

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022823\
 Data File : VU053163.D
 Acq On : 28 Feb 2023 09:37
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Quant Time: Mar 01 03:31:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 03:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.109	96	25849	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	13652	1.252	ug/l	0.00
Spiked Amount 1.000			Recovery	=	125.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	9274	1.072	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.386	85	67840	10.340	ug/l	98
3) Chloromethane	1.524	50	61794	9.140	ug/l	98
4) Vinyl Chloride	1.608	62	71313	9.907	ug/l	99
5) Bromomethane	1.858	94	46106	11.252	ug/l	97
6) Chloroethane	1.936	64	45202	10.337	ug/l	99
7) Trichlorofluoromethane	2.141	101	100522	9.701	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.585	101	65320	10.083	ug/l	98
9) 1,1-Dichloroethene	2.585	96	56147	9.978	ug/l	98
10) Iodomethane	2.727	142	59358	10.255	ug/l	99
11) Allyl Chloride	2.923	41	78343	8.918	ug/l	98
12) Acrylonitrile	3.315	53	31252	21.691	ug/l	# 91
13) Acetone	2.630	43	129361	62.808	ug/l	94
14) Carbon Disulfide	2.794	76	126105	9.768	ug/l	100
15) Methylene Chloride	3.045	84	68822	8.557	ug/l	95
16) trans-1,2-Dichloroethene	3.350	96	60065	9.711	ug/l	98
17) 1,1-Dichloroethane	3.868	63	132459	9.788	ug/l	99
18) 2-Butanone	4.710	43	144781	58.550	ug/l	98
19) Cyclohexane	5.382	56	91818	8.495	ug/l	89
20) Methylcyclohexane	6.759	83	109302	10.537	ug/l	98
21) 2,2-Dichloropropane	4.662	77	116508	9.826	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	73936	9.686	ug/l	98
23) Diethyl Ether	2.376	59	44804	9.731	ug/l	# 90
24) tert-Butyl Alcohol	3.209	59	58030	107.295	ug/l	99
25) Methyl tert-Butyl Ether	3.363	73	167683	10.250	ug/l	97
26) Bromochloromethane	4.974	128	28411	9.625	ug/l	94
27) Chloroform	5.087	83	133561	9.579	ug/l	99
28) 1,1,1-Trichloroethane	5.315	97	111794	9.545	ug/l	98
29) 1,1-Dichloropropene	5.521	75	86669	9.873	ug/l	99
30) Carbon Tetrachloride	5.521	117	82449	10.224	ug/l	98
31) Isopropyl Ether	3.993	45	204465	9.471	ug/l	100
32) Ethyl-t-butyl ether	4.505	59	199245	9.738	ug/l	97
33) Tert-Amyl methyl ether	5.942	73	164105	10.107	ug/l	100
34) Propionitrile	4.781	54	31242	54.312	ug/l	98
35) Benzene	5.771	78	258453	9.978	ug/l	99
36) 1,2-Dichloroethane	5.794	62	77994	10.074	ug/l	99
37) Trichloroethene	6.540	130	62911	10.585	ug/l	99
38) 1,2-Dichloropropane	6.791	63	77010	10.281	ug/l	98
39) Methacrylonitrile	4.974	41	22479	9.161	ug/l	94
40) Methyl acrylate	4.849	55	39558	10.430	ug/l	98
41) Tetrahydrofuran	5.058	42	23241	19.317	ug/l	97
42) 1-Chlorobutane	5.456	56	119600	9.788	ug/l	98
43) Dibromomethane	6.916	93	34523	10.399	ug/l	99
44) Bromodichloromethane	7.103	83	96145	10.586	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022823\
 Data File : VU053163.D
 Acq On : 28 Feb 2023 09:37
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Quant Time: Mar 01 03:31:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 03:35:42 2023
 Response via : Initial Calibration

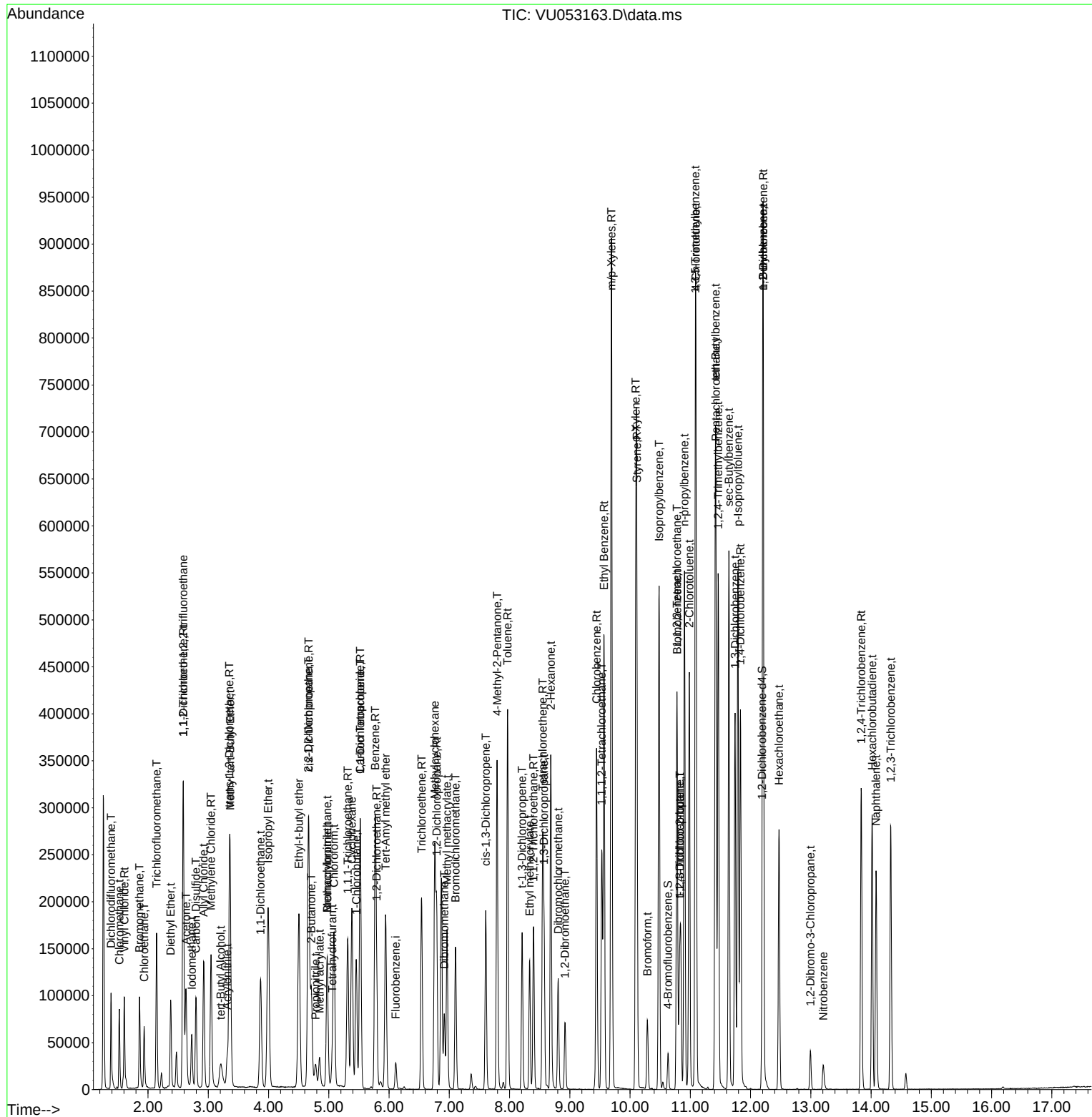
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.794	43	219923	54.254	ug/l	98
46) t-1,4-Dichloro-2-butene	10.826	75	91706	44.895	ug/l #	58
47) Methyl methacrylate	6.961	69	73983	21.649	ug/l	97
48) Ethyl methacrylate	8.334	69	74985	10.693	ug/l	100
49) Toluene	7.968	92	166801	10.457	ug/l	98
50) t-1,3-Dichloropropene	8.209	75	93719	10.622	ug/l	100
51) cis-1,3-Dichloropropene	7.604	75	112901	10.559	ug/l	98
52) 1,1,2-Trichloroethane	8.398	97	52384	10.742	ug/l	99
53) 1,3-Dichloropropane	8.572	76	92502	10.580	ug/l	99
54) 2-Hexanone	8.685	43	213402	61.788	ug/l	99
55) Dibromochloromethane	8.807	129	59311	10.660	ug/l	99
56) 1,2-Dibromoethane	8.919	107	47897	11.055	ug/l	100
58) Tetrachloroethene	8.550	164	49404	10.425	ug/l	96
59) Chlorobenzene	9.443	112	186566	10.459	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.530	131	63300	10.743	ug/l	99
61) Pentachloroethane	11.424	117	54806	10.705	ug/l	98
62) Hexachloroethane	12.472	117	60246	10.674	ug/l	97
63) Ethyl Benzene	9.566	91	346086	10.513	ug/l	98
64) m/p-Xylenes	9.691	106	256892	21.515	ug/l	98
65) o-Xylene	10.096	106	129725	10.639	ug/l	98
66) Styrene	10.112	104	211253	10.929	ug/l	98
67) Bromoform	10.289	173	29572	10.929	ug/l	99
69) Isopropylbenzene	10.482	105	348343	10.667	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	71645	10.902	ug/l	98
71) 1,2,3-Trichloropropane	10.826	75	91706	16.213	ug/l	77
72) Bromobenzene	10.781	156	68679	10.838	ug/l	99
73) n-propylbenzene	10.903	120	90736	10.472	ug/l	95
74) 2-Chlorotoluene	10.984	126	76740	10.697	ug/l	98
75) 1,3,5-Trimethylbenzene	11.083	105	291942	10.743	ug/l	100
76) 4-Chlorotoluene	11.093	126	77911	10.331	ug/l	98
77) tert-Butylbenzene	11.418	119	284728	10.692	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	294146	10.621	ug/l	97
79) sec-Butylbenzene	11.639	105	399857	10.821	ug/l	99
80) Nitrobenzene	13.205	77	16916	49.246	ug/l	99
81) p-Isopropyltoluene	11.791	119	308631	10.543	ug/l	99
82) 1,3-Dichlorobenzene	11.742	146	151044	10.857	ug/l	100
83) 1,4-Dichlorobenzene	11.832	146	150147	10.571	ug/l	99
84) n-Butylbenzene	12.205	91	331042	10.915	ug/l	100
85) 1,2-Dichlorobenzene	12.209	146	143736	10.835	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.993	75	11966	9.594	ug/l	90
87) 1,2,4-Trichlorobenzene	13.835	180	91082	11.188	ug/l	96
88) Hexachlorobutadiene	14.019	225	42550	10.701	ug/l	98
89) Naphthalene	14.083	128	185417	10.705	ug/l	99
90) 1,2,3-Trichlorobenzene	14.327	180	77425	10.808	ug/l	99

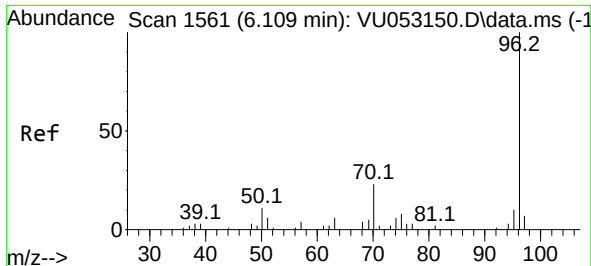
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022823\
 Data File : VU053163.D
 Acq On : 28 Feb 2023 09:37
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Quant Time: Mar 01 03:31:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 03:35:42 2023
 Response via : Initial Calibration

