

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101722\
 Data File : VU051433.D
 Acq On : 17 Oct 2022 17:12
 Operator : JC/MD
 Sample : VSTDIC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Quant Time: Oct 18 04:25:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 18 04:21:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	60177	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	22484	1.129	ug/l	0.00
Spiked Amount 1.000			Recovery	=	113.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	24003	1.083	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	230561	11.430	ug/l	99
3) Chloromethane	1.546	50	449663	16.416	ug/l	99
4) Vinyl Chloride	1.604	62	418663	16.296	ug/l	98
5) Bromomethane	1.848	94	232896	14.371	ug/l	98
6) Chloroethane	1.928	64	222559	13.965	ug/l	98
7) Trichlorofluoromethane	2.137	101	473448	16.174	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	258650	15.530	ug/l	99
9) 1,1-Dichloroethene	2.578	96	268946	15.384	ug/l	99
10) Iodomethane	2.719	142	378007	15.219	ug/l	99
11) Allyl Chloride	2.922	41	410317	15.077	ug/l	100
12) Acrylonitrile	3.317	53	160272	29.147	ug/l	99
13) Acetone	2.629	43	263551	71.691	ug/l	98
14) Carbon Disulfide	2.790	76	961303	14.562	ug/l	100
15) Methylene Chloride	3.044	84	331333	11.009	ug/l	98
16) trans-1,2-Dichloroethene	3.350	96	302125	15.241	ug/l	97
17) 1,1-Dichloroethane	3.864	63	550727	15.867	ug/l	99
18) 2-Butanone	4.713	43	404154	84.184	ug/l	100
19) Cyclohexane	5.385	56	382840	16.554	ug/l	89
20) Methylcyclohexane	6.761	83	457061	19.635	ug/l	98
21) 2,2-Dichloropropane	4.661	77	392931	16.615	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	322572	16.932	ug/l	99
23) Diethyl Ether	2.379	59	241147	15.417	ug/l	98
24) tert-Butyl Alcohol	3.199	59	246391	272.557	ug/l	99
25) Methyl tert-Butyl Ether	3.369	73	731080	15.636	ug/l	99
26) Bromochloromethane	4.973	128	147137	16.055	ug/l	96
27) Chloroform	5.089	83	560330	15.886	ug/l	99
28) 1,1,1-Trichloroethane	5.314	97	455706	16.299	ug/l	99
29) 1,1-Dichloropropene	5.523	75	398870	17.938	ug/l	99
30) Carbon Tetrachloride	5.520	117	383019	16.127	ug/l	97
31) Isopropyl Ether	4.002	45	744796	16.593	ug/l	97
32) Ethyl-t-butyl ether	4.510	59	715890	17.954	ug/l	99
33) Tert-Amyl methyl ether	5.944	73	654339	18.358	ug/l	99
34) Propionitrile	4.780	54	135240	89.863	ug/l	98
35) Benzene	5.771	78	1227396	16.621	ug/l	100
36) 1,2-Dichloroethane	5.793	62	365073	15.763	ug/l	99
37) Trichloroethene	6.542	130	286534	16.016	ug/l	97
38) 1,2-Dichloropropane	6.790	63	331962	16.500	ug/l	99
39) Methacrylonitrile	4.980	41	97056	18.248	ug/l	98
40) Methyl acrylate	4.848	55	160557	17.568	ug/l	98
41) Tetrahydrofuran	5.063	42	96804	34.488	ug/l	98
42) 1-Chlorobutane	5.456	56	547261	17.715	ug/l	99
43) Dibromomethane	6.919	93	167923	15.538	ug/l	99
44) Bromodichloromethane	7.105	83	411047	16.240	ug/l	98

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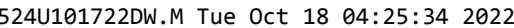
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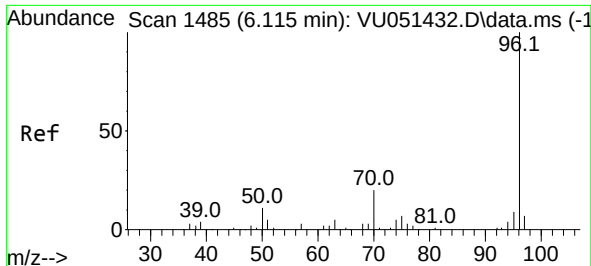
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 18 04:21:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	993625	86.914	ug/l	99
46) t-1,4-Dichloro-2-butene	10.825	75	421700	104.477	ug/l #	57
47) Methyl methacrylate	6.964	69	328668	37.755	ug/l	98
48) Ethyl methacrylate	8.333	69	286429	19.617	ug/l	99
49) Toluene	7.967	92	753445	18.687	ug/l	99
50) t-1,3-Dichloropropene	8.211	75	373909	18.304	ug/l	99
51) cis-1,3-Dichloropropene	7.607	75	431760	18.129	ug/l	100
52) 1,1,2-Trichloroethane	8.401	97	244058	15.519	ug/l	99
53) 1,3-Dichloropropane	8.575	76	417965	16.678	ug/l	98
54) 2-Hexanone	8.684	43	708981	87.619	ug/l	99
55) Dibromochloromethane	8.809	129	269537	15.729	ug/l	99
56) 1,2-Dibromoethane	8.922	107	227167	16.211	ug/l	98
58) Tetrachloroethene	8.552	164	247767	14.037	ug/l	98
59) Chlorobenzene	9.446	112	788350	17.733	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.533	131	275291	15.898	ug/l	99
61) Pentachloroethane	11.426	117	247534	19.560	ug/l	99
62) Hexachloroethane	12.475	117	237506	16.995	ug/l	98
63) Ethyl Benzene	9.571	91	1395122	20.433	ug/l	98
64) m/p-Xylenes	9.693	106	1113435	41.218	ug/l	99
65) o-Xylene	10.099	106	524288	19.933	ug/l	98
66) Styrene	10.115	104	908183	20.940	ug/l	100
67) Bromoform	10.288	173	155128	15.710	ug/l	99
69) Isopropylbenzene	10.484	105	1341997	20.583	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.780	83	331832	16.304	ug/l	100
71) 1,2,3-Trichloropropane	10.825	75	421700	26.055	ug/l	72
72) Bromobenzene	10.780	156	321123	18.163	ug/l	97
73) n-propylbenzene	10.906	120	385207	21.725	ug/l	100
74) 2-Chlorotoluene	10.986	126	326412	18.927	ug/l	100
75) 1,3,5-Trimethylbenzene	11.086	105	1227020	21.152	ug/l	100
76) 4-Chlorotoluene	11.095	126	343967	20.112	ug/l	94
77) tert-Butylbenzene	11.420	119	1127633	20.814	ug/l	99
78) 1,2,4-Trimethylbenzene	11.465	105	1290314	21.563	ug/l	100
79) sec-Butylbenzene	11.642	105	1537829	20.670	ug/l	100
80) Nitrobenzene	13.205	77	87827	78.041	ug/l	95
81) p-Isopropyltoluene	11.793	119	1289620	21.918	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	661704	17.667	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	663214	17.925	ug/l	99
84) n-Butylbenzene	12.208	91	1236901	22.360	ug/l	99
85) 1,2-Dichlorobenzene	12.211	146	646339	17.489	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.996	75	54450	15.928	ug/l	97
87) 1,2,4-Trichlorobenzene	13.838	180	383794	19.165	ug/l	99
88) Hexachlorobutadiene	14.021	225	229590	17.792	ug/l	99
89) Naphthalene	14.086	128	862490	23.048	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	404644	18.867	ug/l	100

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

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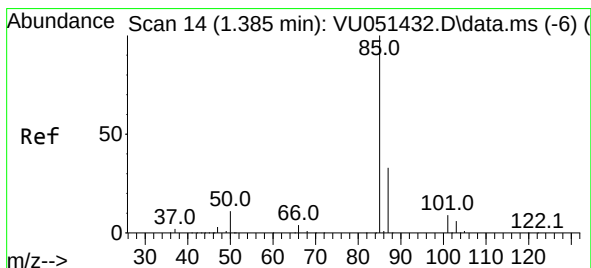
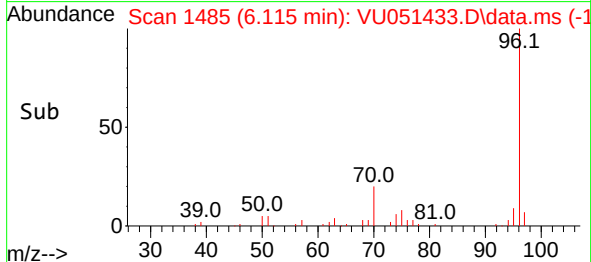
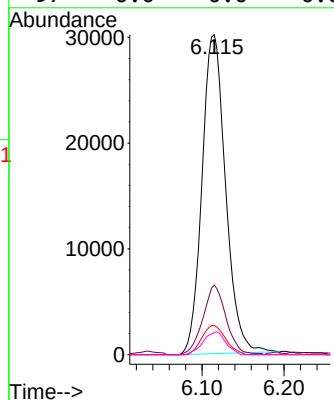
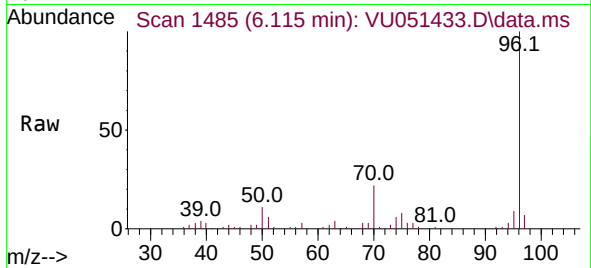




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

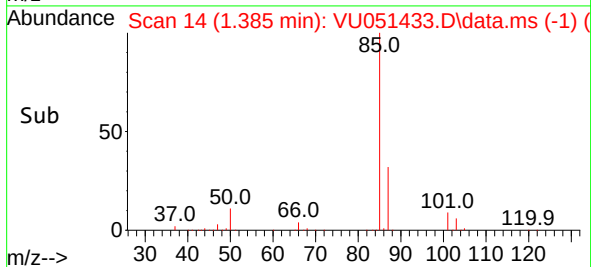
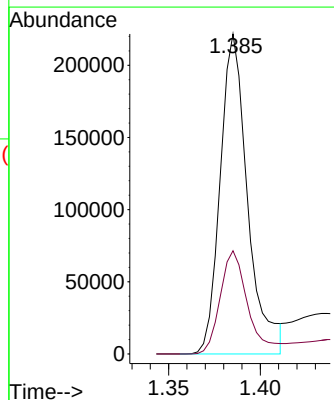
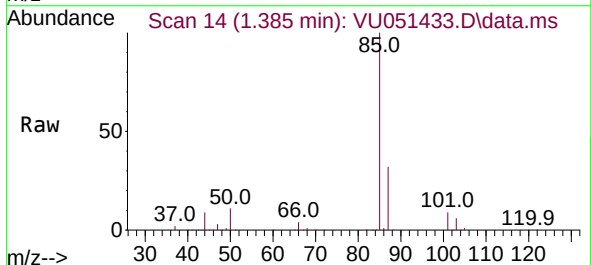
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VSTDIC015

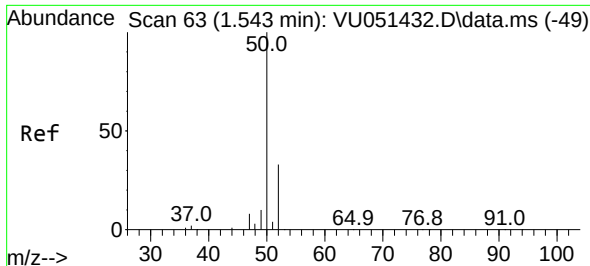
Tgt Ion: 96	Resp: 60177
Ion Ratio	Lower Upper
96 100	
70 21.4	16.7 25.1
95 0.0	7.5 11.3#
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 11.430 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion: 85	Resp: 230561
Ion Ratio	Lower Upper
85 100	
87 32.3	16.4 49.4

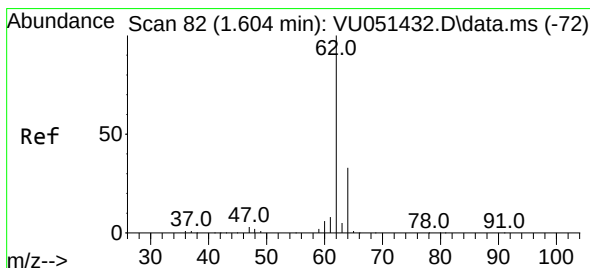
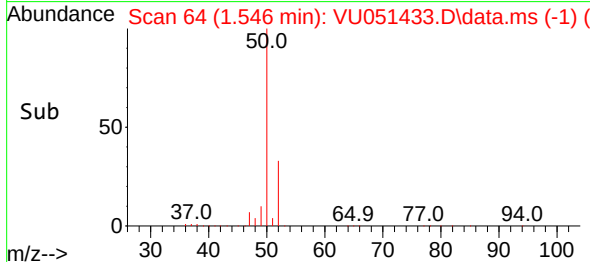
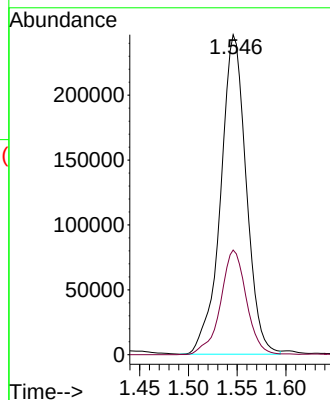
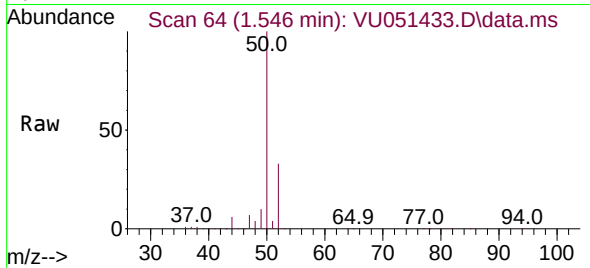




#3
Chloromethane
Concen: 16.416 ug/l
RT: 1.546 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

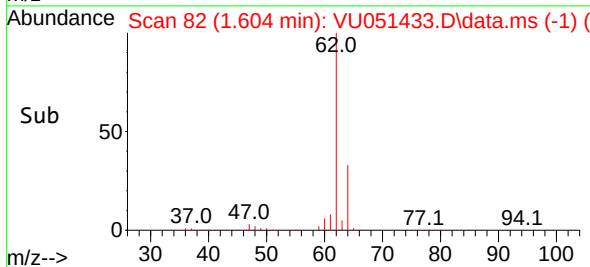
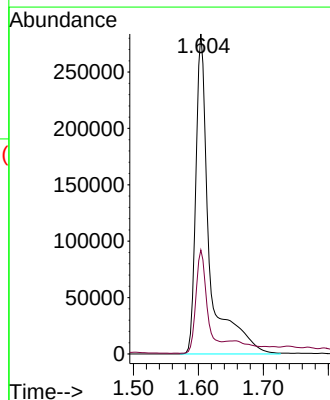
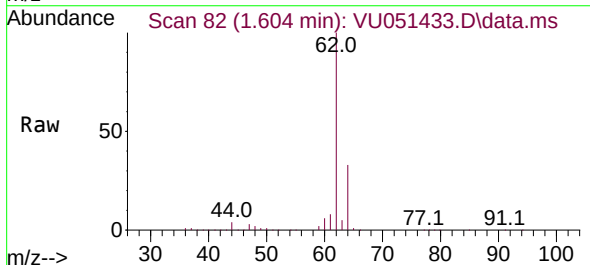
Instrument :
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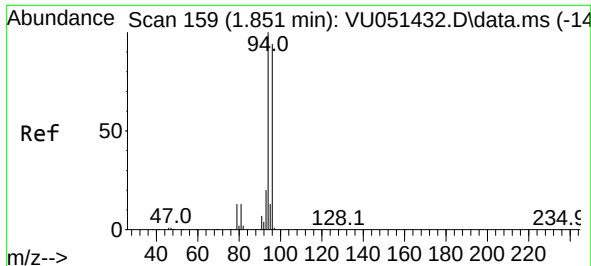
Tgt Ion: 50 Resp: 449663
Ion Ratio Lower Upper
50 100
52 32.7 26.7 40.1



#4
Vinyl Chloride
Concen: 16.296 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion: 62 Resp: 418663
Ion Ratio Lower Upper
62 100
64 32.3 26.7 40.1

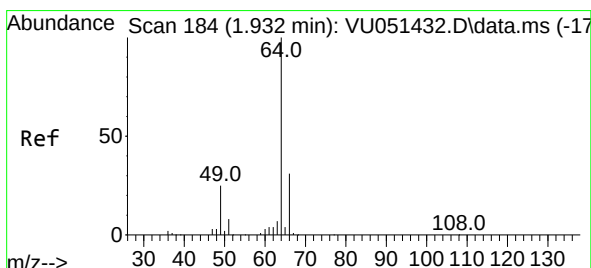
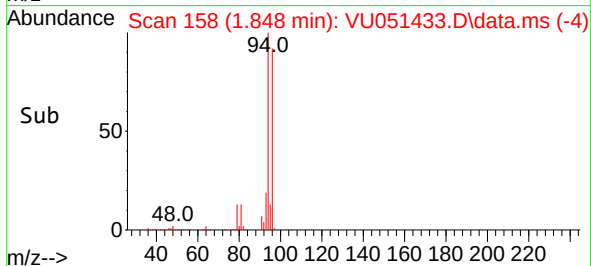
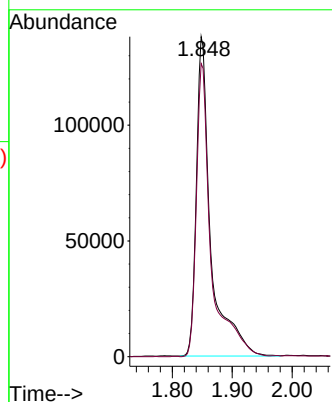
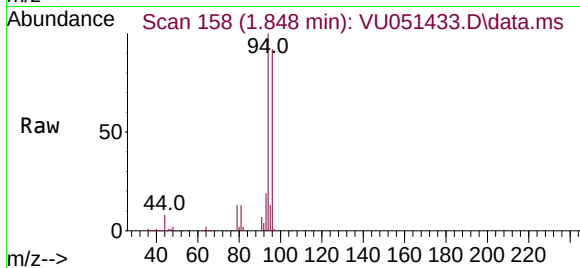




#5
Bromomethane
Concen: 14.371 ug/l
RT: 1.848 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

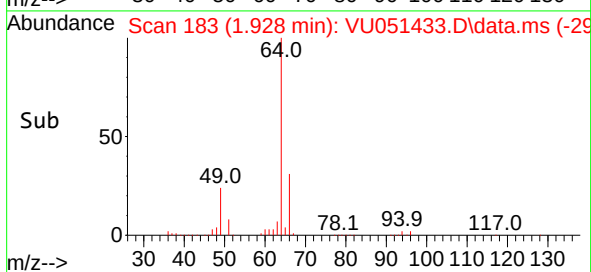
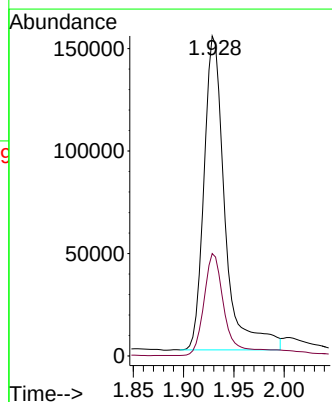
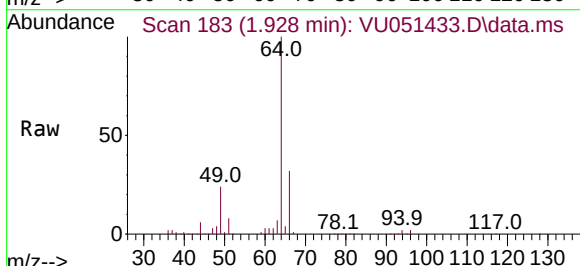
Instrument :
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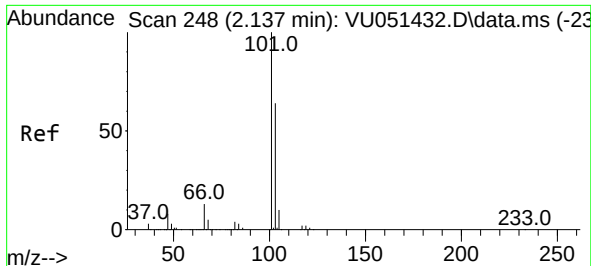
Tgt Ion: 94 Resp: 232896
Ion Ratio Lower Upper
94 100
96 91.8 74.8 112.2



#6
Chloroethane
Concen: 13.965 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion: 64 Resp: 222559
Ion Ratio Lower Upper
64 100
66 32.4 25.2 37.8

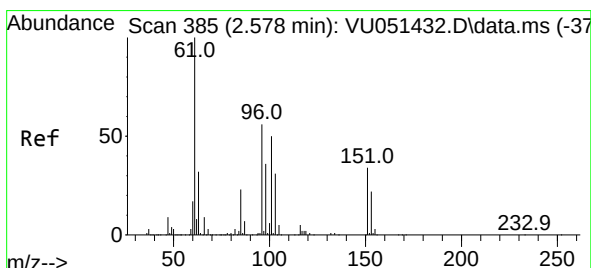
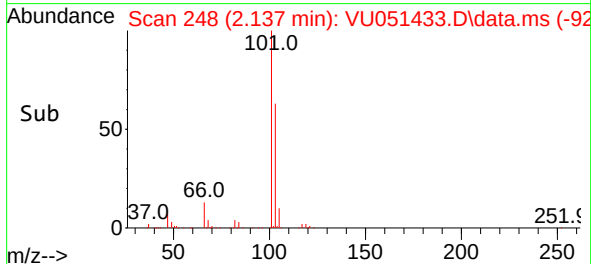
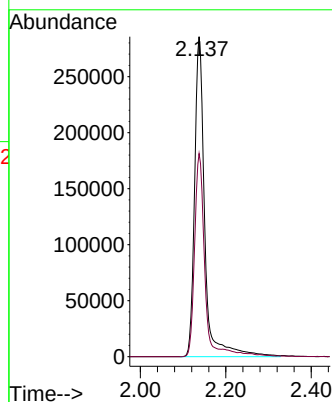
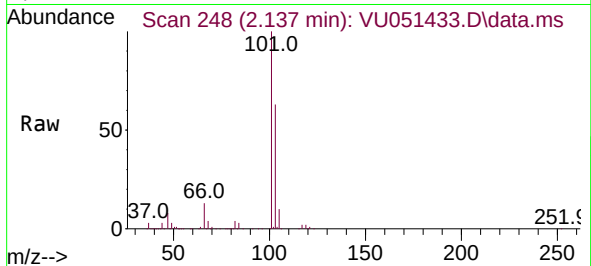




#7
 Trichlorofluoromethane
 Concen: 16.174 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU051433.D
 Acq: 17 Oct 2022 17:12

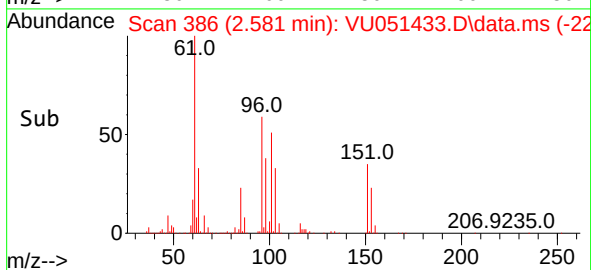
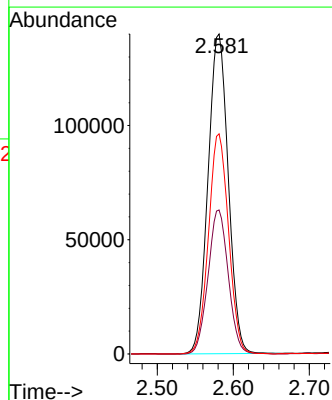
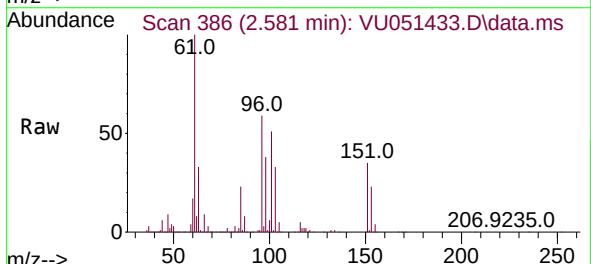
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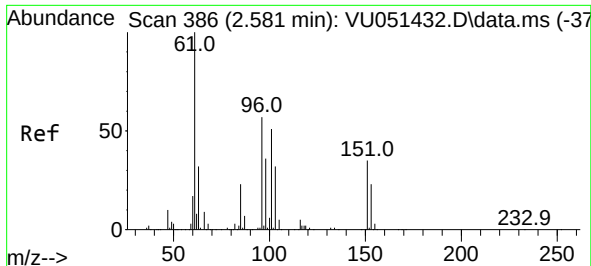
Tgt Ion:101 Resp: 473448
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 15.530 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU051433.D
 Acq: 17 Oct 2022 17:12

Tgt Ion:101 Resp: 258650
 Ion Ratio Lower Upper
 101 100
 85 45.0 36.6 54.8
 151 68.4 54.6 81.8



