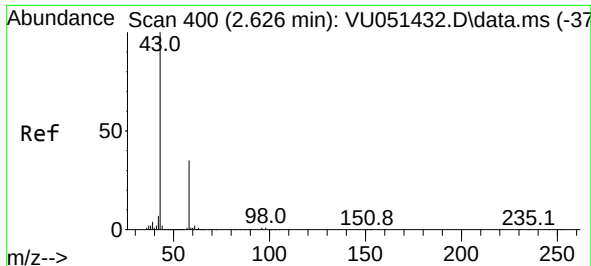
Tgt Ion: 41 Resp: 255809
 Ion Ratio Lower Upper
 41 100
 39 63.4 51.4 77.0



#12
 Acrylonitrile
 Concen: 20.913 ug/l
 RT: 3.314 min Scan# 614
 Delta R.T. -0.000 min
 Lab File: VU051446.D
 Acq: 18 Oct 2022 18:15

Tgt Ion: 53 Resp: 107316
 Ion Ratio Lower Upper
 53 100
 52 78.9 63.9 95.9
 51 32.6 25.9 38.9





#13

Acetone

Concen: 47.020 ug/l

RT: 2.626 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

Instrument :

MSVOA_U

ClientSampleId :

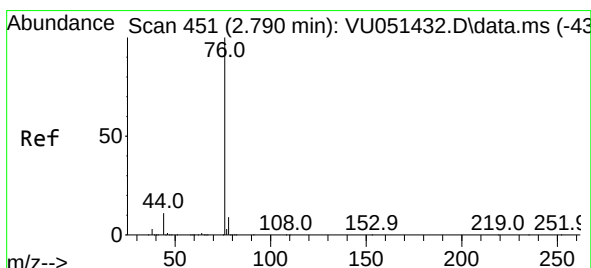
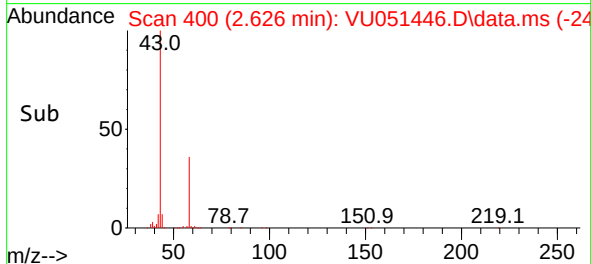
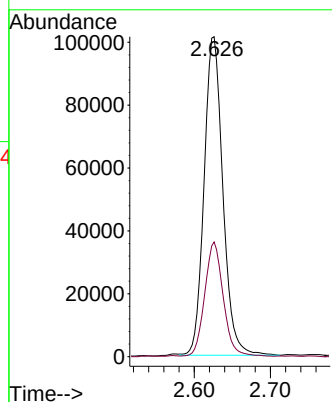
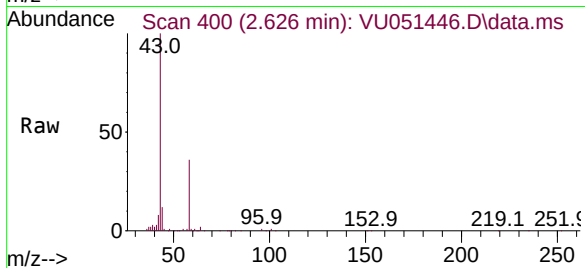
VSTDCCC010EC

Tgt Ion: 43 Resp: 173749

Ion Ratio Lower Upper

43 100

58 35.8 27.9 41.9



#14

Carbon Disulfide

Concen: 9.451 ug/l

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051446.D

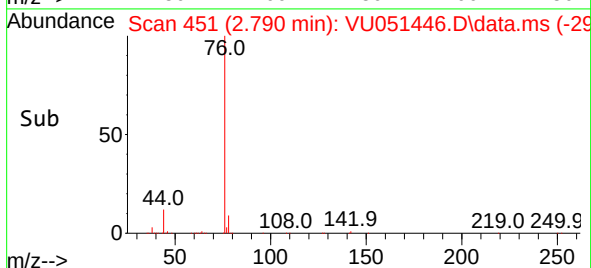
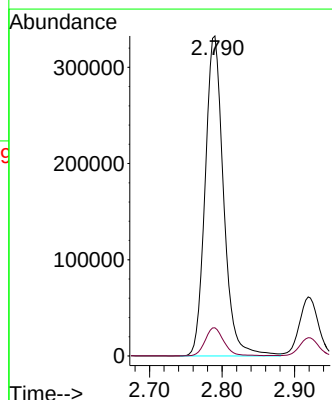
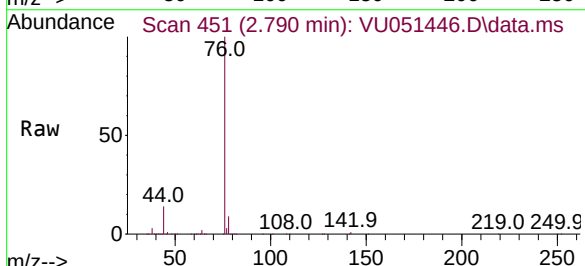
Acq: 18 Oct 2022 18:15

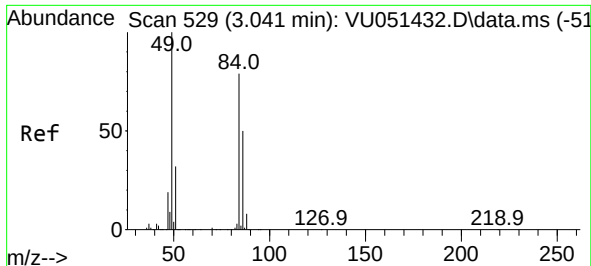
Tgt Ion: 76 Resp: 587331

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8

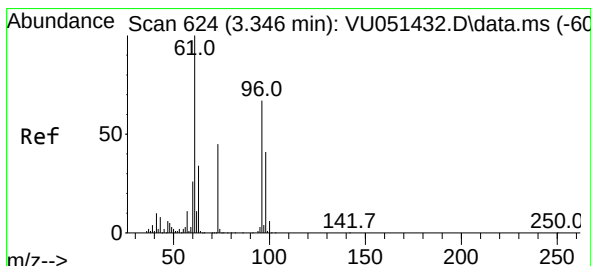
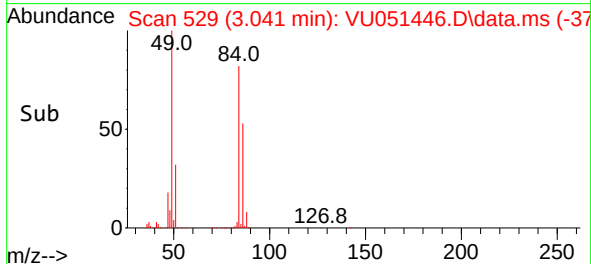
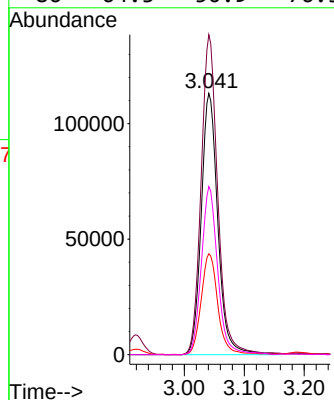
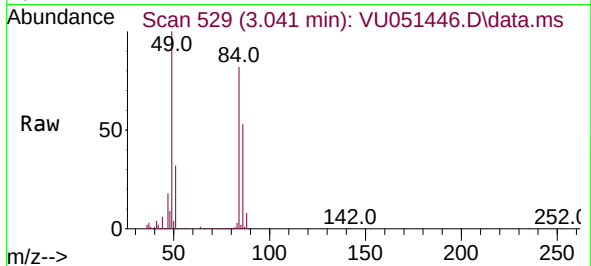




#15
Methylene Chloride
Concen: 10.338 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

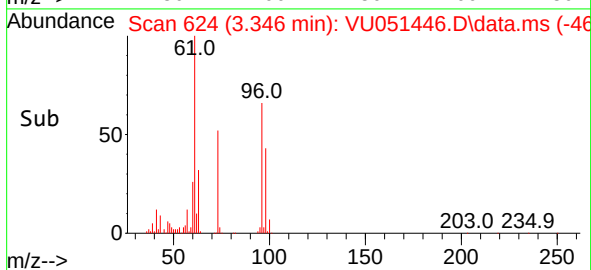
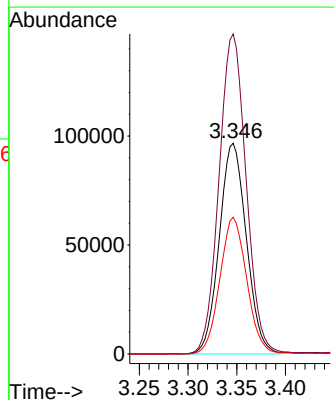
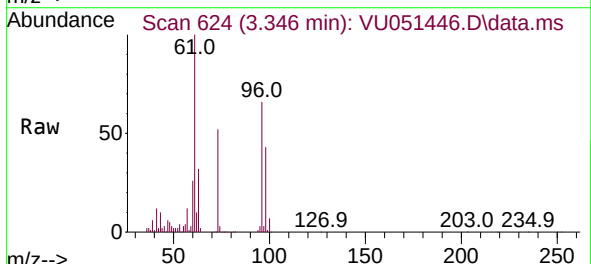
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

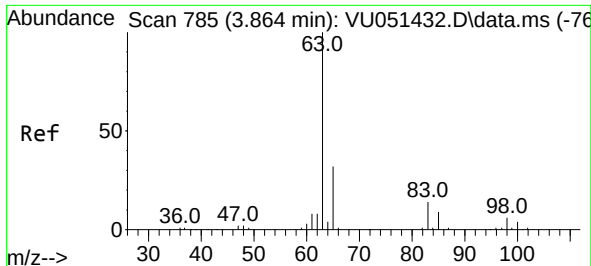
Tgt Ion: 84 Resp: 218365
Ion Ratio Lower Upper
84 100
49 122.4 101.1 151.7
51 38.7 0.0 80.2
86 64.3 50.9 76.3



#16
trans-1,2-Dichloroethene
Concen: 9.365 ug/l
RT: 3.346 min Scan# 624
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion: 96 Resp: 187281
Ion Ratio Lower Upper
96 100
61 151.8 119.9 179.9
98 64.9 49.5 74.3

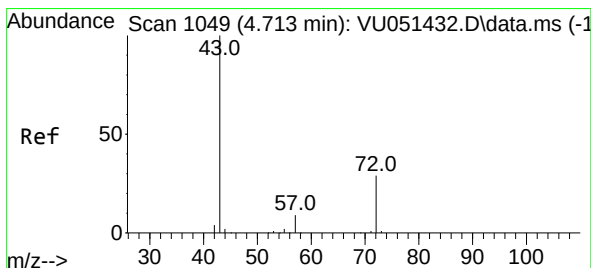
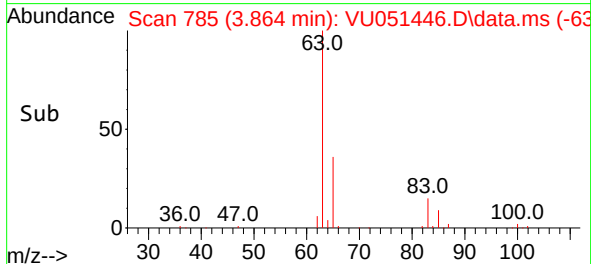
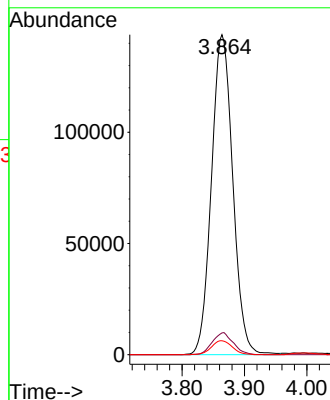
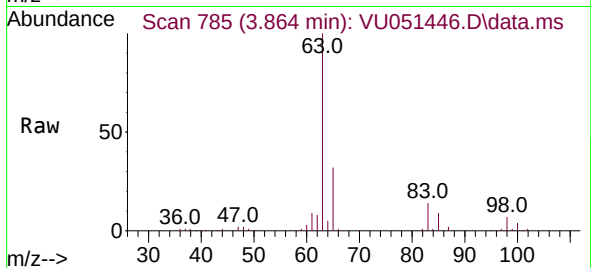




#17
1,1-Dichloroethane
Concen: 9.511 ug/l
RT: 3.864 min Scan# 785
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

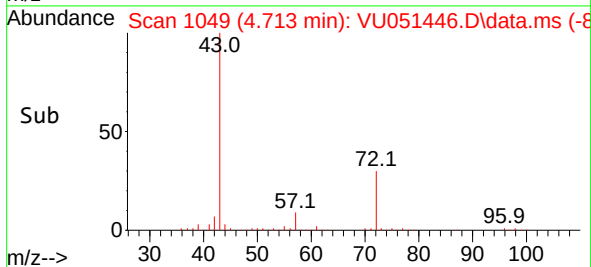
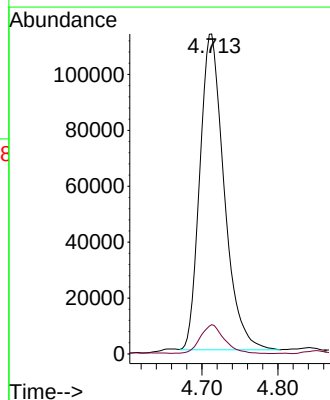
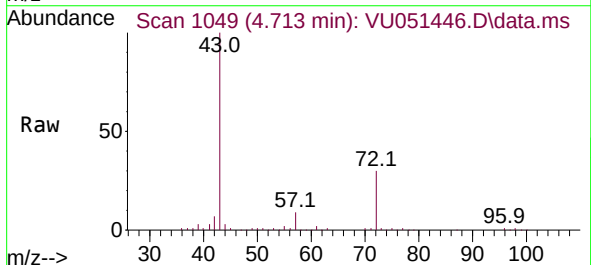
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

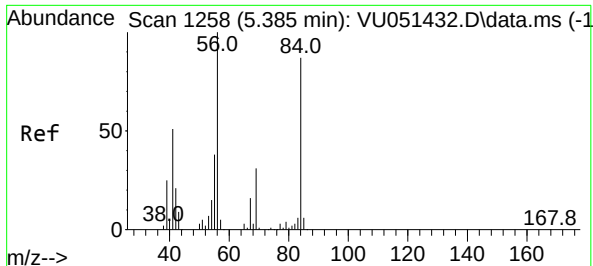
Tgt Ion: 63 Resp: 341946
Ion Ratio Lower Upper
63 100
98 6.8 3.1 9.3
100 4.3 2.1 6.3



#18
2-Butanone
Concen: 55.984 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion: 43 Resp: 251028
Ion Ratio Lower Upper
43 100
57 9.1 0.0 18.2





#19

Cyclohexane

Concen: 9.738 ug/l

RT: 5.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

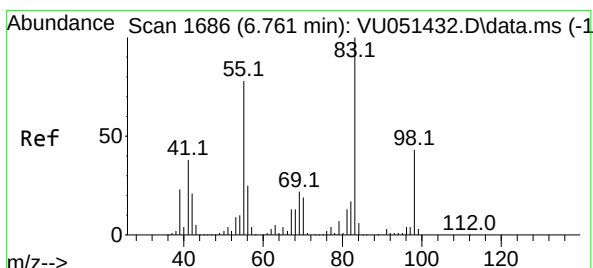
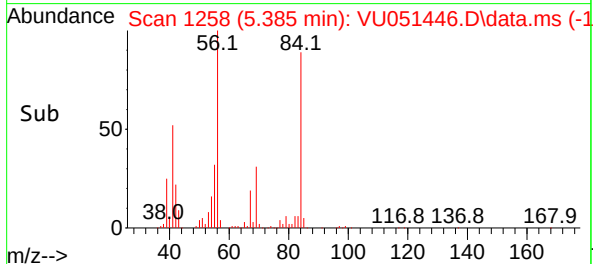
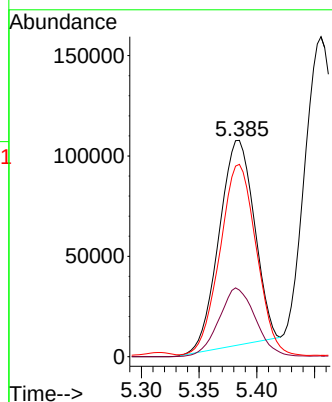
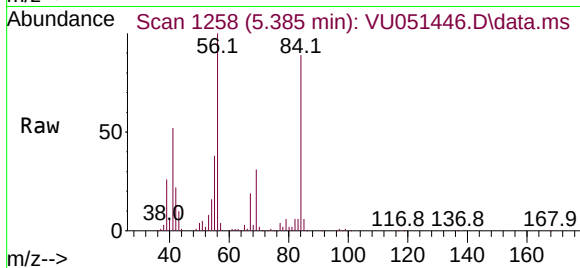
Tgt Ion: 56 Resp: 216966

Ion Ratio Lower Upper

56 100

69 34.5 25.0 37.4

84 96.1 68.5 102.7



#20

Methylcyclohexane

Concen: 9.089 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

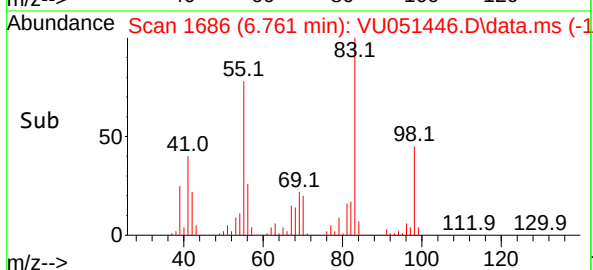
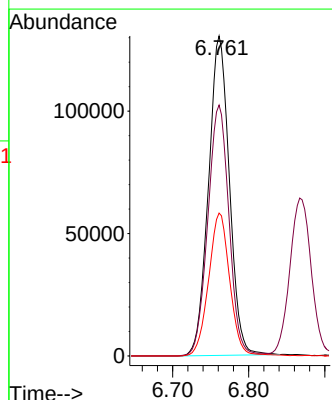
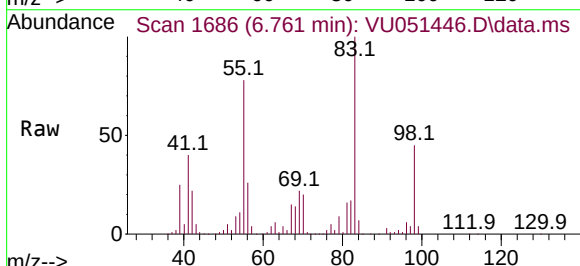
Tgt Ion: 83 Resp: 248987

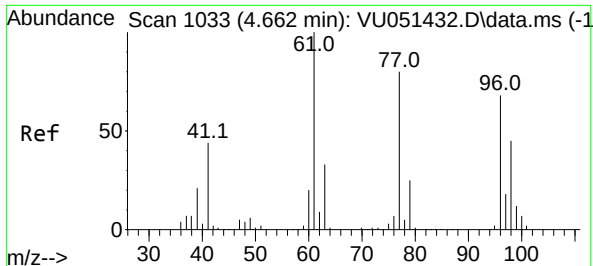
Ion Ratio Lower Upper

83 100

55 78.4 62.4 93.6

98 45.0 35.5 53.3





#21

2,2-Dichloropropane

Concen: 9.613 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

Instrument :

MSVOA_U

ClientSampleId :

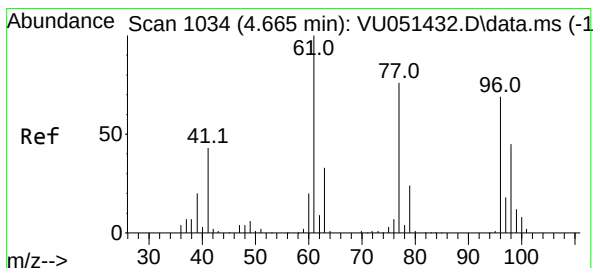
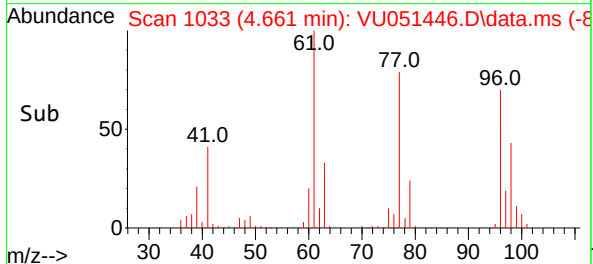
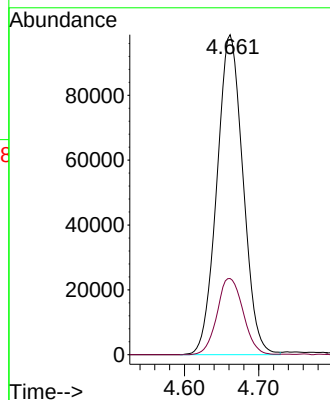
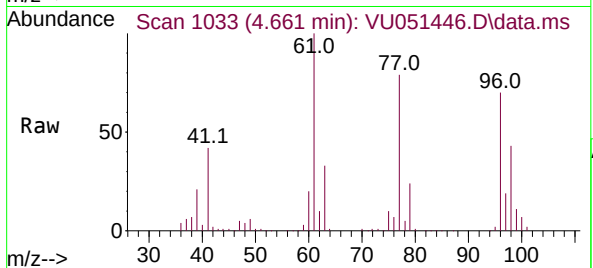
VSTDCCC010EC

