

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101722\
 Data File : VU051430.D
 Acq On : 17 Oct 2022 15:41
 Operator : JC/MD
 Sample : VSTDICC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

Quant Time: Oct 18 04:23:26 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	52634	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	18093	1.038	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	20755	1.071	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	32636	1.850	ug/l	98
3) Chloromethane	1.539	50	58306	2.434	ug/l	99
4) Vinyl Chloride	1.604	62	53488	2.380	ug/l	94
5) Bromomethane	1.855	94	29690	2.095	ug/l	99
6) Chloroethane	1.932	64	30461	2.185	ug/l	97
7) Trichlorofluoromethane	2.138	101	60320	2.356	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	34453	2.365	ug/l	98
9) 1,1-Dichloroethene	2.581	96	34571	2.261	ug/l	96
10) Iodomethane	2.720	142	44389	2.043	ug/l	100
11) Allyl Chloride	2.922	41	50398	2.117	ug/l	97
12) Acrylonitrile	3.321	53	20081	4.175	ug/l	95
13) Acetone	2.633	43	31366	9.755	ug/l	98
14) Carbon Disulfide	2.790	76	121104	2.097	ug/l	98
15) Methylene Chloride	3.044	84	47508	1.805	ug/l	95
16) trans-1,2-Dichloroethene	3.350	96	38141	2.200	ug/l	98
17) 1,1-Dichloroethane	3.867	63	68362	2.252	ug/l	99
18) 2-Butanone	4.723	43	37554	8.943	ug/l	98
19) Cyclohexane	5.388	56	37710	1.864	ug/l	92
20) Methylcyclohexane	6.761	83	40177	1.973	ug/l	95
21) 2,2-Dichloropropane	4.662	77	47860	2.314	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	34773	2.087	ug/l	98
23) Diethyl Ether	2.379	59	27938	2.042	ug/l	97
24) tert-Butyl Alcohol	3.205	59	28533	36.086	ug/l	97
25) Methyl tert-Butyl Ether	3.369	73	84097	2.056	ug/l	99
26) Bromochloromethane	4.977	128	17095	2.133	ug/l	97
27) Chloroform	5.089	83	68810	2.230	ug/l	100
28) 1,1,1-Trichloroethane	5.314	97	55574	2.273	ug/l	99
29) 1,1-Dichloropropene	5.523	75	41625	2.140	ug/l	99
30) Carbon Tetrachloride	5.520	117	48233	2.322	ug/l	97
31) Isopropyl Ether	4.002	45	77624	1.977	ug/l	92
32) Ethyl-t-butyl ether	4.510	59	68280	1.958	ug/l	99
33) Tert-Amyl methyl ether	5.944	73	59348	1.904	ug/l	98
34) Propionitrile	4.790	54	14128	10.733	ug/l	# 94
35) Benzene	5.774	78	138497	2.144	ug/l	97
36) 1,2-Dichloroethane	5.797	62	43703	2.157	ug/l	97
37) Trichloroethene	6.539	130	33218	2.123	ug/l	89
38) 1,2-Dichloropropane	6.790	63	39082	2.221	ug/l	96
39) Methacrylonitrile	4.986	41	8744	1.880	ug/l	94
40) Methyl acrylate	4.858	55	12584	1.574	ug/l	97
41) Tetrahydrofuran	5.070	42	9593	3.907	ug/l	90
42) 1-Chlorobutane	5.459	56	56762	2.101	ug/l	94
43) Dibromomethane	6.919	93	19934	2.109	ug/l	97
44) Bromodichloromethane	7.105	83	48417	2.187	ug/l	99

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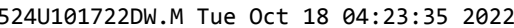
Instrument :
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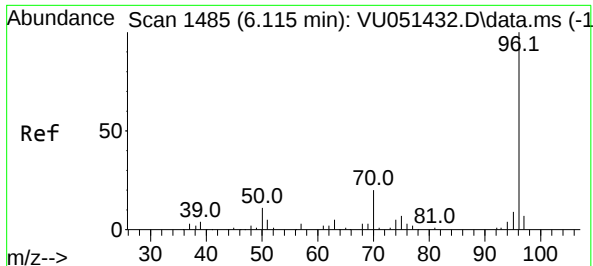
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	83253	8.326	ug/l	94
46) t-1,4-Dichloro-2-butene	10.822	75	41725	11.819	ug/l #	54
47) Methyl methacrylate	6.964	69	26837	3.525	ug/l	98
48) Ethyl methacrylate	8.337	69	22883	1.792	ug/l	97
49) Toluene	7.970	92	72733	2.062	ug/l	94
50) t-1,3-Dichloropropene	8.211	75	36142	2.023	ug/l	98
51) cis-1,3-Dichloropropene	7.607	75	45078	2.164	ug/l	96
52) 1,1,2-Trichloroethane	8.401	97	28487	2.071	ug/l	92
53) 1,3-Dichloropropane	8.575	76	44937	2.050	ug/l	98
54) 2-Hexanone	8.687	43	57690	8.151	ug/l	93
55) Dibromochloromethane	8.809	129	30619	2.043	ug/l	100
56) 1,2-Dibromoethane	8.925	107	24321	1.984	ug/l	100
58) Tetrachloroethene	8.552	164	29530	1.913	ug/l	99
59) Chlorobenzene	9.446	112	81214	2.089	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.533	131	31672	2.091	ug/l	97
61) Pentachloroethane	11.427	117	30615	2.766	ug/l	95
62) Hexachloroethane	12.475	117	27533	2.252	ug/l	99
63) Ethyl Benzene	9.568	91	114326	1.914	ug/l	98
64) m/p-Xylenes	9.694	106	91512	3.873	ug/l	99
65) o-Xylene	10.099	106	45873	1.994	ug/l	99
66) Styrene	10.115	104	73582	1.940	ug/l	99
67) Bromoform	10.292	173	16521	1.913	ug/l	99
69) Isopropylbenzene	10.484	105	111797	1.960	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.780	83	37760	2.121	ug/l	97
71) 1,2,3-Trichloropropane	10.822	75	41725	2.947	ug/l	74
72) Bromobenzene	10.780	156	31432	2.033	ug/l	99
73) n-propylbenzene	10.906	120	31650	2.041	ug/l	99
74) 2-Chlorotoluene	10.986	126	31515	2.089	ug/l	96
75) 1,3,5-Trimethylbenzene	11.089	105	100017	1.971	ug/l	100
76) 4-Chlorotoluene	11.095	126	32890	2.199	ug/l	88
77) tert-Butylbenzene	11.420	119	101620	2.145	ug/l	98
78) 1,2,4-Trimethylbenzene	11.468	105	102586	1.960	ug/l	98
79) sec-Butylbenzene	11.642	105	138376	2.126	ug/l	98
80) Nitrobenzene	13.208	77	8631	8.768	ug/l #	94
81) p-Isopropyltoluene	11.793	119	102895	1.999	ug/l	97
82) 1,3-Dichlorobenzene	11.745	146	73056	2.230	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	70792	2.188	ug/l	97
84) n-Butylbenzene	12.208	91	102046	2.109	ug/l	99
85) 1,2-Dichlorobenzene	12.211	146	68664	2.124	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.996	75	5941	1.987	ug/l	97
87) 1,2,4-Trichlorobenzene	13.838	180	34531	1.971	ug/l	99
88) Hexachlorobutadiene	14.021	225	26354	2.335	ug/l	99
89) Naphthalene	14.086	128	64219	1.962	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	37521	2.000	ug/l	100

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

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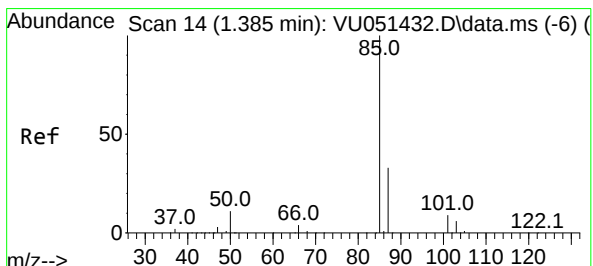
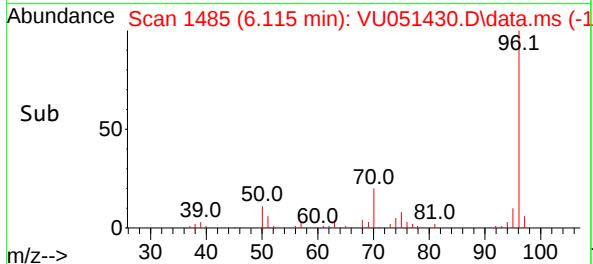
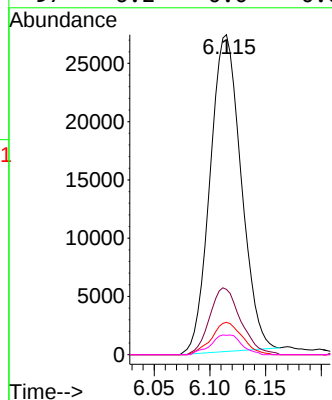
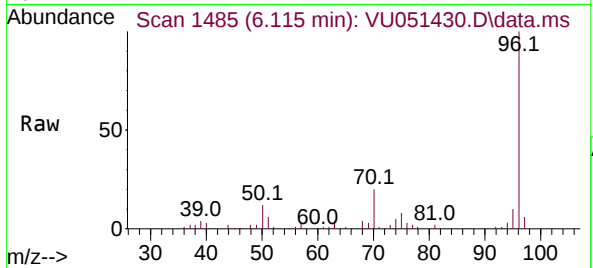




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

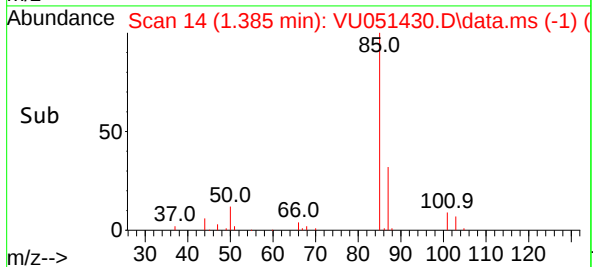
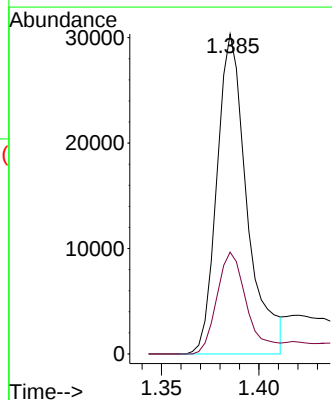
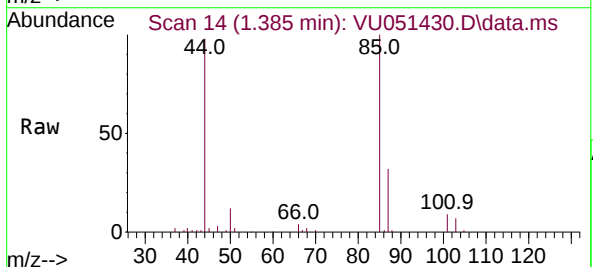
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

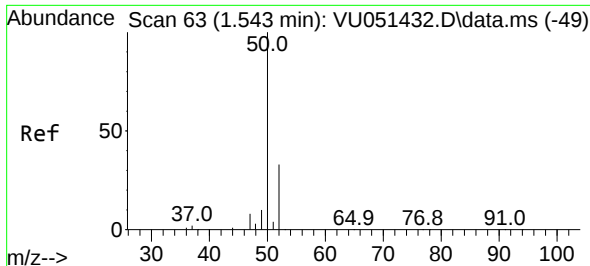
Tgt Ion: 96	Resp: 52634
Ion Ratio	Lower Upper
96 100	
70 21.1	16.7 25.1
95 10.1	7.5 11.3
97 6.2	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.850 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion: 85	Resp: 32636
Ion Ratio	Lower Upper
85 100	
87 31.8	16.4 49.4

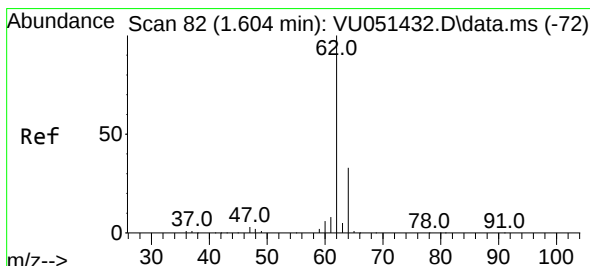
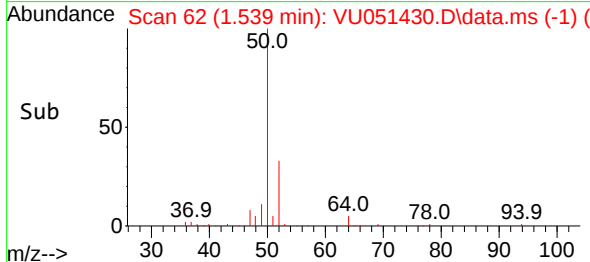
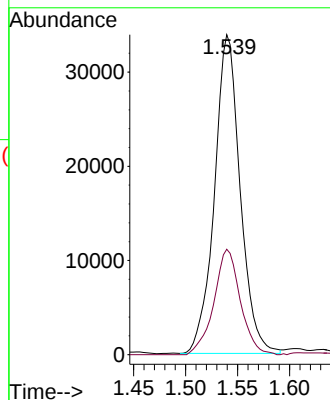
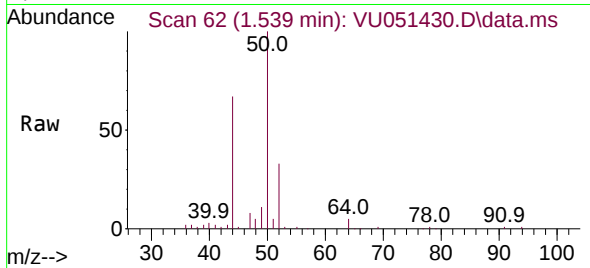




#3
Chloromethane
Concen: 2.434 ug/l
RT: 1.539 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

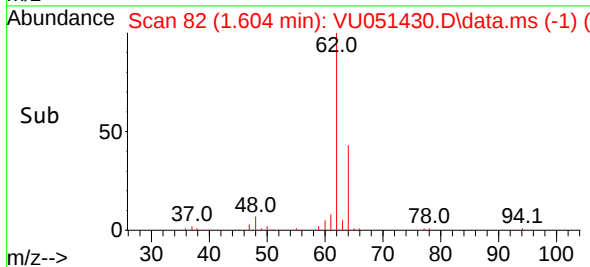
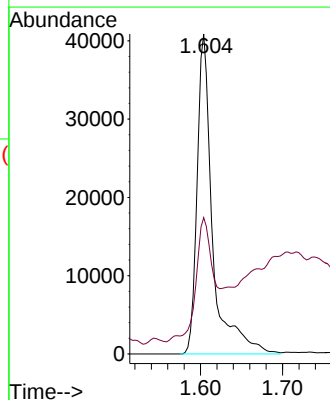
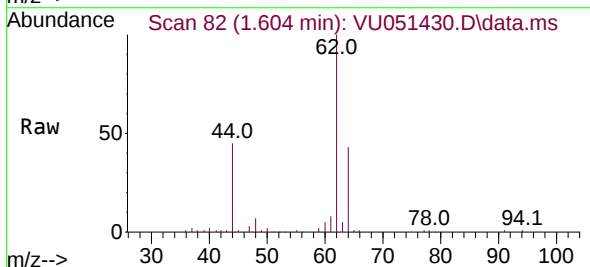
Instrument :
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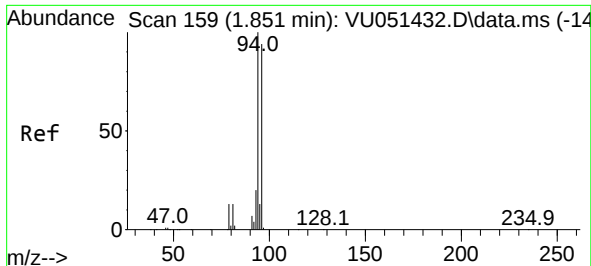
Tgt Ion: 50 Resp: 58306
Ion Ratio Lower Upper
50 100
52 33.1 26.7 40.1



#4
Vinyl Chloride
Concen: 2.380 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion: 62 Resp: 53488
Ion Ratio Lower Upper
62 100
64 37.0 26.7 40.1

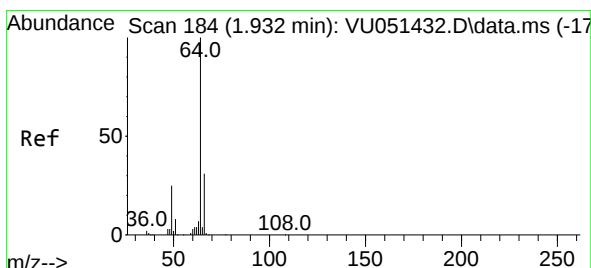
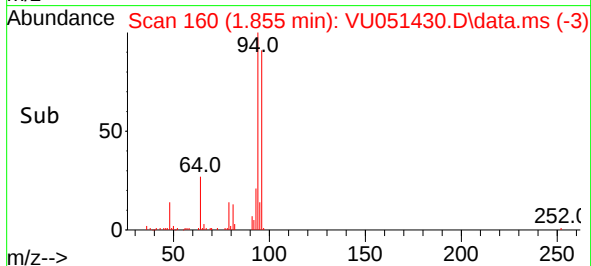
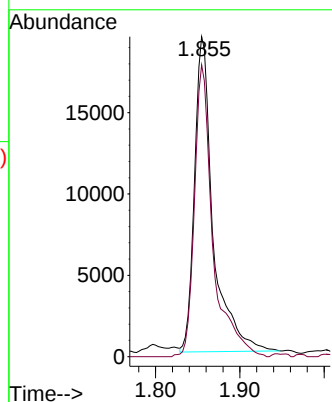
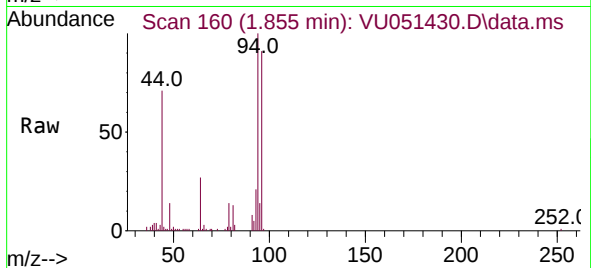




#5
Bromomethane
Concen: 2.095 ug/l
RT: 1.855 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

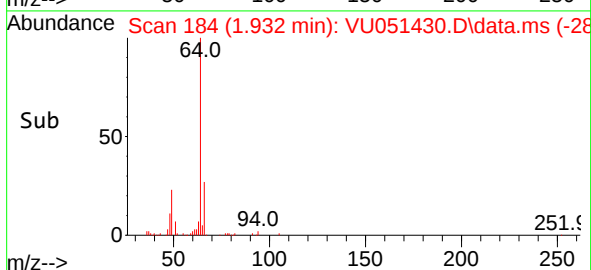
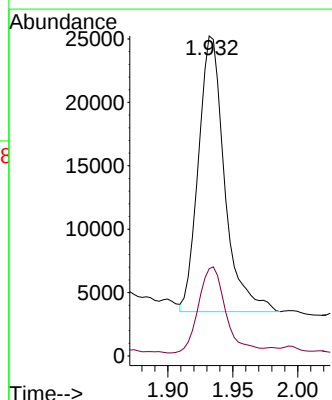
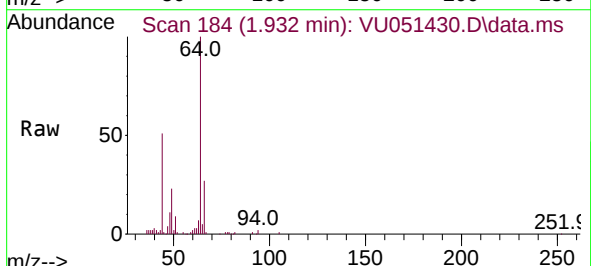
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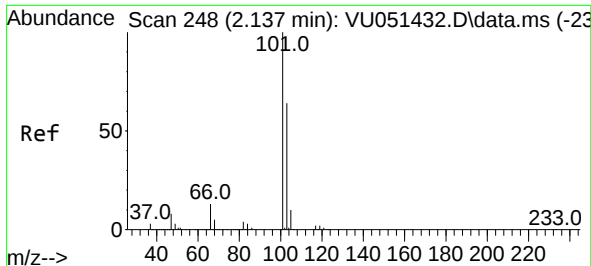
Tgt Ion: 94 Resp: 29690
Ion Ratio Lower Upper
94 100
96 92.1 74.8 112.2



#6
Chloroethane
Concen: 2.185 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion: 64 Resp: 30461
Ion Ratio Lower Upper
64 100
66 29.9 25.2 37.8

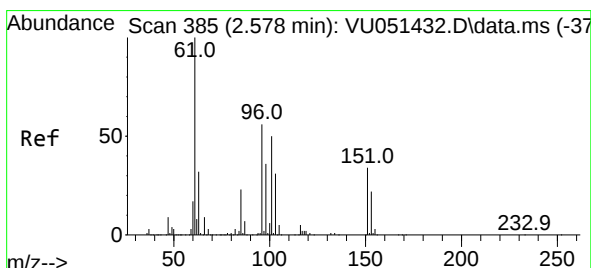
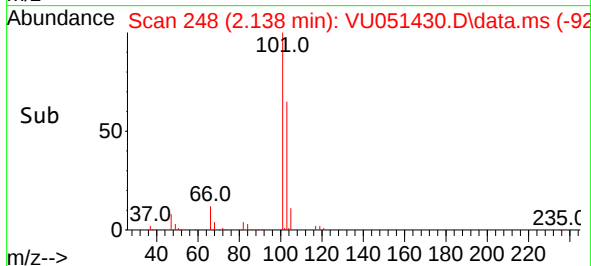
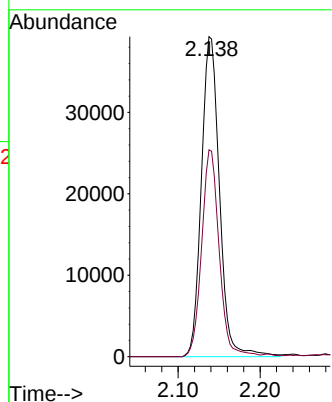
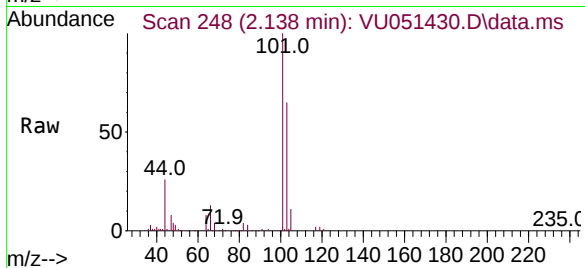




#7
 Trichlorofluoromethane
 Concen: 2.356 ug/l
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU051430.D
 Acq: 17 Oct 2022 15:41

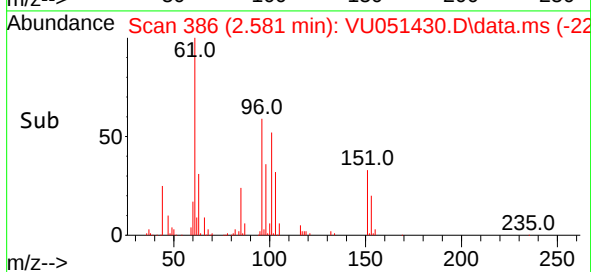
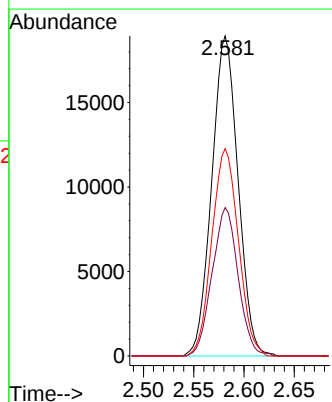
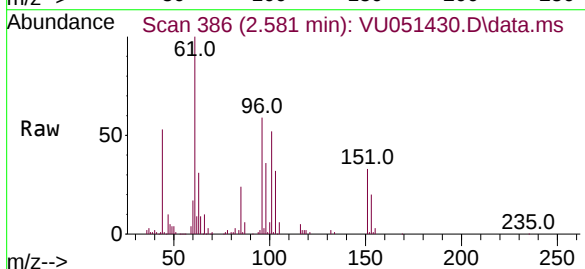
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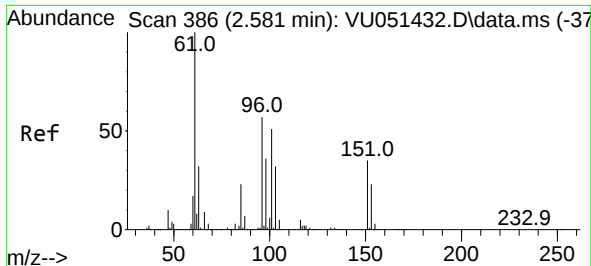
Tgt Ion:101 Resp: 60320
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.365 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU051430.D
 Acq: 17 Oct 2022 15:41

Tgt Ion:101 Resp: 34453
 Ion Ratio Lower Upper
 101 100
 85 45.8 36.6 54.8
 151 65.4 54.6 81.8