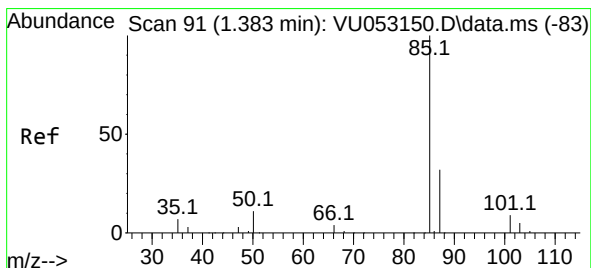
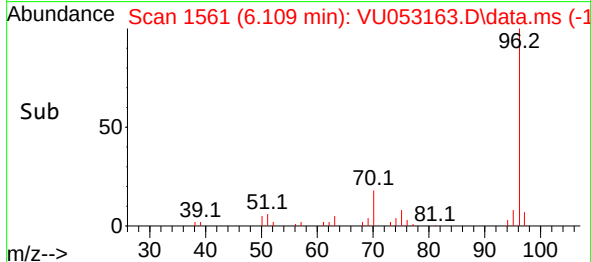
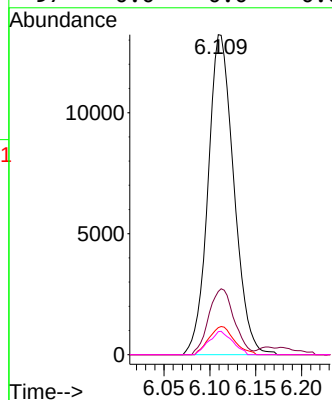
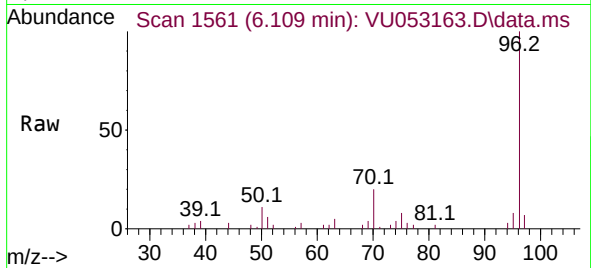




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

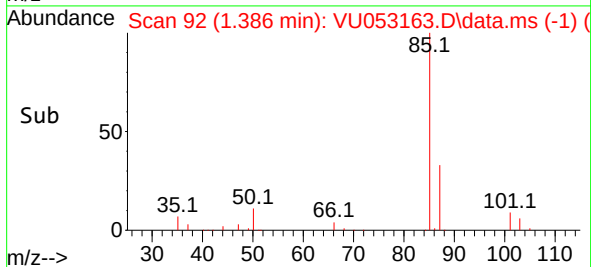
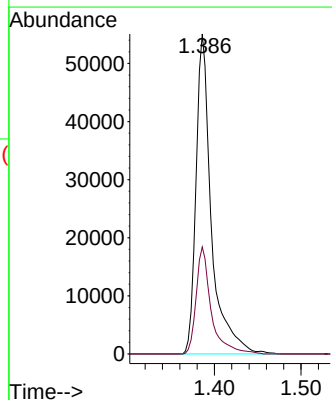
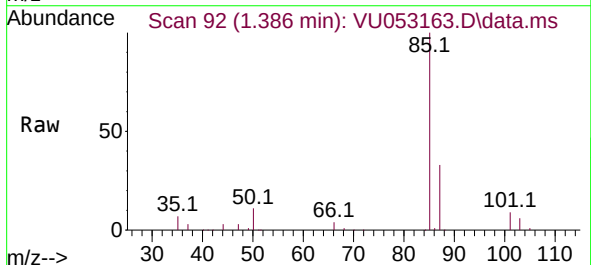
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

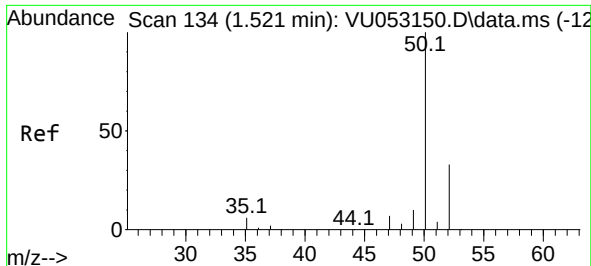
Tgt Ion: 96	Resp: 25849
Ion Ratio	Lower Upper
96 100	
70 19.2	15.5 23.3
95 8.6	7.0 10.6
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 10.340 ug/l
RT: 1.386 min Scan# 92
Delta R.T. 0.003 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion: 85	Resp: 67840
Ion Ratio	Lower Upper
85 100	
87 33.5	16.1 48.2





#3

Chloromethane

Concen: 9.140 ug/l

RT: 1.524 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

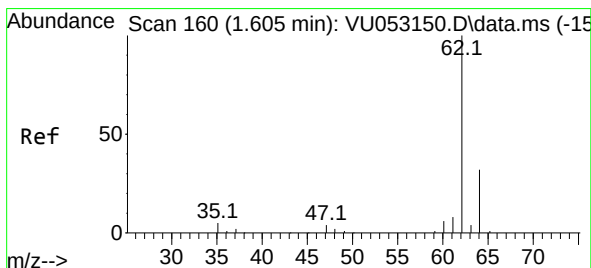
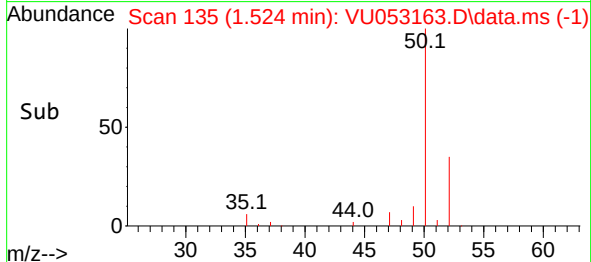
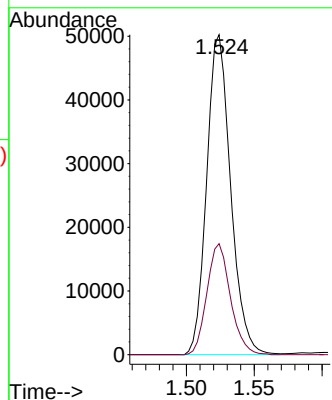
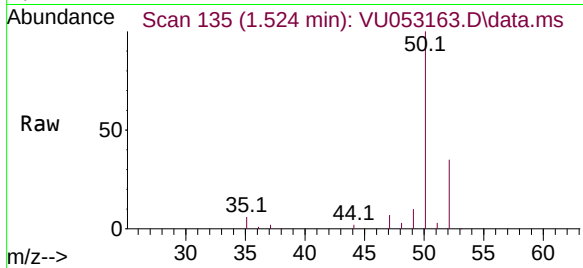
VSTDCCC010

Tgt Ion: 50 Resp: 61794

Ion Ratio Lower Upper

50 100

52 34.7 26.7 40.1



#4

Vinyl Chloride

Concen: 9.907 ug/l

RT: 1.608 min Scan# 161

Delta R.T. 0.003 min

Lab File: VU053163.D

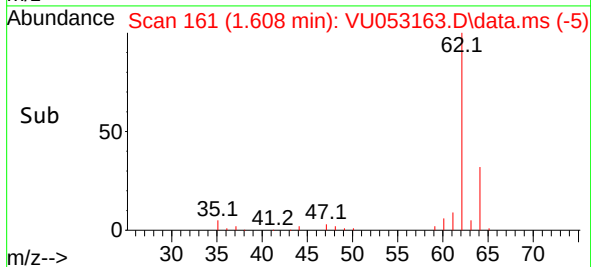
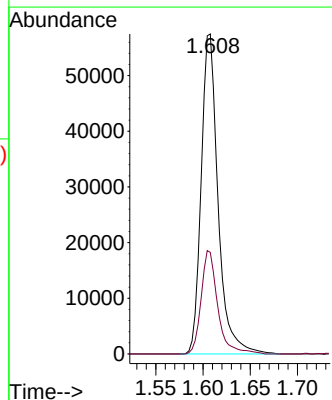
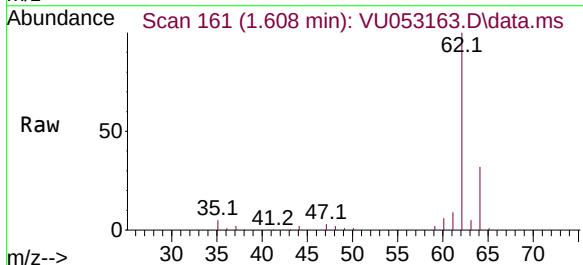
Acq: 28 Feb 2023 09:37

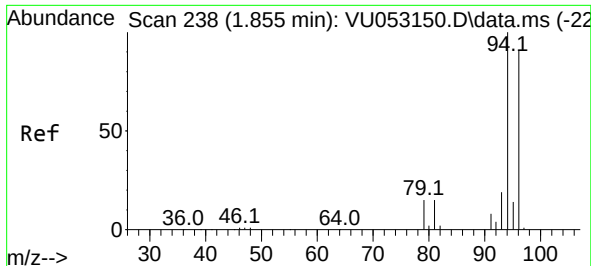
Tgt Ion: 62 Resp: 71313

Ion Ratio Lower Upper

62 100

64 31.8 25.8 38.6





#5

Bromomethane

Concen: 11.252 ug/l

RT: 1.858 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

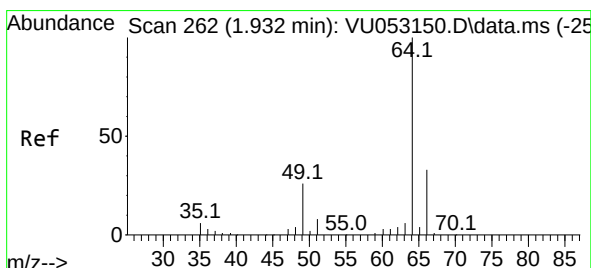
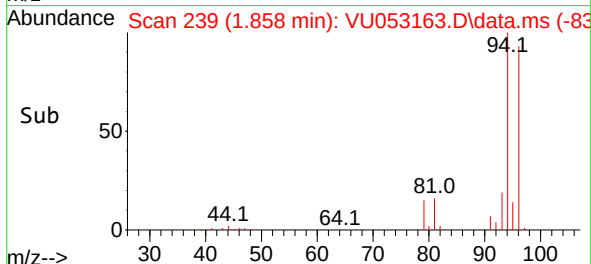
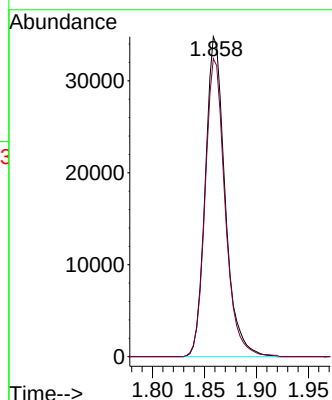
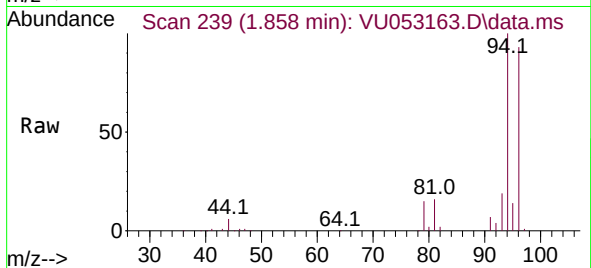
VSTDCCC010