Tgt Ion: 77 Resp: 241333

Ion Ratio Lower Upper

77 100

97 23.8 19.0 28.6



#22

cis-1,2-Dichloroethene

Concen: 10.320 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

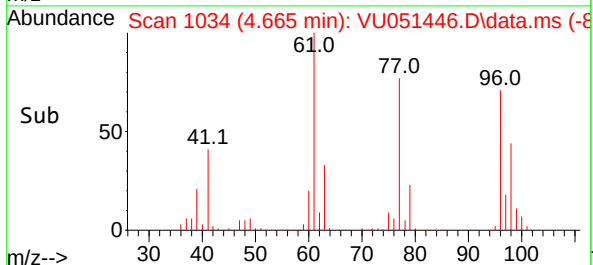
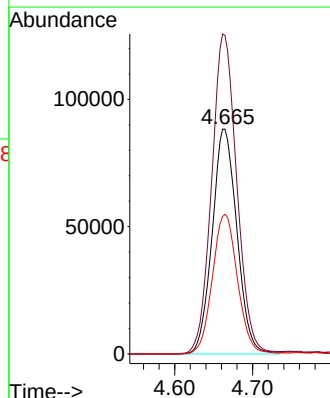
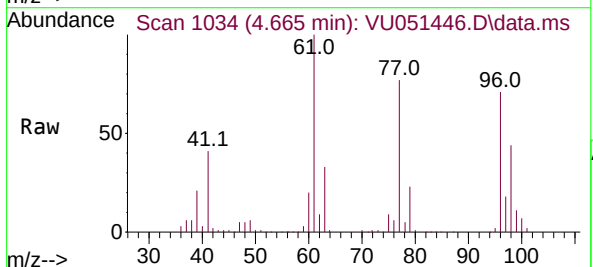
Tgt Ion: 96 Resp: 195254

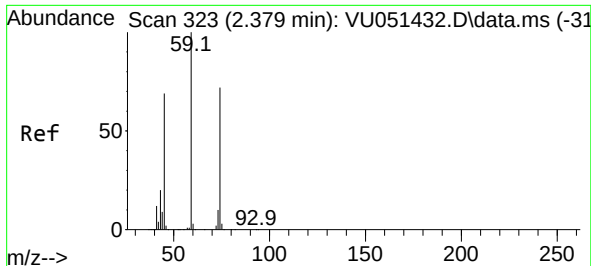
Ion Ratio Lower Upper

96 100

61 144.5 0.0 362.8

98 63.0 32.5 97.5

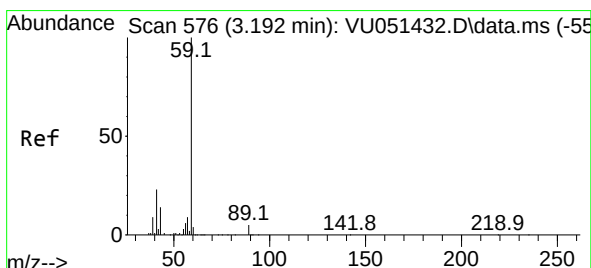
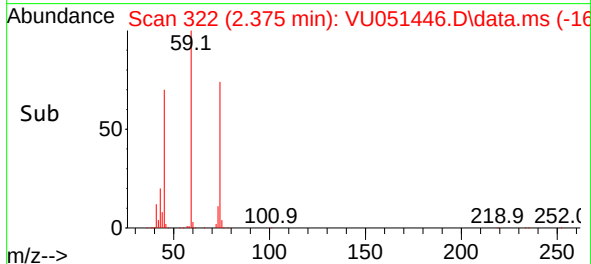
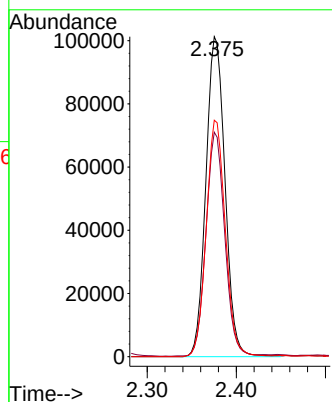
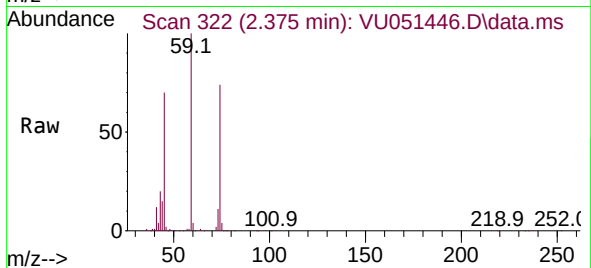




#23
Diethyl Ether
Concen: 9.889 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.004 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

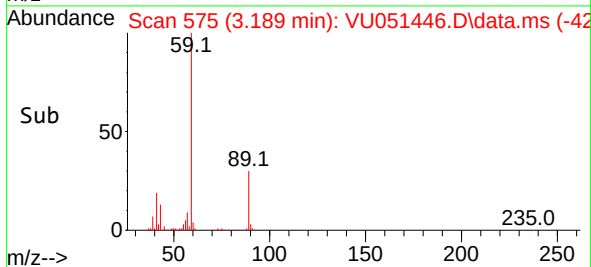
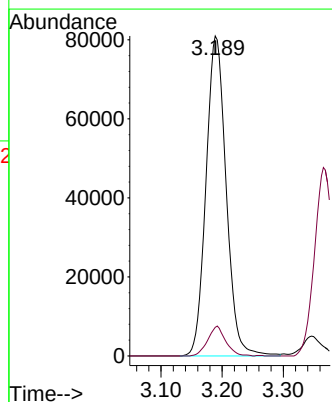
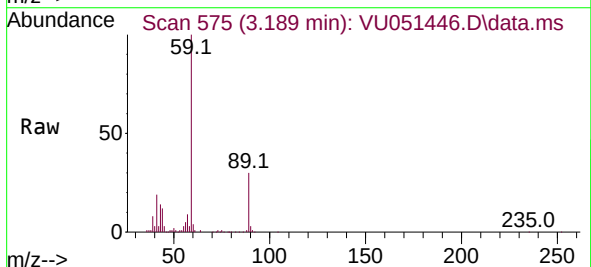
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

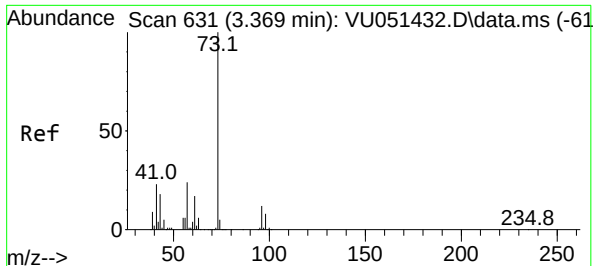
Tgt Ion: 59 Resp: 150586
Ion Ratio Lower Upper
59 100
45 68.8 55.7 83.5
74 73.9 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 116.100 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.003 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion: 59 Resp: 185401
Ion Ratio Lower Upper
59 100
57 8.3 7.8 11.8

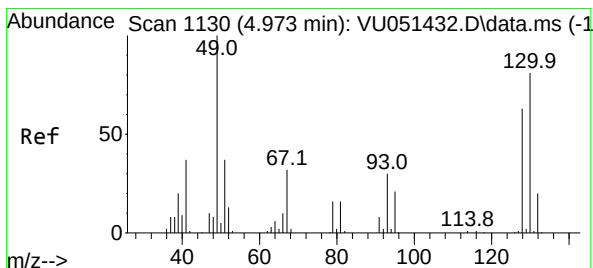
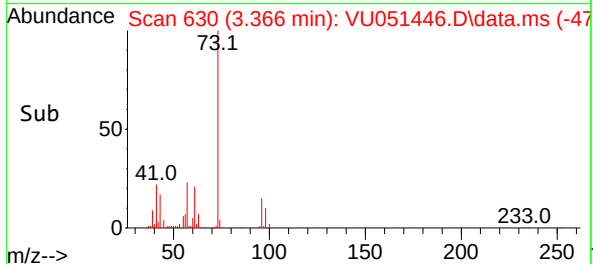
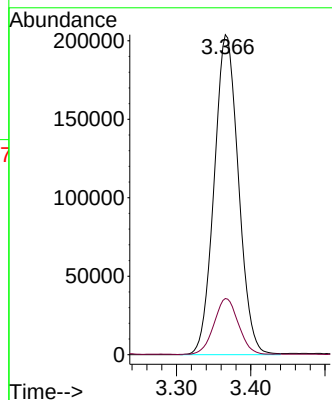
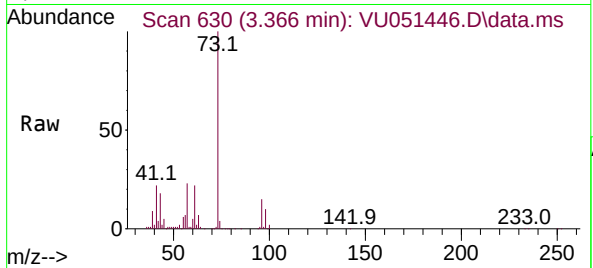




#25
Methyl tert-Butyl Ether
Concen: 10.216 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

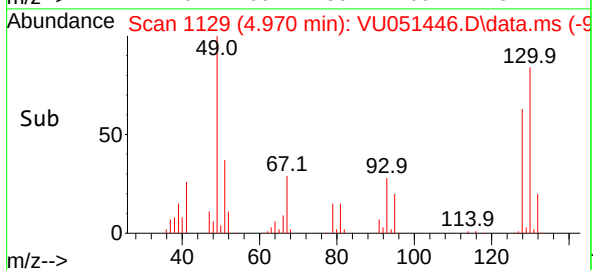
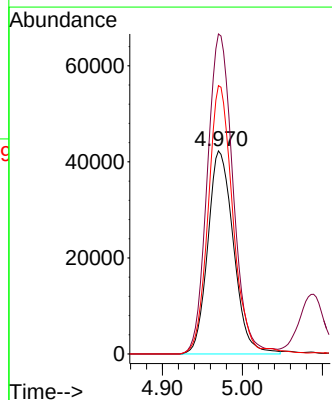
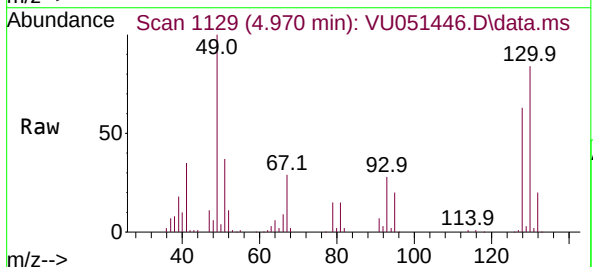
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

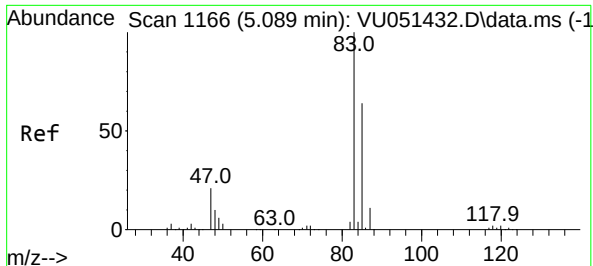
Tgt Ion: 73 Resp: 463397
Ion Ratio Lower Upper
73 100
43 17.6 14.2 21.4



#26
Bromochloromethane
Concen: 10.221 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion: 128 Resp: 94265
Ion Ratio Lower Upper
128 100
49 157.7 0.0 320.4
130 128.3 105.0 157.6





#27

Chloroform

Concen: 9.770 ug/l

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

Instrument :

MSVOA_U

ClientSampleId :

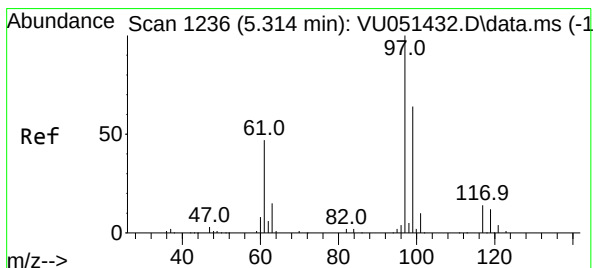
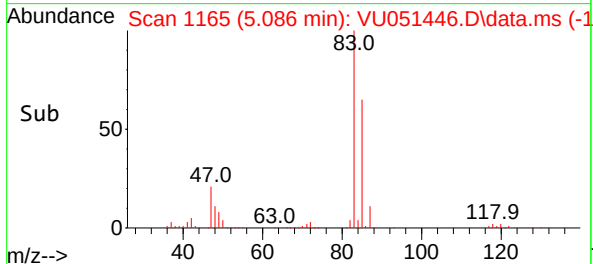
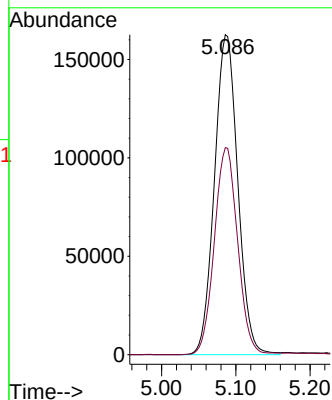
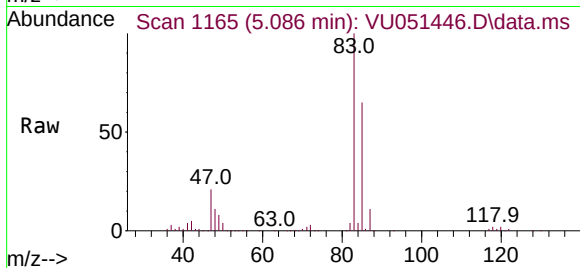
VSTDCCC010EC

Tgt Ion: 83 Resp: 355751

Ion Ratio Lower Upper

83 100

85 64.7 0.0 128.8



#28

1,1,1-Trichloroethane

Concen: 9.643 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.003 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

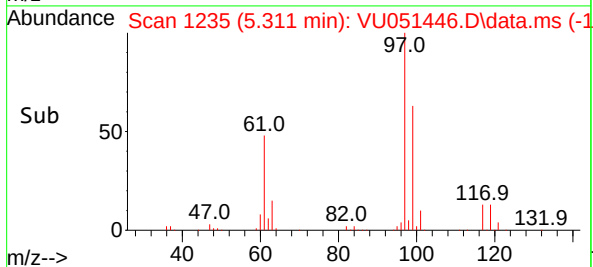
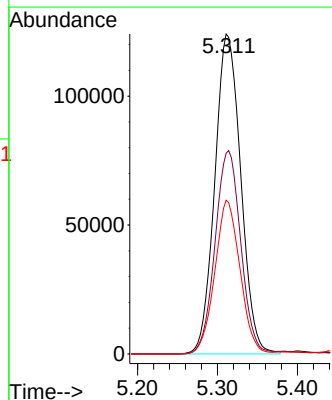
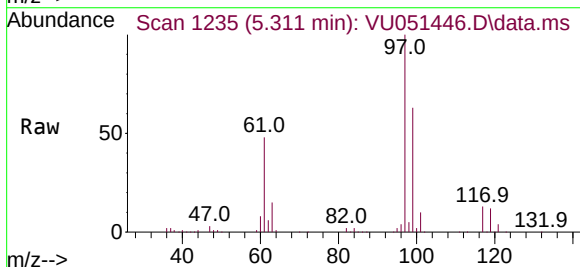
Tgt Ion: 97 Resp: 280262

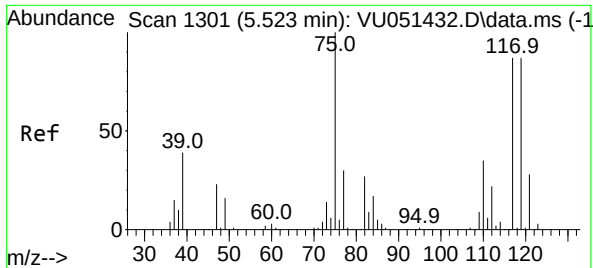
Ion Ratio Lower Upper

97 100

99 62.9 31.8 95.4

61 46.6 23.6 71.0





#29

1,1-Dichloropropene

Concen: 10.606 ug/l

RT: 5.523 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

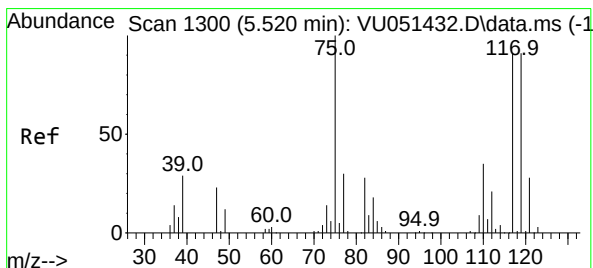
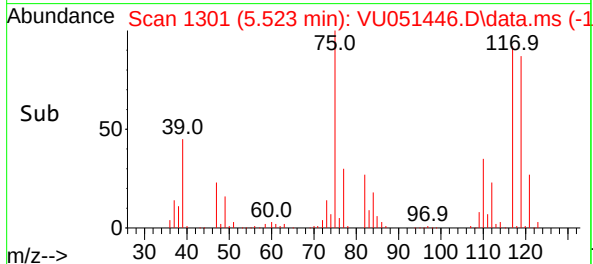
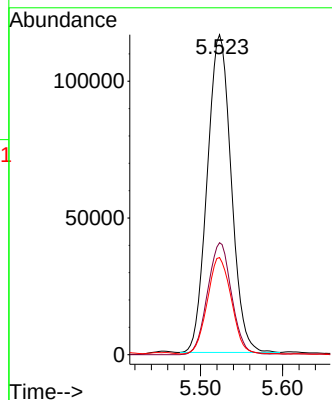
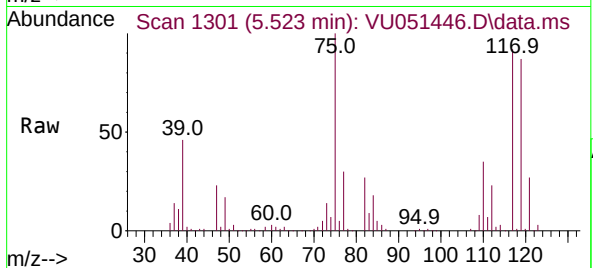
Tgt Ion: 75 Resp: 236080

Ion Ratio Lower Upper

75 100

110 35.4 17.8 53.3

77 30.4 24.2 36.4



#30

Carbon Tetrachloride

Concen: 9.716 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

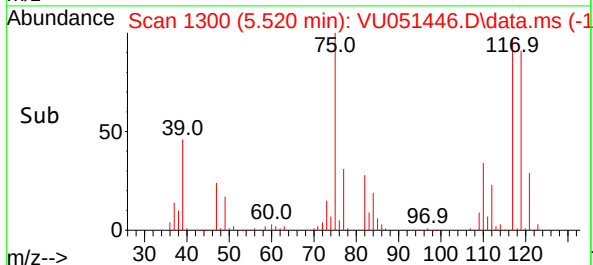
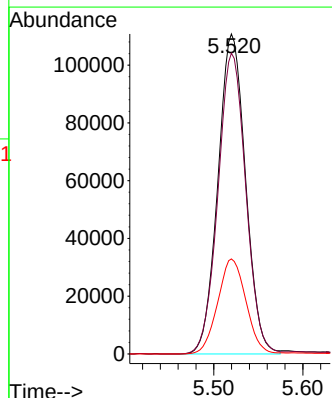
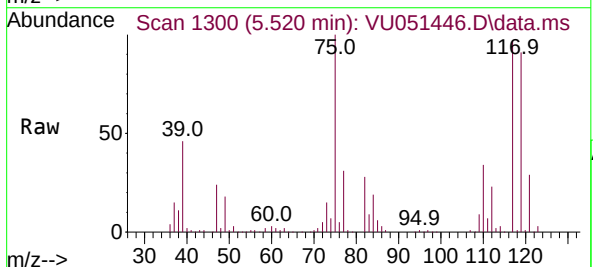
Tgt Ion: 117 Resp: 238261

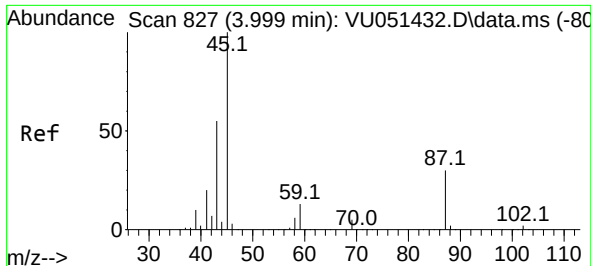
Ion Ratio Lower Upper

117 100

119 94.0 80.0 120.0

121 29.7 24.9 37.3

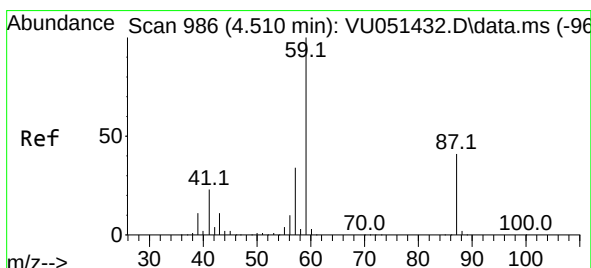
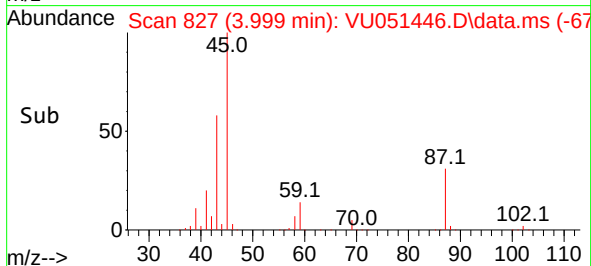
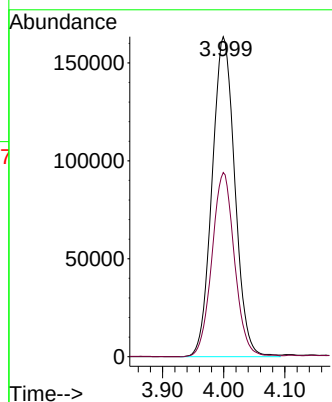
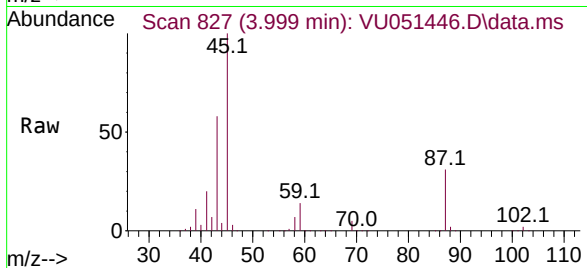




#31
Isopropyl Ether
Concen: 9.928 ug/l
RT: 3.999 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

