

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101722\
 Data File : VU051428.D
 Acq On : 17 Oct 2022 14:38
 Operator : JC/MD
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Quant Time: Oct 18 04:22:01 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	55024	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	18382	1.009	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	21863	1.079	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	11322	0.614	ug/l	100
3) Chloromethane	1.533	50	18678	0.746	ug/l	94
4) Vinyl Chloride	1.604	62	15029	0.640	ug/l	# 68
5) Bromomethane	1.854	94	7888	0.532	ug/l	94
6) Chloroethane	1.935	64	8657	0.594	ug/l	92
7) Trichlorofluoromethane	2.137	101	16767	0.626	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	9148	0.601	ug/l	97
9) 1,1-Dichloroethene	2.578	96	9422	0.589	ug/l	98
10) Iodomethane	2.723	142	10493	0.462	ug/l	99
11) Allyl Chloride	2.922	41	14639	0.588	ug/l	96
12) Acrylonitrile	3.314	53	4898	0.974	ug/l	# 76
13) Acetone	2.629	43	12202	3.630	ug/l	96
14) Carbon Disulfide	2.790	76	34204	0.567	ug/l	99
15) Methylene Chloride	3.044	84	17790	0.646	ug/l	97
16) trans-1,2-Dichloroethene	3.346	96	11070	0.611	ug/l	99
17) 1,1-Dichloroethane	3.867	63	19684	0.620	ug/l	97
18) 2-Butanone	4.726	43	9051	2.062	ug/l	93
19) Cyclohexane	5.382	56	8927	0.422	ug/l	# 89
20) Methylcyclohexane	6.758	83	8819	0.414	ug/l	90
21) 2,2-Dichloropropane	4.661	77	14460	0.669	ug/l	96
22) cis-1,2-Dichloroethene	4.674	96	9343	0.536	ug/l	95
23) Diethyl Ether	2.382	59	8080	0.565	ug/l	97
24) tert-Butyl Alcohol	3.192	59	9270	11.215	ug/l	95
25) Methyl tert-Butyl Ether	3.366	73	23491	0.549	ug/l	97
26) Bromochloromethane	4.977	128	4861	0.580	ug/l	98
27) Chloroform	5.089	83	19837	0.615	ug/l	94
28) 1,1,1-Trichloroethane	5.314	97	16240	0.635	ug/l	96
29) 1,1-Dichloropropene	5.526	75	10544	0.519	ug/l	94
30) Carbon Tetrachloride	5.523	117	13468	0.620	ug/l	91
31) Isopropyl Ether	4.002	45	21133	0.515	ug/l	88
32) Ethyl-t-butyl ether	4.514	59	18248	0.501	ug/l	99
33) Tert-Amyl methyl ether	5.941	73	14100	0.433	ug/l	# 95
34) Propionitrile	4.790	54	3079	2.238	ug/l	# 86
35) Benzene	5.774	78	38390	0.569	ug/l	97
36) 1,2-Dichloroethane	5.800	62	11360	0.536	ug/l	97
37) Trichloroethene	6.542	130	8875	0.543	ug/l	88
38) 1,2-Dichloropropane	6.793	63	10694	0.581	ug/l	97
39) Methacrylonitrile	4.986	41	2361	0.485	ug/l	# 84
40) Methyl acrylate	4.861	55	3399	0.407	ug/l	# 71
41) Tetrahydrofuran	5.070	42	2626	1.023	ug/l	# 56
42) 1-Chlorobutane	5.459	56	14108	0.499	ug/l	86
43) Dibromomethane	6.919	93	5316	0.538	ug/l	98
44) Bromodichloromethane	7.105	83	13488	0.583	ug/l	92

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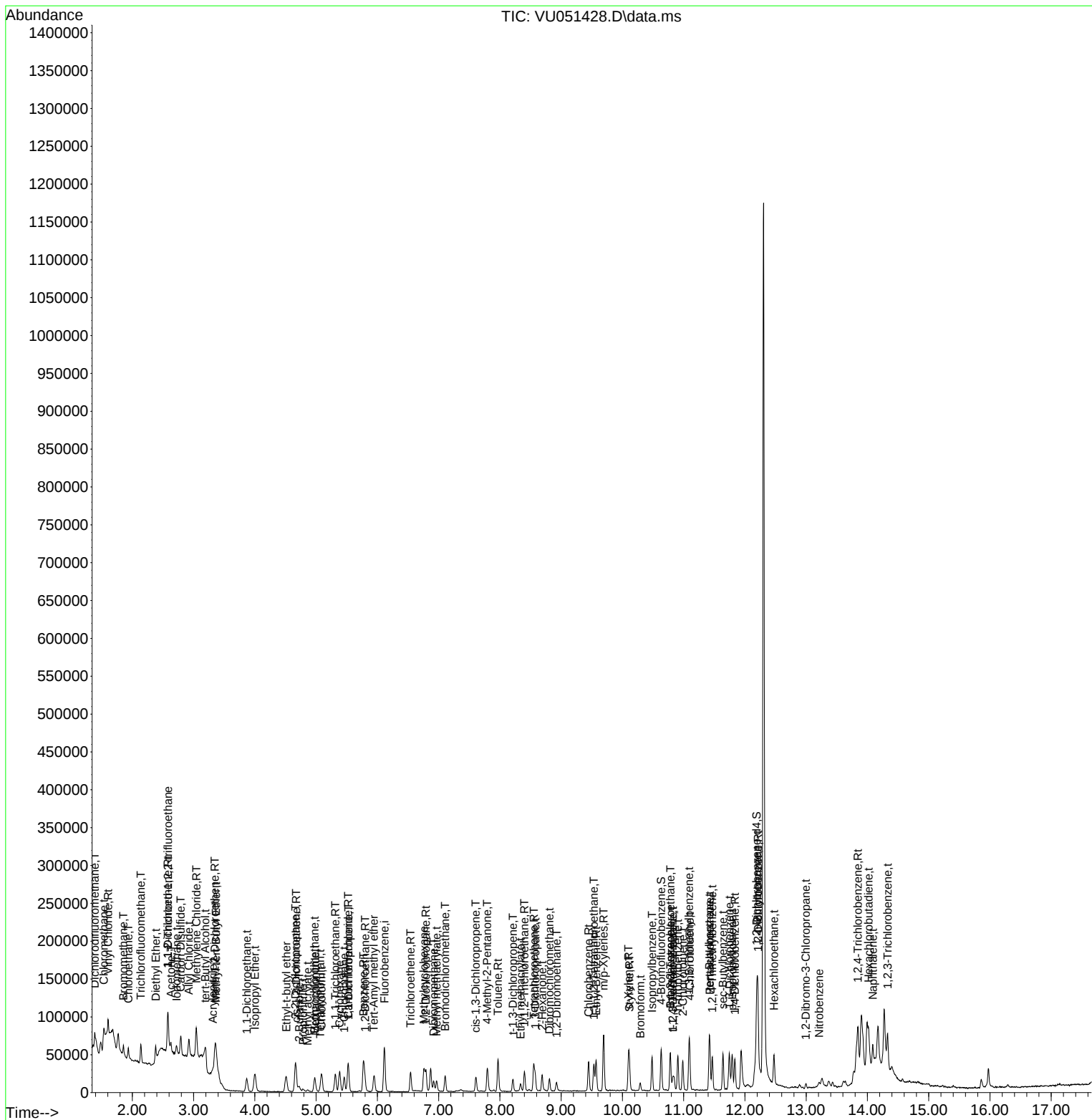
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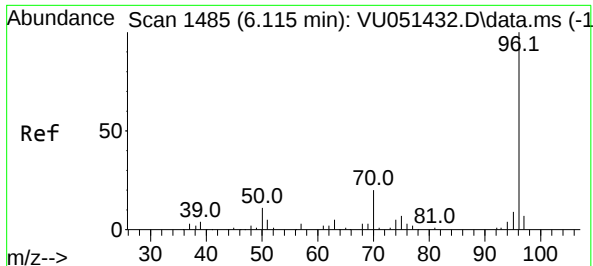
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	21249	2.033	ug/l	89
46) t-1,4-Dichloro-2-butene	10.825	75	10289	2.788	ug/l #	53
47) Methyl methacrylate	6.964	69	6423	0.807	ug/l	94
48) Ethyl methacrylate	8.337	69	4922	0.369	ug/l	79
49) Toluene	7.967	92	18300	0.496	ug/l	98
50) t-1,3-Dichloropropene	8.211	75	9703	0.519	ug/l	98
51) cis-1,3-Dichloropropene	7.607	75	11960	0.549	ug/l	95
52) 1,1,2-Trichloroethane	8.401	97	7405	0.515	ug/l	86
53) 1,3-Dichloropropane	8.578	76	11520	0.503	ug/l	99
54) 2-Hexanone	8.690	43	13253	1.791	ug/l	91
55) Dibromochloromethane	8.809	129	8323	0.531	ug/l	98
56) 1,2-Dibromoethane	8.925	107	6247	0.488	ug/l	94
58) Tetrachloroethene	8.555	164	7562	0.469	ug/l	99
59) Chlorobenzene	9.449	112	21439	0.527	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.533	131	9445	0.597	ug/l	97
61) Pentachloroethane	11.426	117	7370	0.637	ug/l	95
62) Hexachloroethane	12.475	117	7114	0.557	ug/l	93
63) Ethyl Benzene	9.571	91	28297	0.453	ug/l	97
64) m/p-Xylenes	9.693	106	19901	0.806	ug/l	97
65) o-Xylene	10.099	106	10962	0.456	ug/l	96
66) Styrene	10.115	104	16215	0.409	ug/l	98
67) Bromoform	10.291	173	4585	0.508	ug/l #	98
69) Isopropylbenzene	10.484	105	25722	0.431	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.783	83	10323	0.555	ug/l	97
71) 1,2,3-Trichloropropane	10.825	75	10289	0.695	ug/l	66
72) Bromobenzene	10.783	156	8471	0.524	ug/l	99
73) n-propylbenzene	10.906	120	6541	0.403	ug/l	90
74) 2-Chlorotoluene	10.986	126	7103	0.450	ug/l	91
75) 1,3,5-Trimethylbenzene	11.089	105	20819	0.392	ug/l	94
76) 4-Chlorotoluene	11.098	126	6816	0.436	ug/l	91
77) tert-Butylbenzene	11.420	119	24470	0.494	ug/l	93
78) 1,2,4-Trimethylbenzene	11.465	105	22224	0.406	ug/l	99
79) sec-Butylbenzene	11.642	105	29075	0.427	ug/l	99
80) Nitrobenzene	13.211	77	1872	1.819	ug/l #	94
81) p-Isopropyltoluene	11.793	119	21241	0.395	ug/l	94
82) 1,3-Dichlorobenzene	11.745	146	17966	0.525	ug/l	96
83) 1,4-Dichlorobenzene	11.835	146	16066	0.475	ug/l	98
84) n-Butylbenzene	12.208	91	25805	0.510	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	18722	0.554	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.992	75	1574	0.504	ug/l	91
87) 1,2,4-Trichlorobenzene	13.841	180	10218	0.558	ug/l	96
88) Hexachlorobutadiene	14.018	225	6462	0.548	ug/l	99
89) Naphthalene	14.089	128	22835	0.667	ug/l #	96
90) 1,2,3-Trichlorobenzene	14.330	180	11769	0.600	ug/l	98

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

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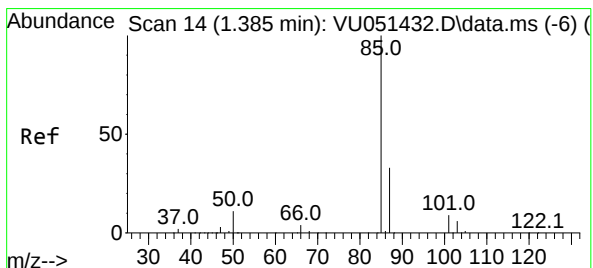
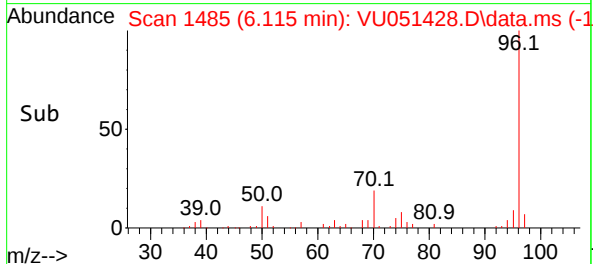
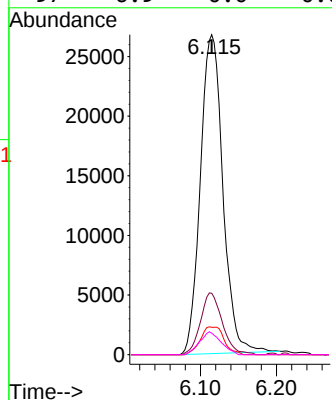
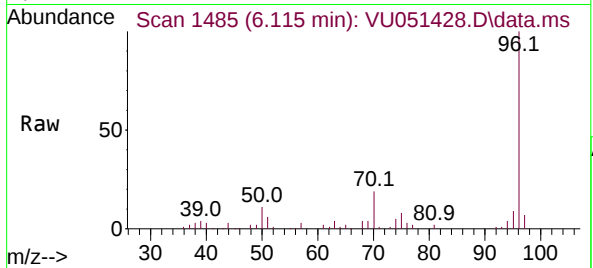




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

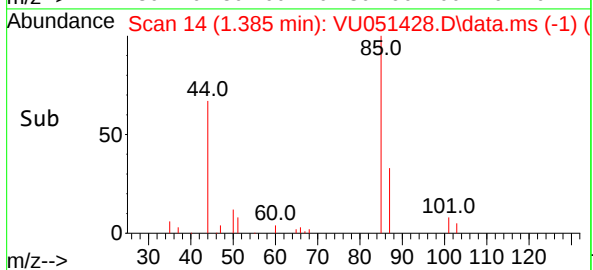
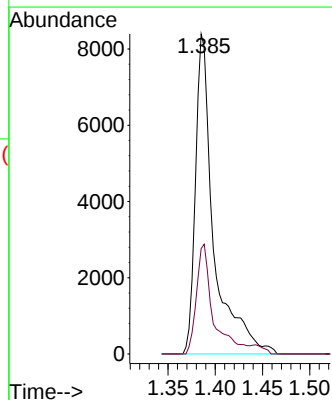
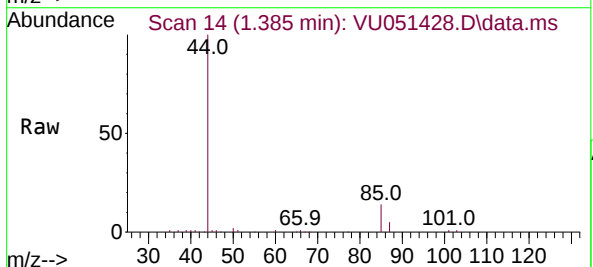
Instrument :
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VSTDICC0.5

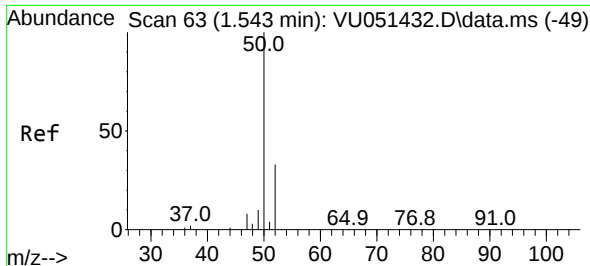
Tgt Ion: 96	Resp: 55024
Ion Ratio	Lower Upper
96 100	
70 18.8	16.7 25.1
95 9.1	7.5 11.3
97 6.9	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.614 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion: 85	Resp: 11322
Ion Ratio	Lower Upper
85 100	
87 32.9	16.4 49.4

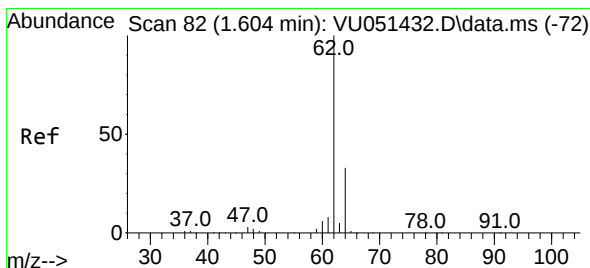
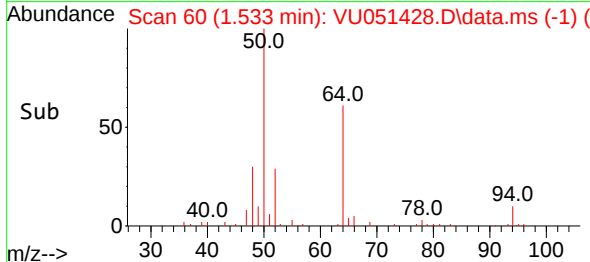
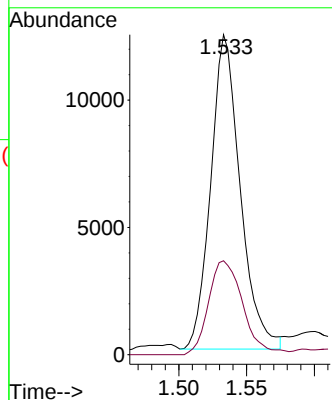
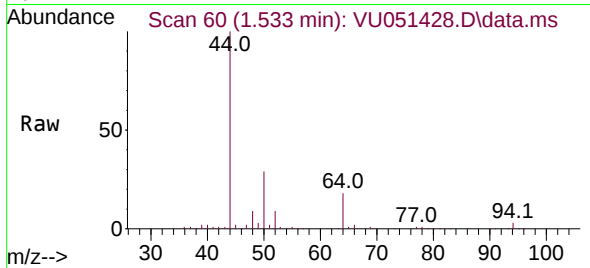




#3
Chloromethane
Concen: 0.746 ug/l
RT: 1.533 min Scan# 60
Delta R.T. -0.010 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

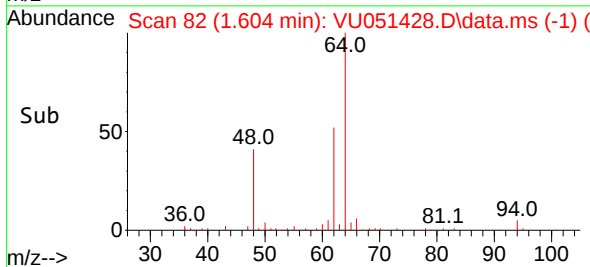
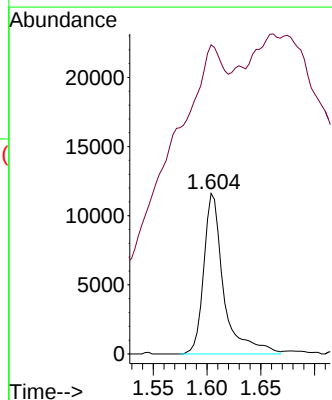
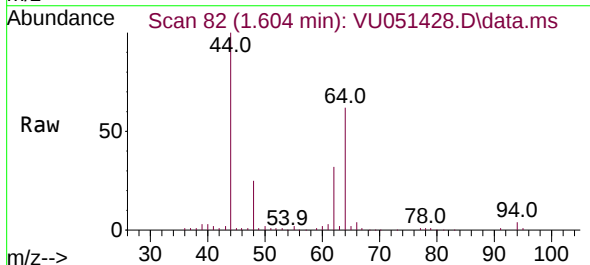
Instrument :
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ClientSampleId :
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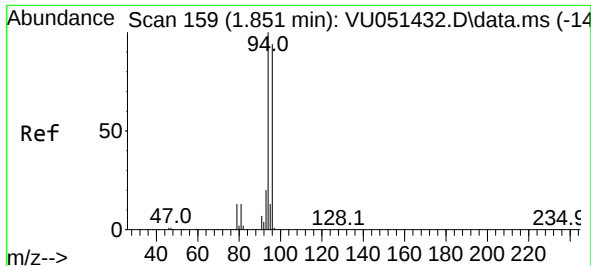
Tgt Ion: 50 Resp: 18678
Ion Ratio Lower Upper
50 100
52 29.9 26.7 40.1



#4
Vinyl Chloride
Concen: 0.640 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion: 62 Resp: 15029
Ion Ratio Lower Upper
62 100
64 51.6 26.7 40.1#

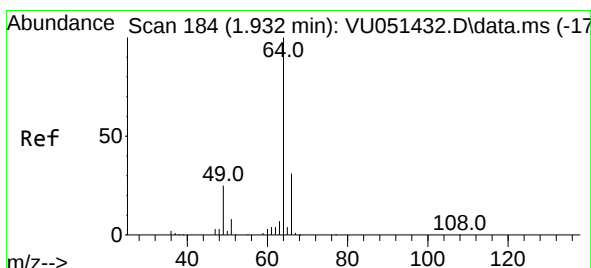
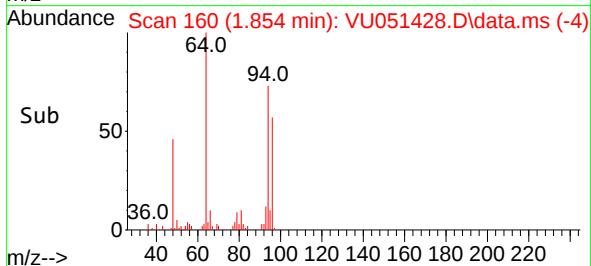
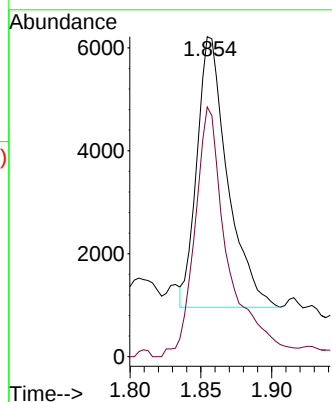
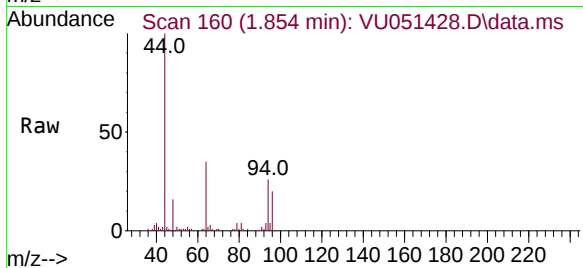




#5
Bromomethane
Concen: 0.532 ug/l
RT: 1.854 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

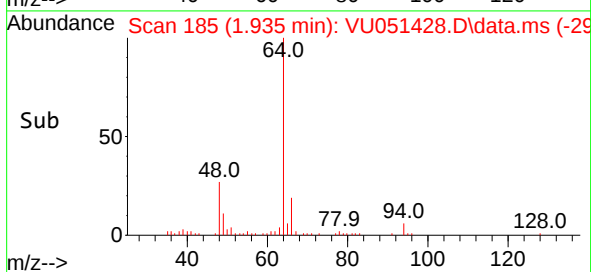
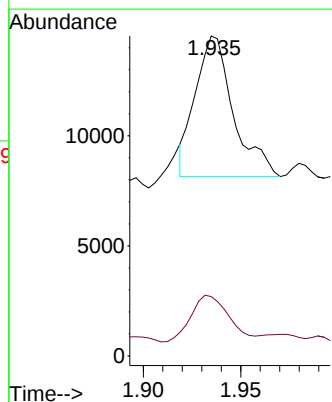
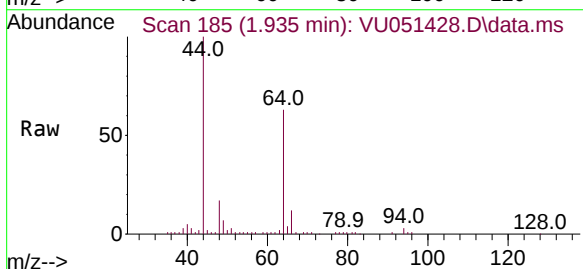
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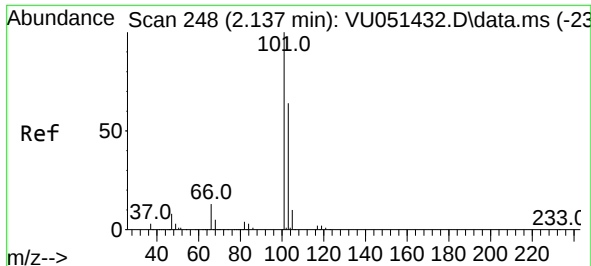
Tgt Ion: 94 Resp: 7888
Ion Ratio Lower Upper
94 100
96 87.8 74.8 112.2



#6
Chloroethane
Concen: 0.594 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion: 64 Resp: 8657
Ion Ratio Lower Upper
64 100
66 26.8 25.2 37.8

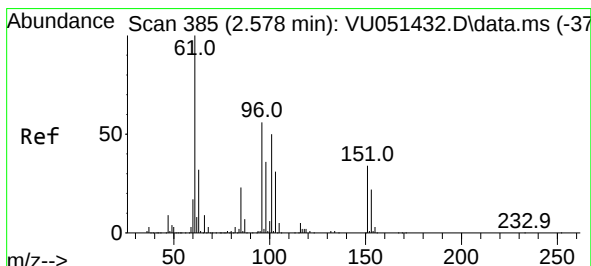
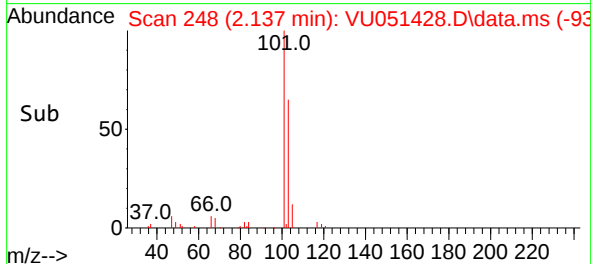
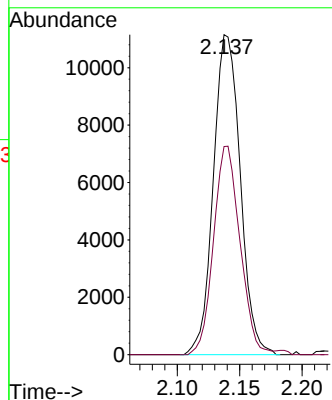
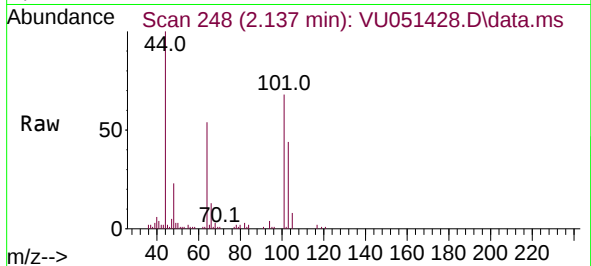