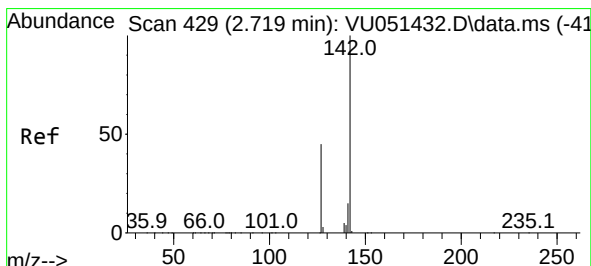
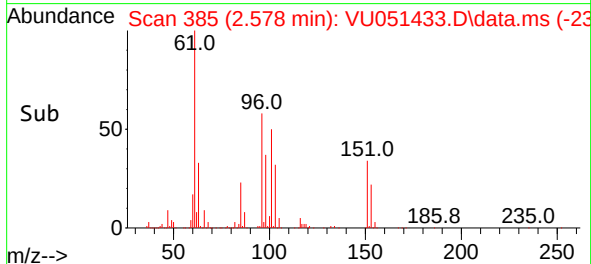
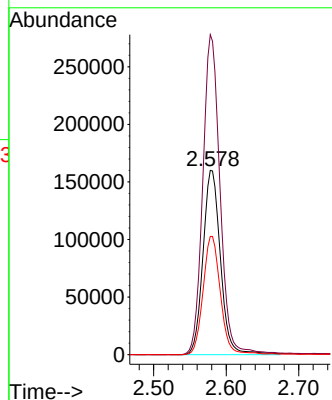
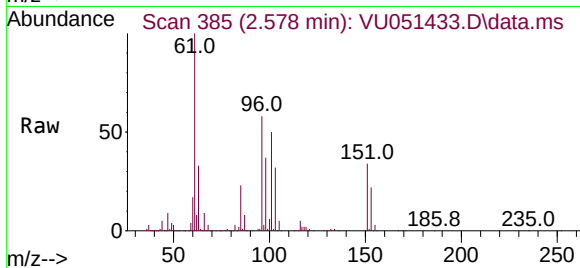


#9
 1,1-Dichloroethene
 Concen: 15.384 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU051433.D
 Acq: 17 Oct 2022 17:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Tgt Ion: 96 Resp: 268946

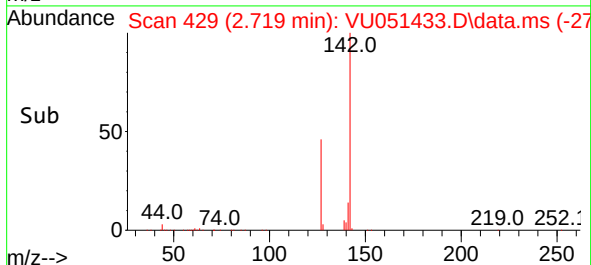
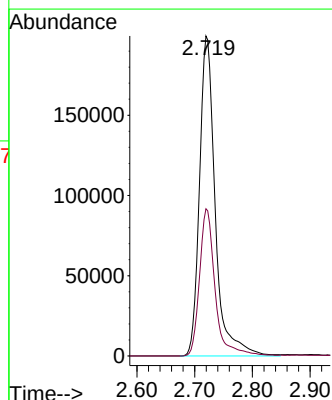
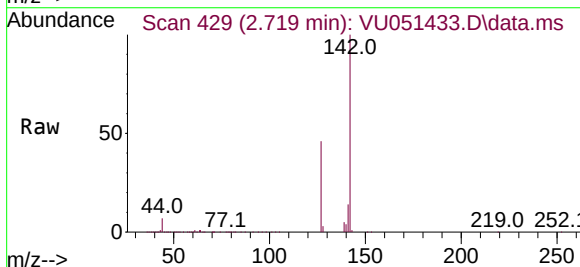
Ion	Ratio	Lower	Upper
96	100		
61	173.7	0.0	522.3
98	64.2	0.0	126.6

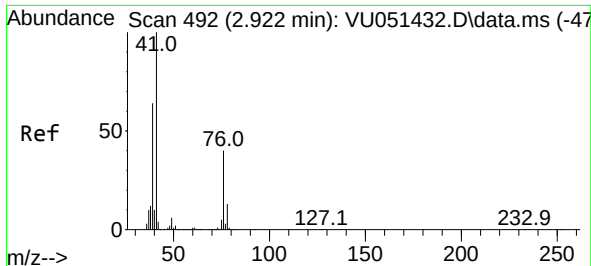


#10
 Iodomethane
 Concen: 15.219 ug/l
 RT: 2.719 min Scan# 429
 Delta R.T. -0.000 min
 Lab File: VU051433.D
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Tgt Ion: 142 Resp: 378007

Ion	Ratio	Lower	Upper
142	100		
127	45.7	37.0	55.4

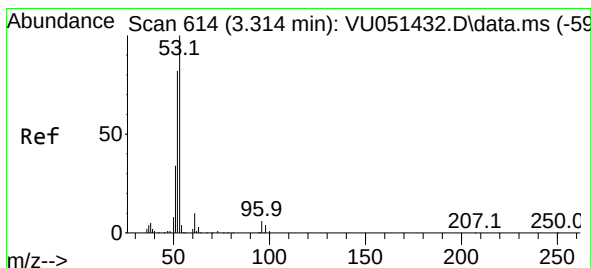
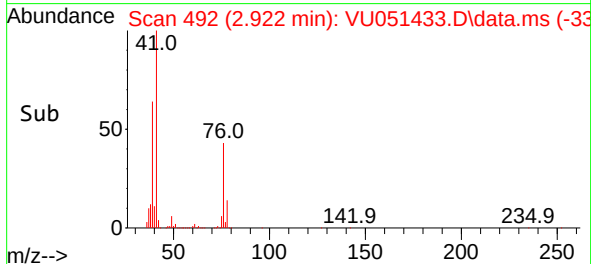
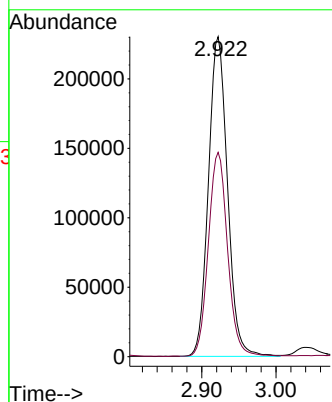
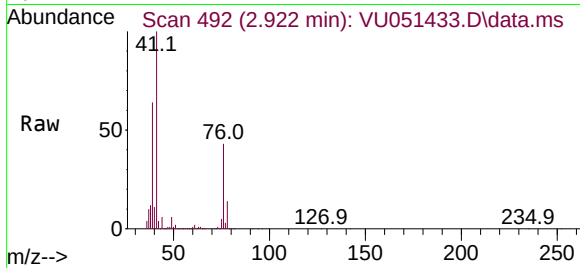




#11
 Allyl Chloride
 Concen: 15.077 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU051433.D
 Acq: 17 Oct 2022 17:12

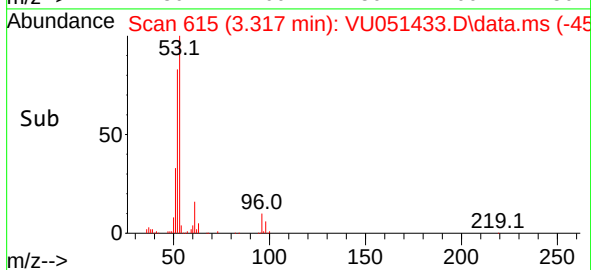
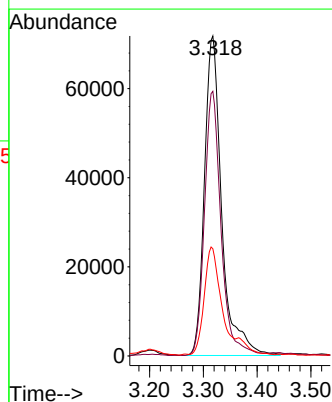
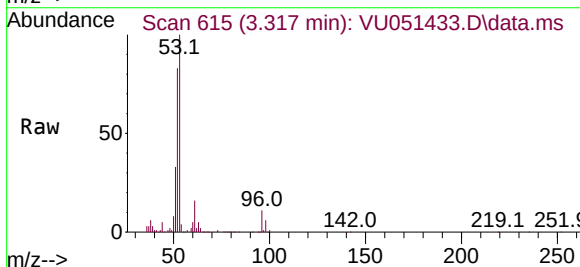
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

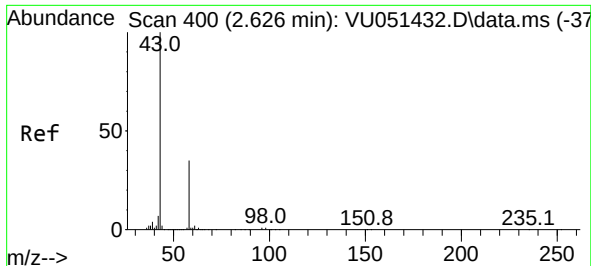
Tgt Ion: 41 Resp: 410317
 Ion Ratio Lower Upper
 41 100
 39 64.1 51.4 77.0



#12
 Acrylonitrile
 Concen: 29.147 ug/l
 RT: 3.317 min Scan# 615
 Delta R.T. 0.003 min
 Lab File: VU051433.D
 Acq: 17 Oct 2022 17:12

Tgt Ion: 53 Resp: 160272
 Ion Ratio Lower Upper
 53 100
 52 79.1 63.9 95.9
 51 32.4 25.9 38.9





#13

Acetone

Concen: 71.691 ug/l

RT: 2.629 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :

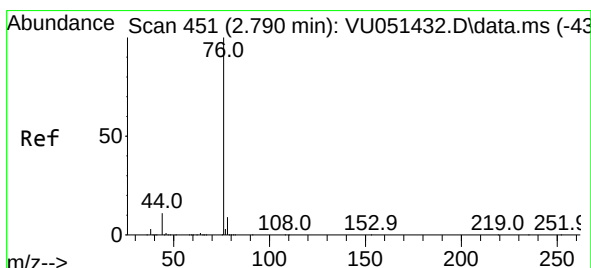
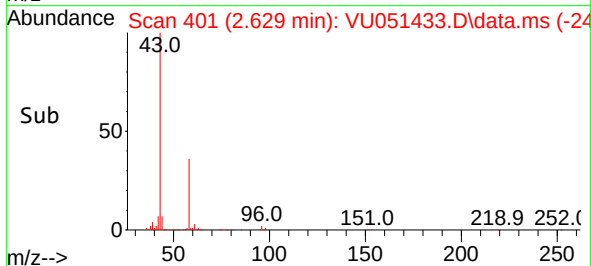
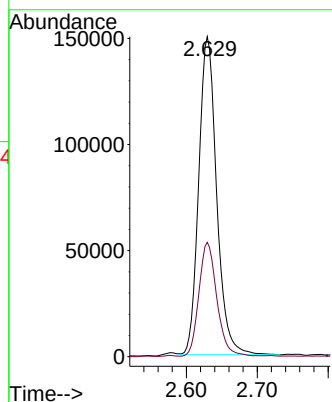
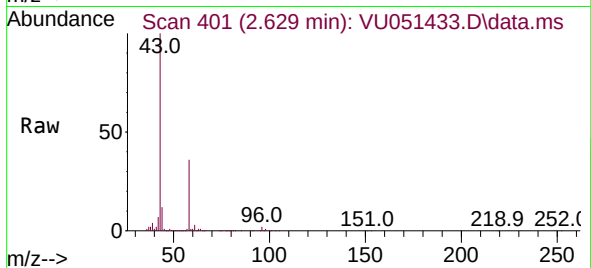
VSTDIC015

Tgt Ion: 43 Resp: 263551

Ion Ratio Lower Upper

43 100

58 35.8 27.9 41.9



#14

Carbon Disulfide

Concen: 14.562 ug/l

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051433.D

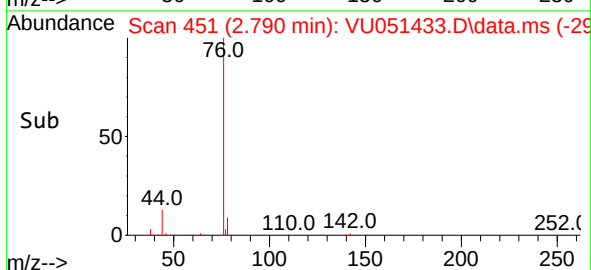
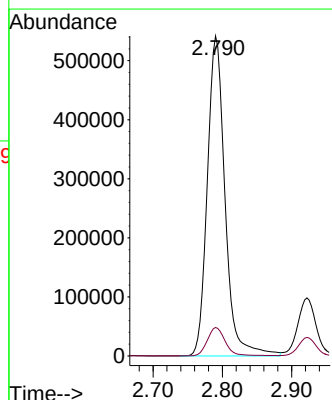
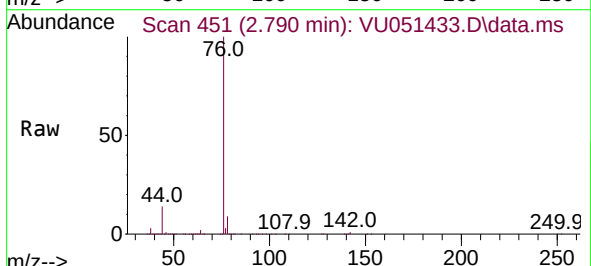
Acq: 17 Oct 2022 17:12

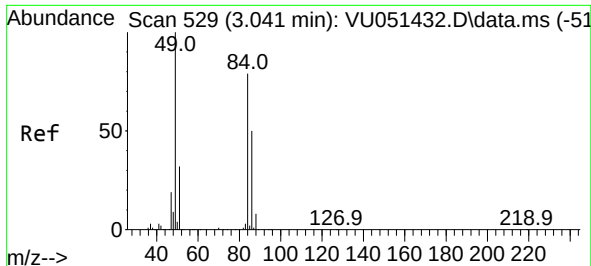
Tgt Ion: 76 Resp: 961303

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8

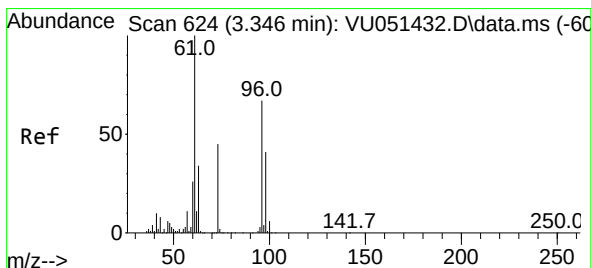
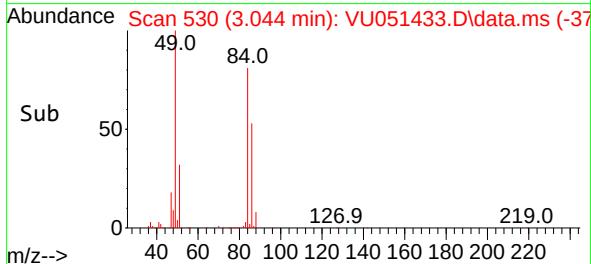
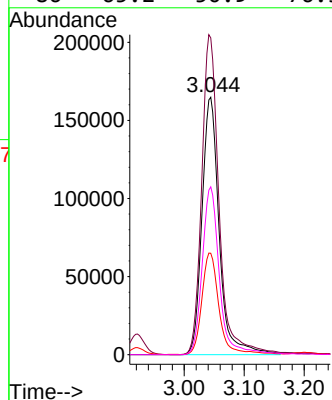
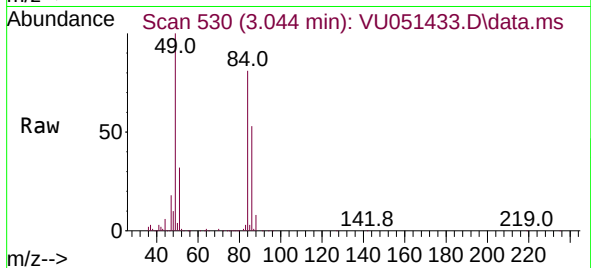




#15
Methylene Chloride
Concen: 11.009 ug/l
RT: 3.044 min Scan# 511
Delta R.T. 0.003 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

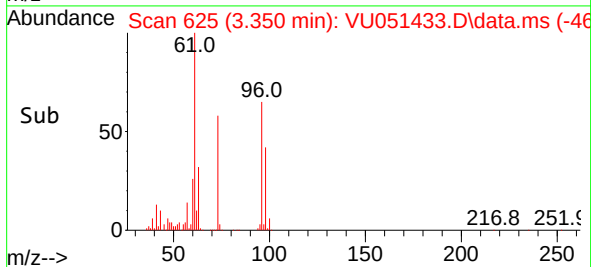
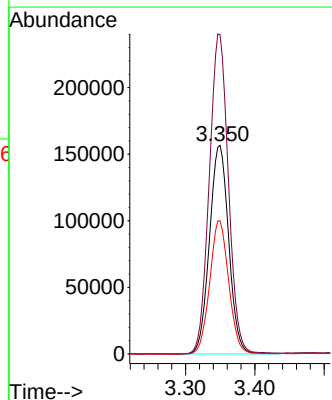
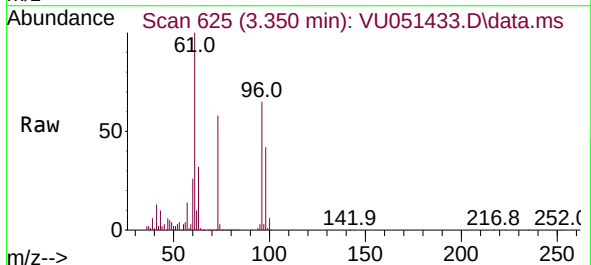
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

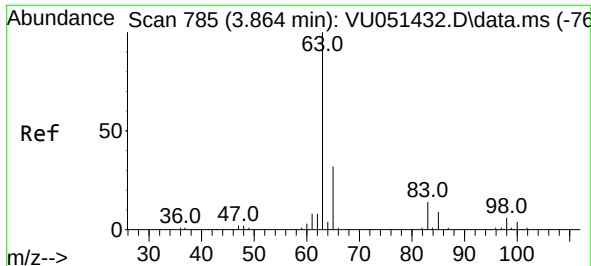
Tgt Ion: 84 Resp: 331333
Ion Ratio Lower Upper
84 100
49 123.0 101.1 151.7
51 39.3 0.0 80.2
86 65.2 50.9 76.3



#16
trans-1,2-Dichloroethene
Concen: 15.241 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.003 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion: 96 Resp: 302125
Ion Ratio Lower Upper
96 100
61 153.1 119.9 179.9
98 63.8 49.5 74.3

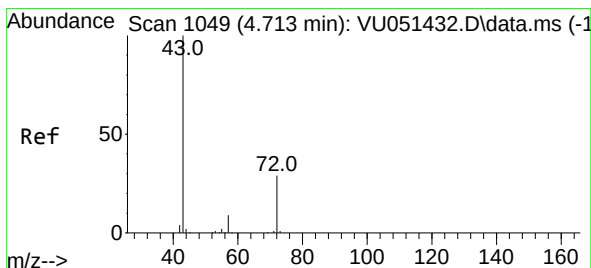
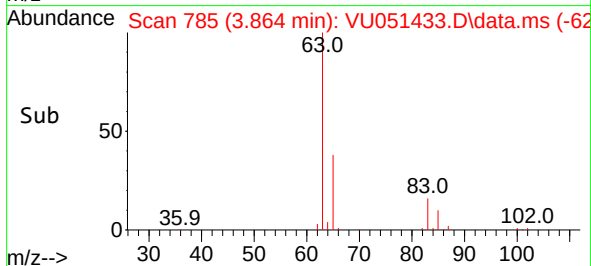
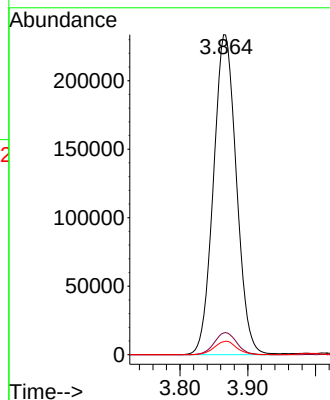
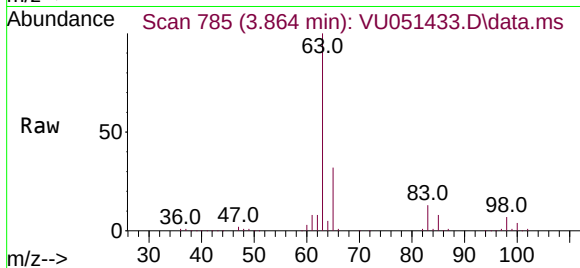




#17
1,1-Dichloroethane
Concen: 15.867 ug/l
RT: 3.864 min Scan# 785
Delta R.T. 0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

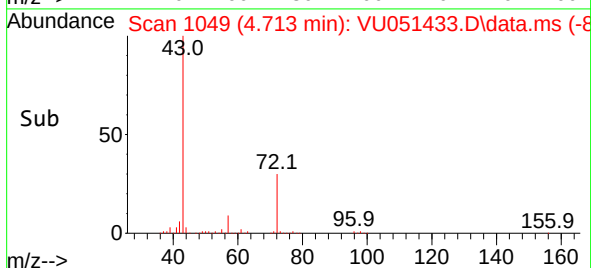
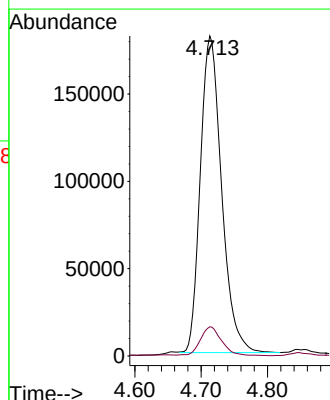
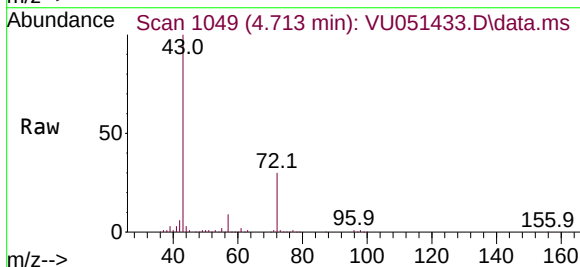
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

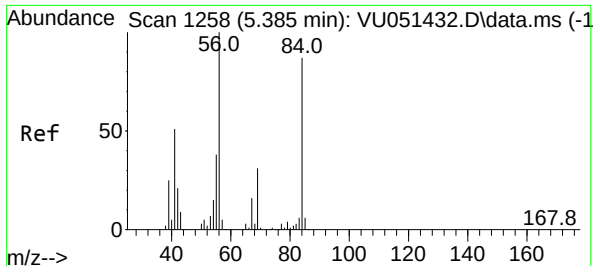
Tgt Ion: 63 Resp: 550727
Ion Ratio Lower Upper
63 100
98 6.8 3.1 9.3
100 4.1 2.1 6.3



#18
2-Butanone
Concen: 84.184 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion: 43 Resp: 404154
Ion Ratio Lower Upper
43 100
57 9.1 0.0 18.2





#19

Cyclohexane

Concen: 16.554 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

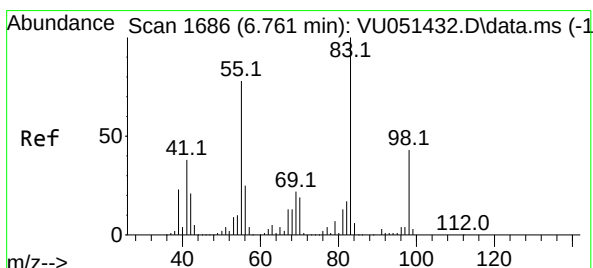
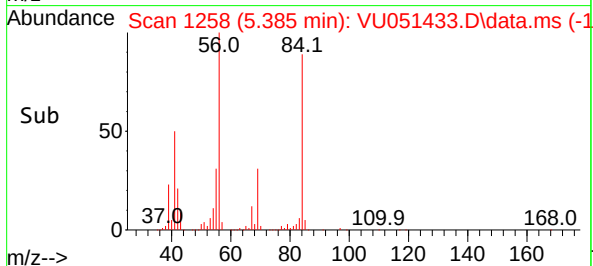
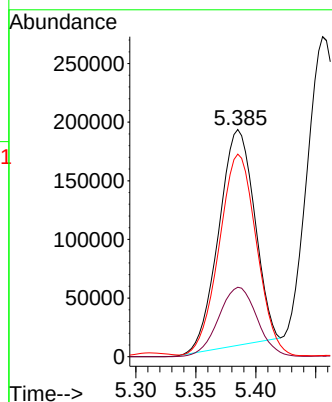
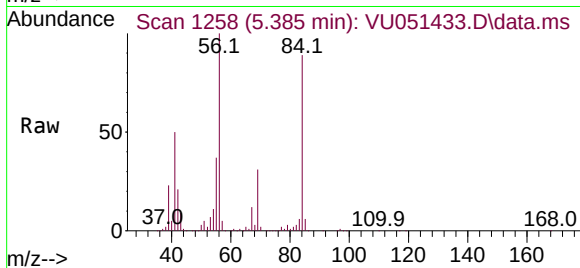
Tgt Ion: 56 Resp: 382840

Ion Ratio Lower Upper

56 100

69 34.4 25.0 37.4

84 97.1 68.5 102.7



#20

Methylcyclohexane

Concen: 19.635 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

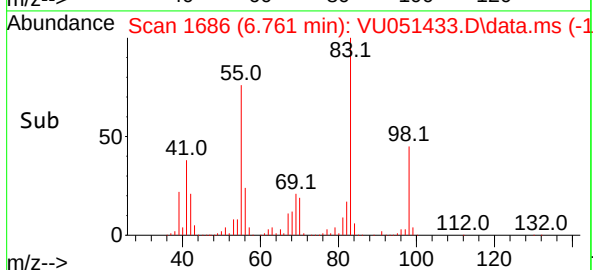
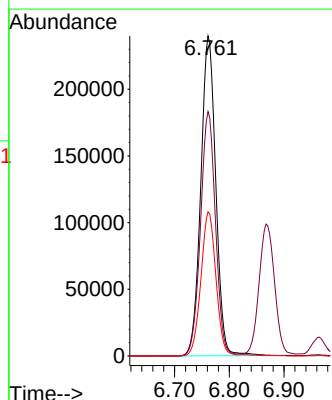
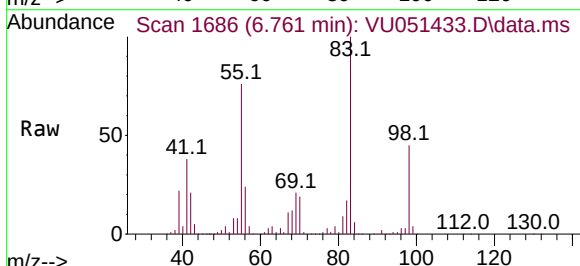
Tgt Ion: 83 Resp: 457061