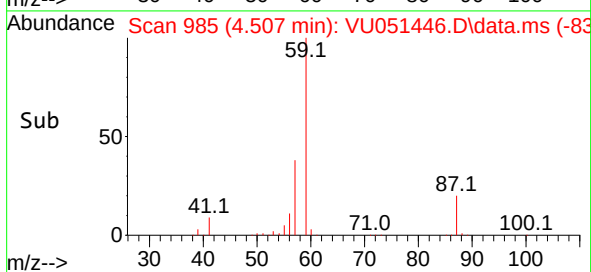
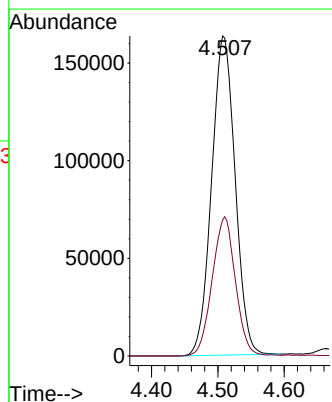
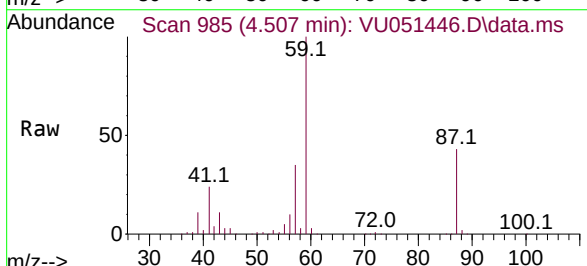
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

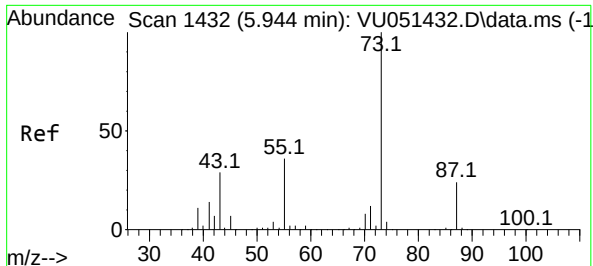
Tgt Ion: 45 Resp: 422207
Ion Ratio Lower Upper
45 100
43 57.0 27.6 82.7



#32
Ethyl-t-butyl ether
Concen: 10.360 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.003 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion: 59 Resp: 402304
Ion Ratio Lower Upper
59 100
87 42.8 33.8 50.8

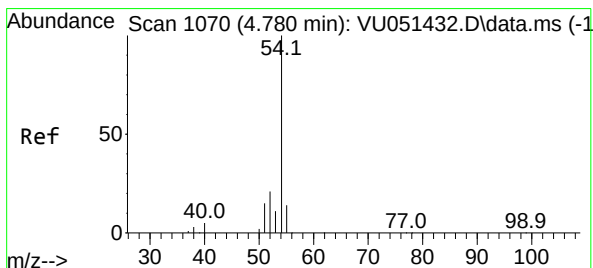
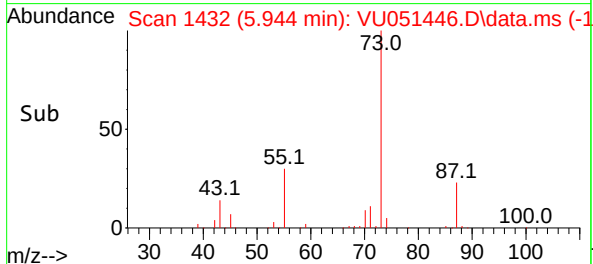
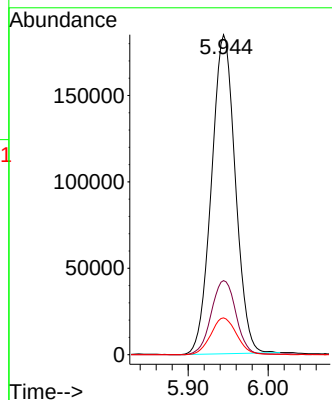
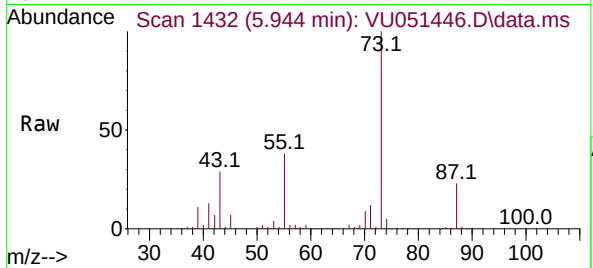




#33
Tert-Amyl methyl ether
Concen: 11.201 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

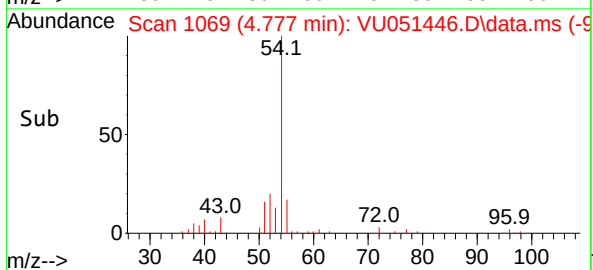
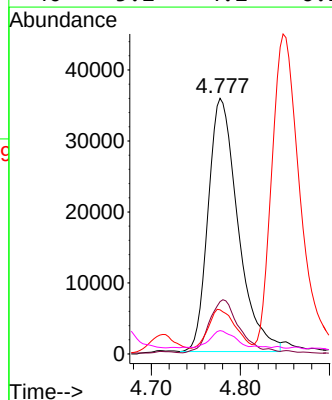
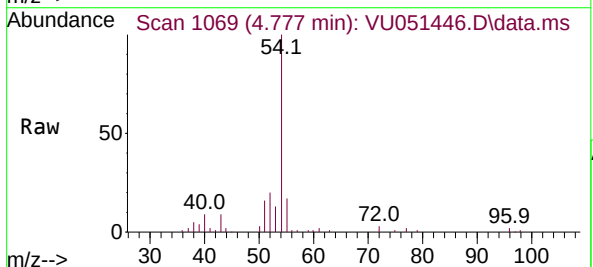
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

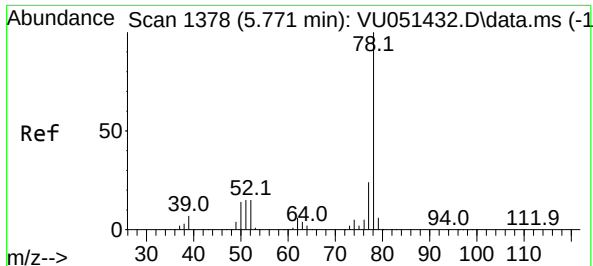
Tgt Ion: 73 Resp: 382186
Ion Ratio Lower Upper
73 100
87 23.9 18.9 28.3
71 12.6 9.4 14.2



#34
Propionitrile
Concen: 55.048 ug/l
RT: 4.777 min Scan# 1069
Delta R.T. -0.003 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion: 54 Resp: 82984
Ion Ratio Lower Upper
54 100
52 21.2 16.4 24.6
55 15.0 11.5 17.3
40 5.2 4.2 6.2

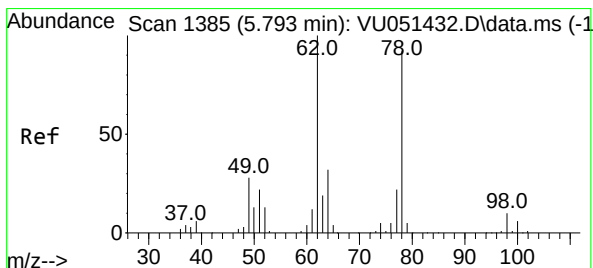
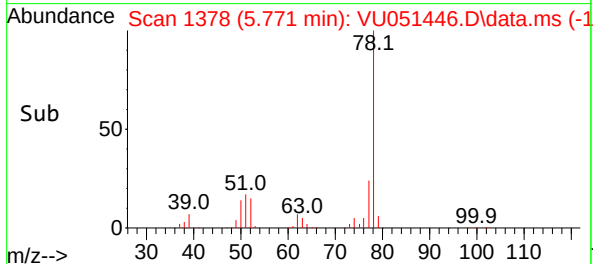
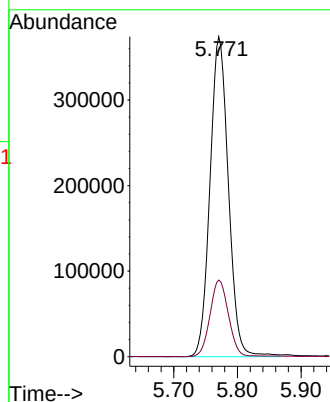
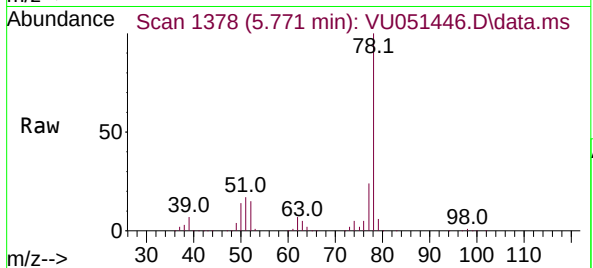




#35
Benzene
Concen: 10.059 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

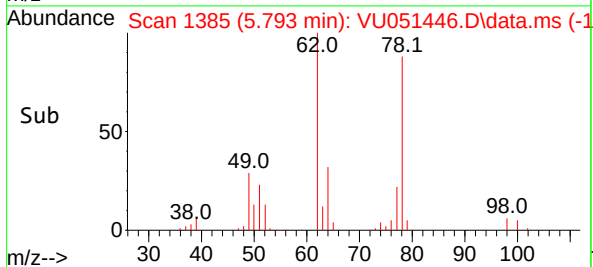
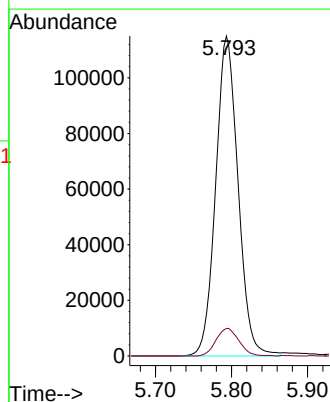
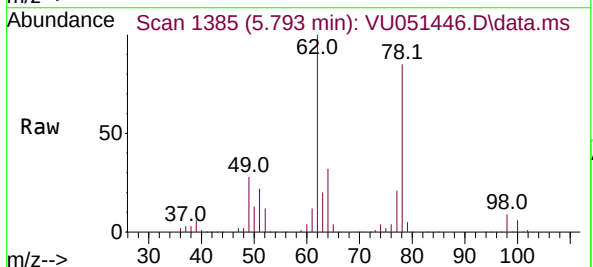
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

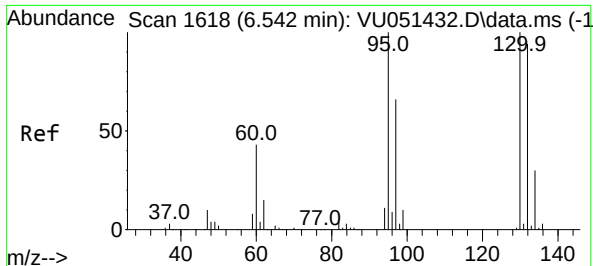
Tgt Ion: 78 Resp: 751387
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6



#36
1,2-Dichloroethane
Concen: 10.188 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion: 62 Resp: 234785
Ion Ratio Lower Upper
62 100
98 8.9 7.4 11.2





#37

Trichloroethene

Concen: 9.926 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. -0.003 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

Instrument :

MSVOA_U

ClientSampleId :

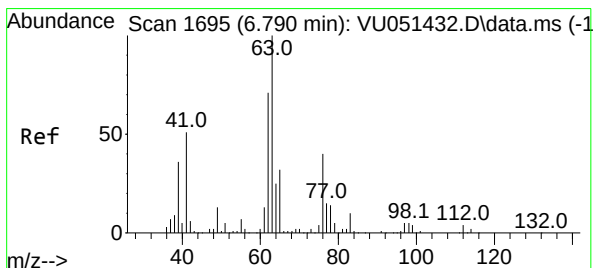
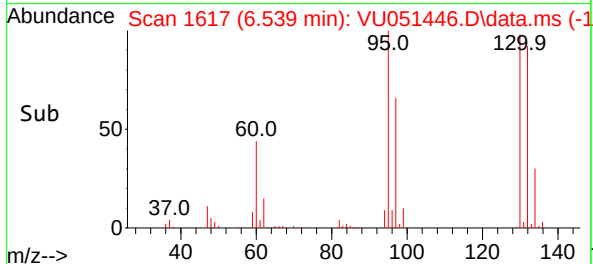
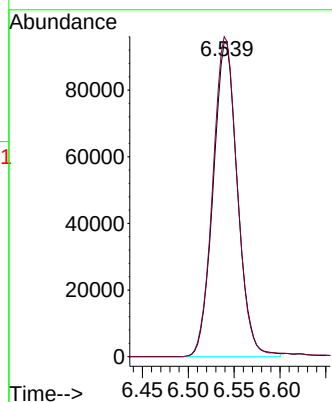
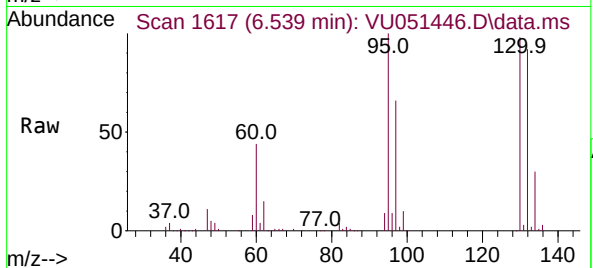
VSTDCCC010EC

Tgt Ion:130 Resp: 174034

Ion Ratio Lower Upper

130 100

95 101.7 80.2 120.4



#38

1,2-Dichloropropane

Concen: 10.045 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU051446.D

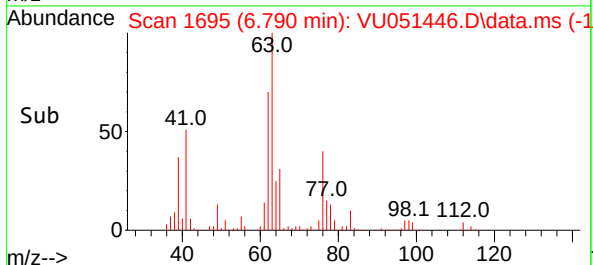
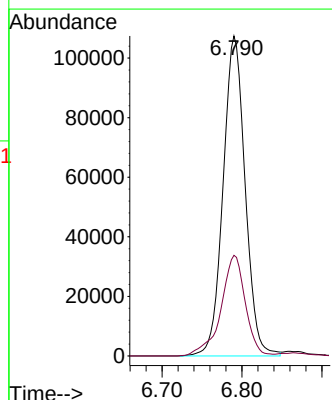
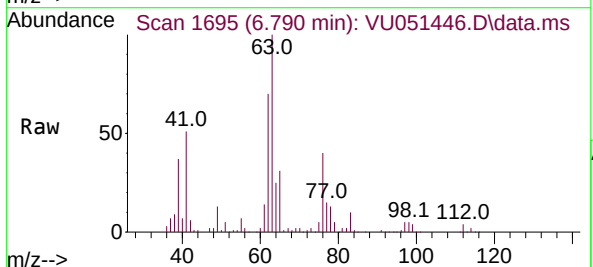
Acq: 18 Oct 2022 18:15

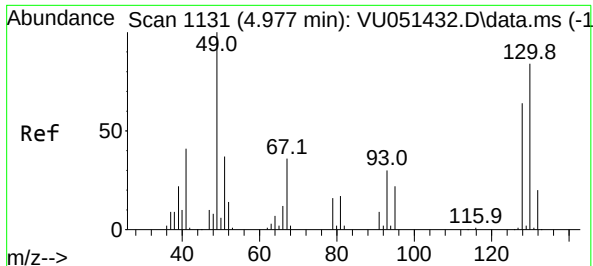
Tgt Ion: 63 Resp: 205856

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.2





#39

Methacrylonitrile

Concen: 11.215 ug/l

RT: 4.976 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 57781

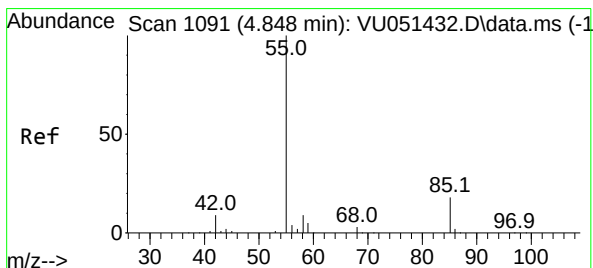
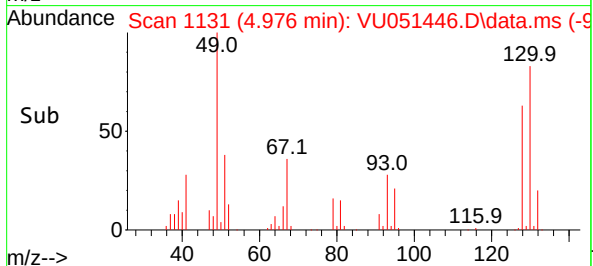
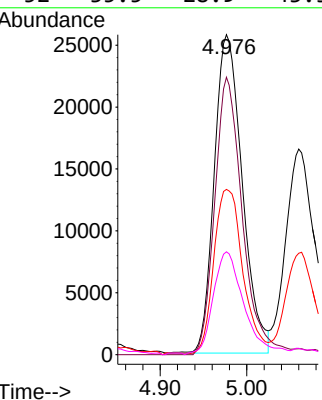
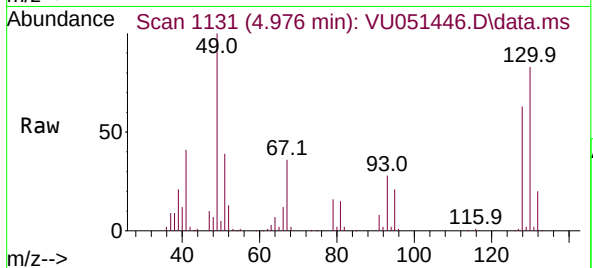
Ion Ratio Lower Upper

41 100

67 86.1 69.6 104.4

39 53.0 42.2 63.4

52 35.5 28.9 43.3



#40

Methyl acrylate

Concen: 11.652 ug/l

RT: 4.848 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

Tgt Ion: 55 Resp: 95727

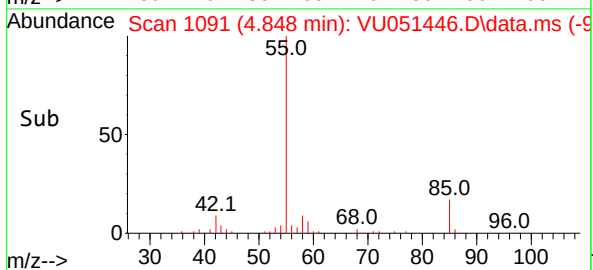
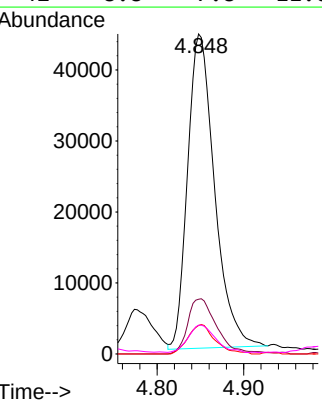
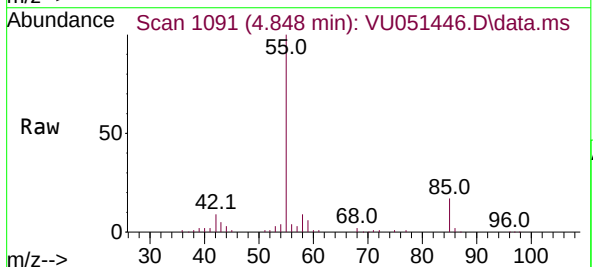
Ion Ratio Lower Upper

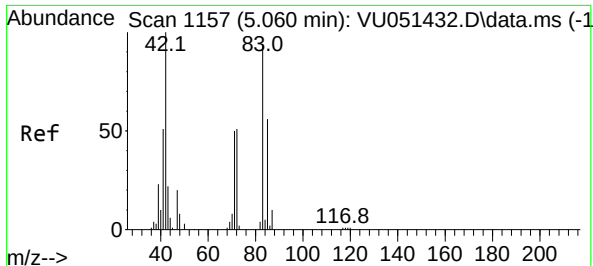
55 100

85 19.0 15.0 22.6

58 9.3 7.5 11.3

42 8.8 7.8 11.6





#41

Tetrahydrofuran

Concen: 21.984 ug/l

RT: 5.060 min Scan# 1157

Delta R.T. -0.000 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

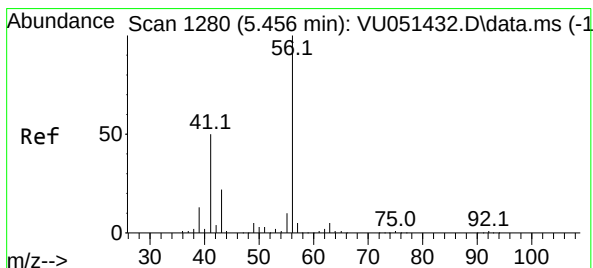
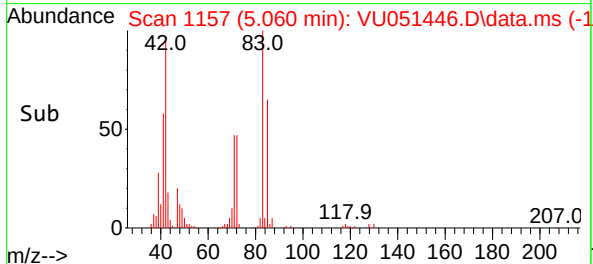
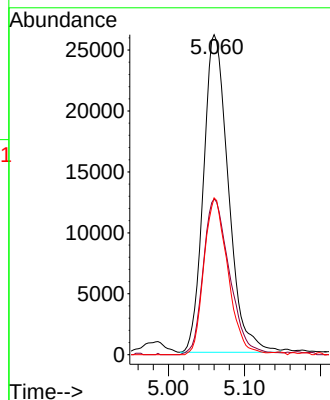
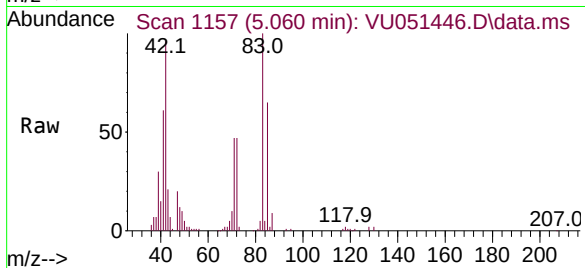
Tgt Ion: 42 Resp: 59475