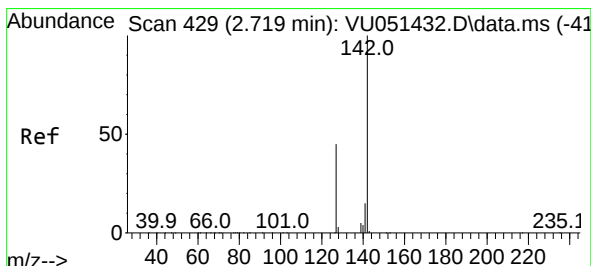
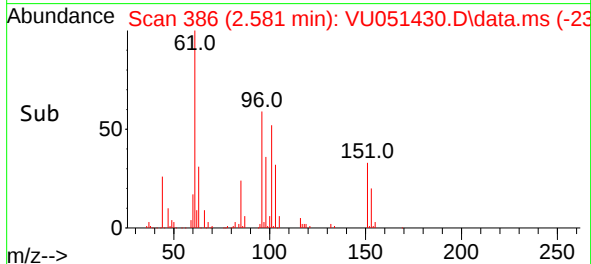
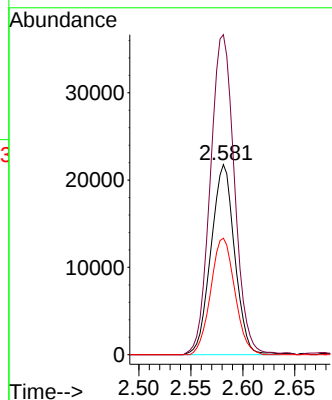
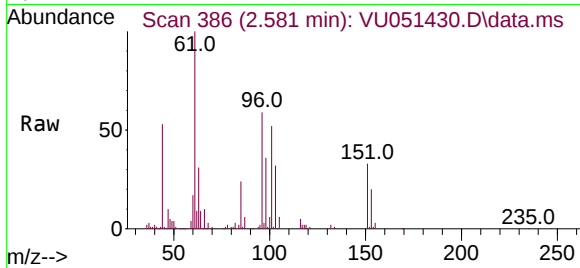




#9
1,1-Dichloroethene
Concen: 2.261 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

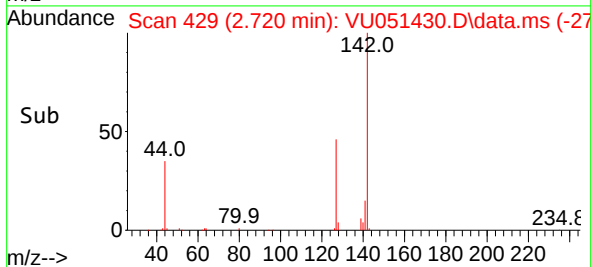
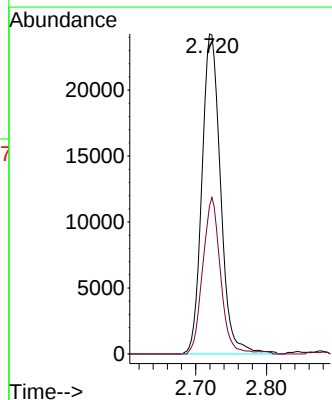
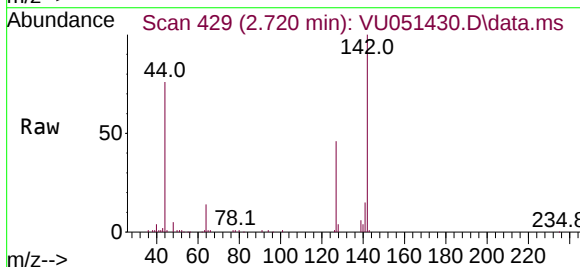
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ClientSampleId :
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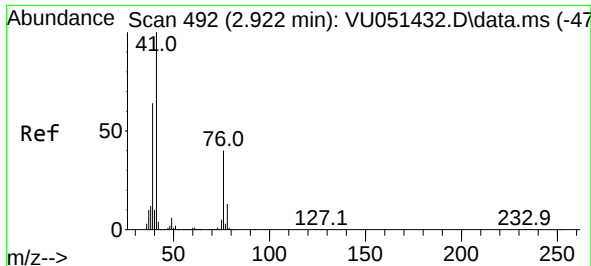
Tgt Ion: 96 Resp: 34571
Ion Ratio Lower Upper
96 100
61 168.3 0.0 522.3
98 61.3 0.0 126.6



#10
Iodomethane
Concen: 2.043 ug/l
RT: 2.720 min Scan# 429
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion: 142 Resp: 44389
Ion Ratio Lower Upper
142 100
127 46.4 37.0 55.4

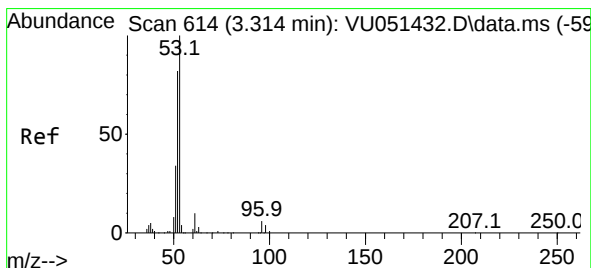
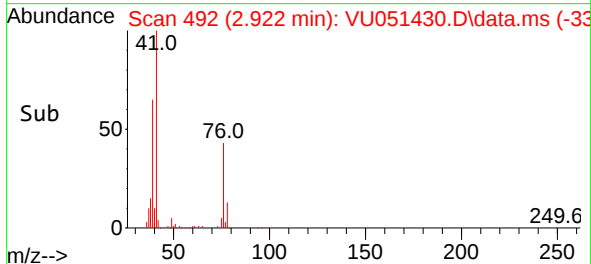
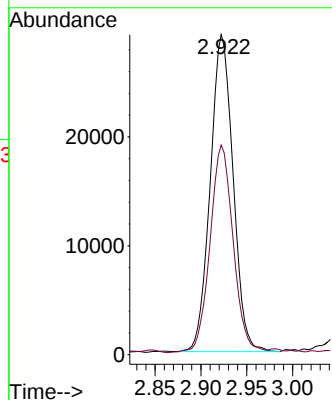
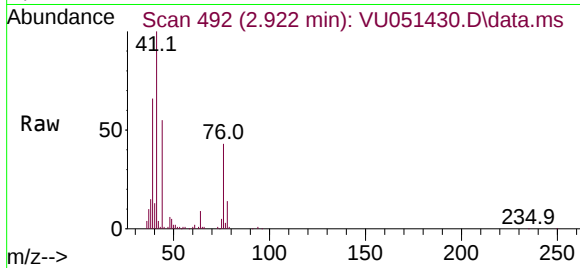




#11
 Allyl Chloride
 Concen: 2.117 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU051430.D
 Acq: 17 Oct 2022 15:41

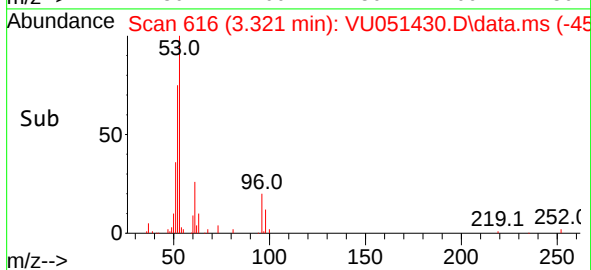
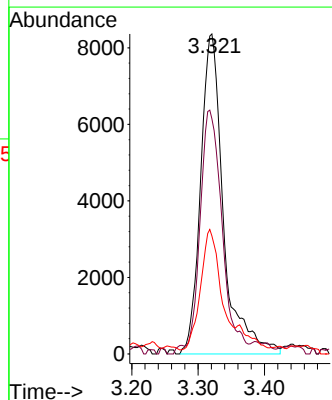
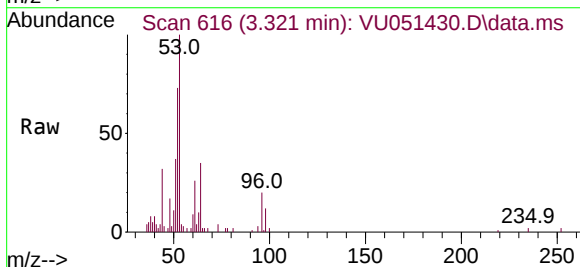
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

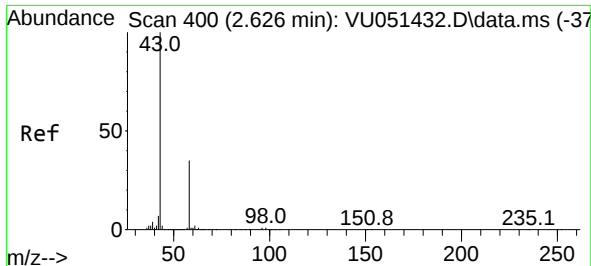
Tgt Ion: 41 Resp: 50398
 Ion Ratio Lower Upper
 41 100
 39 66.2 51.4 77.0



#12
 Acrylonitrile
 Concen: 4.175 ug/l
 RT: 3.321 min Scan# 616
 Delta R.T. 0.006 min
 Lab File: VU051430.D
 Acq: 17 Oct 2022 15:41

Tgt Ion: 53 Resp: 20081
 Ion Ratio Lower Upper
 53 100
 52 73.7 63.9 95.9
 51 33.1 25.9 38.9





#13

Acetone

Concen: 9.755 ug/l

RT: 2.633 min Scan# 400

Delta R.T. 0.006 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

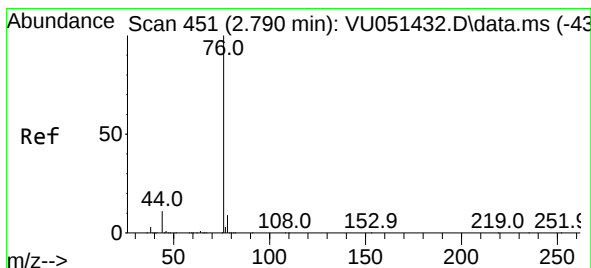
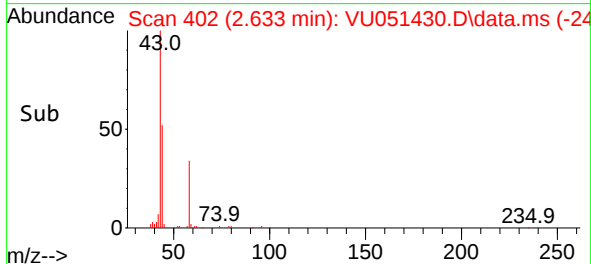
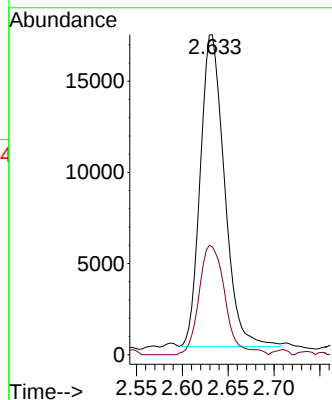
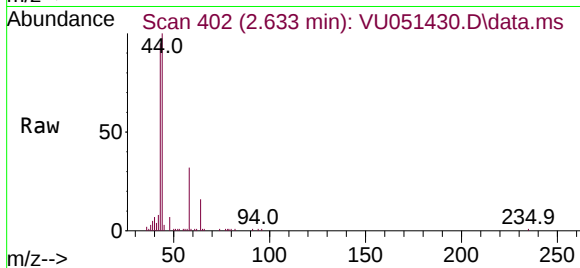
VSTDIC002

Tgt Ion: 43 Resp: 31366

Ion Ratio Lower Upper

43 100

58 33.9 27.9 41.9



#14

Carbon Disulfide

Concen: 2.097 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU051430.D

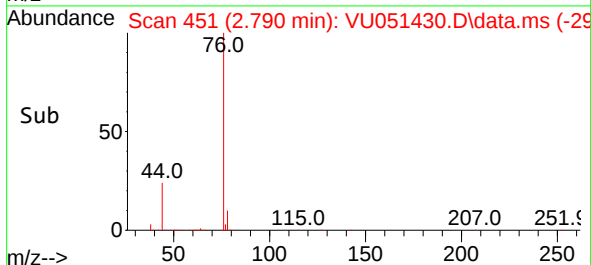
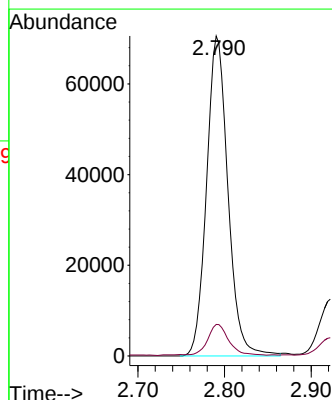
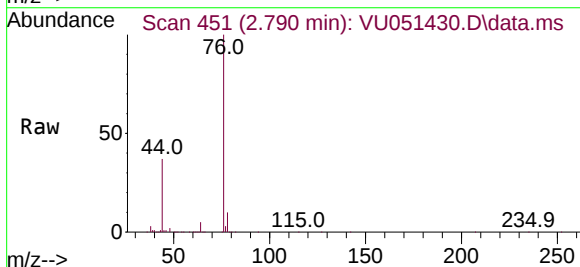
Acq: 17 Oct 2022 15:41

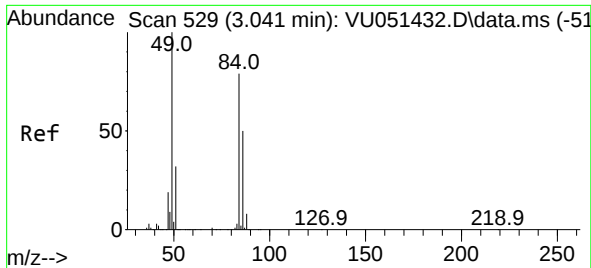
Tgt Ion: 76 Resp: 121104

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8



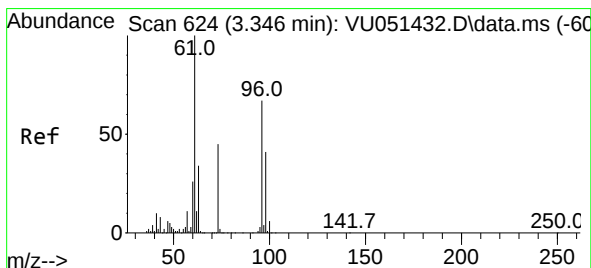
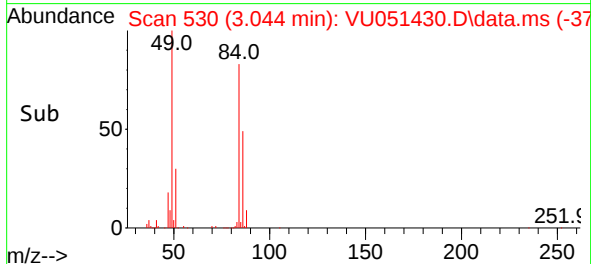
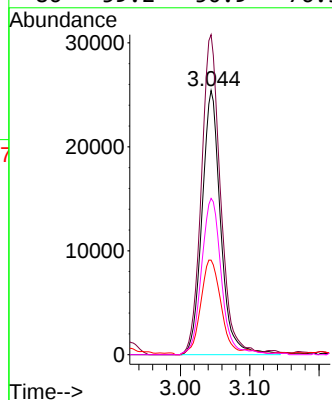
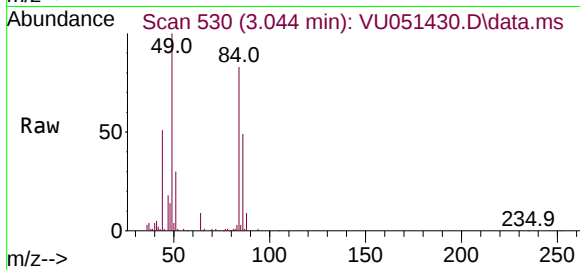


#15
Methylene Chloride
Concen: 1.805 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 84 Resp: 47508

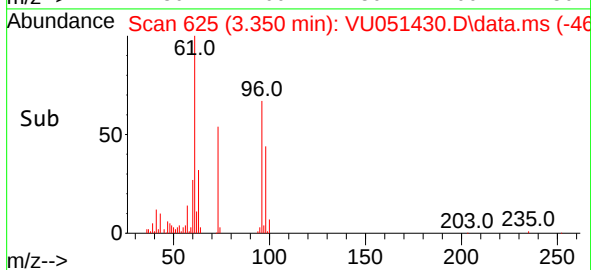
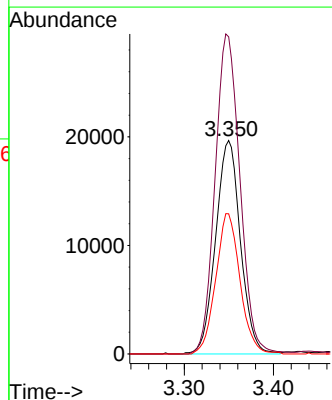
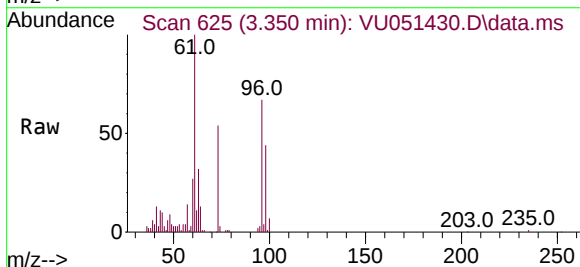
Ion	Ratio	Lower	Upper
84	100		
49	121.2	101.1	151.7
51	35.8	0.0	80.2
86	59.2	50.9	76.3

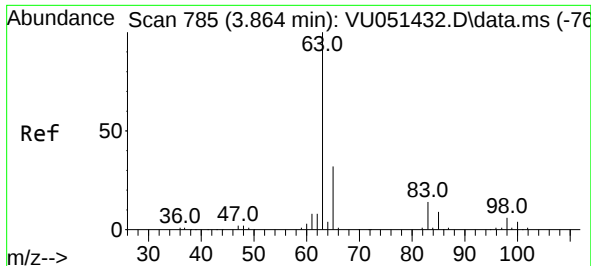


#16
trans-1,2-Dichloroethene
Concen: 2.200 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.003 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion: 96 Resp: 38141

Ion	Ratio	Lower	Upper
96	100		
61	148.6	119.9	179.9
98	65.6	49.5	74.3

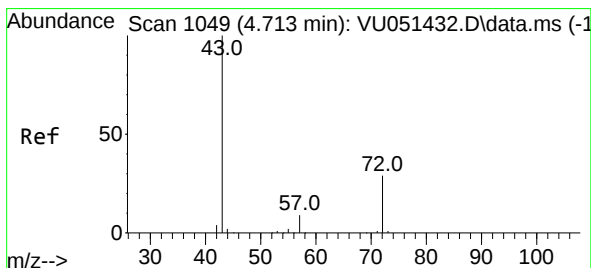
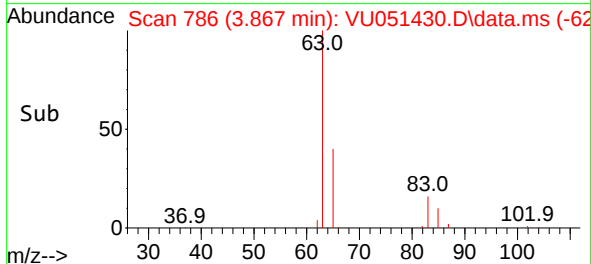
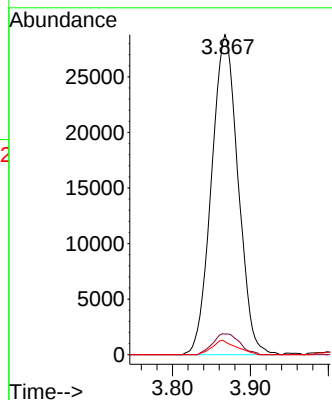
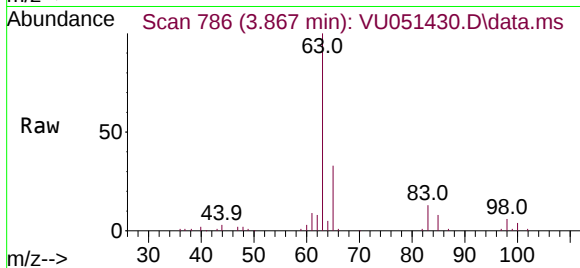




#17
1,1-Dichloroethane
Concen: 2.252 ug/l
RT: 3.867 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

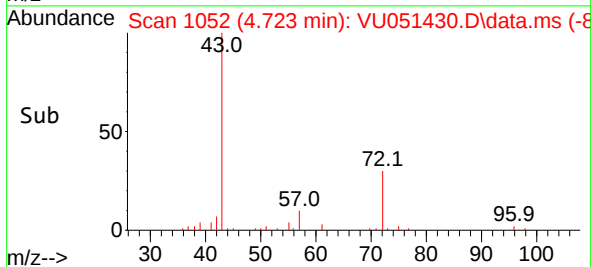
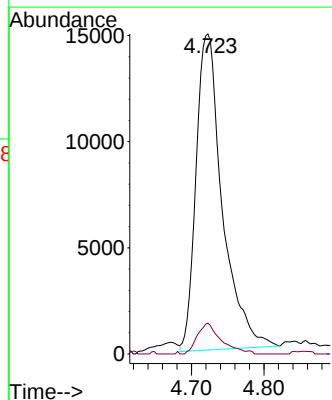
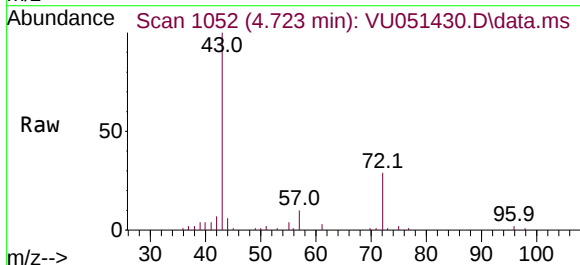
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

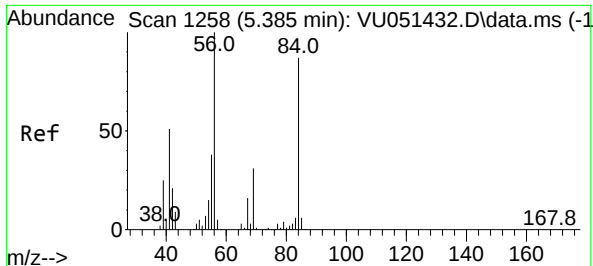
Tgt Ion: 63 Resp: 68362
Ion Ratio Lower Upper
63 100
98 6.5 3.1 9.3
100 4.1 2.1 6.3



#18
2-Butanone
Concen: 8.943 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.010 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion: 43 Resp: 37554
Ion Ratio Lower Upper
43 100
57 9.9 0.0 18.2





#19

Cyclohexane

Concen: 1.864 ug/l

RT: 5.388 min Scan# 1258

Delta R.T. 0.003 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

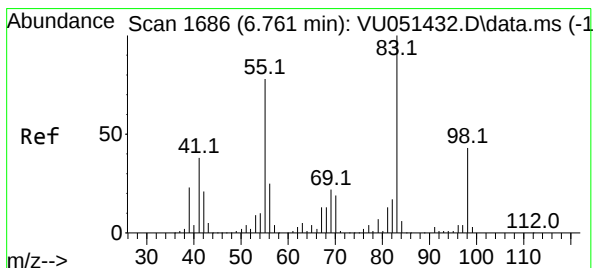
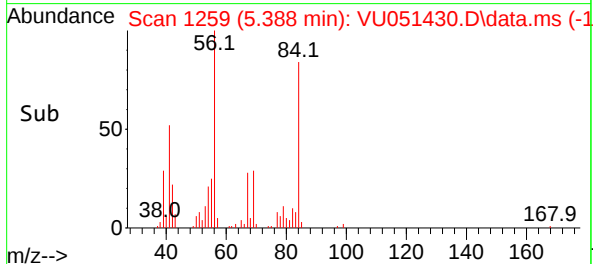
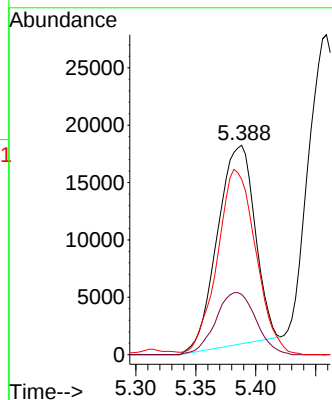
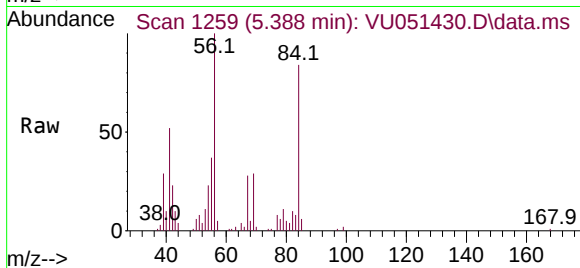
Tgt Ion: 56 Resp: 37710

Ion Ratio Lower Upper

56 100

69 33.5 25.0 37.4

84 94.1 68.5 102.7



#20

Methylcyclohexane

Concen: 1.973 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

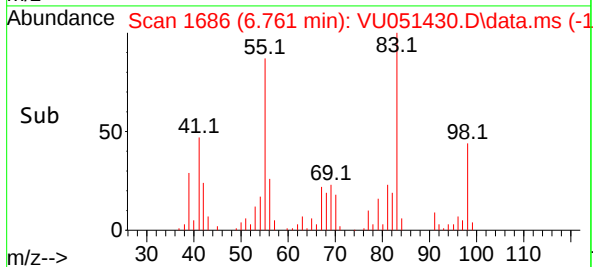
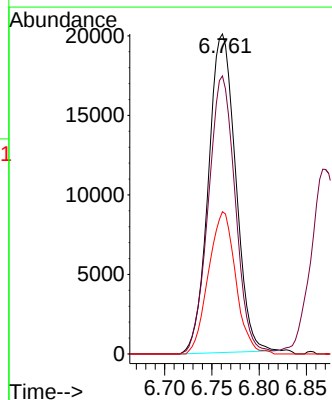
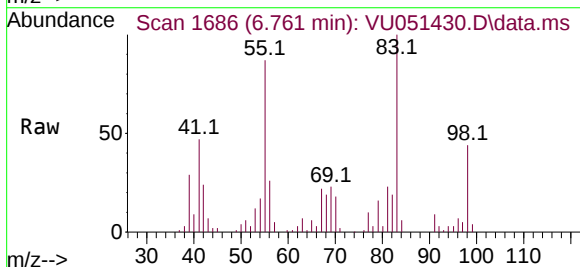
Tgt Ion: 83 Resp: 40177