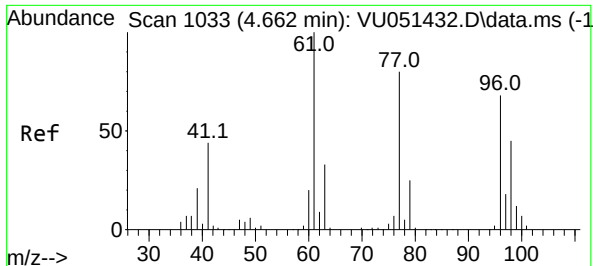
Ion Ratio Lower Upper

83 100

55 75.1 62.4 93.6

98 44.4 35.5 53.3





#21

2,2-Dichloropropane

Concen: 16.615 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :

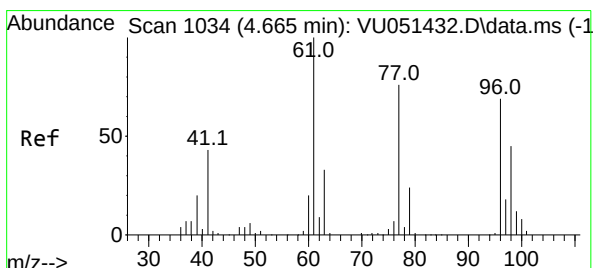
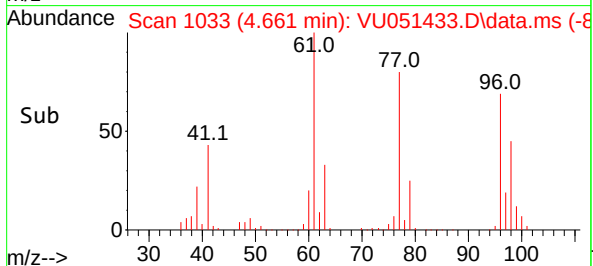
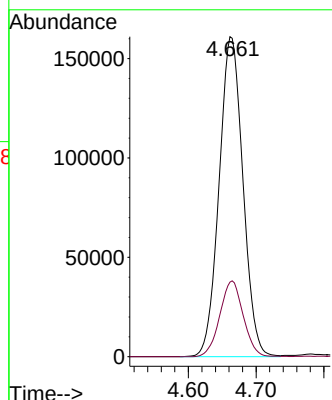
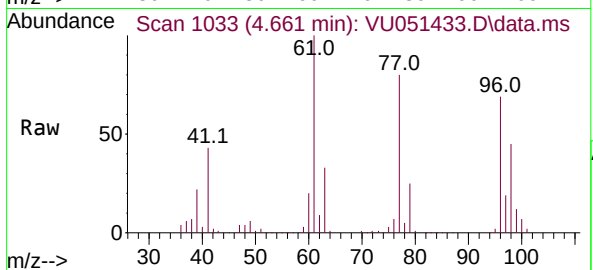
VSTDIC015

Tgt Ion: 77 Resp: 392931

Ion Ratio Lower Upper

77 100

97 23.4 19.0 28.6



#22

cis-1,2-Dichloroethene

Concen: 16.932 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

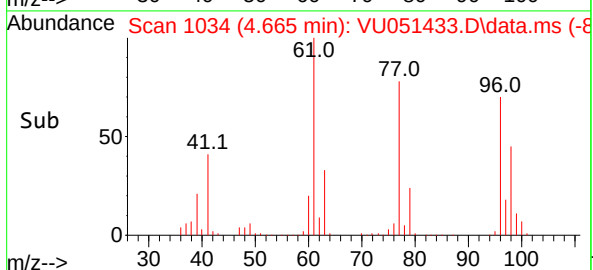
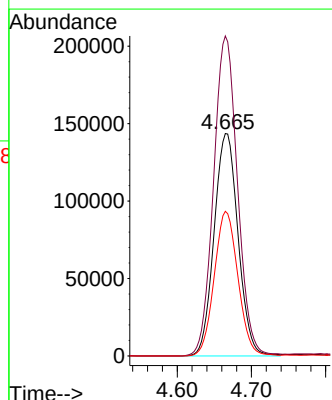
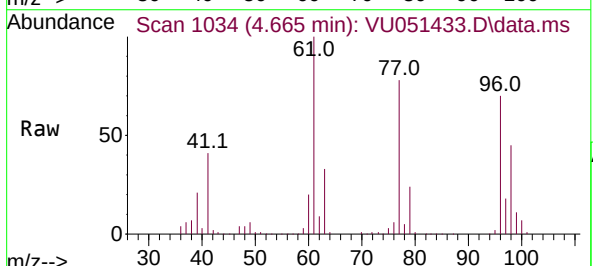
Tgt Ion: 96 Resp: 322572

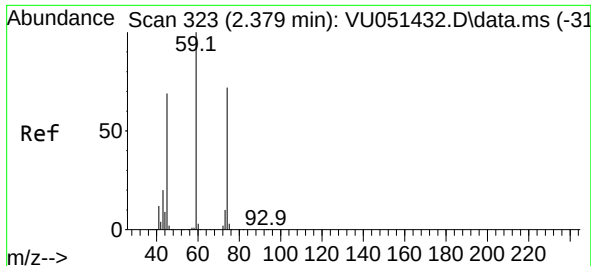
Ion Ratio Lower Upper

96 100

61 143.7 0.0 362.8

98 64.3 32.5 97.5

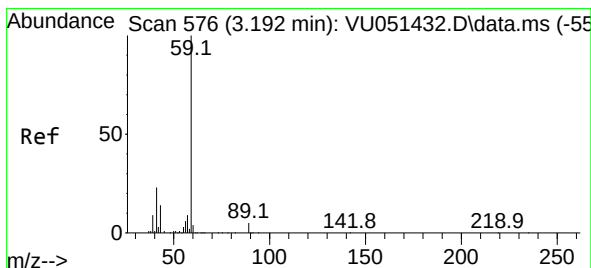
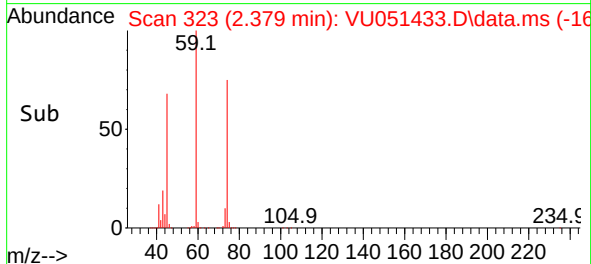
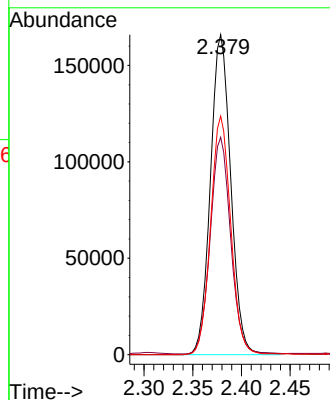
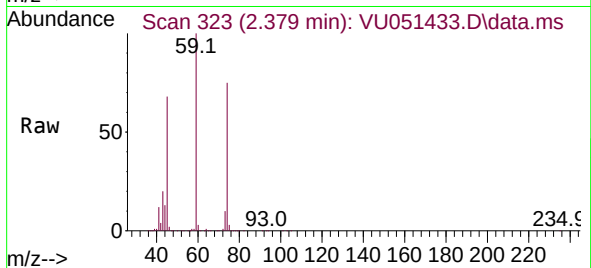




#23
Diethyl Ether
Concen: 15.417 ug/l
RT: 2.379 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

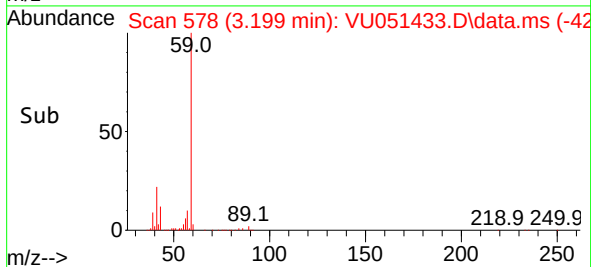
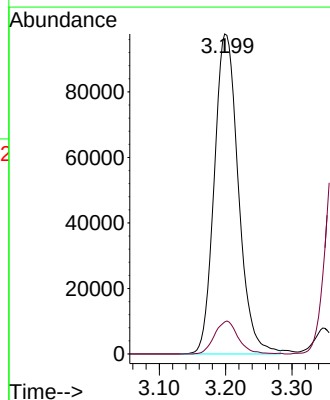
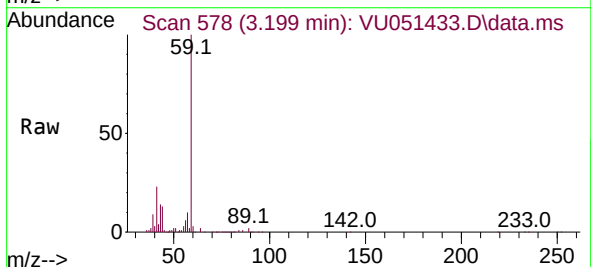
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

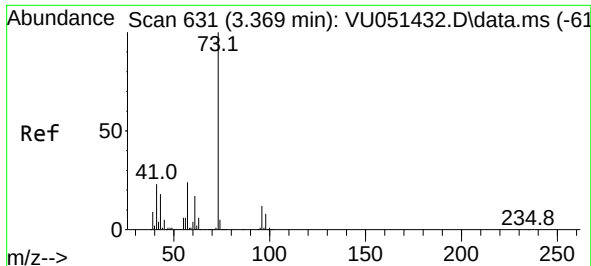
Tgt Ion: 59 Resp: 241147
Ion Ratio Lower Upper
59 100
45 67.8 55.7 83.5
74 73.8 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 272.557 ug/l
RT: 3.199 min Scan# 578
Delta R.T. 0.006 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion: 59 Resp: 246391
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8

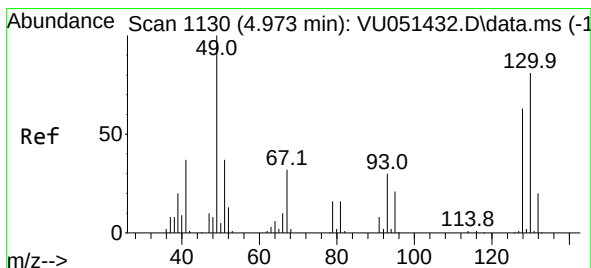
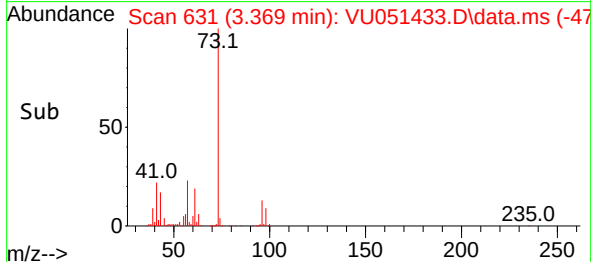
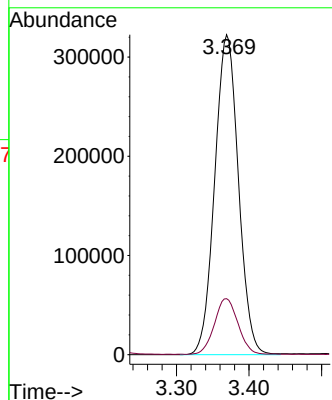
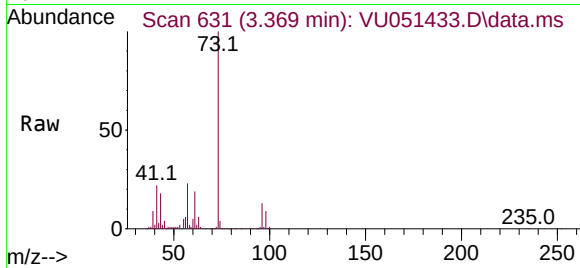




#25
Methyl tert-Butyl Ether
Concen: 15.636 ug/l
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

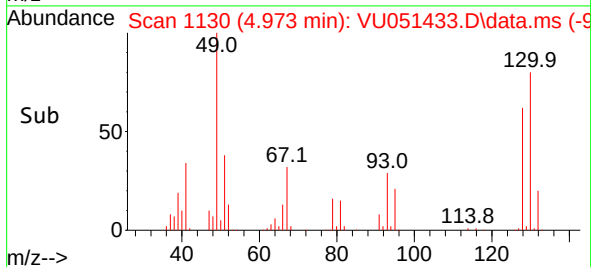
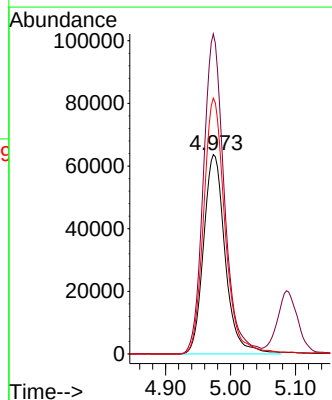
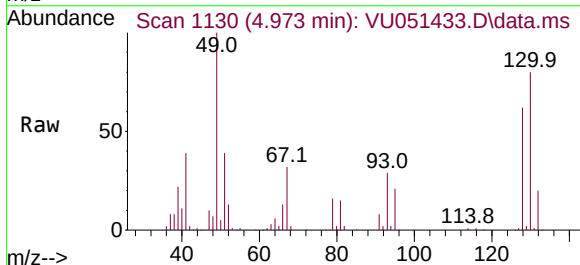
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

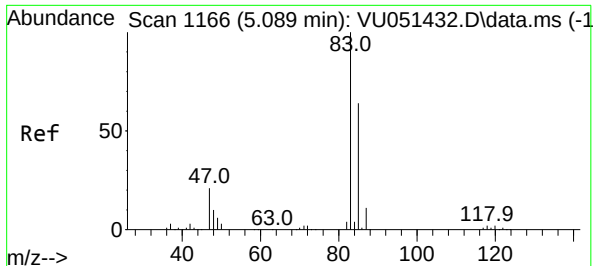
Tgt Ion: 73 Resp: 731080
Ion Ratio Lower Upper
73 100
43 17.4 14.2 21.4



#26
Bromochloromethane
Concen: 16.055 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion: 128 Resp: 147137
Ion Ratio Lower Upper
128 100
49 155.3 0.0 320.4
130 127.5 105.0 157.6





#27

Chloroform

Concen: 15.886 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :

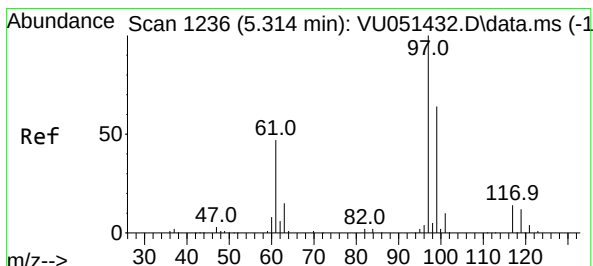
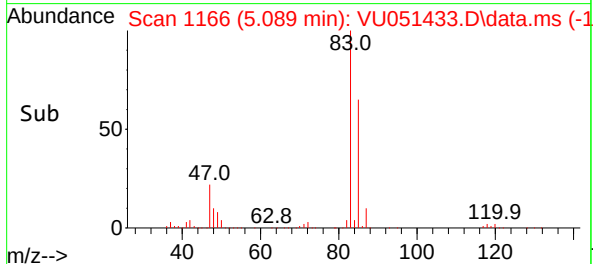
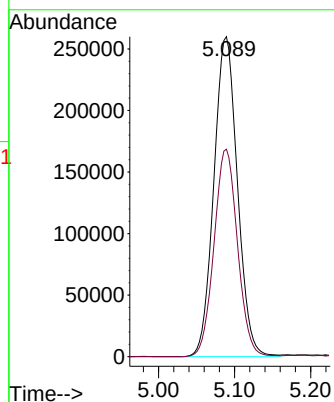
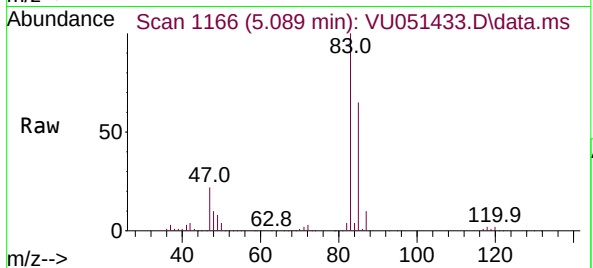
VSTDIC015

Tgt Ion: 83 Resp: 560330

Ion Ratio Lower Upper

83 100

85 64.9 0.0 128.8



#28

1,1,1-Trichloroethane

Concen: 16.299 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

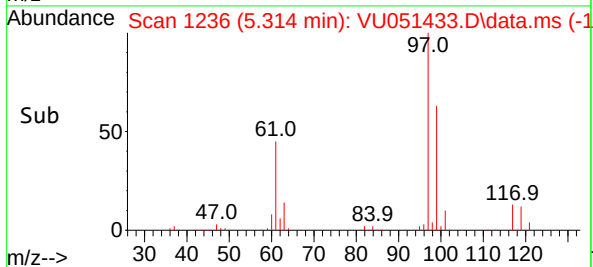
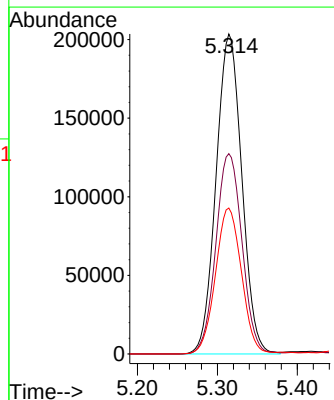
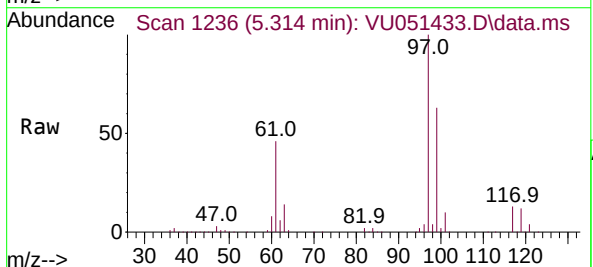
Tgt Ion: 97 Resp: 455706

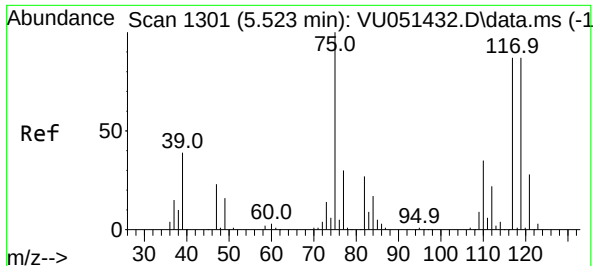
Ion Ratio Lower Upper

97 100

99 63.5 31.8 95.4

61 46.0 23.6 71.0





#29

1,1-Dichloropropene

Concen: 17.938 ug/l

RT: 5.523 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

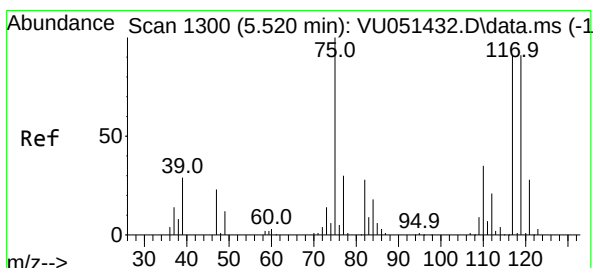
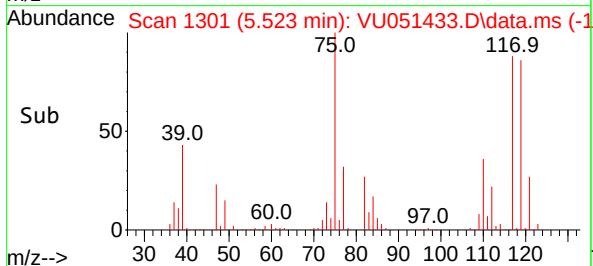
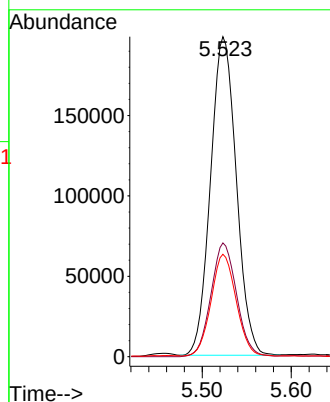
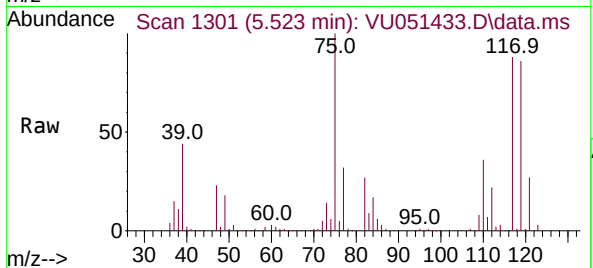
Tgt Ion: 75 Resp: 398870

Ion Ratio Lower Upper

75 100

110 35.5 17.8 53.3

77 30.9 24.2 36.4



#30

Carbon Tetrachloride

Concen: 16.127 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

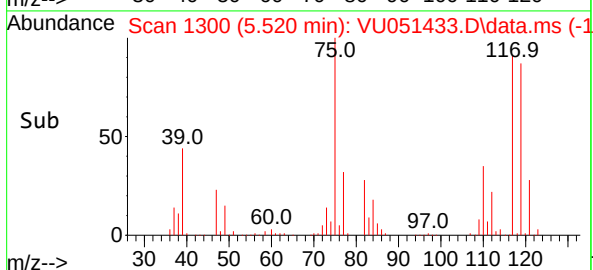
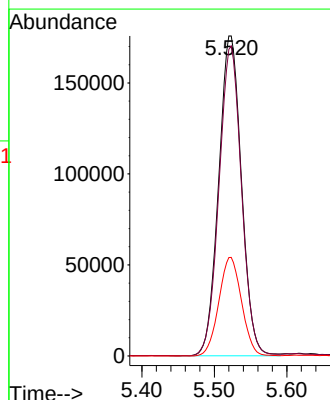
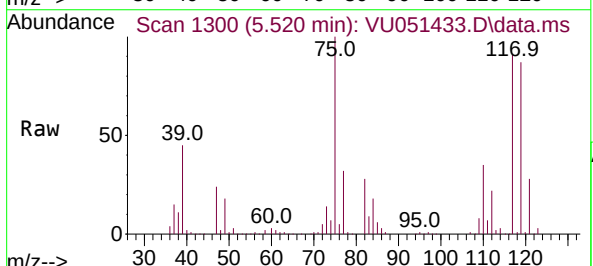
Tgt Ion: 117 Resp: 383019

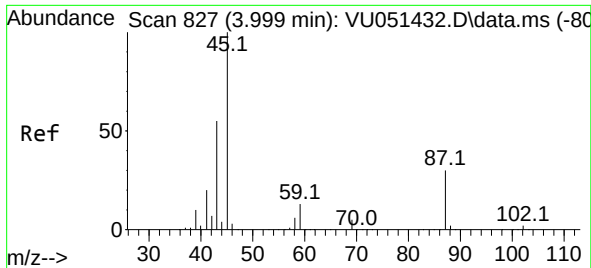
Ion Ratio Lower Upper

117 100

119 95.8 80.0 120.0

121 30.8 24.9 37.3

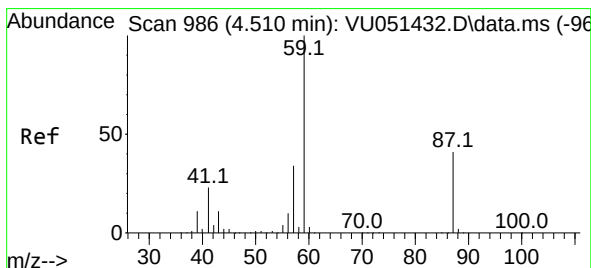
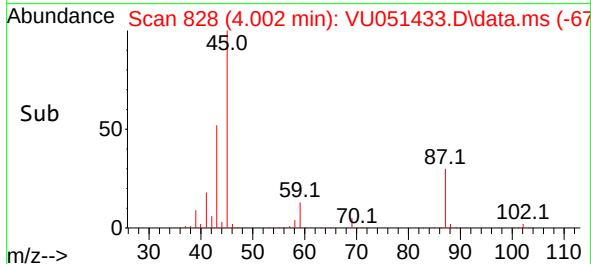
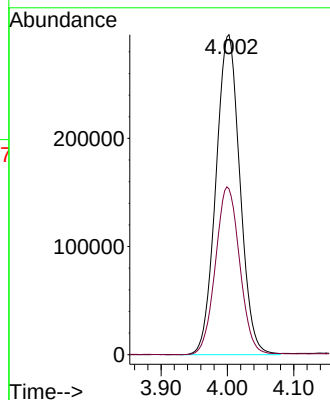
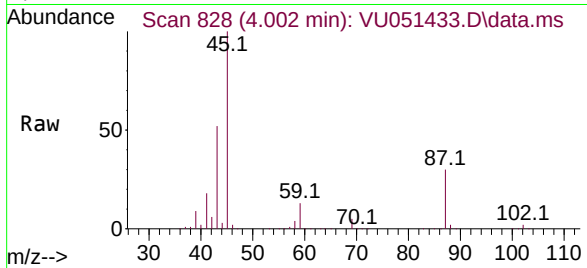




#31
Isopropyl Ether
Concen: 16.593 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

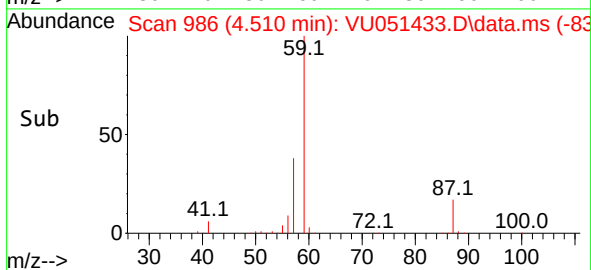
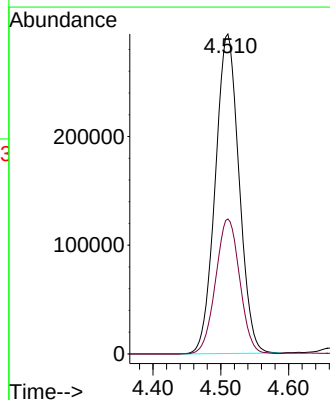
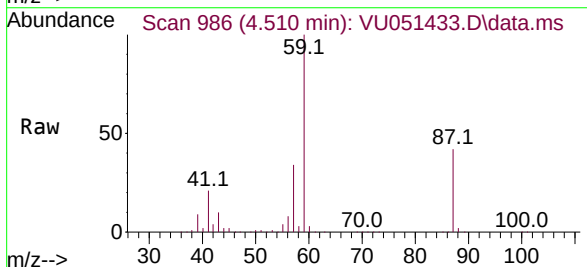
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