Ion Ratio Lower Upper

42 100

72 51.8 42.6 64.0

71 47.5 38.3 57.5



#42

1-Chlorobutane

Concen: 10.639 ug/l

RT: 5.456 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VU051446.D

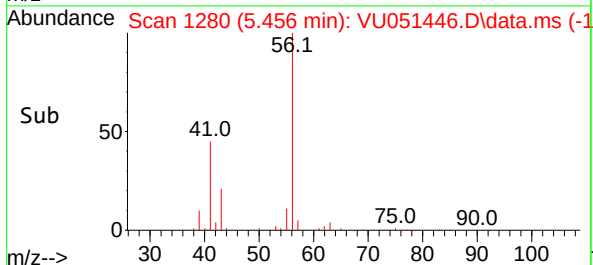
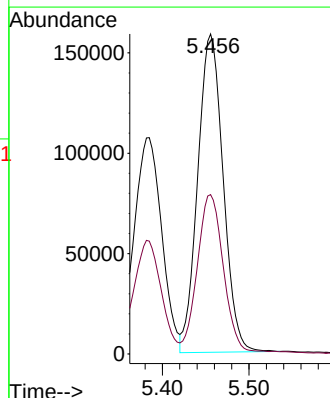
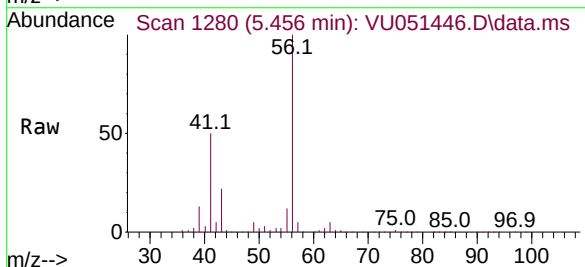
Acq: 18 Oct 2022 18:15

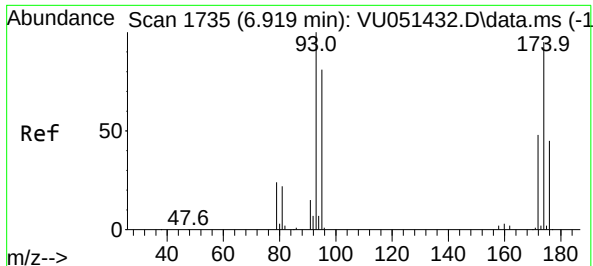
Tgt Ion: 56 Resp: 323235

Ion Ratio Lower Upper

56 100

41 51.7 24.8 74.4

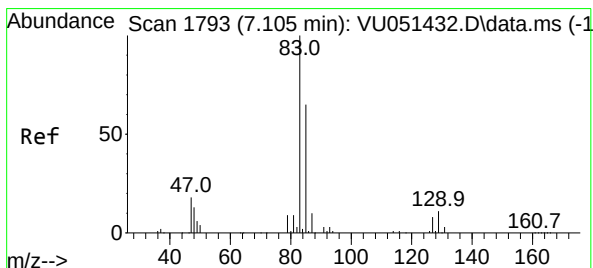
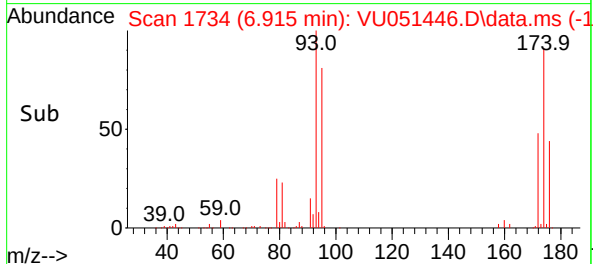
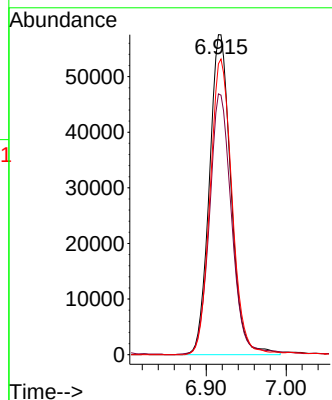
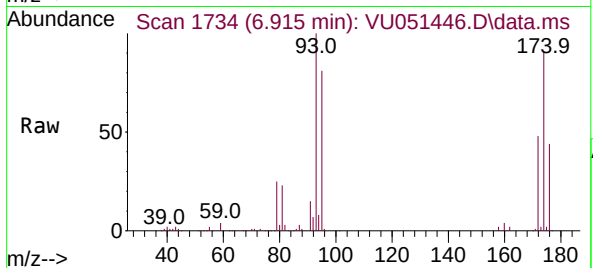




#43
Dibromomethane
Concen: 10.176 ug/l
RT: 6.915 min Scan# 1735
Delta R.T. -0.003 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

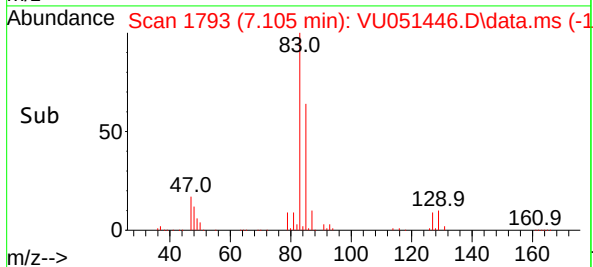
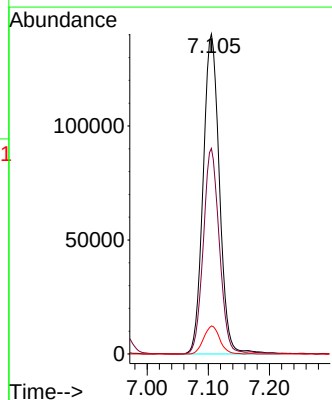
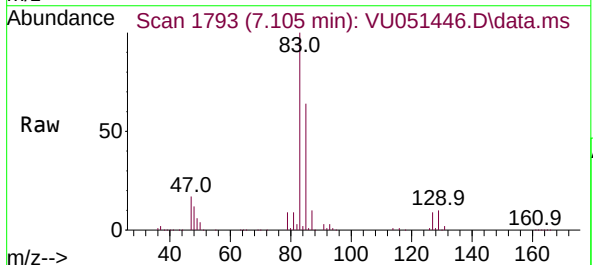
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

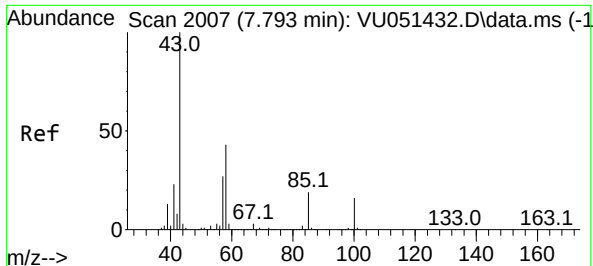
Tgt Ion: 93 Resp: 108223
Ion Ratio Lower Upper
93 100
95 83.7 66.7 100.1
174 93.5 75.5 113.3



#44
Bromodichloromethane
Concen: 10.080 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion: 83 Resp: 259435
Ion Ratio Lower Upper
83 100
85 64.3 52.1 78.1
127 8.7 6.8 10.2





#45

4-Methyl-2-Pentanone

Concen: 60.421 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

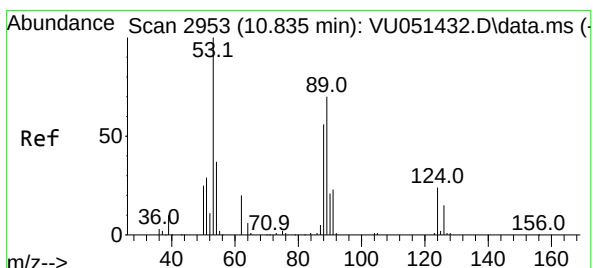
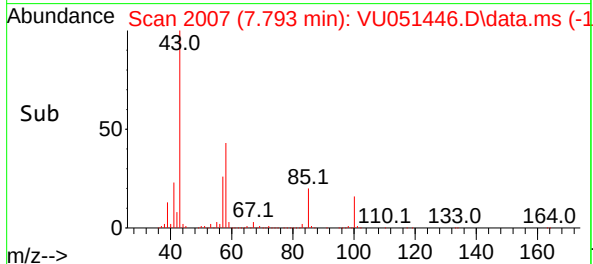
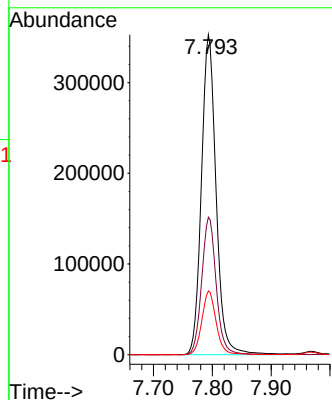
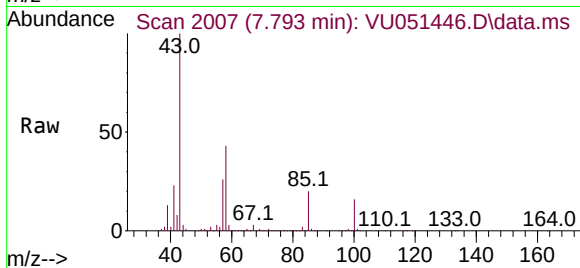
Tgt Ion: 43 Resp: 611717

Ion Ratio Lower Upper

43 100

58 42.4 21.4 64.3

85 19.4 15.4 23.0



#46

t-1,4-Dichloro-2-butene

Concen: 46.916 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. -0.010 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

Tgt Ion: 75 Resp: 265102

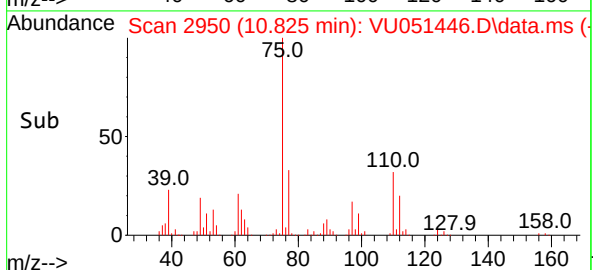
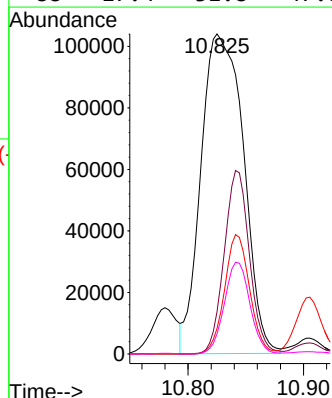
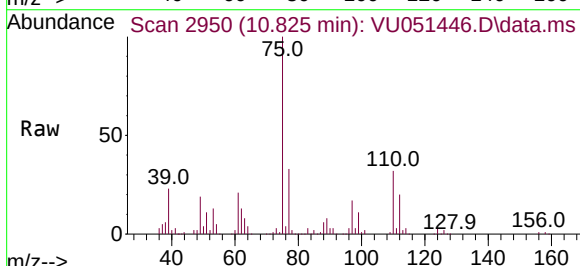
Ion Ratio Lower Upper

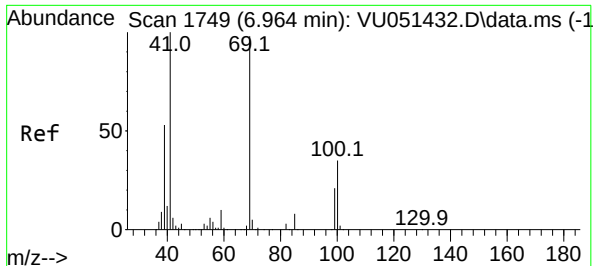
75 100

53 34.4 61.1 91.7#

89 22.2 41.0 61.6#

88 17.4 31.8 47.8#





#47

Methyl methacrylate

Concen: 19.998 ug/l

RT: 6.960 min Scan# 1

Delta R.T. -0.004 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 69 Resp: 200663

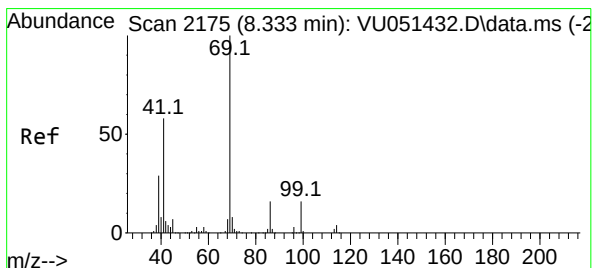
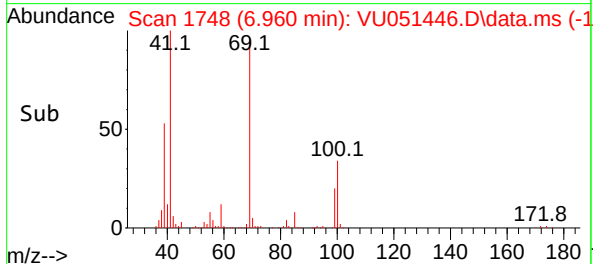
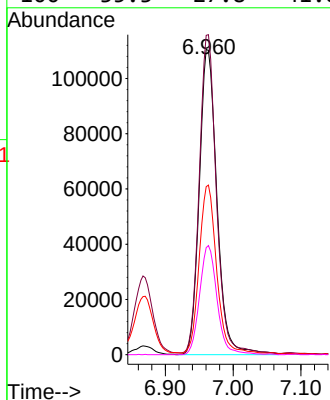
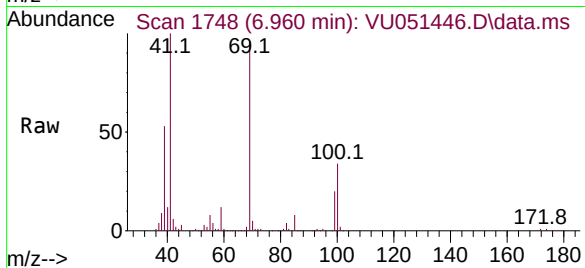
Ion Ratio Lower Upper

69 100

41 100.8 0.0 200.8

39 53.6 44.1 66.1

100 35.3 27.8 41.8



#48

Ethyl methacrylate

Concen: 9.434 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. 0.000 min

Lab File: VU051446.D

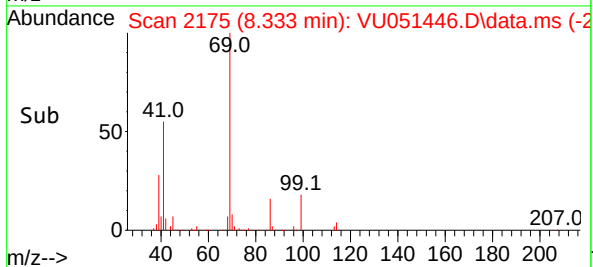
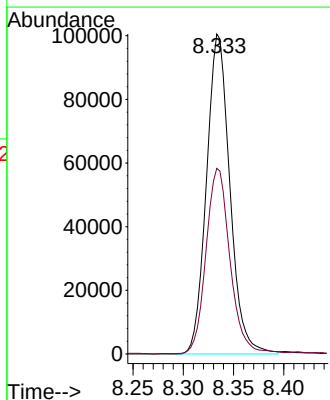
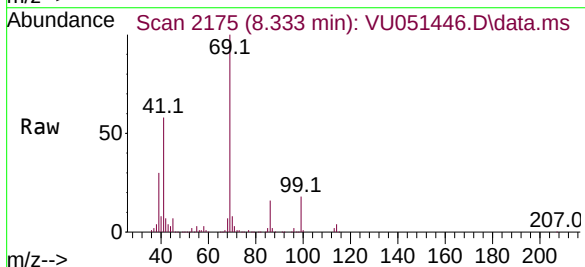
Acq: 18 Oct 2022 18:15

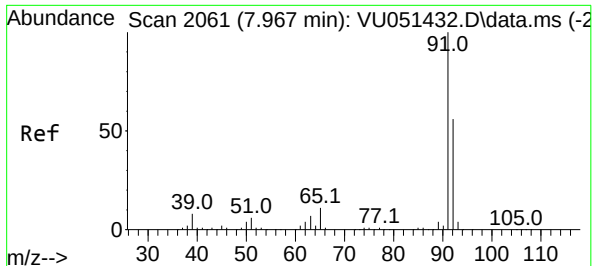
Tgt Ion: 69 Resp: 162851

Ion Ratio Lower Upper

69 100

41 59.3 28.8 86.5

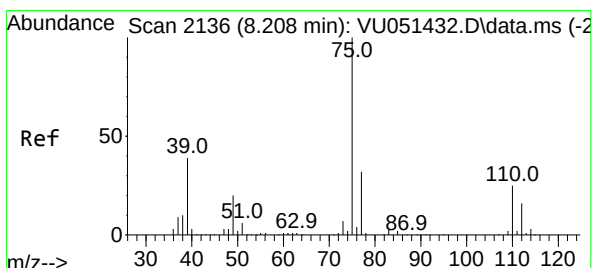
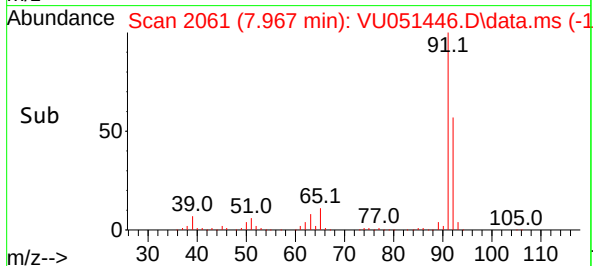
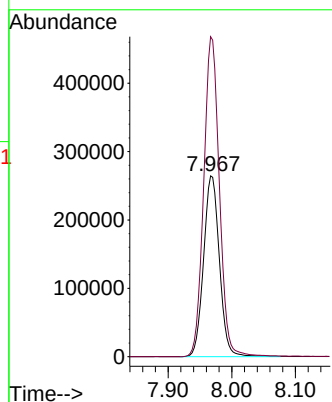
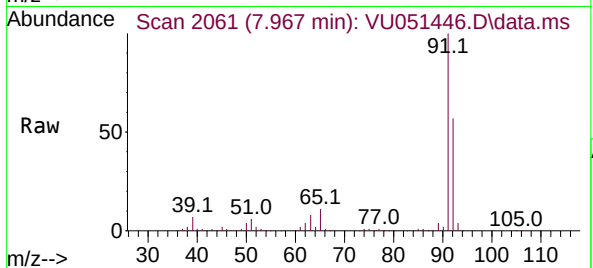




#49
Toluene
Concen: 11.164 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

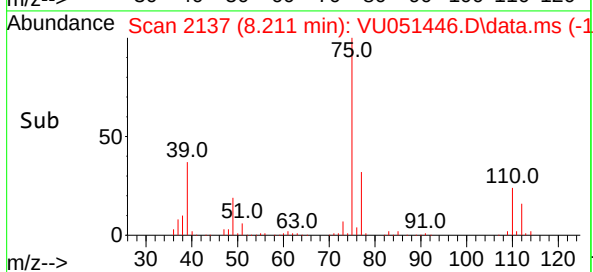
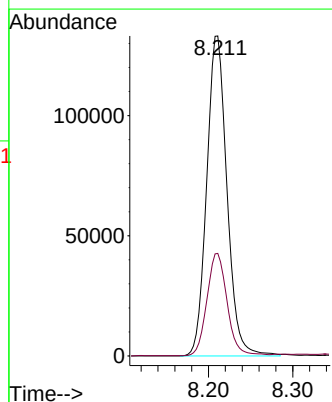
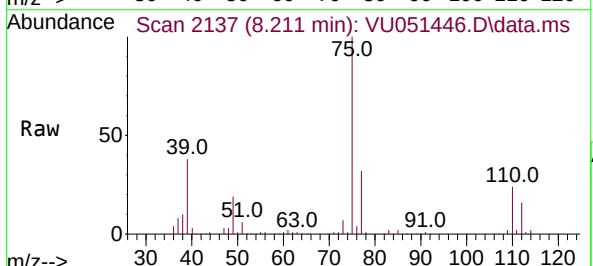
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

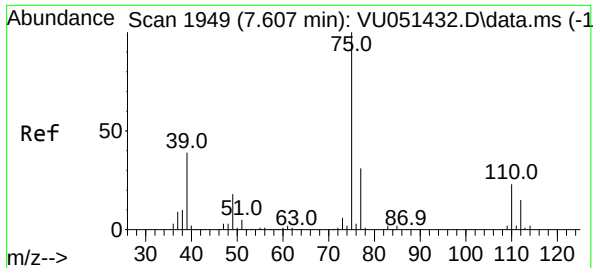
Tgt Ion: 92 Resp: 457315
Ion Ratio Lower Upper
92 100
91 175.8 141.8 212.6



#50
t-1,3-Dichloropropene
Concen: 10.782 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion: 75 Resp: 223191
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.6