#7
 Trichlorofluoromethane
 Concen: 0.626 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU051428.D
 Acq: 17 Oct 2022 14:38

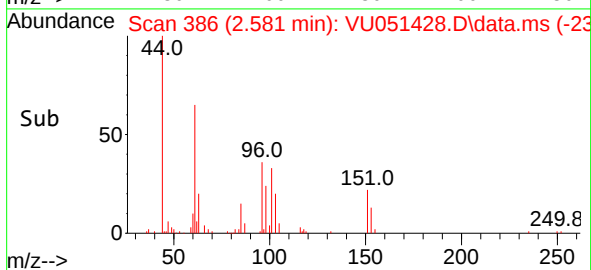
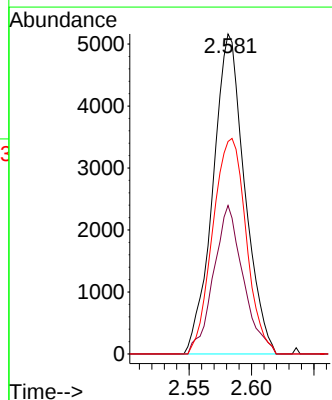
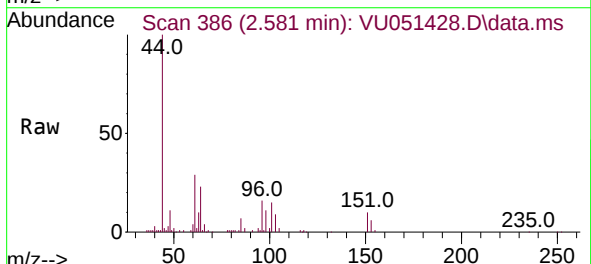
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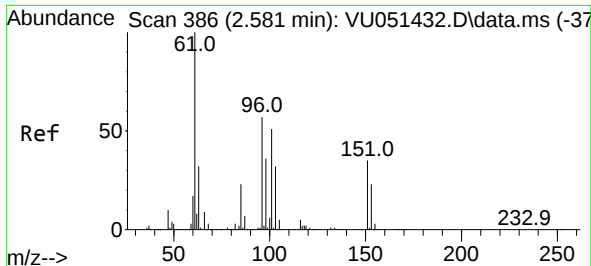
Tgt Ion:101 Resp: 16767
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.601 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU051428.D
 Acq: 17 Oct 2022 14:38

Tgt Ion:101 Resp: 9148
 Ion Ratio Lower Upper
 101 100
 85 43.3 36.6 54.8
 151 70.9 54.6 81.8

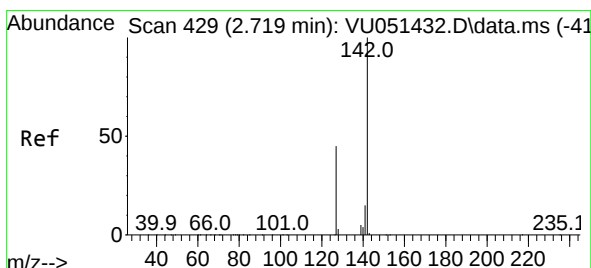
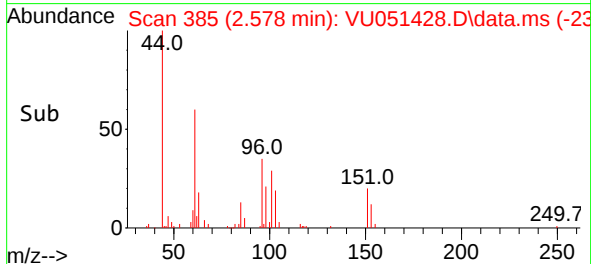
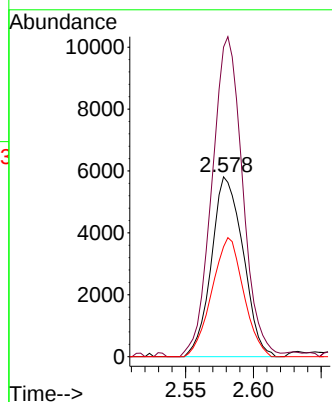
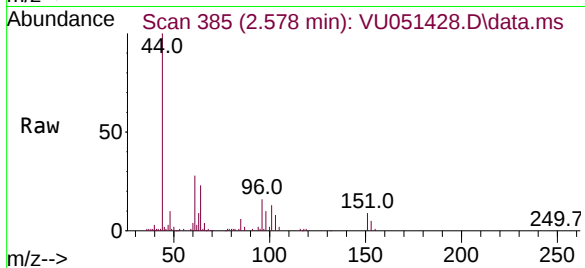




#9
1,1-Dichloroethene
Concen: 0.589 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

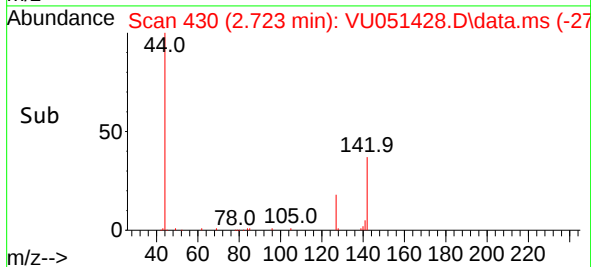
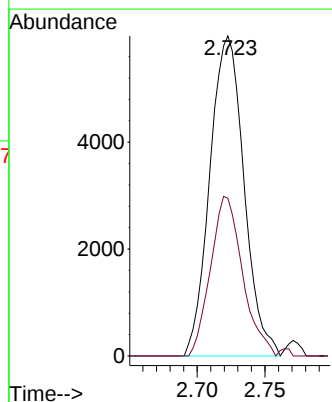
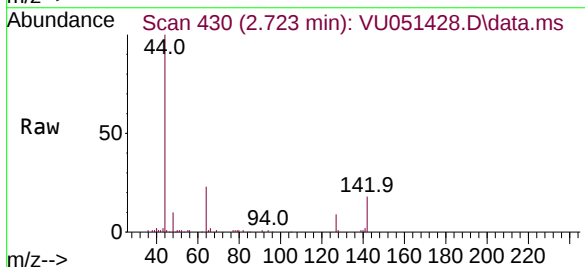
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ClientSampleId :
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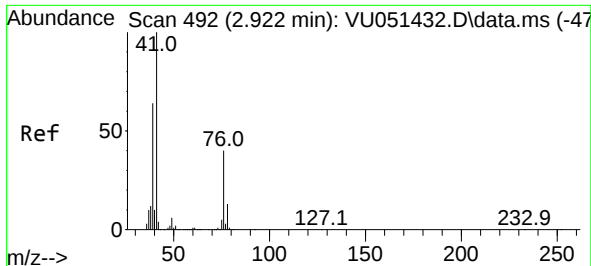
Tgt Ion:	96	Resp:	9422
Ion	Ratio	Lower	Upper
96	100		
61	172.2	0.0	522.3
98	61.1	0.0	126.6



#10
Iodomethane
Concen: 0.462 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion:	142	Resp:	10493
Ion	Ratio	Lower	Upper
142	100		
127	46.7	37.0	55.4

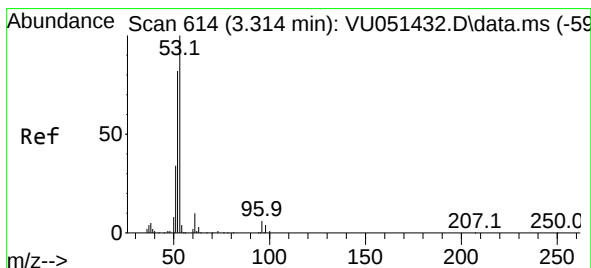
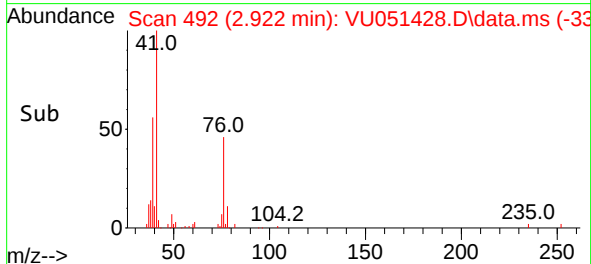
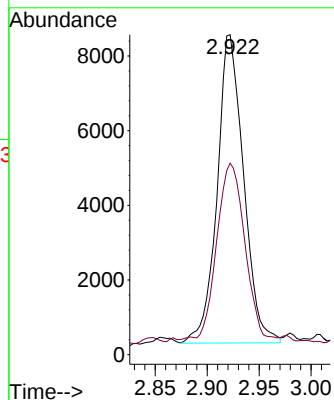
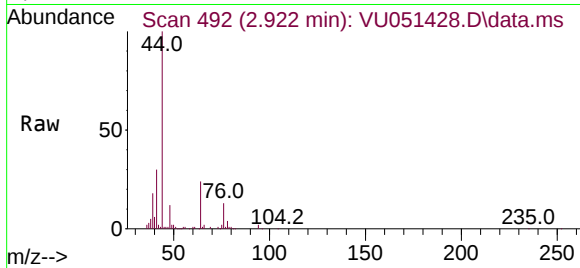




#11
 Allyl Chloride
 Concen: 0.588 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: VU051428.D
 Acq: 17 Oct 2022 14:38

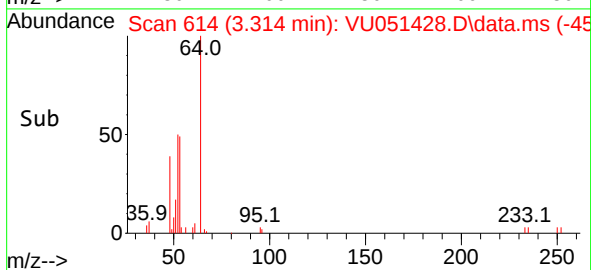
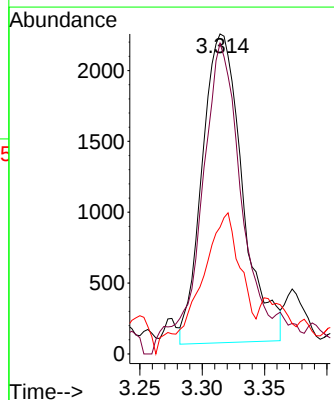
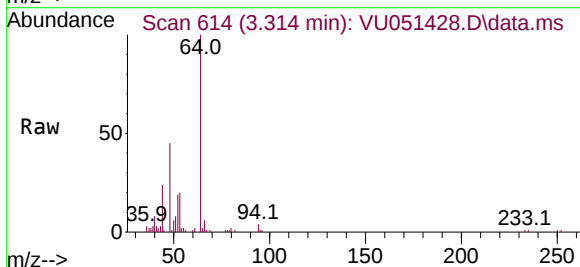
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

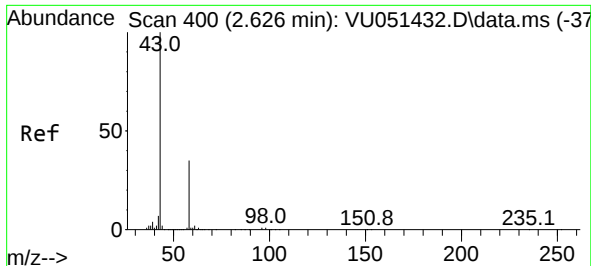
Tgt Ion: 41 Resp: 14639
 Ion Ratio Lower Upper
 41 100
 39 61.0 51.4 77.0



#12
 Acrylonitrile
 Concen: 0.974 ug/l
 RT: 3.314 min Scan# 614
 Delta R.T. -0.000 min
 Lab File: VU051428.D
 Acq: 17 Oct 2022 14:38

Tgt Ion: 53 Resp: 4898
 Ion Ratio Lower Upper
 53 100
 52 100.7 63.9 95.9#
 51 47.2 25.9 38.9#





#13

Acetone

Concen: 3.630 ug/l

RT: 2.629 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

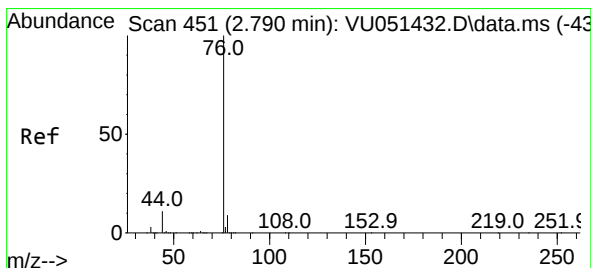
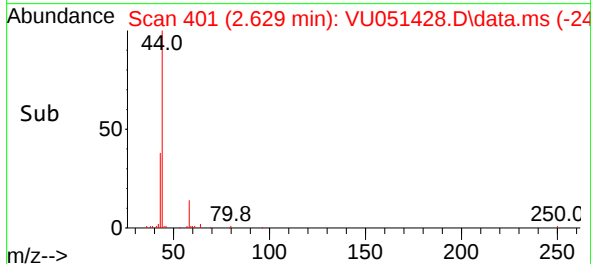
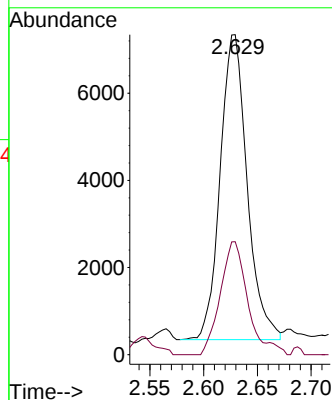
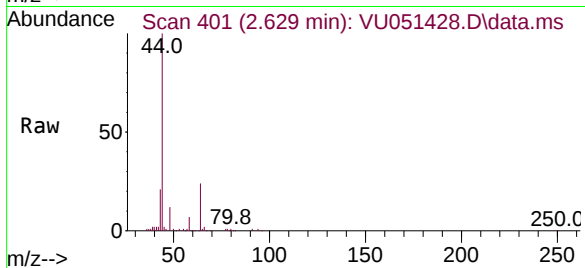
VSTDIC0.5

Tgt Ion: 43 Resp: 12202

Ion Ratio Lower Upper

43 100

58 37.0 27.9 41.9



#14

Carbon Disulfide

Concen: 0.567 ug/l

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051428.D

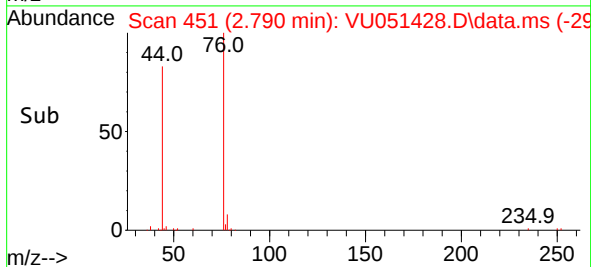
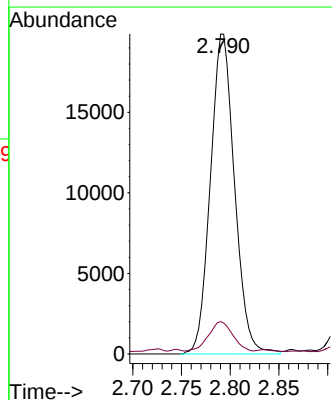
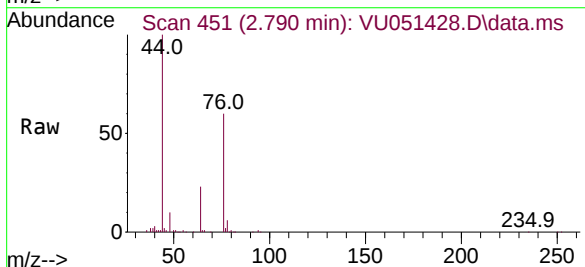
Acq: 17 Oct 2022 14:38

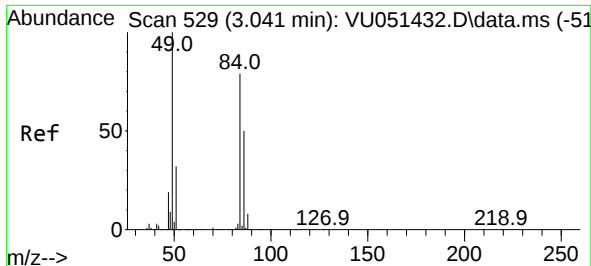
Tgt Ion: 76 Resp: 34204

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

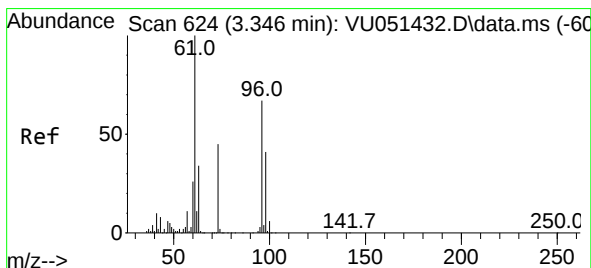
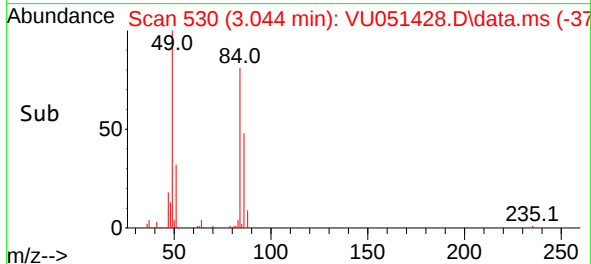
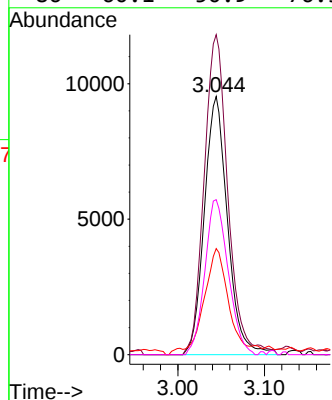
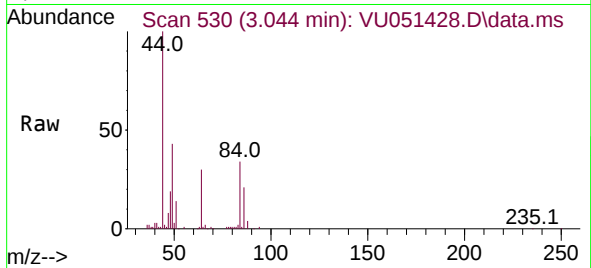




#15
Methylene Chloride
Concen: 0.646 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

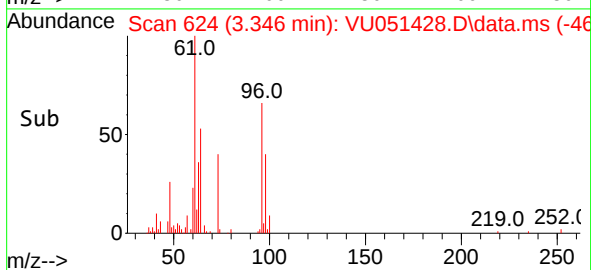
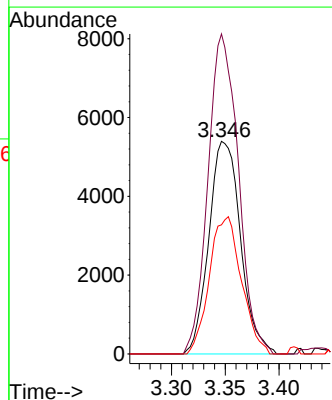
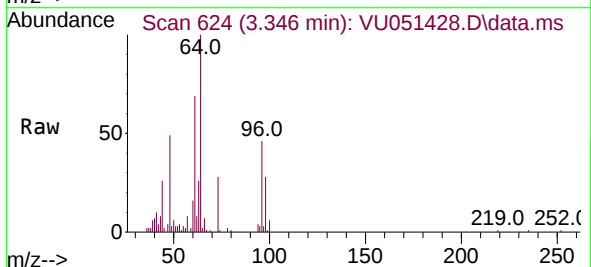
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

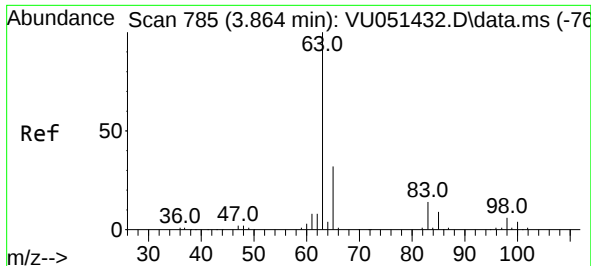
Tgt Ion: 84 Resp: 17790
Ion Ratio Lower Upper
84 100
49 124.0 101.1 151.7
51 38.8 0.0 80.2
86 60.1 50.9 76.3



#16
trans-1,2-Dichloroethene
Concen: 0.611 ug/l
RT: 3.346 min Scan# 624
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion: 96 Resp: 11070
Ion Ratio Lower Upper
96 100
61 150.5 119.9 179.9
98 60.7 49.5 74.3





#17

1,1-Dichloroethane

Concen: 0.620 ug/l

RT: 3.867 min Scan# 7

Delta R.T. 0.003 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

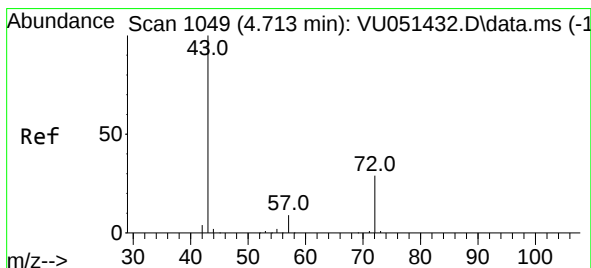
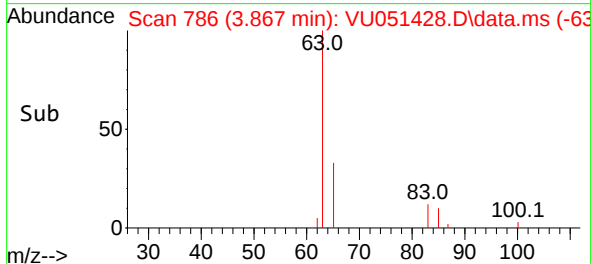
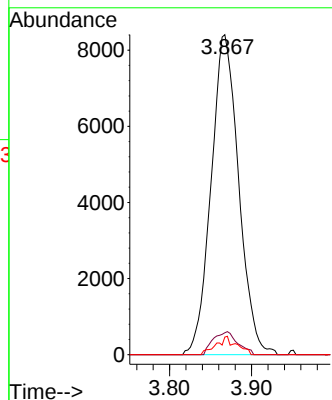
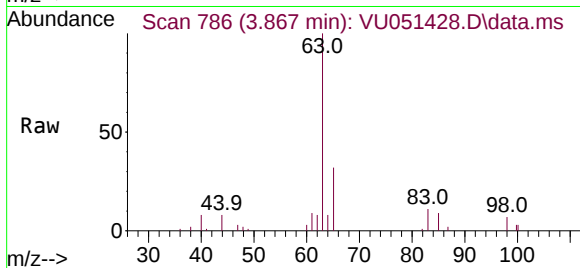
Tgt Ion: 63 Resp: 19684

Ion Ratio Lower Upper

63 100

98 6.9 3.1 9.3

100 5.5 2.1 6.3



#18

2-Butanone

Concen: 2.062 ug/l

RT: 4.726 min Scan# 1053

Delta R.T. 0.013 min

Lab File: VU051428.D

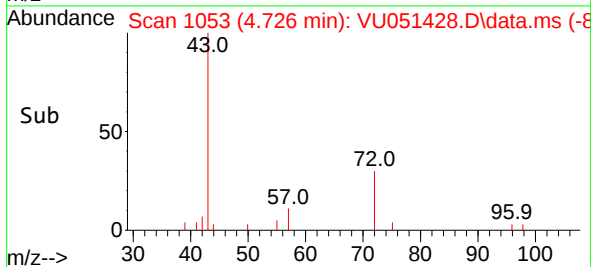
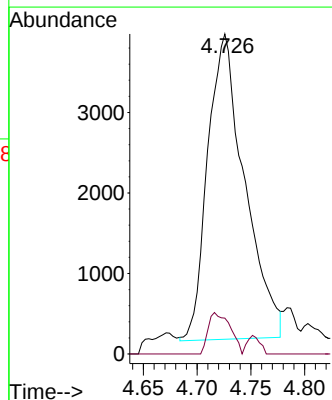
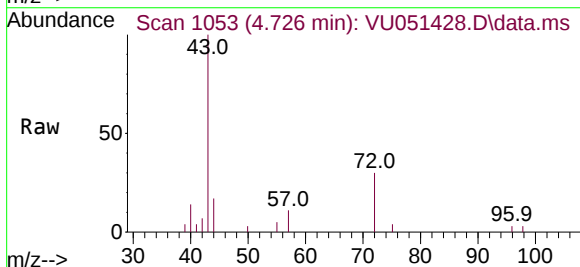
Acq: 17 Oct 2022 14:38

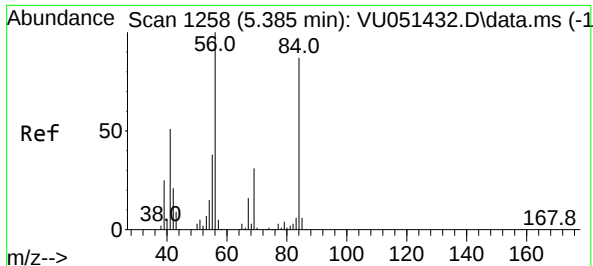
Tgt Ion: 43 Resp: 9051

Ion Ratio Lower Upper

43 100

57 11.8 0.0 18.2





#19

Cyclohexane

Concen: 0.422 ug/l

RT: 5.382 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

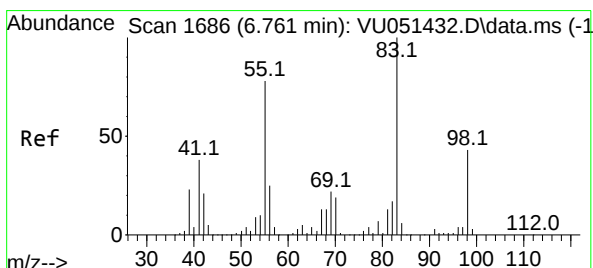
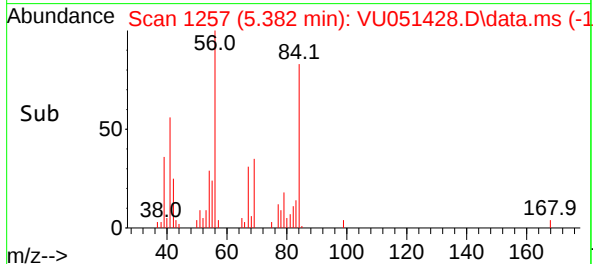
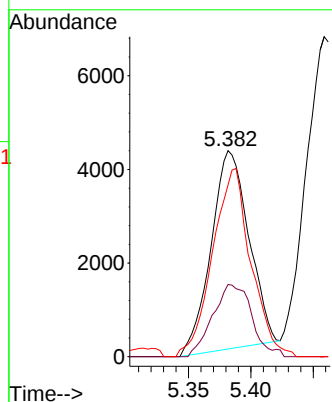
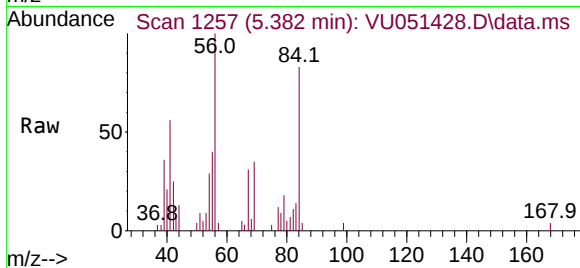
Tgt Ion: 56 Resp: 8927