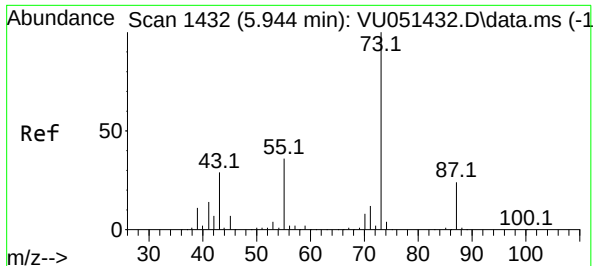
Tgt Ion: 45 Resp: 744796
Ion Ratio Lower Upper
45 100
43 53.2 27.6 82.7



#32
Ethyl-t-butyl ether
Concen: 17.954 ug/l
RT: 4.510 min Scan# 986
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion: 59 Resp: 715890
Ion Ratio Lower Upper
59 100
87 42.7 33.8 50.8

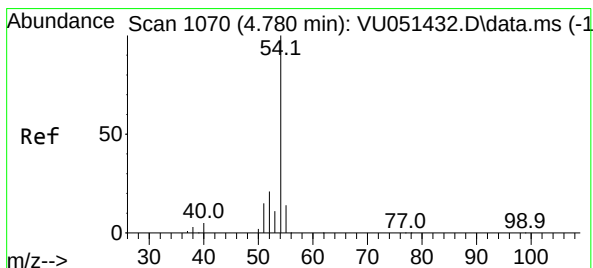
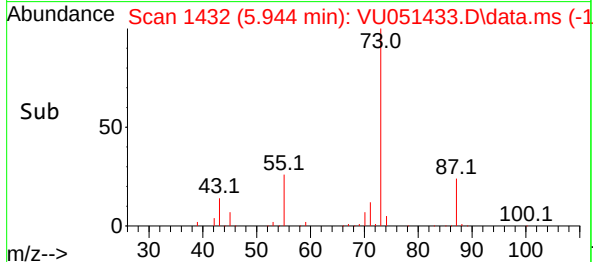
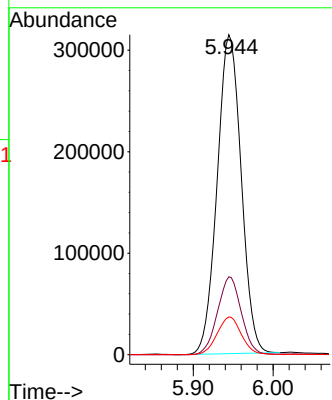
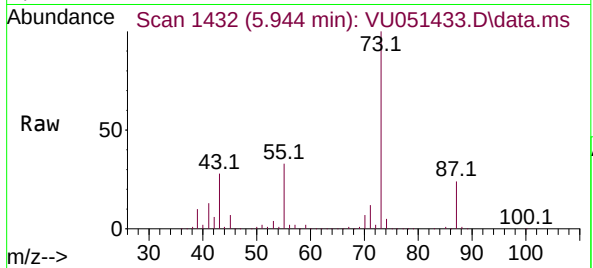




#33
Tert-Amyl methyl ether
Concen: 18.358 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

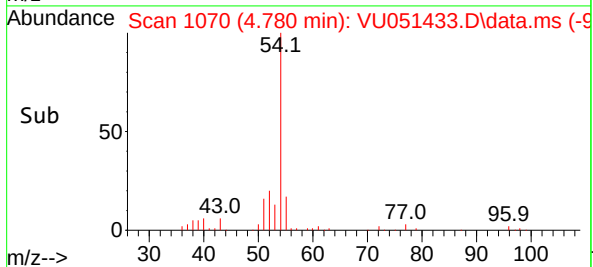
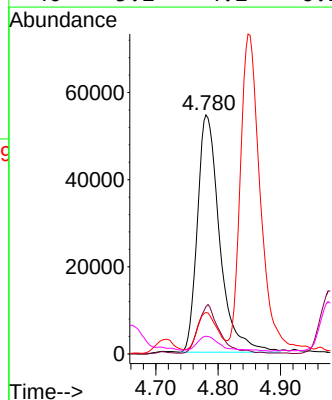
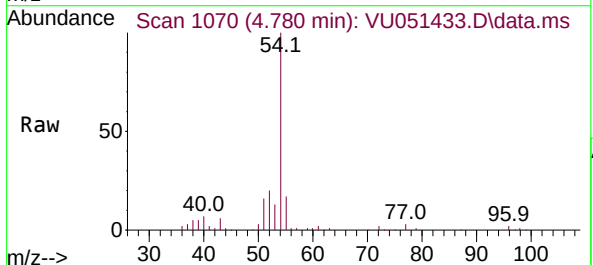
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

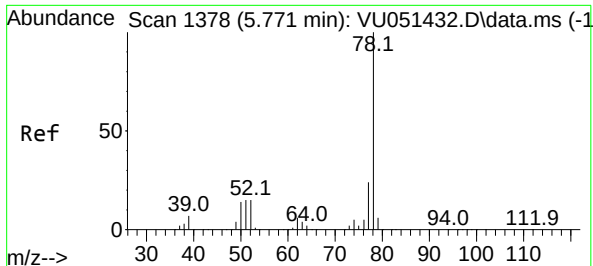
Tgt Ion: 73 Resp: 654339
Ion Ratio Lower Upper
73 100
87 23.9 18.9 28.3
71 12.0 9.4 14.2



#34
Propionitrile
Concen: 89.863 ug/l
RT: 4.780 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion: 54 Resp: 135240
Ion Ratio Lower Upper
54 100
52 18.6 16.4 24.6
55 14.8 11.5 17.3
40 5.2 4.2 6.2

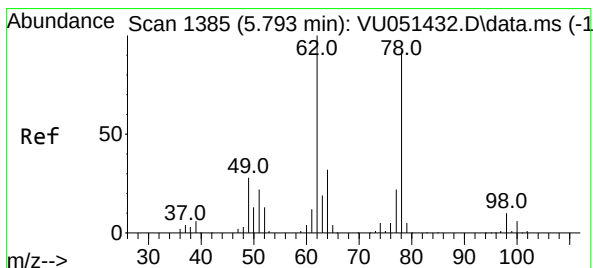
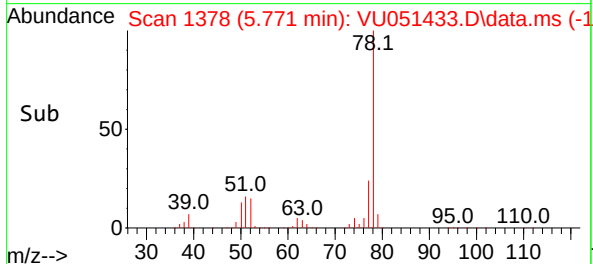
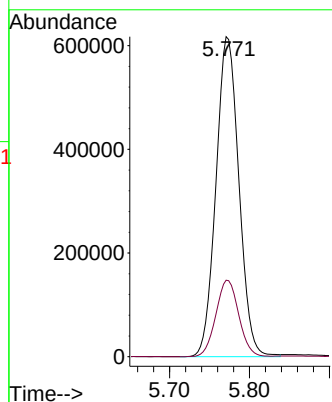
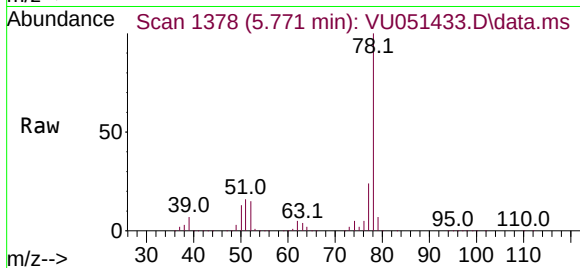




#35
Benzene
Concen: 16.621 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

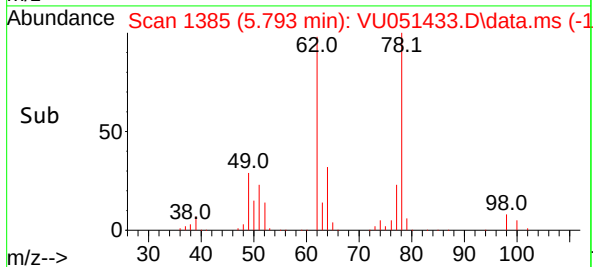
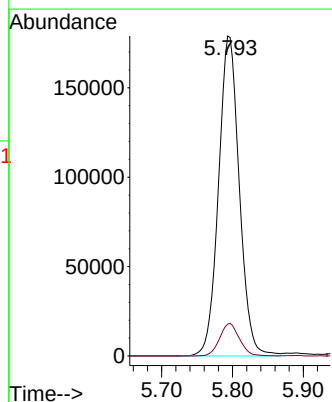
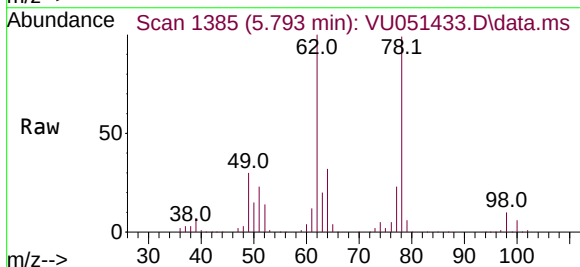
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

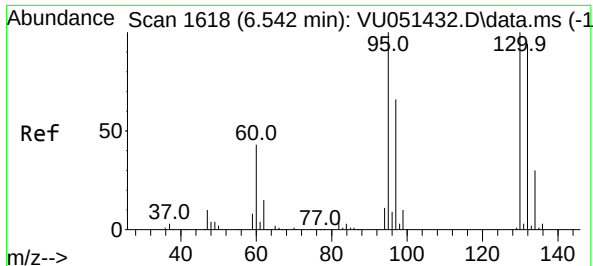
Tgt Ion: 78 Resp: 1227396
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6



#36
1,2-Dichloroethane
Concen: 15.763 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion: 62 Resp: 365073
Ion Ratio Lower Upper
62 100
98 9.7 7.4 11.2





#37

Trichloroethene

Concen: 16.016 ug/l

RT: 6.542 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :

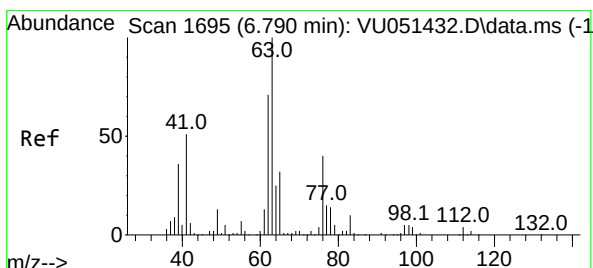
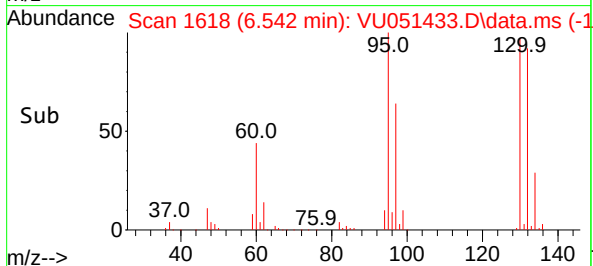
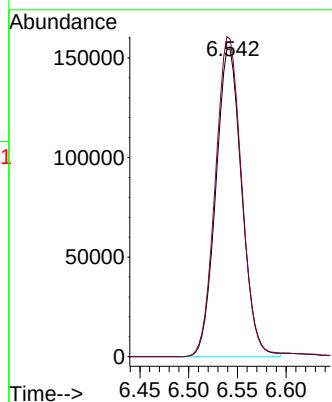
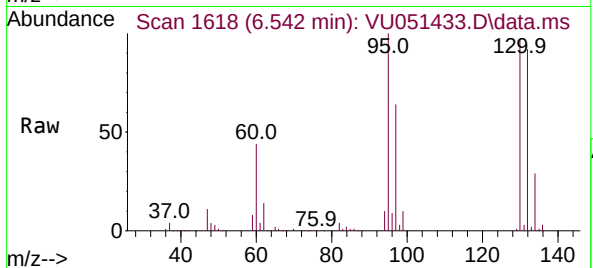
VSTDIC015

Tgt Ion:130 Resp: 286534

Ion Ratio Lower Upper

130 100

95 103.1 80.2 120.4



#38

1,2-Dichloropropane

Concen: 16.500 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU051433.D

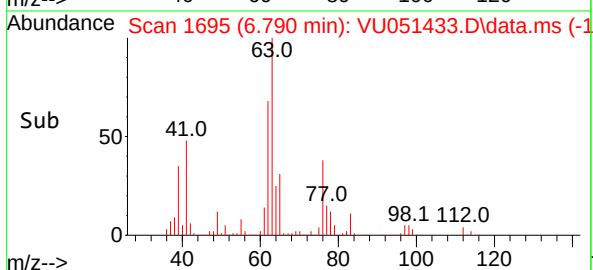
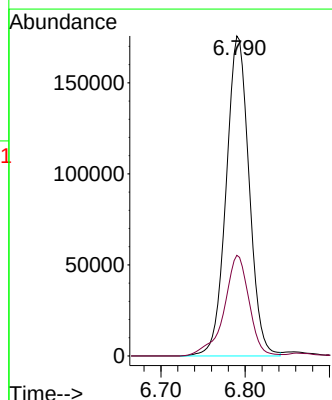
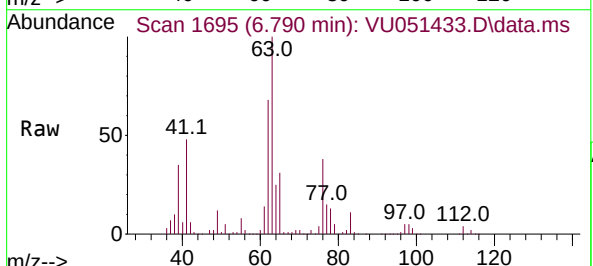
Acq: 17 Oct 2022 17:12

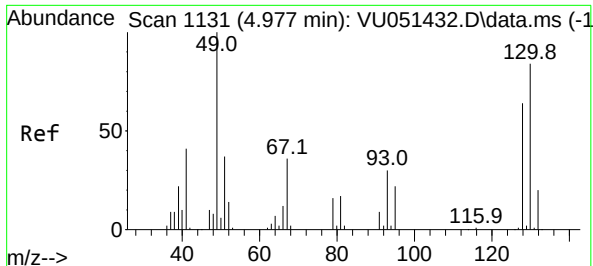
Tgt Ion: 63 Resp: 331962

Ion Ratio Lower Upper

63 100

65 31.5 25.4 38.2





#39

Methacrylonitrile

Concen: 18.248 ug/l

RT: 4.980 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 41 Resp: 97056

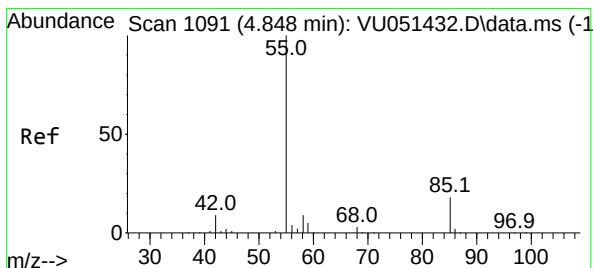
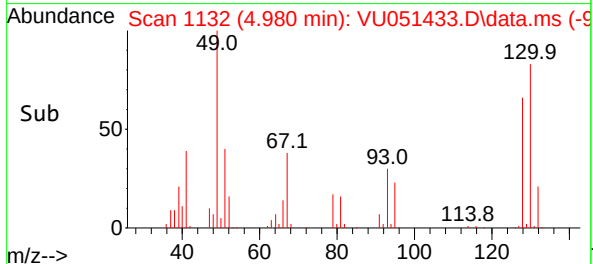
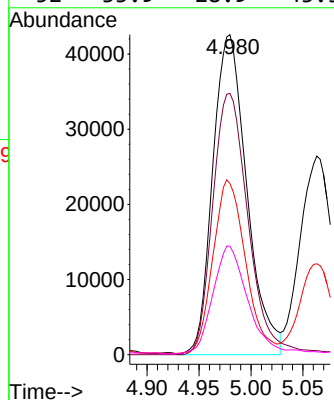
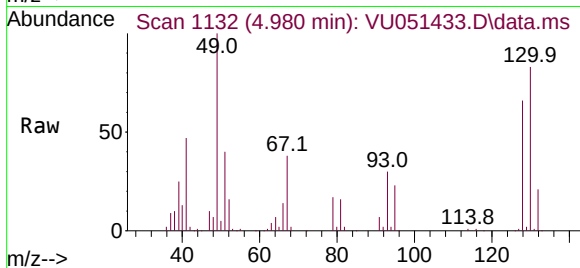
Ion Ratio Lower Upper

41 100

67 85.2 69.6 104.4

39 51.7 42.2 63.4

52 33.9 28.9 43.3



#40

Methyl acrylate

Concen: 17.568 ug/l

RT: 4.848 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

Tgt Ion: 55 Resp: 160557

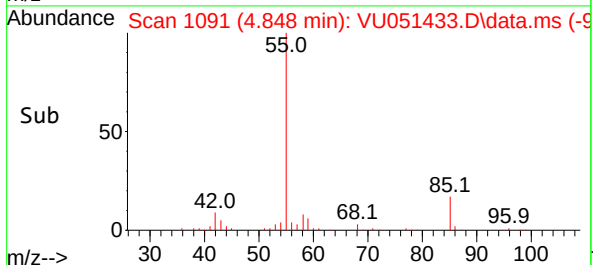
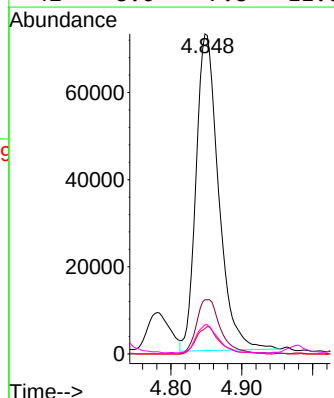
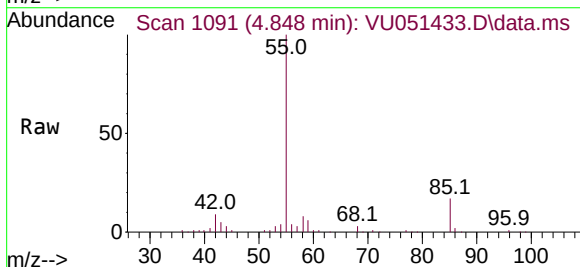
Ion Ratio Lower Upper

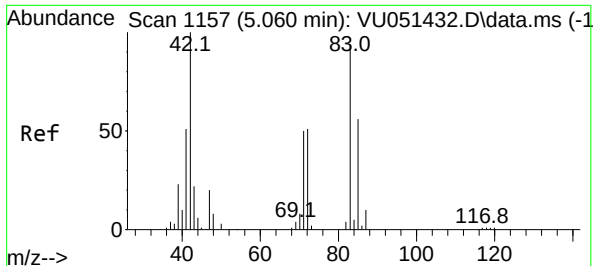
55 100

85 18.2 15.0 22.6

58 8.9 7.5 11.3

42 8.6 7.8 11.6

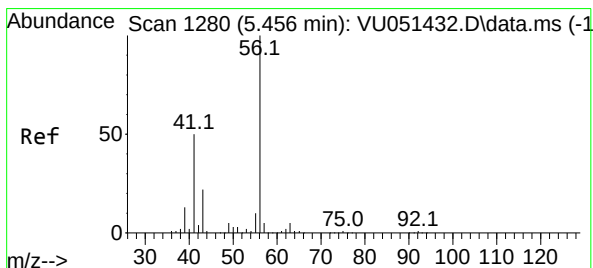
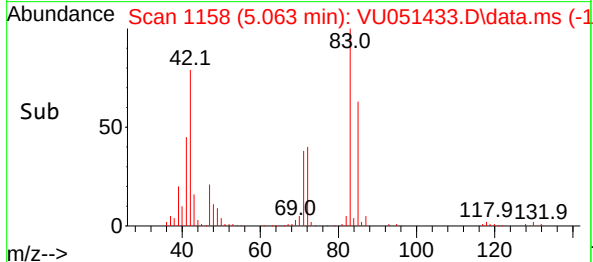
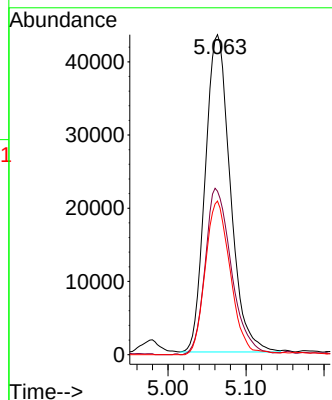
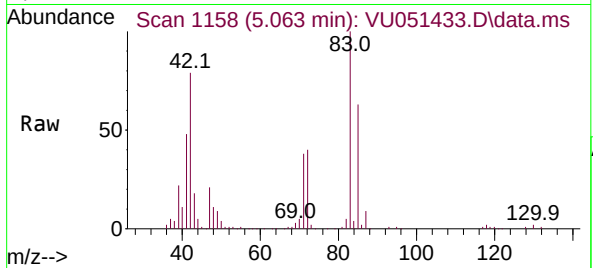




#41
Tetrahydrofuran
Concen: 34.488 ug/l
RT: 5.063 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

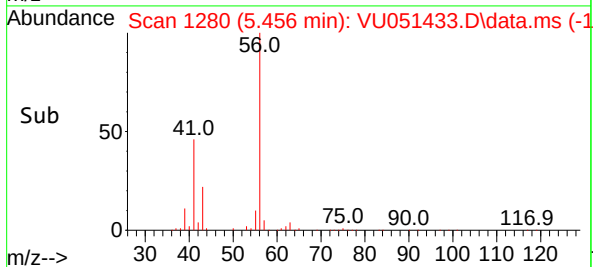
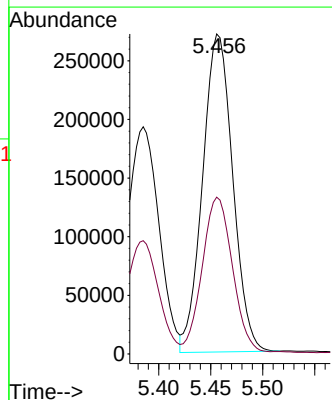
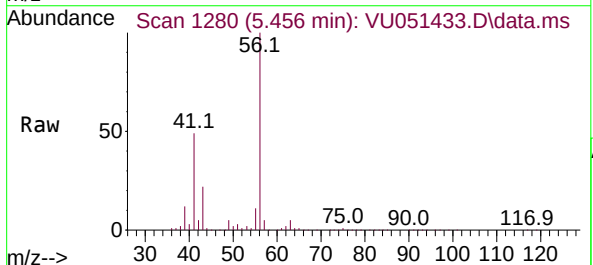
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

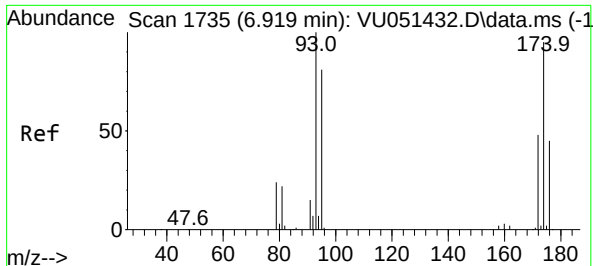
Tgt Ion: 42 Resp: 96804
Ion Ratio Lower Upper
42 100
72 54.9 42.6 64.0
71 48.6 38.3 57.5



#42
1-Chlorobutane
Concen: 17.715 ug/l
RT: 5.456 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion: 56 Resp: 547261
Ion Ratio Lower Upper
56 100
41 48.7 24.8 74.4

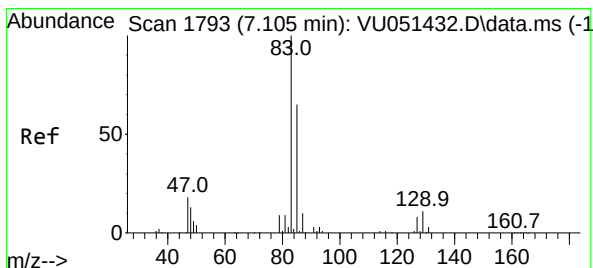
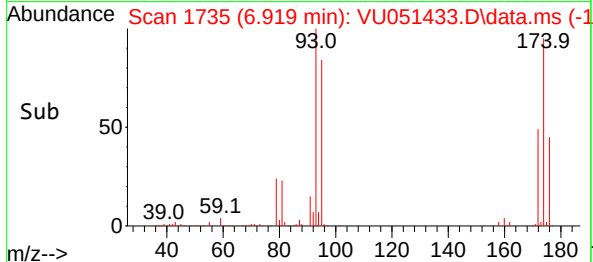
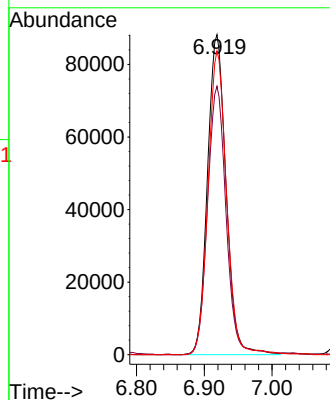
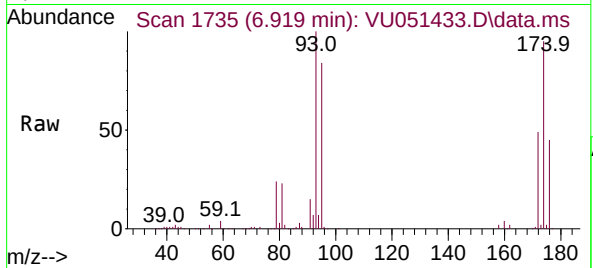