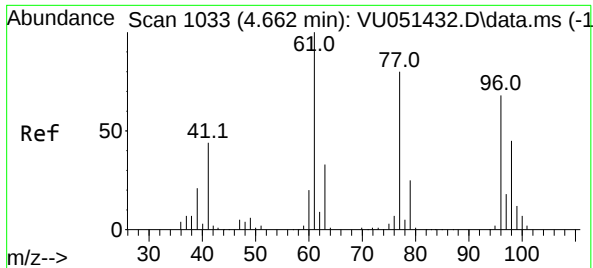
Ion Ratio Lower Upper

83 100

55 84.9 62.4 93.6

98 44.6 35.5 53.3





#21

2,2-Dichloropropane

Concen: 2.314 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

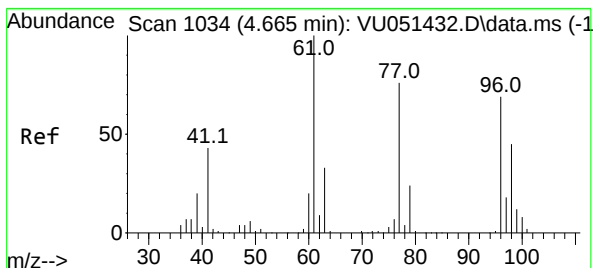
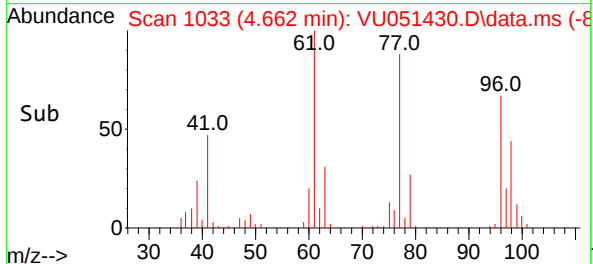
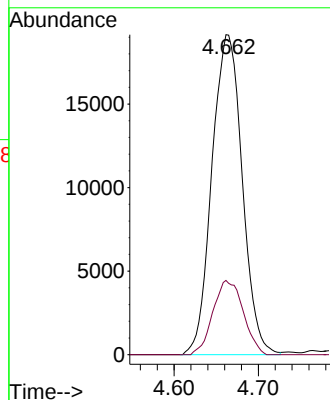
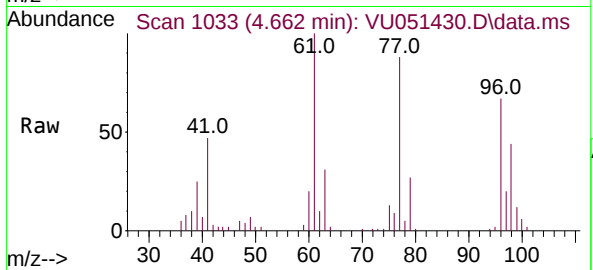
VSTDIC002

Tgt Ion: 77 Resp: 47860

Ion Ratio Lower Upper

77 100

97 23.1 19.0 28.6



#22

cis-1,2-Dichloroethene

Concen: 2.087 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

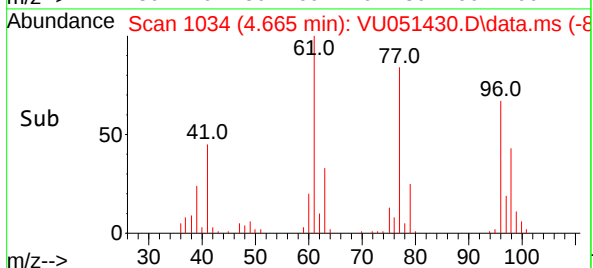
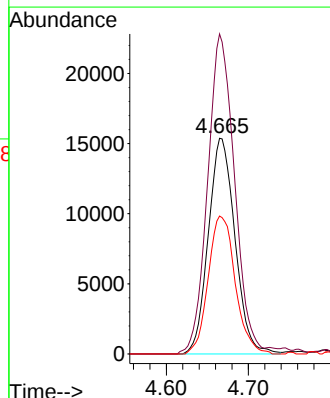
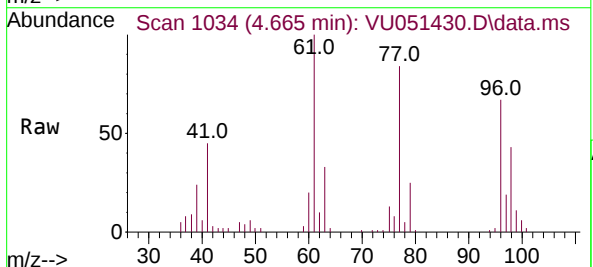
Tgt Ion: 96 Resp: 34773

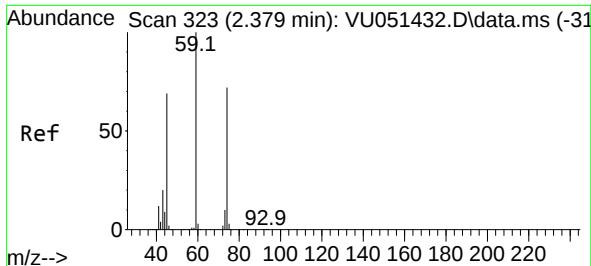
Ion Ratio Lower Upper

96 100

61 149.2 0.0 362.8

98 64.8 32.5 97.5

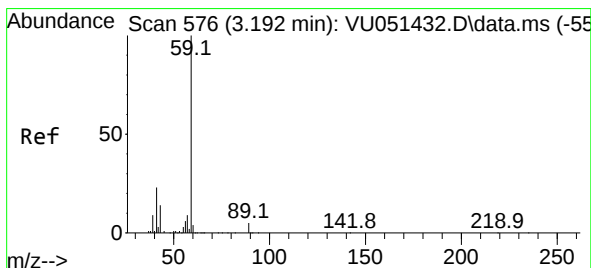
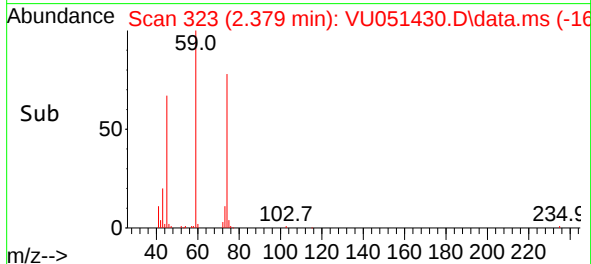
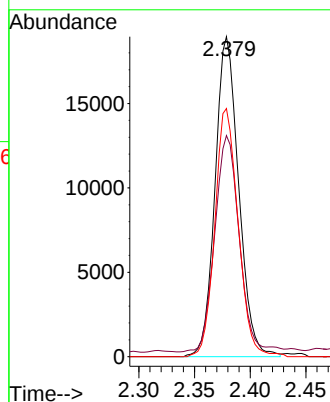
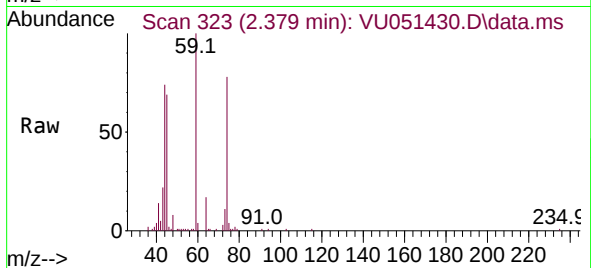




#23
Diethyl Ether
Concen: 2.042 ug/l
RT: 2.379 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

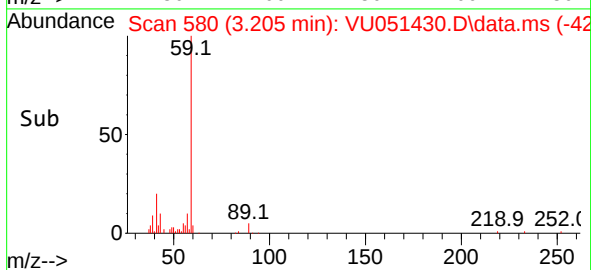
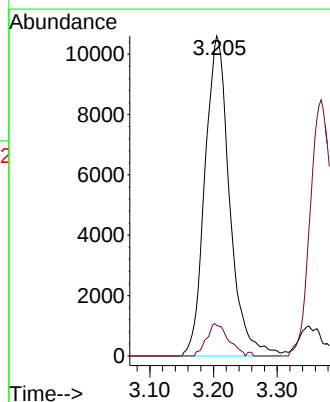
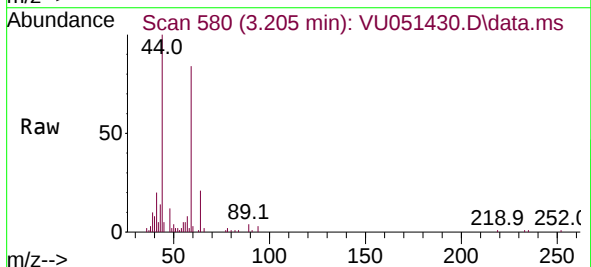
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

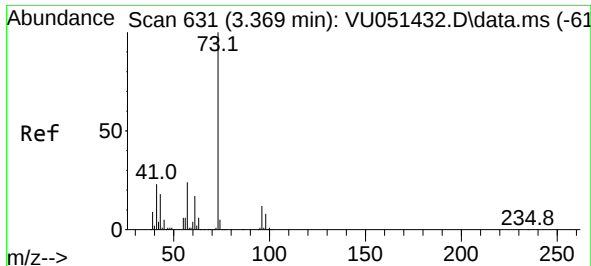
Tgt Ion: 59 Resp: 27938
Ion Ratio Lower Upper
59 100
45 70.0 55.7 83.5
74 76.6 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 36.086 ug/l
RT: 3.205 min Scan# 580
Delta R.T. 0.013 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion: 59 Resp: 28533
Ion Ratio Lower Upper
59 100
57 8.8 7.8 11.8

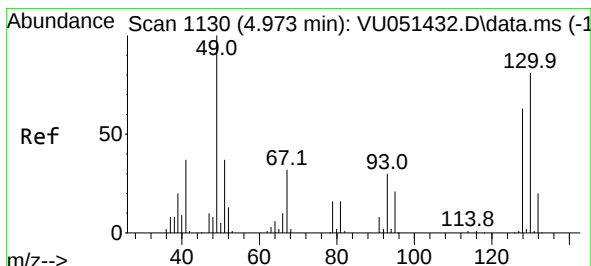
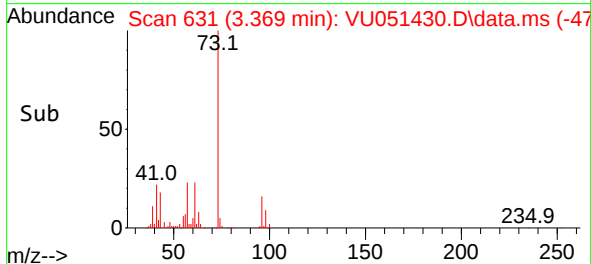
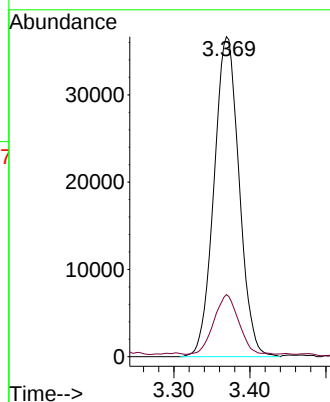
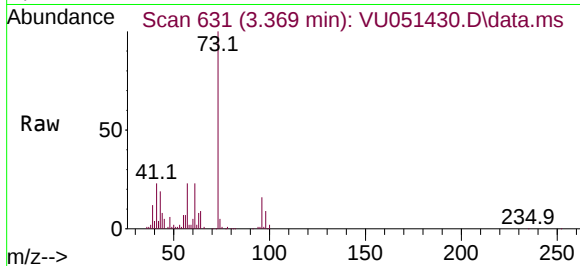




#25
Methyl tert-Butyl Ether
Concen: 2.056 ug/l
RT: 3.369 min Scan# 611
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

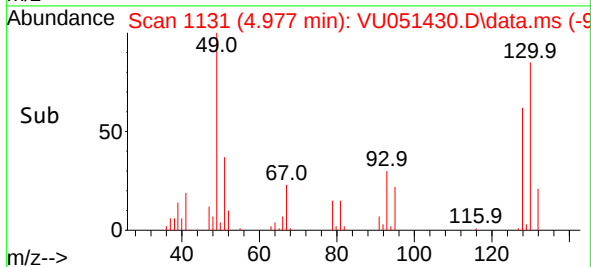
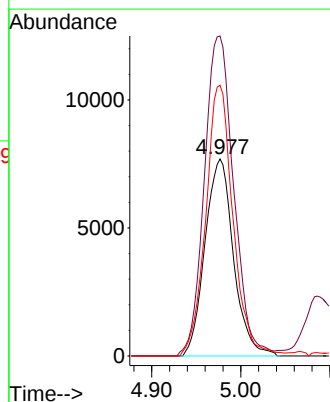
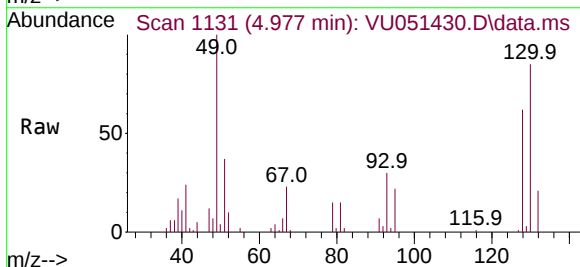
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

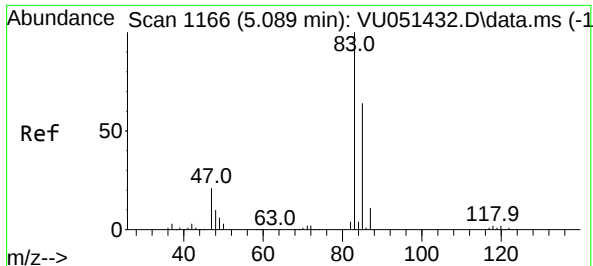
Tgt Ion: 73 Resp: 84097
Ion Ratio Lower Upper
73 100
43 18.3 14.2 21.4



#26
Bromochloromethane
Concen: 2.133 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion: 128 Resp: 17095
Ion Ratio Lower Upper
128 100
49 167.0 0.0 320.4
130 131.8 105.0 157.6





#27

Chloroform

Concen: 2.230 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

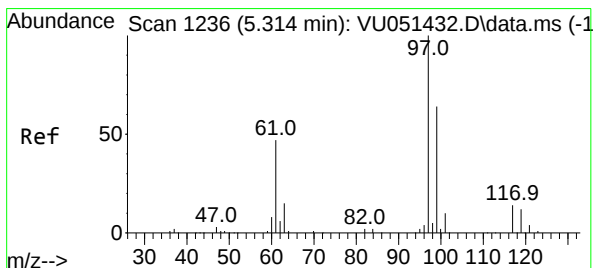
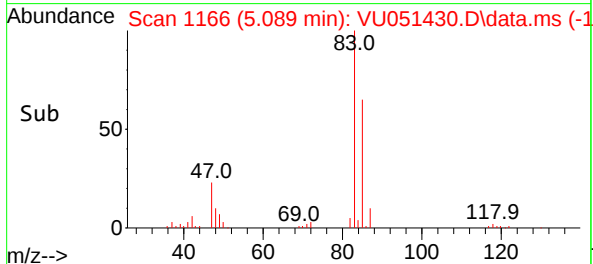
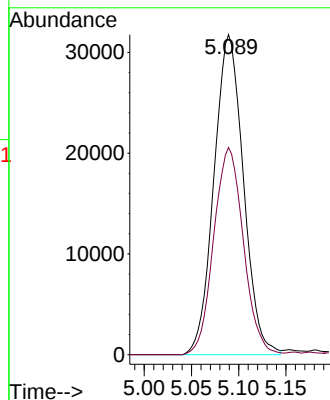
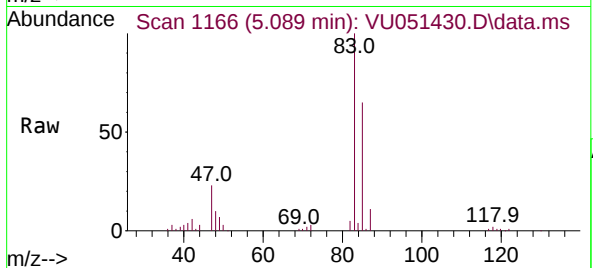
VSTDIC002

Tgt Ion: 83 Resp: 68810

Ion Ratio Lower Upper

83 100

85 64.7 0.0 128.8



#28

1,1,1-Trichloroethane

Concen: 2.273 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

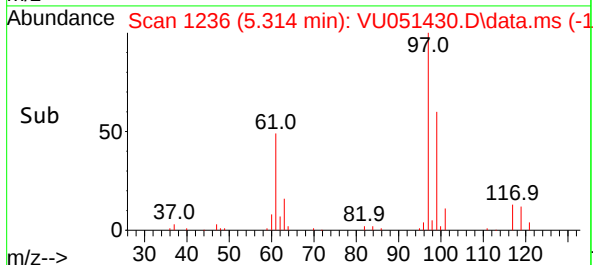
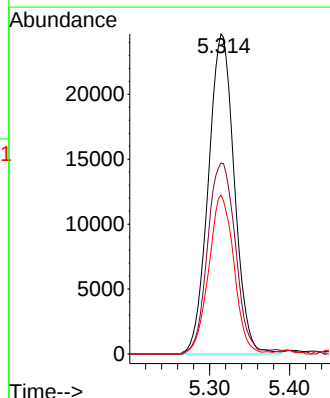
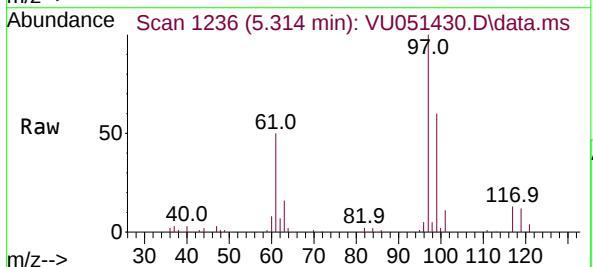
Tgt Ion: 97 Resp: 55574

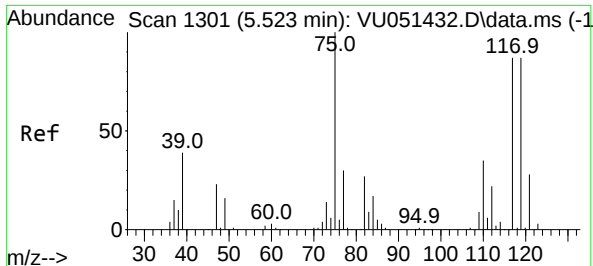
Ion Ratio Lower Upper

97 100

99 64.1 31.8 95.4

61 48.2 23.6 71.0





#29

1,1-Dichloropropene

Concen: 2.140 ug/l

RT: 5.523 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

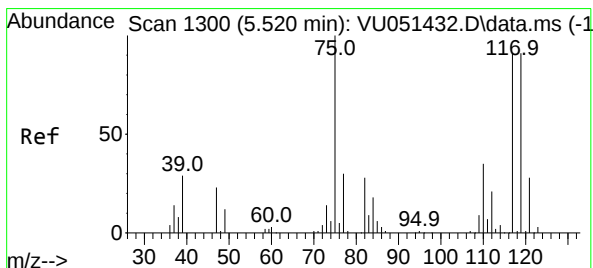
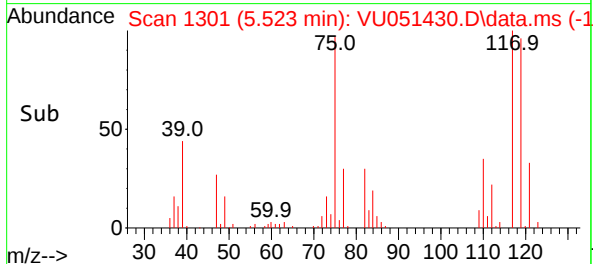
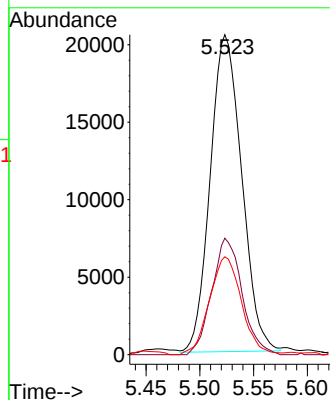
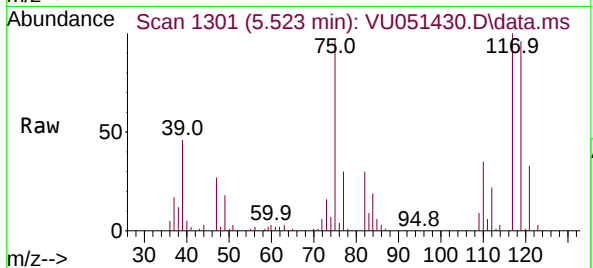
Tgt Ion: 75 Resp: 41625

Ion Ratio Lower Upper

75 100

110 35.4 17.8 53.3

77 31.4 24.2 36.4



#30

Carbon Tetrachloride

Concen: 2.322 ug/l

RT: 5.520 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

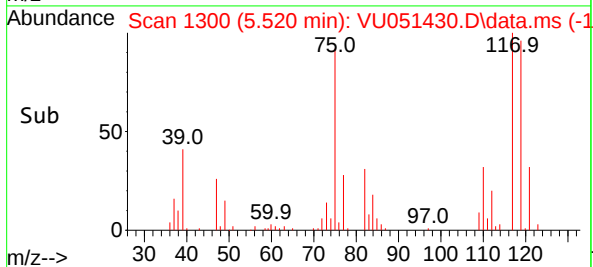
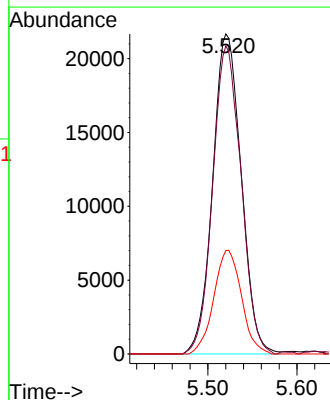
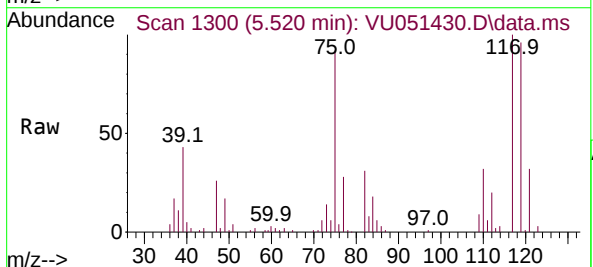
Tgt Ion: 117 Resp: 48233

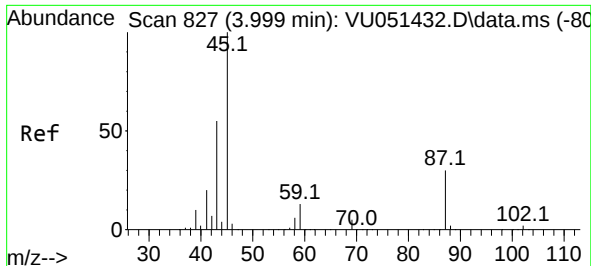
Ion Ratio Lower Upper

117 100

119 96.3 80.0 120.0

121 32.3 24.9 37.3

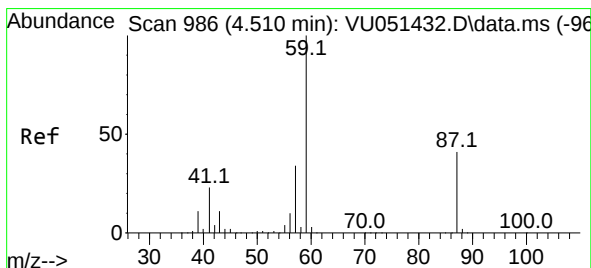
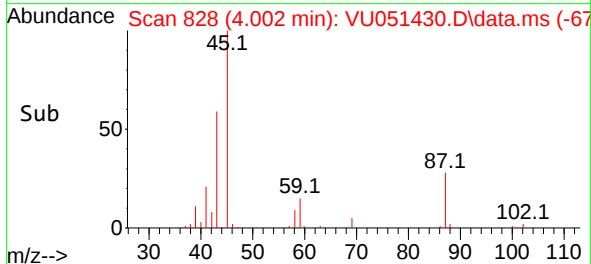
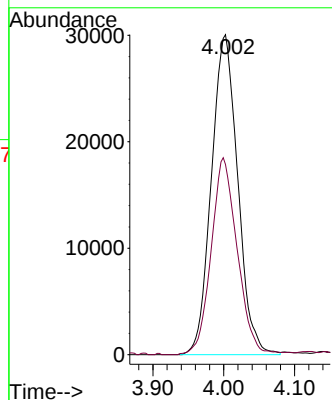
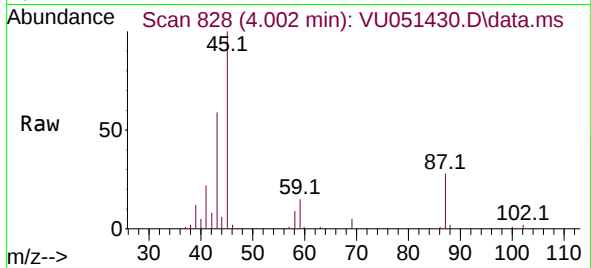




#31
Isopropyl Ether
Concen: 1.977 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

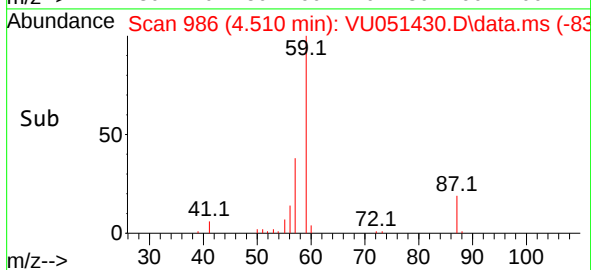
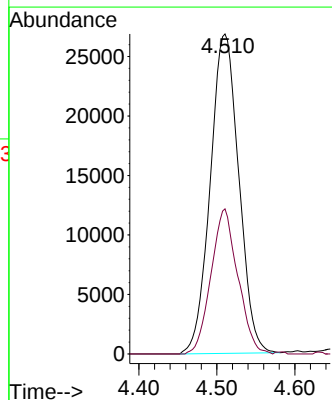
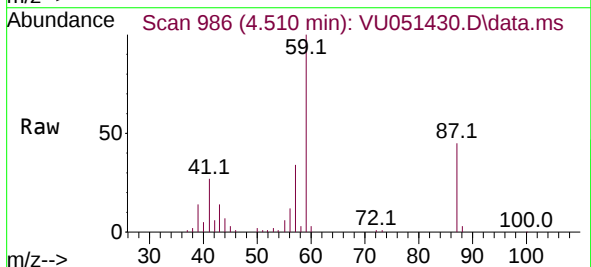
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