Tgt Ion: 94 Resp: 46106

Ion Ratio Lower Upper

94 100

96 93.2 72.6 108.8



#6

Chloroethane

Concen: 10.337 ug/l

RT: 1.936 min Scan# 263

Delta R.T. 0.003 min

Lab File: VU053163.D

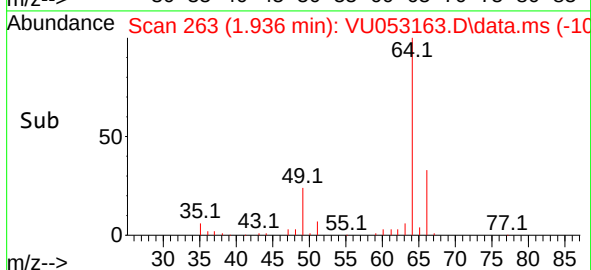
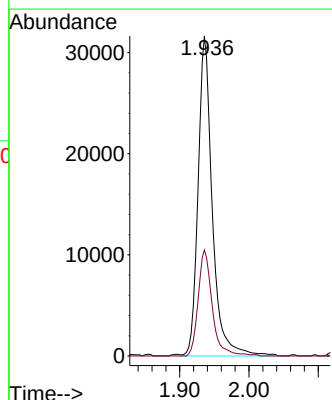
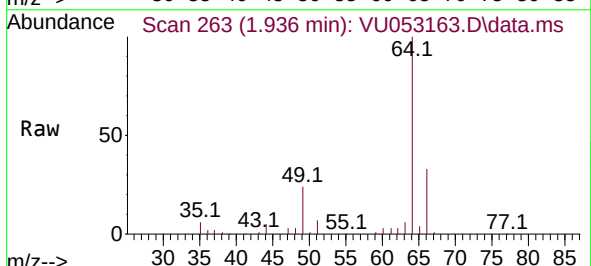
Acq: 28 Feb 2023 09:37

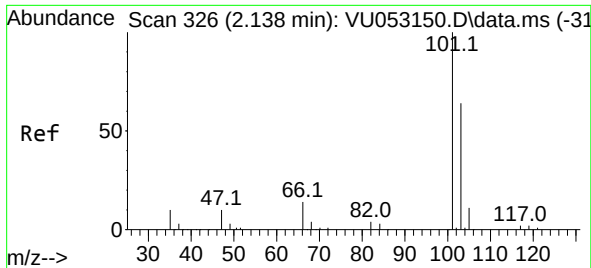
Tgt Ion: 64 Resp: 45202

Ion Ratio Lower Upper

64 100

66 33.2 26.8 40.2

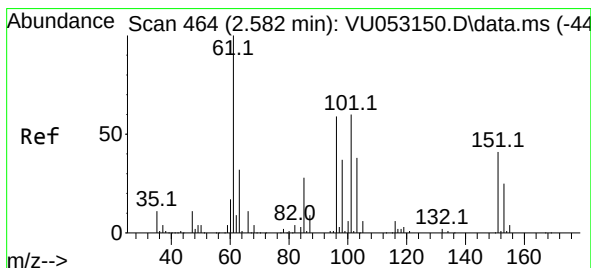
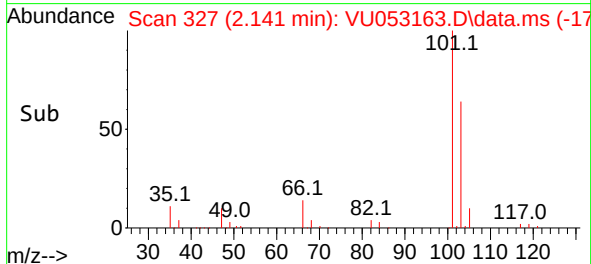
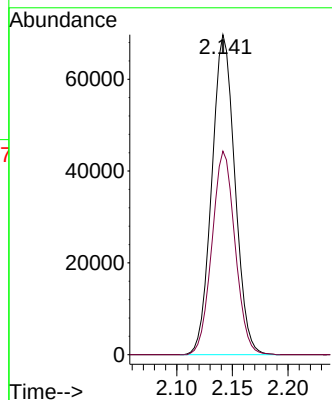
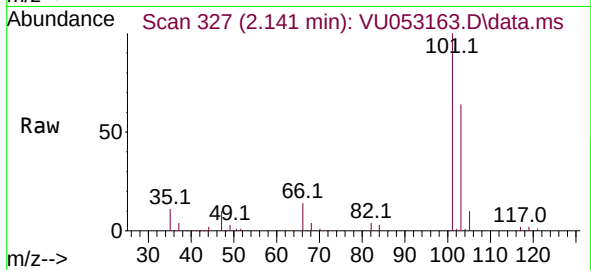




#7
 Trichlorofluoromethane
 Concen: 9.701 ug/l
 RT: 2.141 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU053163.D
 Acq: 28 Feb 2023 09:37

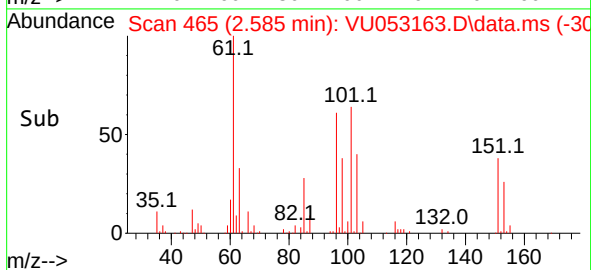
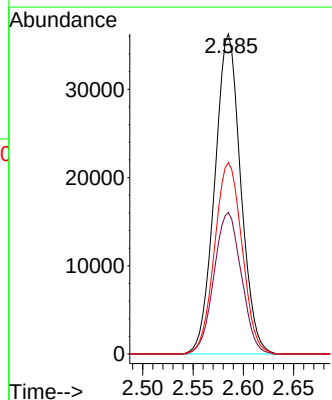
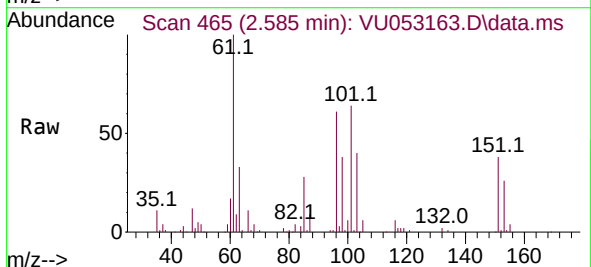
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

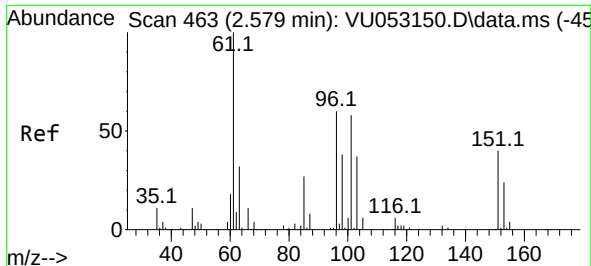
Tgt Ion:101 Resp: 100522
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.2 76.8



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.083 ug/l
 RT: 2.585 min Scan# 465
 Delta R.T. 0.003 min
 Lab File: VU053163.D
 Acq: 28 Feb 2023 09:37

Tgt Ion:101 Resp: 65320
 Ion Ratio Lower Upper
 101 100
 85 46.5 37.3 55.9
 151 63.2 52.4 78.6

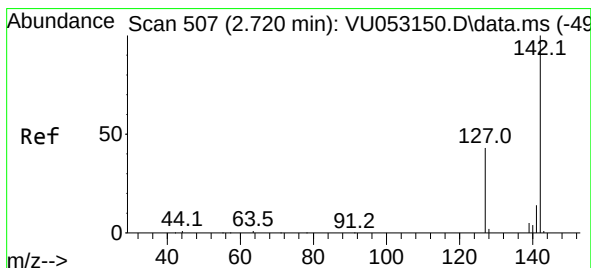
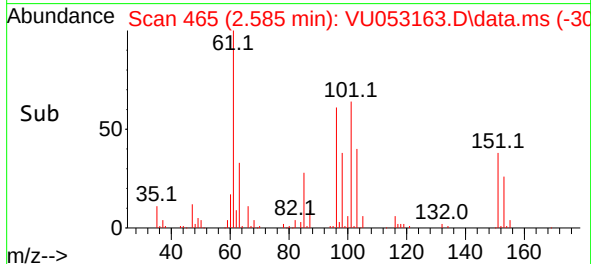
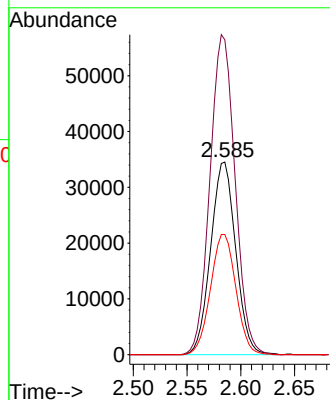
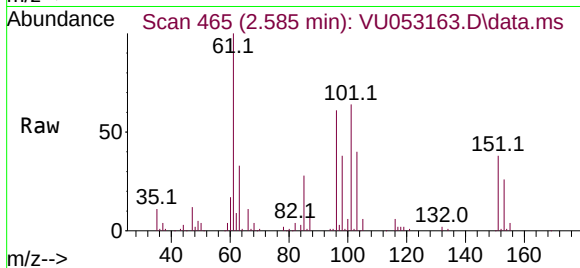




#9
1,1-Dichloroethene
Concen: 9.978 ug/l
RT: 2.585 min Scan# 463
Delta R.T. 0.006 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

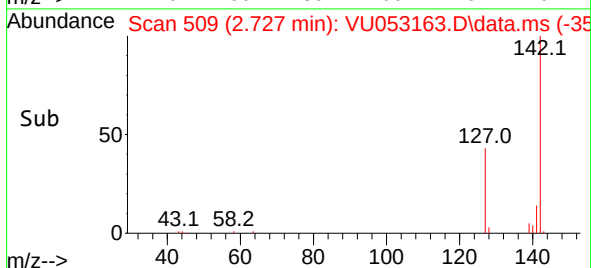
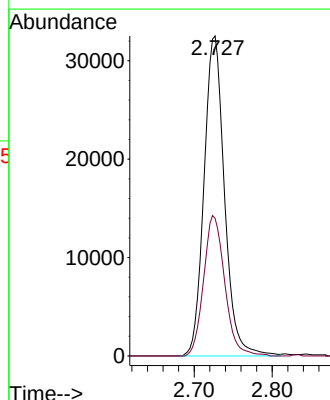
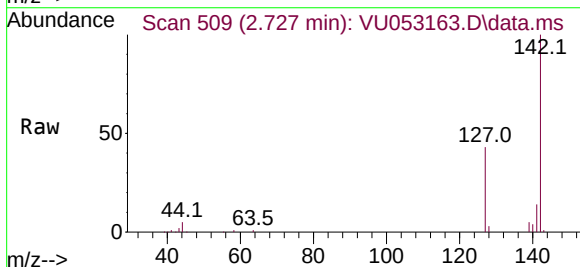
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