#43
Dibromomethane
Concen: 15.538 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

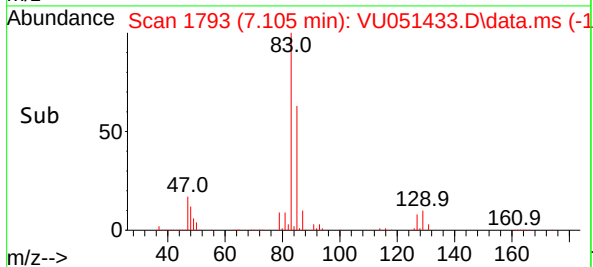
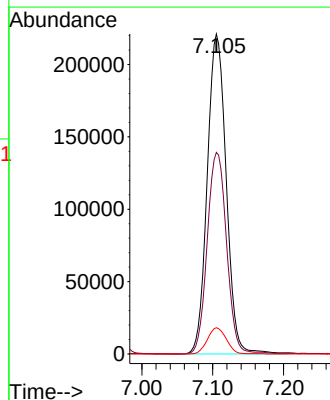
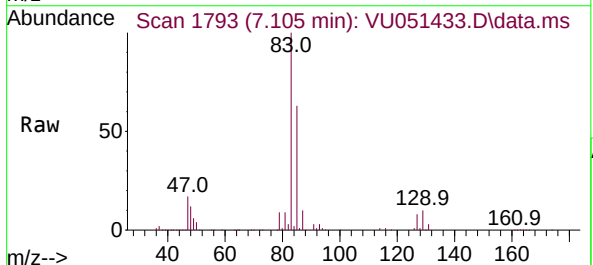
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

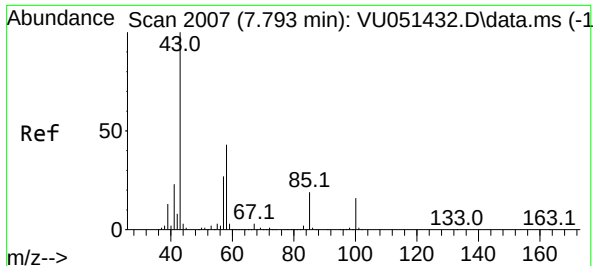
Tgt Ion: 93 Resp: 167923
Ion Ratio Lower Upper
93 100
95 84.5 66.7 100.1
174 93.5 75.5 113.3



#44
Bromodichloromethane
Concen: 16.240 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion: 83 Resp: 411047
Ion Ratio Lower Upper
83 100
85 63.0 52.1 78.1
127 8.2 6.8 10.2





#45

4-Methyl-2-Pentanone

Concen: 86.914 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

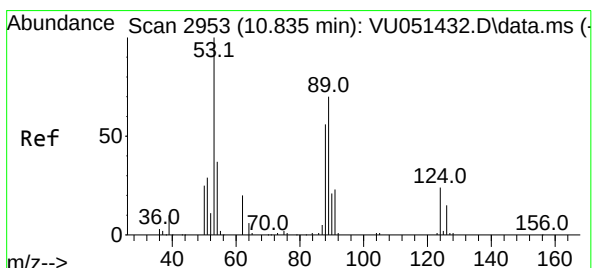
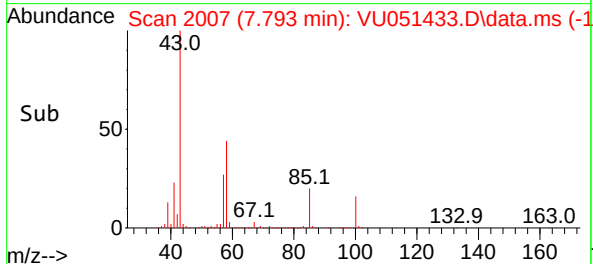
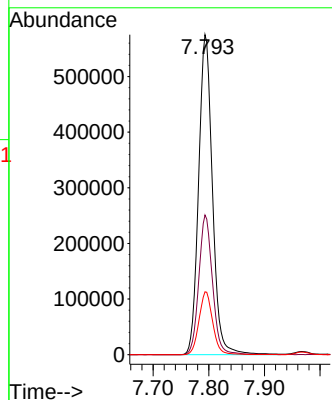
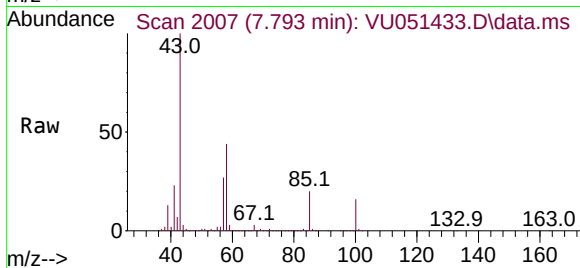
Tgt Ion: 43 Resp: 993625

Ion Ratio Lower Upper

43 100

58 43.3 21.4 64.3

85 19.4 15.4 23.0



#46

t-1,4-Dichloro-2-butene

Concen: 104.477 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. -0.010 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

Tgt Ion: 75 Resp: 421700

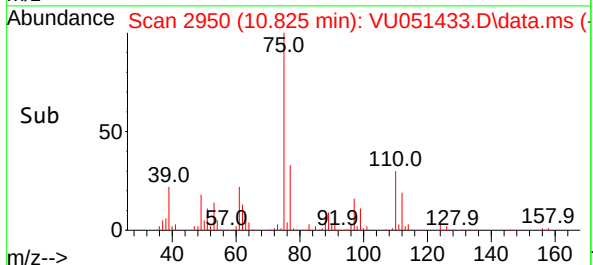
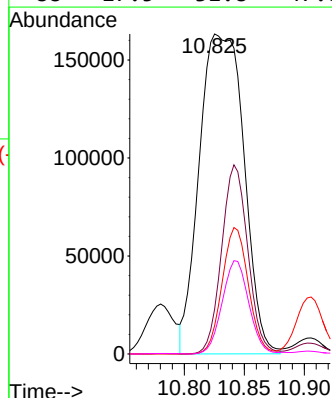
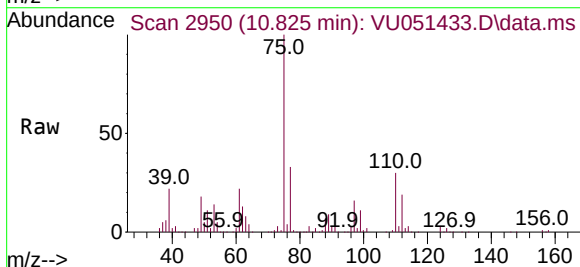
Ion Ratio Lower Upper

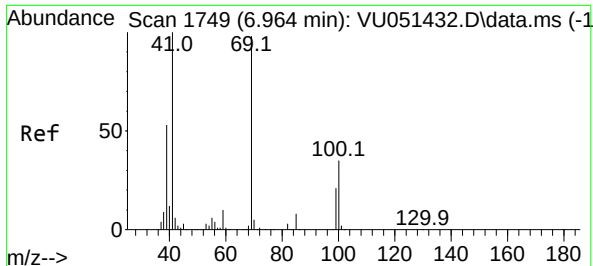
75 100

53 34.9 61.1 91.7#

89 23.4 41.0 61.6#

88 17.5 31.8 47.8#





#47

Methyl methacrylate

Concen: 37.755 ug/l

RT: 6.964 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 69 Resp: 328668

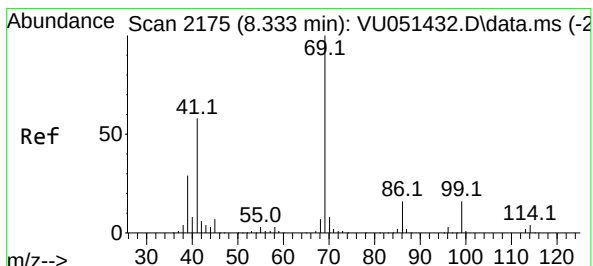
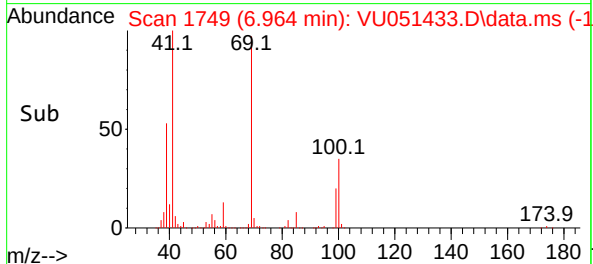
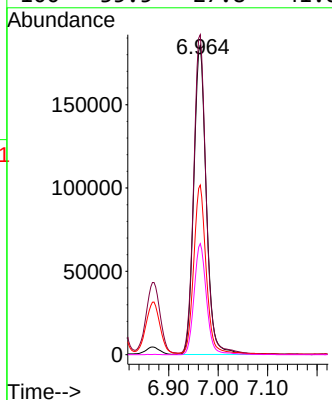
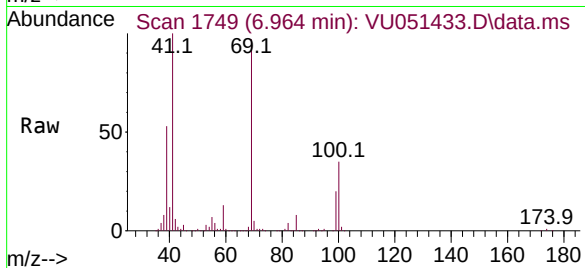
Ion Ratio Lower Upper

69 100

41 102.2 0.0 200.8

39 53.1 44.1 66.1

100 35.5 27.8 41.8



#48

Ethyl methacrylate

Concen: 19.617 ug/l

RT: 8.333 min Scan# 2175

Delta R.T. -0.000 min

Lab File: VU051433.D

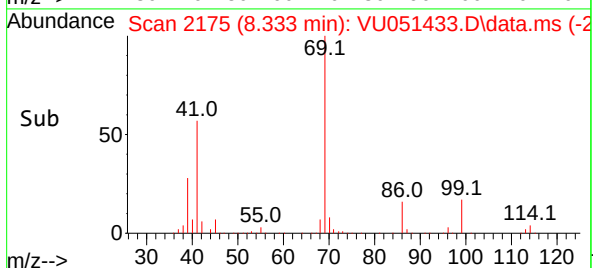
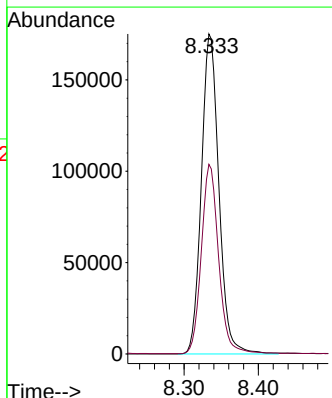
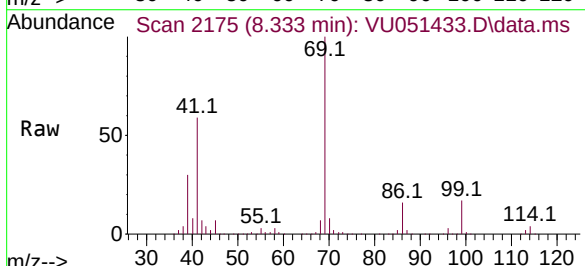
Acq: 17 Oct 2022 17:12

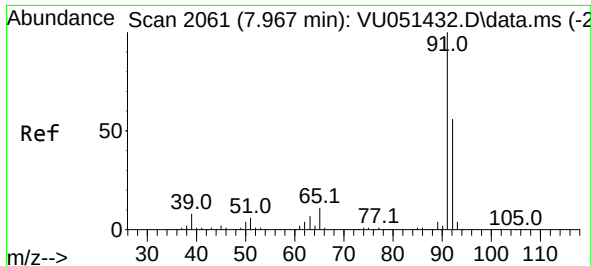
Tgt Ion: 69 Resp: 286429

Ion Ratio Lower Upper

69 100

41 58.3 28.8 86.5

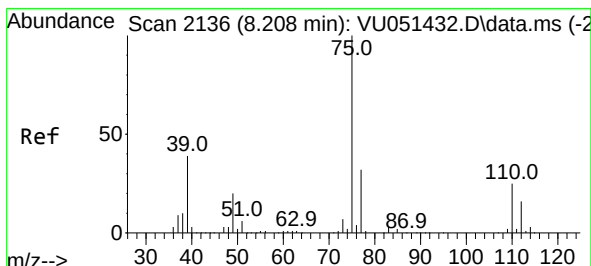
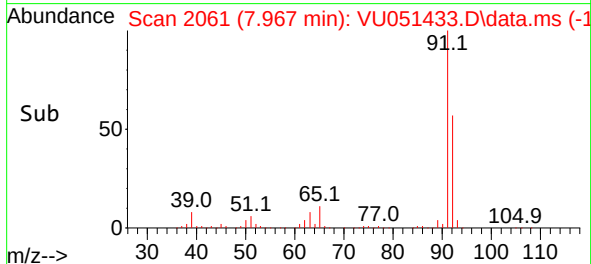
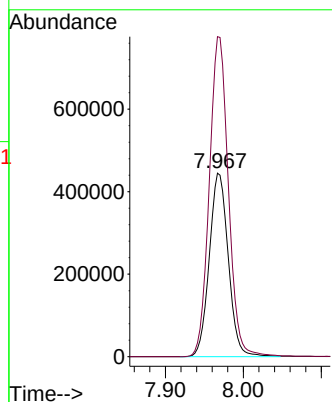
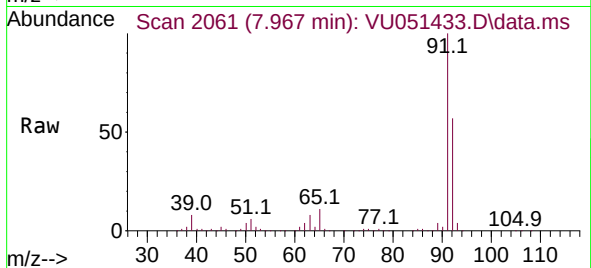




#49
Toluene
Concen: 18.687 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

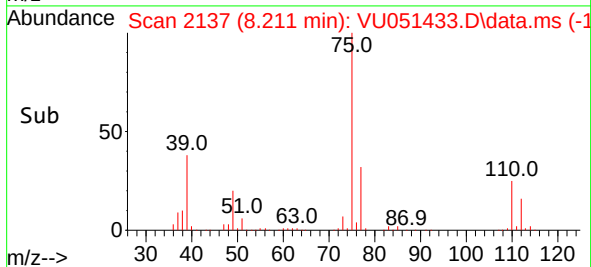
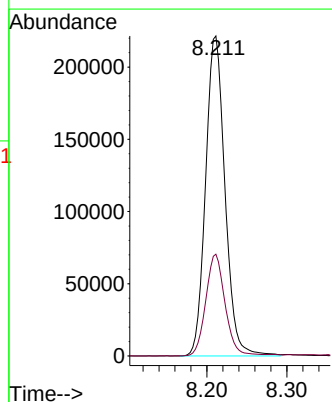
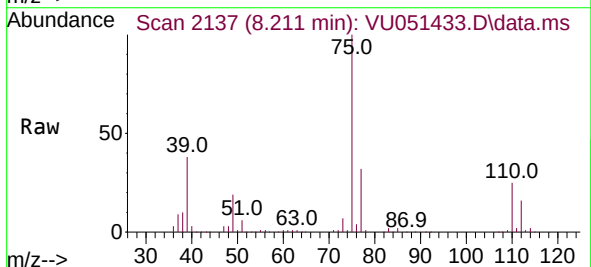
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

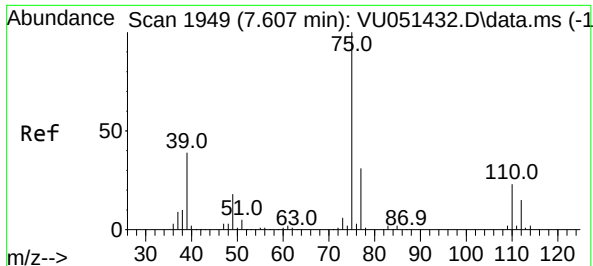
Tgt Ion: 92 Resp: 753445
Ion Ratio Lower Upper
92 100
91 175.7 141.8 212.6



#50
t-1,3-Dichloropropene
Concen: 18.304 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion: 75 Resp: 373909
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.6





#51

cis-1,3-Dichloropropene

Concen: 18.129 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

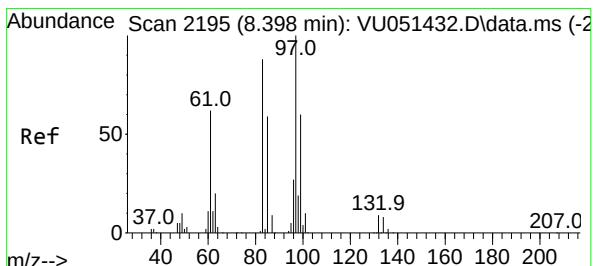
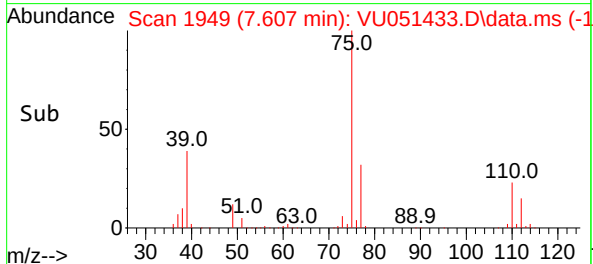
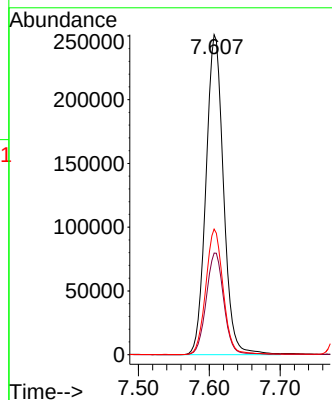
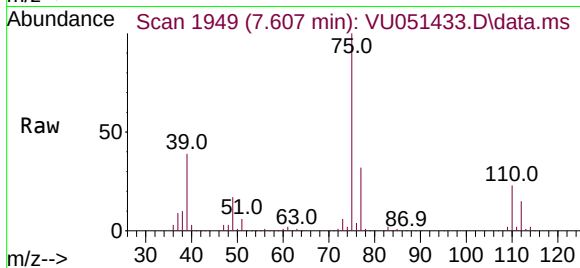
Tgt Ion: 75 Resp: 431760

Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7

39 39.2 31.4 47.0



#52

1,1,2-Trichloroethane

Concen: 15.519 ug/l

RT: 8.401 min Scan# 2196

Delta R.T. 0.003 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

Tgt Ion: 97 Resp: 244058

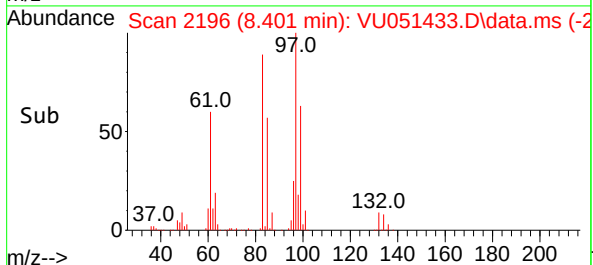
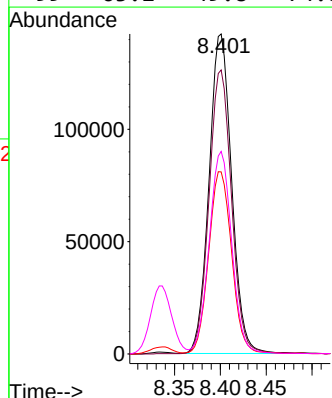
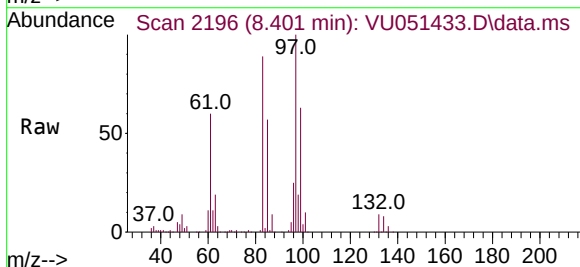
Ion Ratio Lower Upper

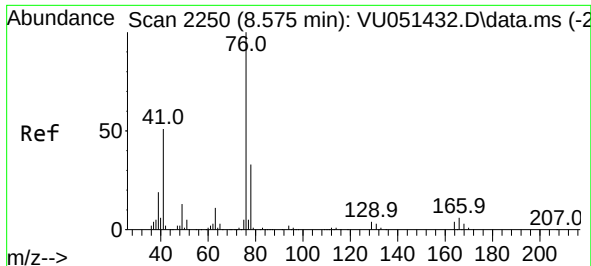
97 100

83 88.8 70.6 105.8

85 56.7 47.0 70.4

99 63.2 49.8 74.8





#53

1,3-Dichloropropane

Concen: 16.678 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :

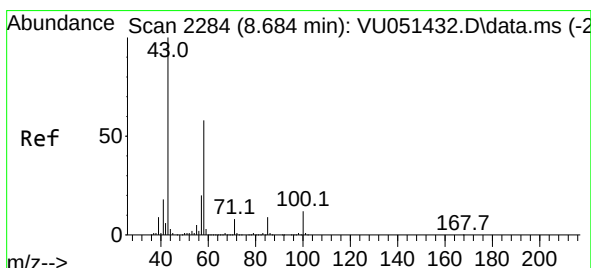
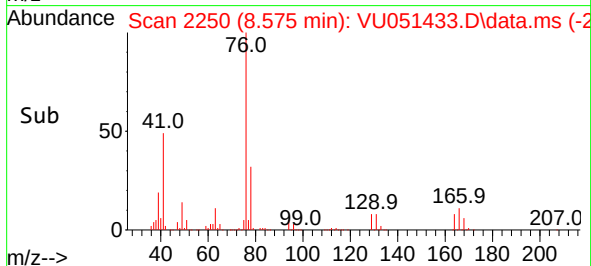
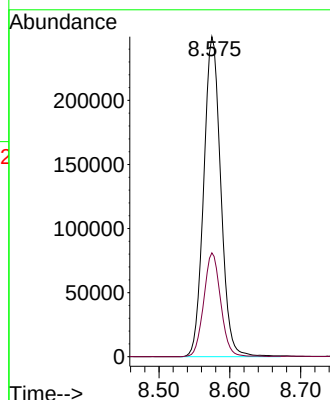
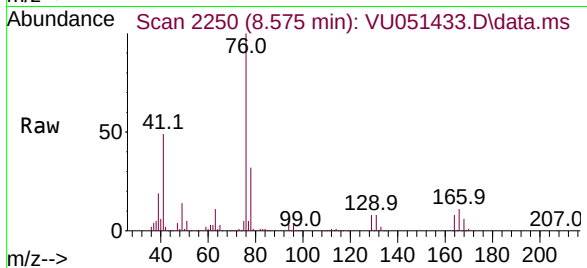
VSTDICC015

Tgt Ion: 76 Resp: 417965

Ion Ratio Lower Upper

76 100

78 32.1 26.4 39.6



#54

2-Hexanone

Concen: 87.619 ug/l

RT: 8.684 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

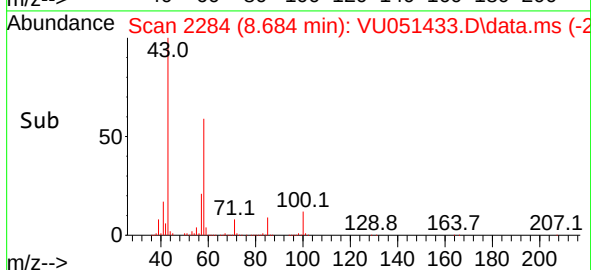
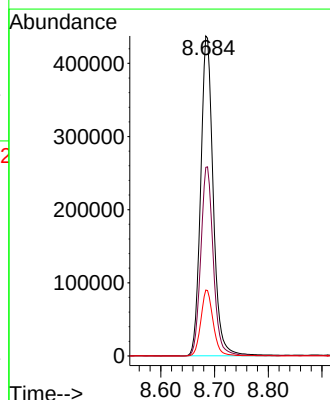
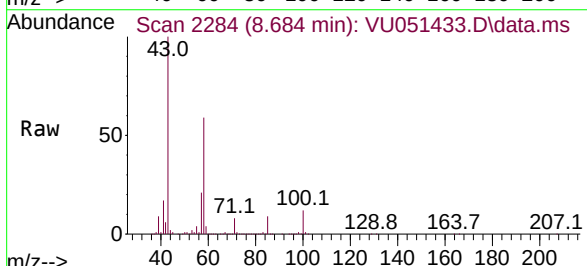
Tgt Ion: 43 Resp: 708981

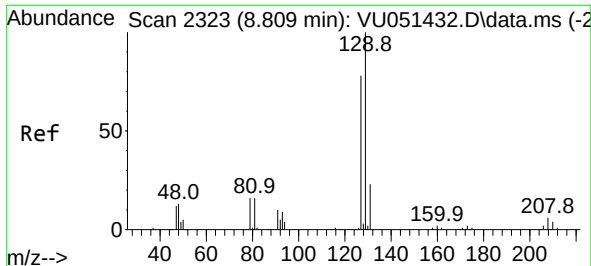
Ion Ratio Lower Upper

43 100

58 59.1 38.0 78.0

57 20.4 0.0 39.9

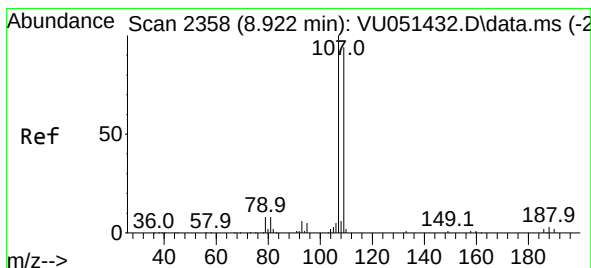
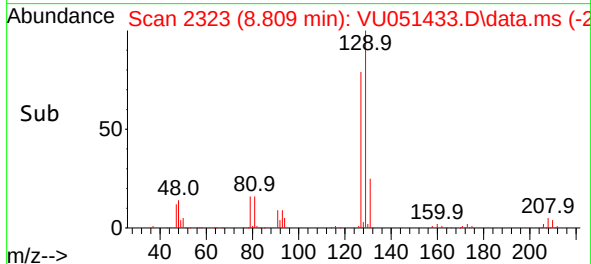
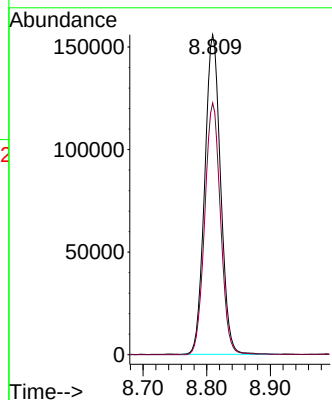
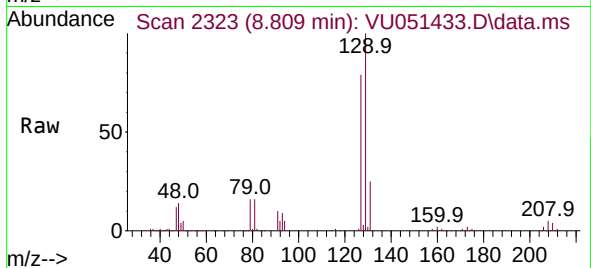