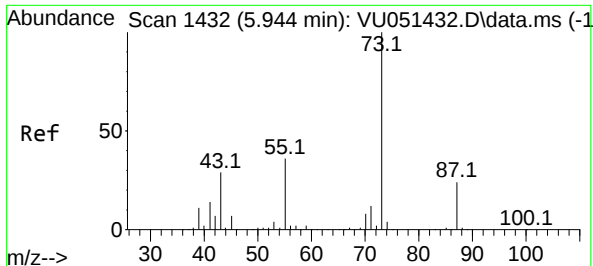
Tgt Ion: 45 Resp: 77624
Ion Ratio Lower Upper
45 100
43 60.9 27.6 82.7



#32
Ethyl-t-butyl ether
Concen: 1.958 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion: 59 Resp: 68280
Ion Ratio Lower Upper
59 100
87 42.7 33.8 50.8





#33

Tert-Amyl methyl ether

Concen: 1.904 ug/l

RT: 5.944 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

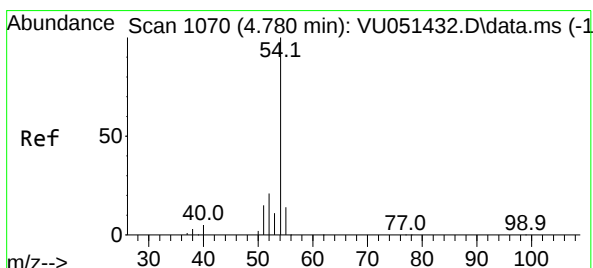
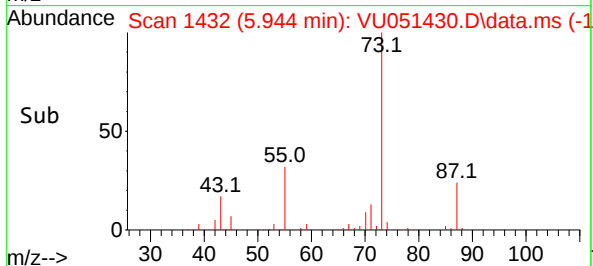
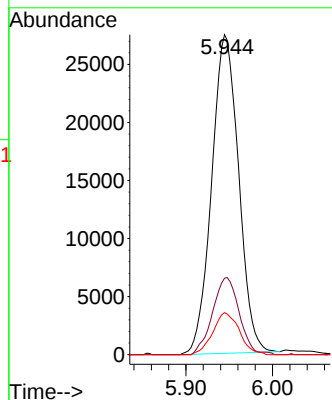
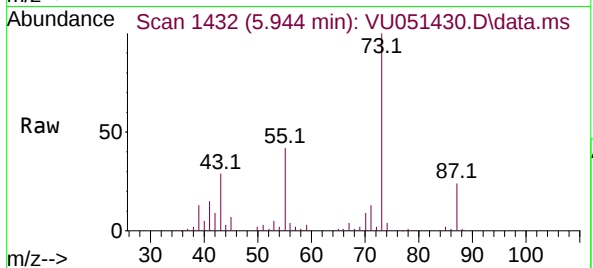
Tgt Ion: 73 Resp: 59348

Ion Ratio Lower Upper

73 100

87 24.0 18.9 28.3

71 13.0 9.4 14.2



#34

Propionitrile

Concen: 10.733 ug/l

RT: 4.790 min Scan# 1073

Delta R.T. 0.010 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

Tgt Ion: 54 Resp: 14128

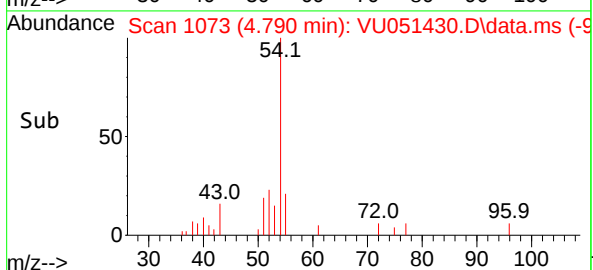
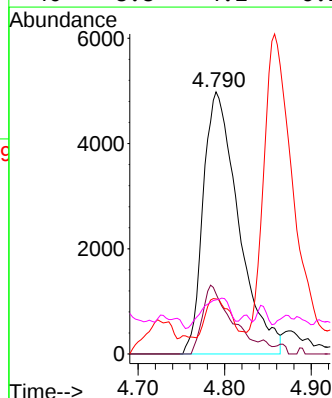
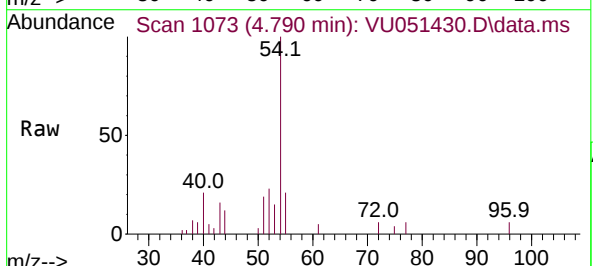
Ion Ratio Lower Upper

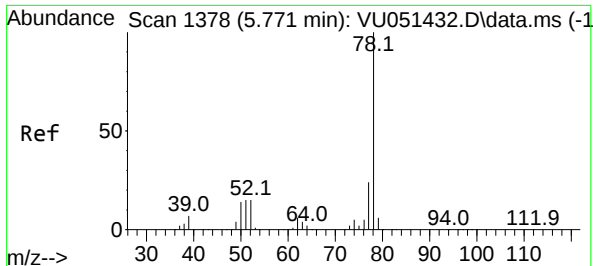
54 100

52 21.4 16.4 24.6

55 10.3 11.5 17.3#

40 8.8 4.2 6.2#

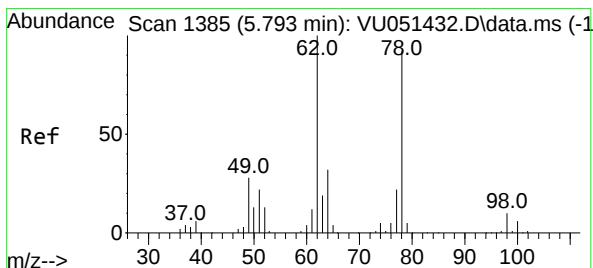
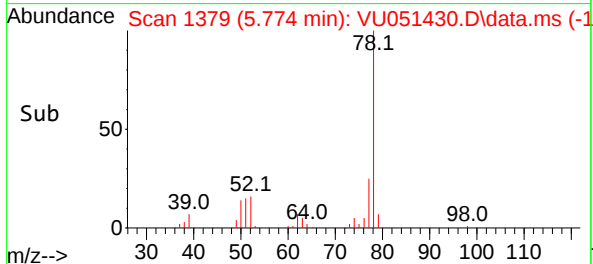
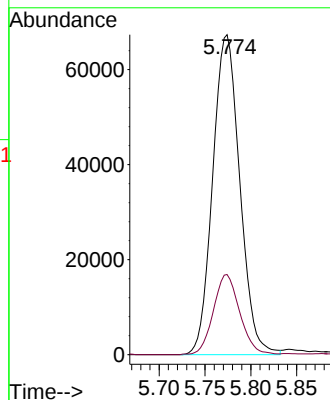
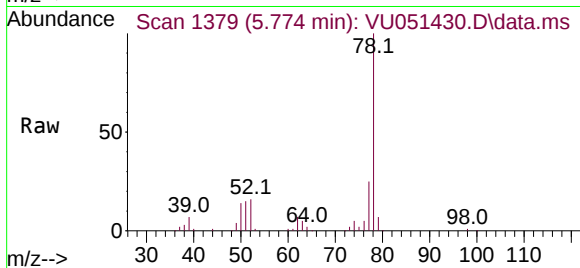




#35
Benzene
Concen: 2.144 ug/l
RT: 5.774 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

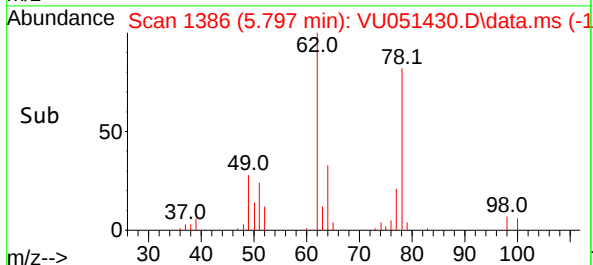
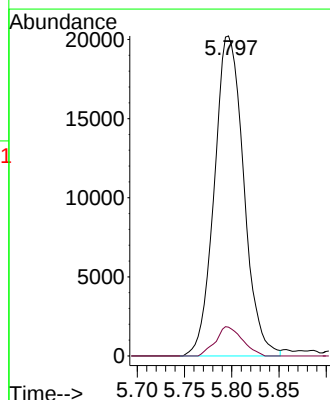
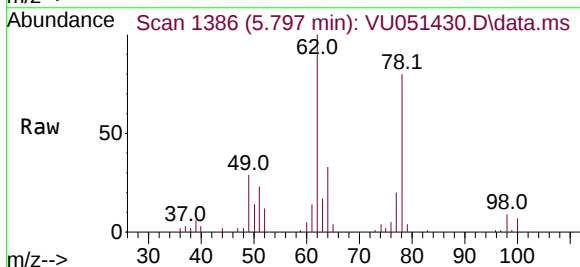
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 78 Resp: 138497
Ion Ratio Lower Upper
78 100
77 25.1 19.0 28.6



#36
1,2-Dichloroethane
Concen: 2.157 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion: 62 Resp: 43703
Ion Ratio Lower Upper
62 100
98 8.3 7.4 11.2





#37

Trichloroethene

Concen: 2.123 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. -0.003 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

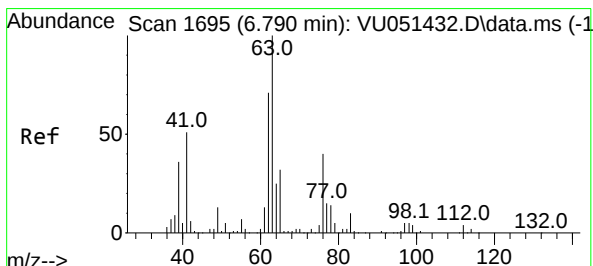
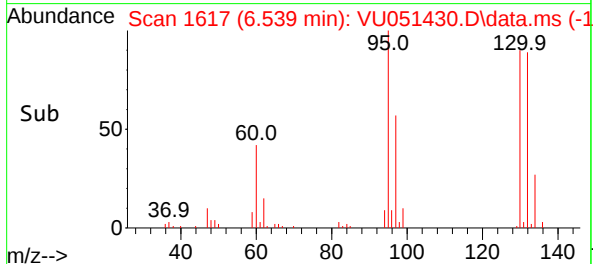
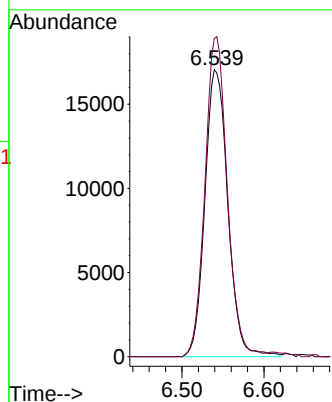
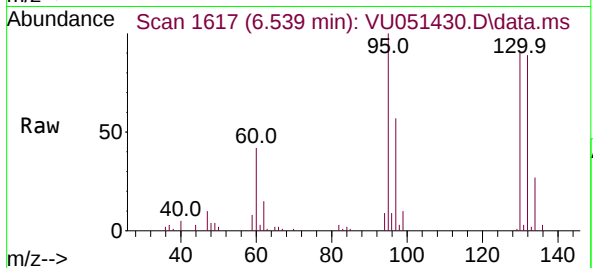
VSTDIC002

Tgt Ion:130 Resp: 33218

Ion Ratio Lower Upper

130 100

95 110.9 80.2 120.4



#38

1,2-Dichloropropane

Concen: 2.221 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VU051430.D

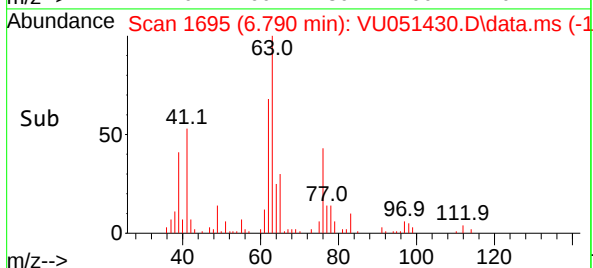
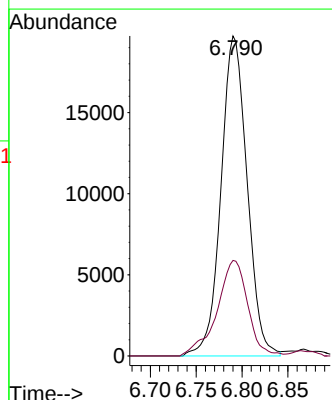
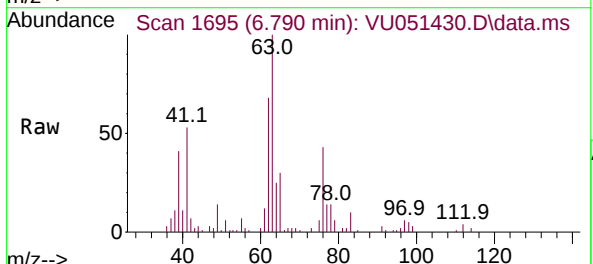
Acq: 17 Oct 2022 15:41

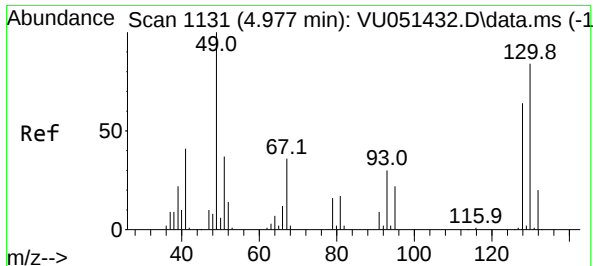
Tgt Ion: 63 Resp: 39082

Ion Ratio Lower Upper

63 100

65 29.8 25.4 38.2





#39

Methacrylonitrile

Concen: 1.880 ug/l

RT: 4.986 min Scan# 1134

Delta R.T. 0.010 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 41 Resp: 8744

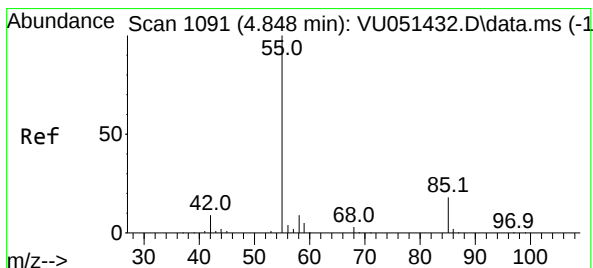
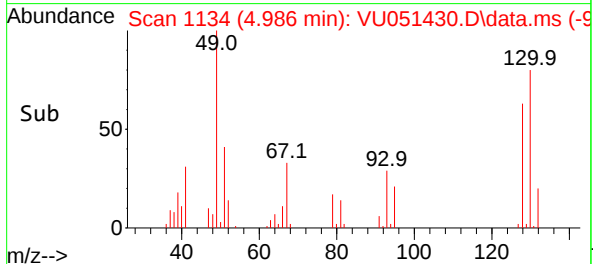
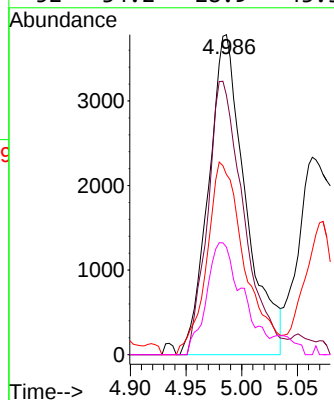
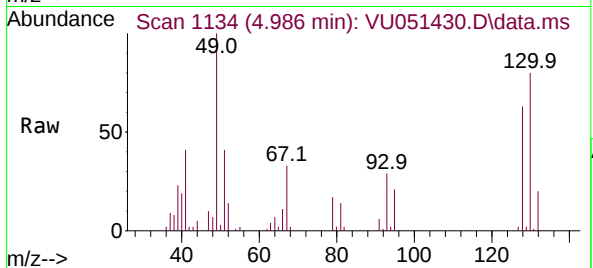
Ion Ratio Lower Upper

41 100

67 83.7 69.6 104.4

39 61.5 42.2 63.4

52 34.2 28.9 43.3



#40

Methyl acrylate

Concen: 1.574 ug/l

RT: 4.858 min Scan# 1094

Delta R.T. 0.010 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

Tgt Ion: 55 Resp: 12584

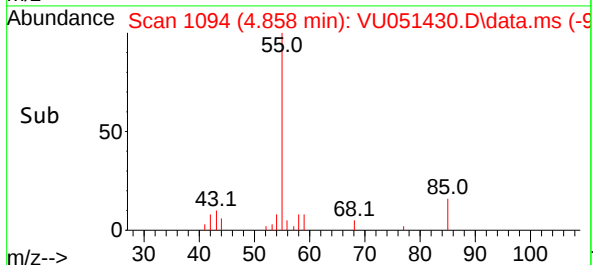
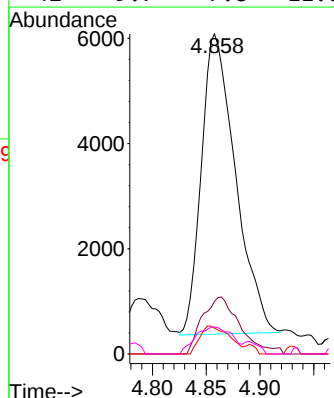
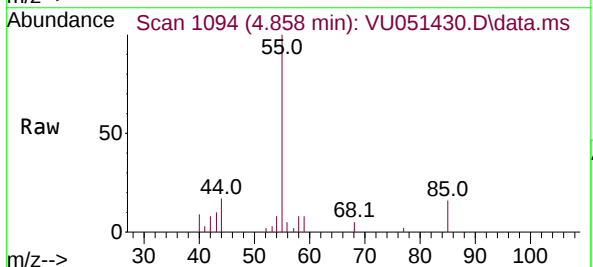
Ion Ratio Lower Upper

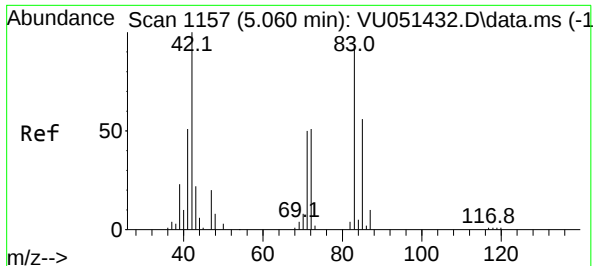
55 100

85 21.0 15.0 22.6

58 8.0 7.5 11.3

42 9.7 7.8 11.6

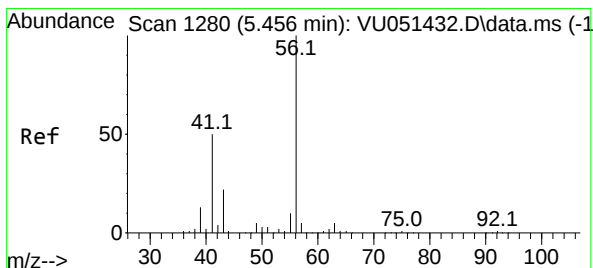
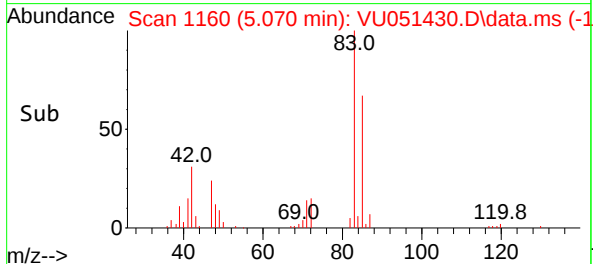
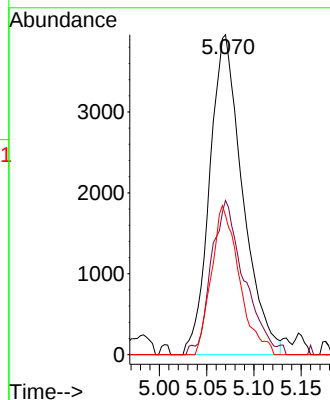
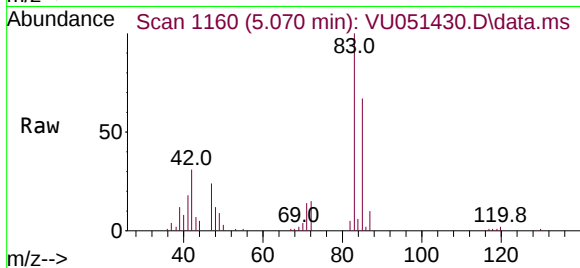




#41
Tetrahydrofuran
Concen: 3.907 ug/l
RT: 5.070 min Scan# 1157
Delta R.T. 0.010 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

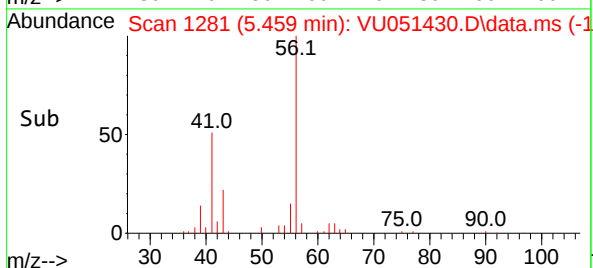
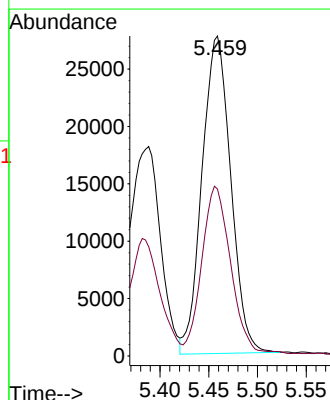
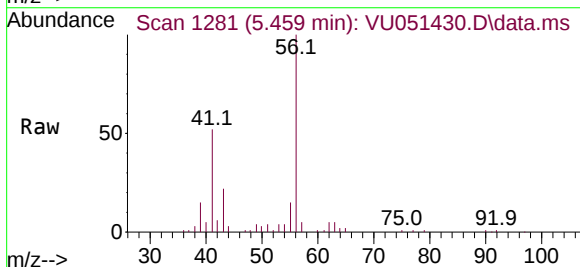
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

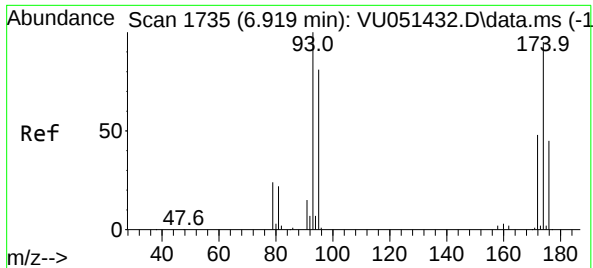
Tgt Ion: 42 Resp: 9593
Ion Ratio Lower Upper
42 100
72 48.2 42.6 64.0
71 39.3 38.3 57.5



#42
1-Chlorobutane
Concen: 2.101 ug/l
RT: 5.459 min Scan# 1281
Delta R.T. 0.003 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion: 56 Resp: 56762
Ion Ratio Lower Upper
56 100
41 53.4 24.8 74.4

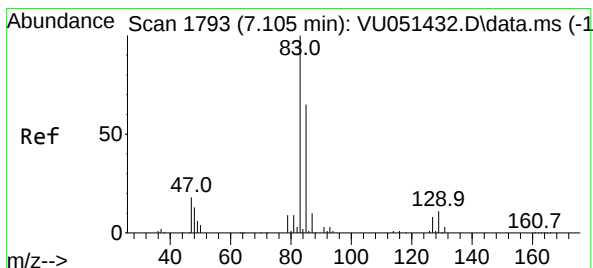
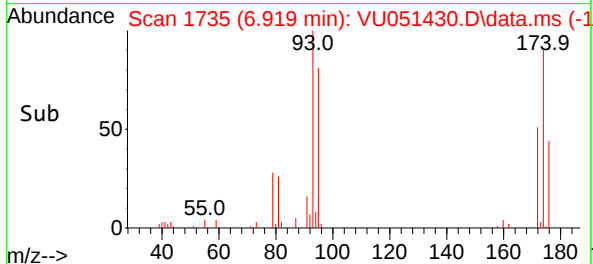
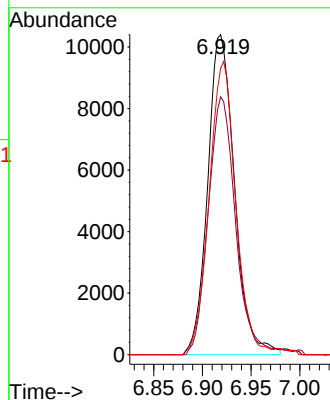
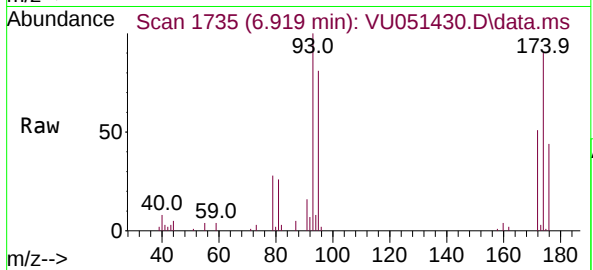