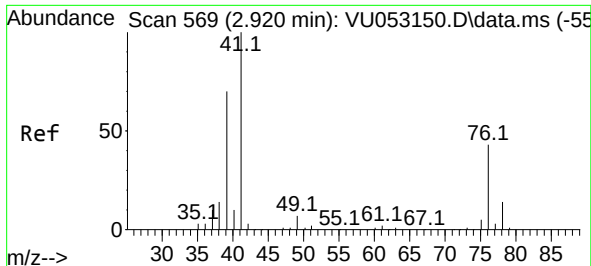
Tgt Ion: 96 Resp: 56147
Ion Ratio Lower Upper
96 100
61 163.4 0.0 502.5
98 62.4 0.0 126.2



#10
Iodomethane
Concen: 10.255 ug/l
RT: 2.727 min Scan# 509
Delta R.T. 0.006 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion: 142 Resp: 59358
Ion Ratio Lower Upper
142 100
127 45.3 35.8 53.8





#11

Allyl Chloride

Concen: 8.918 ug/l

RT: 2.923 min Scan# 5

Delta R.T. 0.003 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

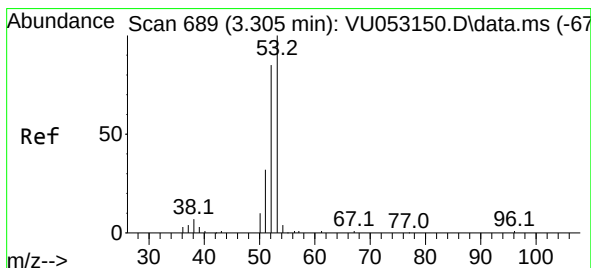
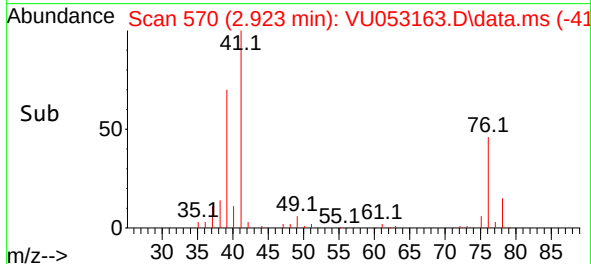
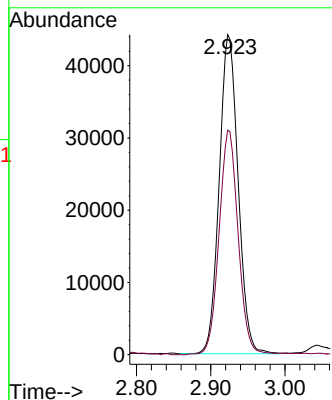
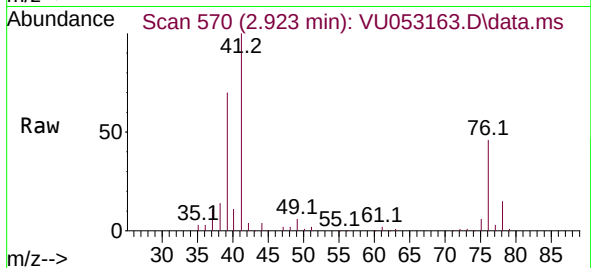
VSTDCCC010

Tgt Ion: 41 Resp: 78343

Ion Ratio Lower Upper

41 100

39 70.9 55.3 82.9



#12

Acrylonitrile

Concen: 21.691 ug/l

RT: 3.315 min Scan# 692

Delta R.T. 0.010 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

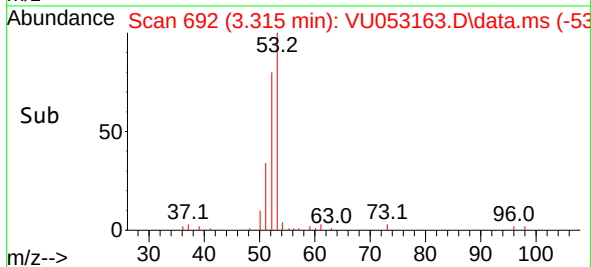
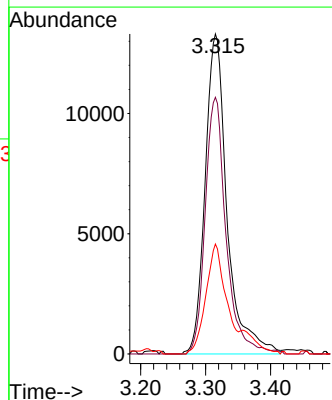
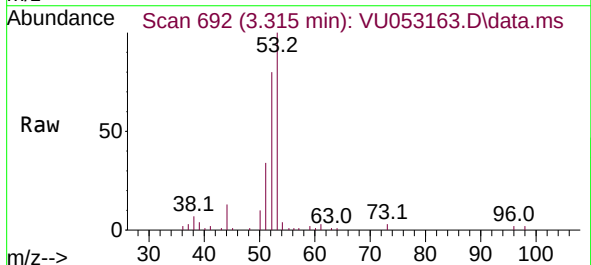
Tgt Ion: 53 Resp: 31252

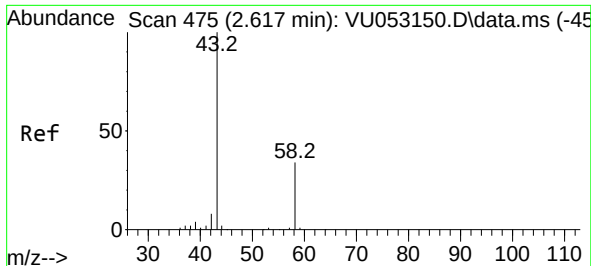
Ion Ratio Lower Upper

53 100

52 76.1 65.9 98.9

51 31.5 31.8 47.8#





#13

Acetone

Concen: 62.808 ug/l

RT: 2.630 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

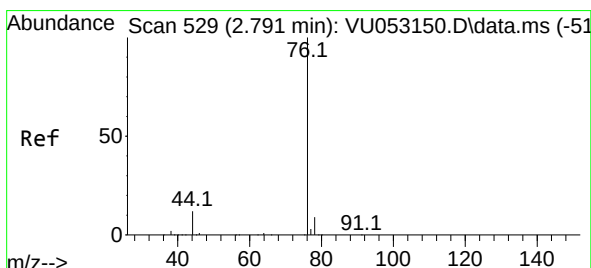
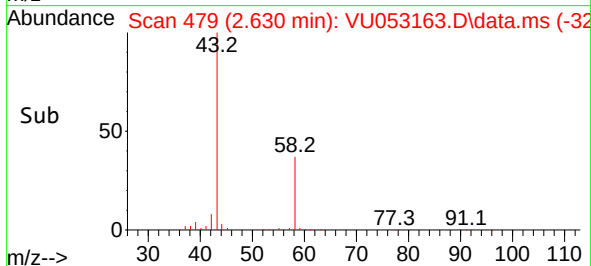
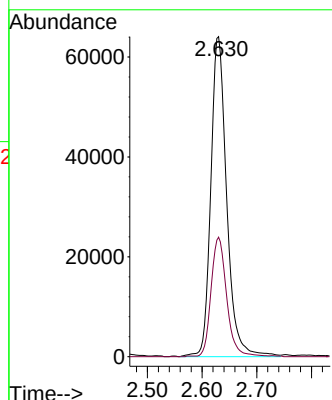
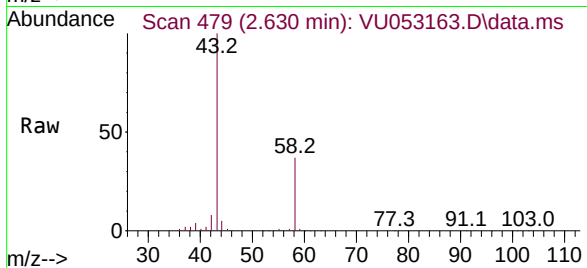
VSTDCCC010

Tgt Ion: 43 Resp: 129361

Ion Ratio Lower Upper

43 100

58 37.3 27.2 40.8



#14

Carbon Disulfide

Concen: 9.768 ug/l

RT: 2.794 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU053163.D

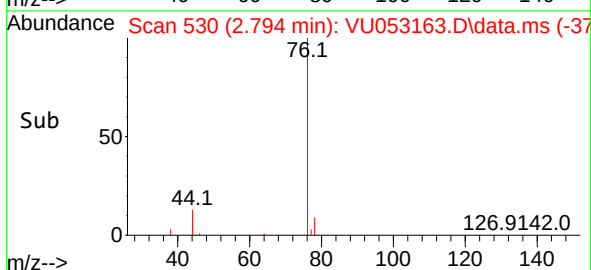
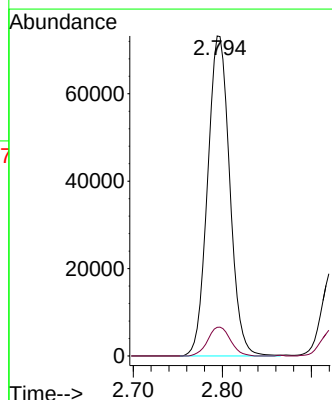
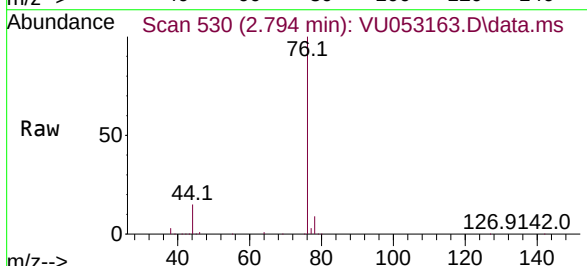
Acq: 28 Feb 2023 09:37

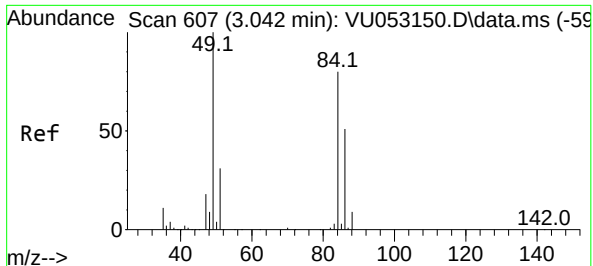
Tgt Ion: 76 Resp: 126105

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

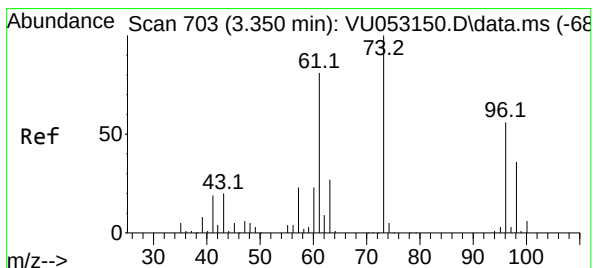
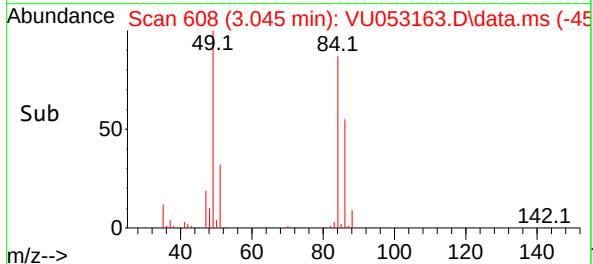
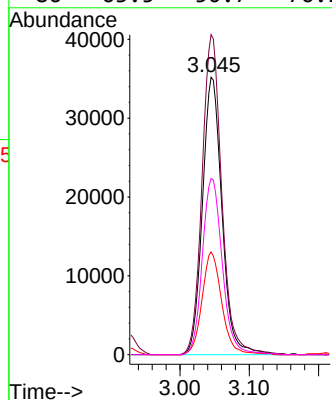
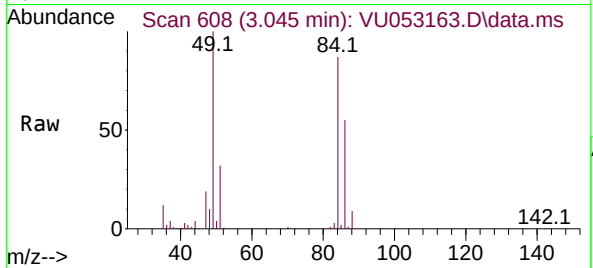