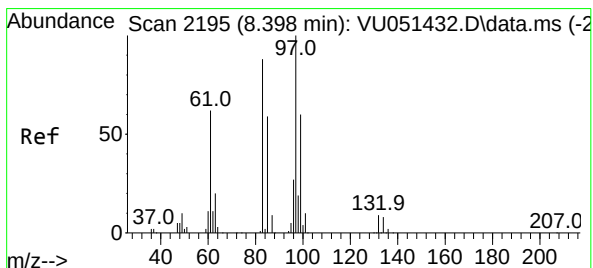
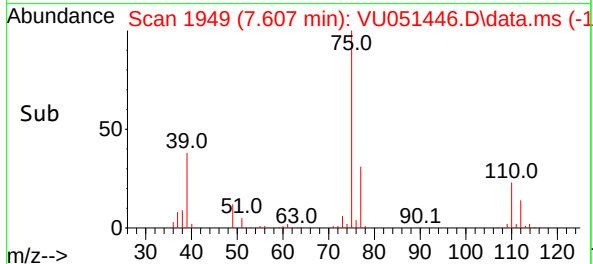
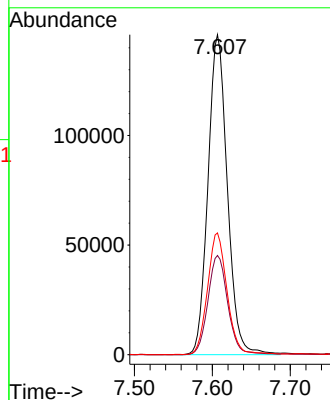
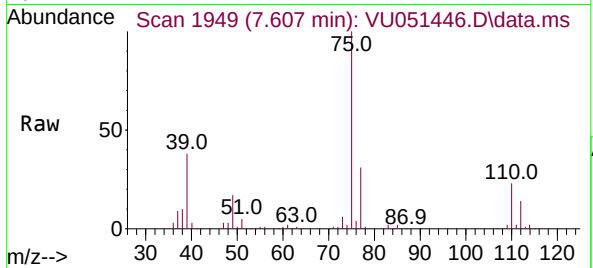




#51
 cis-1,3-Dichloropropene
 Concen: 10.334 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VU051446.D
 Acq: 18 Oct 2022 18:15

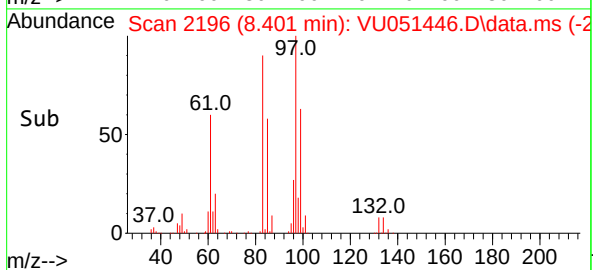
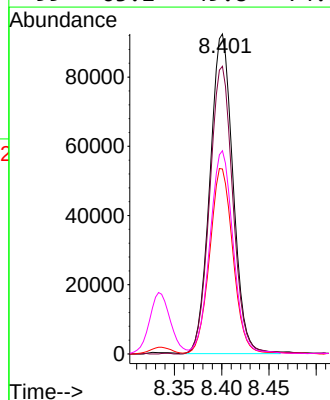
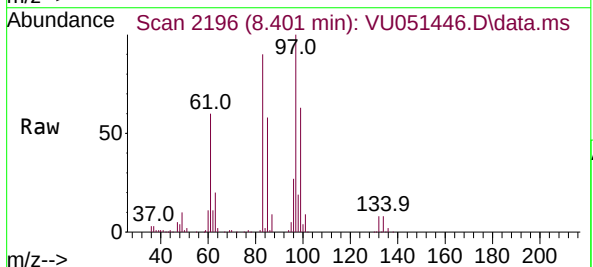
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

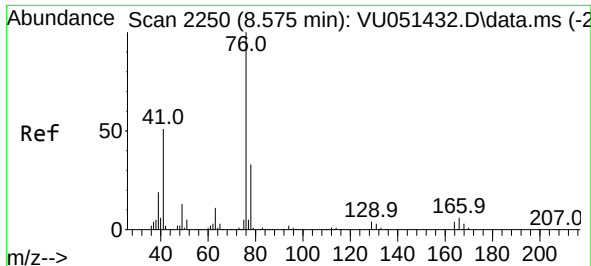
Tgt Ion: 75 Resp: 252175
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.1 37.7
 39 38.0 31.4 47.0



#52
 1,1,2-Trichloroethane
 Concen: 10.332 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.003 min
 Lab File: VU051446.D
 Acq: 18 Oct 2022 18:15

Tgt Ion: 97 Resp: 156904
 Ion Ratio Lower Upper
 97 100
 83 90.0 70.6 105.8
 85 57.5 47.0 70.4
 99 63.2 49.8 74.8





#53

1,3-Dichloropropane

Concen: 10.706 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

Instrument :

MSVOA_U

ClientSampleId :

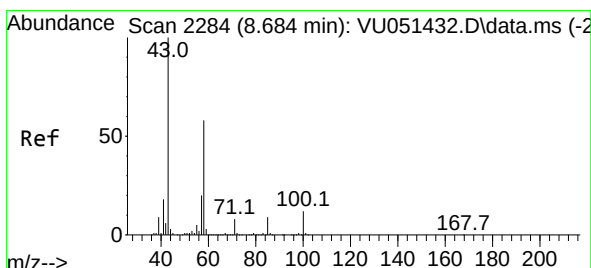
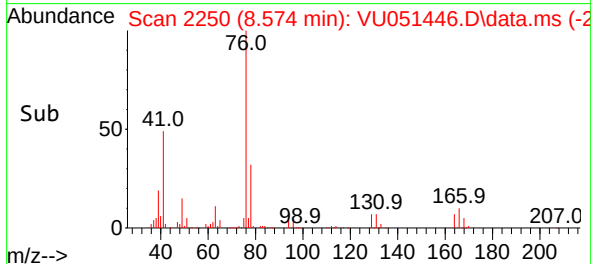
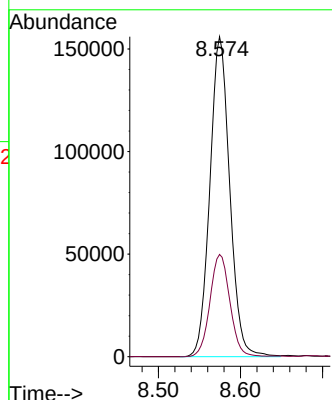
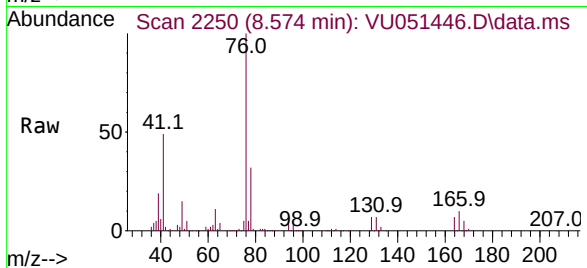
VSTDCCC010EC

Tgt Ion: 76 Resp: 262035

Ion Ratio Lower Upper

76 100

78 32.0 26.4 39.6



#54

2-Hexanone

Concen: 50.410 ug/l

RT: 8.684 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

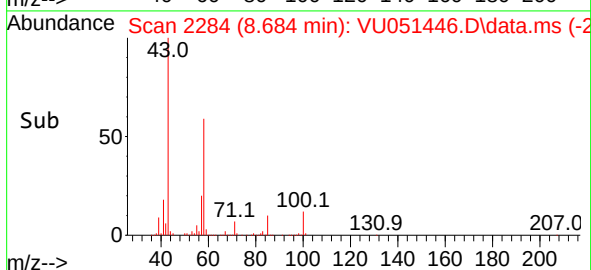
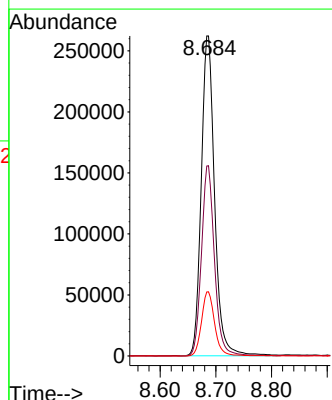
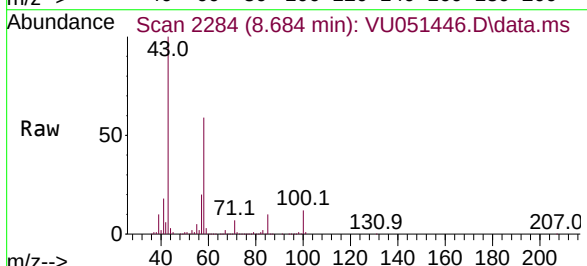
Tgt Ion: 43 Resp: 436888

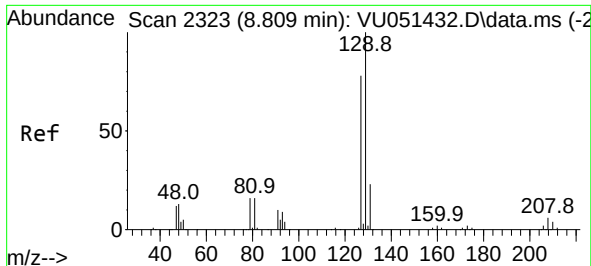
Ion Ratio Lower Upper

43 100

58 58.3 38.0 78.0

57 19.8 0.0 39.9

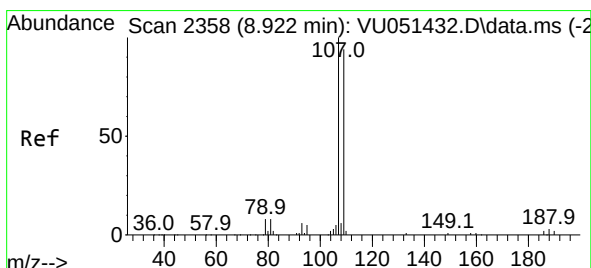
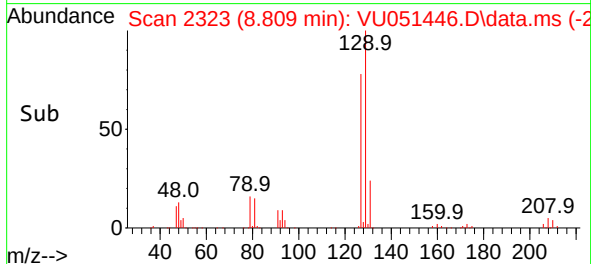
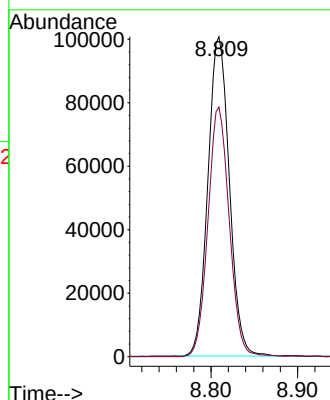
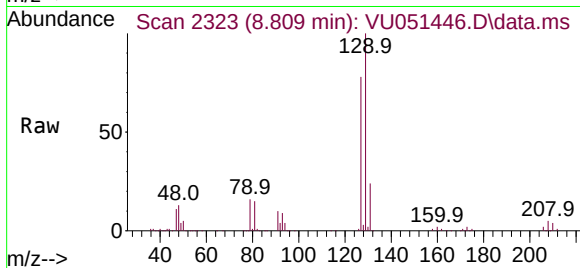




#55
Dibromochloromethane
Concen: 10.467 ug/l
RT: 8.809 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

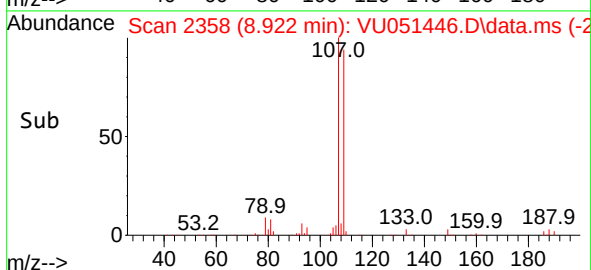
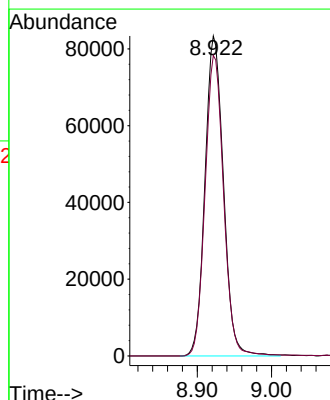
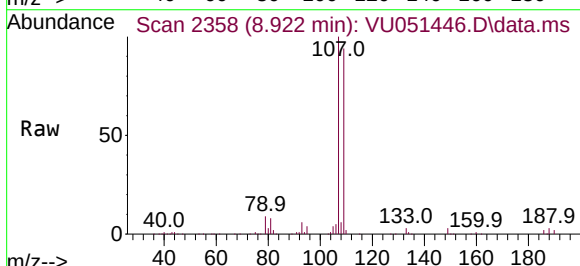
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

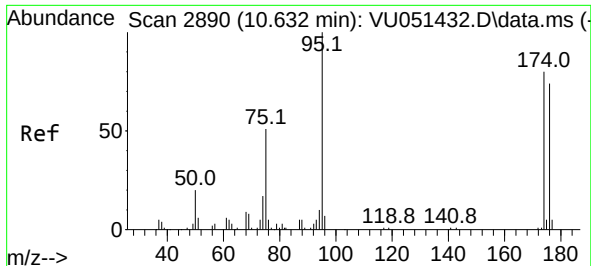
Tgt Ion:129 Resp: 172859
Ion Ratio Lower Upper
129 100
127 77.8 62.1 93.1



#56
1,2-Dibromoethane
Concen: 10.765 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion:107 Resp: 143739
Ion Ratio Lower Upper
107 100
109 94.3 0.0 190.6

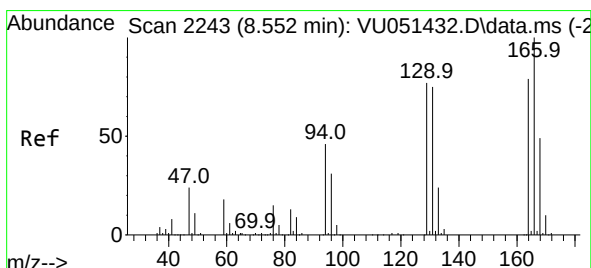
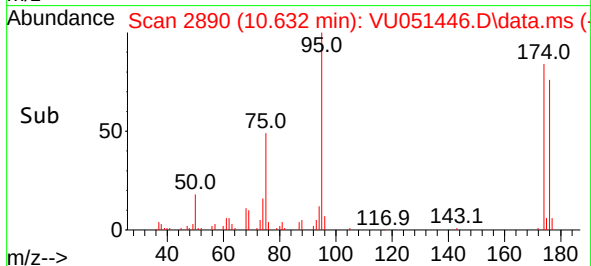
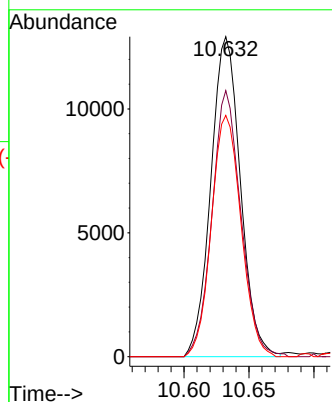
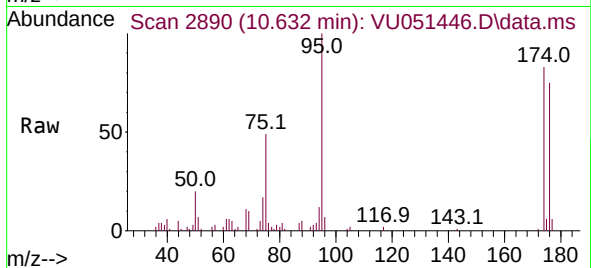




#57
4-Bromofluorobenzene
Concen: 1.026 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

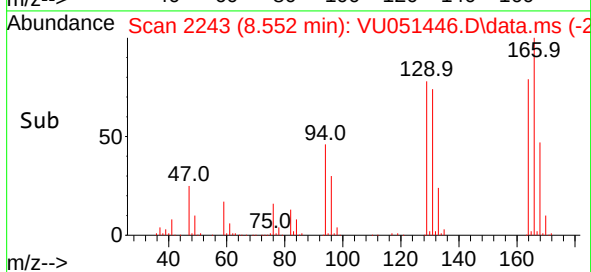
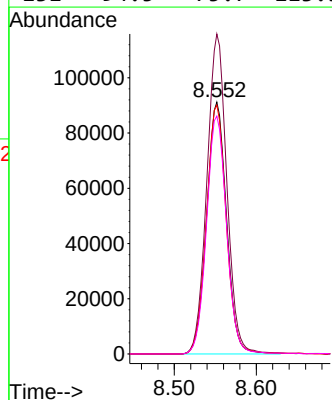
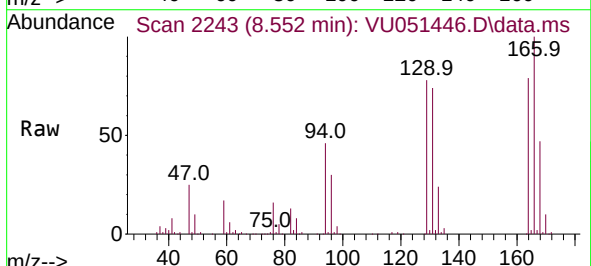
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

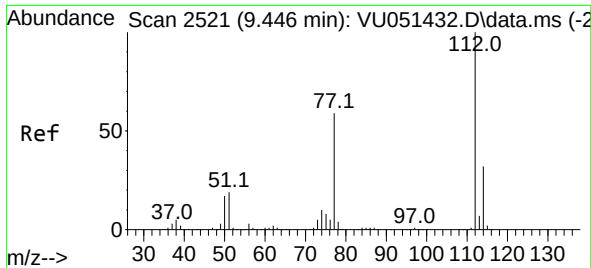
Tgt Ion: 95 Resp: 20446
Ion Ratio Lower Upper
95 100
174 81.0 63.0 94.6
176 75.4 59.8 89.6



#58
Tetrachloroethene
Concen: 10.094 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion: 164 Resp: 154216
Ion Ratio Lower Upper
164 100
166 127.0 100.9 151.3
129 98.7 77.5 116.3
131 94.5 75.7 113.5

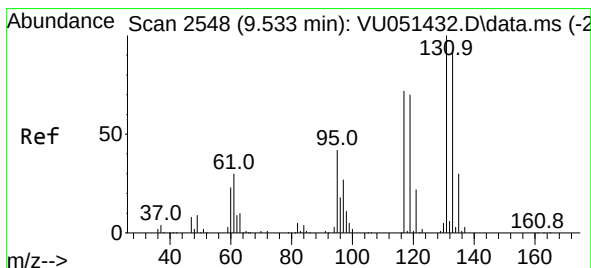
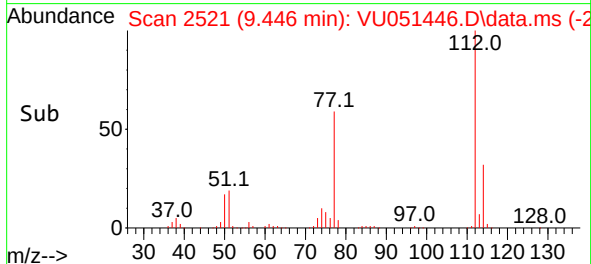
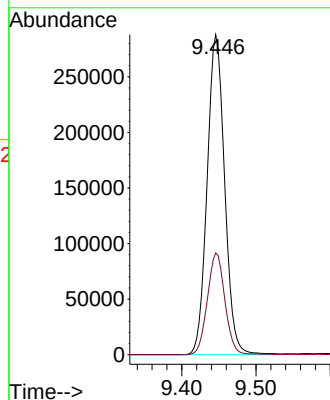
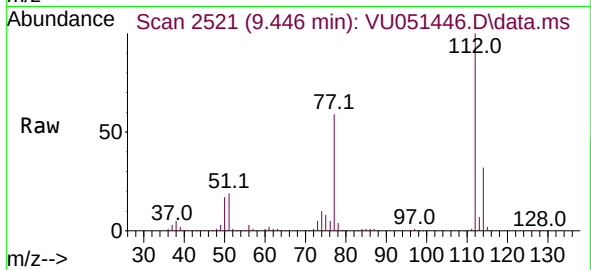




#59
Chlorobenzene
Concen: 10.482 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

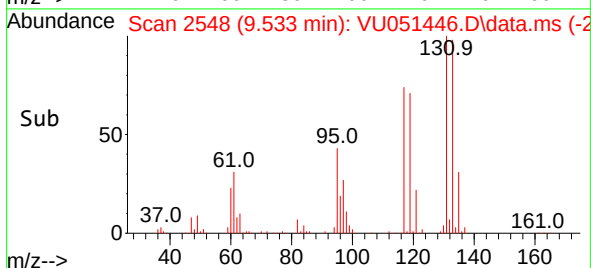
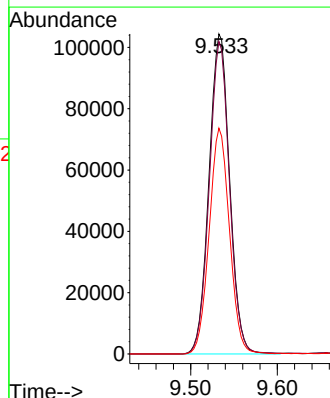
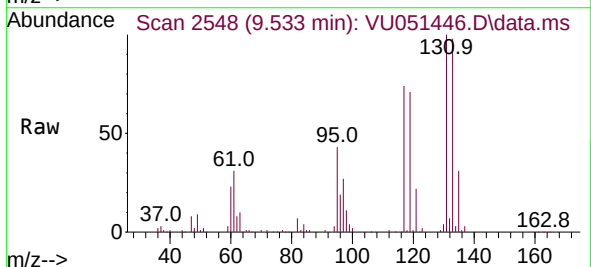
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

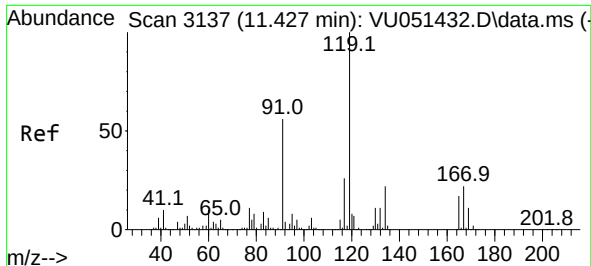
Tgt Ion:112 Resp: 471359
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#60
1,1,1,2-Tetrachloroethane
Concen: 10.027 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion:131 Resp: 172778
Ion Ratio Lower Upper
131 100
133 95.8 76.5 114.7
119 69.5 56.5 84.7