#43
Dibromomethane
Concen: 2.109 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

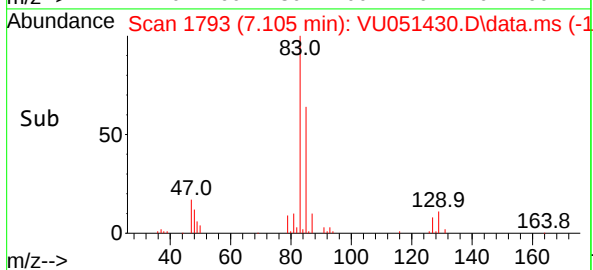
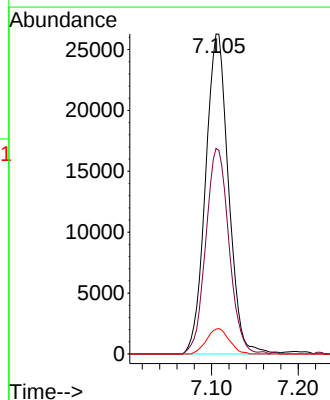
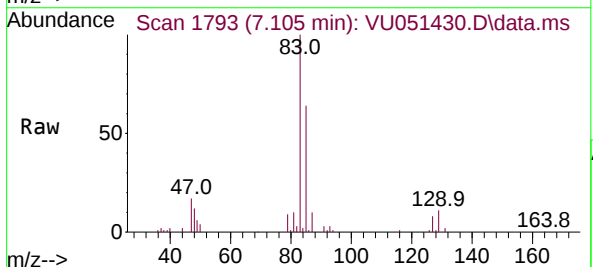
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 93 Resp: 19934
Ion Ratio Lower Upper
93 100
95 82.7 66.7 100.1
174 90.2 75.5 113.3



#44
Bromodichloromethane
Concen: 2.187 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion: 83 Resp: 48417
Ion Ratio Lower Upper
83 100
85 64.3 52.1 78.1
127 7.8 6.8 10.2

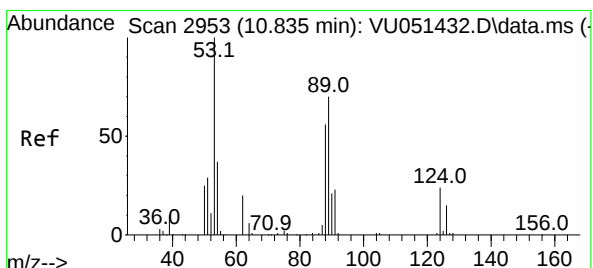
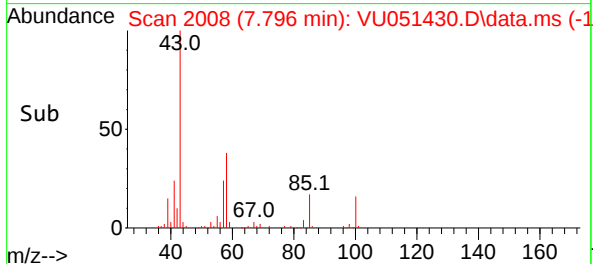
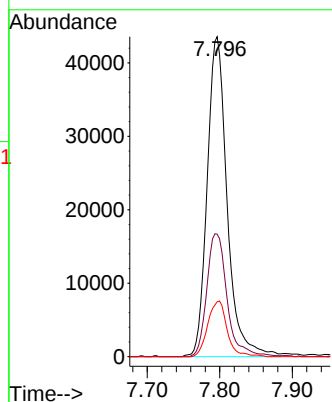
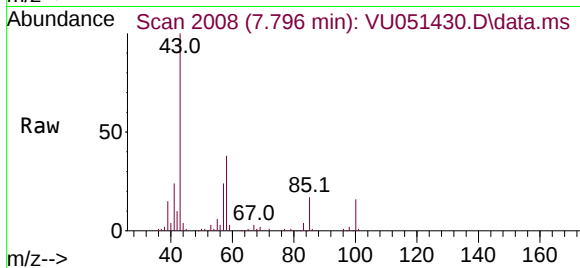




#45
4-Methyl-2-Pentanone
Concen: 8.326 ug/l
RT: 7.796 min Scan# 2007
Delta R.T. 0.003 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

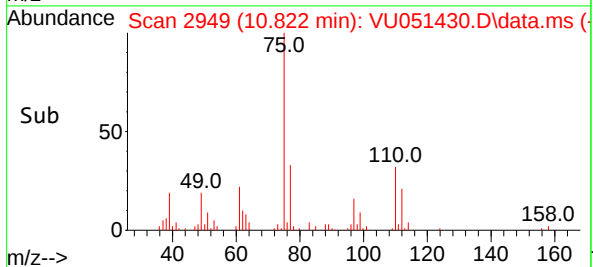
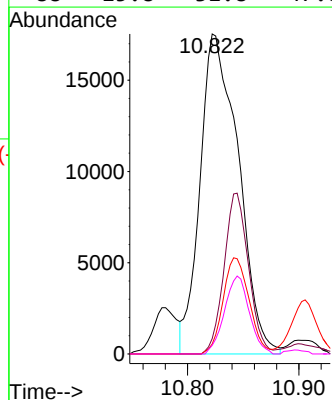
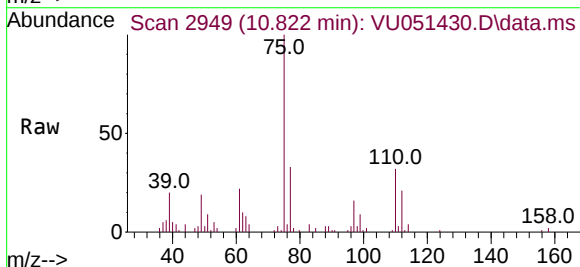
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

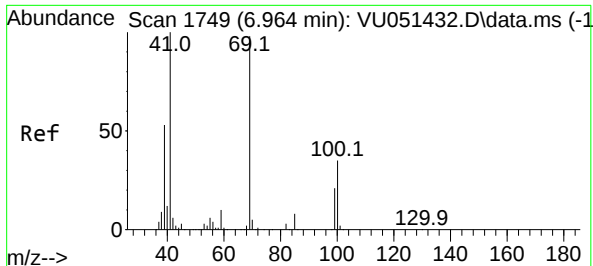
Tgt Ion: 43 Resp: 83253
Ion Ratio Lower Upper
43 100
58 39.2 21.4 64.3
85 17.0 15.4 23.0



#46
t-1,4-Dichloro-2-butene
Concen: 11.819 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.013 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion: 75 Resp: 41725
Ion Ratio Lower Upper
75 100
53 32.3 61.1 91.7#
89 20.7 41.0 61.6#
88 15.8 31.8 47.8#

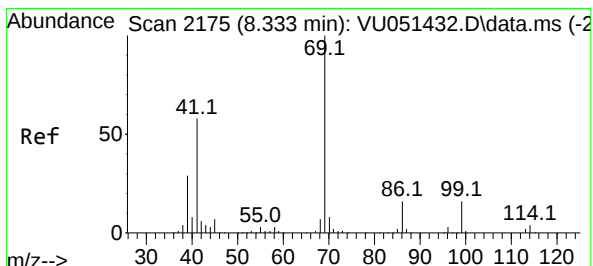
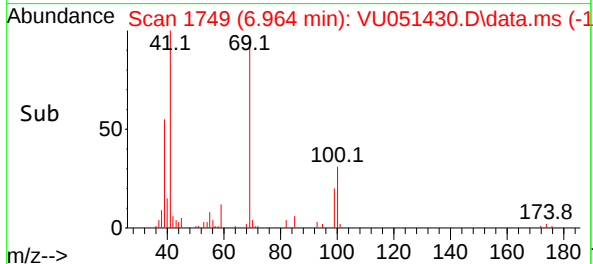
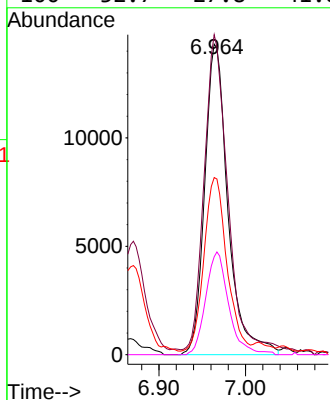
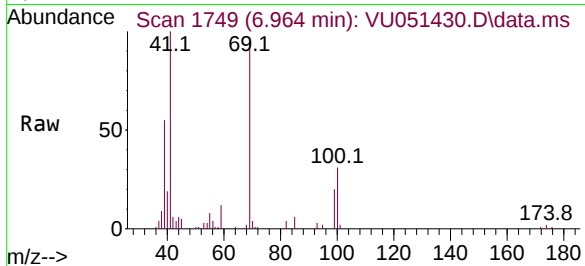




#47
Methyl methacrylate
Concen: 3.525 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

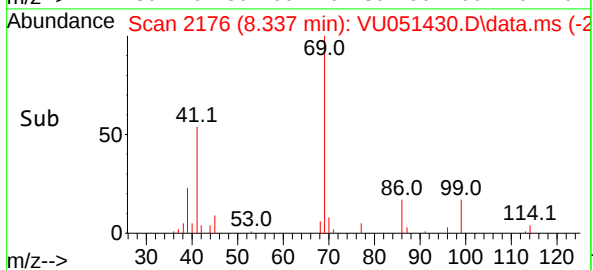
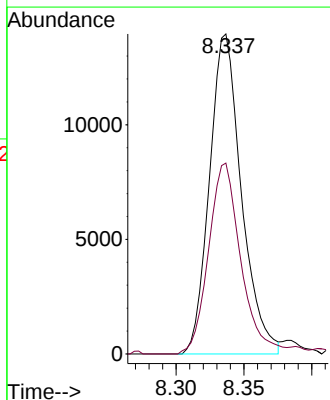
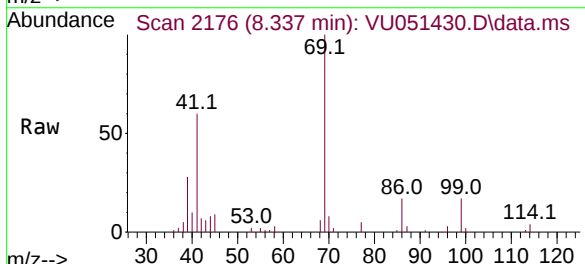
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

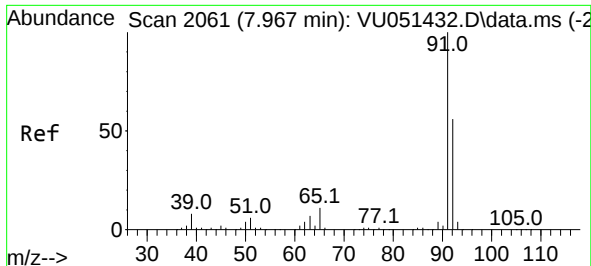
Tgt Ion: 69 Resp: 26837
Ion Ratio Lower Upper
69 100
41 102.6 0.0 200.8
39 54.6 44.1 66.1
100 32.7 27.8 41.8



#48
Ethyl methacrylate
Concen: 1.792 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.003 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion: 69 Resp: 22883
Ion Ratio Lower Upper
69 100
41 60.1 28.8 86.5





#49

Toluene

Concen: 2.062 ug/l

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

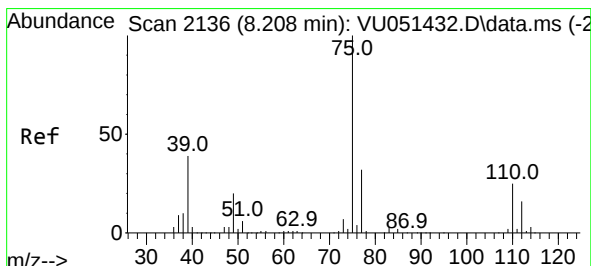
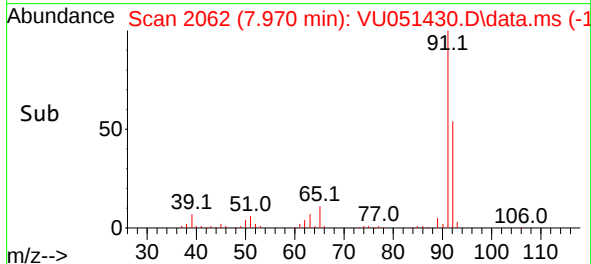
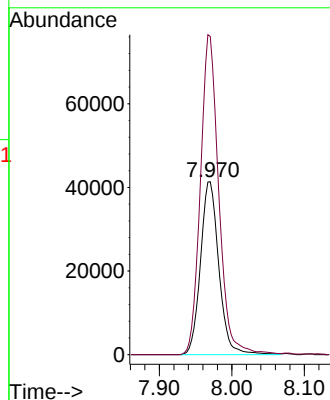
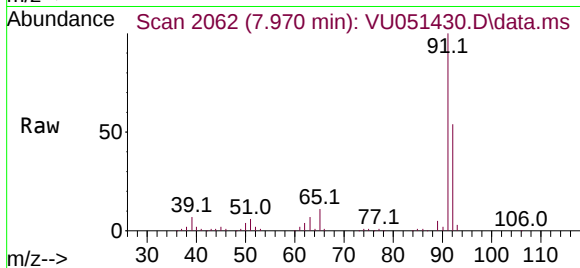
VSTDIC002

Tgt Ion: 92 Resp: 72733

Ion Ratio Lower Upper

92 100

91 185.2 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 2.023 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU051430.D

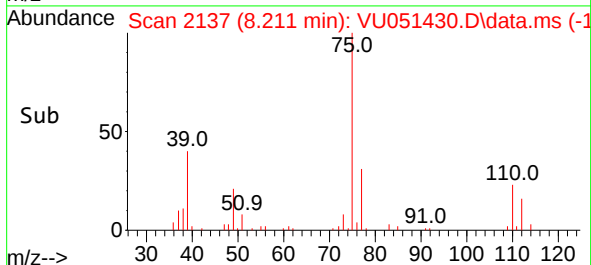
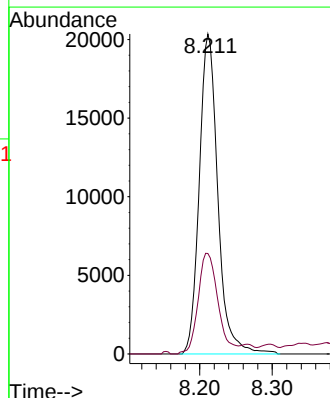
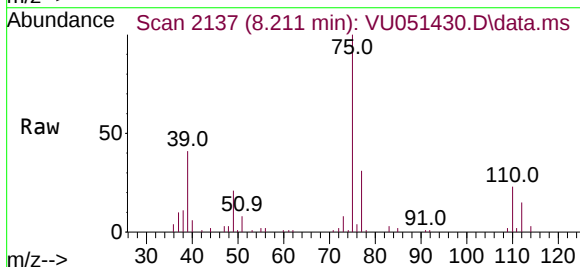
Acq: 17 Oct 2022 15:41

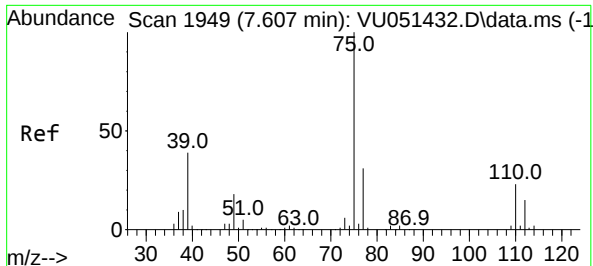
Tgt Ion: 75 Resp: 36142

Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.6



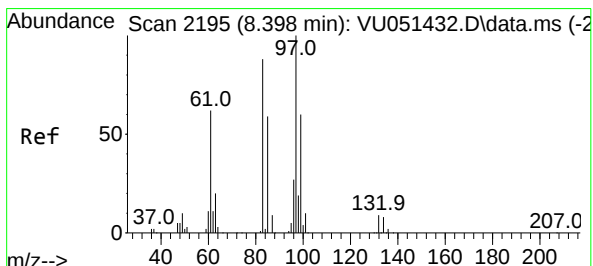
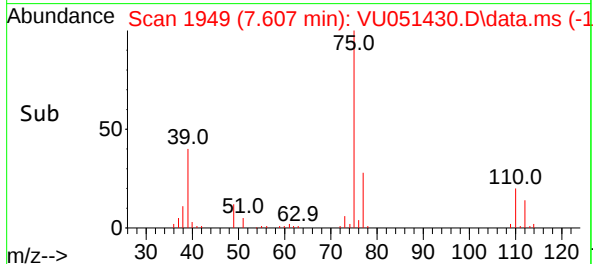
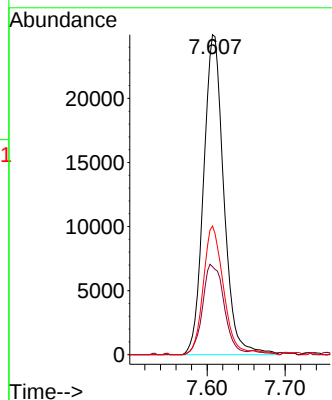
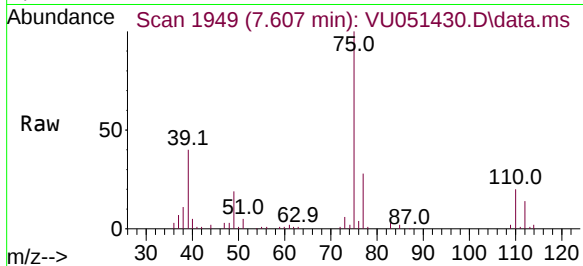


#51
 cis-1,3-Dichloropropene
 Concen: 2.164 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VU051430.D
 Acq: 17 Oct 2022 15:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion: 75 Resp: 45078

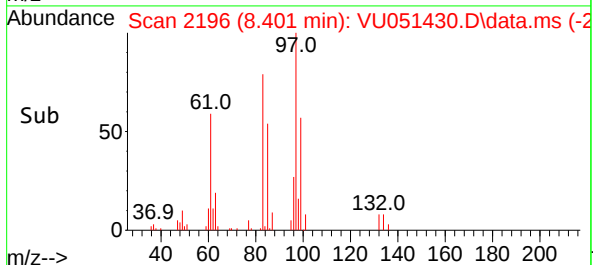
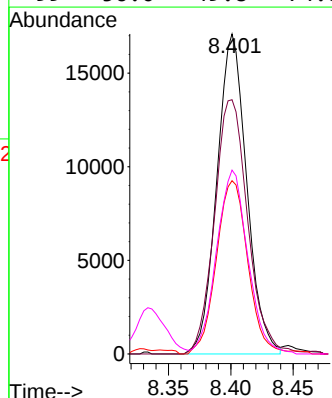
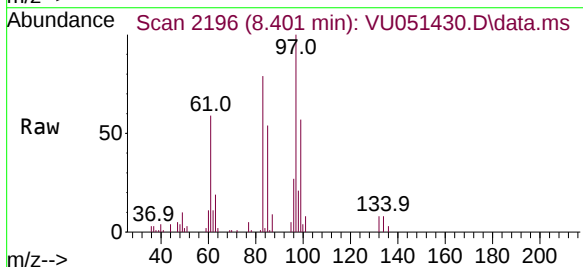
Ion	Ratio	Lower	Upper
75	100		
77	27.5	25.1	37.7
39	40.2	31.4	47.0

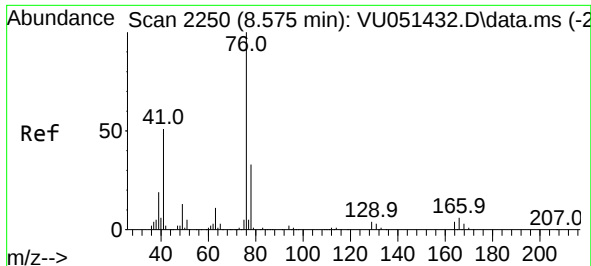


#52
 1,1,2-Trichloroethane
 Concen: 2.071 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.003 min
 Lab File: VU051430.D
 Acq: 17 Oct 2022 15:41

Tgt Ion: 97 Resp: 28487

Ion	Ratio	Lower	Upper
97	100		
83	79.5	70.6	105.8
85	54.1	47.0	70.4
99	56.0	49.8	74.8





#53

1,3-Dichloropropane

Concen: 2.050 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

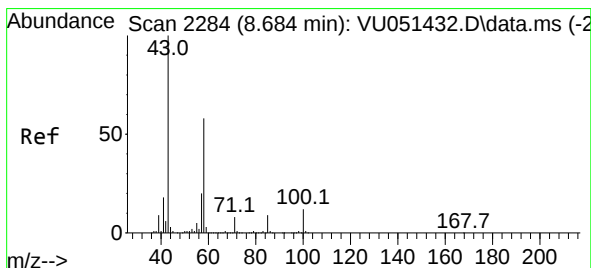
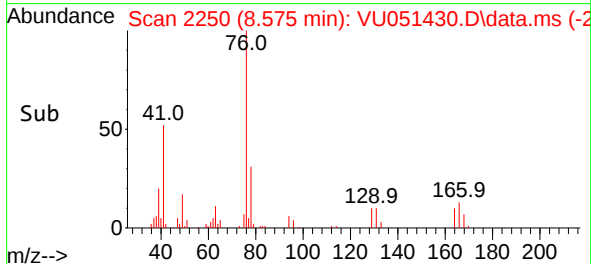
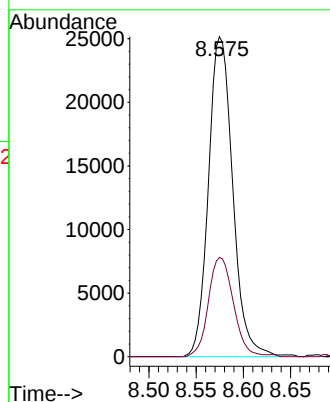
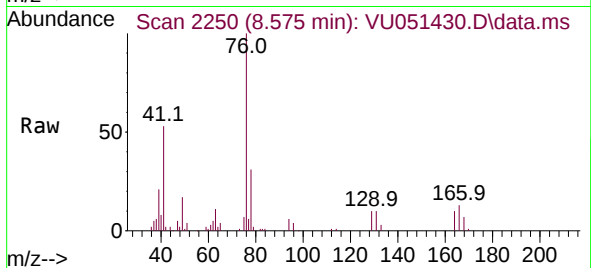
VSTDICC002

Tgt Ion: 76 Resp: 44937

Ion Ratio Lower Upper

76 100

78 31.8 26.4 39.6



#54

2-Hexanone

Concen: 8.151 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.003 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

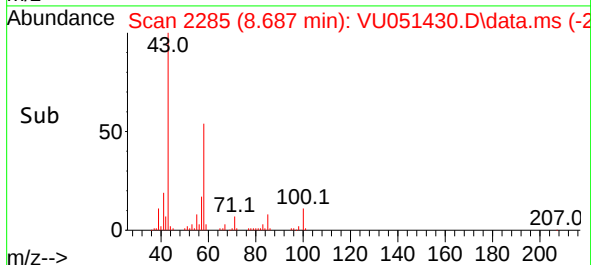
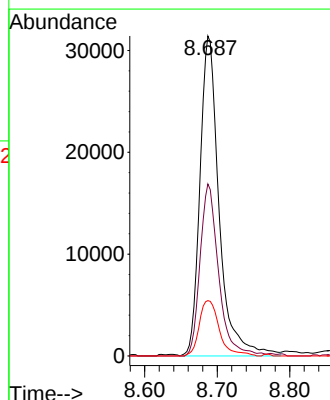
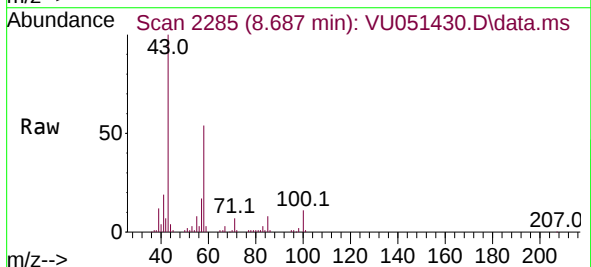
Tgt Ion: 43 Resp: 57690

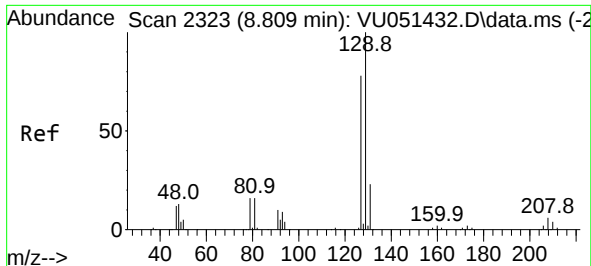
Ion Ratio Lower Upper

43 100

58 52.0 38.0 78.0

57 18.2 0.0 39.9

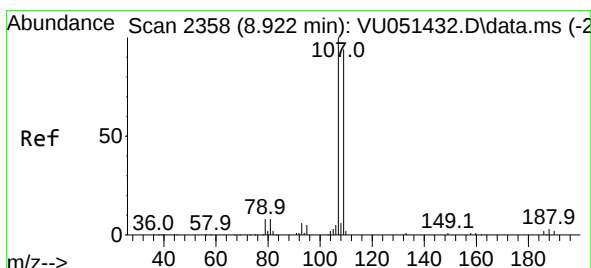
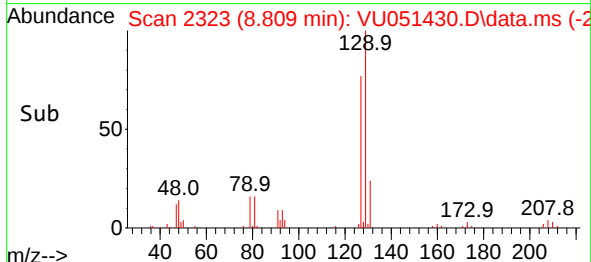
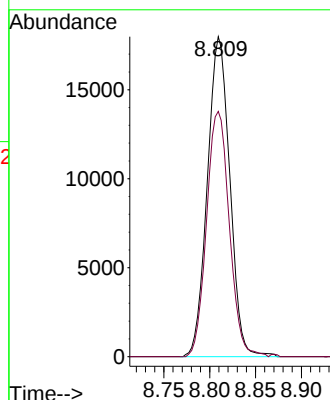
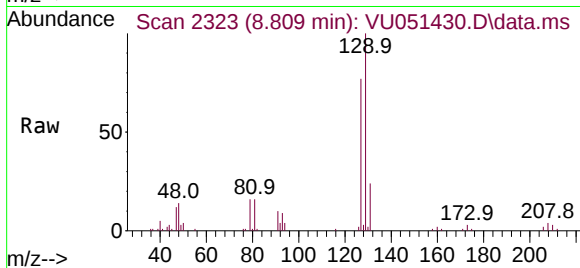