#55
Dibromochloromethane
Concen: 15.729 ug/l
RT: 8.809 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

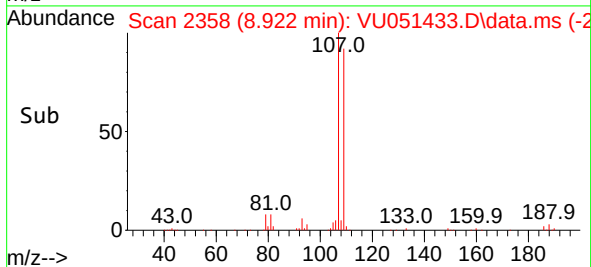
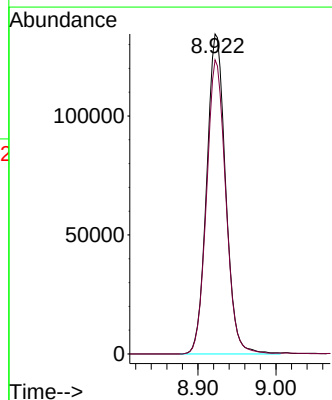
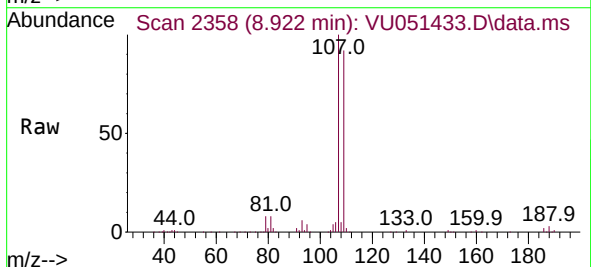
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

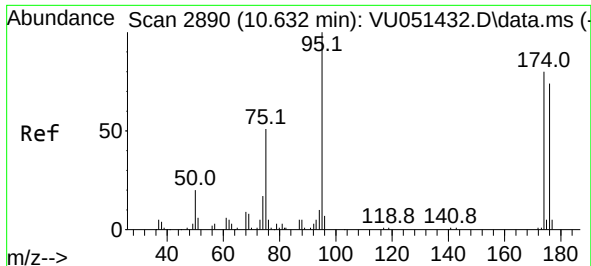
Tgt Ion:129 Resp: 269537
Ion Ratio Lower Upper
129 100
127 78.6 62.1 93.1



#56
1,2-Dibromoethane
Concen: 16.211 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion:107 Resp: 227167
Ion Ratio Lower Upper
107 100
109 93.1 0.0 190.6

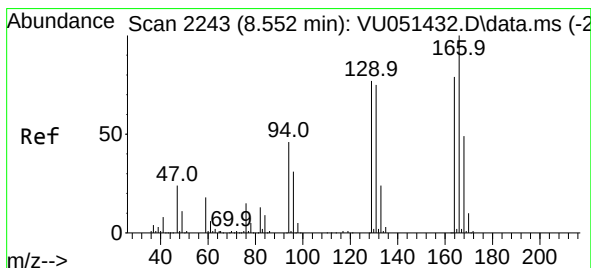
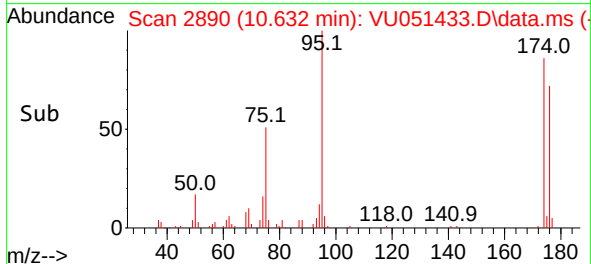
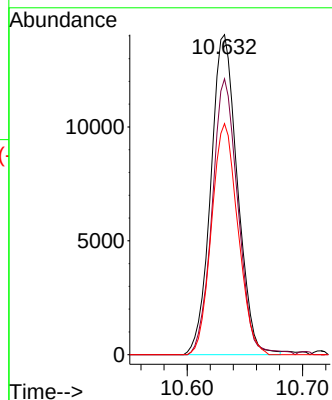
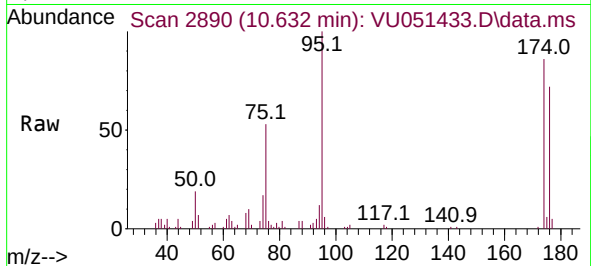




#57
4-Bromofluorobenzene
Concen: 1.129 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

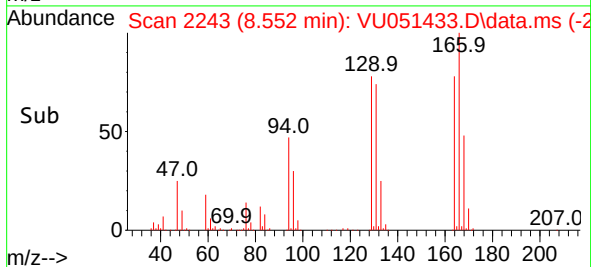
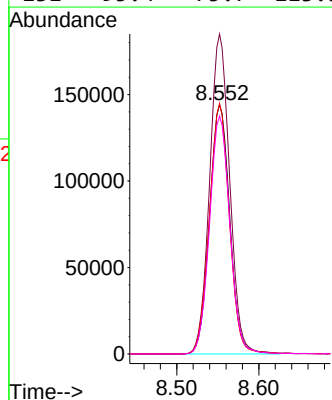
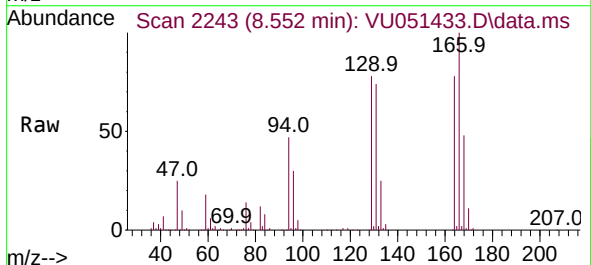
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

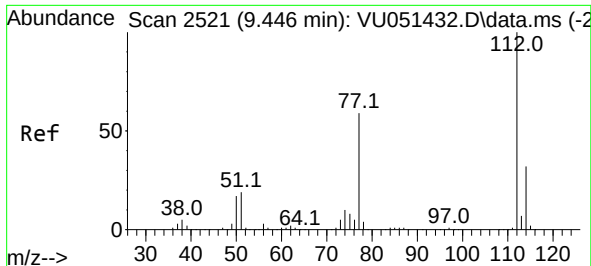
Tgt Ion: 95 Resp: 22484
Ion Ratio Lower Upper
95 100
174 83.4 63.0 94.6
176 71.6 59.8 89.6



#58
Tetrachloroethene
Concen: 14.037 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion: 164 Resp: 247767
Ion Ratio Lower Upper
164 100
166 128.3 100.9 151.3
129 100.5 77.5 116.3
131 95.4 75.7 113.5





#59

Chlorobenzene

Concen: 17.733 ug/l

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :

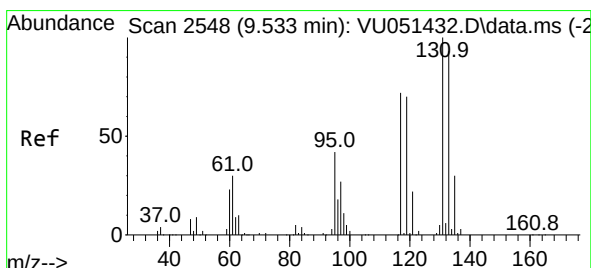
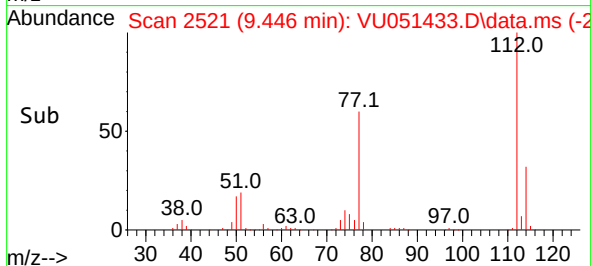
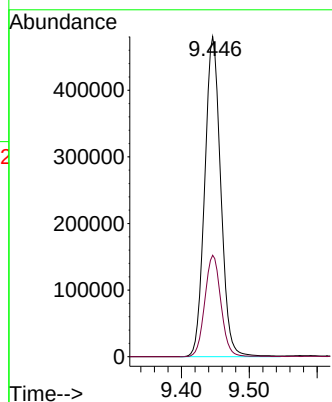
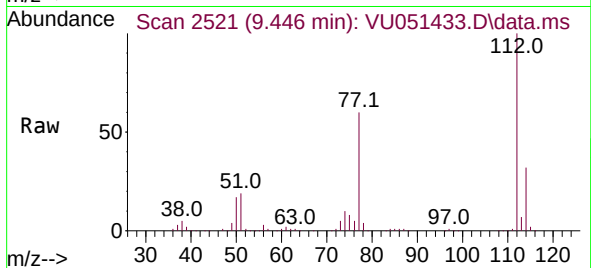
VSTDIC015

Tgt Ion:112 Resp: 788350

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 15.898 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. 0.000 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

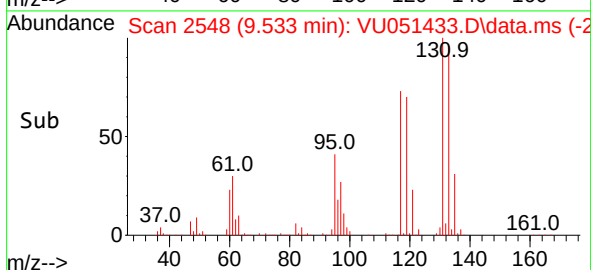
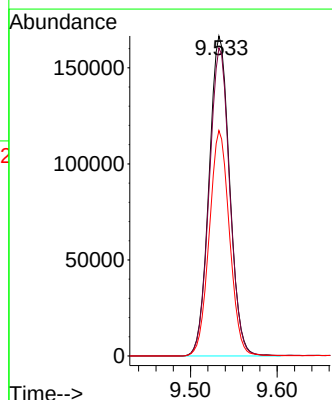
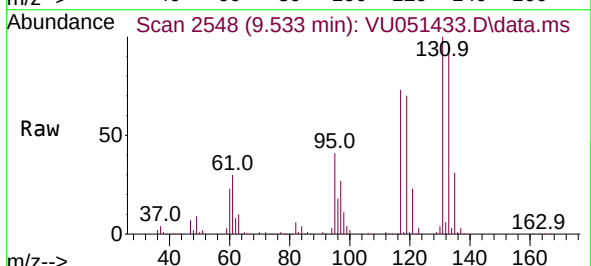
Tgt Ion:131 Resp: 275291

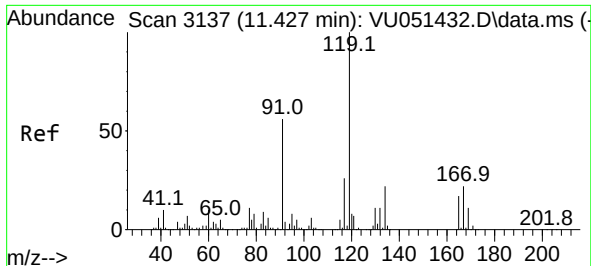
Ion Ratio Lower Upper

131 100

133 96.1 76.5 114.7

119 69.2 56.5 84.7

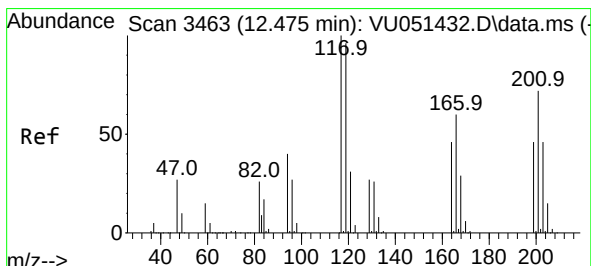
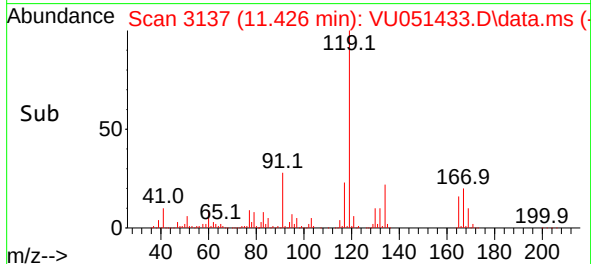
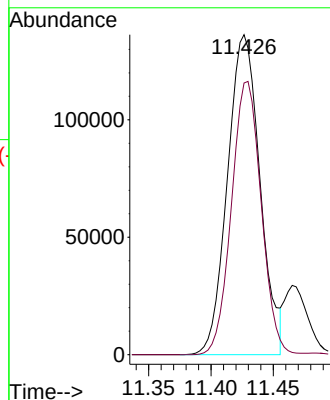
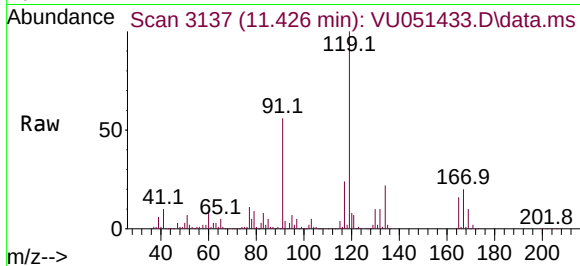




#61
Pentachloroethane
Concen: 19.560 ug/l
RT: 11.426 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

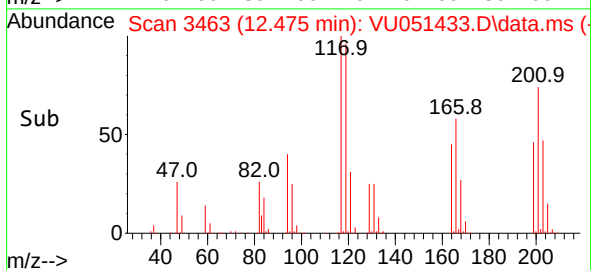
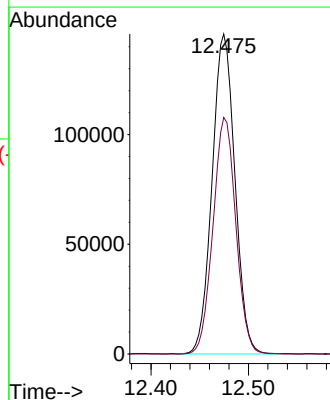
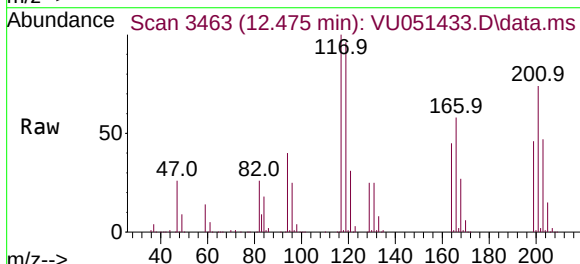
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

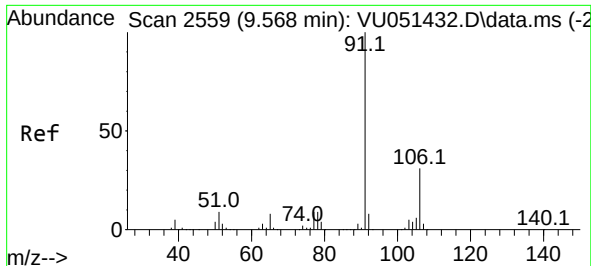
Tgt Ion:117 Resp: 247534
Ion Ratio Lower Upper
117 100
167 78.1 63.3 94.9



#62
Hexachloroethane
Concen: 16.995 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion:117 Resp: 237506
Ion Ratio Lower Upper
117 100
201 73.8 57.4 86.2

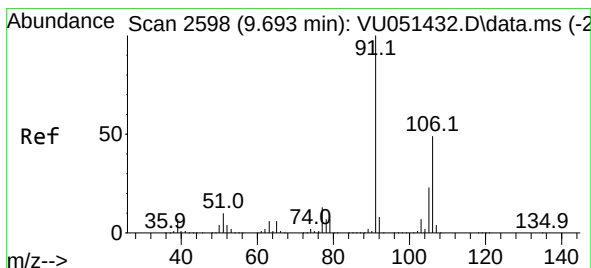
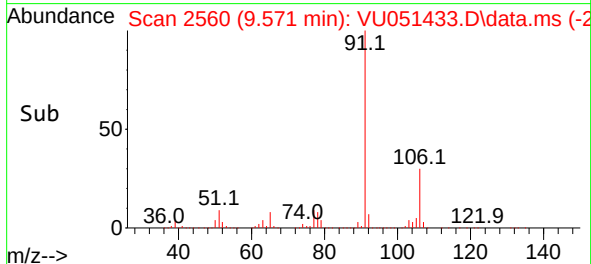
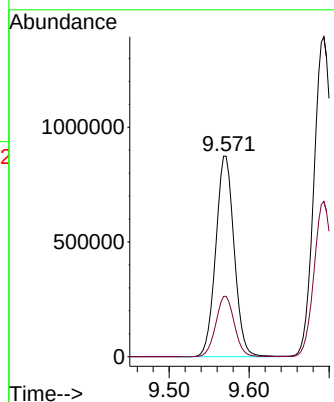
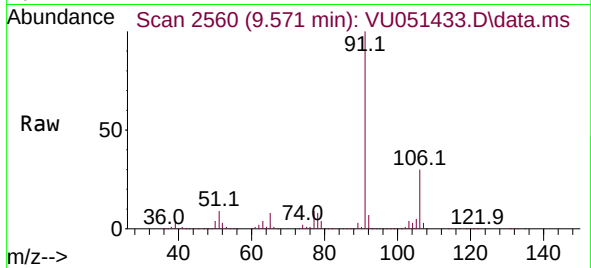




#63
Ethyl Benzene
Concen: 20.433 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

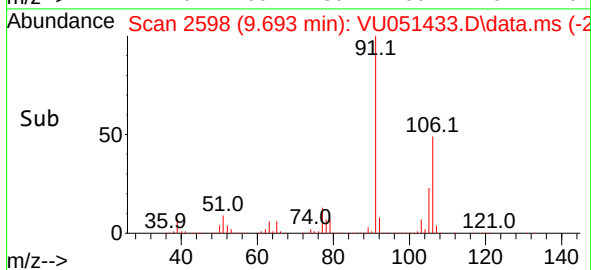
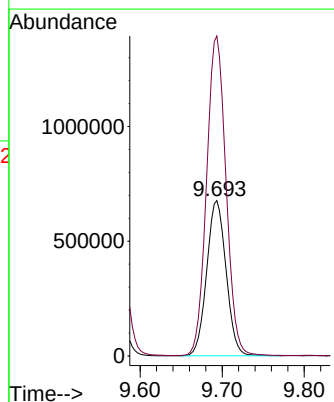
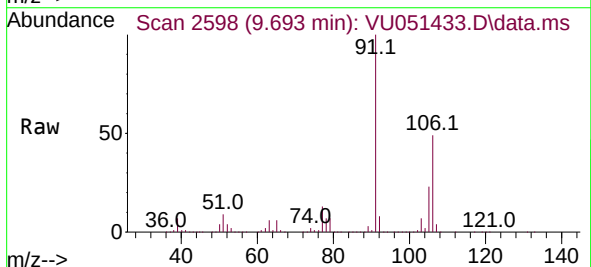
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

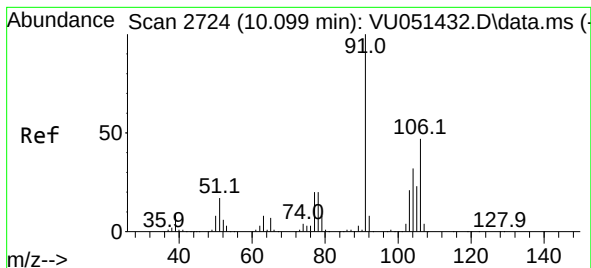
Tgt Ion: 91 Resp: 1395122
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3



#64
m/p-Xylenes
Concen: 41.218 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion: 106 Resp: 1113435
Ion Ratio Lower Upper
106 100
91 206.3 163.2 244.8

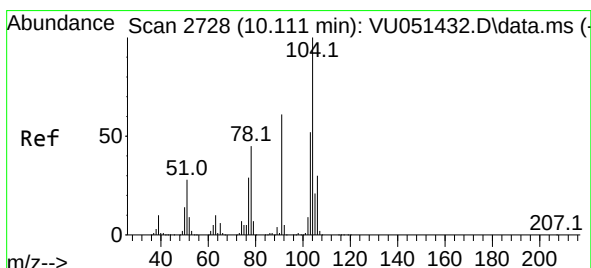
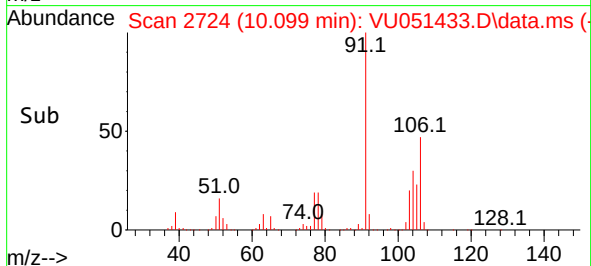
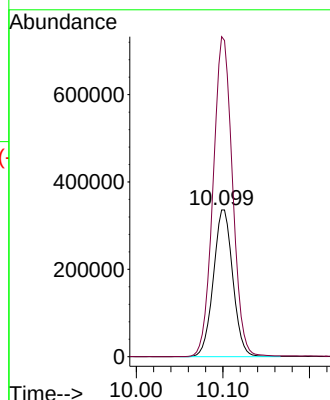
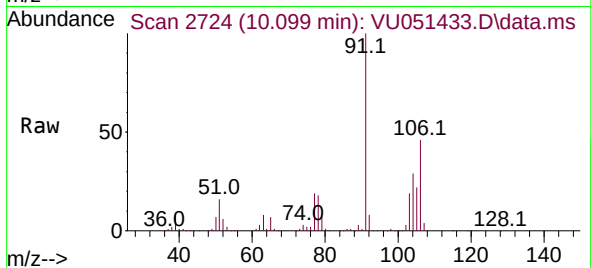




#65
o-Xylene
Concen: 19.933 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

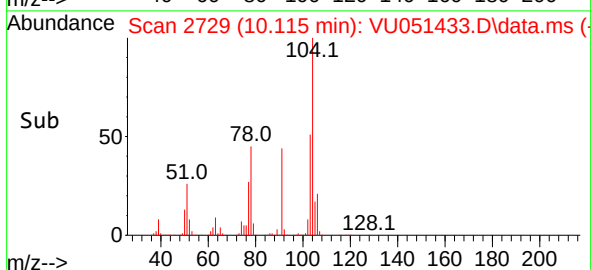
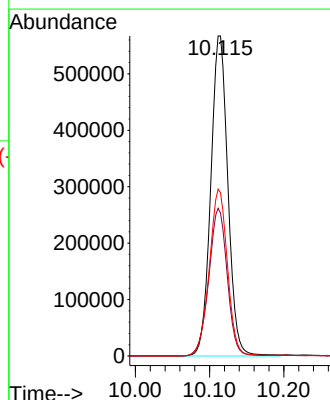
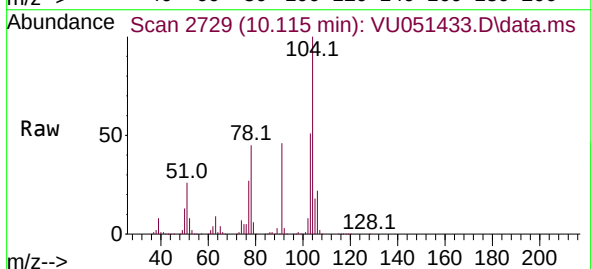
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

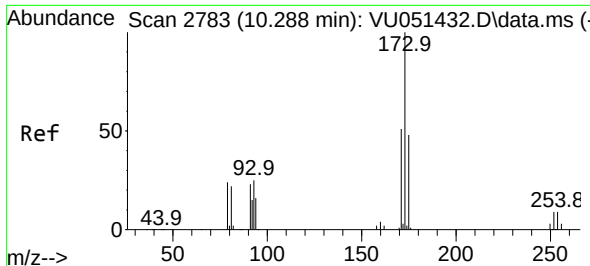
Tgt Ion:106 Resp: 524288
Ion Ratio Lower Upper
106 100
91 218.0 107.1 321.3



#66
Styrene
Concen: 20.940 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion:104 Resp: 908183
Ion Ratio Lower Upper
104 100
78 49.5 39.7 59.5
103 55.1 44.4 66.6