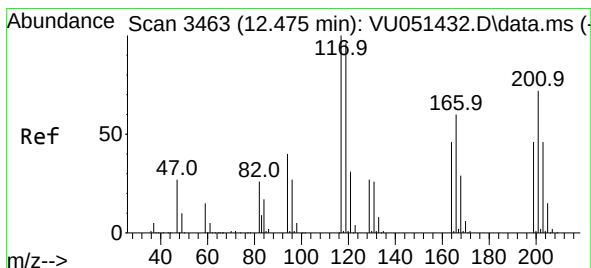
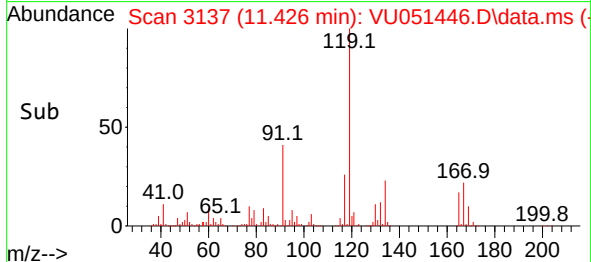
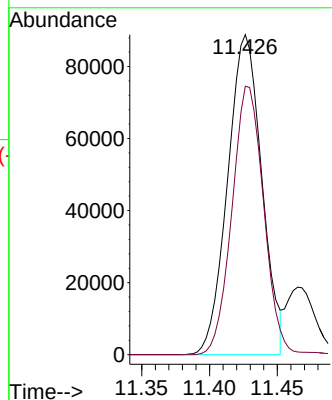
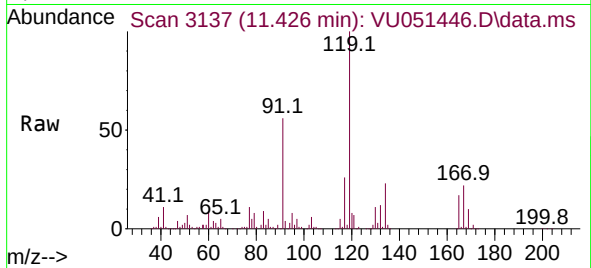




#61
 Pentachloroethane
 Concen: 10.114 ug/l
 RT: 11.426 min Scan# 3137
 Delta R.T. -0.001 min
 Lab File: VU051446.D
 Acq: 18 Oct 2022 18:15

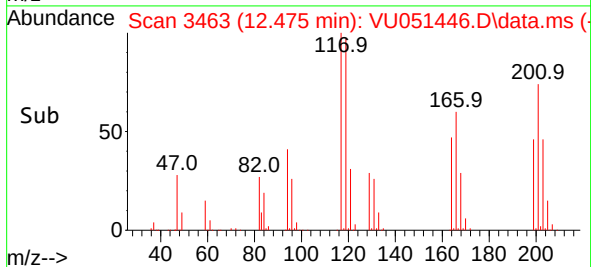
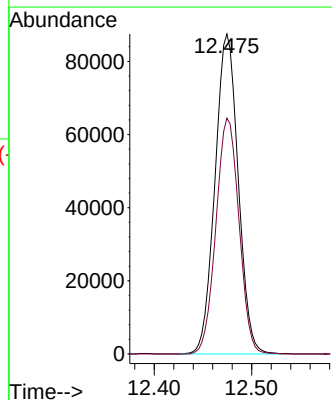
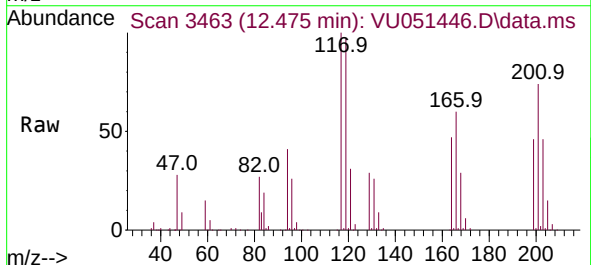
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

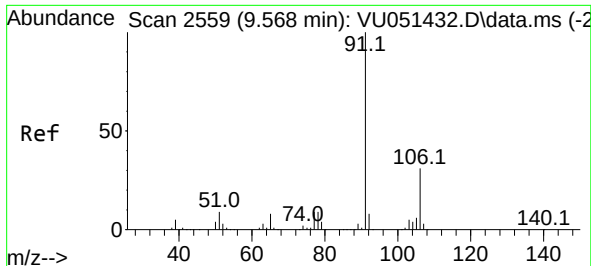
Tgt Ion:117 Resp: 155301
 Ion Ratio Lower Upper
 117 100
 167 78.5 63.3 94.9



#62
 Hexachloroethane
 Concen: 9.934 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. -0.000 min
 Lab File: VU051446.D
 Acq: 18 Oct 2022 18:15

Tgt Ion:117 Resp: 144850
 Ion Ratio Lower Upper
 117 100
 201 73.1 57.4 86.2

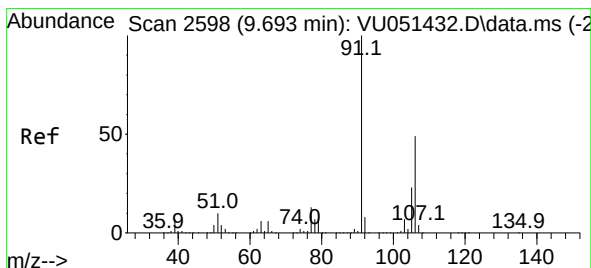
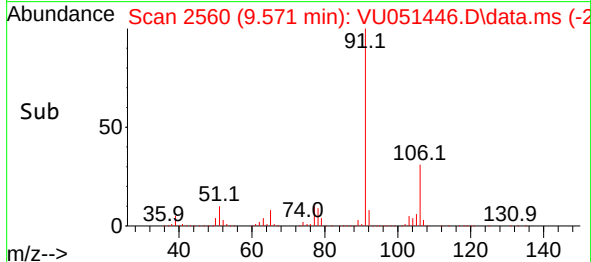
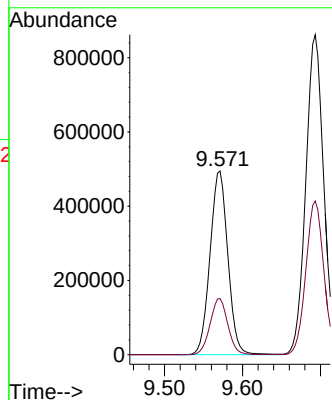
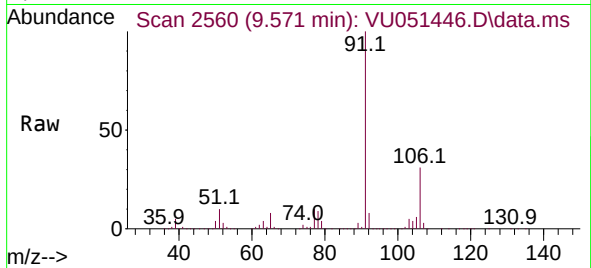




#63
Ethyl Benzene
Concen: 9.361 ug/l
RT: 9.571 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

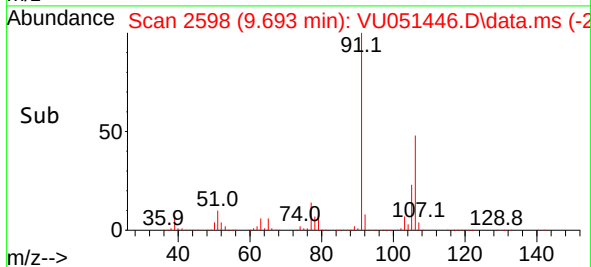
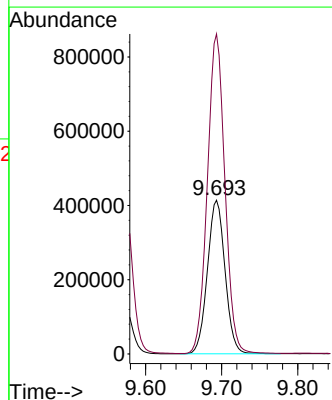
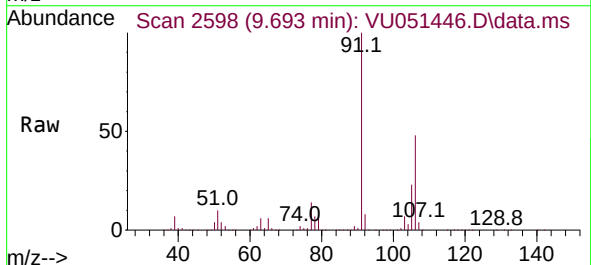
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

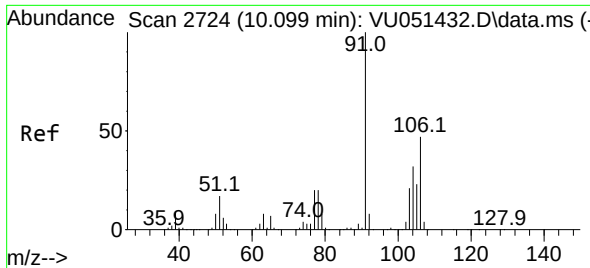
Tgt Ion: 91 Resp: 786162
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3



#64
m/p-Xylenes
Concen: 19.457 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion: 106 Resp: 666158
Ion Ratio Lower Upper
106 100
91 206.6 163.2 244.8

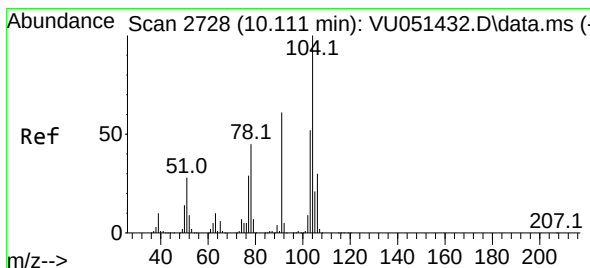
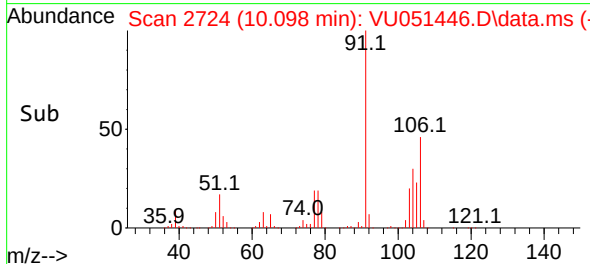
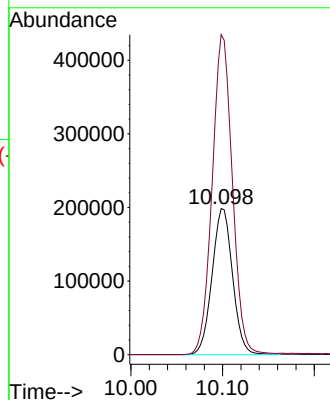
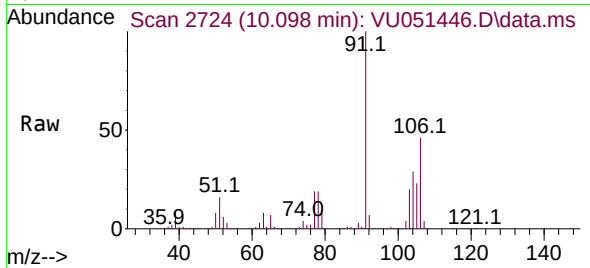




#65
o-Xylene
Concen: 9.618 ug/l
RT: 10.098 min Scan# 2724
Delta R.T. -0.001 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

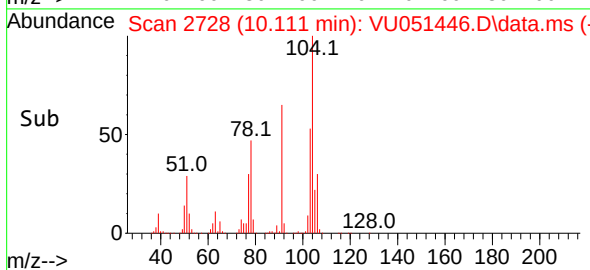
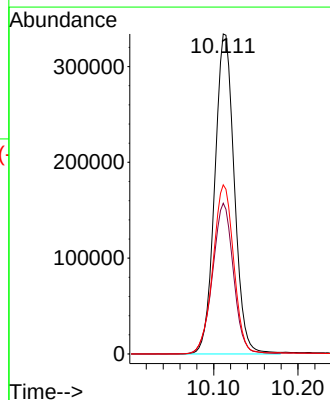
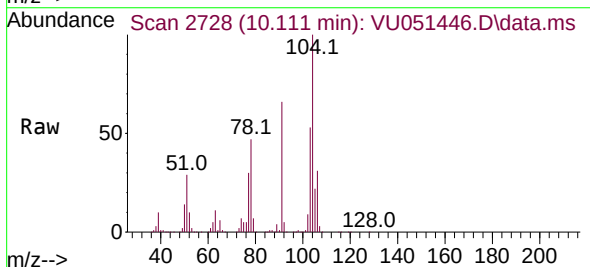
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

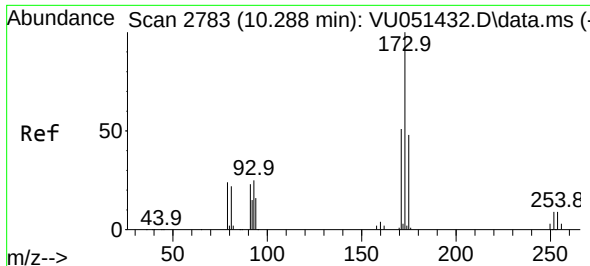
Tgt Ion:106 Resp: 308665
Ion Ratio Lower Upper
106 100
91 215.8 107.1 321.3



#66
Styrene
Concen: 9.701 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion:104 Resp: 538210
Ion Ratio Lower Upper
104 100
78 50.1 39.7 59.5
103 56.2 44.4 66.6

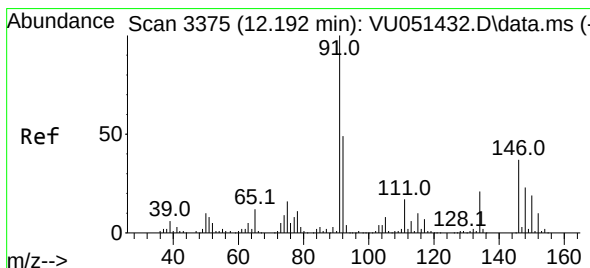
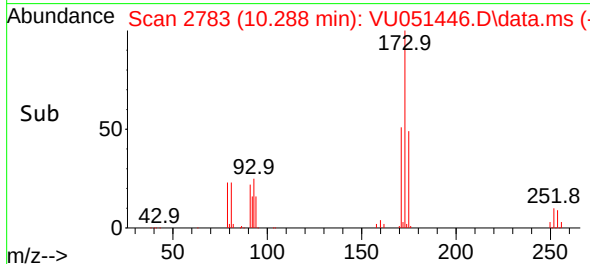
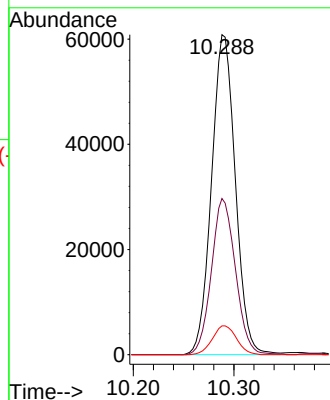
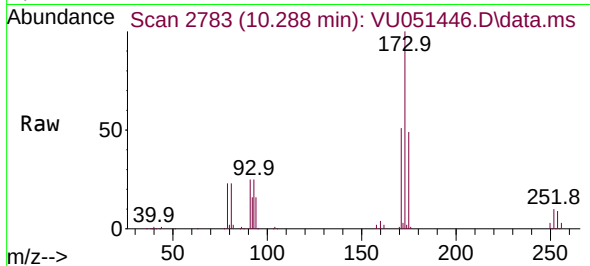




#67
Bromoform
Concen: 10.799 ug/l
RT: 10.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

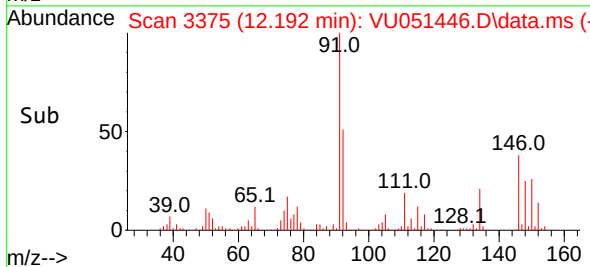
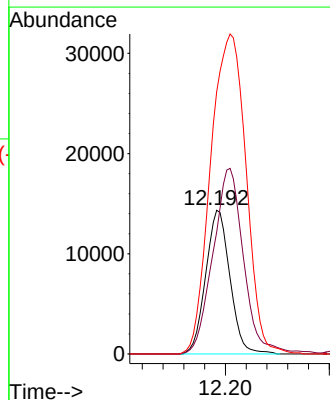
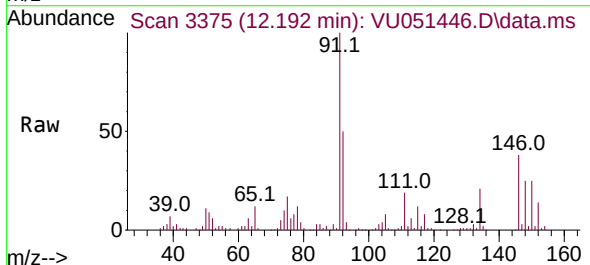
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

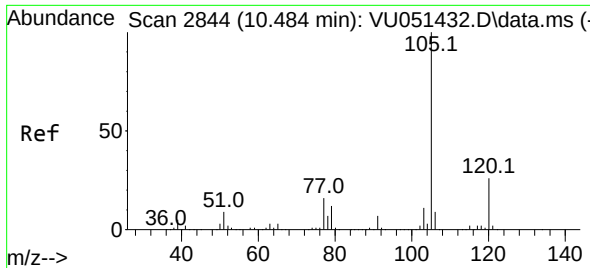
Tgt Ion:173 Resp: 100101
Ion Ratio Lower Upper
173 100
175 49.2 38.6 58.0
254 9.2 7.3 10.9



#68
1,2-Dichlorobenzene-d4
Concen: 1.042 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion:152 Resp: 23202
Ion Ratio Lower Upper
152 100
115 164.0 0.0 333.0
150 324.8 0.0 662.0

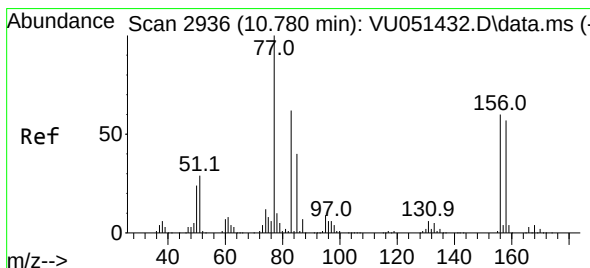
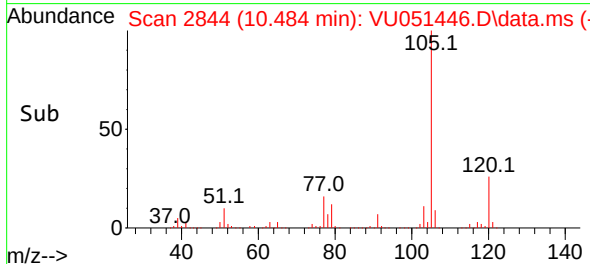
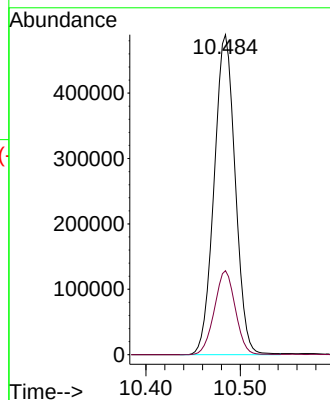
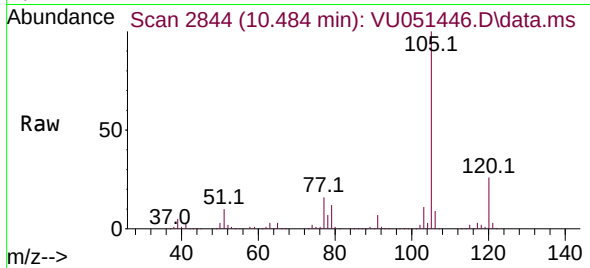




#69
Isopropylbenzene
Concen: 9.337 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

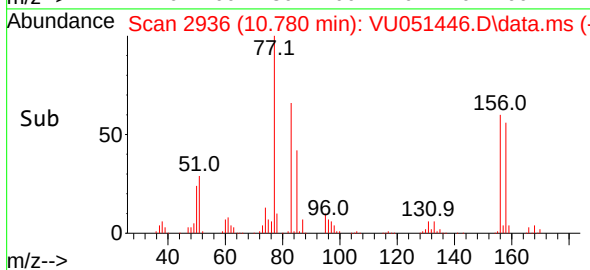
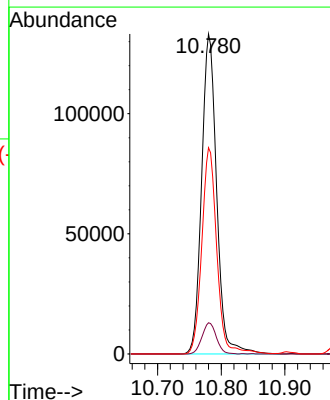
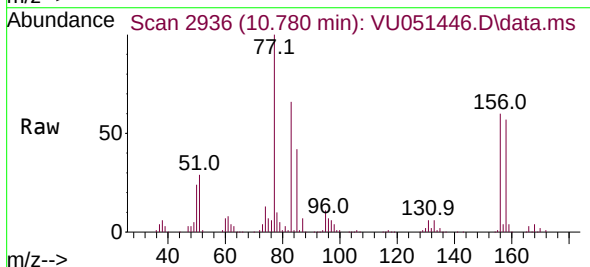
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