#15
Methylene Chloride
Concen: 8.557 ug/l
RT: 3.045 min Scan# 607
Delta R.T. 0.003 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

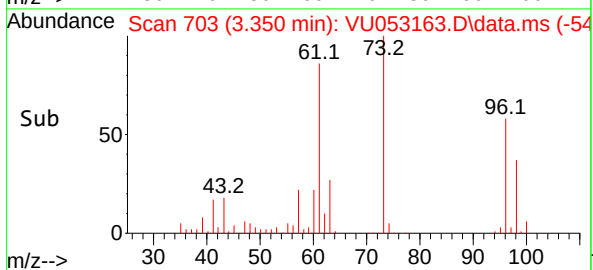
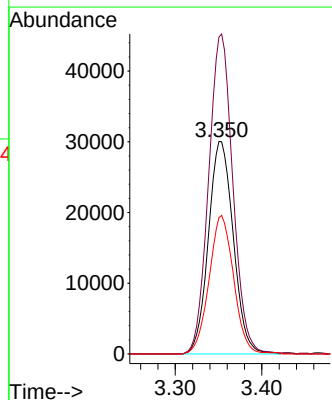
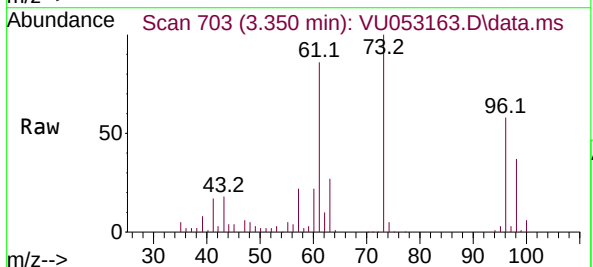
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

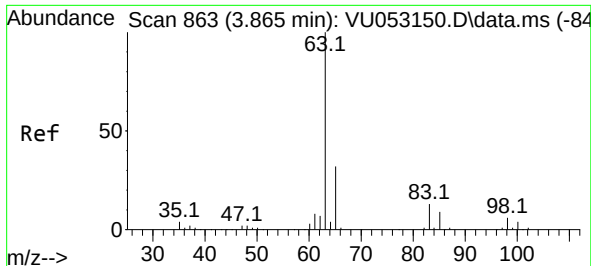
Tgt Ion: 84 Resp: 68822
Ion Ratio Lower Upper
84 100
49 115.4 99.5 149.3
51 37.0 0.0 76.8
86 63.5 50.7 76.1



#16
trans-1,2-Dichloroethene
Concen: 9.711 ug/l
RT: 3.350 min Scan# 703
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion: 96 Resp: 60065
Ion Ratio Lower Upper
96 100
61 149.1 116.1 174.1
98 64.2 51.4 77.2

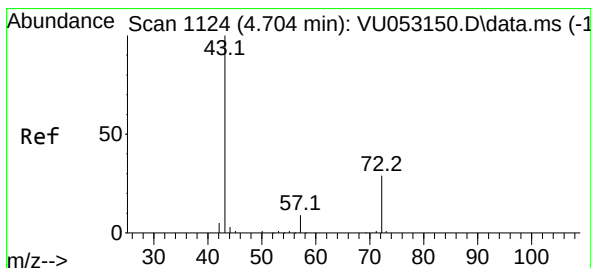
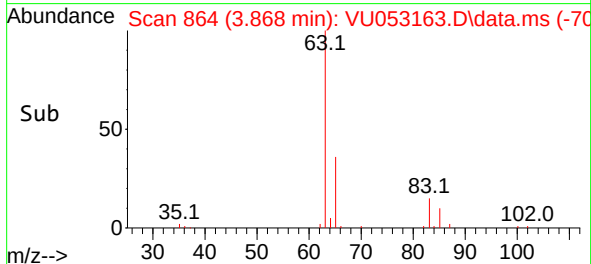
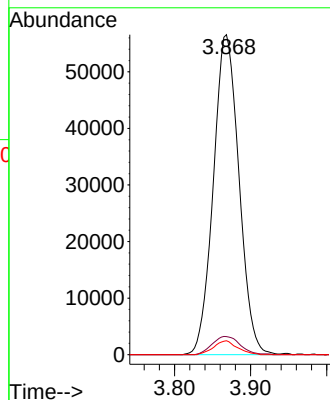
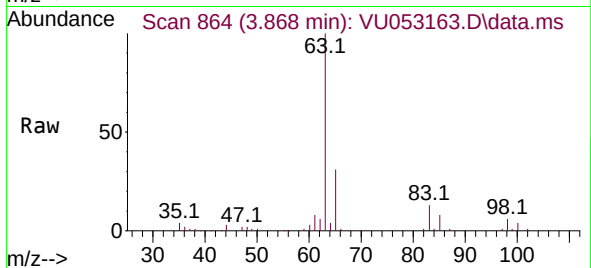




#17
1,1-Dichloroethane
Concen: 9.788 ug/l
RT: 3.868 min Scan# 864
Delta R.T. 0.003 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

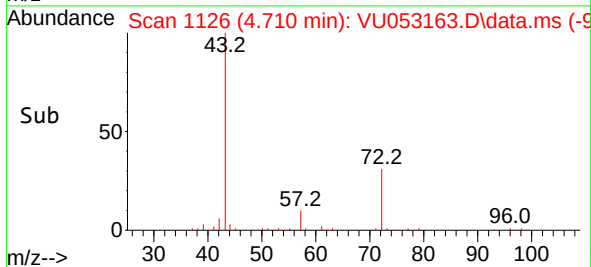
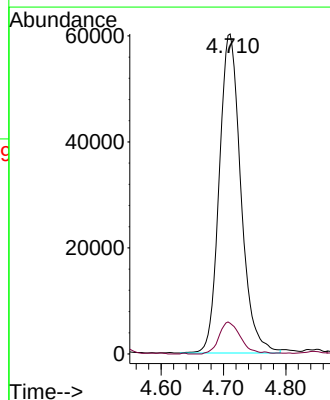
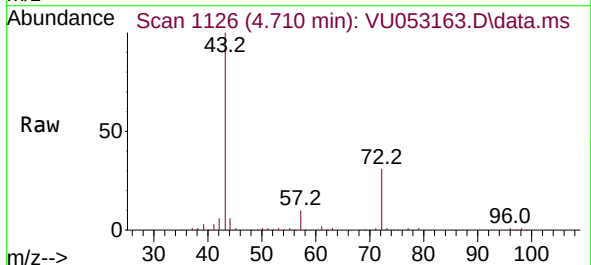
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

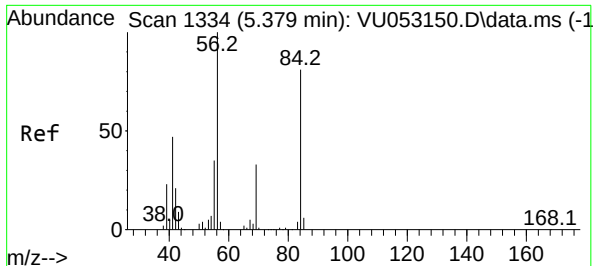
Tgt Ion: 63 Resp: 132459
Ion Ratio Lower Upper
63 100
98 5.7 3.1 9.4
100 4.3 2.1 6.2



#18
2-Butanone
Concen: 58.550 ug/l
RT: 4.710 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion: 43 Resp: 144781
Ion Ratio Lower Upper
43 100
57 9.6 0.0 17.6





#19

Cyclohexane

Concen: 8.495 ug/l

RT: 5.382 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

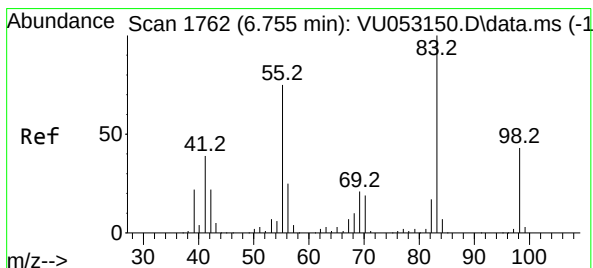
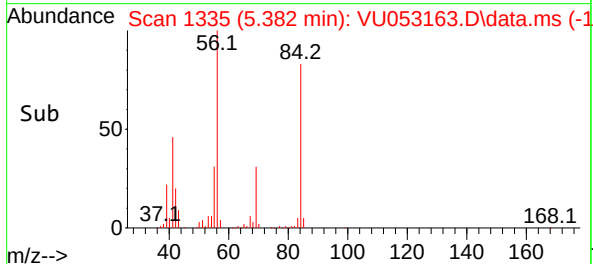
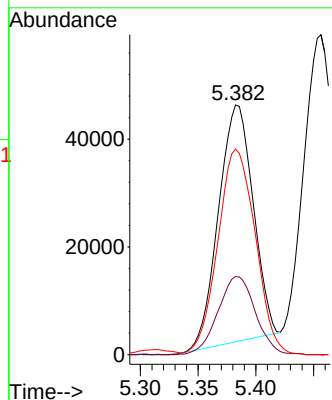
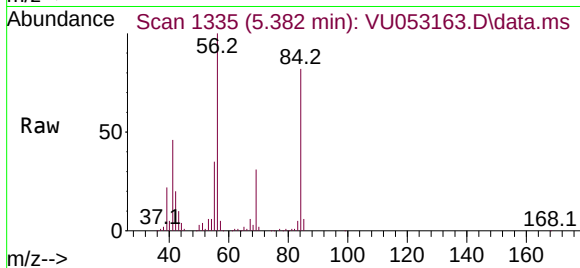
Tgt Ion: 56 Resp: 91818

Ion Ratio Lower Upper

56 100

69 35.7 26.1 39.1

84 93.0 64.7 97.1



#20

Methylcyclohexane

Concen: 10.537 ug/l

RT: 6.759 min Scan# 1763

Delta R.T. 0.003 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

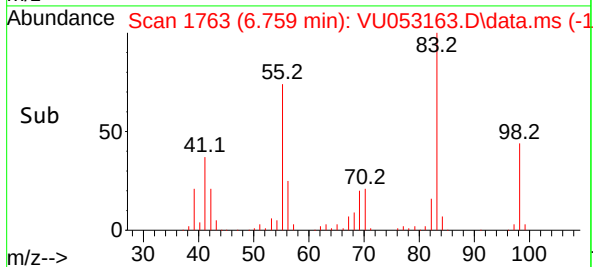
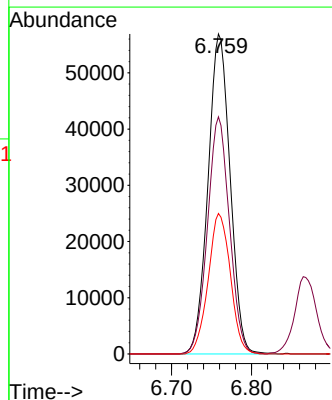
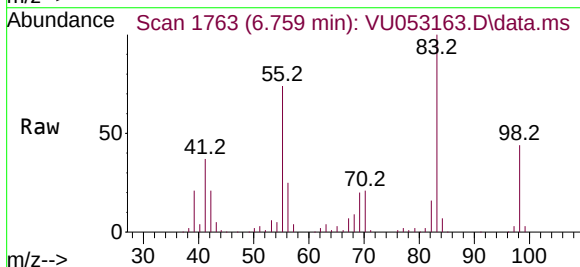
Tgt Ion: 83 Resp: 109302