Ion Ratio Lower Upper

56 100

69 37.5 25.0 37.4#

84 95.9 68.5 102.7



#20

Methylcyclohexane

Concen: 0.414 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. -0.003 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

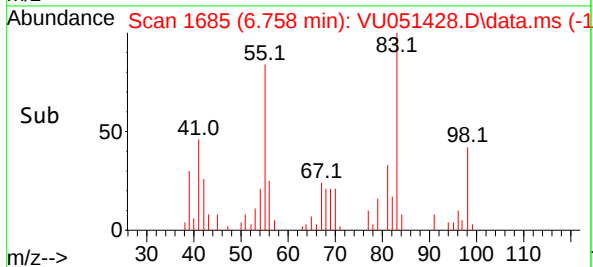
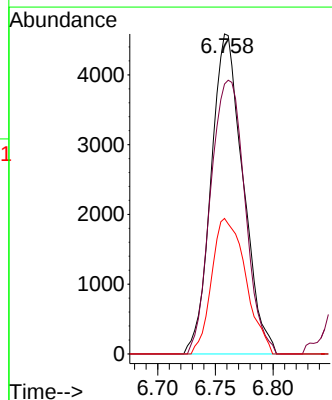
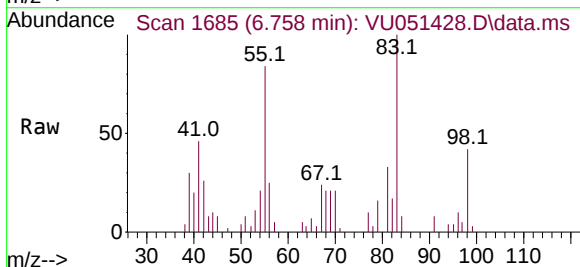
Tgt Ion: 83 Resp: 8819

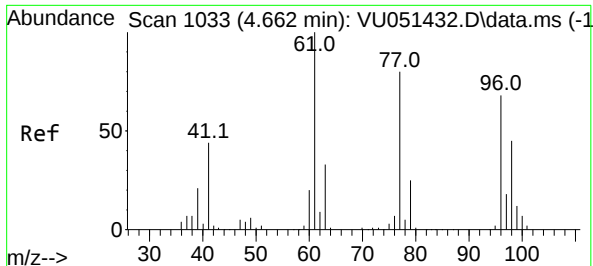
Ion Ratio Lower Upper

83 100

55 91.8 62.4 93.6

98 45.0 35.5 53.3





#21

2,2-Dichloropropane

Concen: 0.669 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

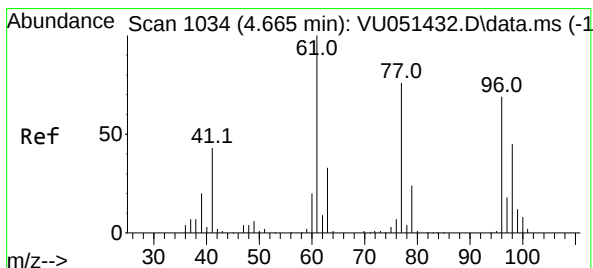
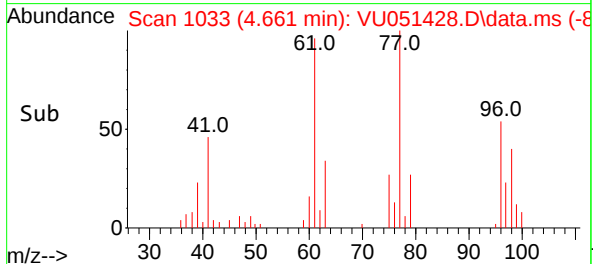
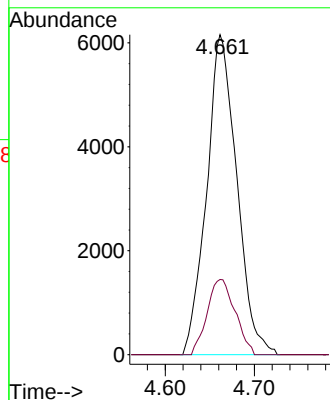
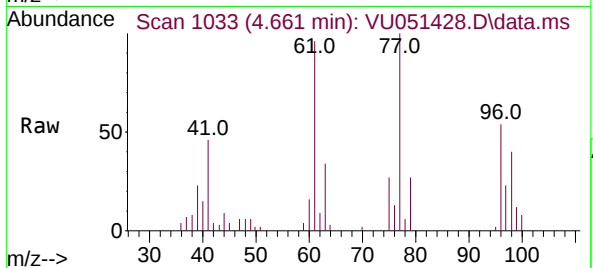
VSTDIC0.5

Tgt Ion: 77 Resp: 14460

Ion Ratio Lower Upper

77 100

97 21.8 19.0 28.6



#22

cis-1,2-Dichloroethene

Concen: 0.536 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.010 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

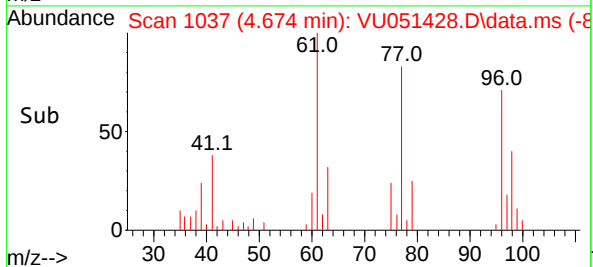
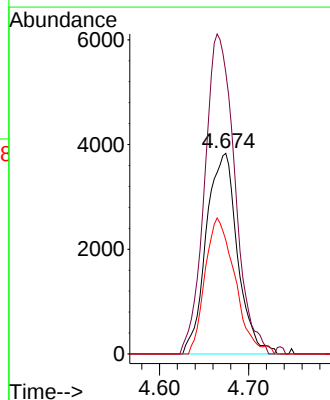
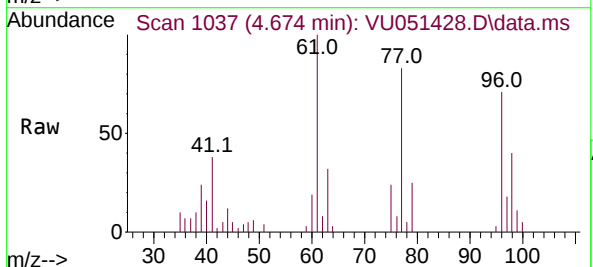
Tgt Ion: 96 Resp: 9343

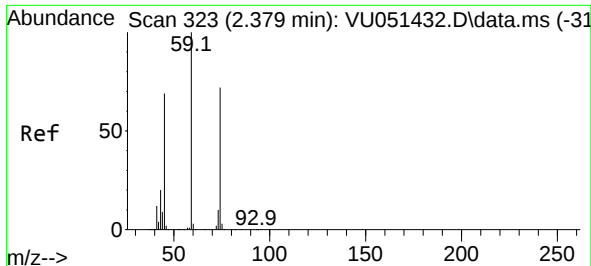
Ion Ratio Lower Upper

96 100

61 153.7 0.0 362.8

98 64.2 32.5 97.5

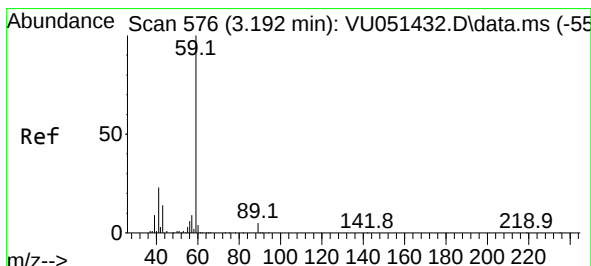
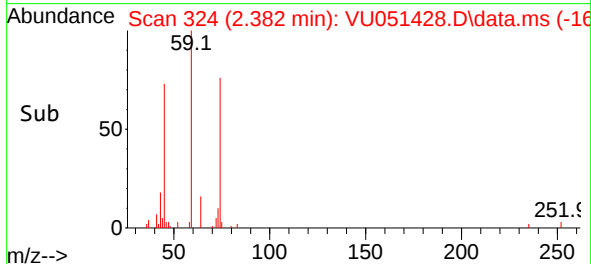
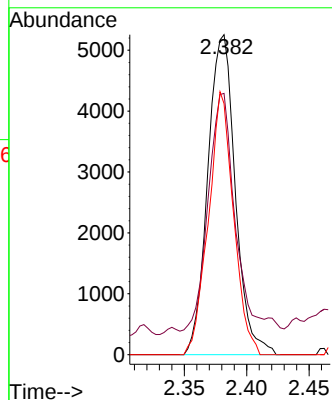
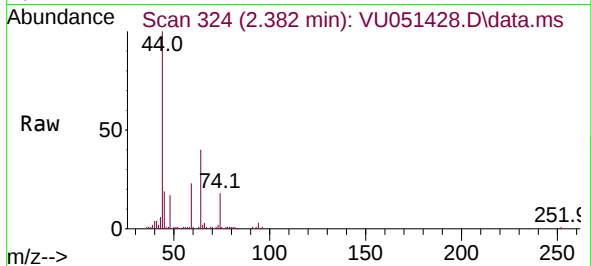




#23
Diethyl Ether
Concen: 0.565 ug/l
RT: 2.382 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

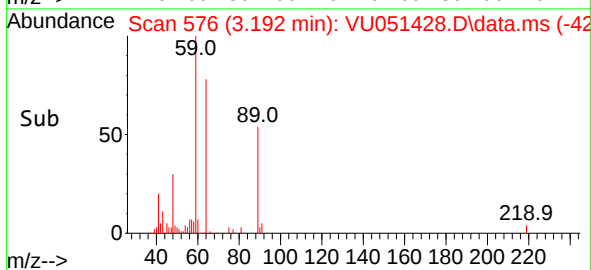
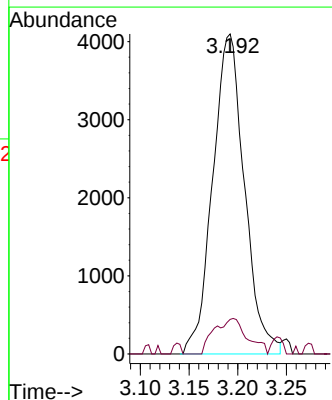
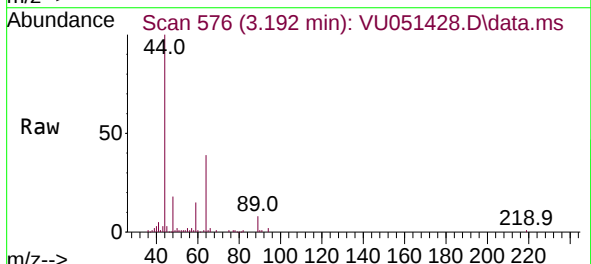
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

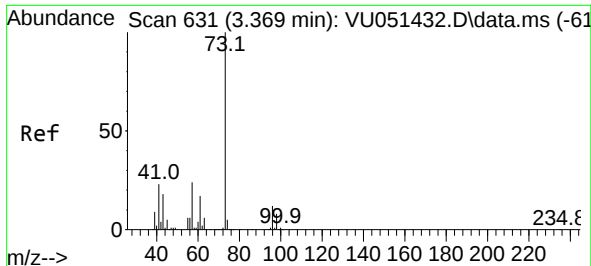
Tgt Ion: 59 Resp: 8080
Ion Ratio Lower Upper
59 100
45 72.4 55.7 83.5
74 74.8 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 11.215 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion: 59 Resp: 9270
Ion Ratio Lower Upper
59 100
57 11.5 7.8 11.8

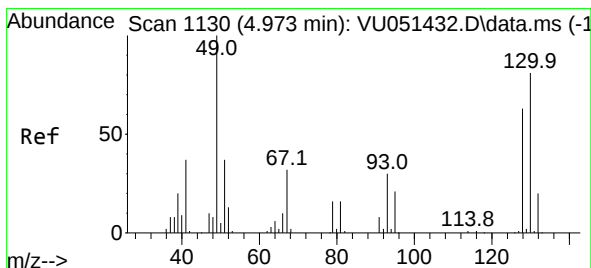
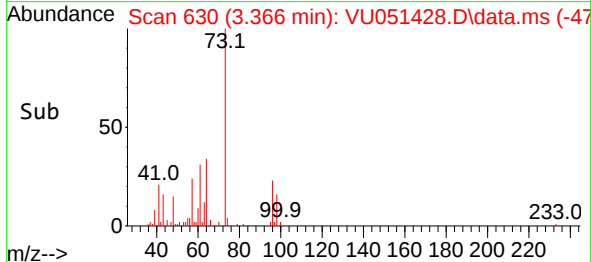
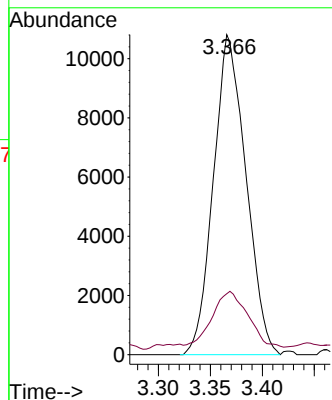
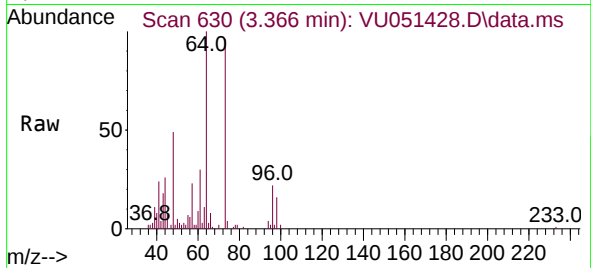




#25
Methyl tert-Butyl Ether
Concen: 0.549 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

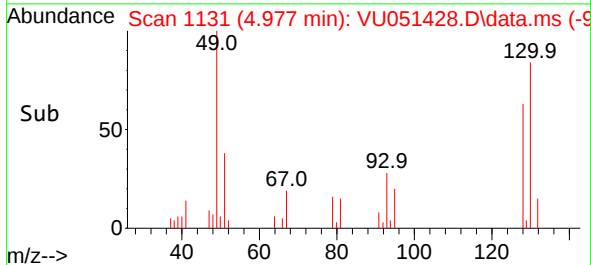
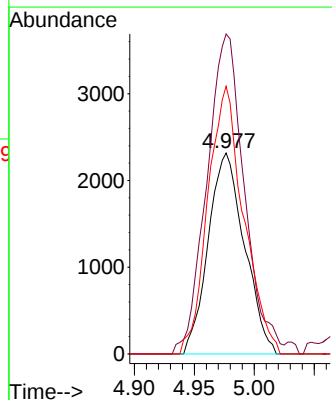
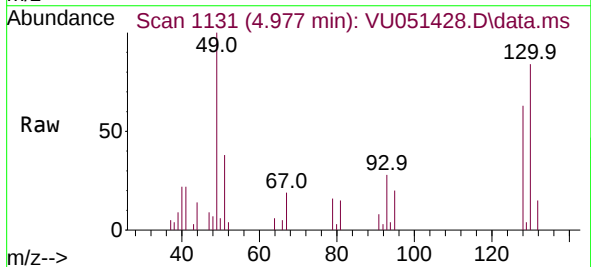
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

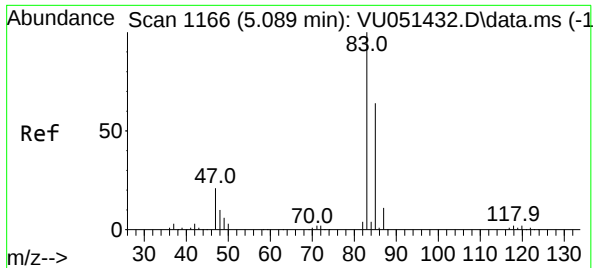
Tgt Ion: 73 Resp: 23491
Ion Ratio Lower Upper
73 100
43 19.0 14.2 21.4



#26
Bromochloromethane
Concen: 0.580 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion: 128 Resp: 4861
Ion Ratio Lower Upper
128 100
49 164.8 0.0 320.4
130 131.6 105.0 157.6

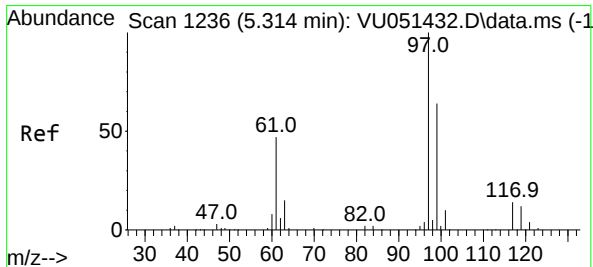
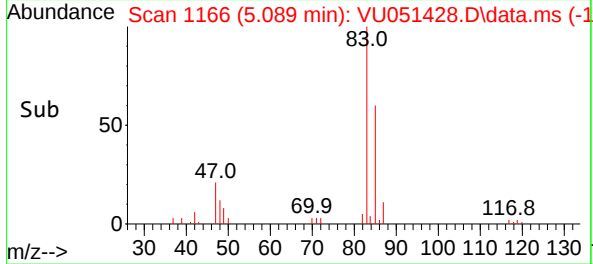
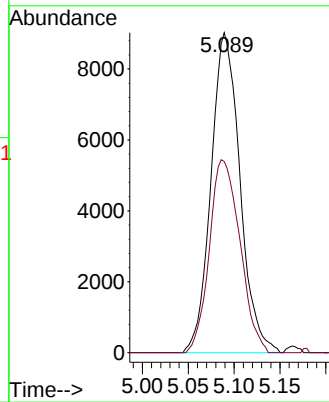
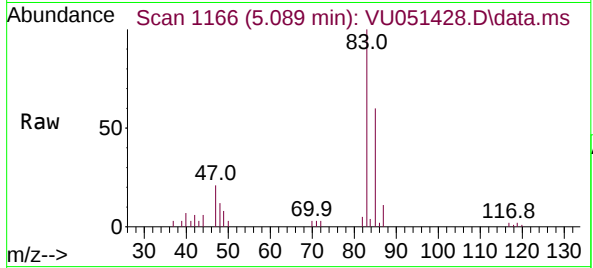




#27
Chloroform
Concen: 0.615 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

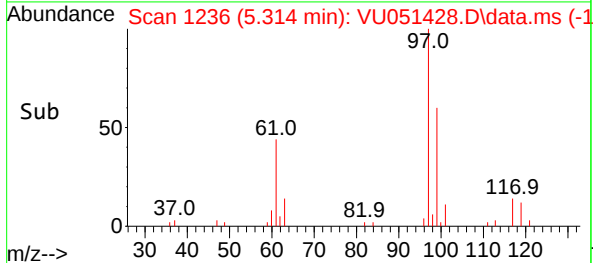
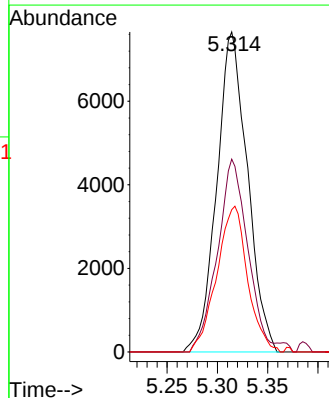
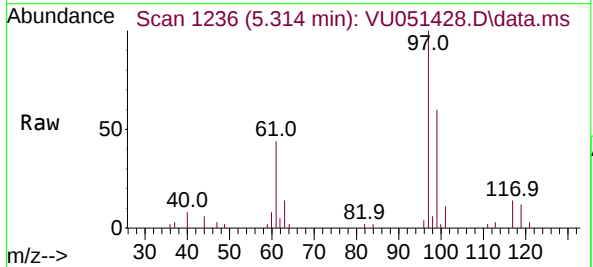
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

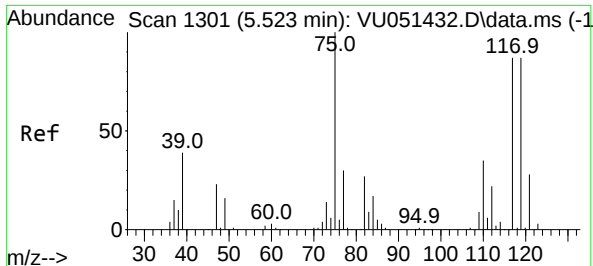
Tgt Ion: 83 Resp: 19837
Ion Ratio Lower Upper
83 100
85 59.7 0.0 128.8



#28
1,1,1-Trichloroethane
Concen: 0.635 ug/l
RT: 5.314 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion: 97 Resp: 16240
Ion Ratio Lower Upper
97 100
99 60.0 31.8 95.4
61 45.8 23.6 71.0





#29

1,1-Dichloropropene

Concen: 0.519 ug/l

RT: 5.526 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

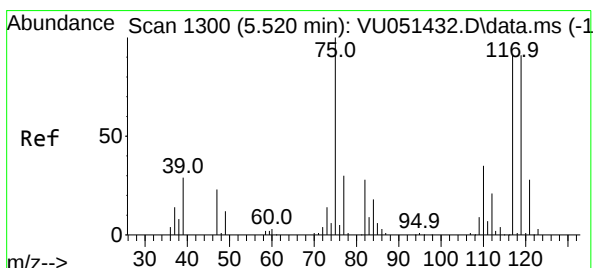
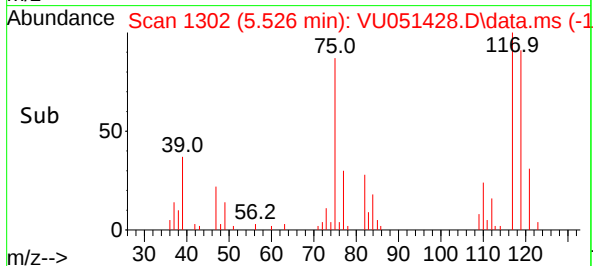
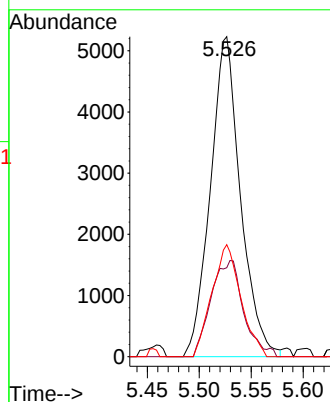
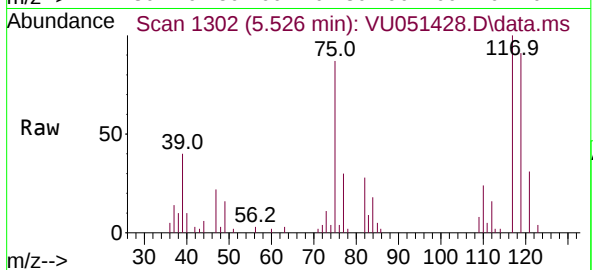
Tgt Ion: 75 Resp: 10544

Ion Ratio Lower Upper

75 100

110 32.4 17.8 53.3

77 33.5 24.2 36.4



#30

Carbon Tetrachloride

Concen: 0.620 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. 0.003 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

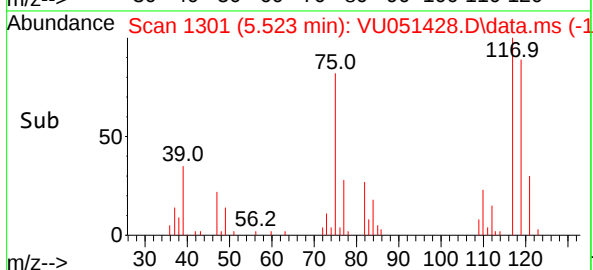
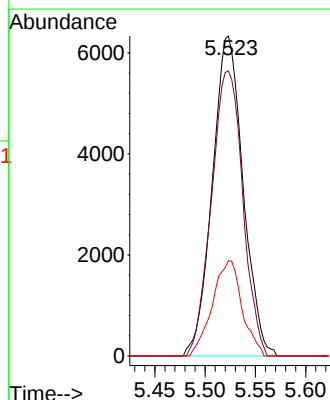
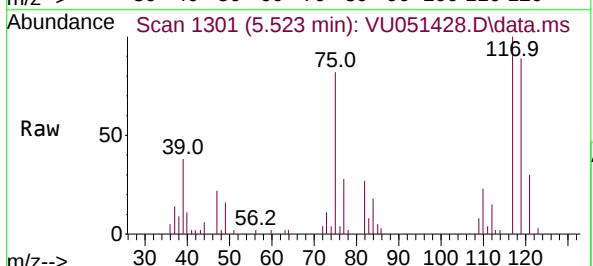
Tgt Ion: 117 Resp: 13468