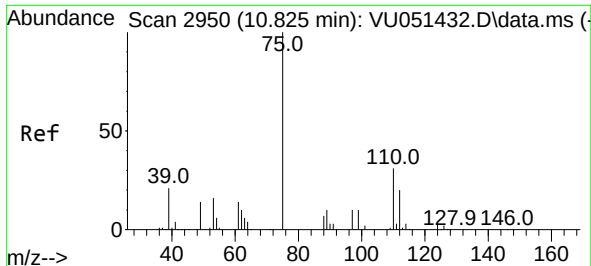
Tgt Ion:105 Resp: 757415
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0



#70
1,1,2,2-Tetrachloroethane
Concen: 10.633 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion: 83 Resp: 218383
Ion Ratio Lower Upper
83 100
131 9.3 7.2 10.8
85 64.4 51.4 77.2



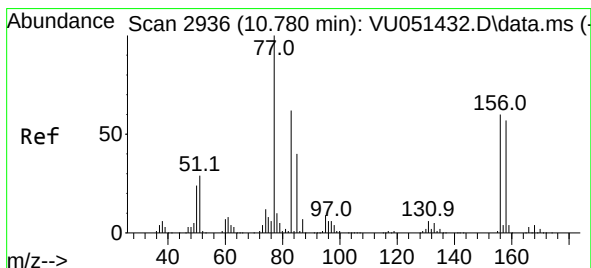
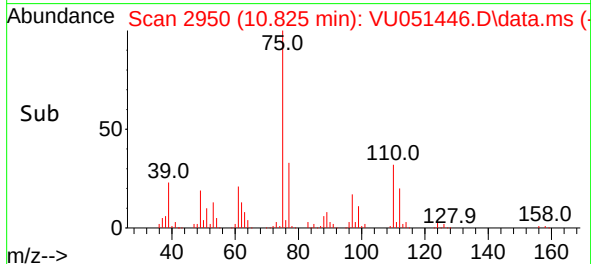
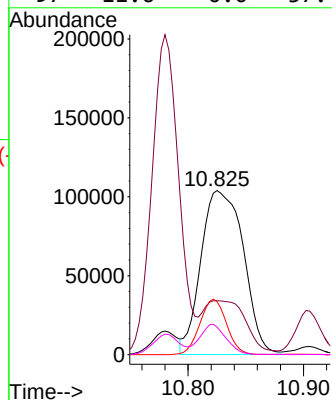
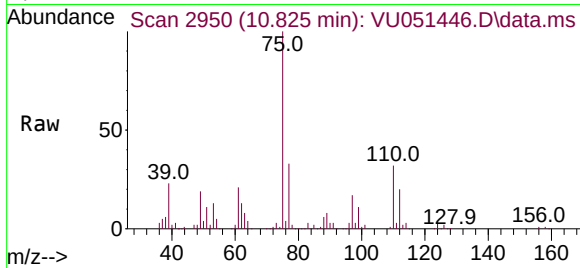


#71
1,2,3-Trichloropropane
Concen: 17.373 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 265102

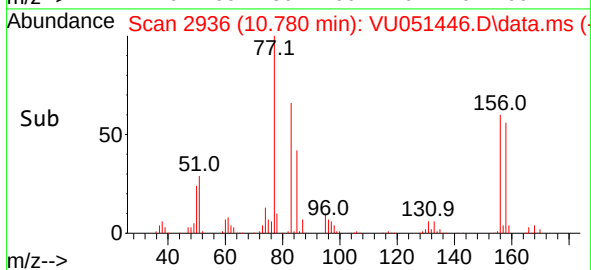
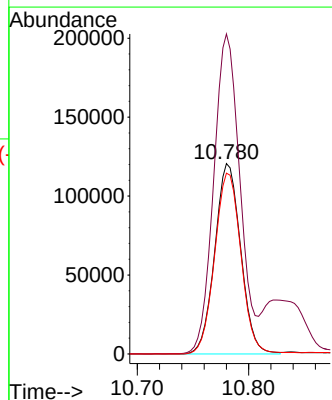
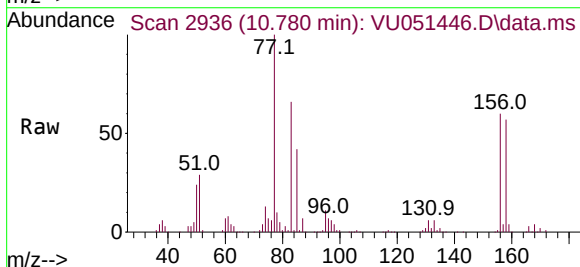
Ion	Ratio	Lower	Upper
75	100		
77	32.3	0.0	111.0
110	21.3	0.0	70.2
97	11.6	0.0	37.4

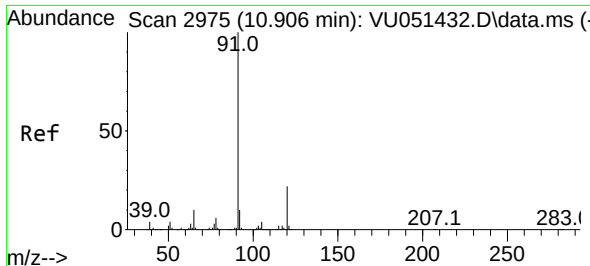


#72
Bromobenzene
Concen: 10.913 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion: 156 Resp: 195167

Ion	Ratio	Lower	Upper
156	100		
77	170.3	0.0	343.4
158	96.3	0.0	195.6

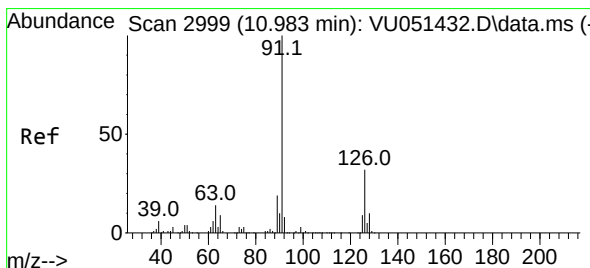
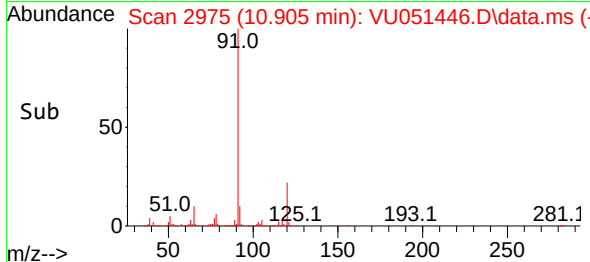
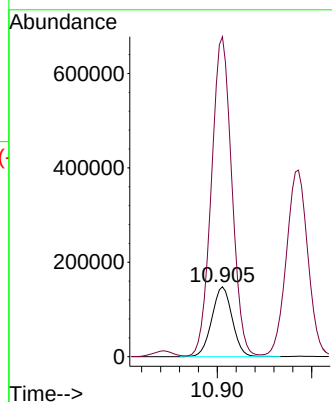
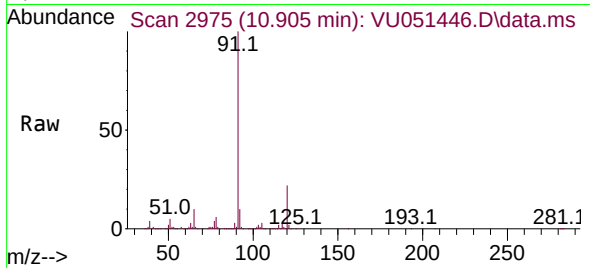




#73
n-propylbenzene
Concen: 9.438 ug/l
RT: 10.905 min Scan# 2975
Delta R.T. -0.001 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

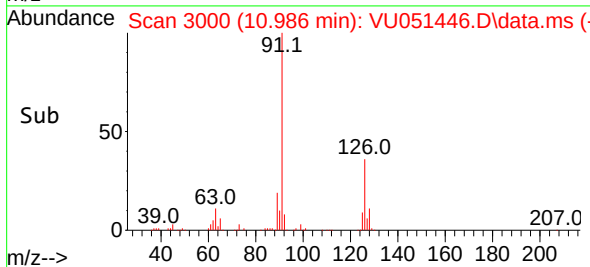
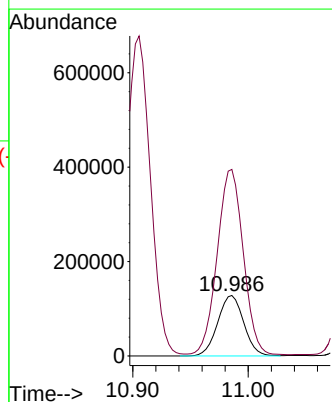
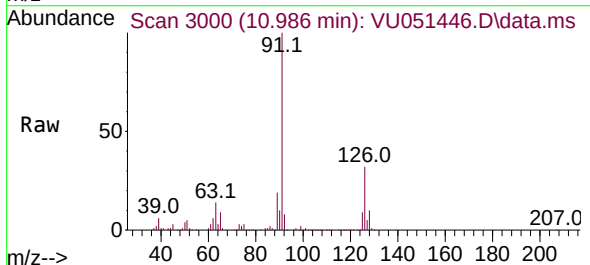
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

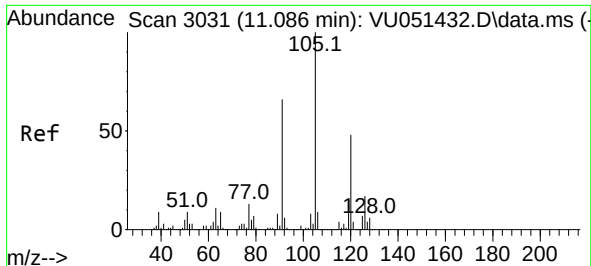
Tgt Ion:120 Resp: 221347
Ion Ratio Lower Upper
120 100
91 456.5 362.3 543.5



#74
2-Chlorotoluene
Concen: 11.522 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion:126 Resp: 200597
Ion Ratio Lower Upper
126 100
91 306.5 0.0 623.2

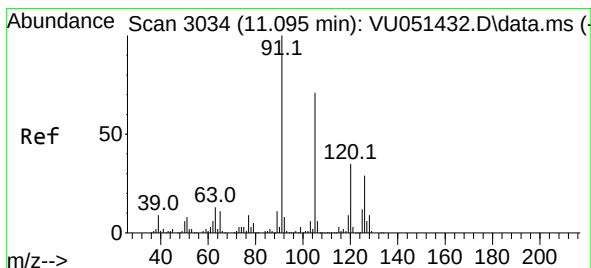
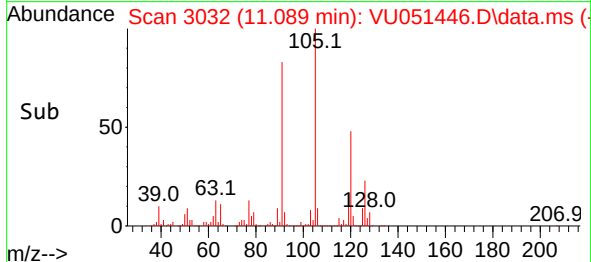
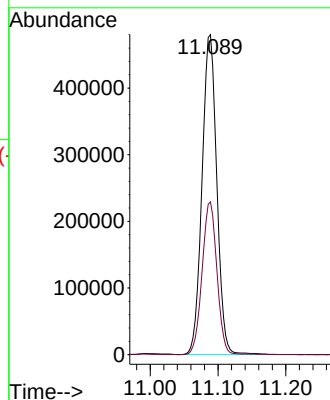
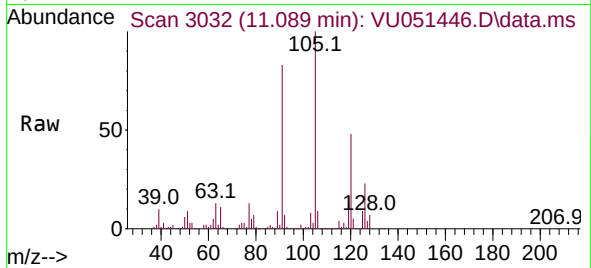




#75
1,3,5-Trimethylbenzene
Concen: 9.647 ug/l
RT: 11.089 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

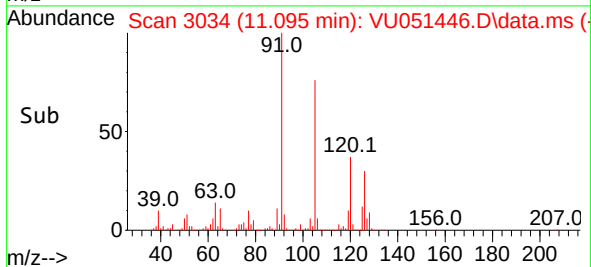
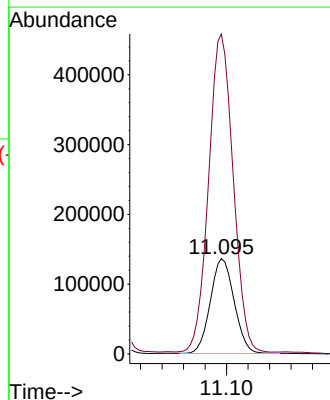
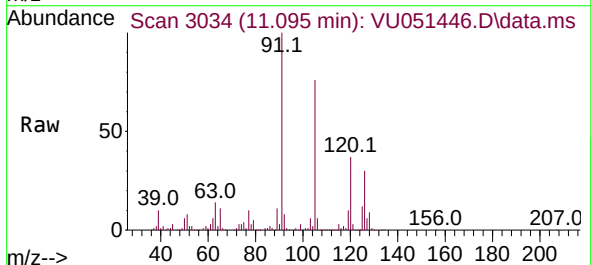
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

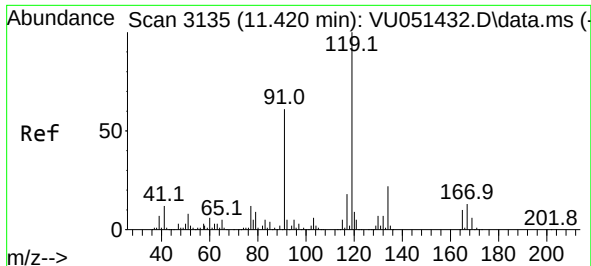
Tgt Ion:105 Resp: 727081
Ion Ratio Lower Upper
105 100
120 47.7 38.2 57.4



#76
4-Chlorotoluene
Concen: 9.782 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion:126 Resp: 208222
Ion Ratio Lower Upper
126 100
91 346.4 0.0 717.6

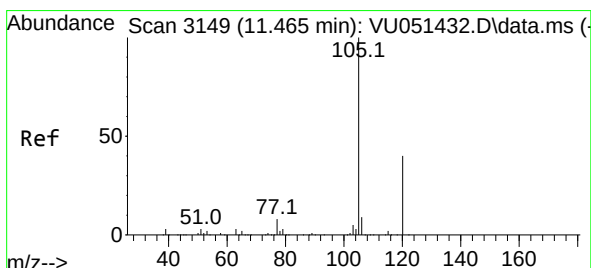
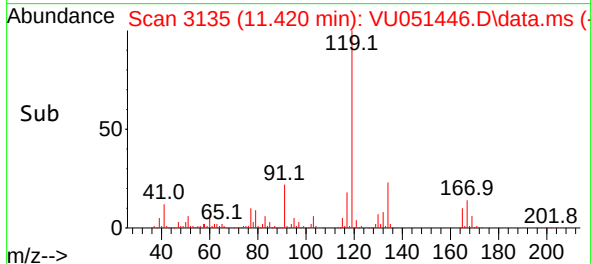
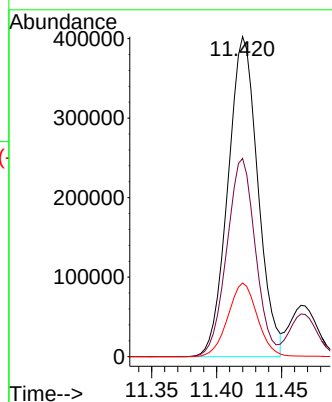
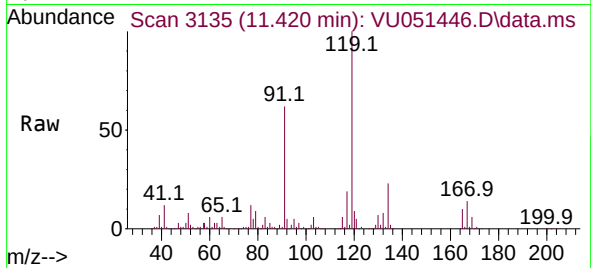




#77
tert-Butylbenzene
Concen: 11.202 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

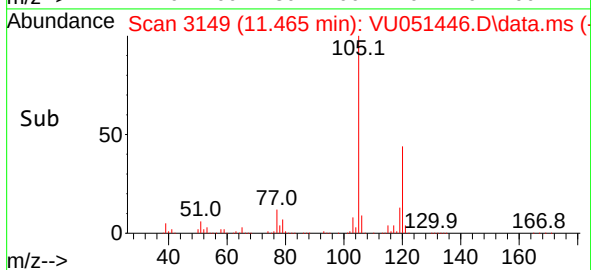
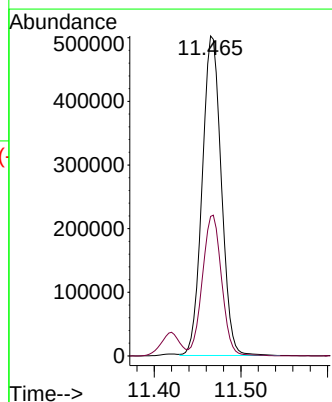
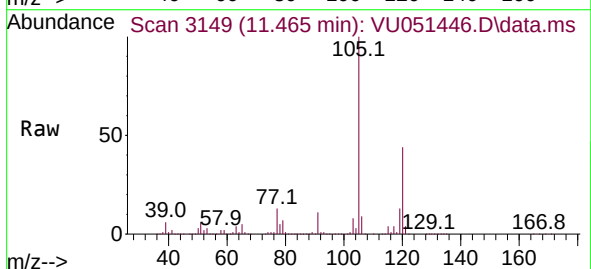
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

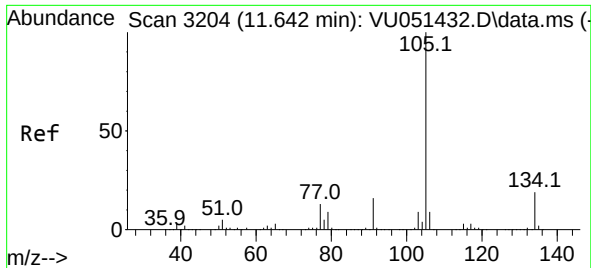
Tgt Ion:119 Resp: 645777
Ion Ratio Lower Upper
119 100
91 59.0 29.8 89.5
134 22.8 17.9 26.9



#78
1,2,4-Trimethylbenzene
Concen: 9.733 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion:105 Resp: 769798
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.3

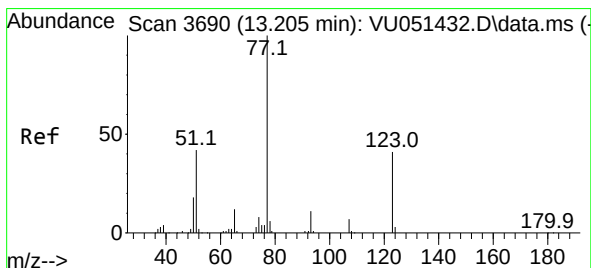
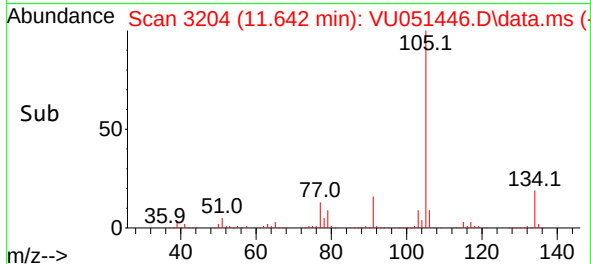
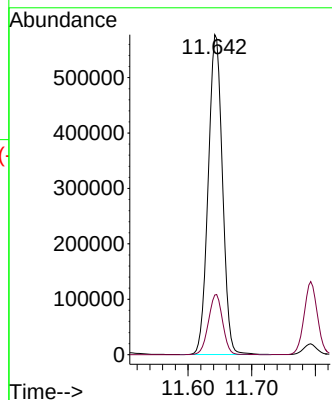
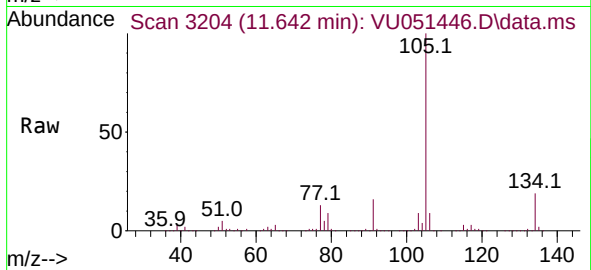




#79
 sec-Butylbenzene
 Concen: 9.481 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU051446.D
 Acq: 18 Oct 2022 18:15

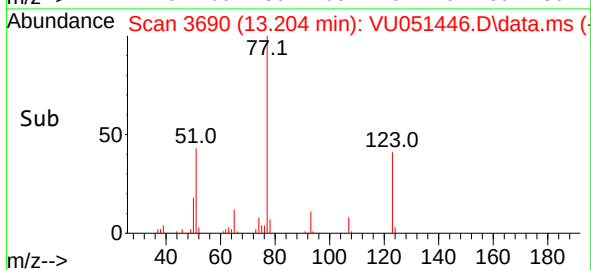
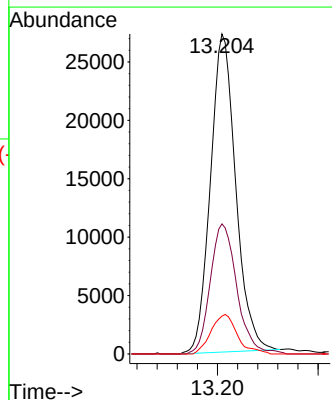
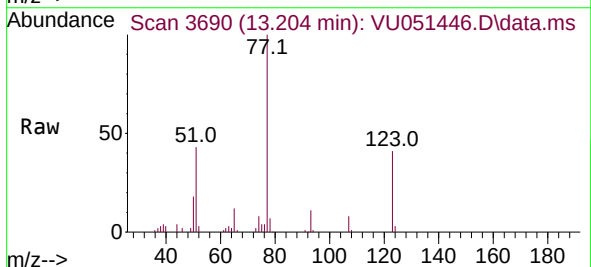
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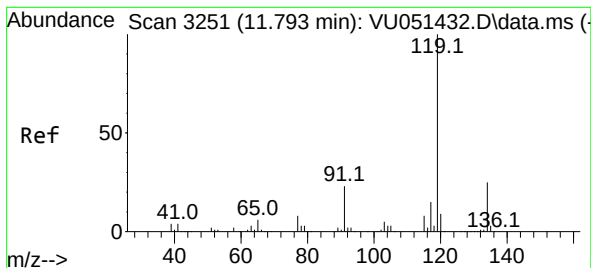
Tgt Ion:105 Resp: 893791
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.2 22.8