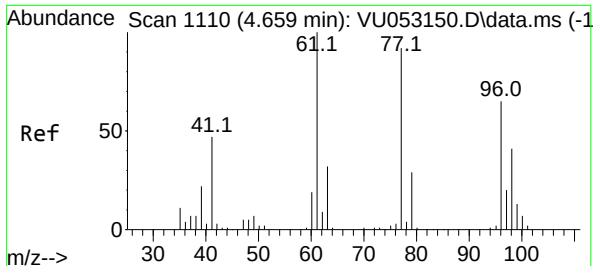
Ion Ratio Lower Upper

83 100

55 73.7 60.2 90.2

98 44.0 33.9 50.9





#21

2,2-Dichloropropane

Concen: 9.826 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

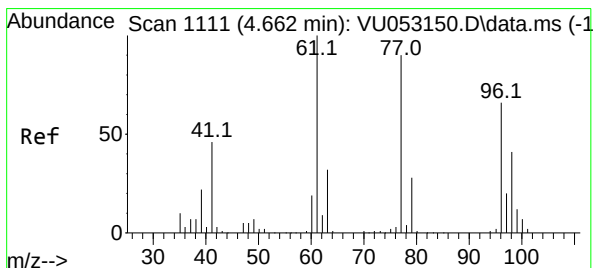
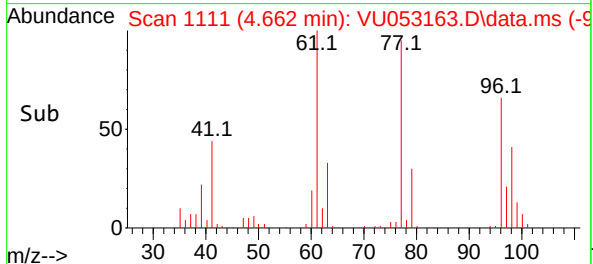
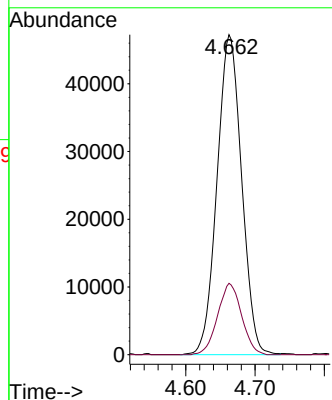
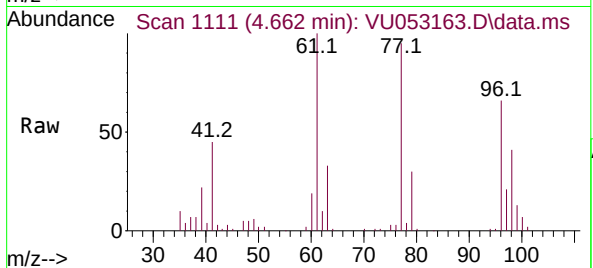
VSTDCCC010

Tgt Ion: 77 Resp: 116508

Ion Ratio Lower Upper

77 100

97 21.8 17.9 26.9



#22

cis-1,2-Dichloroethene

Concen: 9.686 ug/l

RT: 4.665 min Scan# 1112

Delta R.T. 0.003 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

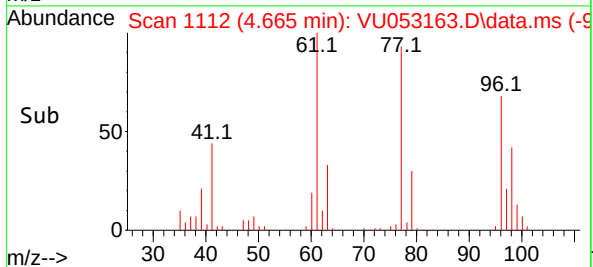
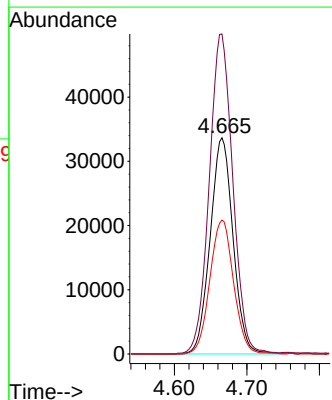
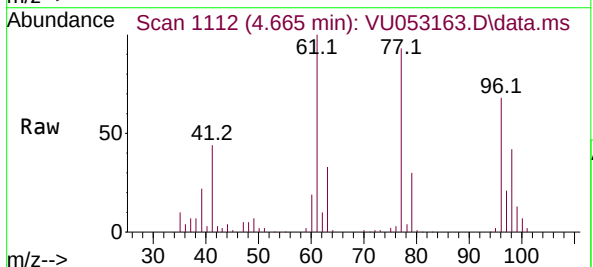
Tgt Ion: 96 Resp: 73936

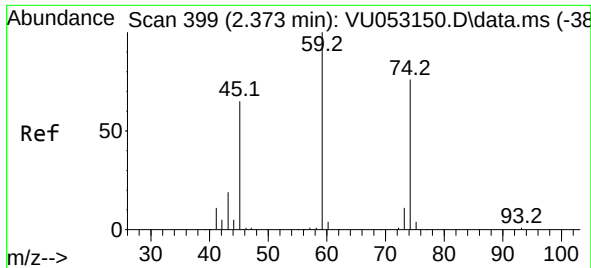
Ion Ratio Lower Upper

96 100

61 152.0 0.0 390.5

98 64.0 31.9 95.9





#23

Diethyl Ether

Concen: 9.731 ug/l

RT: 2.376 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

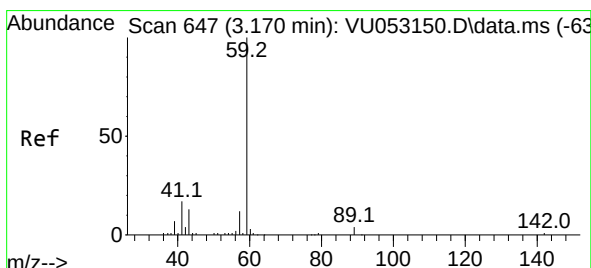
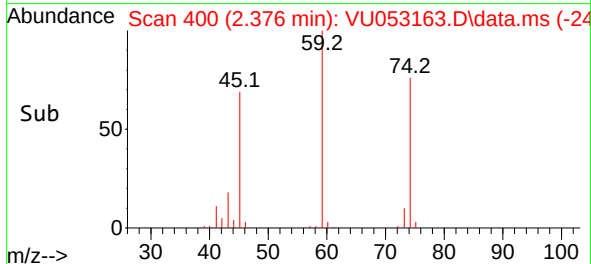
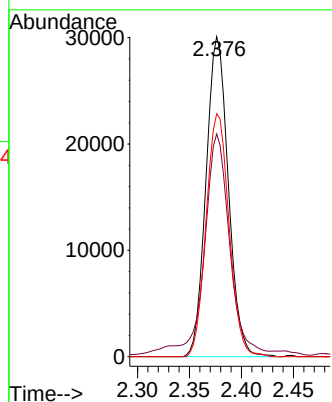
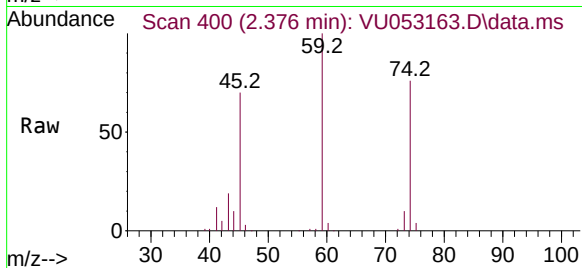
Tgt Ion: 59 Resp: 44804

Ion Ratio Lower Upper

59 100

45 81.7 54.2 81.2#

74 78.3 60.4 90.6



#24

tert-Butyl Alcohol

Concen: 107.295 ug/l

RT: 3.209 min Scan# 659

Delta R.T. 0.039 min

Lab File: VU053163.D

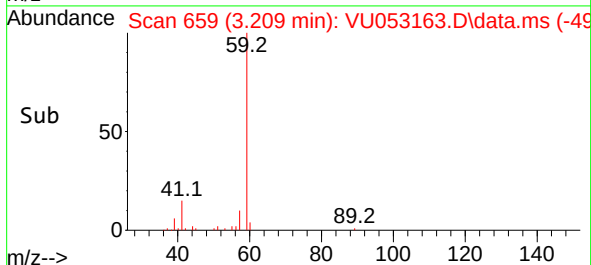
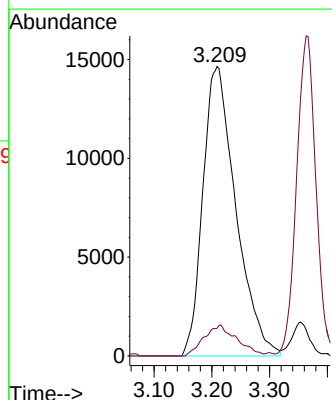
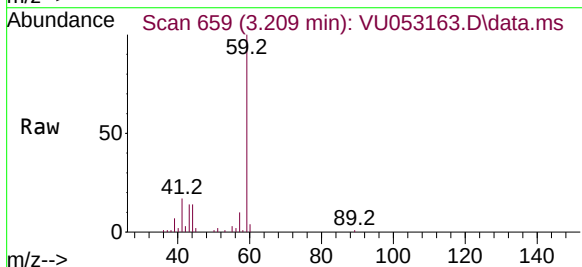
Acq: 28 Feb 2023 09:37

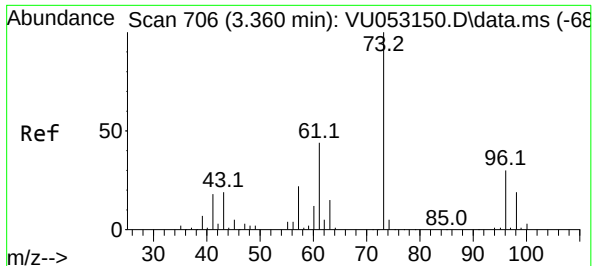
Tgt Ion: 59 Resp: 58030

Ion Ratio Lower Upper

59 100

57 10.6 8.7 13.1

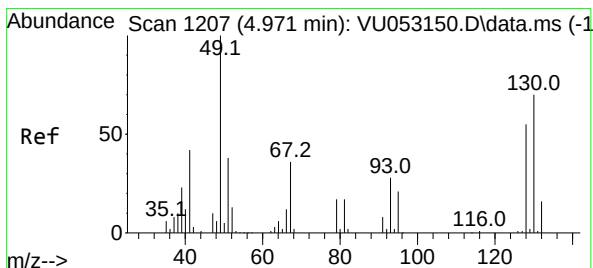
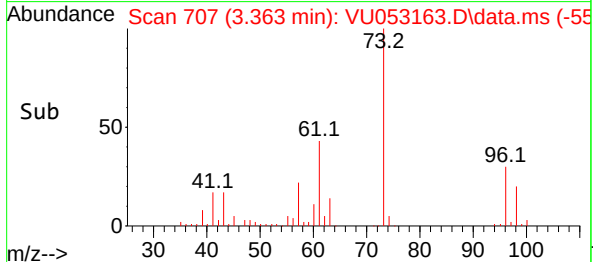
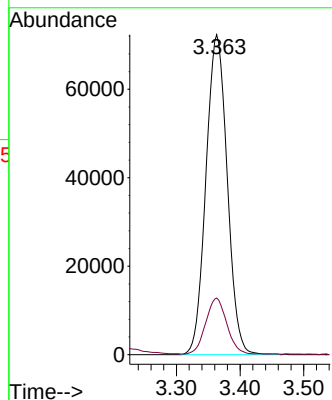
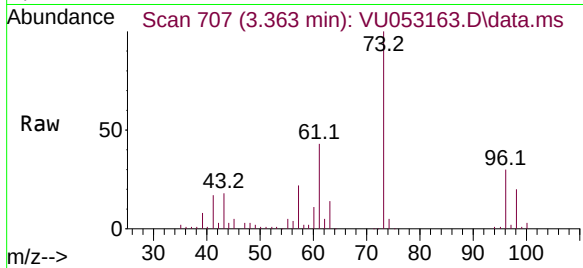