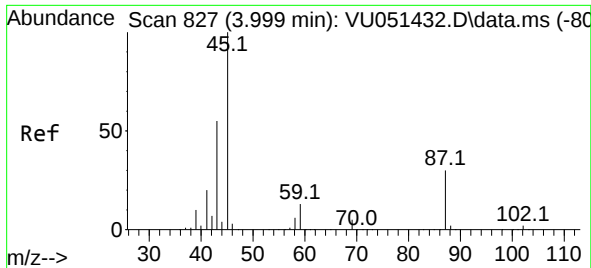
Ion Ratio Lower Upper

117 100

119 89.1 80.0 120.0

121 29.8 24.9 37.3

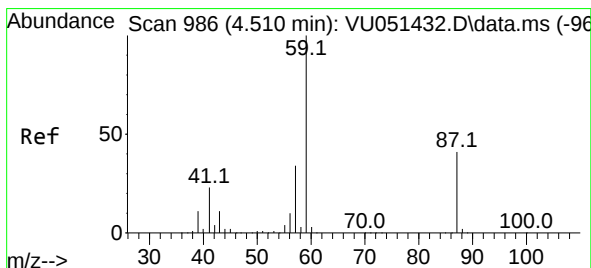
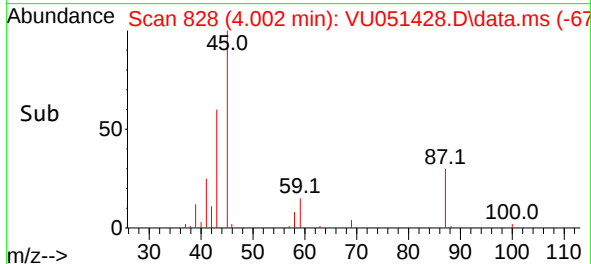
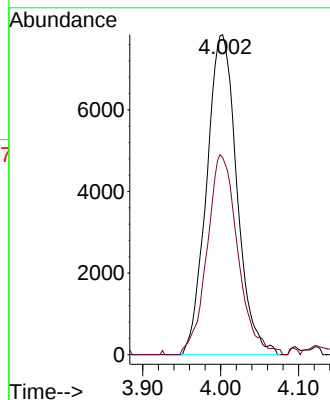
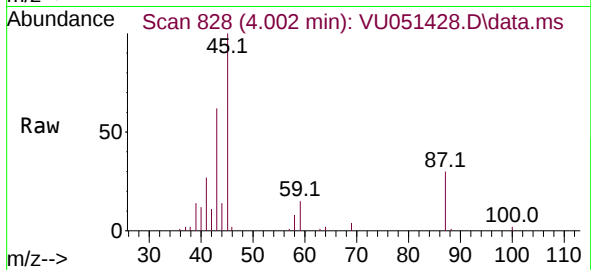




#31
Isopropyl Ether
Concen: 0.515 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

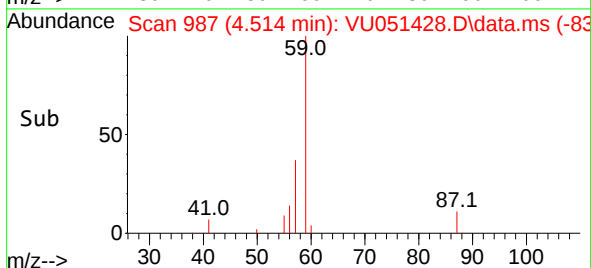
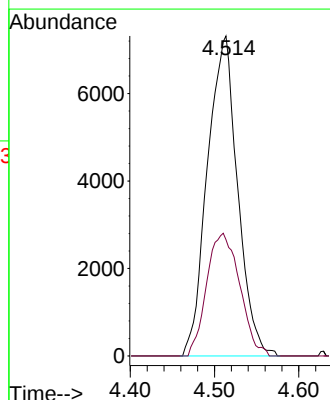
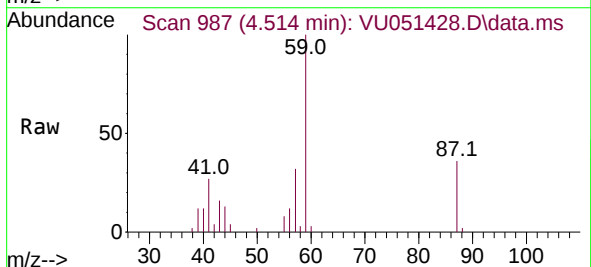
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

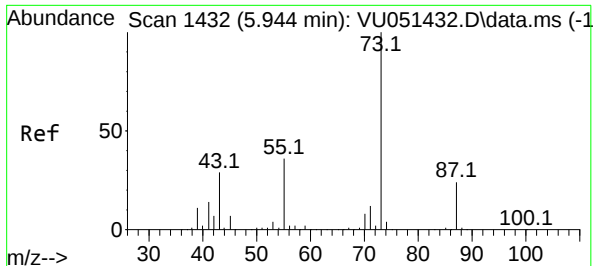
Tgt Ion: 45 Resp: 21133
Ion Ratio Lower Upper
45 100
43 63.7 27.6 82.7



#32
Ethyl-t-butyl ether
Concen: 0.501 ug/l
RT: 4.514 min Scan# 987
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion: 59 Resp: 18248
Ion Ratio Lower Upper
59 100
87 41.8 33.8 50.8





#33

Tert-Amyl methyl ether

Concen: 0.433 ug/l

RT: 5.941 min Scan# 1432

Delta R.T. -0.003 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

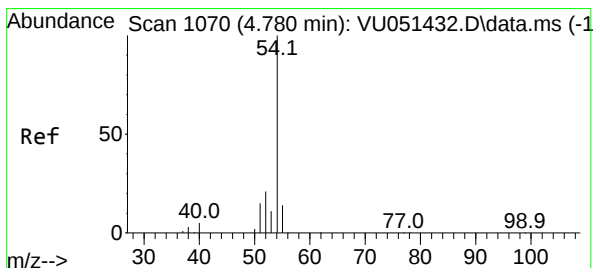
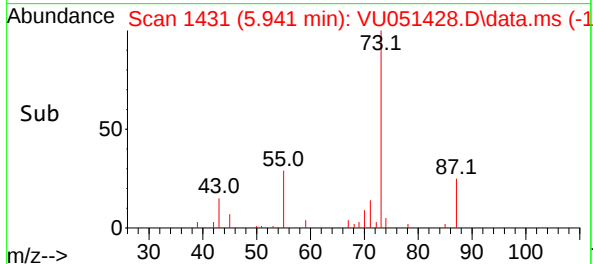
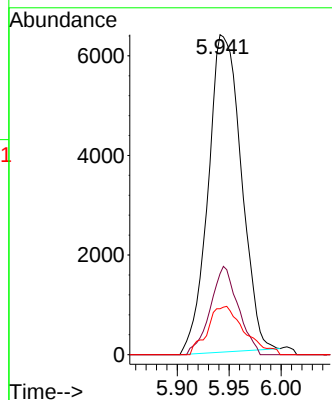
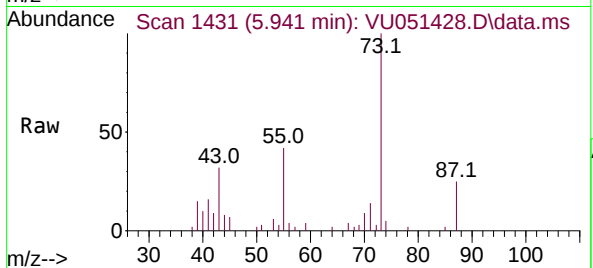
Tgt Ion: 73 Resp: 14100

Ion Ratio Lower Upper

73 100

87 23.4 18.9 28.3

71 16.8 9.4 14.2#



#34

Propionitrile

Concen: 2.238 ug/l

RT: 4.790 min Scan# 1073

Delta R.T. 0.010 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

Tgt Ion: 54 Resp: 3079

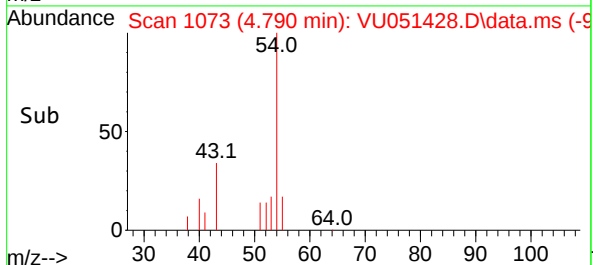
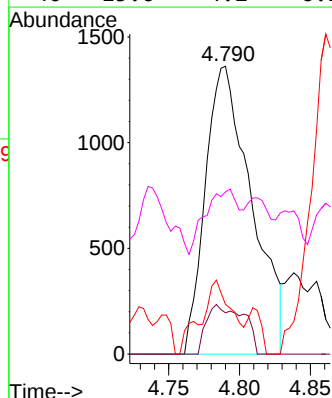
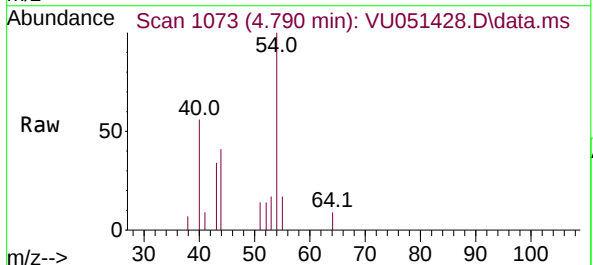
Ion Ratio Lower Upper

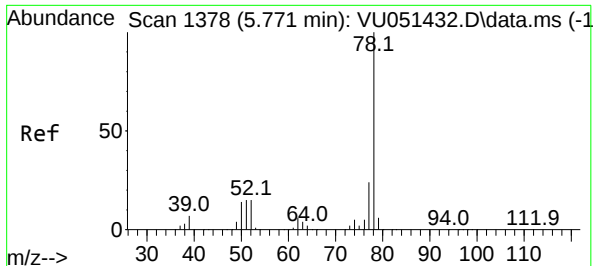
54 100

52 13.8 16.4 24.6#

55 17.5 11.5 17.3#

40 15.6 4.2 6.2#

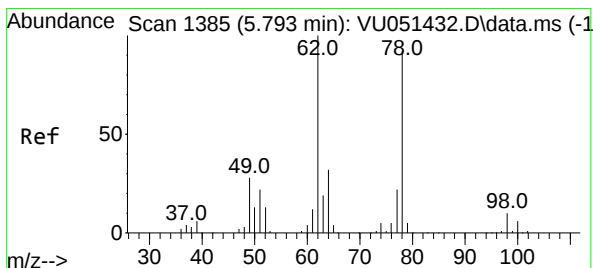
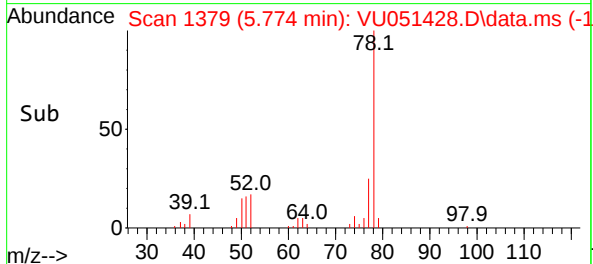
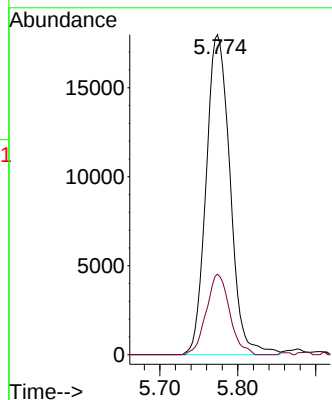
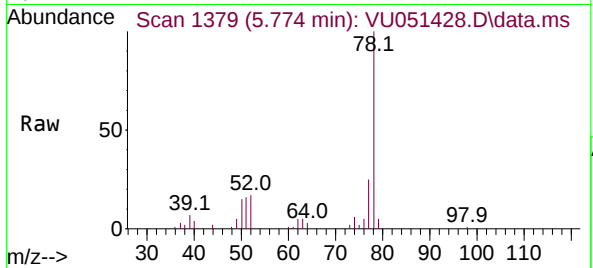




#35
Benzene
Concen: 0.569 ug/l
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

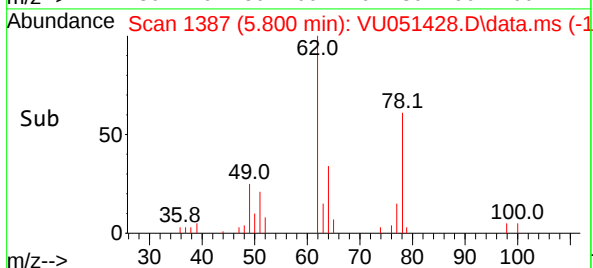
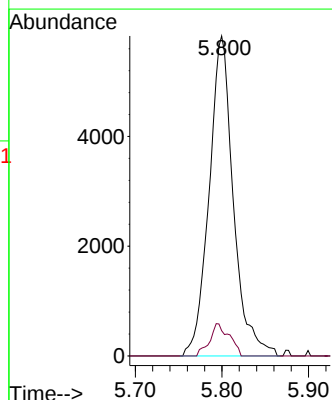
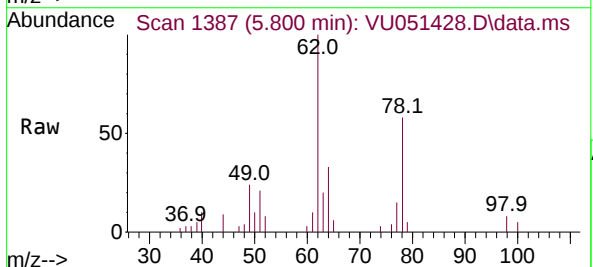
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 78 Resp: 38390
Ion Ratio Lower Upper
78 100
77 25.2 19.0 28.6



#36
1,2-Dichloroethane
Concen: 0.536 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion: 62 Resp: 11360
Ion Ratio Lower Upper
62 100
98 8.2 7.4 11.2

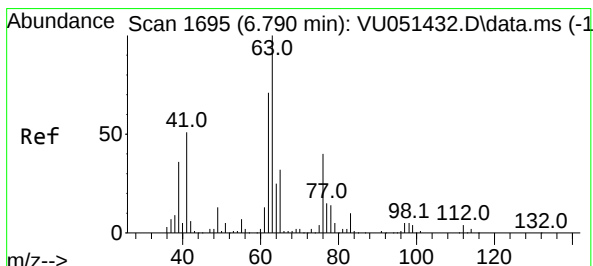
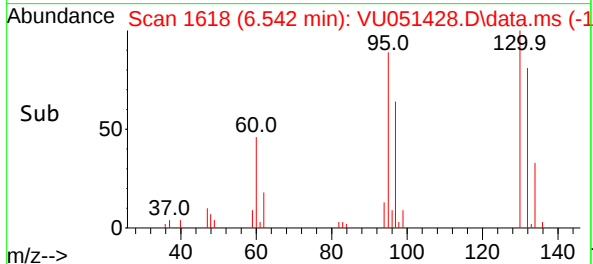
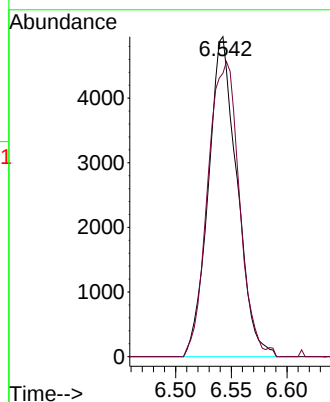
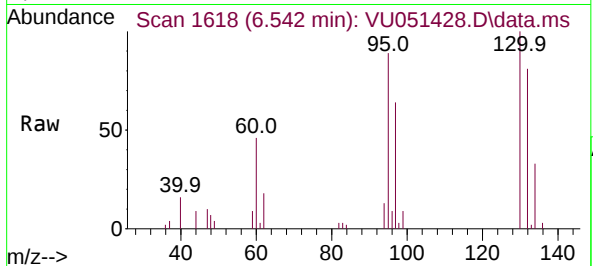




#37
Trichloroethene
Concen: 0.543 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

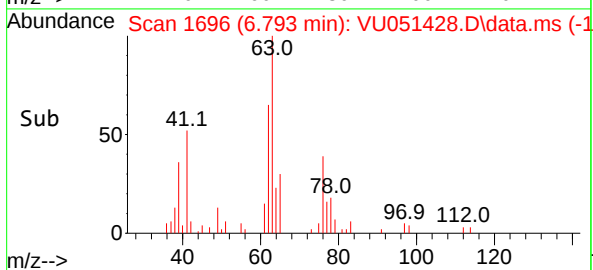
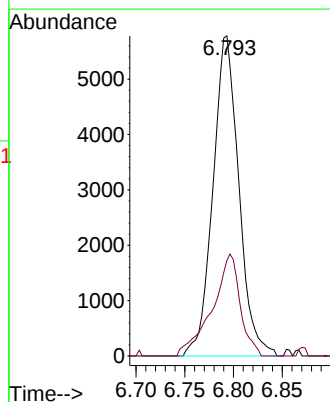
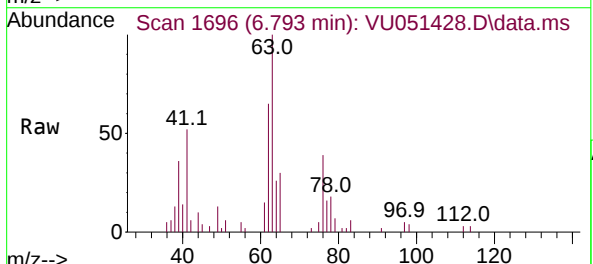
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

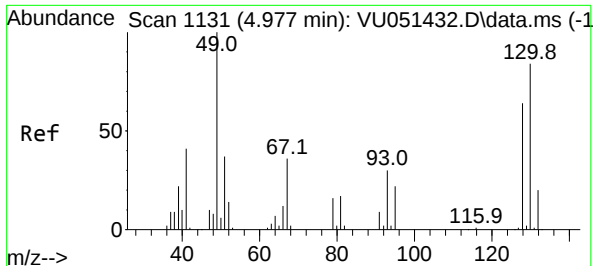
Tgt Ion:130 Resp: 8875
Ion Ratio Lower Upper
130 100
95 88.5 80.2 120.4



#38
1,2-Dichloropropane
Concen: 0.581 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion: 63 Resp: 10694
Ion Ratio Lower Upper
63 100
65 29.9 25.4 38.2





#39

Methacrylonitrile

Concen: 0.485 ug/l

RT: 4.986 min Scan# 1134

Delta R.T. 0.010 min

Lab File: VU051428.D

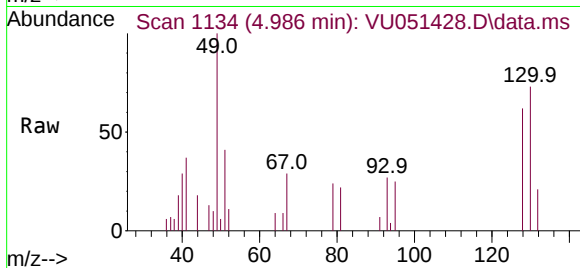
Acq: 17 Oct 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5



Tgt Ion: 41 Resp: 2361

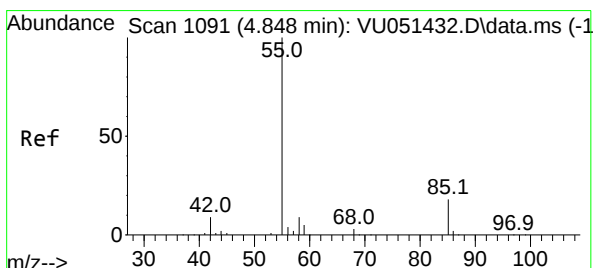
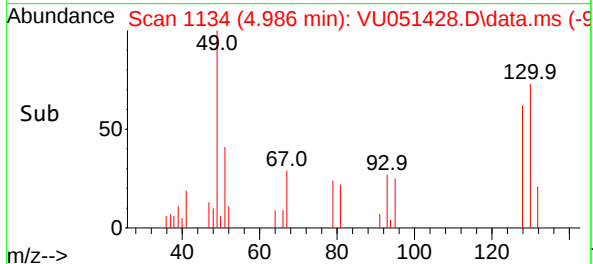
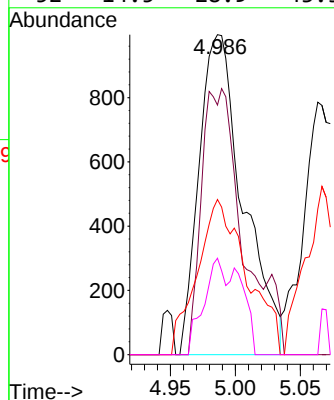
Ion Ratio Lower Upper

41 100

67 71.6 69.6 104.4

39 54.4 42.2 63.4

52 14.5 28.9 43.3#



#40

Methyl acrylate

Concen: 0.407 ug/l

RT: 4.861 min Scan# 1095

Delta R.T. 0.013 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

Tgt Ion: 55 Resp: 3399

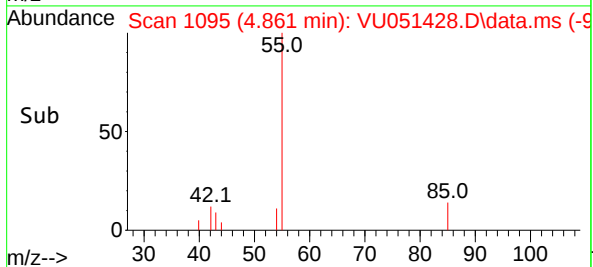
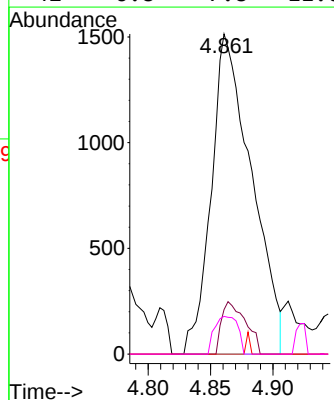
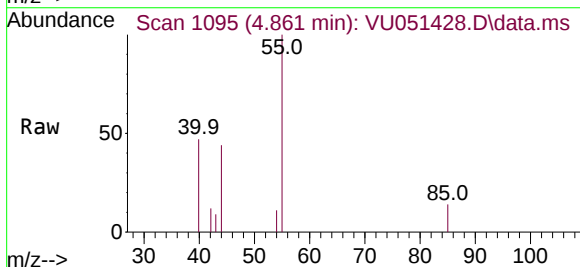
Ion Ratio Lower Upper

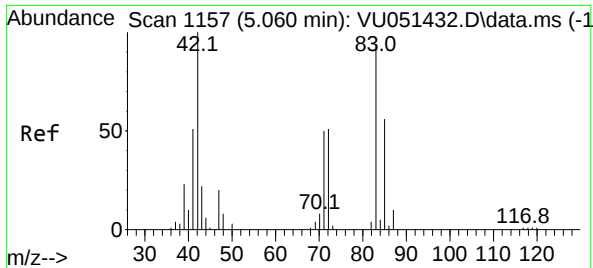
55 100

85 0.0 15.0 22.6#

58 0.6 7.5 11.3#

42 6.8 7.8 11.6#





#41

Tetrahydrofuran

Concen: 1.023 ug/l

RT: 5.070 min Scan# 1157

Delta R.T. 0.010 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

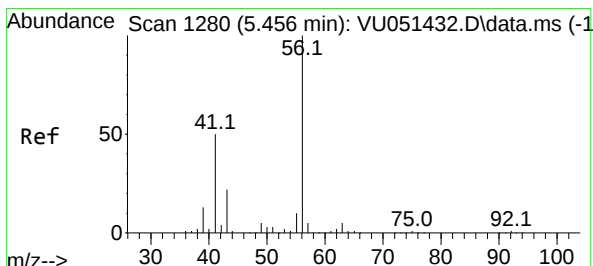
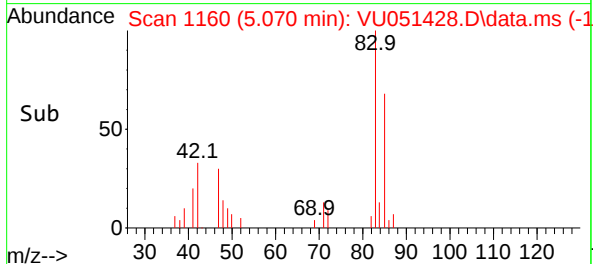
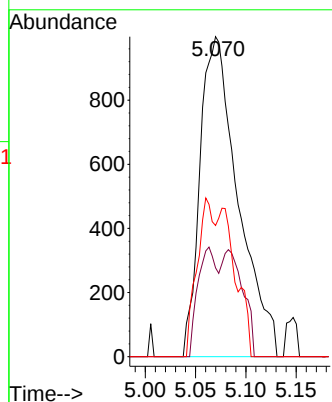
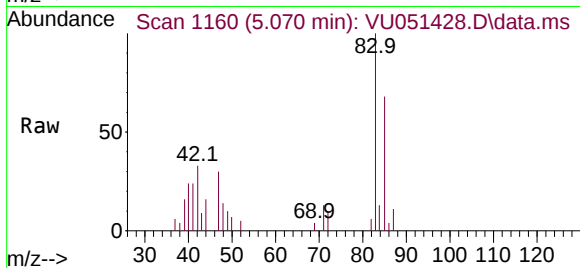
Tgt Ion: 42 Resp: 2626

Ion Ratio Lower Upper

42 100

72 17.5 42.6 64.0#

71 23.3 38.3 57.5#



#42

1-Chlorobutane

Concen: 0.499 ug/l

RT: 5.459 min Scan# 1281

Delta R.T. 0.003 min

Lab File: VU051428.D

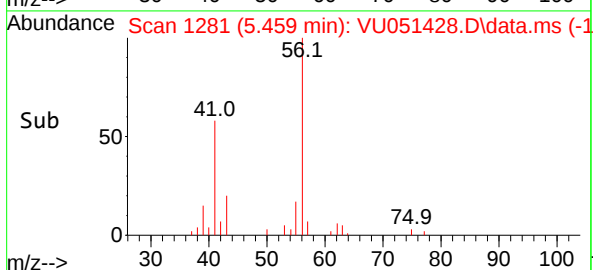
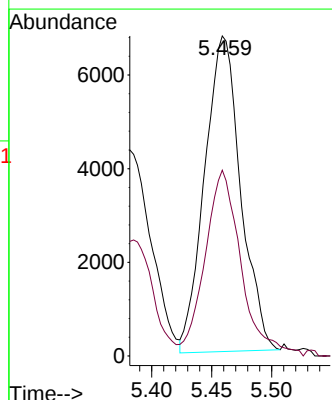
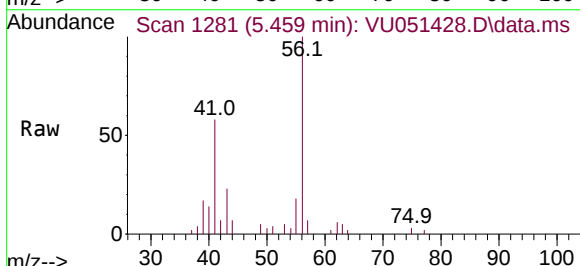
Acq: 17 Oct 2022 14:38