#80
 Nitrobenzene
 Concen: 46.823 ug/l
 RT: 13.204 min Scan# 3690
 Delta R.T. -0.000 min
 Lab File: VU051446.D
 Acq: 18 Oct 2022 18:15

Tgt Ion: 77 Resp: 47616
 Ion Ratio Lower Upper
 77 100
 123 42.9 17.5 62.1
 65 12.9 11.1 14.1





#81

p-Isopropyltoluene

Concen: 9.489 ug/l

RT: 11.793 min Scan# 3251

Delta R.T. -0.000 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

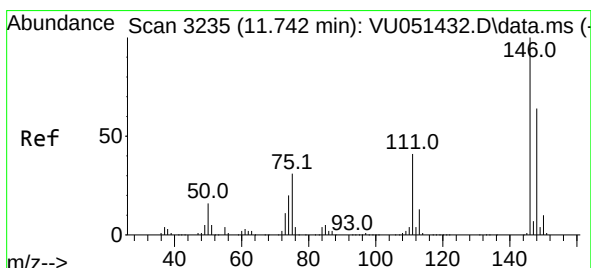
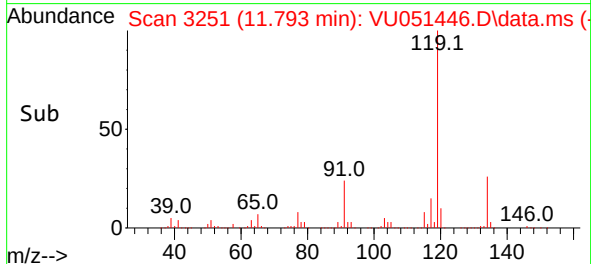
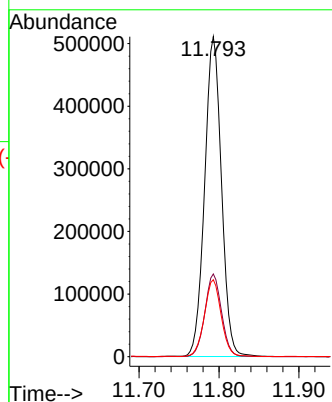
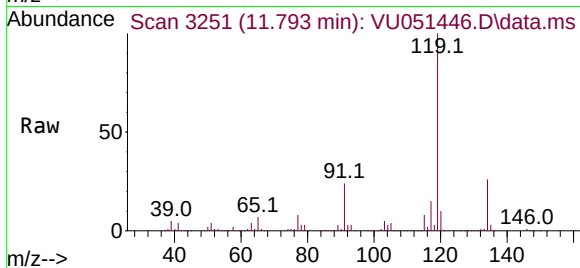
Tgt Ion:119 Resp: 748263

Ion Ratio Lower Upper

119 100

134 25.7 20.3 30.5

91 24.0 18.6 27.8



#82

1,3-Dichlorobenzene

Concen: 10.531 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. 0.003 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

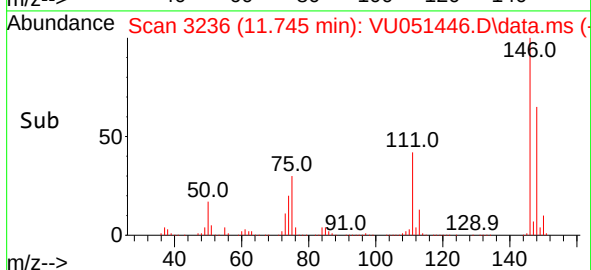
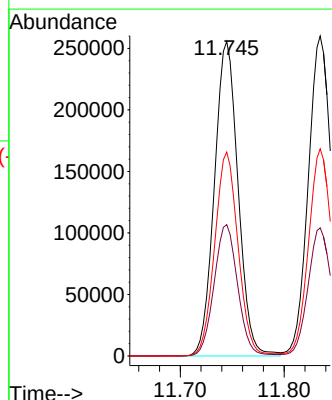
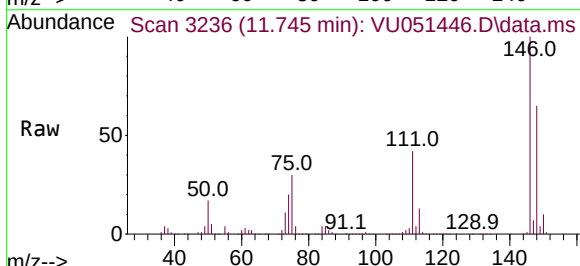
Tgt Ion:146 Resp: 404588

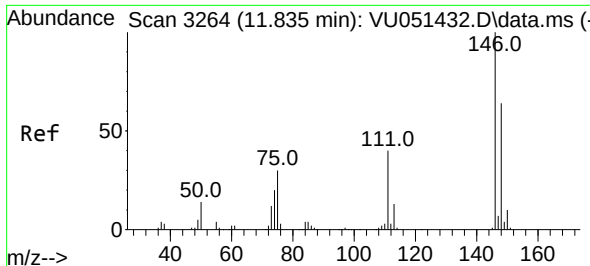
Ion Ratio Lower Upper

146 100

111 41.6 33.4 50.0

148 64.0 51.0 76.6

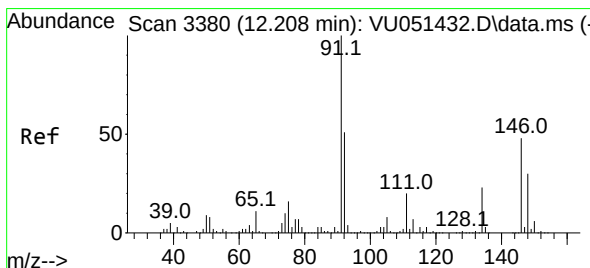
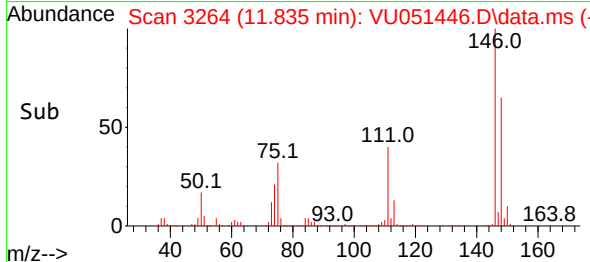
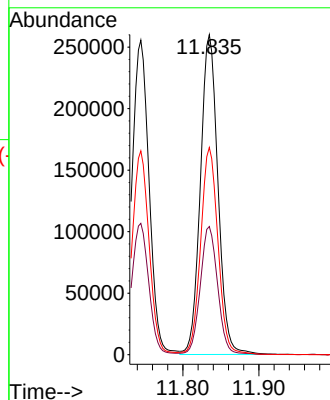
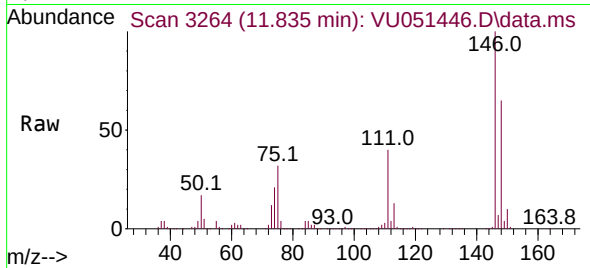




#83
1,4-Dichlorobenzene
Concen: 11.090 ug/l
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

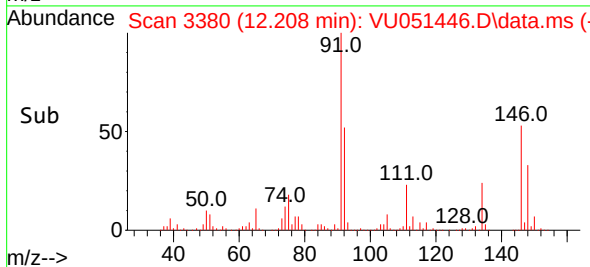
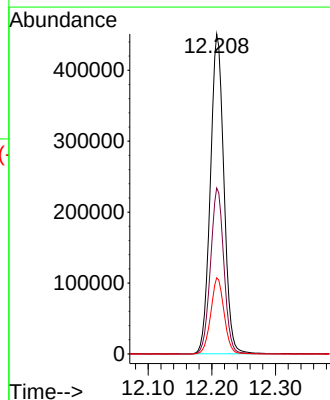
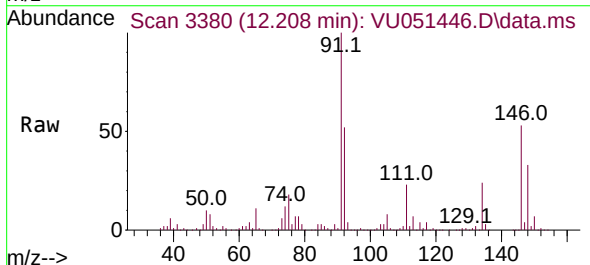
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

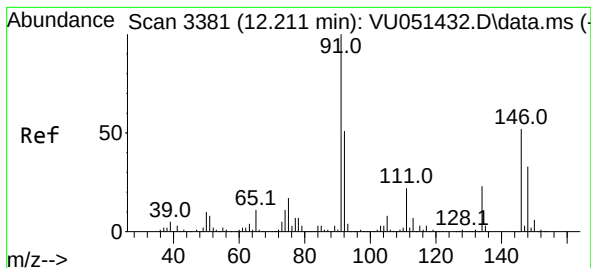
Tgt Ion:146 Resp: 417004
Ion Ratio Lower Upper
146 100
111 39.7 31.6 47.4
148 64.0 50.5 75.7



#84
n-Butylbenzene
Concen: 8.902 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion: 91 Resp: 667521
Ion Ratio Lower Upper
91 100
92 51.4 40.6 61.0
134 23.4 18.3 27.5





#85

1,2-Dichlorobenzene

Concen: 10.674 ug/l

RT: 12.211 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

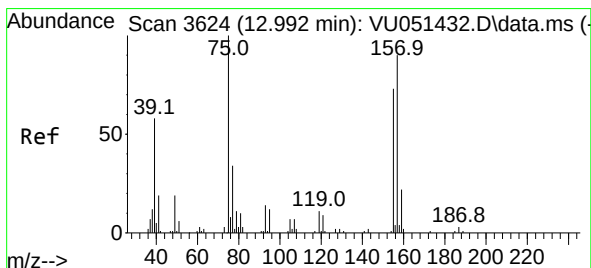
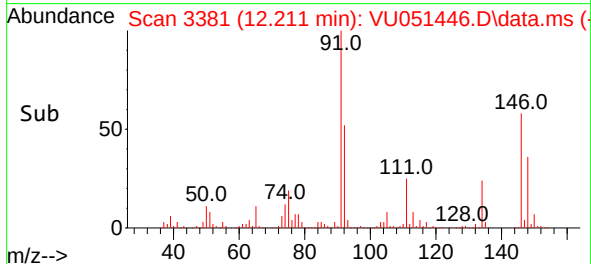
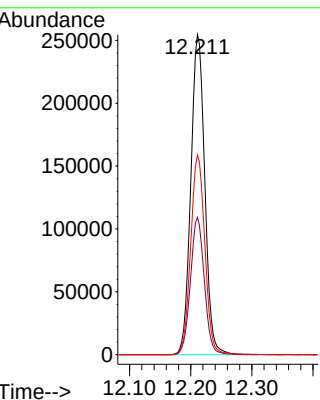
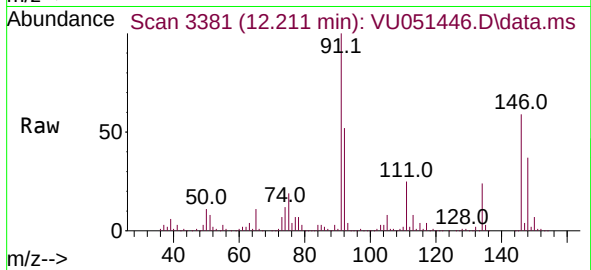
Tgt Ion:146 Resp: 404077

Ion Ratio Lower Upper

146 100

111 42.7 21.3 63.9

148 63.3 31.8 95.4



#86

1,2-Dibromo-3-Chloropropane

Concen: 10.272 ug/l

RT: 12.995 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU051446.D

Acq: 18 Oct 2022 18:15

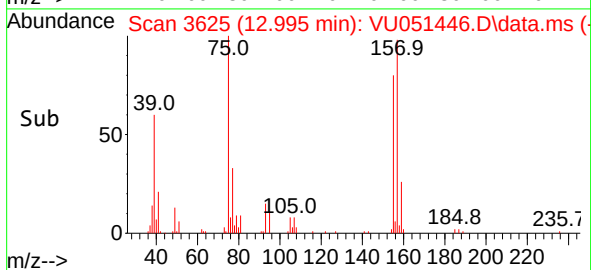
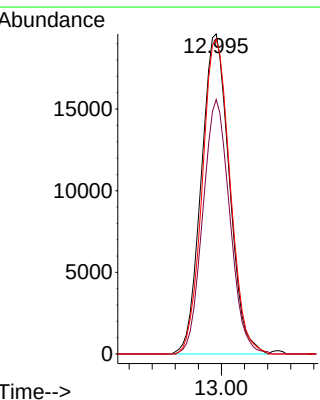
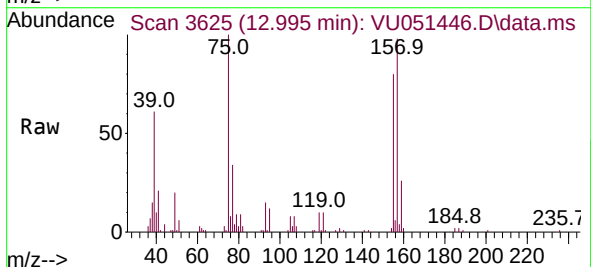
Tgt Ion: 75 Resp: 32988

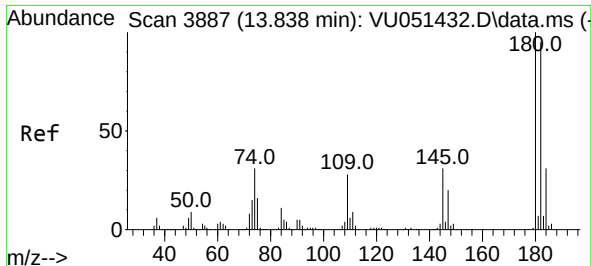
Ion Ratio Lower Upper

75 100

155 76.5 58.5 87.7

157 97.4 75.3 112.9

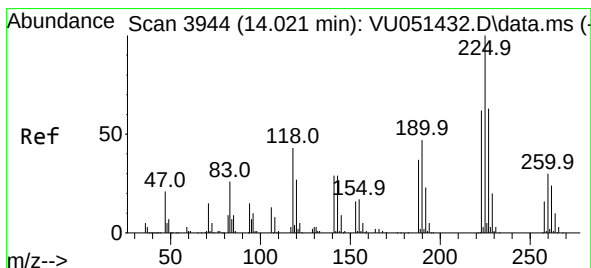
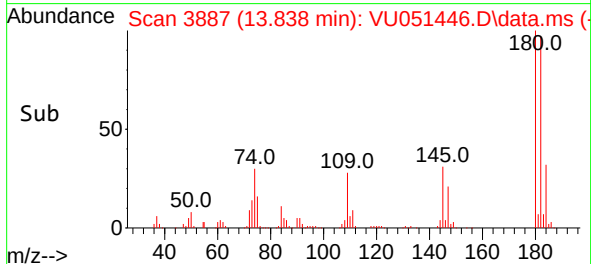
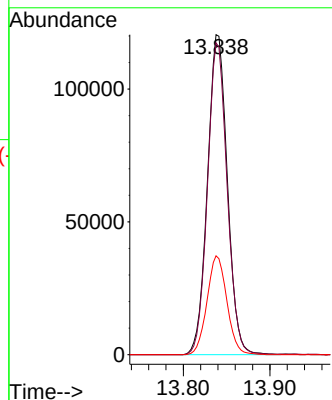
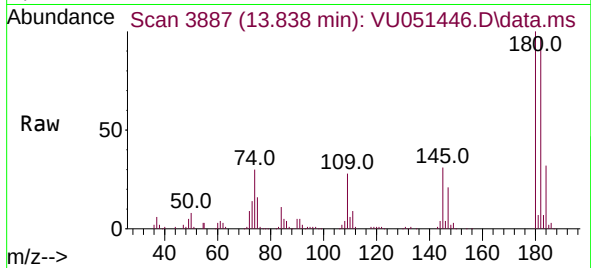




#87
1,2,4-Trichlorobenzene
Concen: 9.401 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

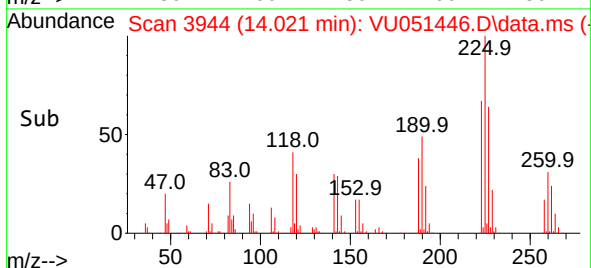
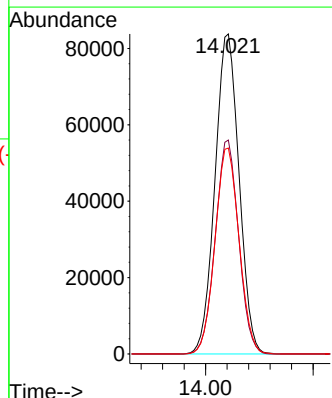
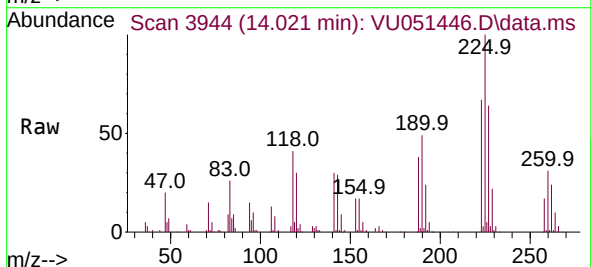
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

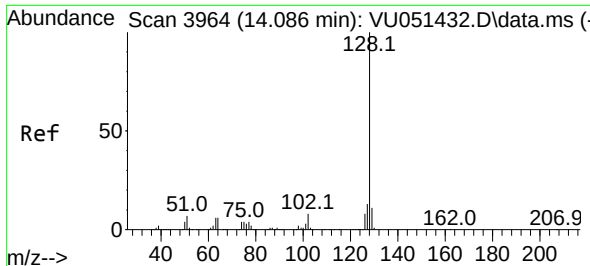
Tgt Ion:180 Resp: 192779
Ion Ratio Lower Upper
180 100
182 96.0 75.9 113.9
145 30.8 24.9 37.3



#88
Hexachlorobutadiene
Concen: 9.740 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion:225 Resp: 130215
Ion Ratio Lower Upper
225 100
223 64.9 50.1 75.1
227 64.3 51.4 77.2



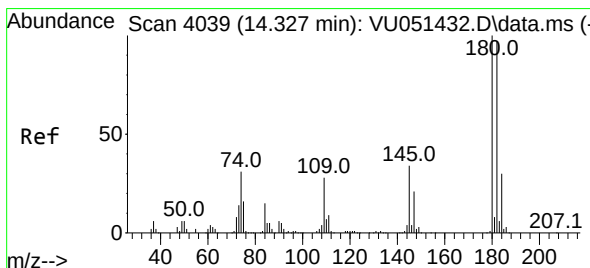
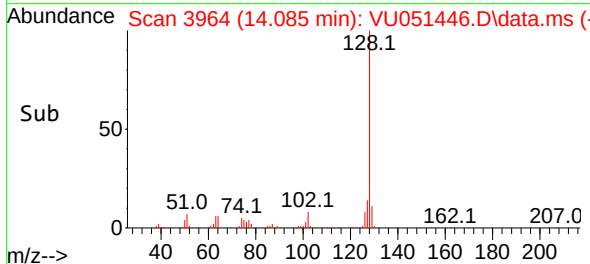
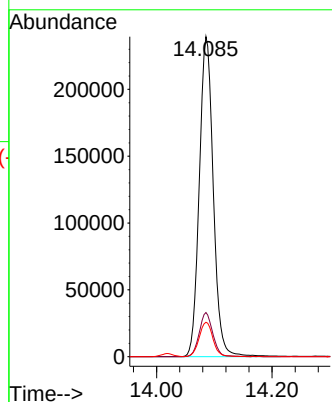
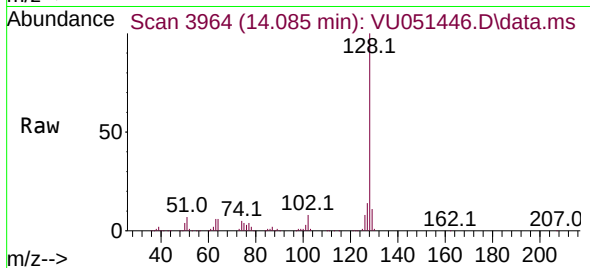


#89
Naphthalene
Concen: 9.381 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.001 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 402506

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.7	16.1
129	10.6	8.4	12.6



#90
1,2,3-Trichlorobenzene
Concen: 9.746 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051446.D
Acq: 18 Oct 2022 18:15

Tgt Ion:180 Resp: 218610

Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.8	113.6
145	32.7	26.6	39.8