#25
Methyl tert-Butyl Ether
Concen: 10.250 ug/l
RT: 3.363 min Scan# 706
Delta R.T. 0.003 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

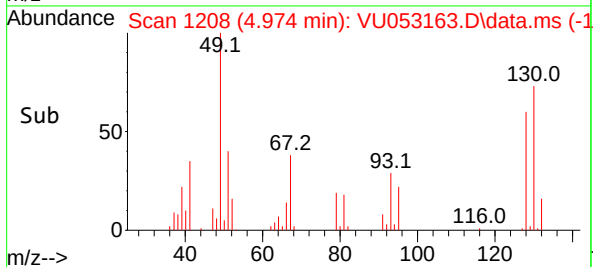
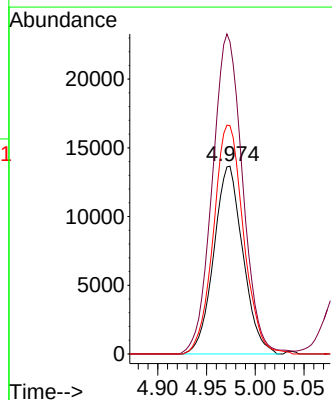
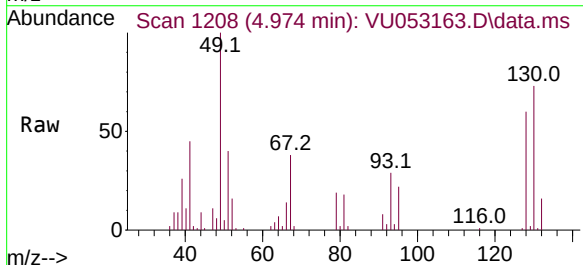
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

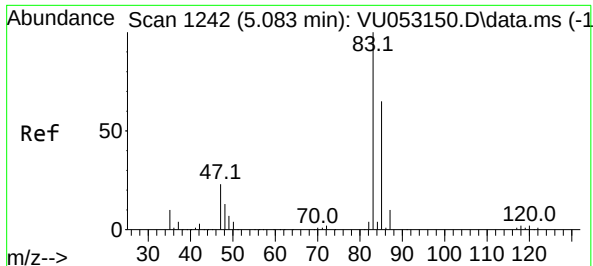
Tgt Ion: 73 Resp: 167683
Ion Ratio Lower Upper
73 100
43 17.4 15.0 22.6



#26
Bromochloromethane
Concen: 9.625 ug/l
RT: 4.974 min Scan# 1208
Delta R.T. 0.003 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion: 128 Resp: 28411
Ion Ratio Lower Upper
128 100
49 177.1 0.0 376.8
130 125.9 104.8 157.2





#27

Chloroform

Concen: 9.579 ug/l

RT: 5.087 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

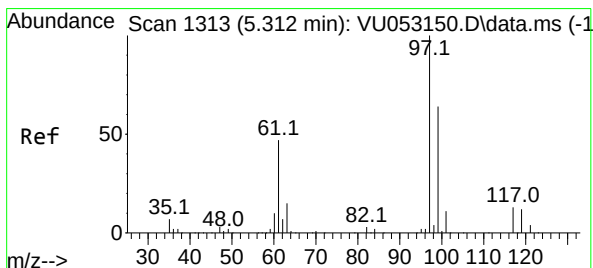
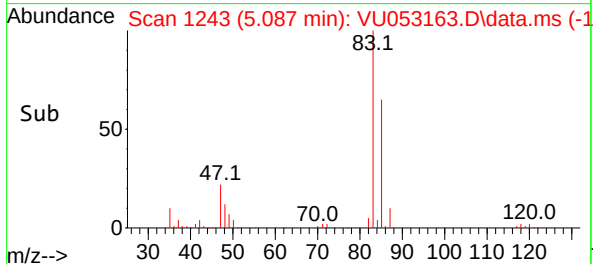
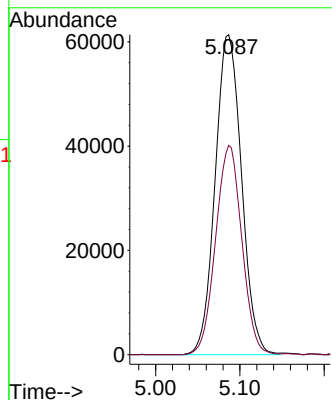
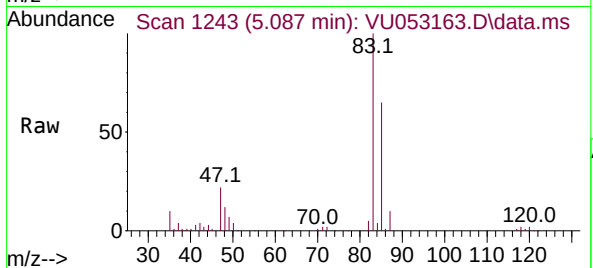
VSTDCCC010

Tgt Ion: 83 Resp: 133561

Ion Ratio Lower Upper

83 100

85 65.4 0.0 129.2



#28

1,1,1-Trichloroethane

Concen: 9.545 ug/l

RT: 5.315 min Scan# 1314

Delta R.T. 0.003 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

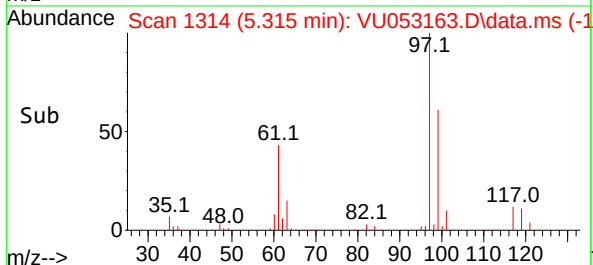
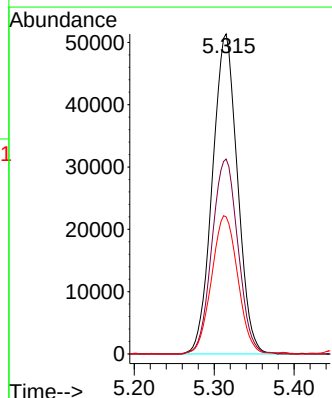
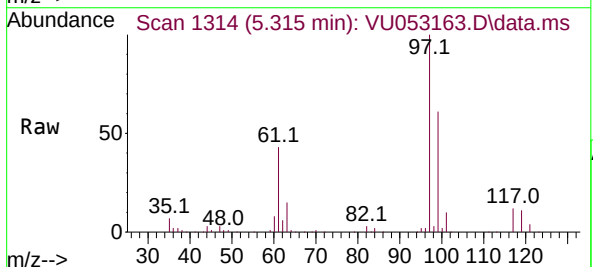
Tgt Ion: 97 Resp: 111794

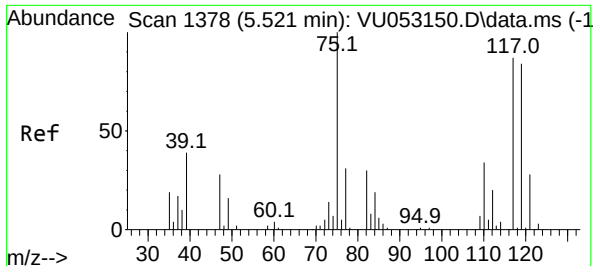
Ion Ratio Lower Upper

97 100

99 63.3 31.6 94.8

61 45.2 23.9 71.7





#29

1,1-Dichloropropene

Concen: 9.873 ug/l

RT: 5.521 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

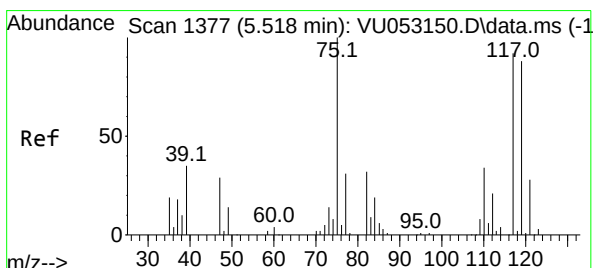
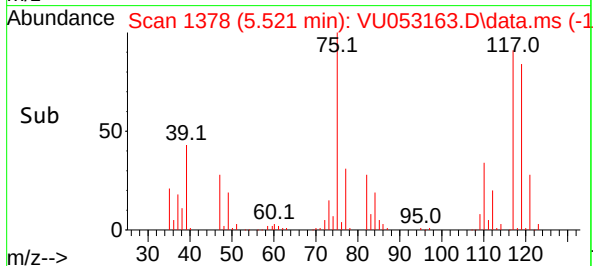
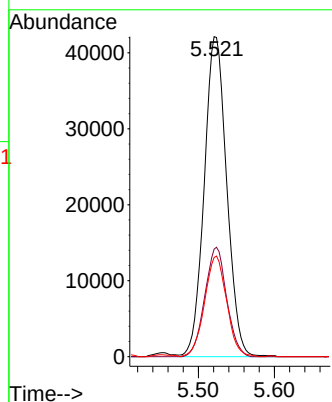
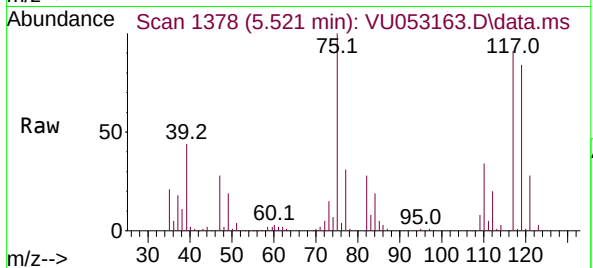
Tgt Ion: 75 Resp: 86669