#55
Dibromochloromethane
Concen: 2.043 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

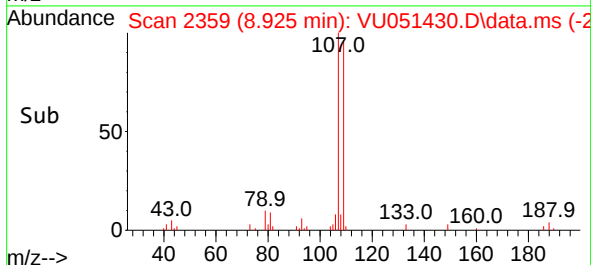
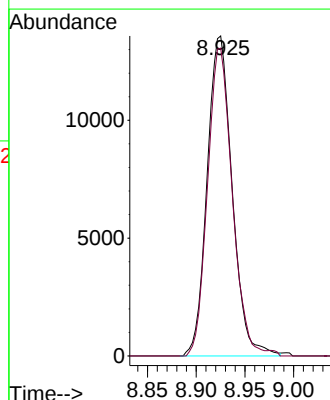
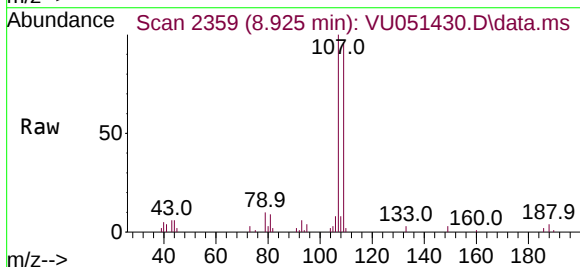
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

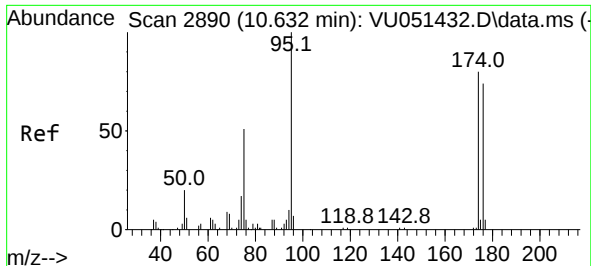
Tgt Ion:129 Resp: 30619
Ion Ratio Lower Upper
129 100
127 77.8 62.1 93.1



#56
1,2-Dibromoethane
Concen: 1.984 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.003 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion:107 Resp: 24321
Ion Ratio Lower Upper
107 100
109 95.1 0.0 190.6





#57

4-Bromofluorobenzene

Concen: 1.038 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. 0.000 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

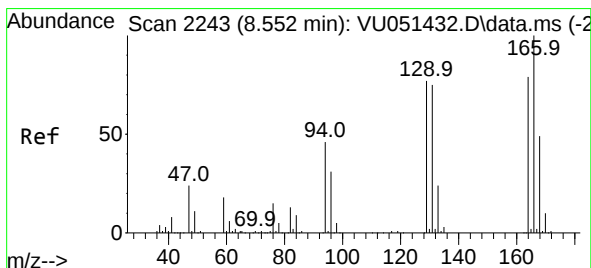
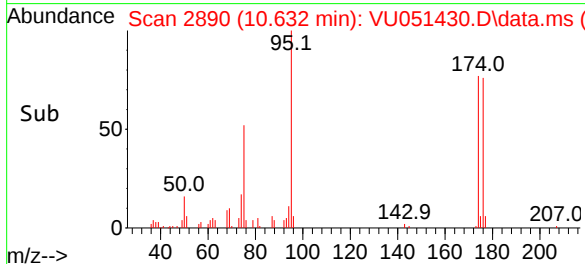
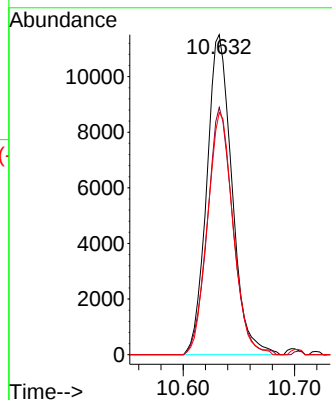
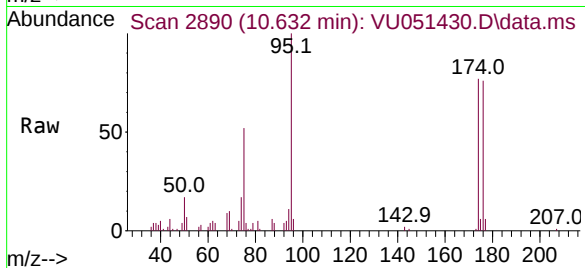
Tgt Ion: 95 Resp: 18093

Ion Ratio Lower Upper

95 100

174 78.0 63.0 94.6

176 77.1 59.8 89.6



#58

Tetrachloroethene

Concen: 1.913 ug/l

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

Tgt Ion: 164 Resp: 29530

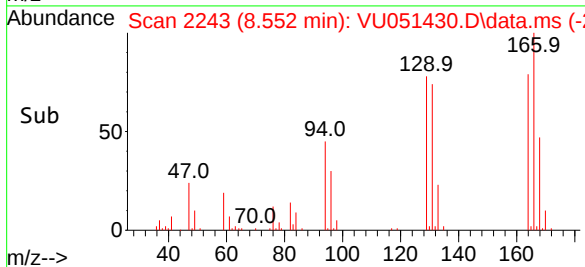
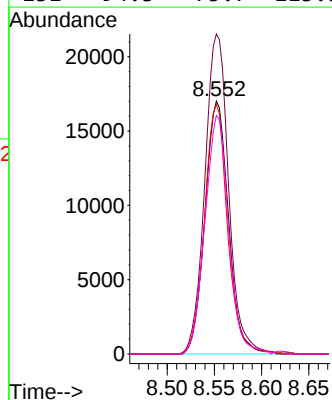
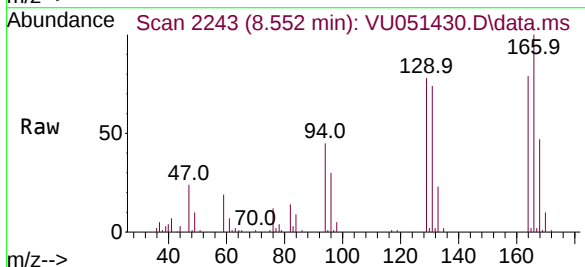
Ion Ratio Lower Upper

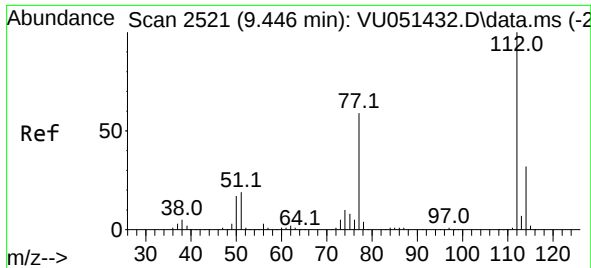
164 100

166 126.6 100.9 151.3

129 98.7 77.5 116.3

131 94.3 75.7 113.5

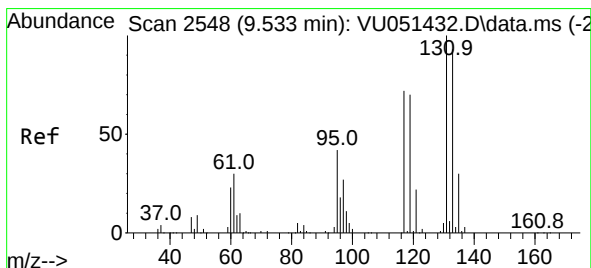
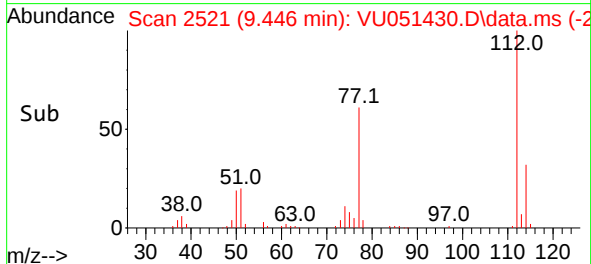
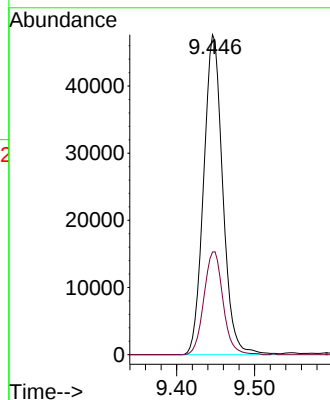
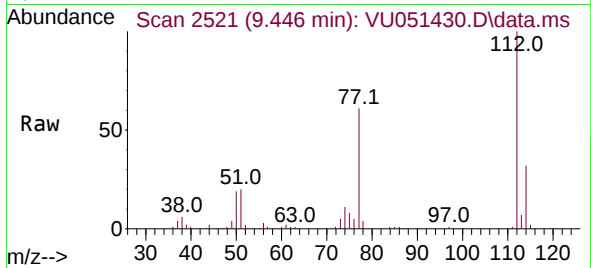




#59
Chlorobenzene
Concen: 2.089 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

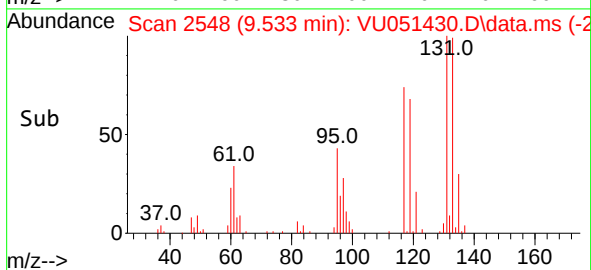
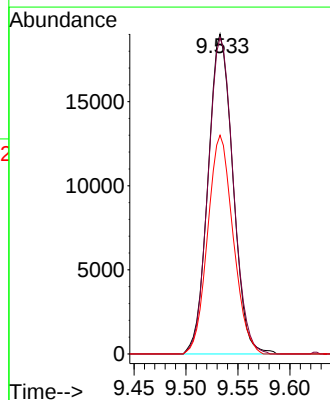
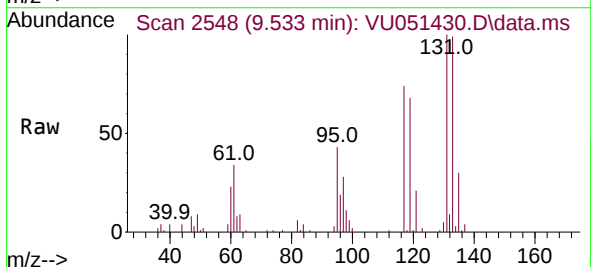
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

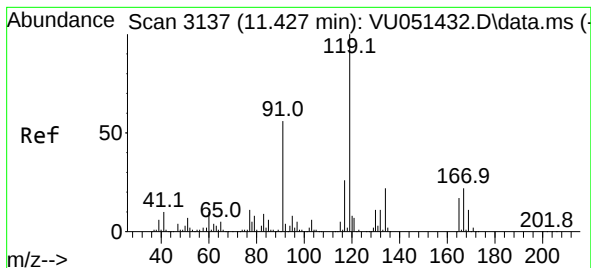
Tgt Ion:112 Resp: 81214
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#60
1,1,1,2-Tetrachloroethane
Concen: 2.091 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion:131 Resp: 31672
Ion Ratio Lower Upper
131 100
133 99.8 76.5 114.7
119 70.0 56.5 84.7





#61

Pentachloroethane

Concen: 2.766 ug/l

RT: 11.427 min Scan# 3137

Delta R.T. 0.000 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

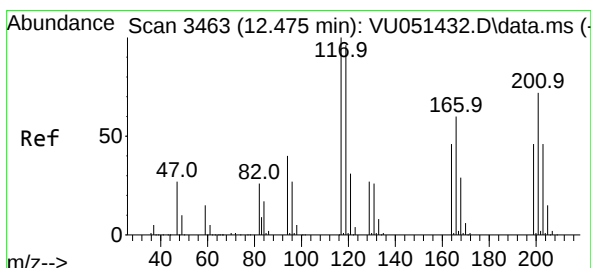
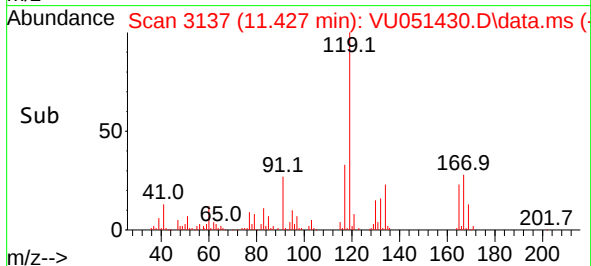
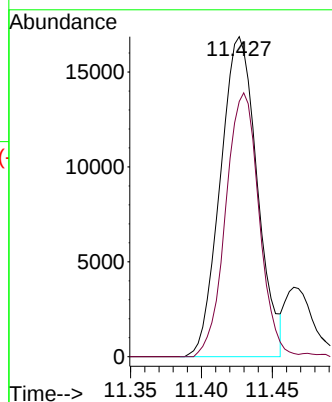
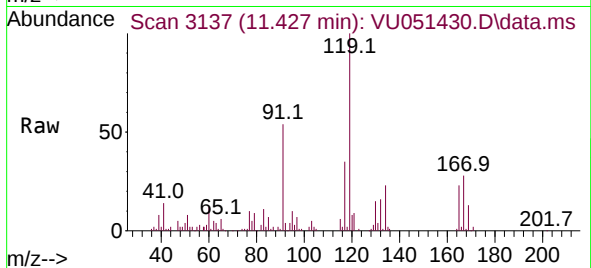
VSTDIC002

Tgt Ion:117 Resp: 30615

Ion Ratio Lower Upper

117 100

167 74.4 63.3 94.9



#62

Hexachloroethane

Concen: 2.252 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. 0.000 min

Lab File: VU051430.D

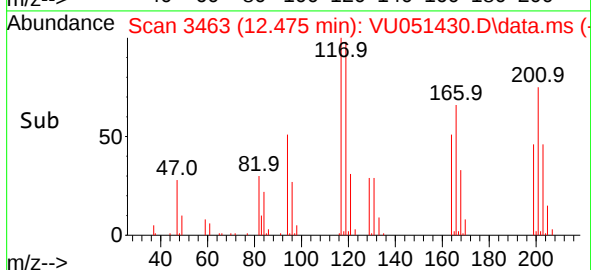
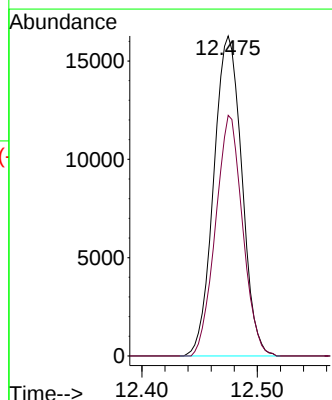
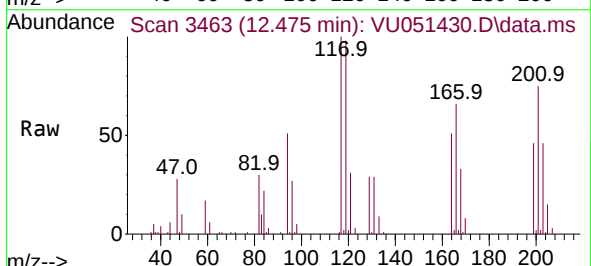
Acq: 17 Oct 2022 15:41

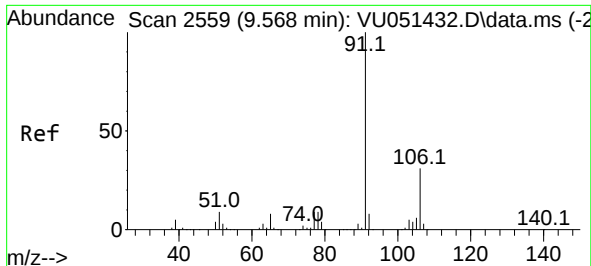
Tgt Ion:117 Resp: 27533

Ion Ratio Lower Upper

117 100

201 72.4 57.4 86.2

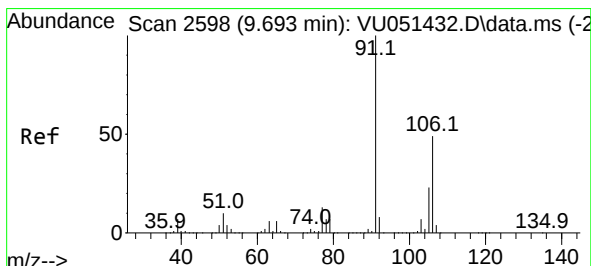
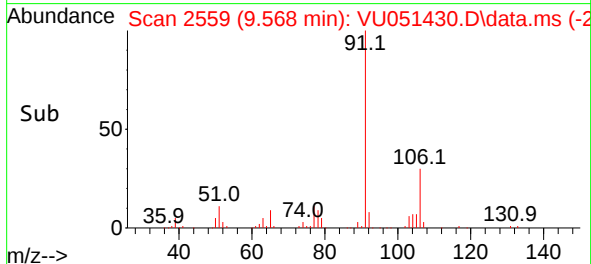
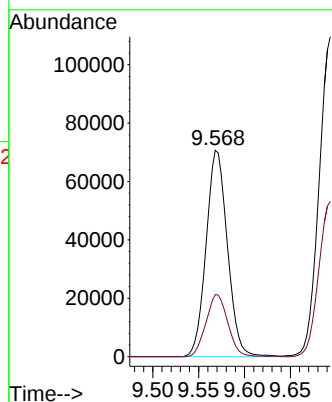
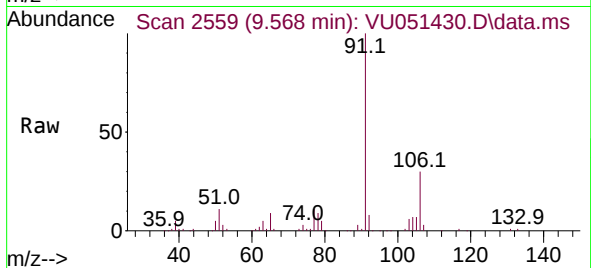




#63
Ethyl Benzene
Concen: 1.914 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

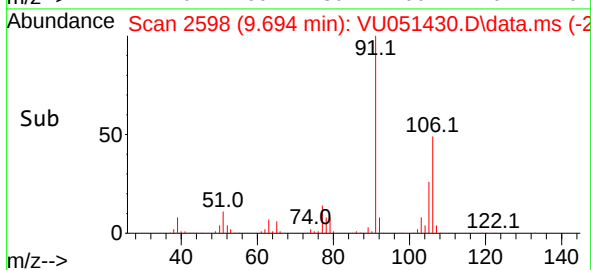
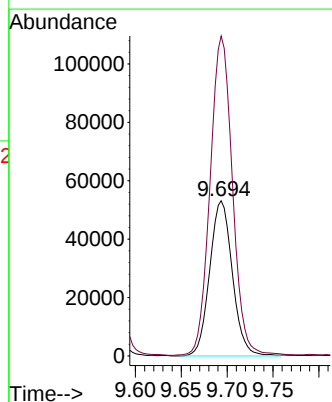
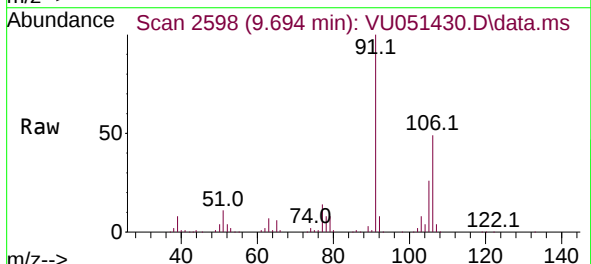
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

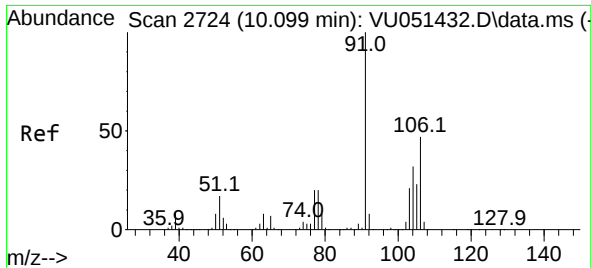
Tgt Ion: 91 Resp: 114326
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3



#64
m/p-Xylenes
Concen: 3.873 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion: 106 Resp: 91512
Ion Ratio Lower Upper
106 100
91 202.7 163.2 244.8

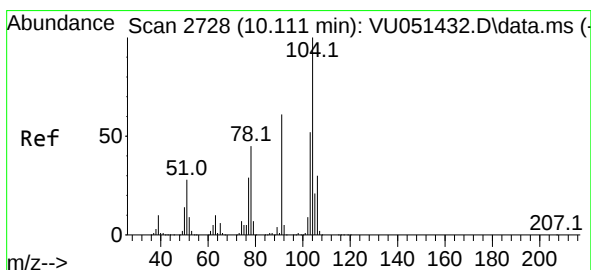
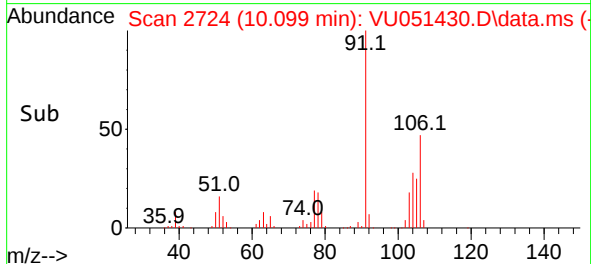
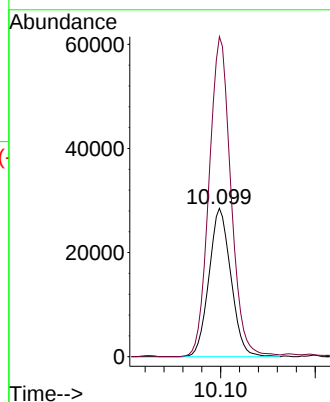
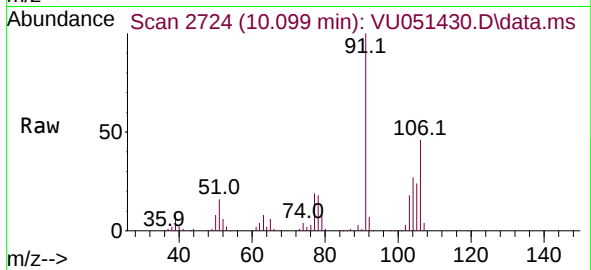




#65
o-Xylene
Concen: 1.994 ug/l
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

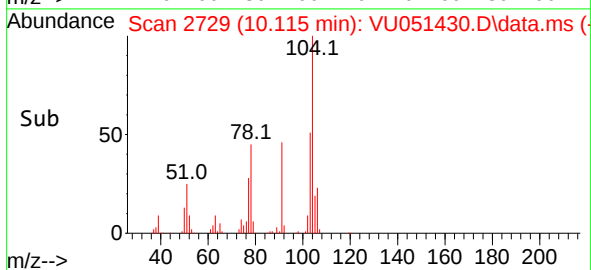
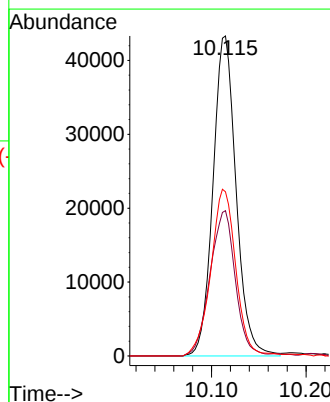
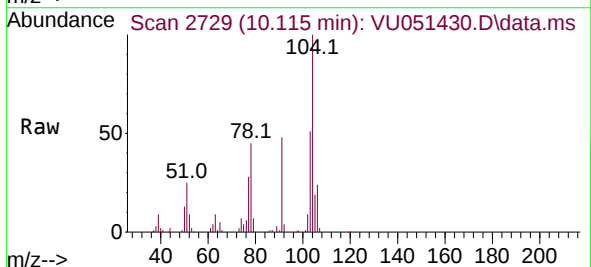
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

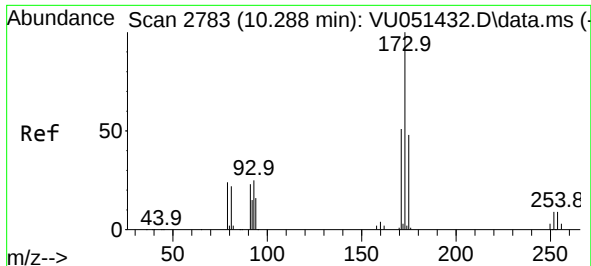
Tgt Ion:106 Resp: 45873
Ion Ratio Lower Upper
106 100
91 215.4 107.1 321.3



#66
Styrene
Concen: 1.940 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion:104 Resp: 73582
Ion Ratio Lower Upper
104 100
78 49.6 39.7 59.5
103 56.2 44.4 66.6