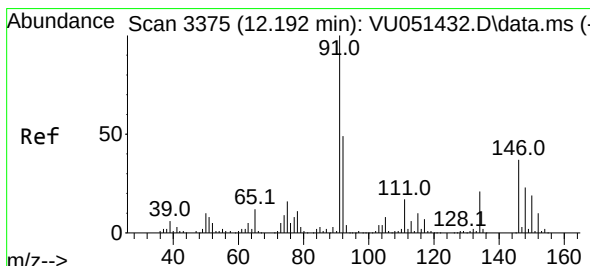
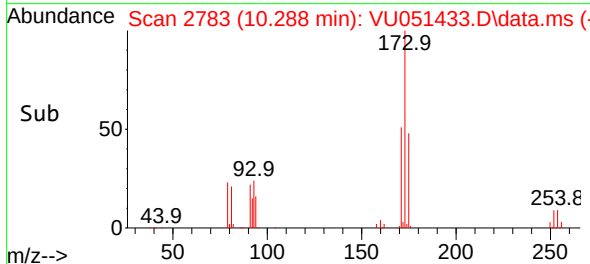
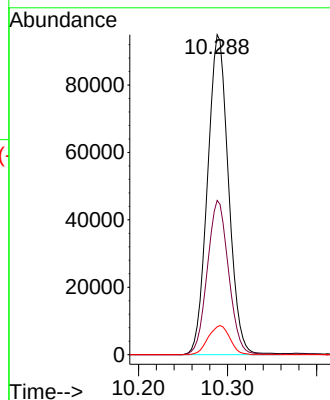
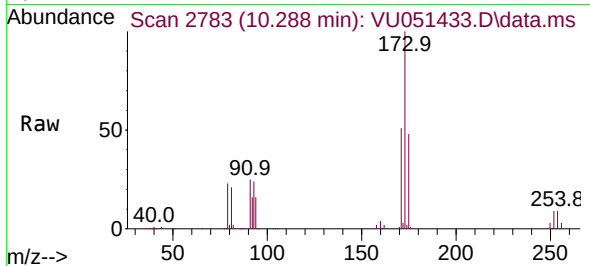




#67
Bromoform
Concen: 15.710 ug/l
RT: 10.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

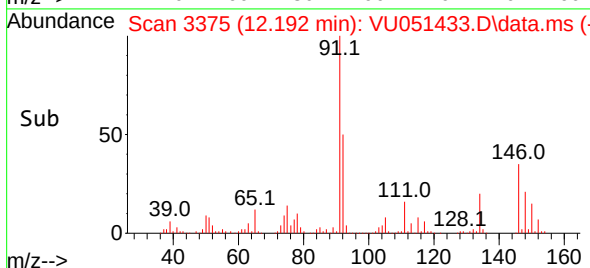
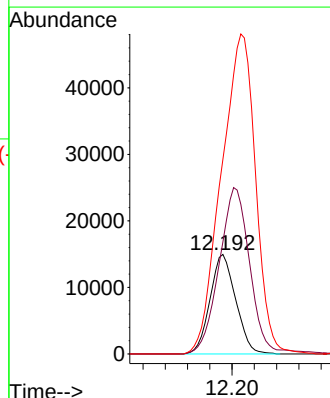
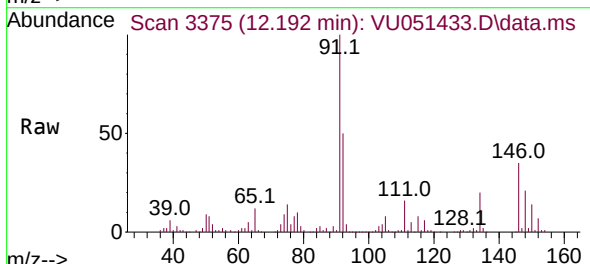
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

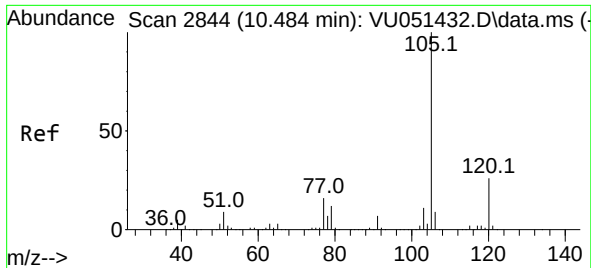
Tgt Ion:173 Resp: 155128
Ion Ratio Lower Upper
173 100
175 48.8 38.6 58.0
254 9.4 7.3 10.9



#68
1,2-Dichlorobenzene-d4
Concen: 1.083 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion:152 Resp: 24003
Ion Ratio Lower Upper
152 100
115 200.1 0.0 333.0
150 428.2 0.0 662.0

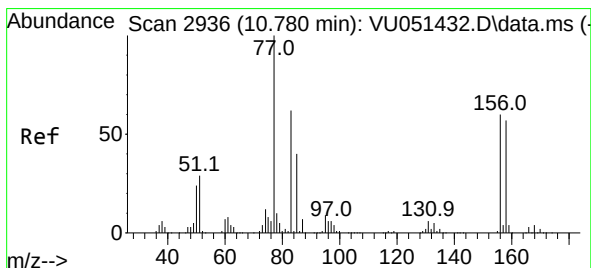
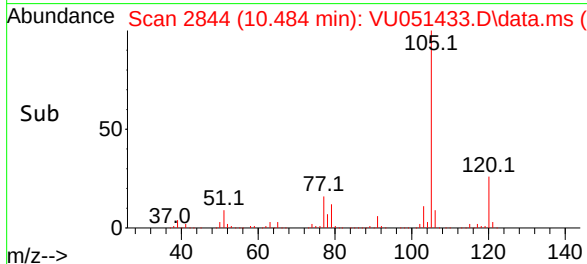
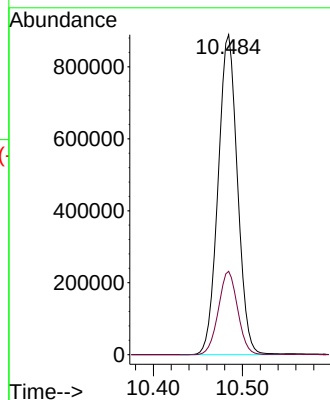
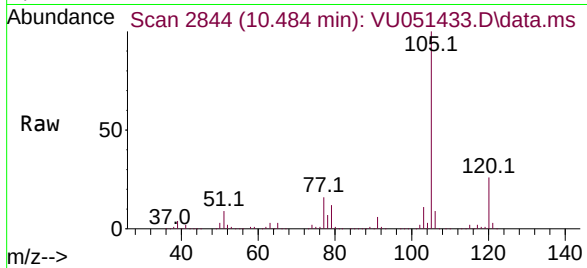




#69
Isopropylbenzene
Concen: 20.583 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

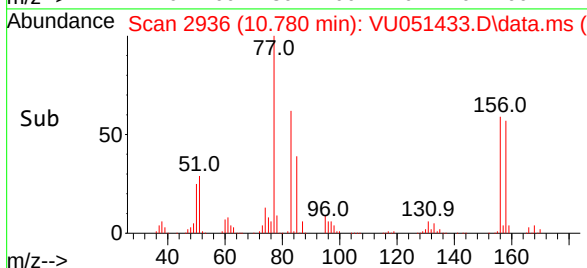
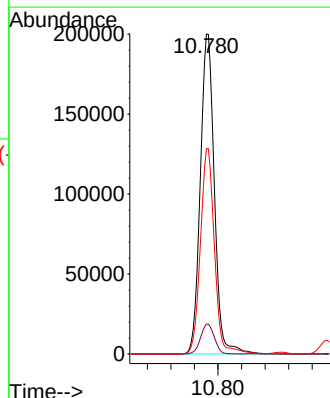
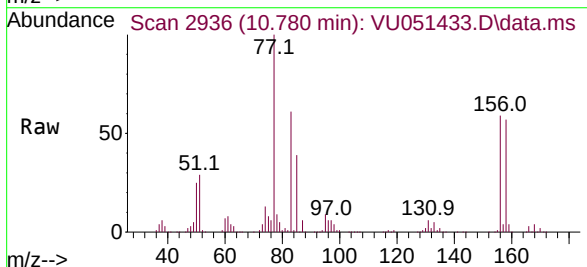
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

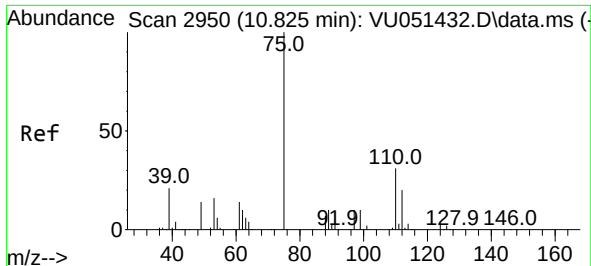
Tgt Ion:105 Resp: 1341997
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0



#70
1,1,2,2-Tetrachloroethane
Concen: 16.304 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion: 83 Resp: 331832
Ion Ratio Lower Upper
83 100
131 9.1 7.2 10.8
85 64.0 51.4 77.2

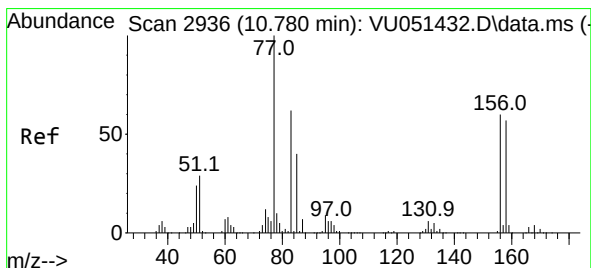
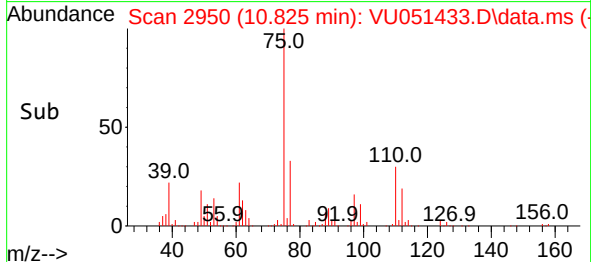
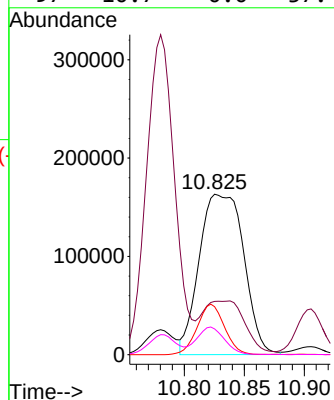
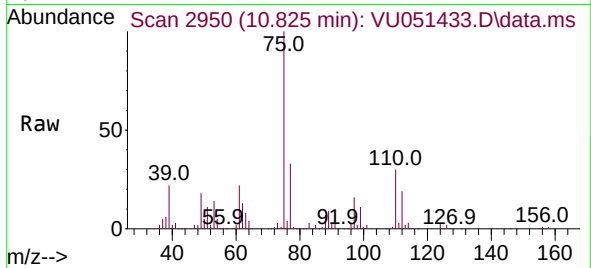




#71
1,2,3-Trichloropropane
Concen: 26.055 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

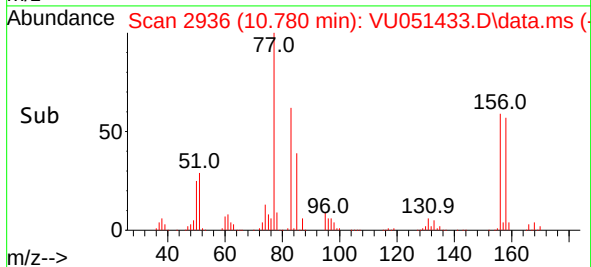
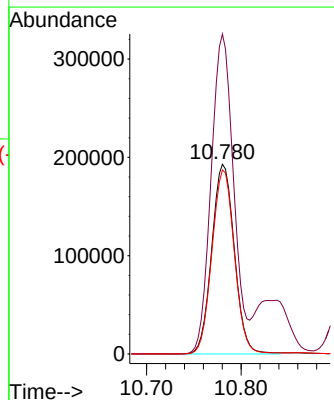
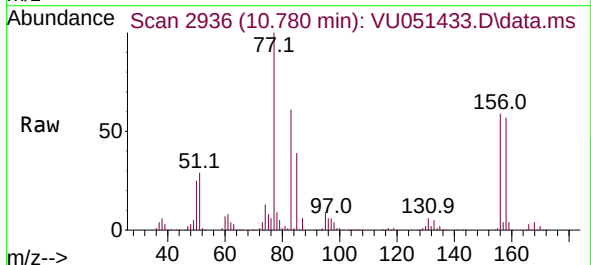
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

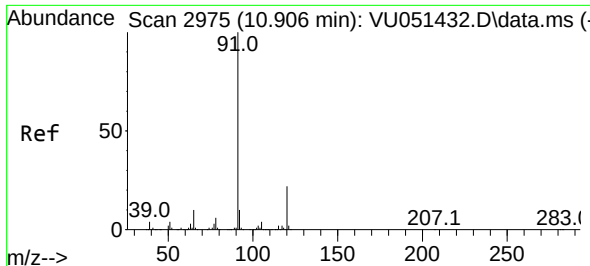
Tgt Ion:	75	Resp:	421700
Ion	Ratio	Lower	Upper
75	100		
77	31.8	0.0	111.0
110	19.4	0.0	70.2
97	10.7	0.0	37.4



#72
Bromobenzene
Concen: 18.163 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion:	156	Resp:	321123
Ion	Ratio	Lower	Upper
156	100		
77	167.6	0.0	343.4
158	95.8	0.0	195.6

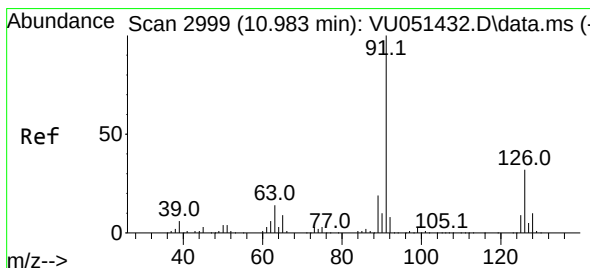
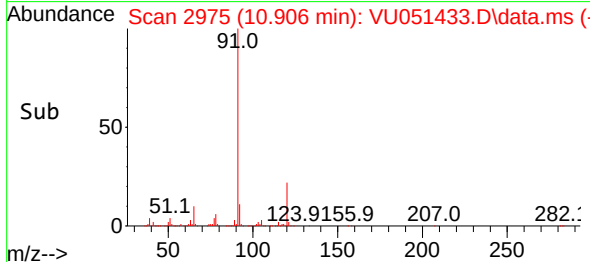
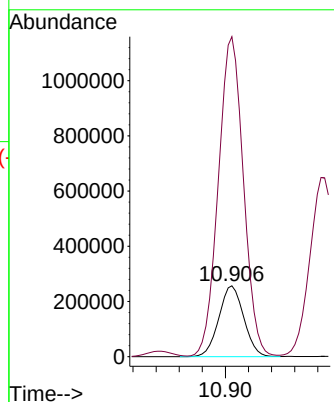
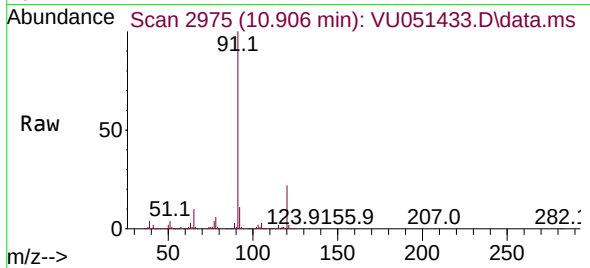




#73
n-propylbenzene
Concen: 21.725 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

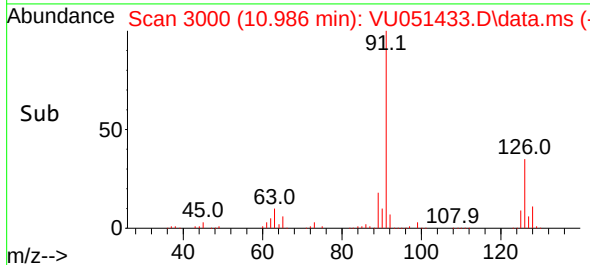
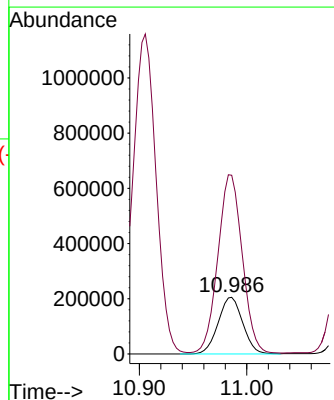
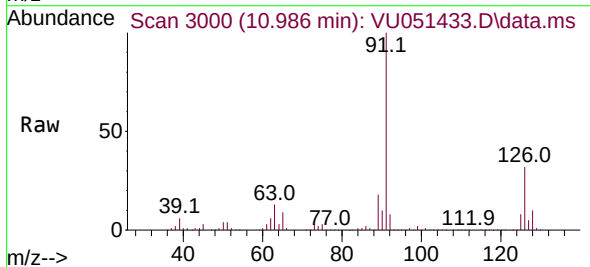
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

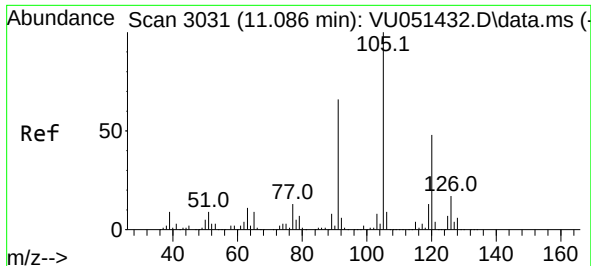
Tgt Ion:120 Resp: 385207
Ion Ratio Lower Upper
120 100
91 452.9 362.3 543.5



#74
2-Chlorotoluene
Concen: 18.927 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion:126 Resp: 326412
Ion Ratio Lower Upper
126 100
91 311.5 0.0 623.2

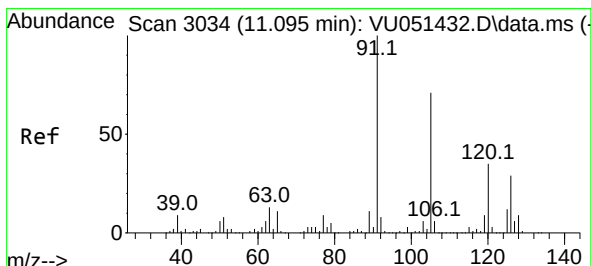
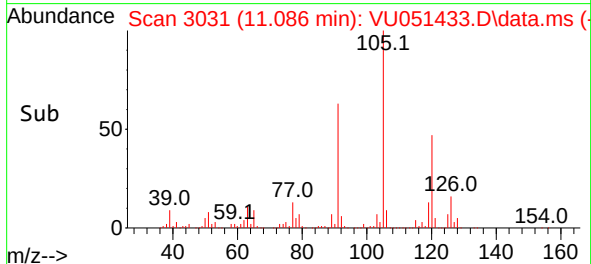
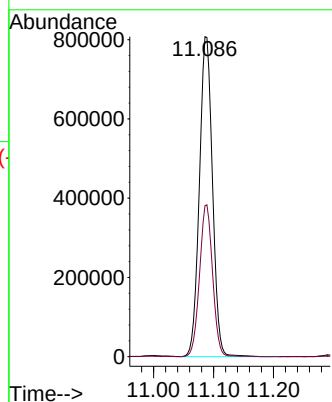
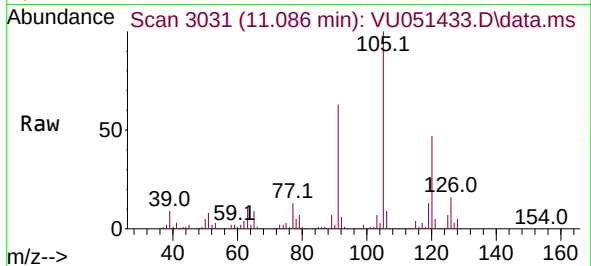




#75
1,3,5-Trimethylbenzene
Concen: 21.152 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

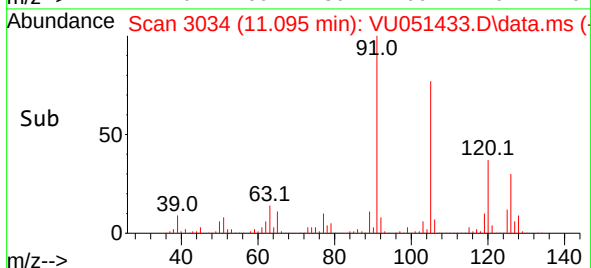
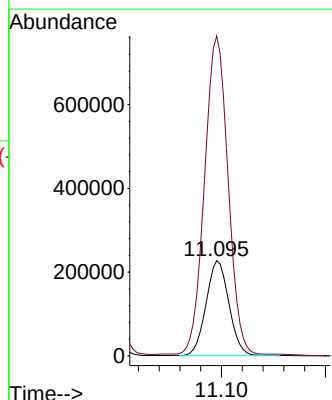
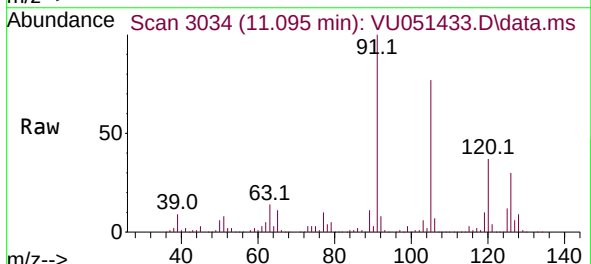
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

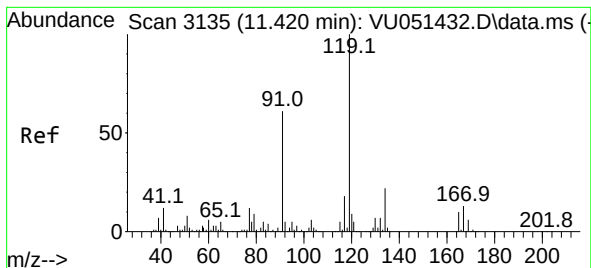
Tgt Ion:105 Resp: 1227020
Ion Ratio Lower Upper
105 100
120 47.5 38.2 57.4



#76
4-Chlorotoluene
Concen: 20.112 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion:126 Resp: 343967
Ion Ratio Lower Upper
126 100
91 345.1 0.0 717.6





#77

tert-Butylbenzene

Concen: 20.814 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. 0.000 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

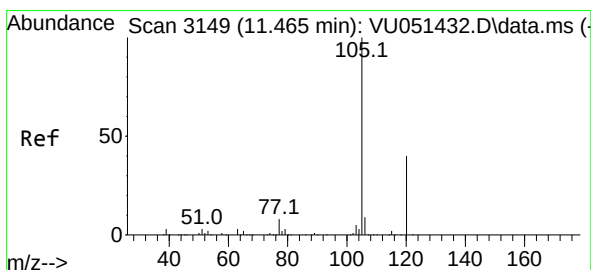
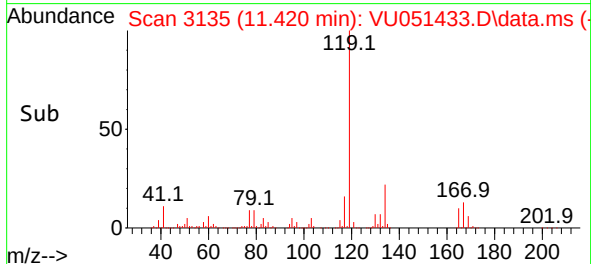
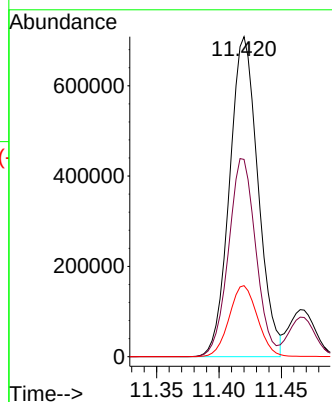
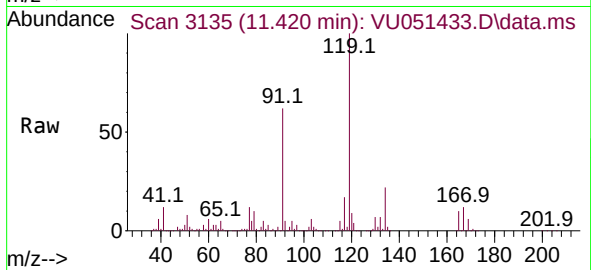
Tgt Ion:119 Resp: 1127633

Ion Ratio Lower Upper

119 100

91 59.3 29.8 89.5

134 22.2 17.9 26.9



#78

1,2,4-Trimethylbenzene

Concen: 21.563 ug/l

RT: 11.465 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU051433.D

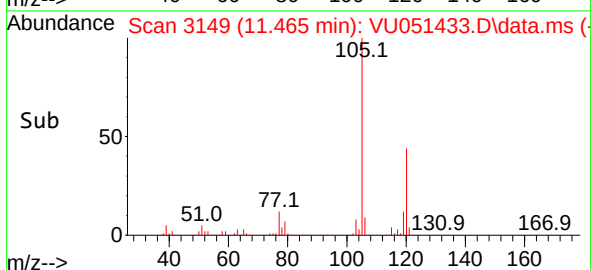
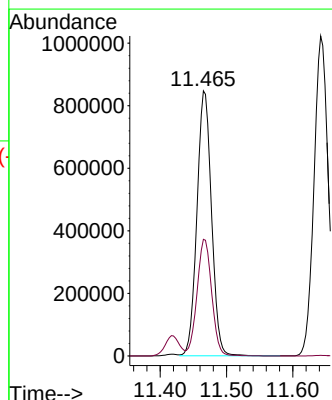
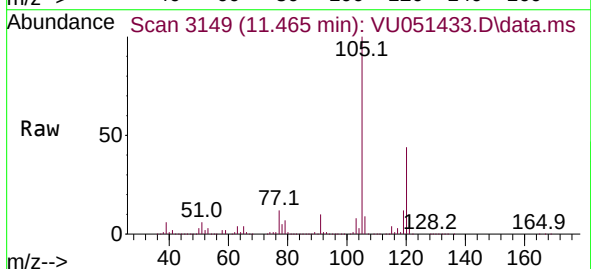
Acq: 17 Oct 2022 17:12