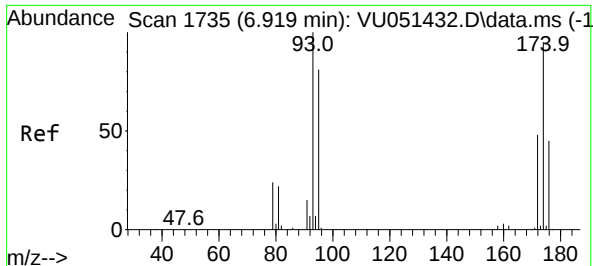
Tgt Ion: 56 Resp: 14108

Ion Ratio Lower Upper

56 100

41 59.0 24.8 74.4

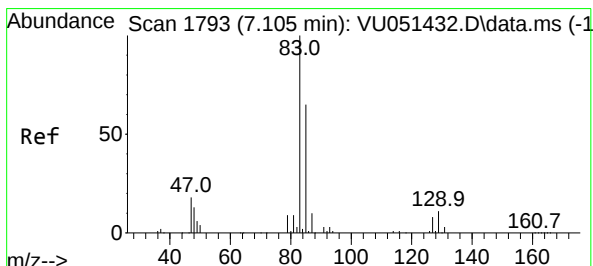
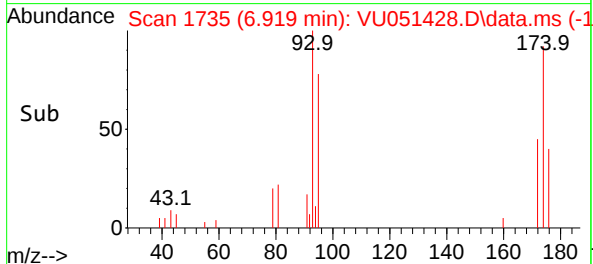
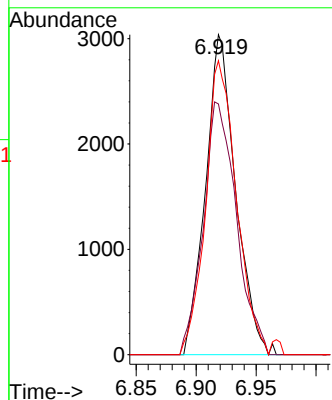
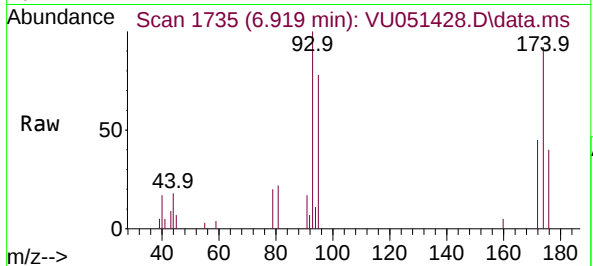




#43
Dibromomethane
Concen: 0.538 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

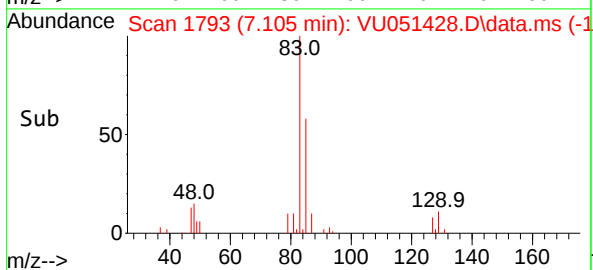
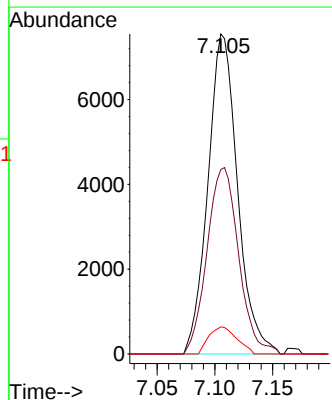
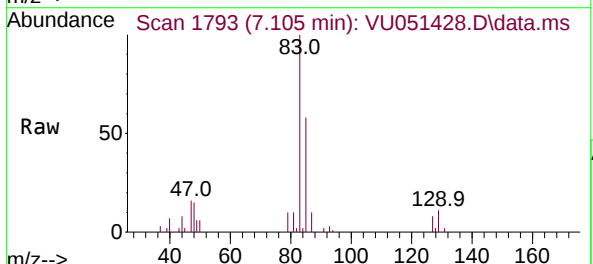
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 93 Resp: 5316
Ion Ratio Lower Upper
93 100
95 86.6 66.7 100.1
174 94.1 75.5 113.3



#44
Bromodichloromethane
Concen: 0.583 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion: 83 Resp: 13488
Ion Ratio Lower Upper
83 100
85 57.6 52.1 78.1
127 8.4 6.8 10.2

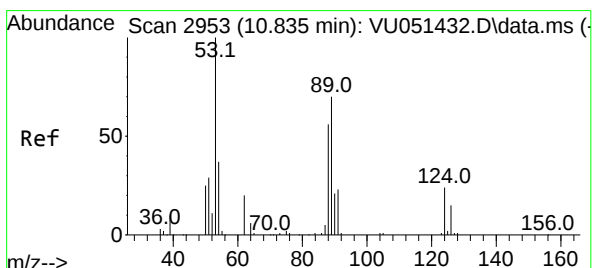
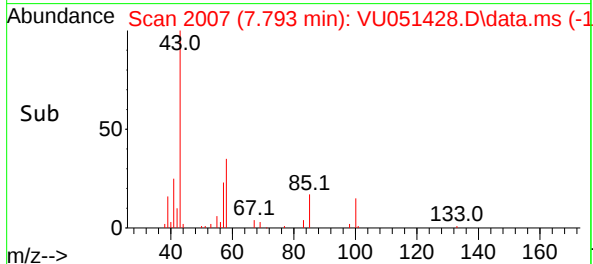
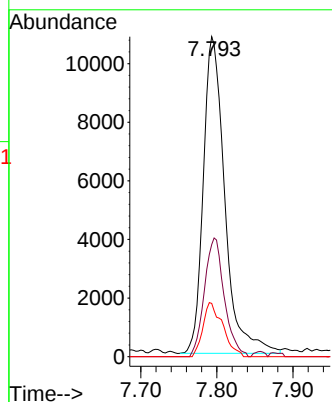
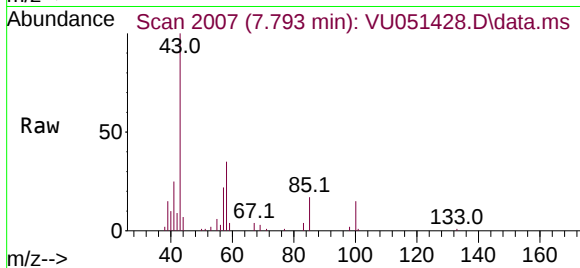




#45
4-Methyl-2-Pentanone
Concen: 2.033 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

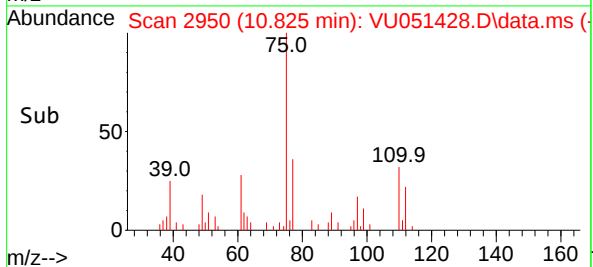
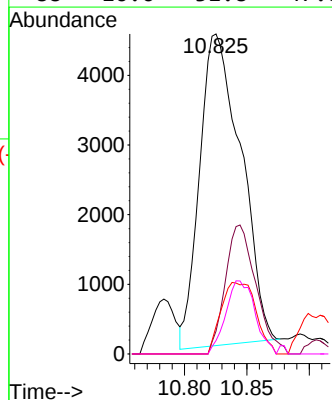
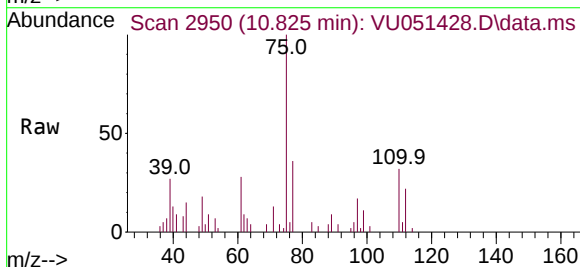
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

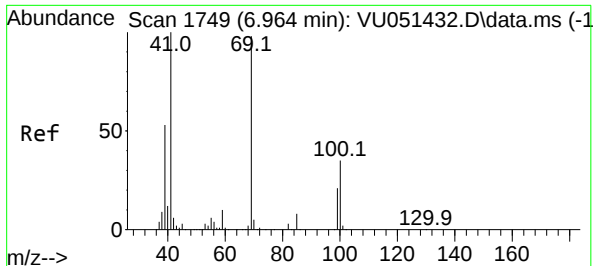
Tgt Ion:	43	Resp:	21249
Ion	Ratio	Lower	Upper
43	100		
58	34.6	21.4	64.3
85	15.7	15.4	23.0



#46
t-1,4-Dichloro-2-butene
Concen: 2.788 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. -0.010 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion:	75	Resp:	10289
Ion	Ratio	Lower	Upper
75	100		
53	30.7	61.1	91.7#
89	19.4	41.0	61.6#
88	16.6	31.8	47.8#





#47

Methyl methacrylate

Concen: 0.807 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 69 Resp: 6423

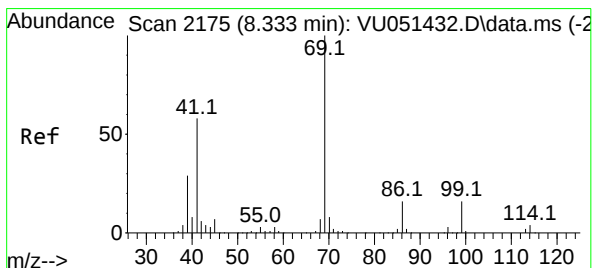
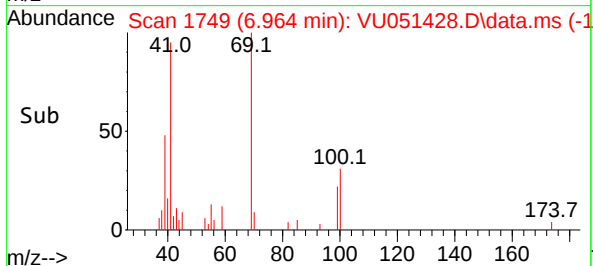
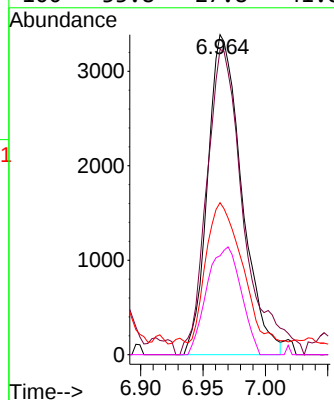
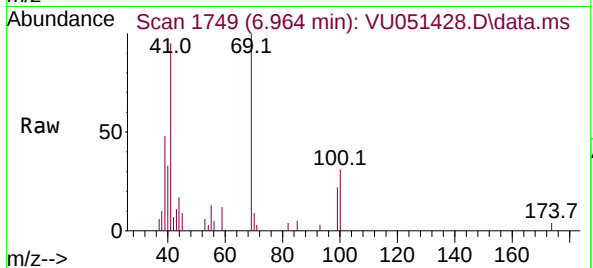
Ion Ratio Lower Upper

69 100

41 103.2 0.0 200.8

39 45.8 44.1 66.1

100 33.8 27.8 41.8



#48

Ethyl methacrylate

Concen: 0.369 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.003 min

Lab File: VU051428.D

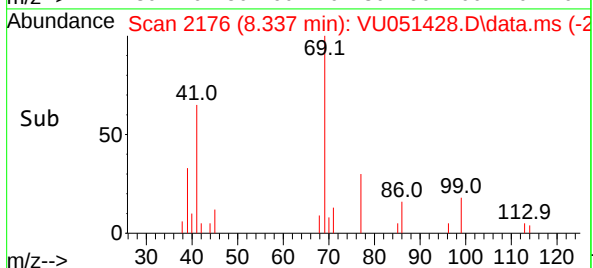
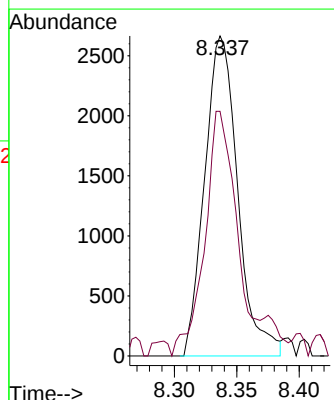
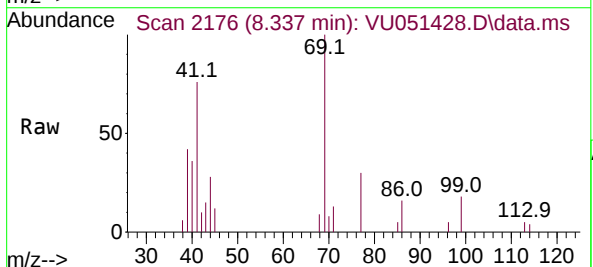
Acq: 17 Oct 2022 14:38

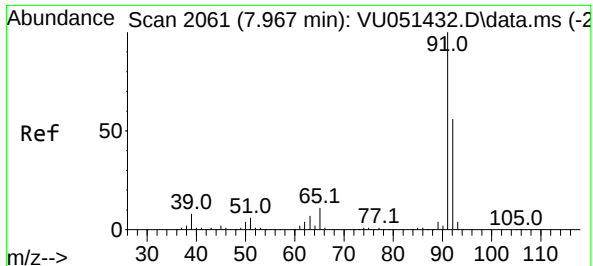
Tgt Ion: 69 Resp: 4922

Ion Ratio Lower Upper

69 100

41 73.4 28.8 86.5





#49

Toluene

Concen: 0.496 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

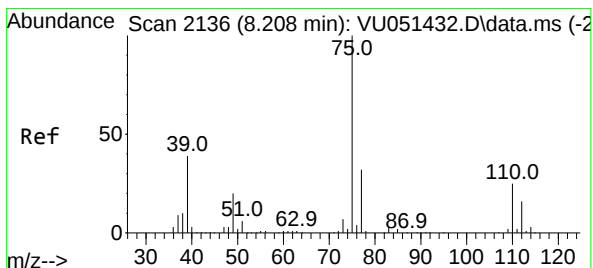
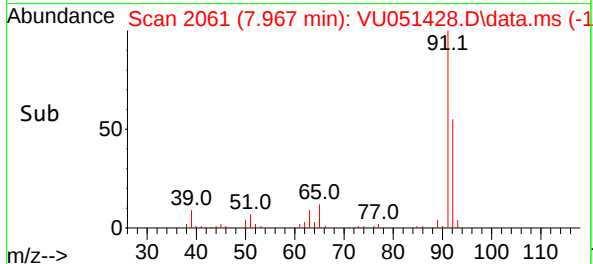
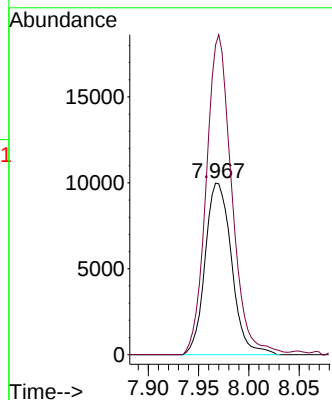
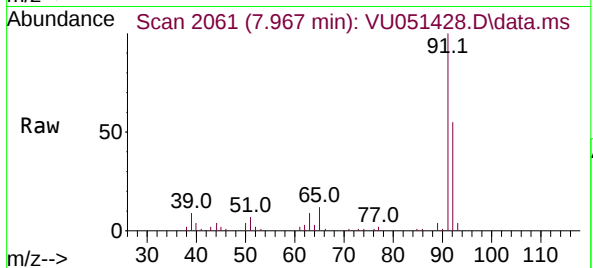
VSTDICC0.5

Tgt Ion: 92 Resp: 18300

Ion Ratio Lower Upper

92 100

91 179.7 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 0.519 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU051428.D

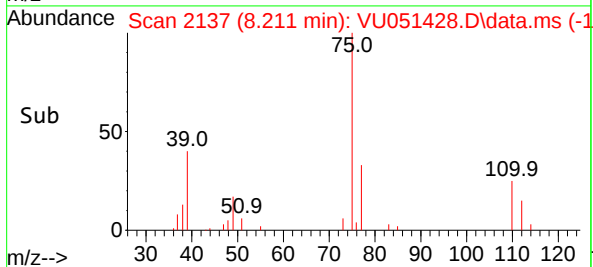
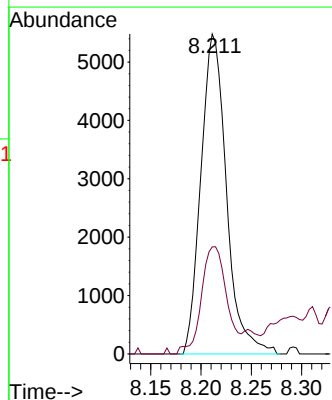
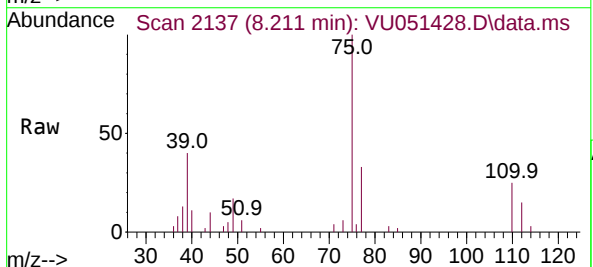
Acq: 17 Oct 2022 14:38

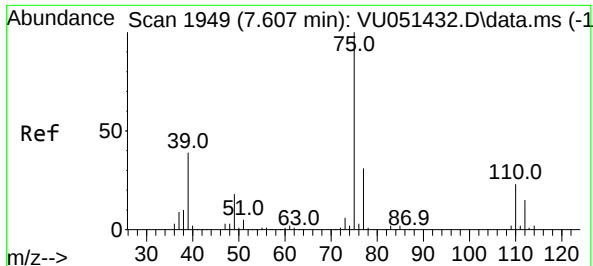
Tgt Ion: 75 Resp: 9703

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6





#51

cis-1,3-Dichloropropene

Concen: 0.549 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

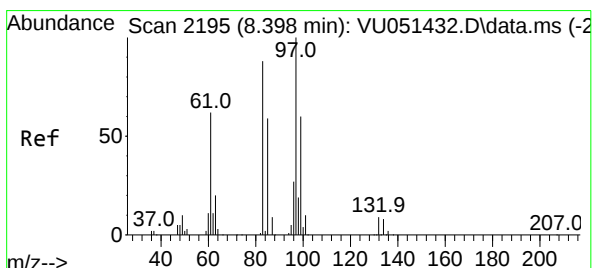
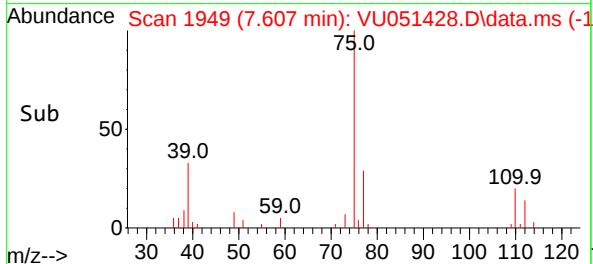
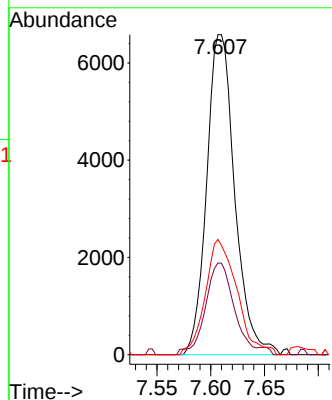
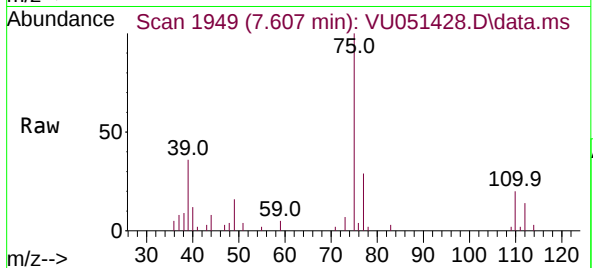
Tgt Ion: 75 Resp: 11960

Ion Ratio Lower Upper

75 100

77 28.6 25.1 37.7

39 36.0 31.4 47.0



#52

1,1,2-Trichloroethane

Concen: 0.515 ug/l

RT: 8.401 min Scan# 2196

Delta R.T. 0.003 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

Tgt Ion: 97 Resp: 7405

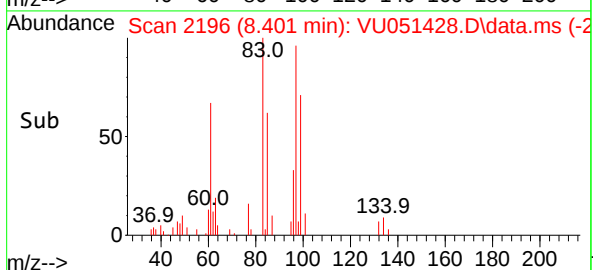
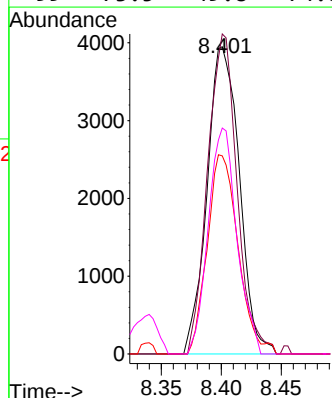
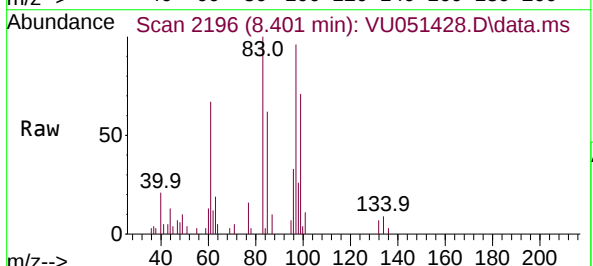
Ion Ratio Lower Upper

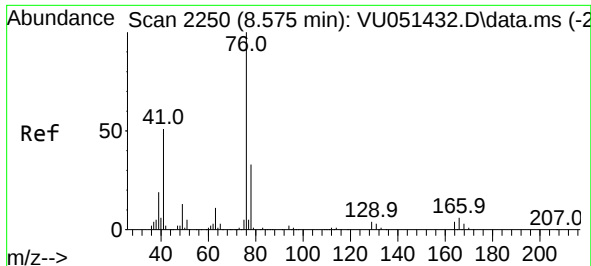
97 100

83 104.2 70.6 105.8

85 64.5 47.0 70.4

99 73.5 49.8 74.8





#53

1,3-Dichloropropane

Concen: 0.503 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

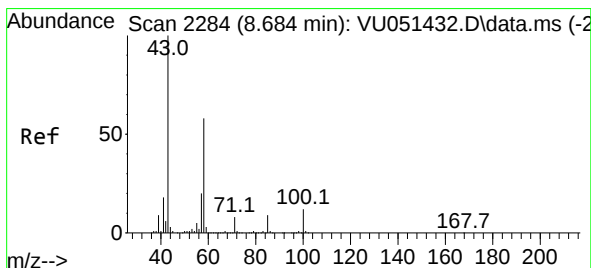
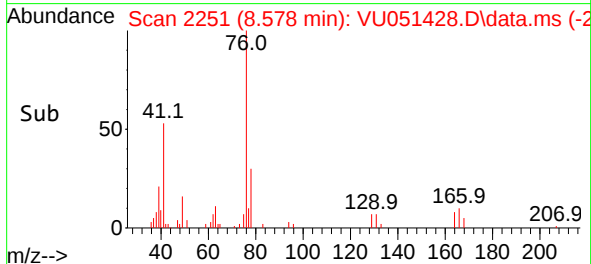
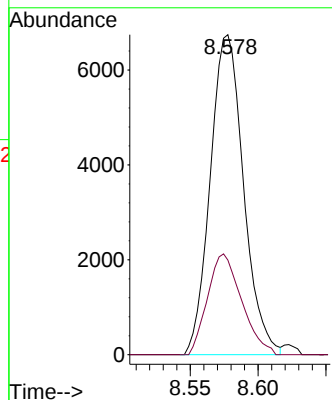
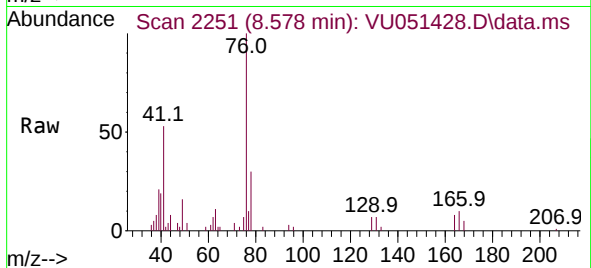
VSTDICC0.5

Tgt Ion: 76 Resp: 11520

Ion Ratio Lower Upper

76 100

78 32.3 26.4 39.6



#54

2-Hexanone

Concen: 1.791 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.006 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

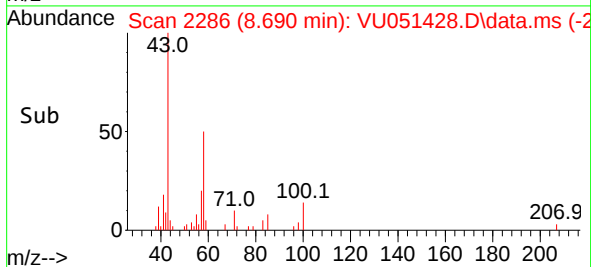
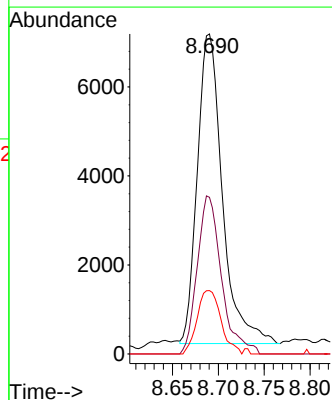
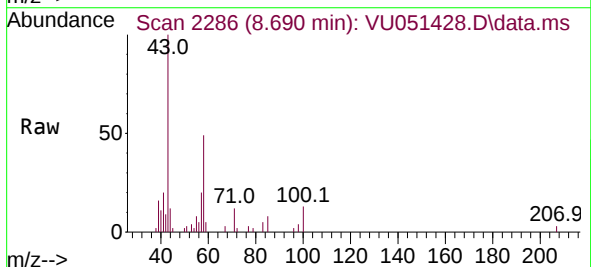
Tgt Ion: 43 Resp: 13253