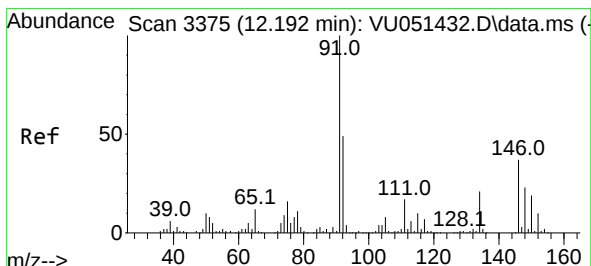
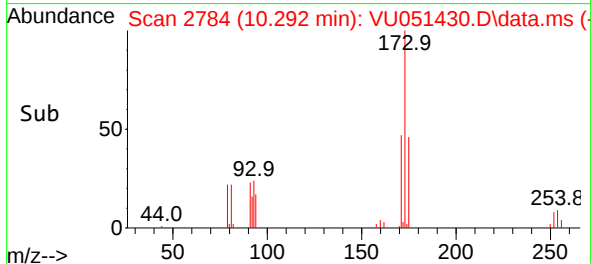
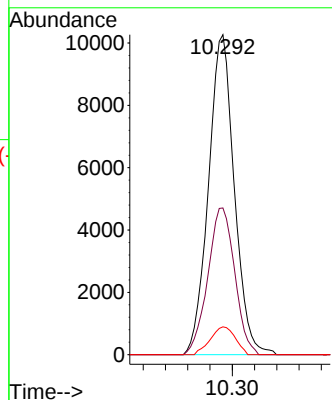
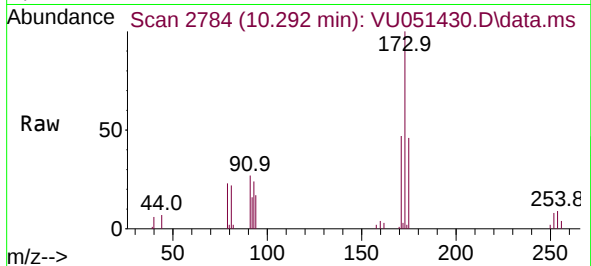




#67
Bromoform
Concen: 1.913 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

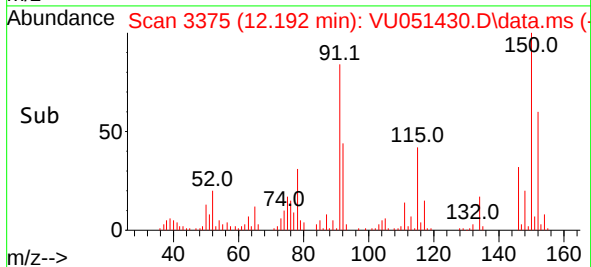
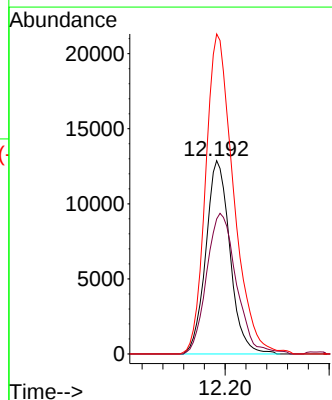
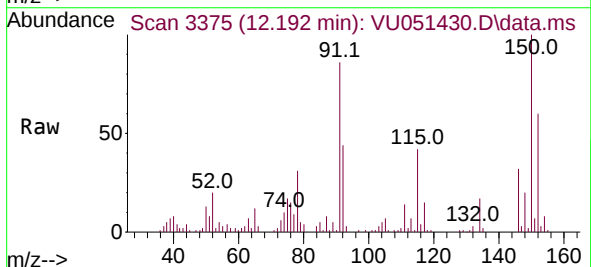
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

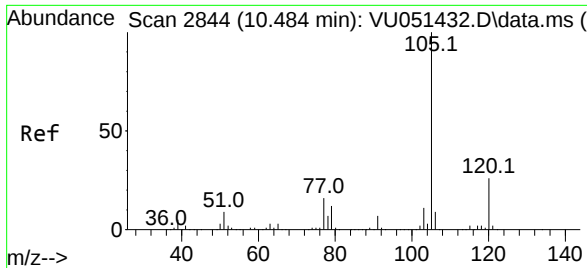
Tgt Ion:173 Resp: 16521
Ion Ratio Lower Upper
173 100
175 47.7 38.6 58.0
254 8.4 7.3 10.9



#68
1,2-Dichlorobenzene-d4
Concen: 1.071 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion:152 Resp: 20755
Ion Ratio Lower Upper
152 100
115 89.7 0.0 333.0
150 191.2 0.0 662.0

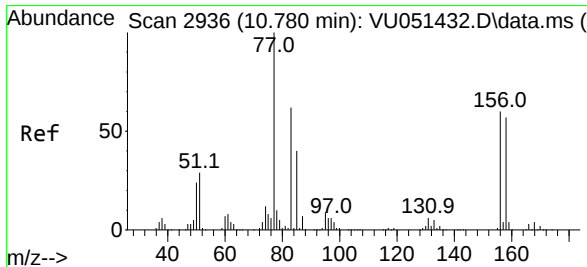
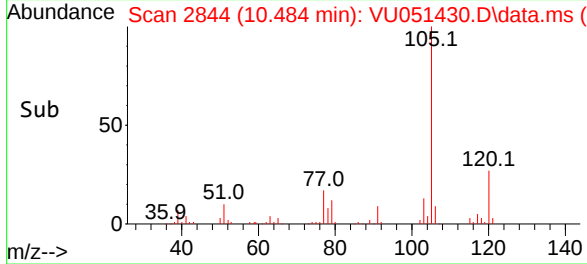
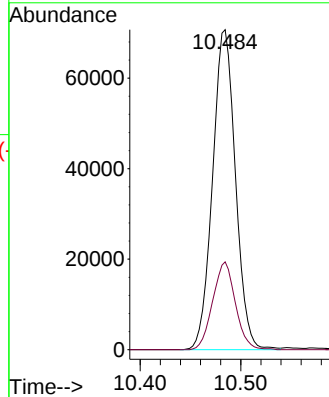
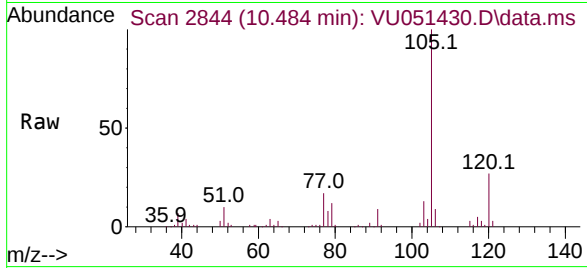




#69
Isopropylbenzene
Concen: 1.960 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

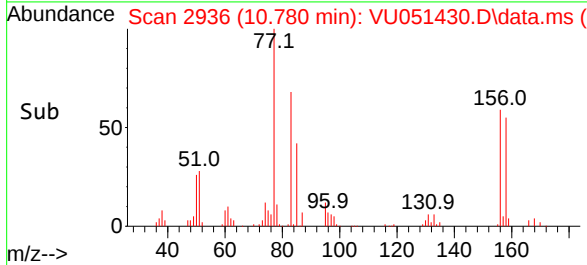
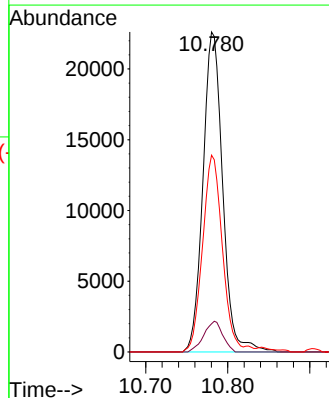
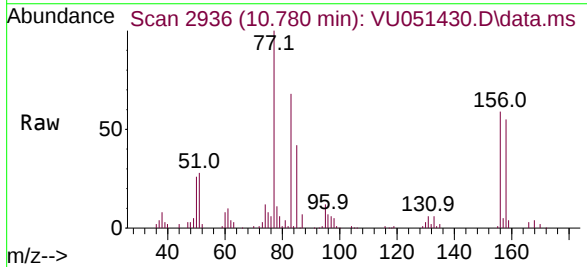
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

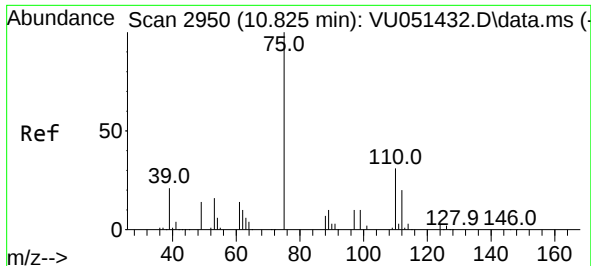
Tgt Ion:105 Resp: 111797
Ion Ratio Lower Upper
105 100
120 27.2 13.0 39.0



#70
1,1,2,2-Tetrachloroethane
Concen: 2.121 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion: 83 Resp: 37760
Ion Ratio Lower Upper
83 100
131 9.2 7.2 10.8
85 61.3 51.4 77.2

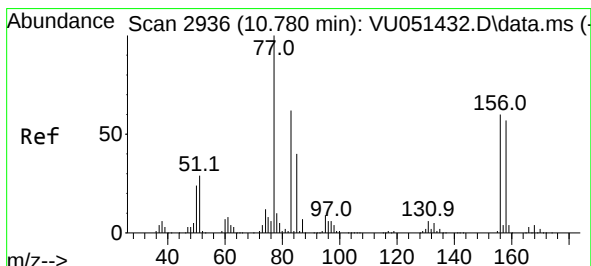
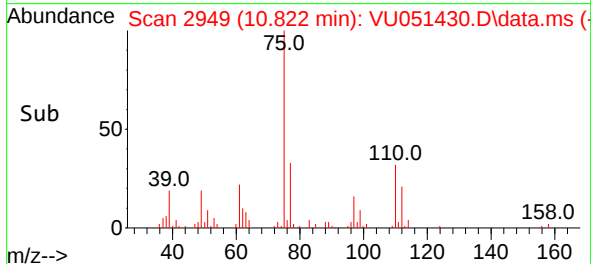
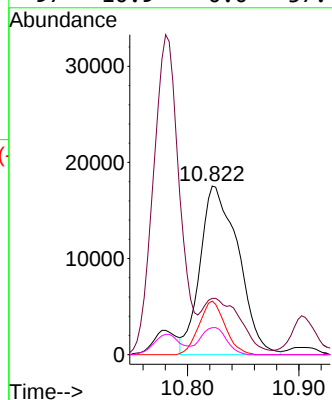
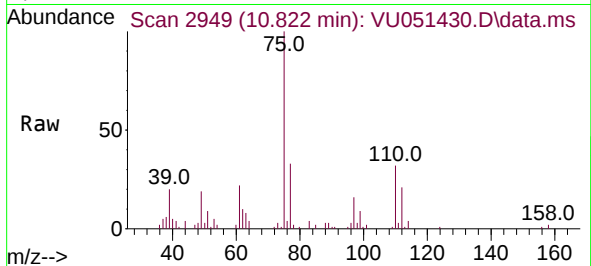




#71
1,2,3-Trichloropropane
Concen: 2.947 ug/l
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

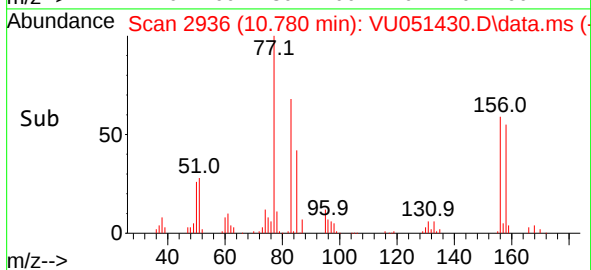
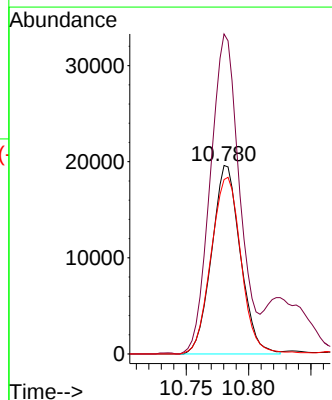
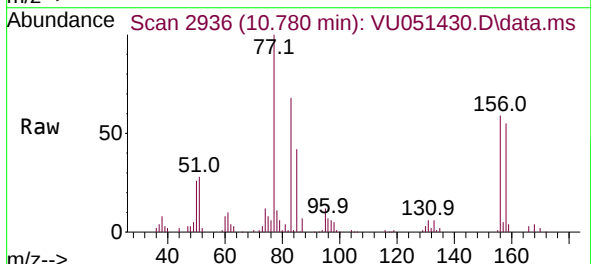
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

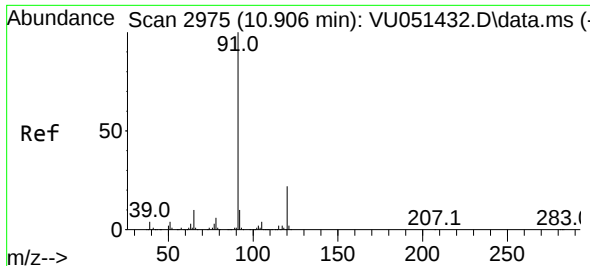
Tgt Ion:	75	Resp:	41725
Ion	Ratio	Lower	Upper
75	100		
77	32.7	0.0	111.0
110	21.7	0.0	70.2
97	10.9	0.0	37.4



#72
Bromobenzene
Concen: 2.033 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion:	156	Resp:	31432
Ion	Ratio	Lower	Upper
156	100		
77	173.3	0.0	343.4
158	98.3	0.0	195.6

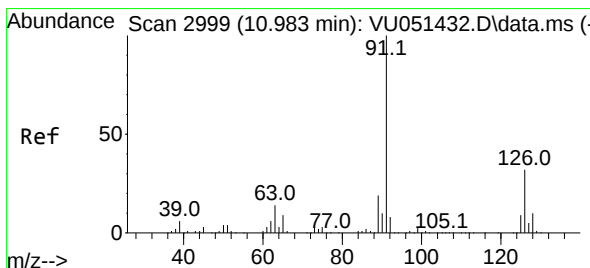
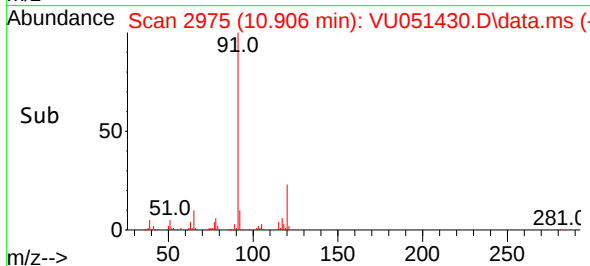
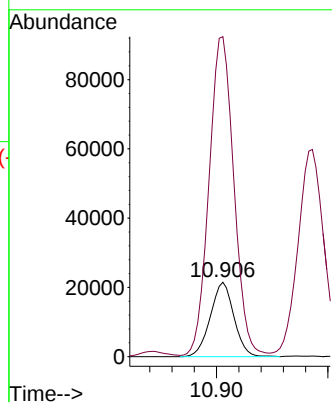
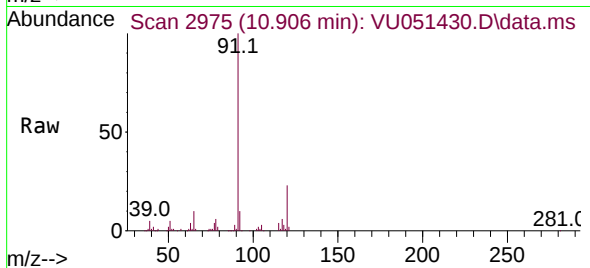




#73
n-propylbenzene
Concen: 2.041 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

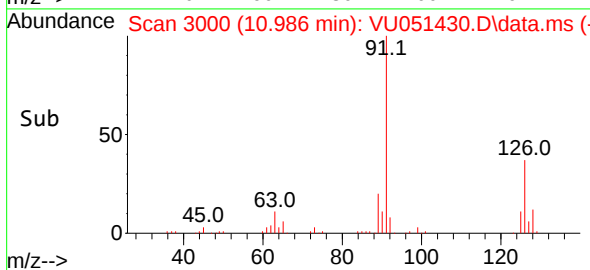
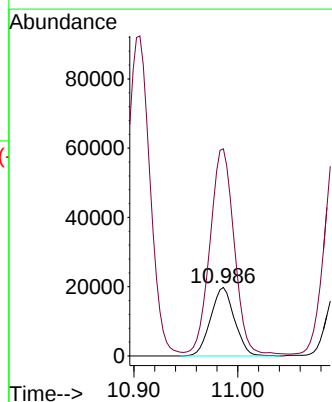
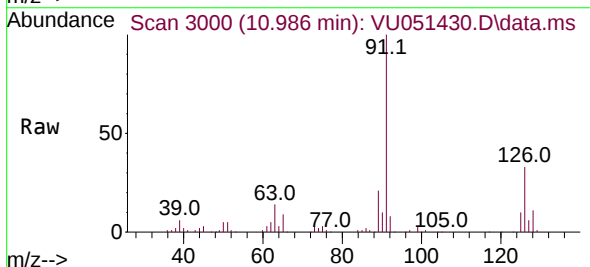
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

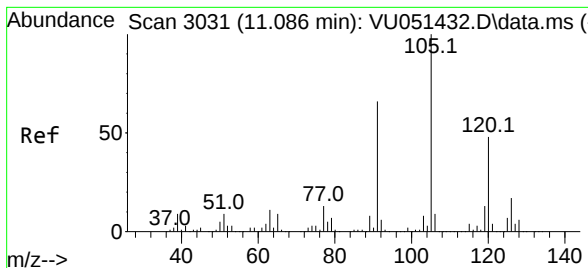
Tgt Ion:120 Resp: 31650
Ion Ratio Lower Upper
120 100
91 449.2 362.3 543.5



#74
2-Chlorotoluene
Concen: 2.089 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion:126 Resp: 31515
Ion Ratio Lower Upper
126 100
91 302.7 0.0 623.2





#75

1,3,5-Trimethylbenzene

Concen: 1.971 ug/l

RT: 11.089 min Scan# 3031

Delta R.T. 0.003 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

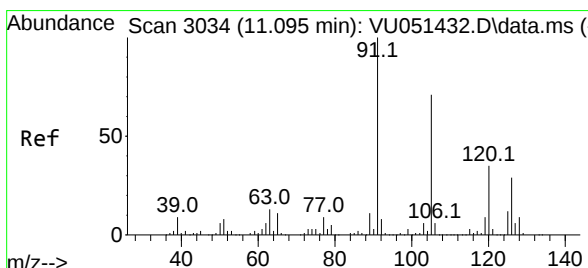
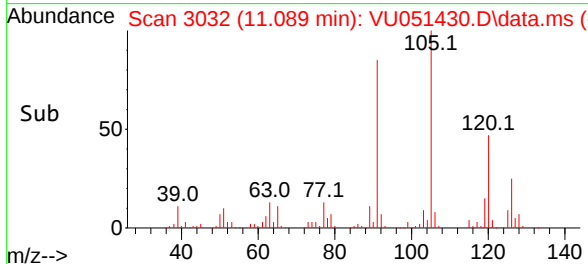
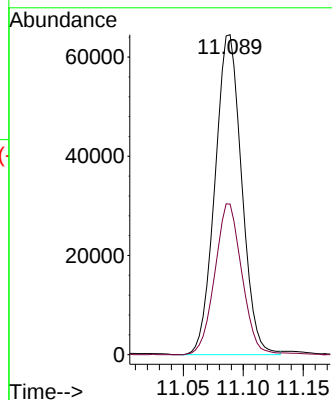
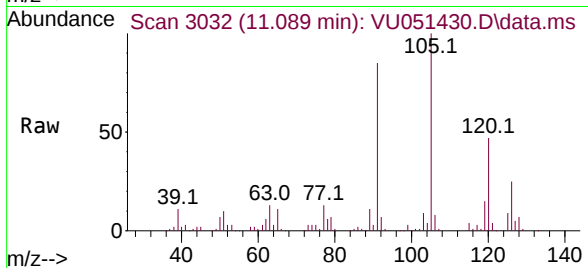
VSTDICC002

Tgt Ion:105 Resp: 100017

Ion Ratio Lower Upper

105 100

120 48.0 38.2 57.4



#76

4-Chlorotoluene

Concen: 2.199 ug/l

RT: 11.095 min Scan# 3034

Delta R.T. 0.000 min

Lab File: VU051430.D

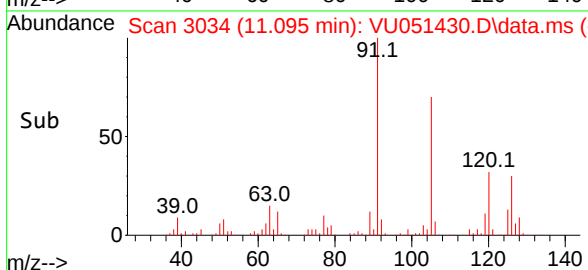
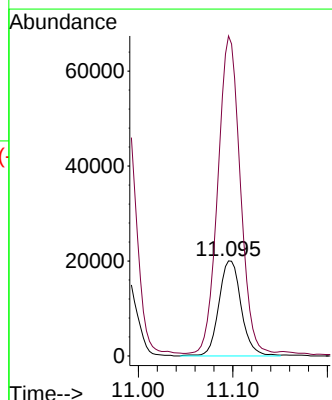
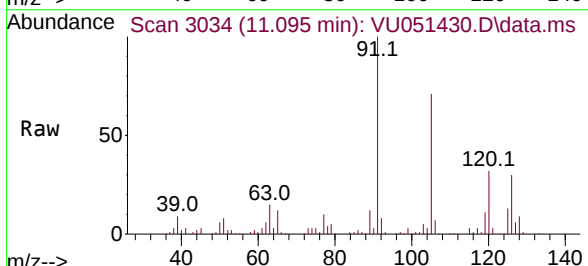
Acq: 17 Oct 2022 15:41

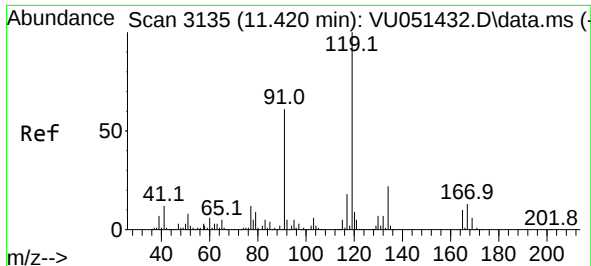
Tgt Ion:126 Resp: 32890

Ion Ratio Lower Upper

126 100

91 332.9 0.0 717.6

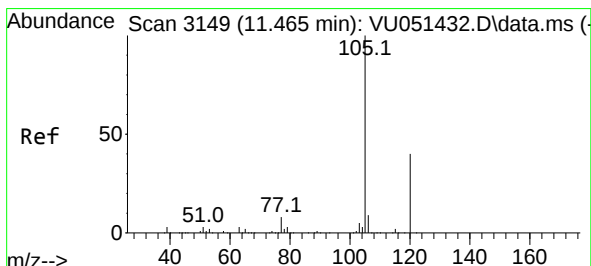
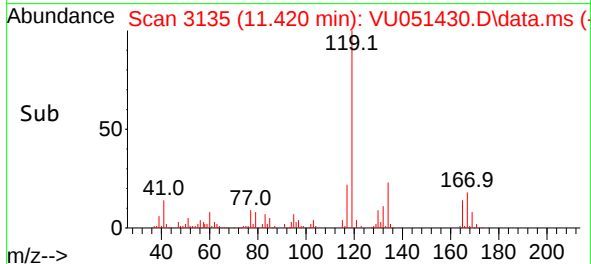
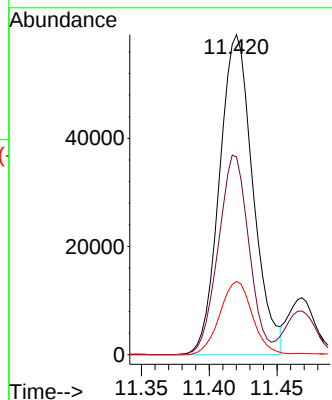
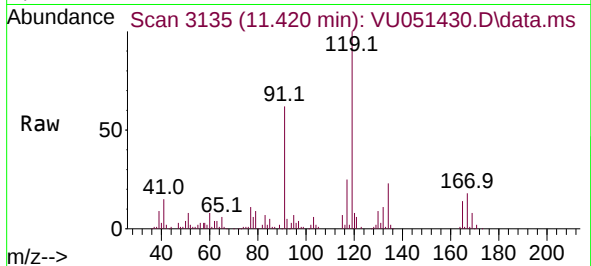




#77
tert-Butylbenzene
Concen: 2.145 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

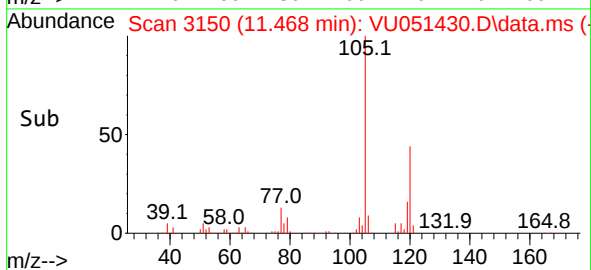
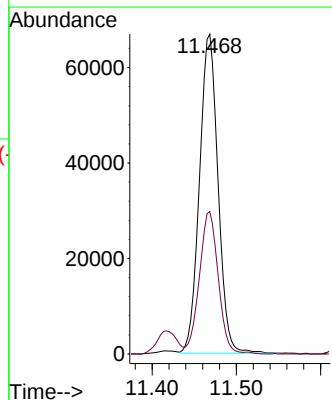
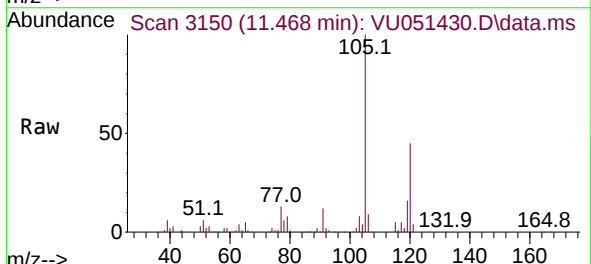
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

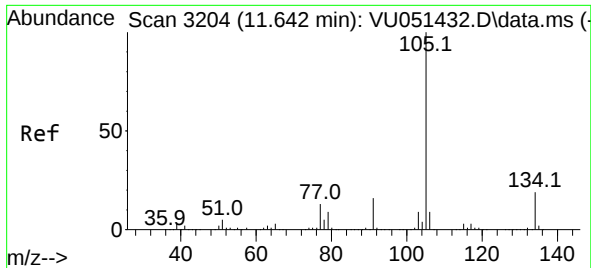
Tgt Ion:119 Resp: 101620
Ion Ratio Lower Upper
119 100
91 57.3 29.8 89.5
134 22.3 17.9 26.9