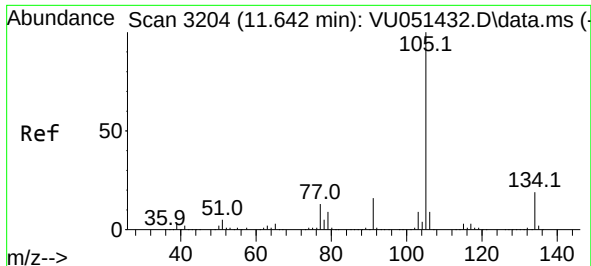
Tgt Ion:105 Resp: 1290314

Ion Ratio Lower Upper

105 100

120 44.2 22.1 66.3

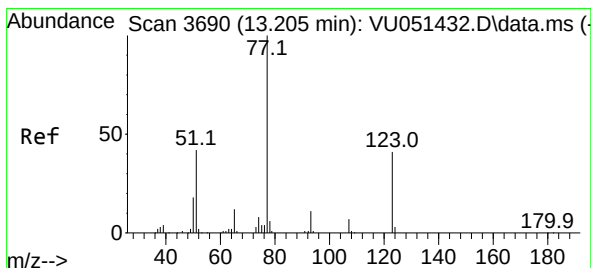
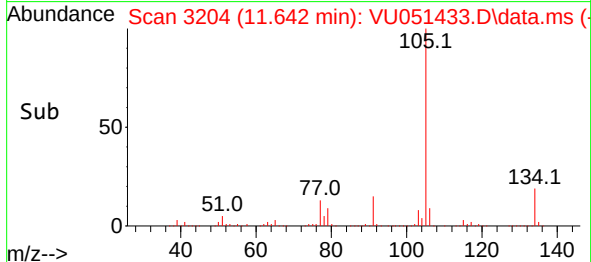
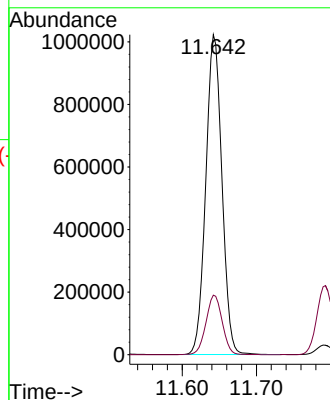
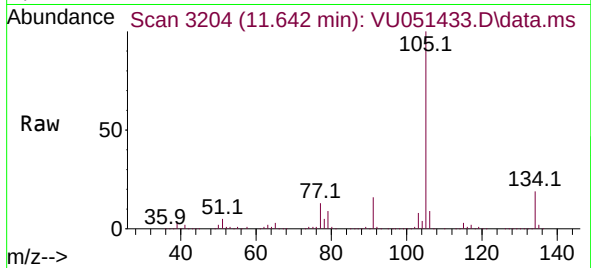




#79
 sec-Butylbenzene
 Concen: 20.670 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU051433.D
 Acq: 17 Oct 2022 17:12

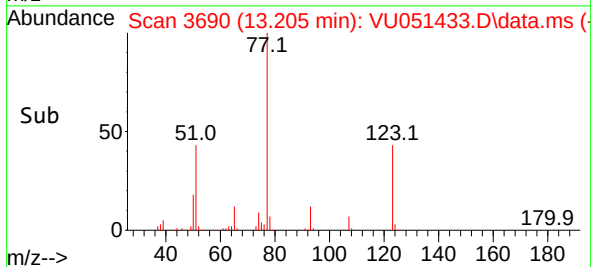
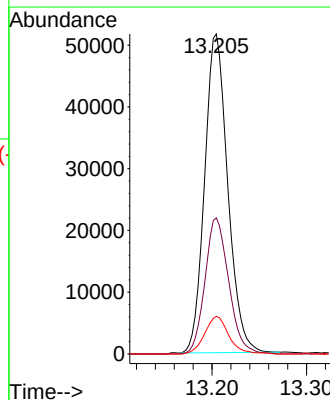
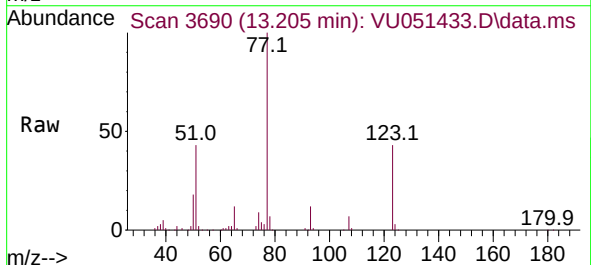
Instrument :
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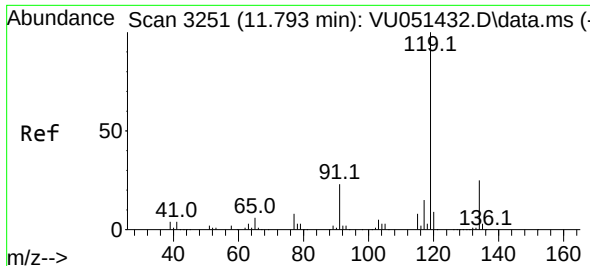
Tgt Ion:105 Resp: 1537829
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.2 22.8



#80
 Nitrobenzene
 Concen: 78.041 ug/l
 RT: 13.205 min Scan# 3690
 Delta R.T. -0.000 min
 Lab File: VU051433.D
 Acq: 17 Oct 2022 17:12

Tgt Ion: 77 Resp: 87827
 Ion Ratio Lower Upper
 77 100
 123 43.8 17.5 62.1
 65 12.3 11.1 14.1

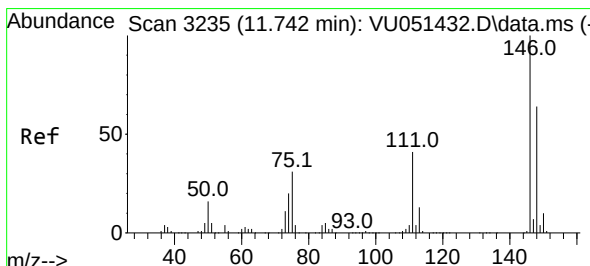
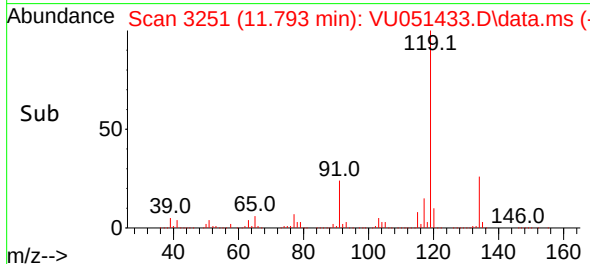
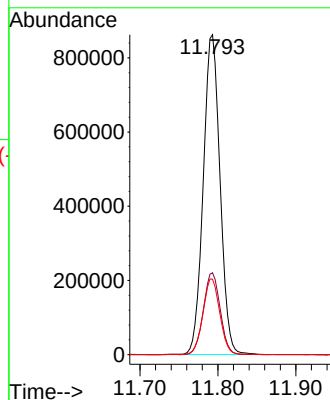
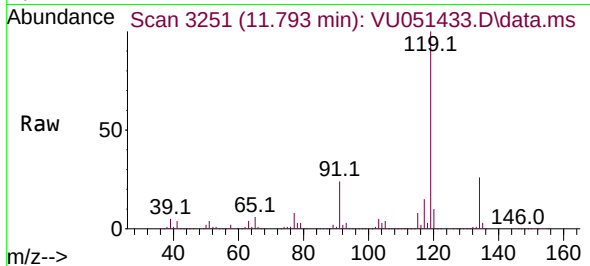




#81
p-Isopropyltoluene
Concen: 21.918 ug/l
RT: 11.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

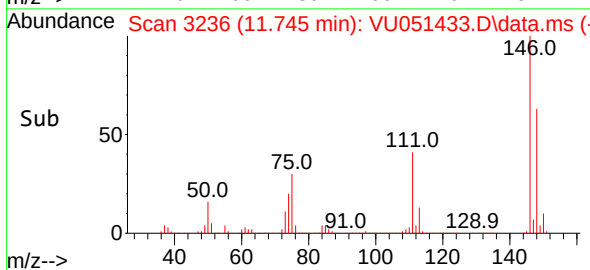
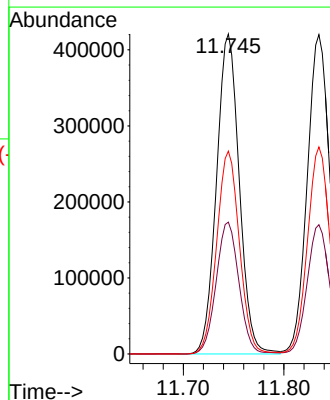
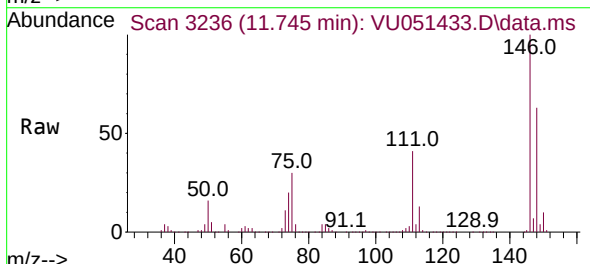
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

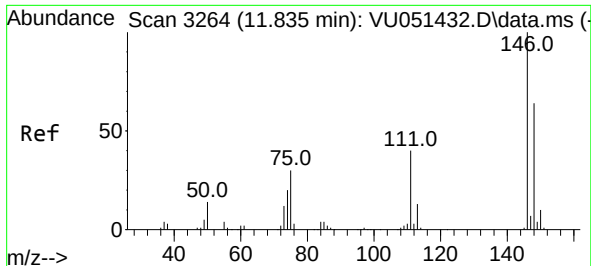
Tgt Ion:119 Resp: 1289620
Ion Ratio Lower Upper
119 100
134 25.7 20.3 30.5
91 23.8 18.6 27.8



#82
1,3-Dichlorobenzene
Concen: 17.667 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion:146 Resp: 661704
Ion Ratio Lower Upper
146 100
111 41.3 33.4 50.0
148 63.5 51.0 76.6

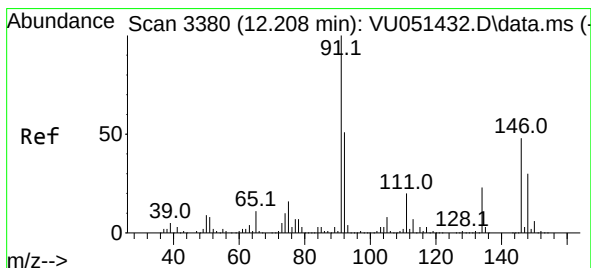
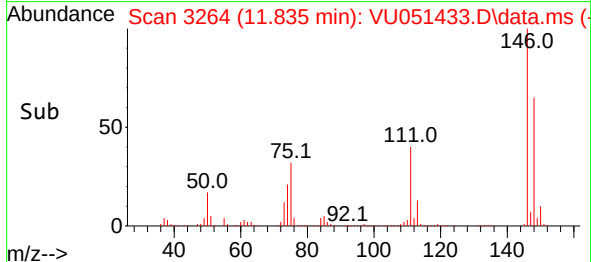
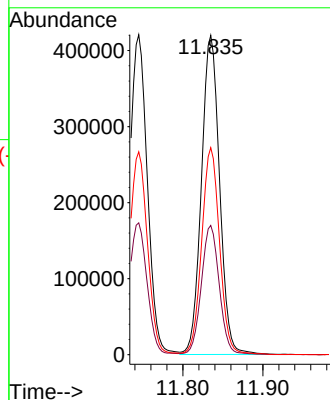
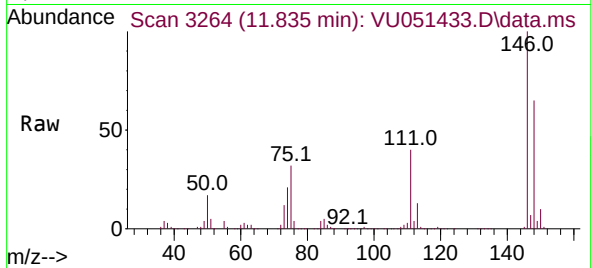




#83
1,4-Dichlorobenzene
Concen: 17.925 ug/l
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

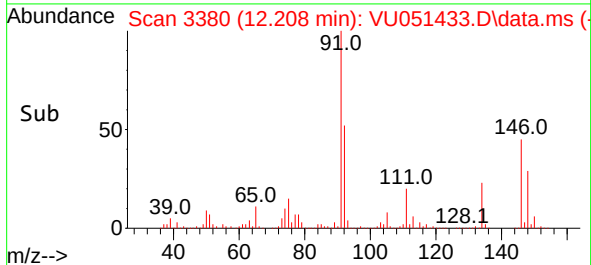
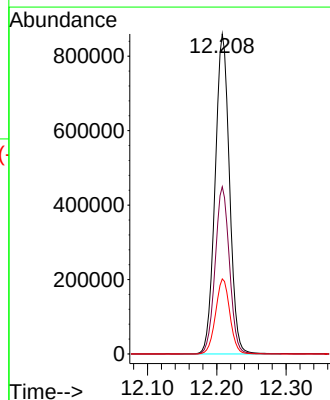
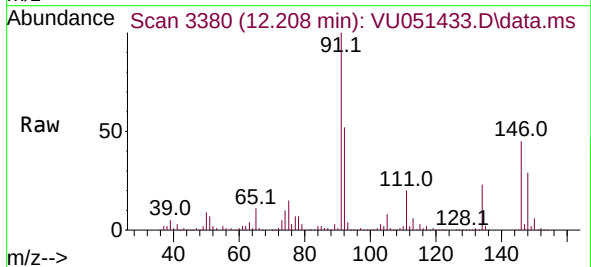
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

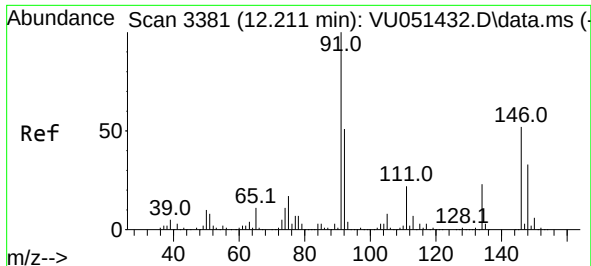
Tgt Ion:146 Resp: 663214
Ion Ratio Lower Upper
146 100
111 40.1 31.6 47.4
148 64.1 50.5 75.7



#84
n-Butylbenzene
Concen: 22.360 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion: 91 Resp: 1236901
Ion Ratio Lower Upper
91 100
92 52.0 40.6 61.0
134 23.3 18.3 27.5

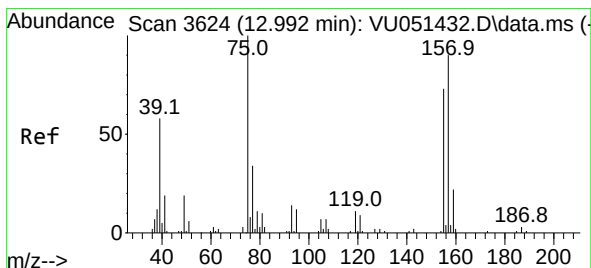
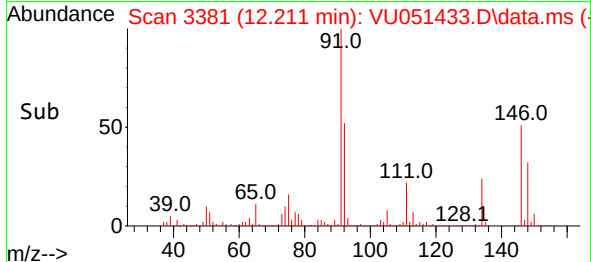
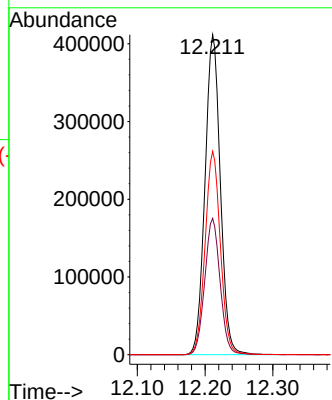
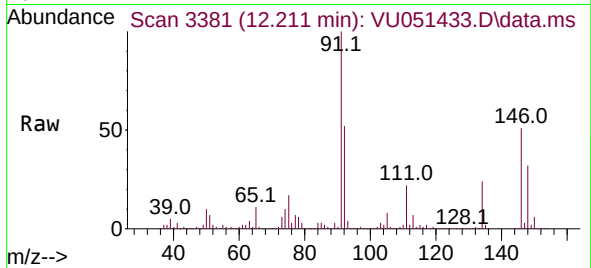




#85
 1,2-Dichlorobenzene
 Concen: 17.489 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.000 min
 Lab File: VU051433.D
 Acq: 17 Oct 2022 17:12

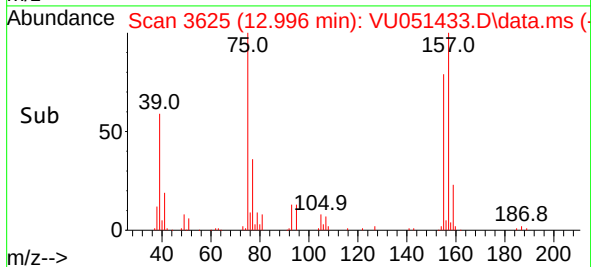
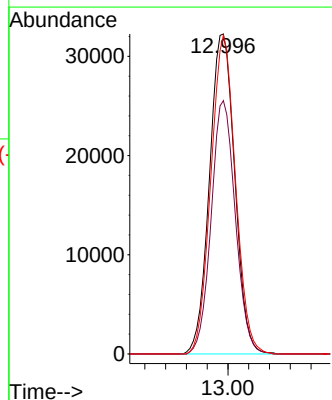
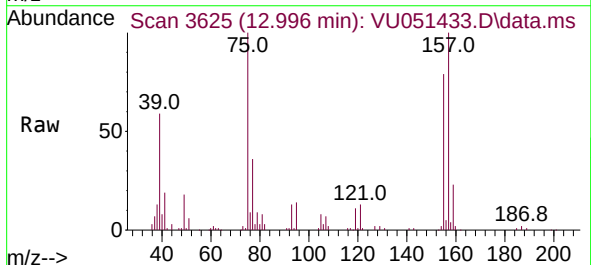
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

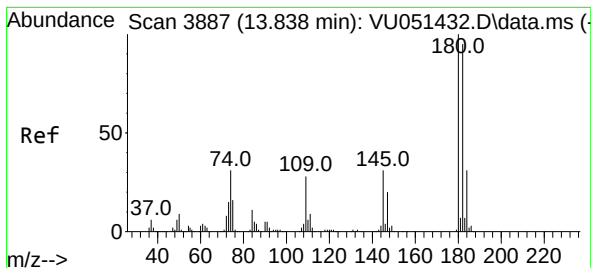
Tgt Ion:146 Resp: 646339
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.3 63.9
 148 63.5 31.8 95.4



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 15.928 ug/l
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.003 min
 Lab File: VU051433.D
 Acq: 17 Oct 2022 17:12

Tgt Ion: 75 Resp: 54450
 Ion Ratio Lower Upper
 75 100
 155 75.6 58.5 87.7
 157 96.8 75.3 112.9





#87

1,2,4-Trichlorobenzene

Concen: 19.165 ug/l

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

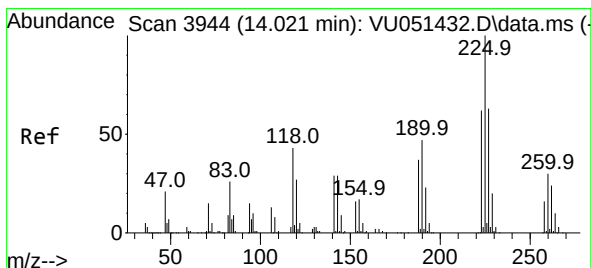
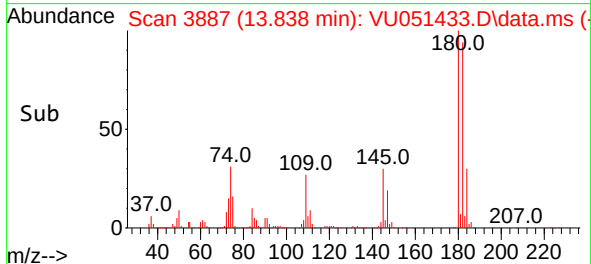
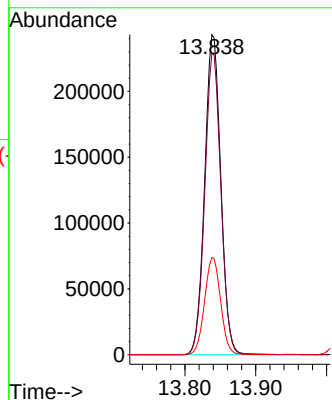
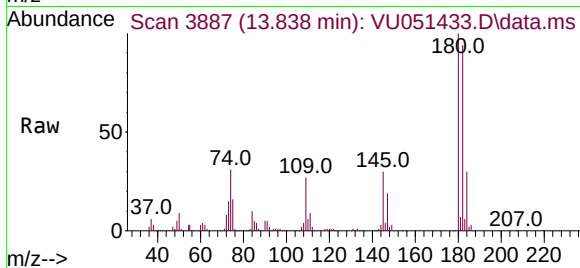
Tgt Ion:180 Resp: 383794

Ion Ratio Lower Upper

180 100

182 94.3 75.9 113.9

145 30.2 24.9 37.3



#88

Hexachlorobutadiene

Concen: 17.792 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.000 min

Lab File: VU051433.D

Acq: 17 Oct 2022 17:12

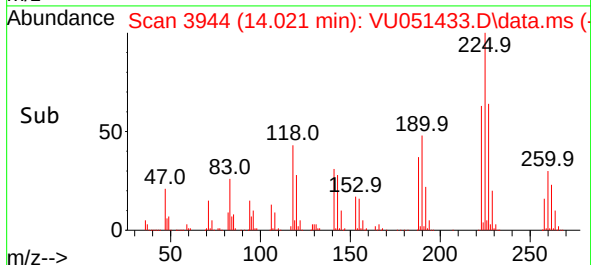
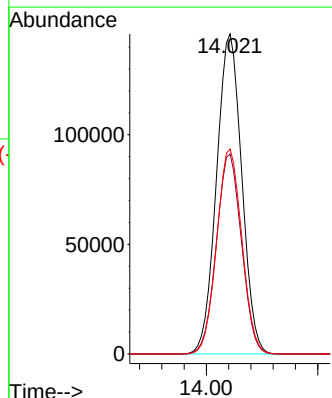
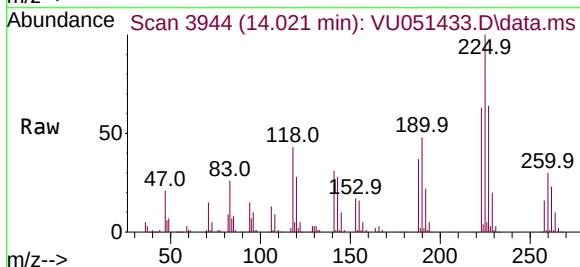
Tgt Ion:225 Resp: 229590

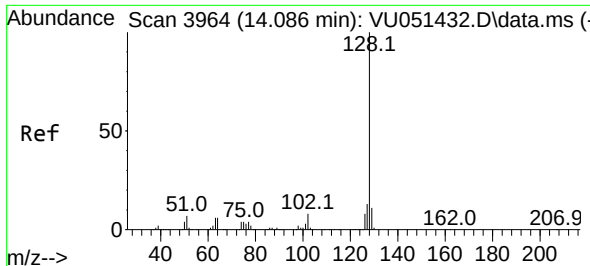
Ion Ratio Lower Upper

225 100

223 62.2 50.1 75.1

227 63.8 51.4 77.2

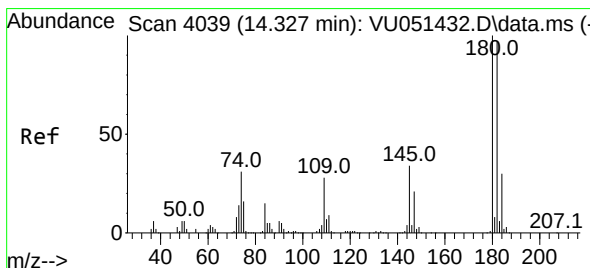
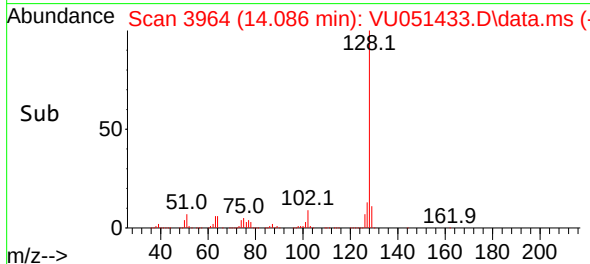
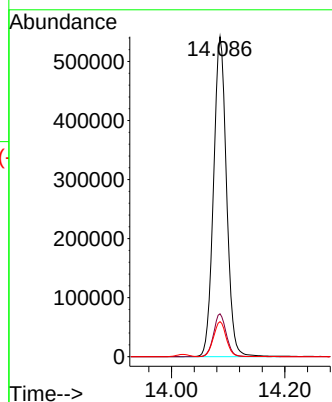
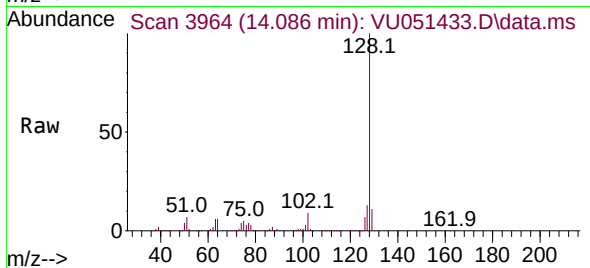




#89
Naphthalene
Concen: 23.048 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:128 Resp: 862490
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.7 8.4 12.6



#90
1,2,3-Trichlorobenzene
Concen: 18.867 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051433.D
Acq: 17 Oct 2022 17:12

Tgt Ion:180 Resp: 404644
Ion Ratio Lower Upper
180 100
182 95.2 75.8 113.6
145 33.4 26.6 39.8