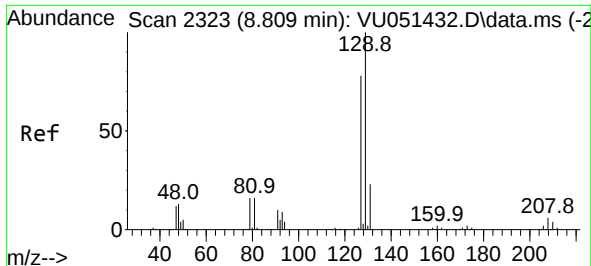
Ion Ratio Lower Upper

43 100

58 49.1 38.0 78.0

57 19.4 0.0 39.9

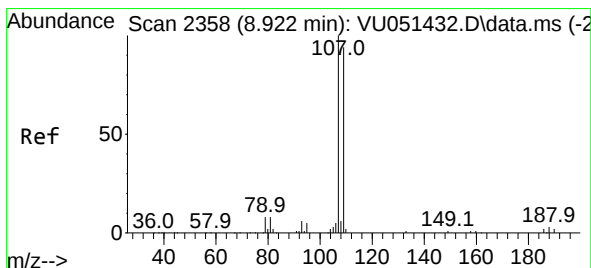
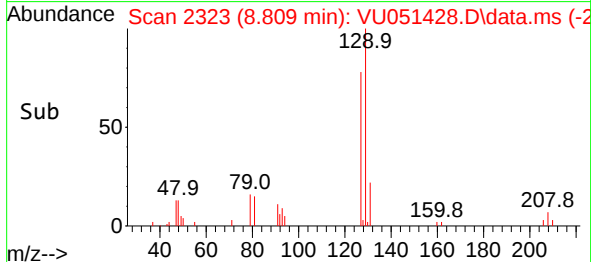
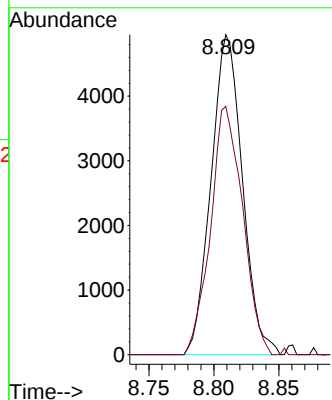
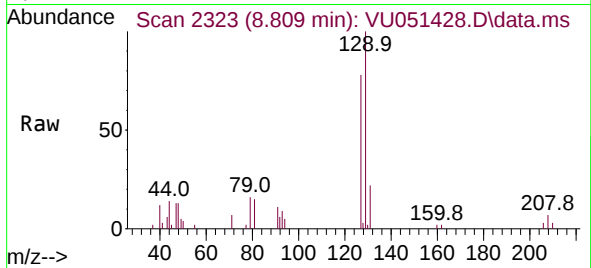




#55
Dibromochloromethane
Concen: 0.531 ug/l
RT: 8.809 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

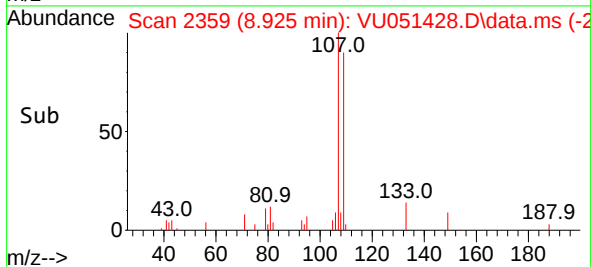
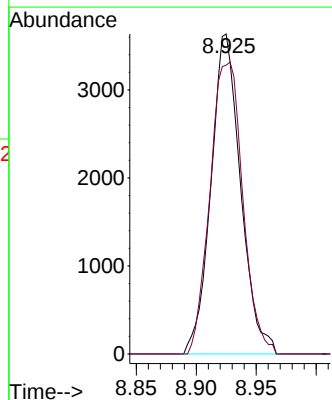
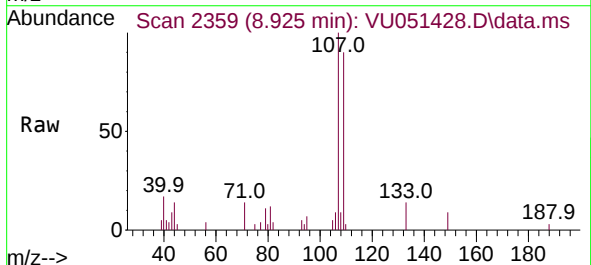
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

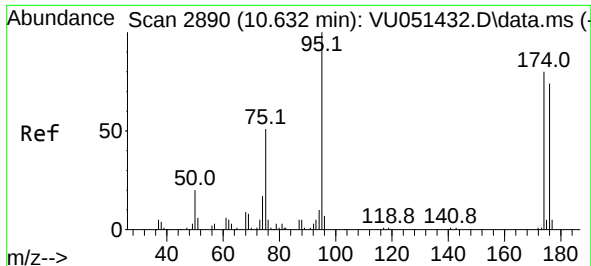
Tgt Ion:129 Resp: 8323
Ion Ratio Lower Upper
129 100
127 79.2 62.1 93.1



#56
1,2-Dibromoethane
Concen: 0.488 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion:107 Resp: 6247
Ion Ratio Lower Upper
107 100
109 100.7 0.0 190.6

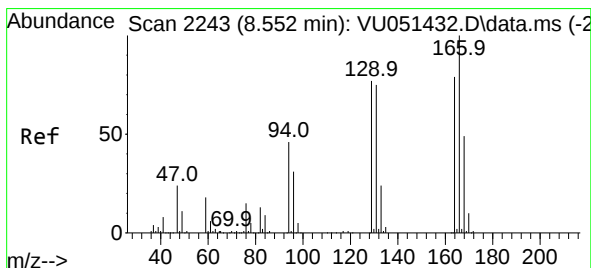
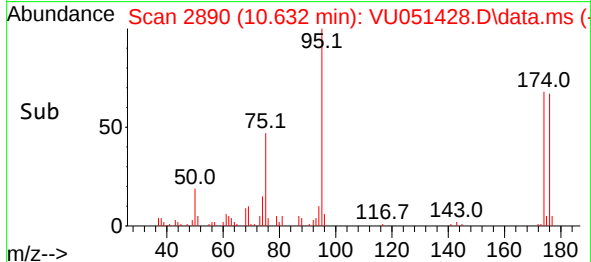
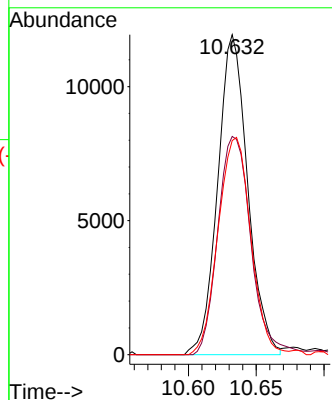
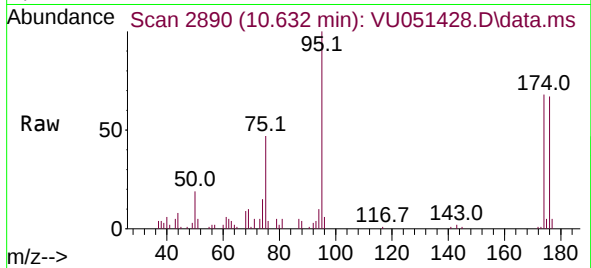




#57
4-Bromofluorobenzene
Concen: 1.009 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

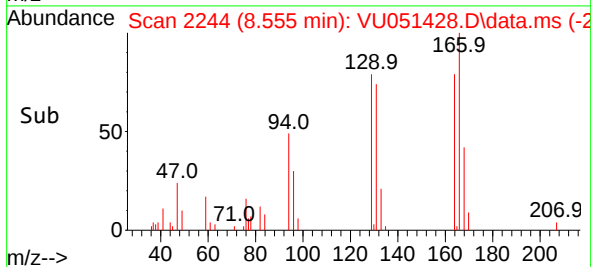
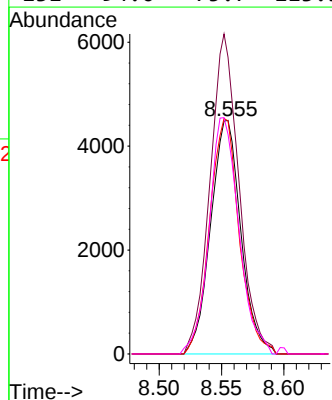
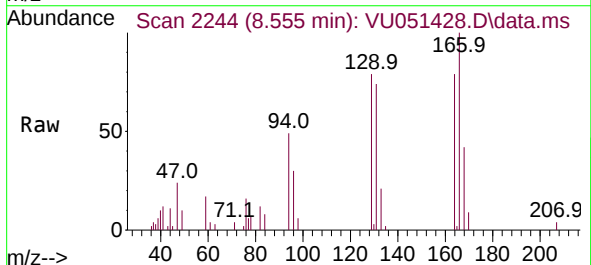
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

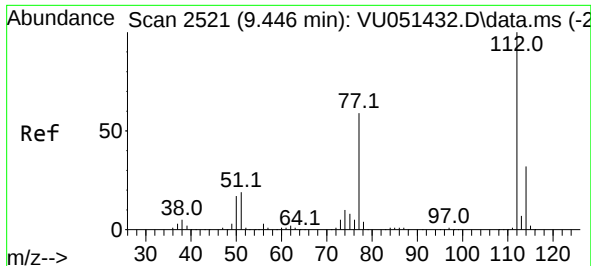
Tgt Ion: 95 Resp: 18382
Ion Ratio Lower Upper
95 100
174 75.2 63.0 94.6
176 73.9 59.8 89.6



#58
Tetrachloroethene
Concen: 0.469 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion: 164 Resp: 7562
Ion Ratio Lower Upper
164 100
166 127.0 100.9 151.3
129 99.8 77.5 116.3
131 94.0 75.7 113.5





#59

Chlorobenzene

Concen: 0.527 ug/l

RT: 9.449 min Scan# 21439

Delta R.T. 0.003 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

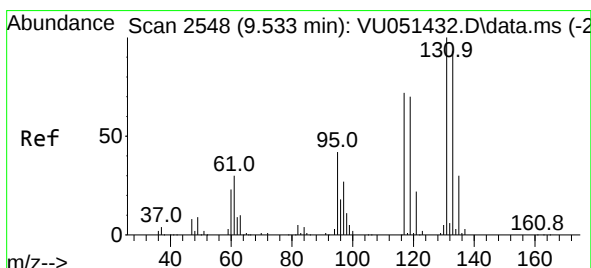
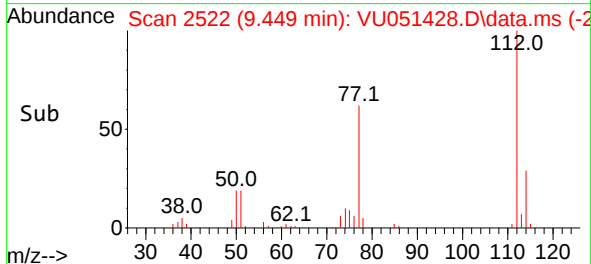
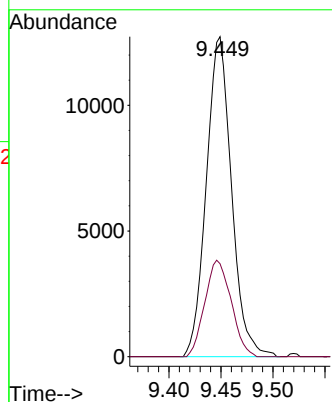
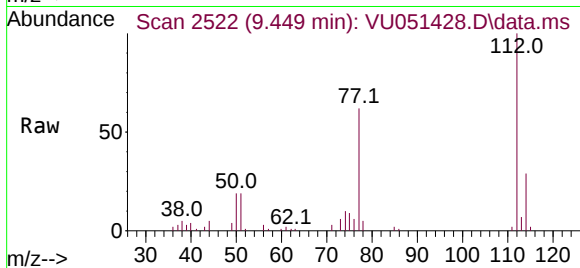
VSTDICC0.5

Tgt Ion:112 Resp: 21439

Ion Ratio Lower Upper

112 100

114 29.0 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 0.597 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. -0.000 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

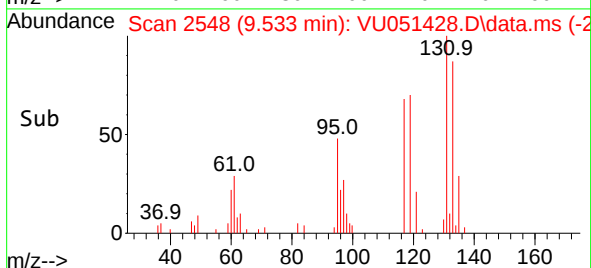
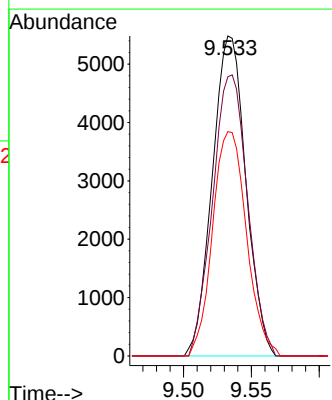
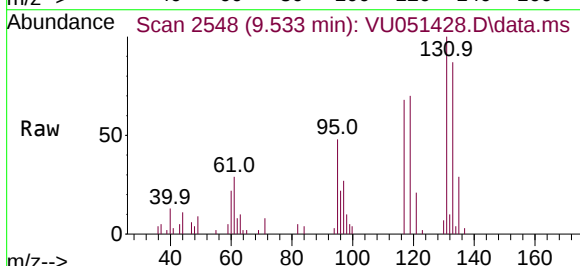
Tgt Ion:131 Resp: 9445

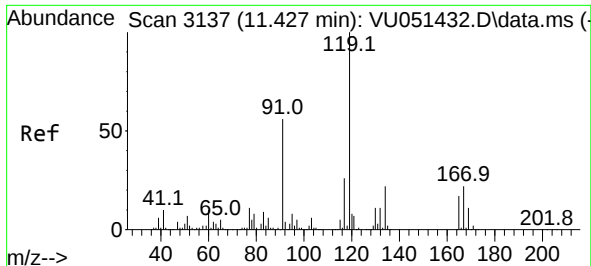
Ion Ratio Lower Upper

131 100

133 91.4 76.5 114.7

119 70.8 56.5 84.7

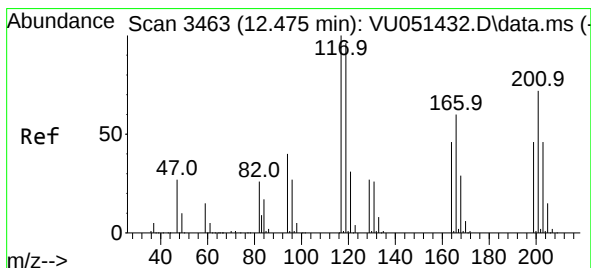
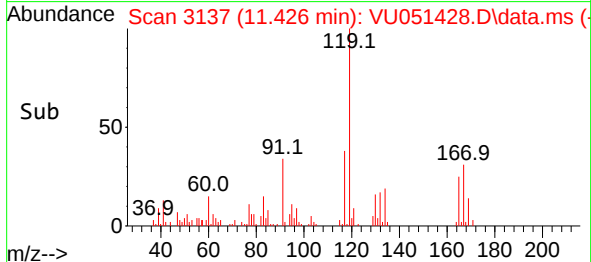
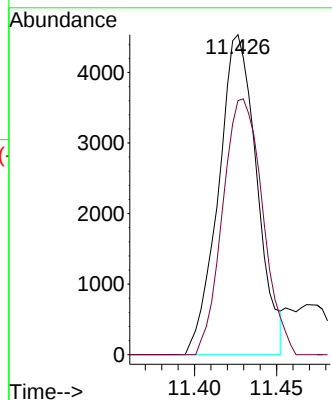
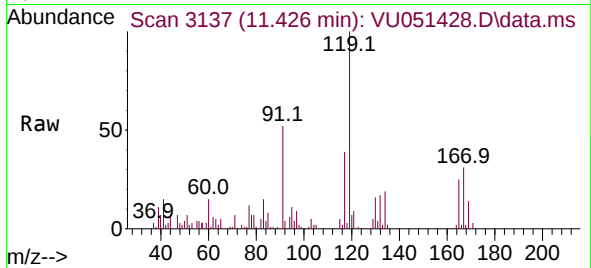




#61
 Pentachloroethane
 Concen: 0.637 ug/l
 RT: 11.426 min Scan# 3137
 Delta R.T. -0.000 min
 Lab File: VU051428.D
 Acq: 17 Oct 2022 14:38

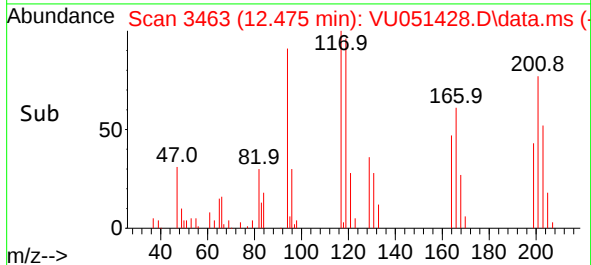
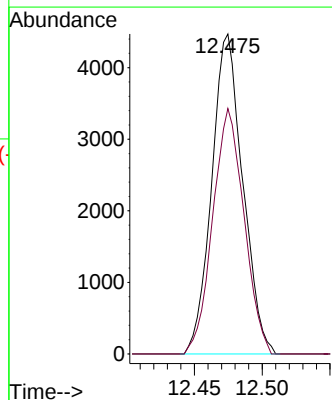
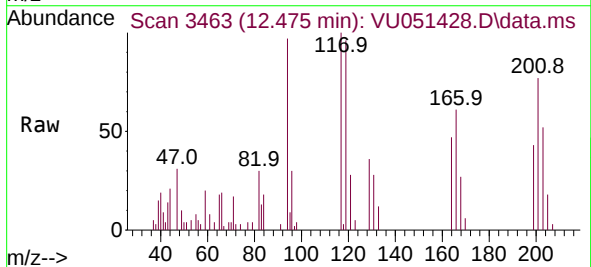
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

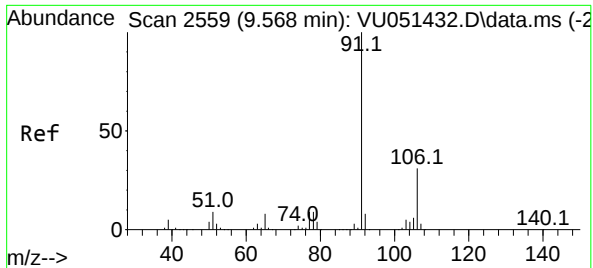
Tgt Ion:117 Resp: 7370
 Ion Ratio Lower Upper
 117 100
 167 83.3 63.3 94.9



#62
 Hexachloroethane
 Concen: 0.557 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. -0.000 min
 Lab File: VU051428.D
 Acq: 17 Oct 2022 14:38

Tgt Ion:117 Resp: 7114
 Ion Ratio Lower Upper
 117 100
 201 77.3 57.4 86.2

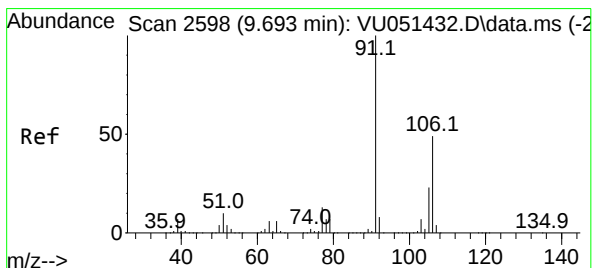
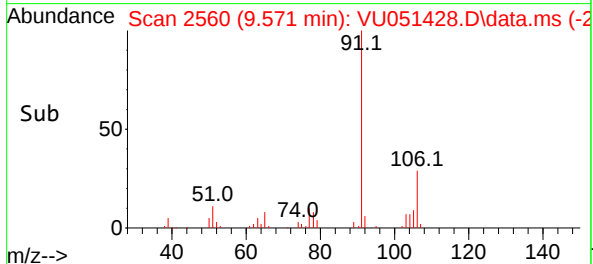
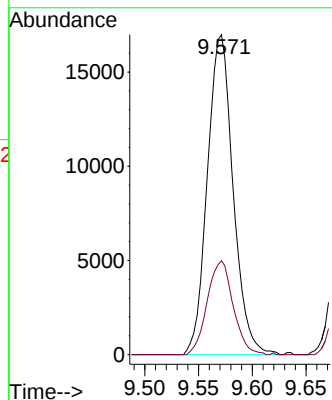
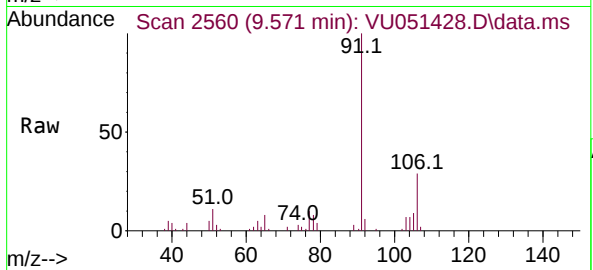




#63
Ethyl Benzene
Concen: 0.453 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

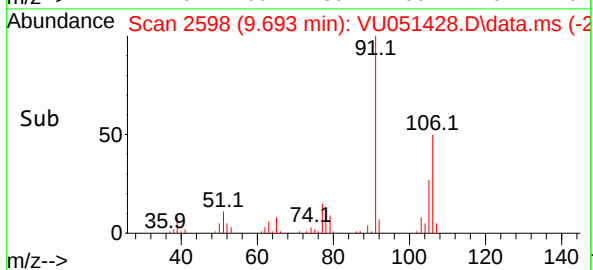
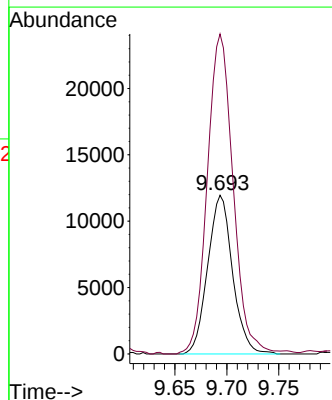
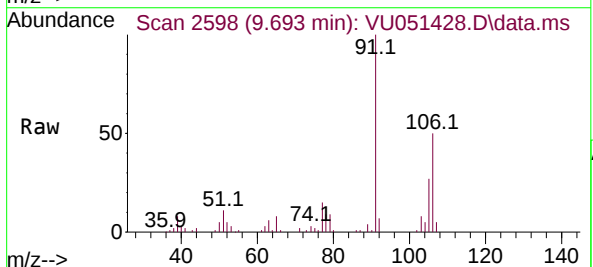
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

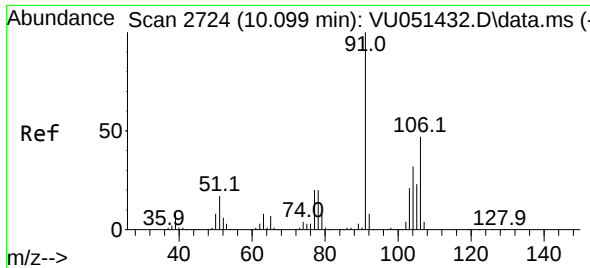
Tgt Ion: 91 Resp: 28297
Ion Ratio Lower Upper
91 100
106 29.4 24.9 37.3



#64
m/p-Xylenes
Concen: 0.806 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion: 106 Resp: 19901
Ion Ratio Lower Upper
106 100
91 208.9 163.2 244.8

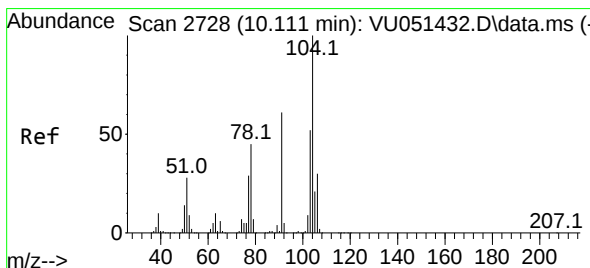
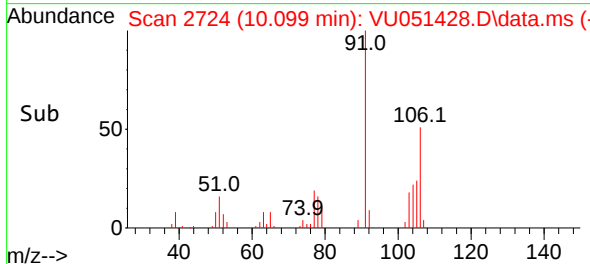
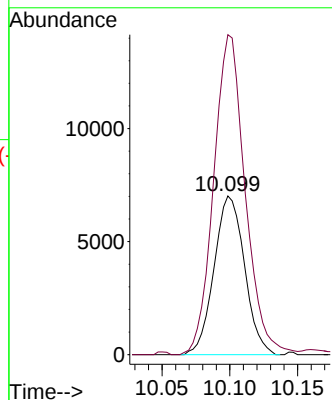
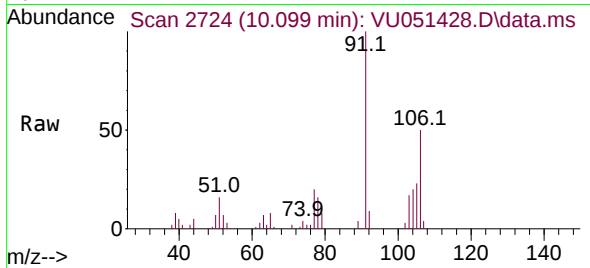




#65
o-Xylene
Concen: 0.456 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

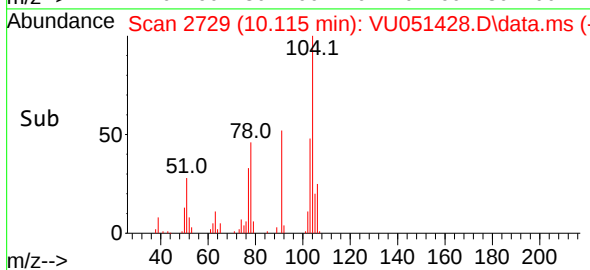
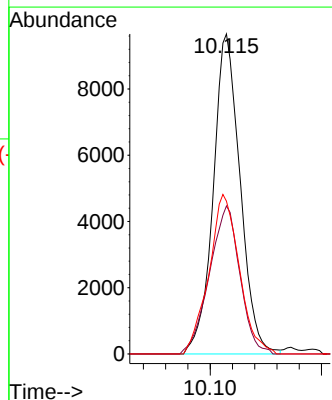
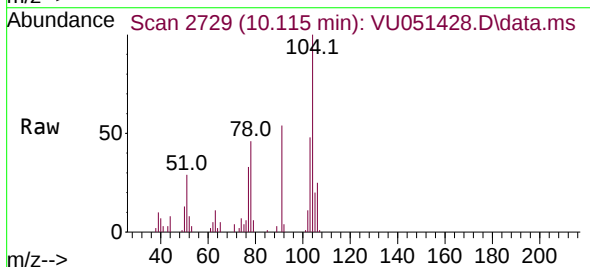
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