#78
1,2,4-Trimethylbenzene
Concen: 1.960 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion:105 Resp: 102586
Ion Ratio Lower Upper
105 100
120 45.7 22.1 66.3

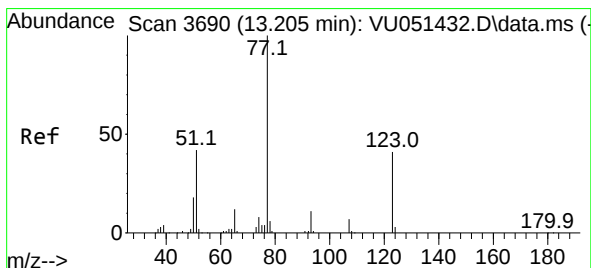
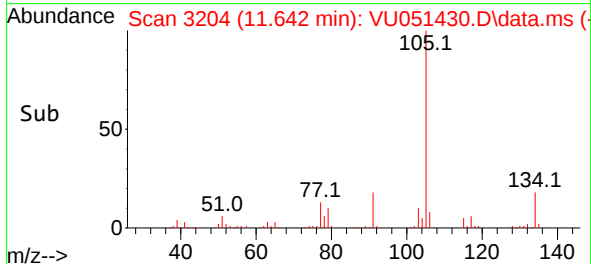
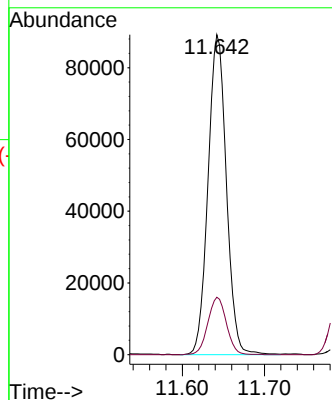
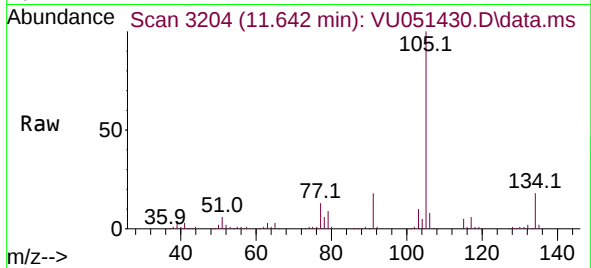




#79
 sec-Butylbenzene
 Concen: 2.126 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU051430.D
 Acq: 17 Oct 2022 15:41

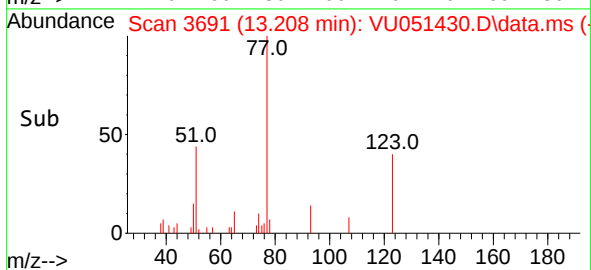
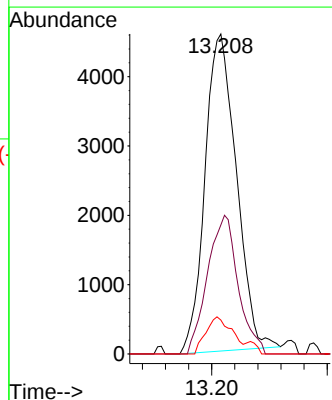
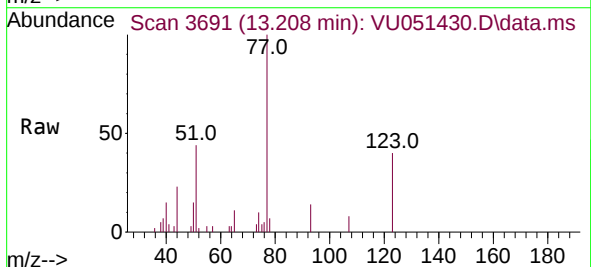
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

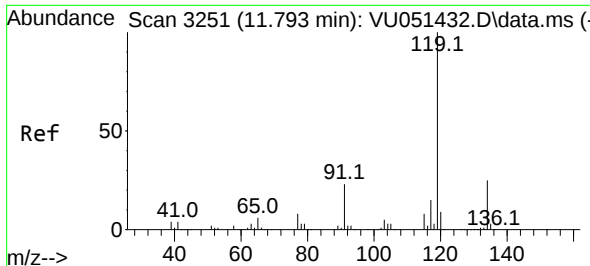
Tgt Ion:105 Resp: 138376
 Ion Ratio Lower Upper
 105 100
 134 18.1 15.2 22.8



#80
 Nitrobenzene
 Concen: 8.768 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. 0.003 min
 Lab File: VU051430.D
 Acq: 17 Oct 2022 15:41

Tgt Ion: 77 Resp: 8631
 Ion Ratio Lower Upper
 77 100
 123 42.5 17.5 62.1
 65 7.7 11.1 14.1#

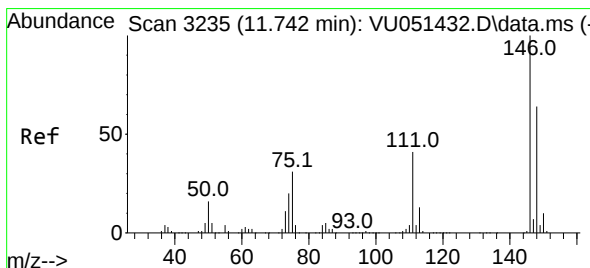
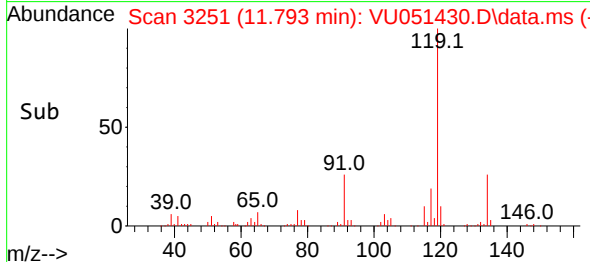
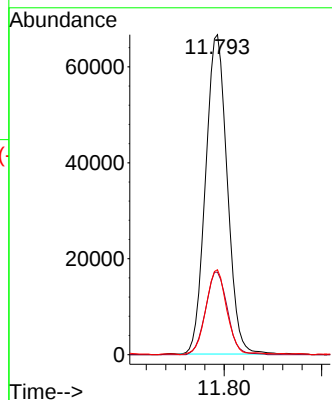
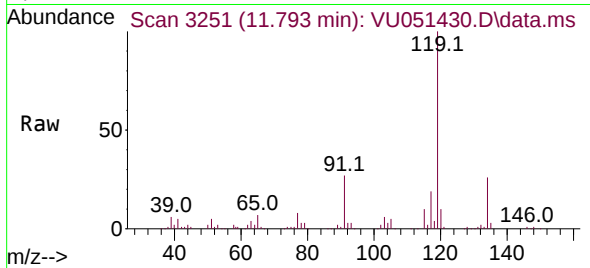




#81
p-Isopropyltoluene
Concen: 1.999 ug/l
RT: 11.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

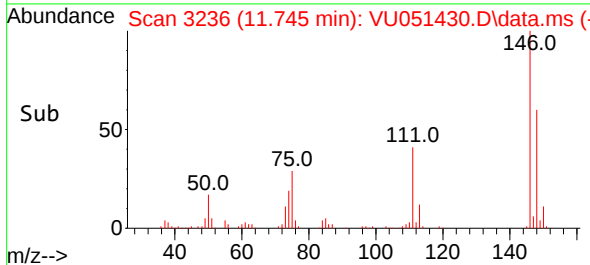
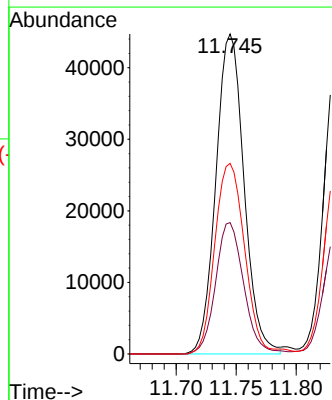
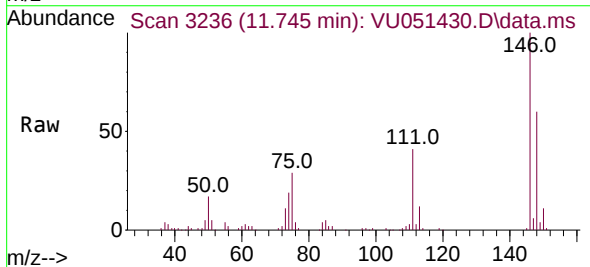
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

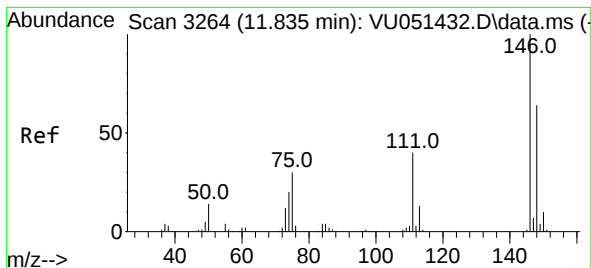
Tgt Ion:119 Resp: 102895
Ion Ratio Lower Upper
119 100
134 26.0 20.3 30.5
91 26.1 18.6 27.8



#82
1,3-Dichlorobenzene
Concen: 2.230 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion:146 Resp: 73056
Ion Ratio Lower Upper
146 100
111 40.9 33.4 50.0
148 63.3 51.0 76.6





#83

1,4-Dichlorobenzene

Concen: 2.188 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. 0.000 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

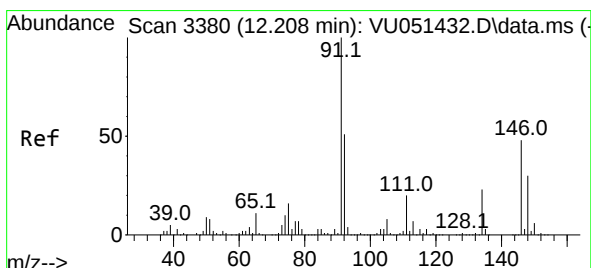
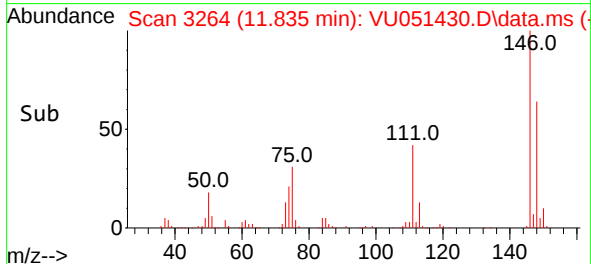
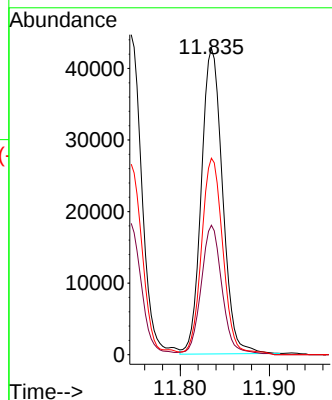
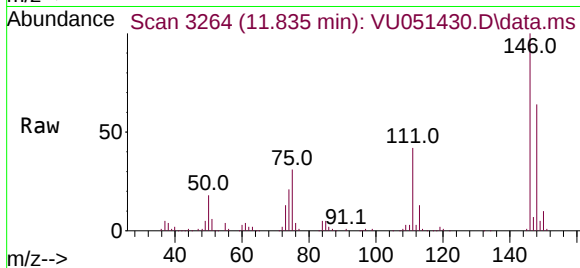
Tgt Ion:146 Resp: 70792

Ion Ratio Lower Upper

146 100

111 41.8 31.6 47.4

148 65.0 50.5 75.7



#84

n-Butylbenzene

Concen: 2.109 ug/l

RT: 12.208 min Scan# 3380

Delta R.T. 0.000 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

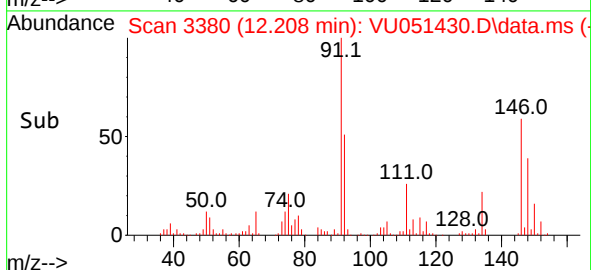
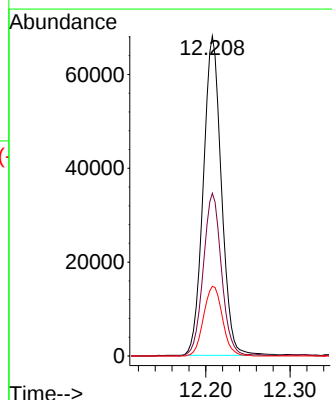
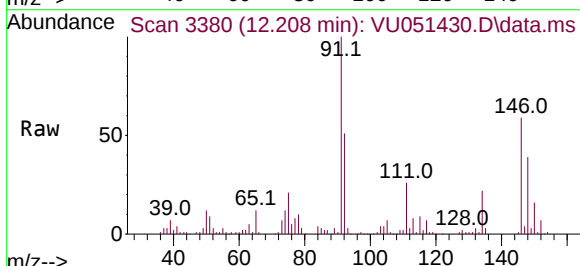
Tgt Ion: 91 Resp: 102046

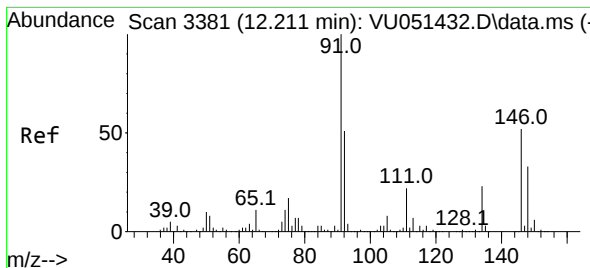
Ion Ratio Lower Upper

91 100

92 51.2 40.6 61.0

134 22.7 18.3 27.5





#85

1,2-Dichlorobenzene

Concen: 2.124 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

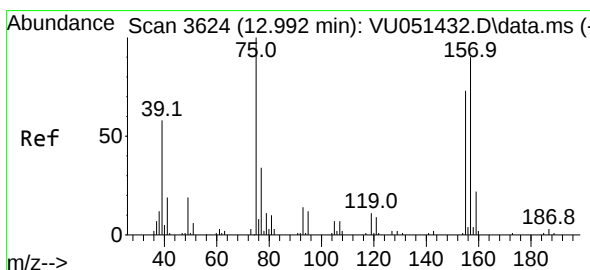
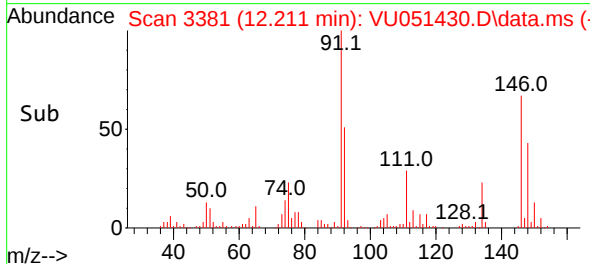
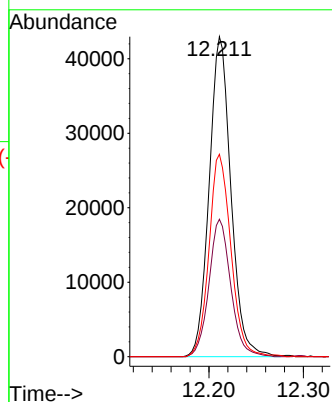
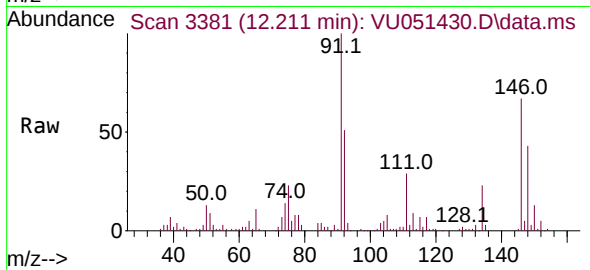
Tgt Ion:146 Resp: 68664

Ion Ratio Lower Upper

146 100

111 43.0 21.3 63.9

148 63.7 31.8 95.4



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.987 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU051430.D

Acq: 17 Oct 2022 15:41

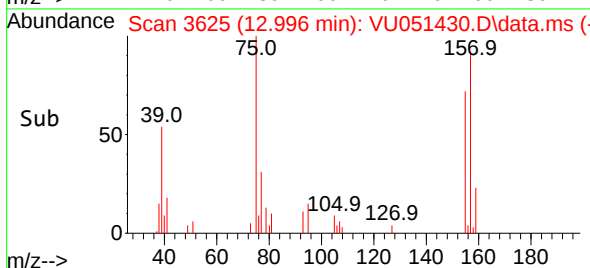
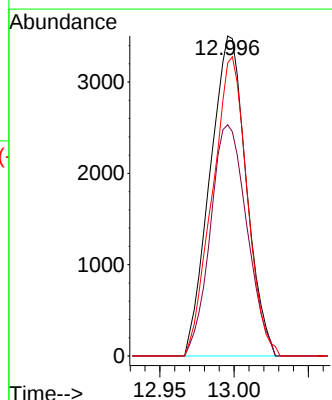
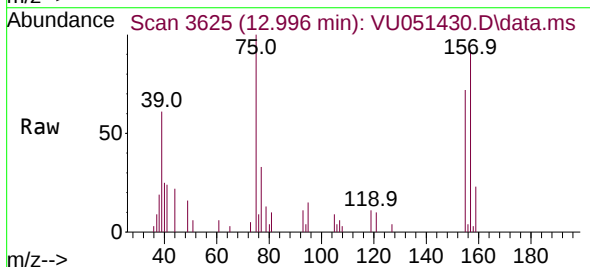
Tgt Ion: 75 Resp: 5941

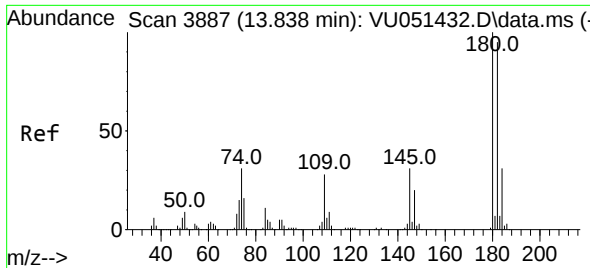
Ion Ratio Lower Upper

75 100

155 72.8 58.5 87.7

157 89.6 75.3 112.9

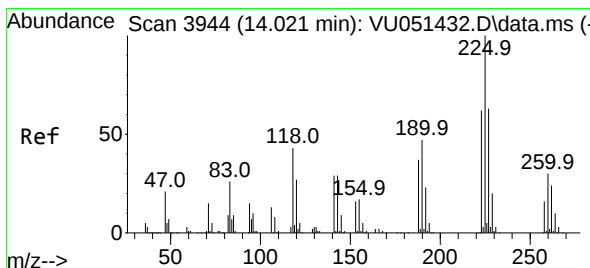
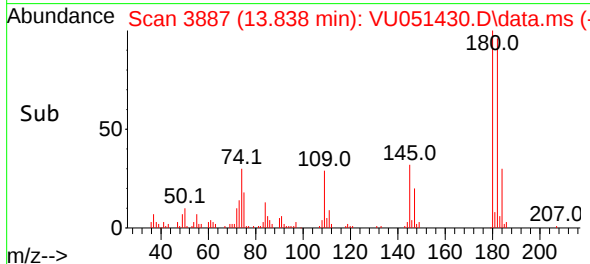
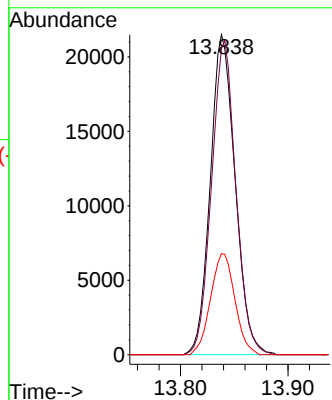
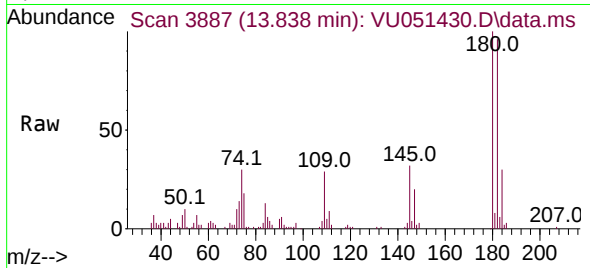




#87
 1,2,4-Trichlorobenzene
 Concen: 1.971 ug/l
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051430.D
 Acq: 17 Oct 2022 15:41

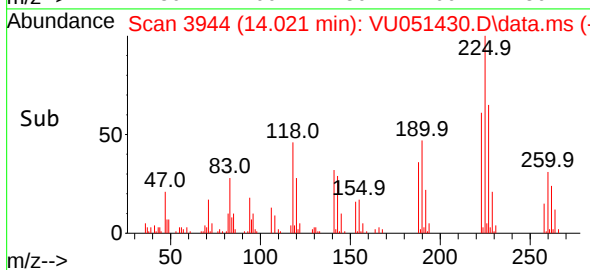
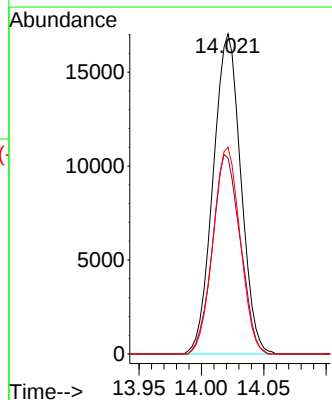
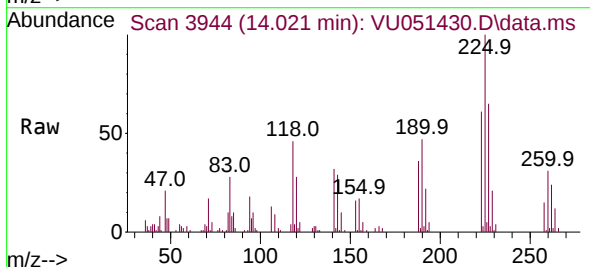
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

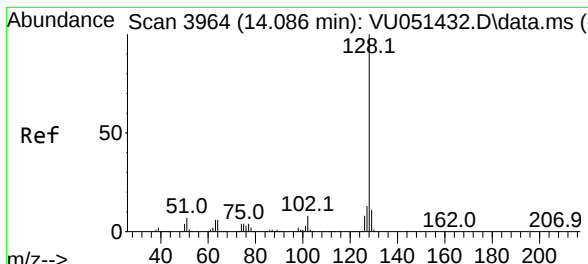
Tgt Ion:180 Resp: 34531
 Ion Ratio Lower Upper
 180 100
 182 95.9 75.9 113.9
 145 30.9 24.9 37.3



#88
 Hexachlorobutadiene
 Concen: 2.335 ug/l
 RT: 14.021 min Scan# 3944
 Delta R.T. 0.000 min
 Lab File: VU051430.D
 Acq: 17 Oct 2022 15:41

Tgt Ion:225 Resp: 26354
 Ion Ratio Lower Upper
 225 100
 223 62.6 50.1 75.1
 227 63.0 51.4 77.2

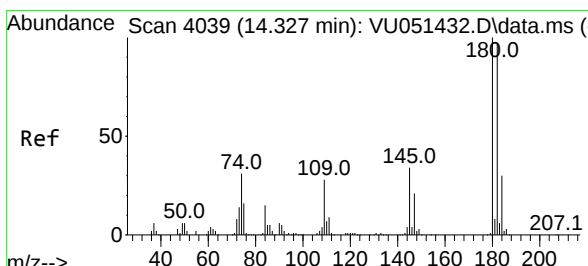
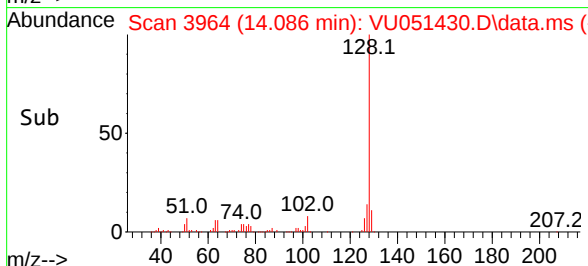
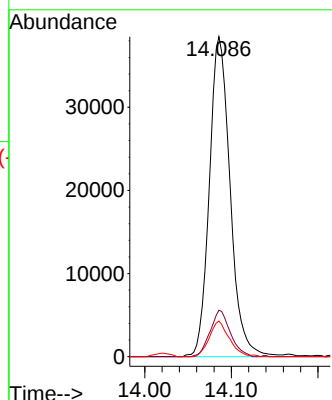
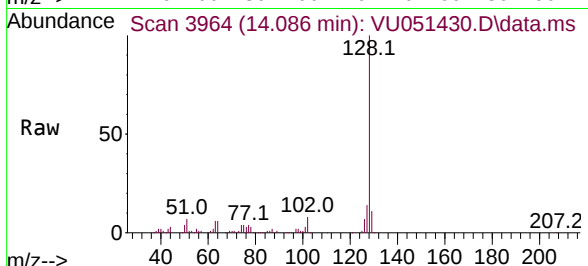




#89
Naphthalene
Concen: 1.962 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:	128	Resp:	64219
Ion Ratio	Lower	Upper	
128	100		
127	14.2	10.7	16.1
129	10.5	8.4	12.6



#90
1,2,3-Trichlorobenzene
Concen: 2.000 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051430.D
Acq: 17 Oct 2022 15:41

Tgt Ion:	180	Resp:	37521
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.8	113.6
145	32.5	26.6	39.8