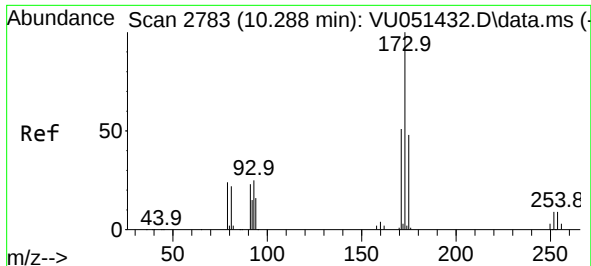
Tgt Ion:106 Resp: 10962
Ion Ratio Lower Upper
106 100
91 208.7 107.1 321.3



#66
Styrene
Concen: 0.409 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion:104 Resp: 16215
Ion Ratio Lower Upper
104 100
78 52.1 39.7 59.5
103 56.3 44.4 66.6

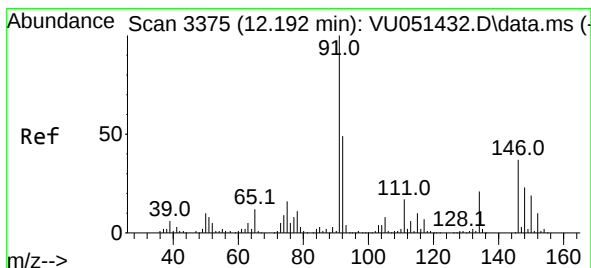
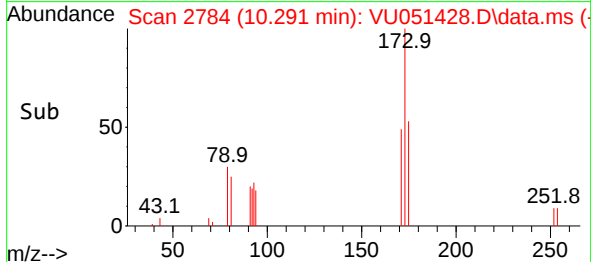
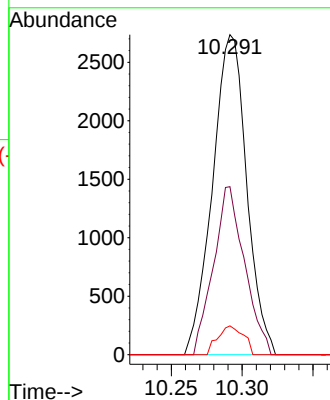
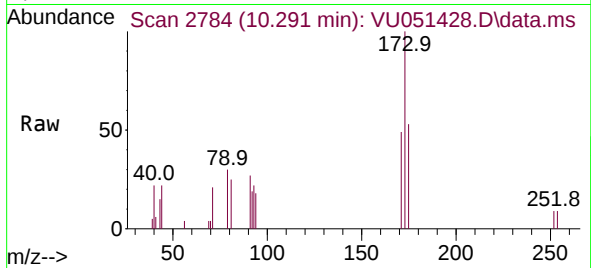




#67
Bromoform
Concen: 0.508 ug/l
RT: 10.291 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

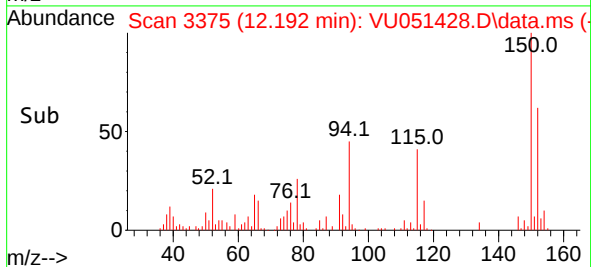
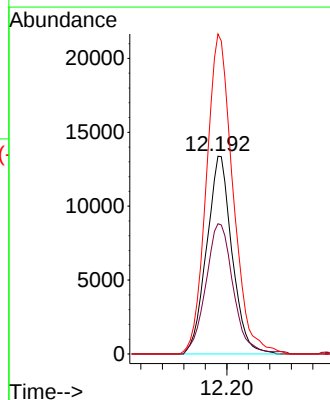
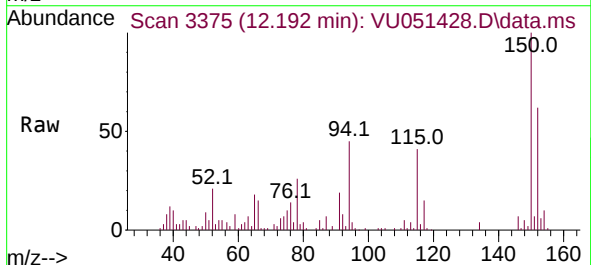
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

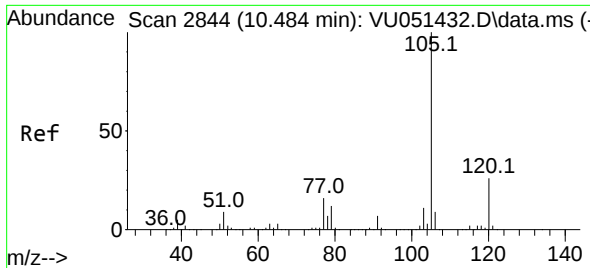
Tgt Ion:173 Resp: 4585
Ion Ratio Lower Upper
173 100
175 47.9 38.6 58.0
254 6.8 7.3 10.9#



#68
1,2-Dichlorobenzene-d4
Concen: 1.079 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion:152 Resp: 21863
Ion Ratio Lower Upper
152 100
115 71.0 0.0 333.0
150 169.8 0.0 662.0

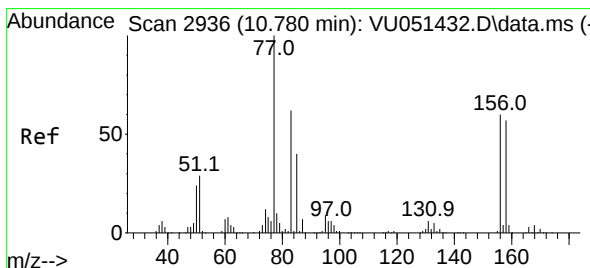
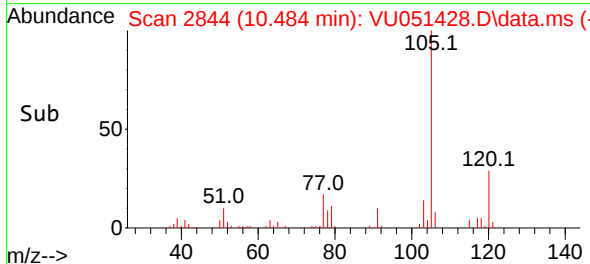
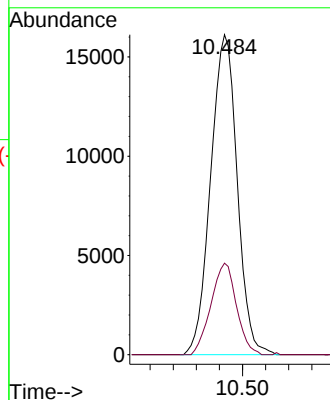
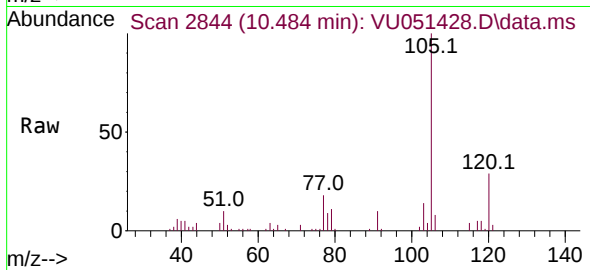




#69
Isopropylbenzene
Concen: 0.431 ug/l
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

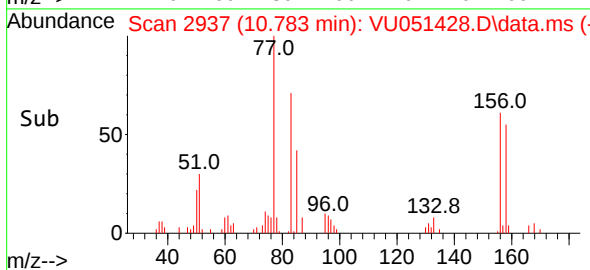
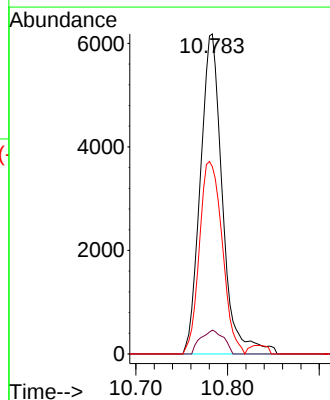
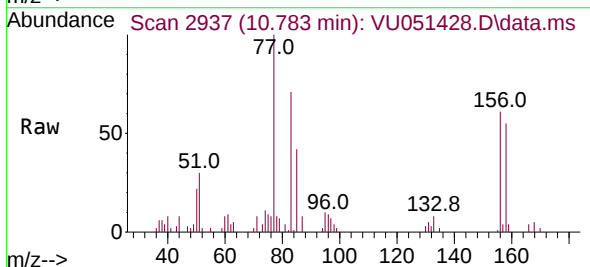
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

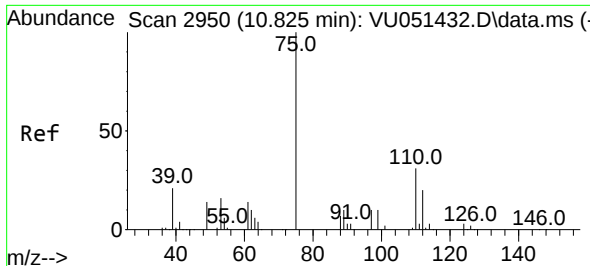
Tgt Ion:105 Resp: 25722
Ion Ratio Lower Upper
105 100
120 27.4 13.0 39.0



#70
1,1,2,2-Tetrachloroethane
Concen: 0.555 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion: 83 Resp: 10323
Ion Ratio Lower Upper
83 100
131 7.8 7.2 10.8
85 62.2 51.4 77.2

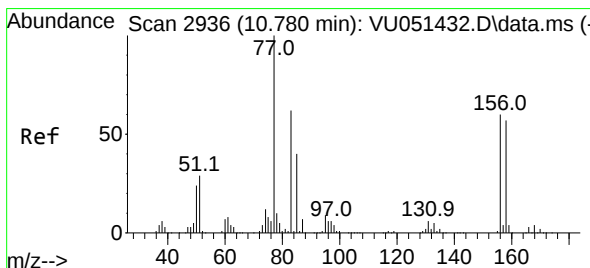
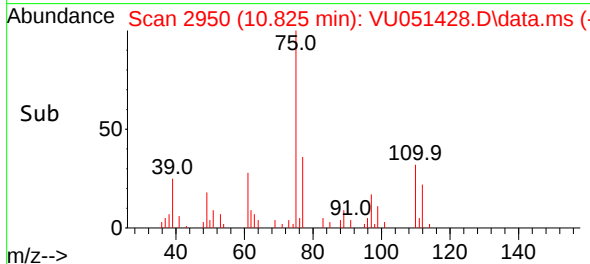
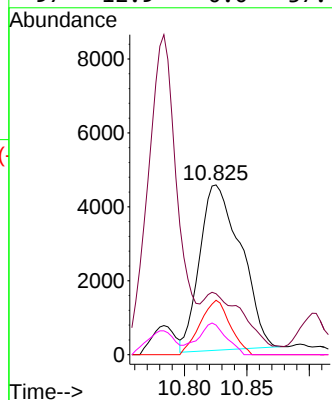
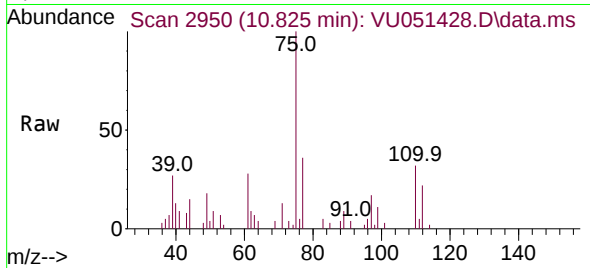




#71
1,2,3-Trichloropropane
Concen: 0.695 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

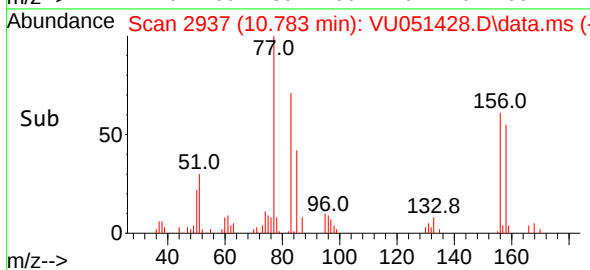
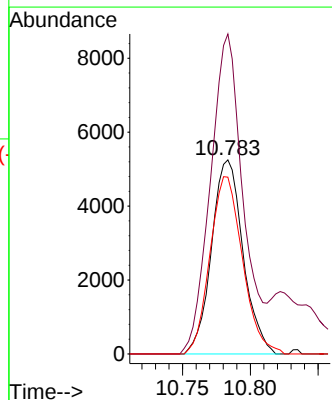
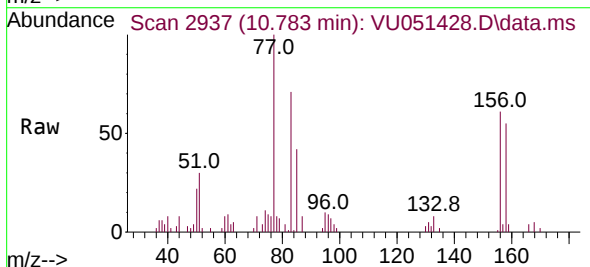
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

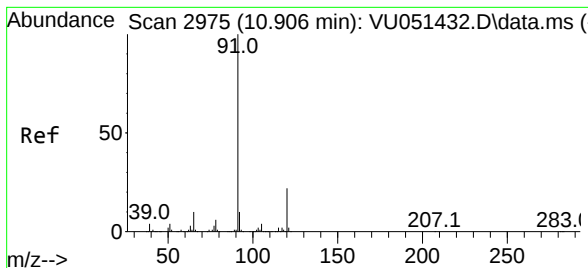
Tgt Ion:	75	Resp:	10289
Ion	Ratio	Lower	Upper
75	100		
77	19.1	0.0	111.0
110	23.9	0.0	70.2
97	12.9	0.0	37.4



#72
Bromobenzene
Concen: 0.524 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion:	156	Resp:	8471
Ion	Ratio	Lower	Upper
156	100		
77	171.7	0.0	343.4
158	94.5	0.0	195.6





#73

n-propylbenzene

Concen: 0.403 ug/l

RT: 10.906 min Scan# 2975

Delta R.T. -0.000 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

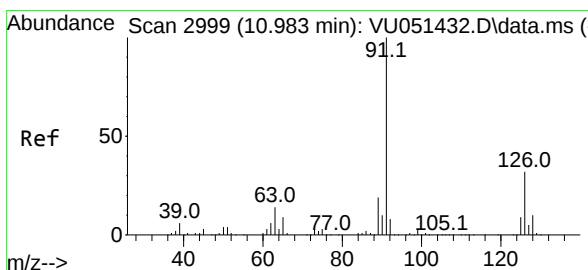
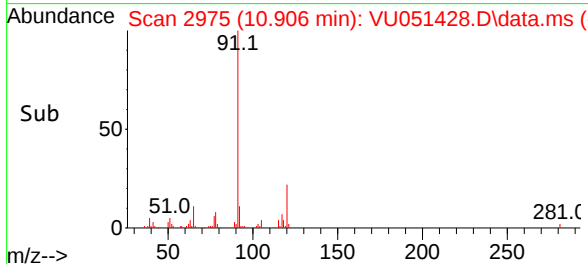
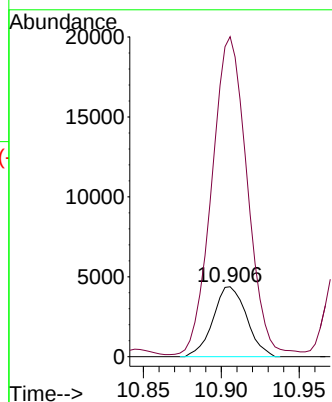
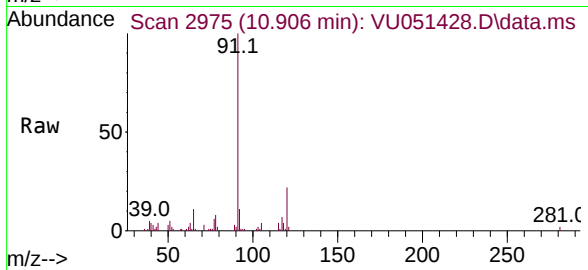
VSTDIC0.5

Tgt Ion:120 Resp: 6541

Ion Ratio Lower Upper

120 100

91 479.0 362.3 543.5



#74

2-Chlorotoluene

Concen: 0.450 ug/l

RT: 10.986 min Scan# 3000

Delta R.T. 0.003 min

Lab File: VU051428.D

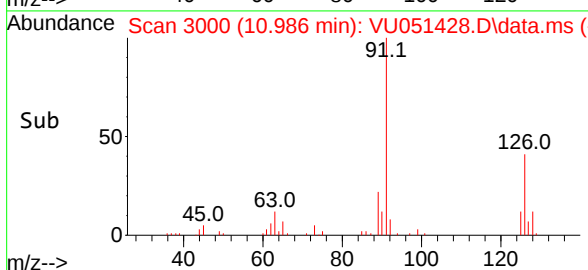
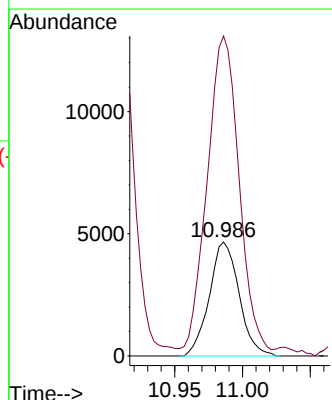
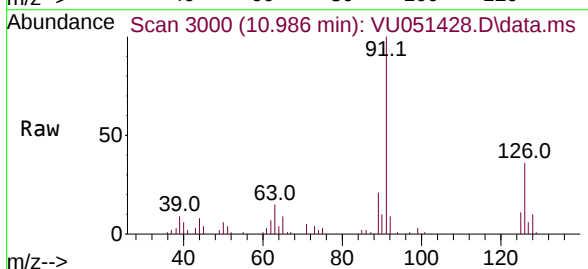
Acq: 17 Oct 2022 14:38

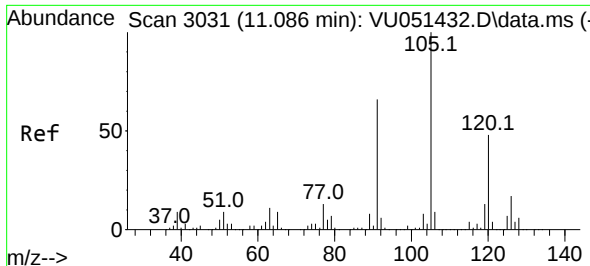
Tgt Ion:126 Resp: 7103

Ion Ratio Lower Upper

126 100

91 293.4 0.0 623.2

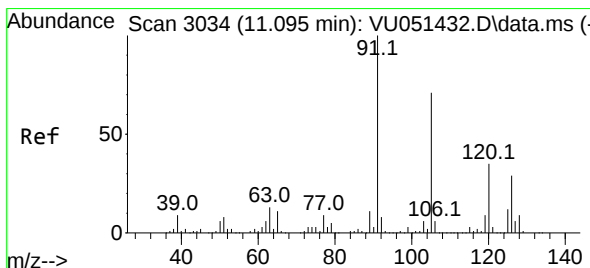
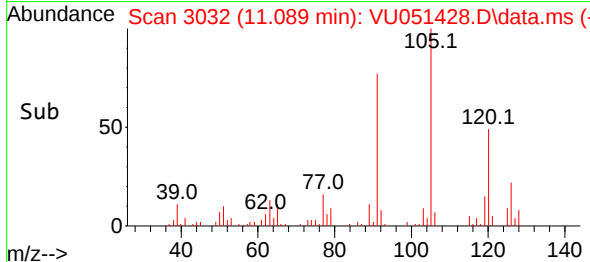
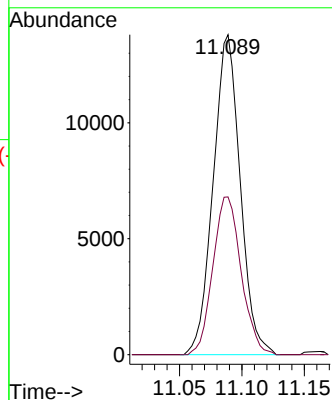
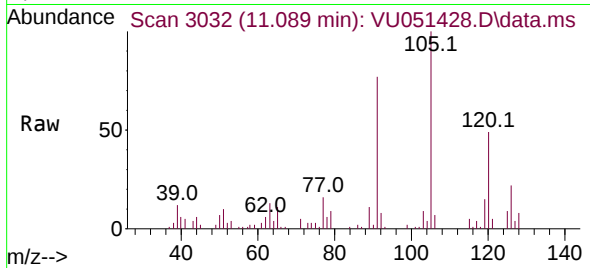




#75
1,3,5-Trimethylbenzene
Concen: 0.392 ug/l
RT: 11.089 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

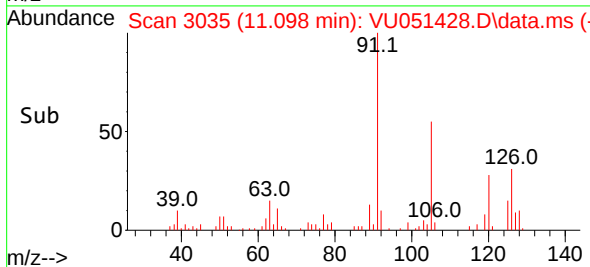
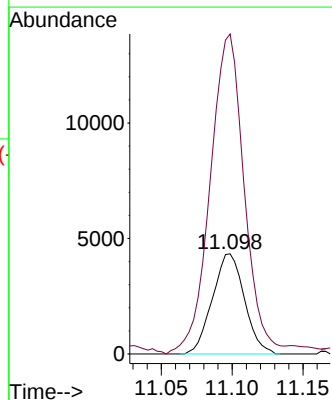
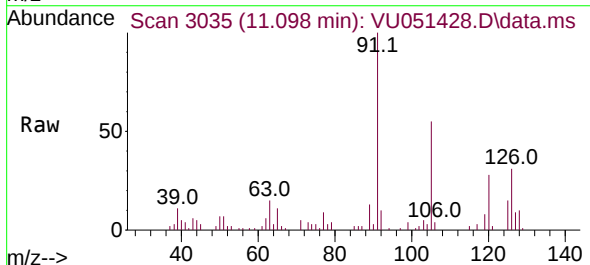
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

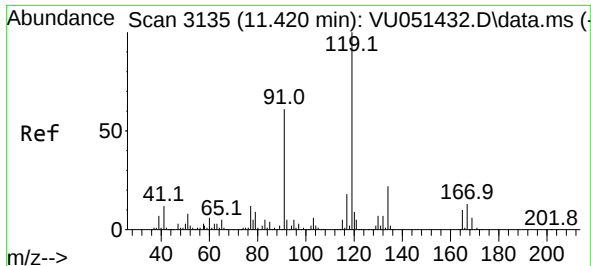
Tgt Ion:105 Resp: 20819
Ion Ratio Lower Upper
105 100
120 51.6 38.2 57.4



#76
4-Chlorotoluene
Concen: 0.436 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion:126 Resp: 6816
Ion Ratio Lower Upper
126 100
91 339.6 0.0 717.6

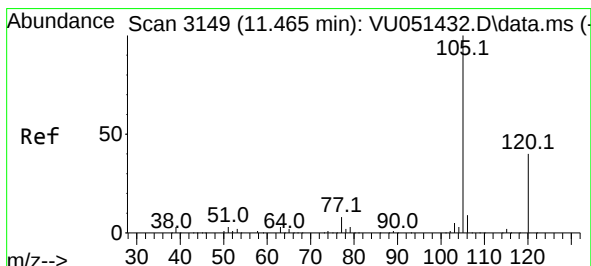
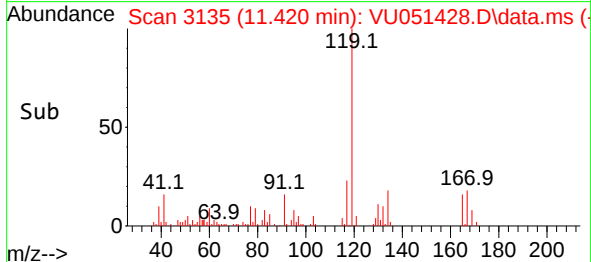
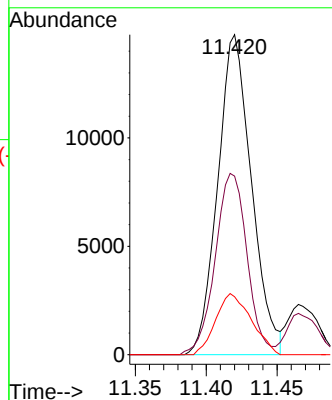
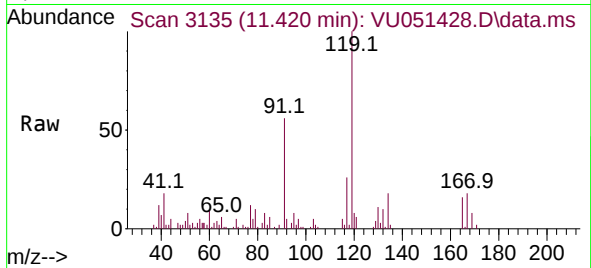




#77
tert-Butylbenzene
Concen: 0.494 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

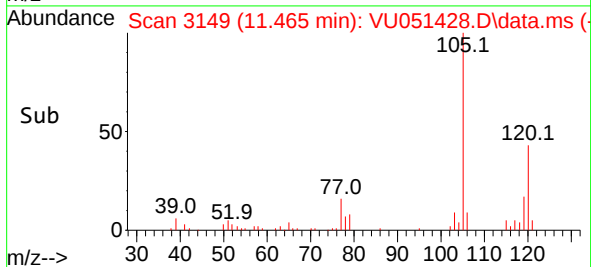
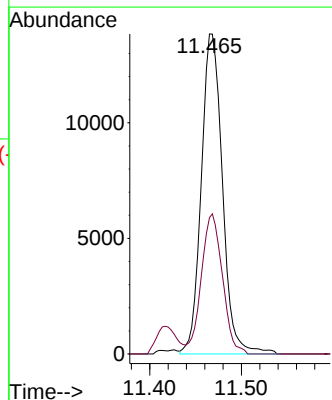
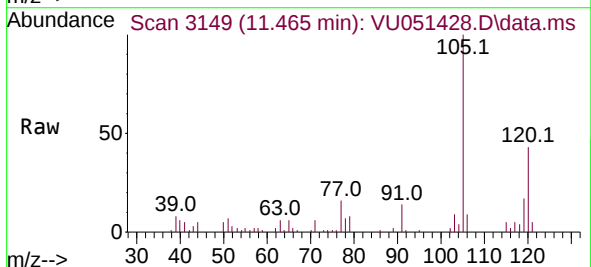
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

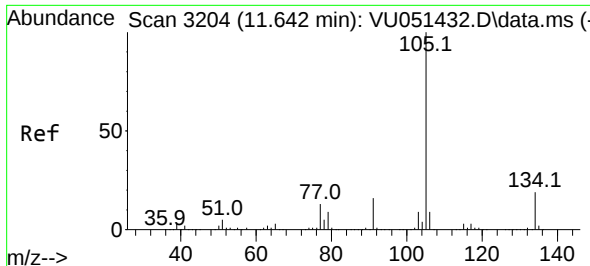
Tgt Ion:119 Resp: 24470
Ion Ratio Lower Upper
119 100
91 53.6 29.8 89.5
134 20.2 17.9 26.9



#78
1,2,4-Trimethylbenzene
Concen: 0.406 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion:105 Resp: 22224
Ion Ratio Lower Upper
105 100
120 43.5 22.1 66.3

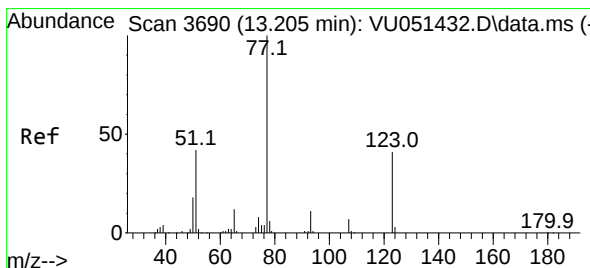
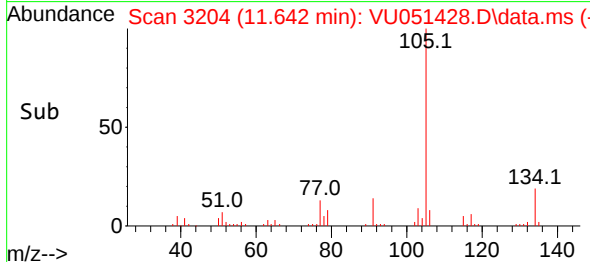
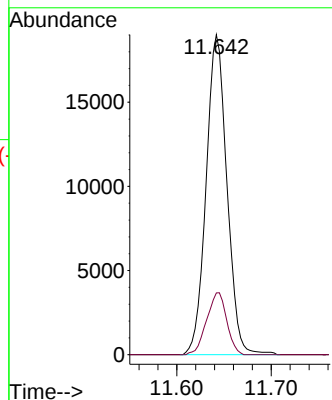
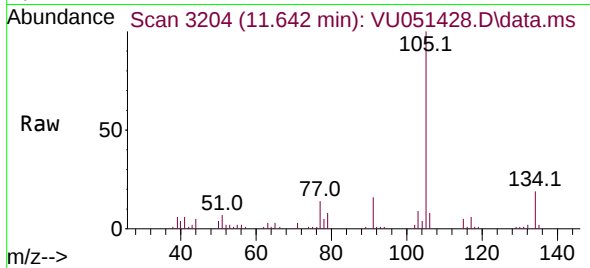




#79
 sec-Butylbenzene
 Concen: 0.427 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU051428.D
 Acq: 17 Oct 2022 14:38

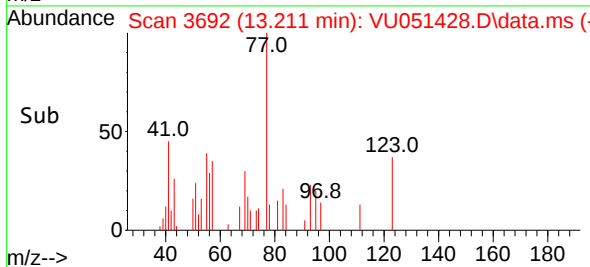
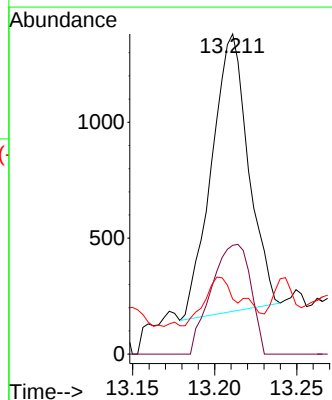
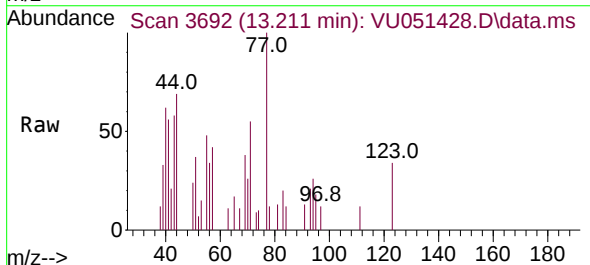
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

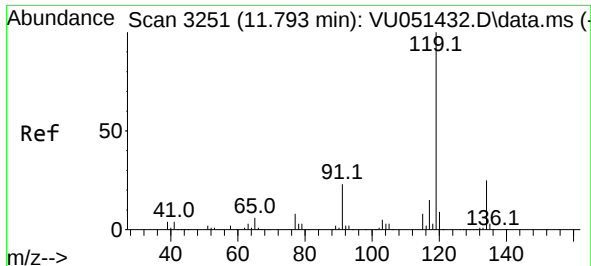
Tgt Ion:105 Resp: 29075
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.2 22.8



#80
 Nitrobenzene
 Concen: 1.819 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.006 min
 Lab File: VU051428.D
 Acq: 17 Oct 2022 14:38

Tgt Ion: 77 Resp: 1872
 Ion Ratio Lower Upper
 77 100
 123 42.0 17.5 62.1
 65 8.0 11.1 14.1#





#81

p-Isopropyltoluene

Concen: 0.395 ug/l

RT: 11.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

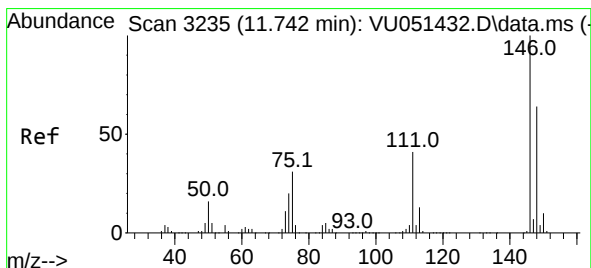
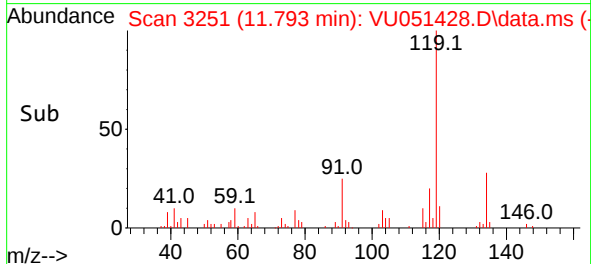
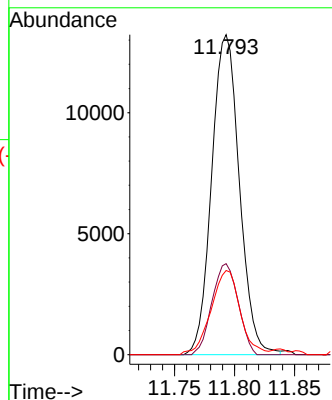
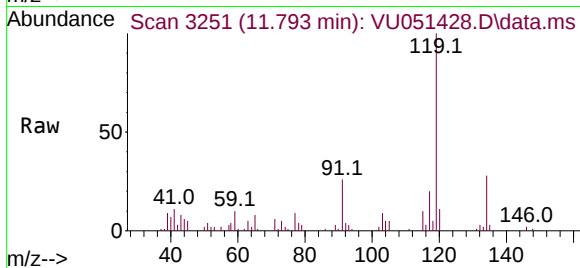
Tgt Ion:119 Resp: 21241

Ion Ratio Lower Upper

119 100

134 26.8 20.3 30.5

91 27.5 18.6 27.8



#82

1,3-Dichlorobenzene

Concen: 0.525 ug/l

RT: 11.745 min Scan# 3236

Delta R.T. 0.003 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

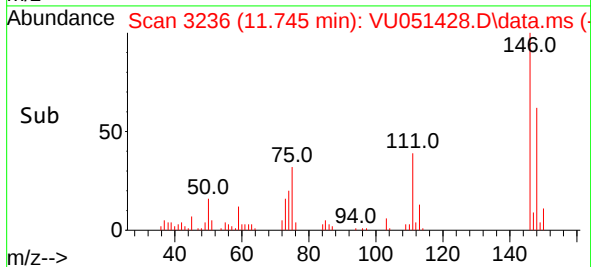
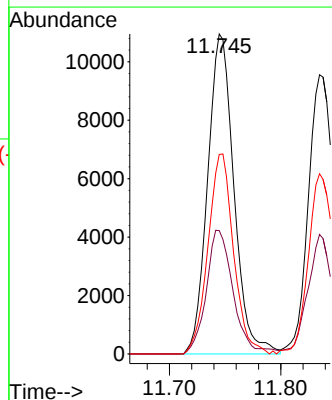
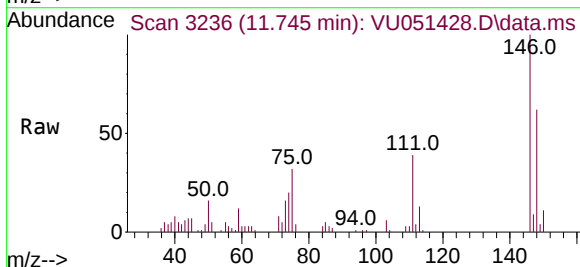
Tgt Ion:146 Resp: 17966

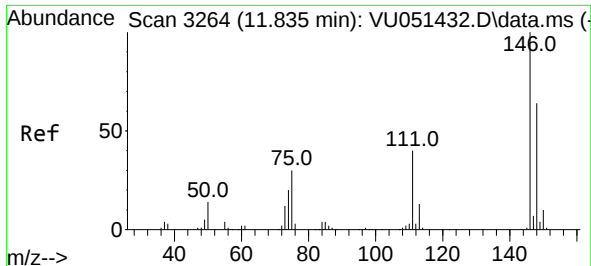
Ion Ratio Lower Upper

146 100

111 39.5 33.4 50.0

148 60.7 51.0 76.6

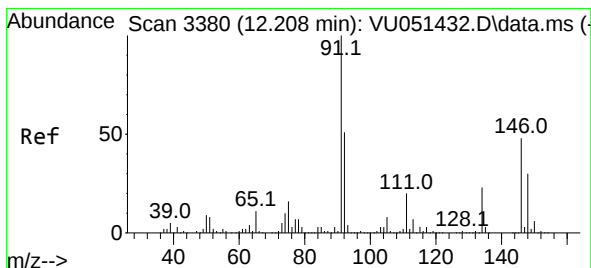
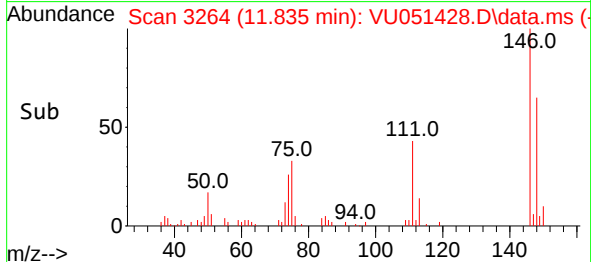
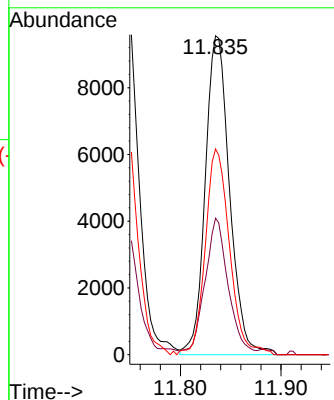
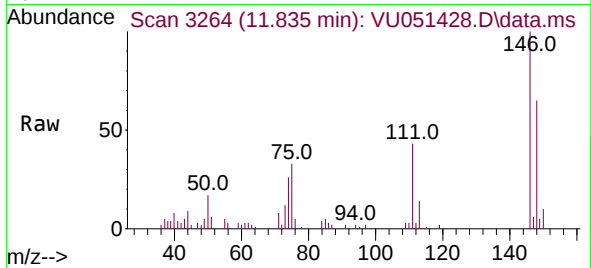




#83
1,4-Dichlorobenzene
Concen: 0.475 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

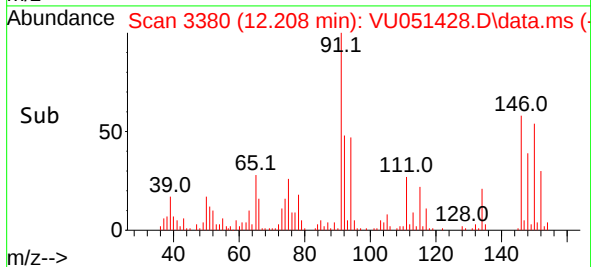
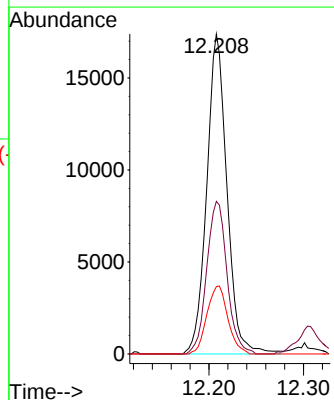
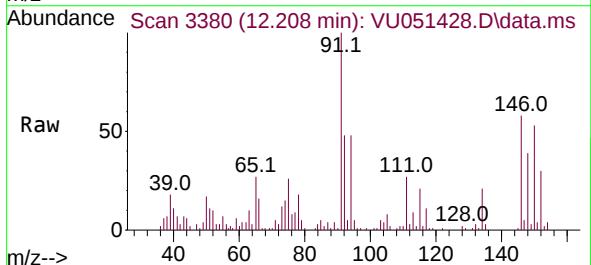
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

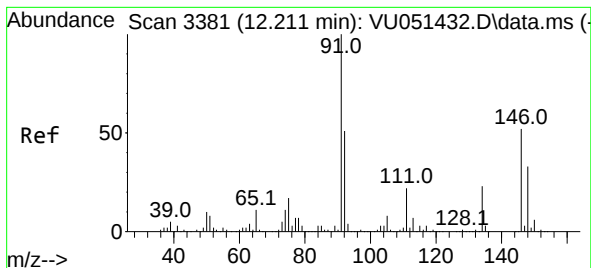
Tgt Ion:146 Resp: 16066
Ion Ratio Lower Upper
146 100
111 38.6 31.6 47.4
148 64.3 50.5 75.7



#84
n-Butylbenzene
Concen: 0.510 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion: 91 Resp: 25805
Ion Ratio Lower Upper
91 100
92 48.1 40.6 61.0
134 22.1 18.3 27.5





#85

1,2-Dichlorobenzene

Concen: 0.554 ug/l

RT: 12.214 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

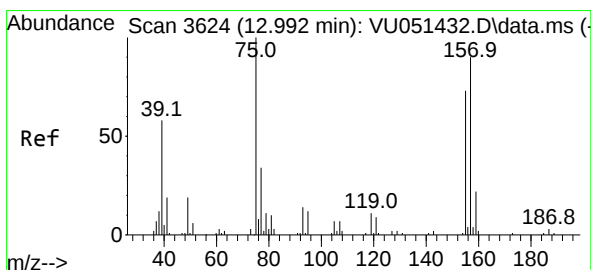
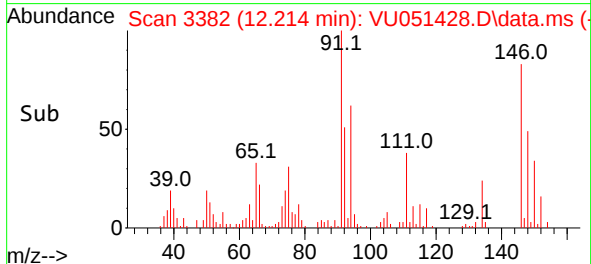
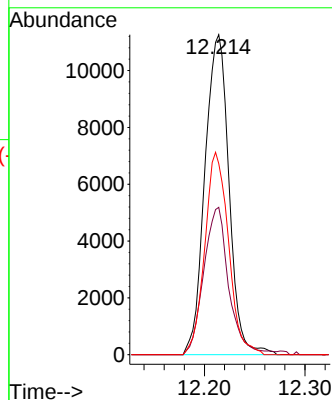
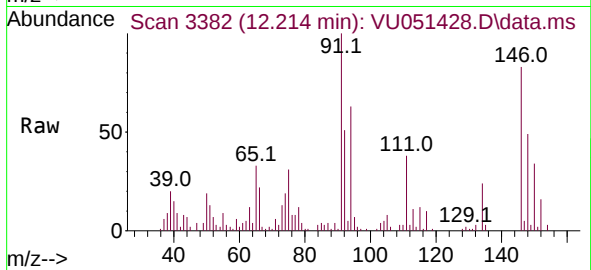
Tgt Ion:146 Resp: 18722

Ion Ratio Lower Upper

146 100

111 48.0 21.3 63.9

148 62.4 31.8 95.4



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.504 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU051428.D

Acq: 17 Oct 2022 14:38

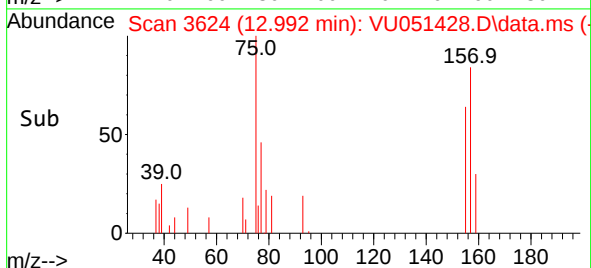
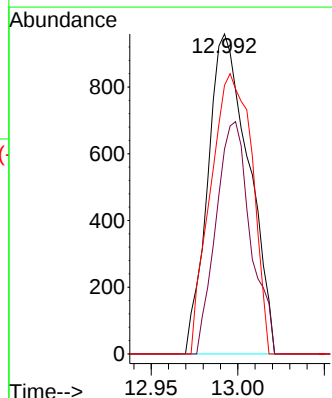
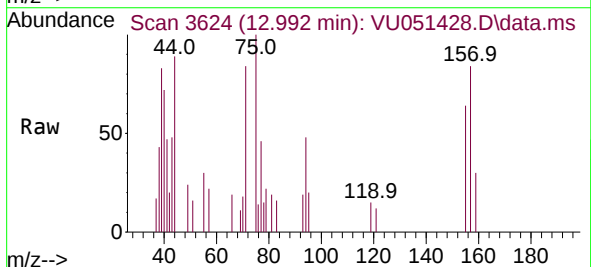
Tgt Ion: 75 Resp: 1574

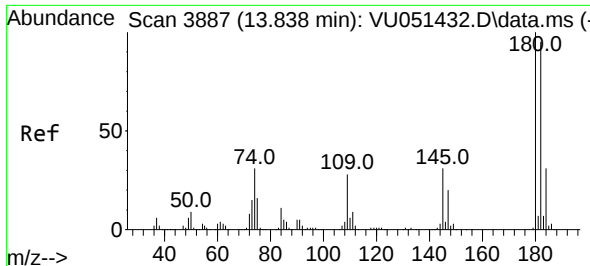
Ion Ratio Lower Upper

75 100

155 61.6 58.5 87.7

157 88.9 75.3 112.9

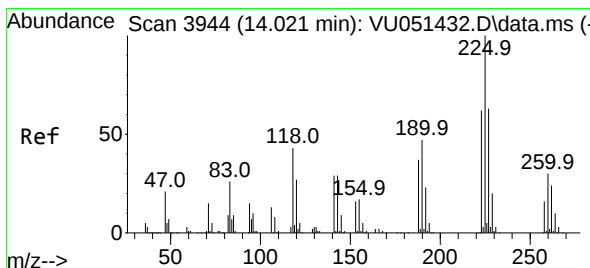
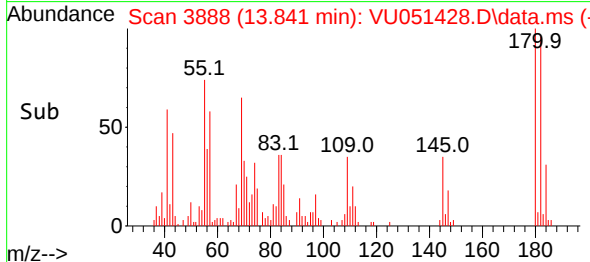
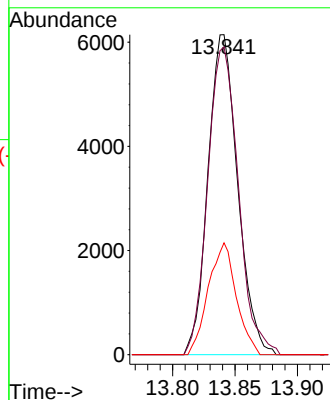
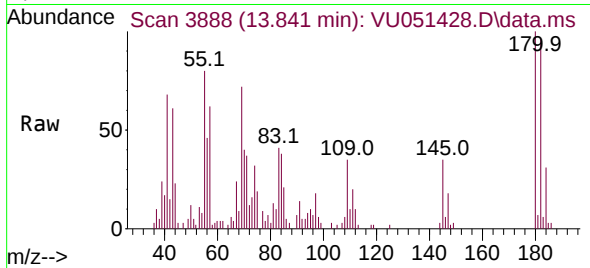




#87
1,2,4-Trichlorobenzene
Concen: 0.558 ug/l
RT: 13.841 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

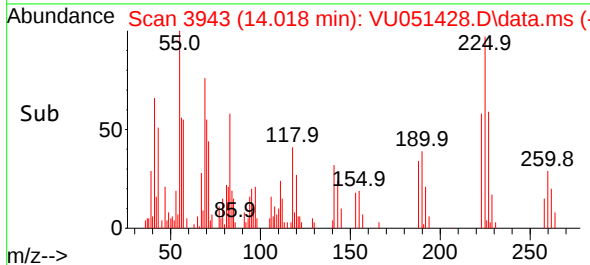
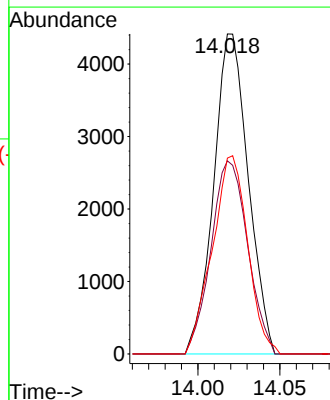
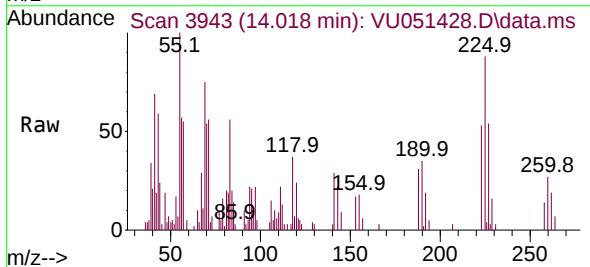
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

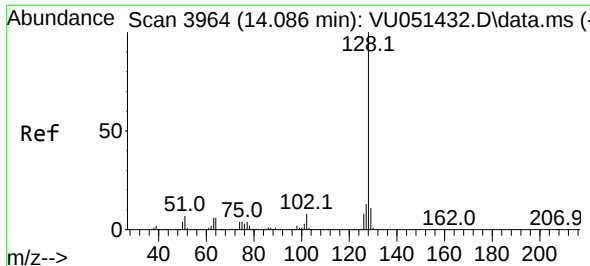
Tgt Ion:180 Resp: 10218
Ion Ratio Lower Upper
180 100
182 99.0 75.9 113.9
145 32.8 24.9 37.3



#88
Hexachlorobutadiene
Concen: 0.548 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion:225 Resp: 6462
Ion Ratio Lower Upper
225 100
223 64.0 50.1 75.1
227 63.3 51.4 77.2

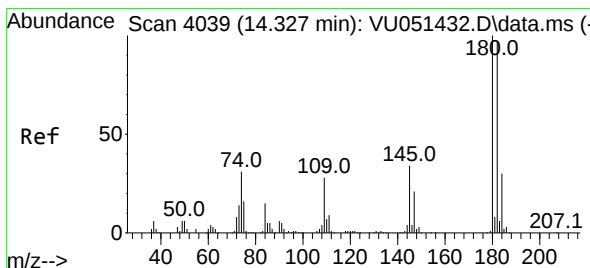
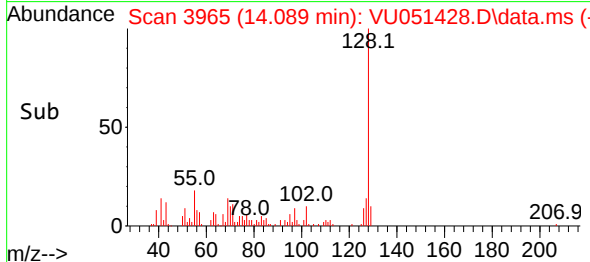
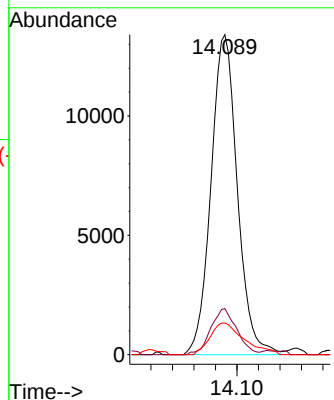
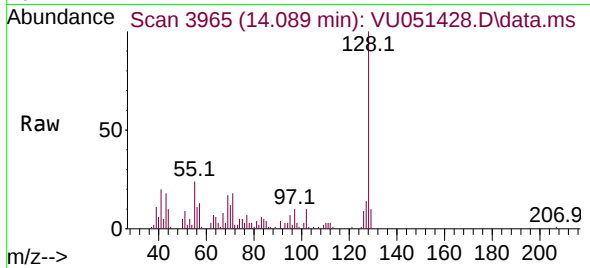




#89
Naphthalene
Concen: 0.667 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:	128	Resp:	22835
Ion Ratio	Lower	Upper	
128	100		
127	14.3	10.7	16.1
129	12.8	8.4	12.6#



#90
1,2,3-Trichlorobenzene
Concen: 0.600 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051428.D
Acq: 17 Oct 2022 14:38

Tgt Ion:	180	Resp:	11769
Ion Ratio	Lower	Upper	
180	100		
182	96.3	75.8	113.6
145	32.3	26.6	39.8