Ion Ratio Lower Upper

75 100

110 33.2 16.3 48.8

77 30.9 24.9 37.3



#30

Carbon Tetrachloride

Concen: 10.224 ug/l

RT: 5.521 min Scan# 1378

Delta R.T. 0.003 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

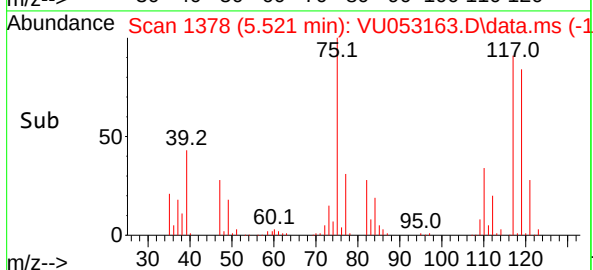
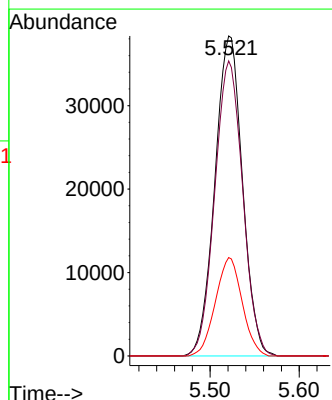
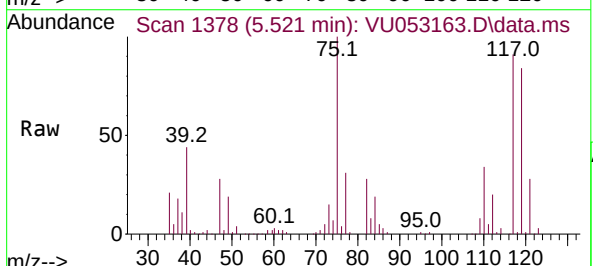
Tgt Ion: 117 Resp: 82449

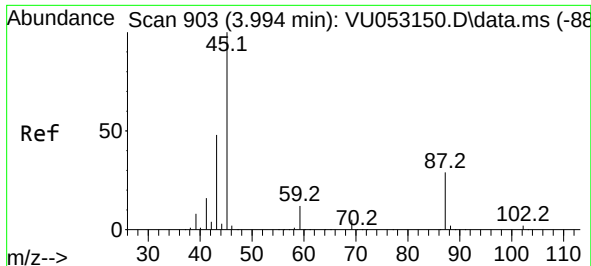
Ion Ratio Lower Upper

117 100

119 92.2 76.2 114.2

121 30.8 24.6 36.8

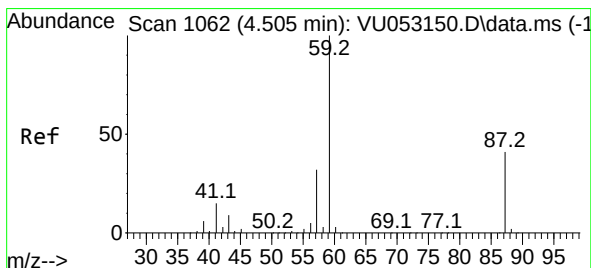
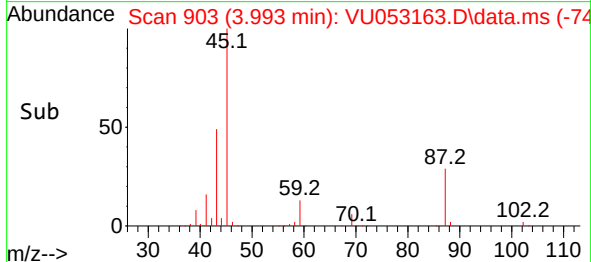
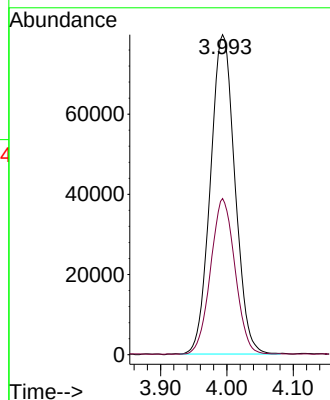
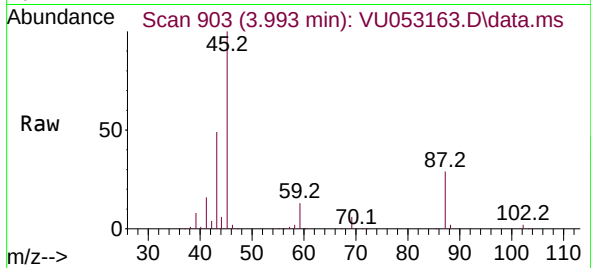




#31
Isopropyl Ether
Concen: 9.471 ug/l
RT: 3.993 min Scan# 903
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

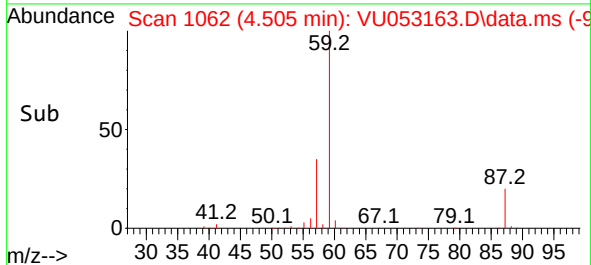
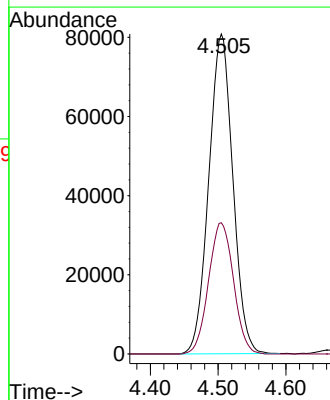
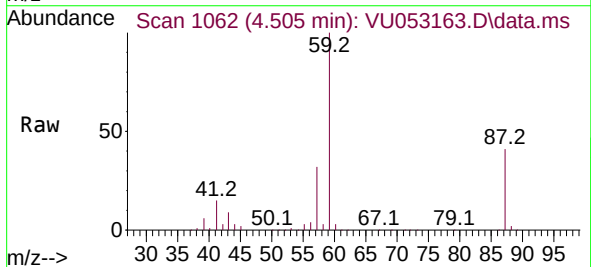
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

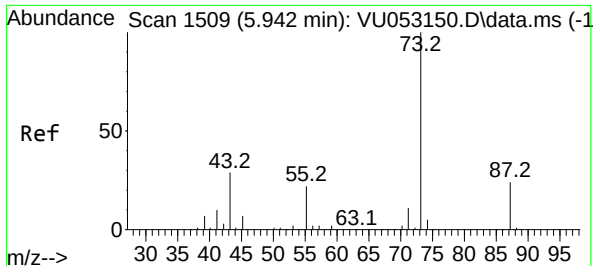
Tgt Ion: 45 Resp: 204465
Ion Ratio Lower Upper
45 100
43 48.6 24.4 73.2



#32
Ethyl-t-butyl ether
Concen: 9.738 ug/l
RT: 4.505 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion: 59 Resp: 199245
Ion Ratio Lower Upper
59 100
87 42.5 32.5 48.7

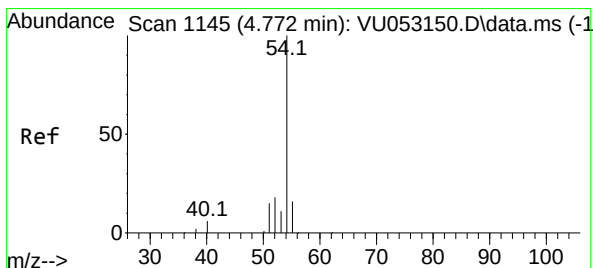
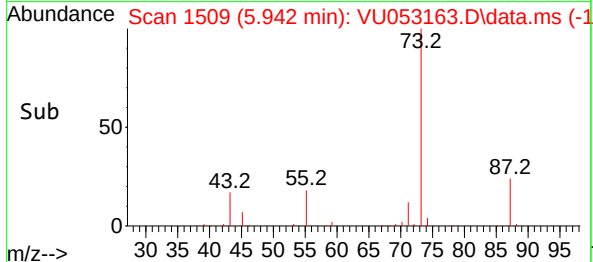
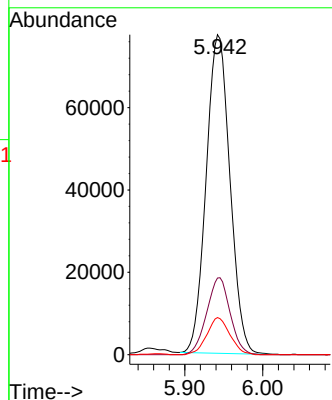
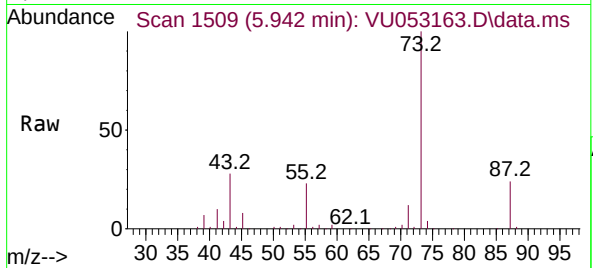




#33
Tert-Amyl methyl ether
Concen: 10.107 ug/l
RT: 5.942 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

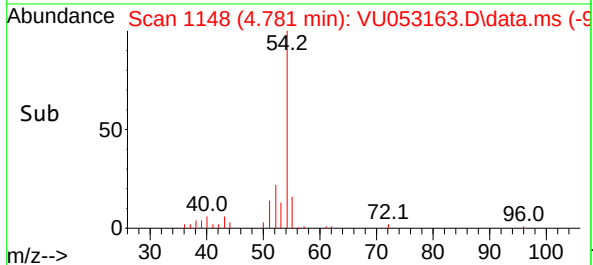
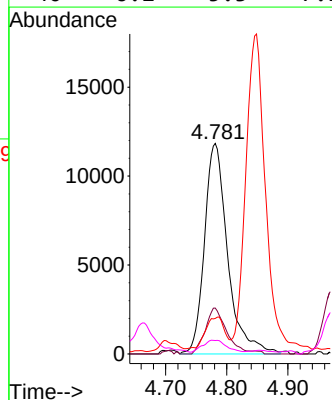
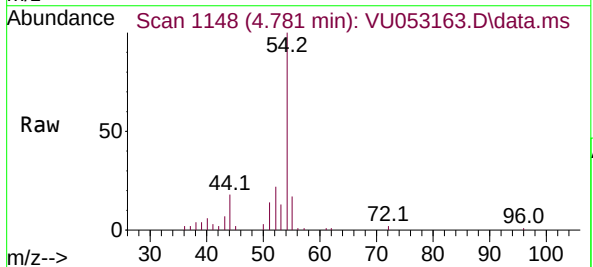
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

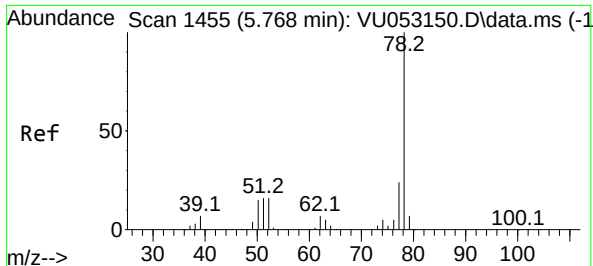
Tgt Ion: 73 Resp: 164105
Ion Ratio Lower Upper
73 100
87 23.8 19.0 28.4
71 11.3 9.2 13.8



#34
Propionitrile
Concen: 54.312 ug/l
RT: 4.781 min Scan# 1148
Delta R.T. 0.010 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion: 54 Resp: 31242
Ion Ratio Lower Upper
54 100
52 20.0 16.5 24.7
55 13.2 11.4 17.2
40 6.2 5.3 7.9





#35

Benzene

Concen: 9.978 ug/l

RT: 5.771 min Scan# 1455

Delta R.T. 0.003 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

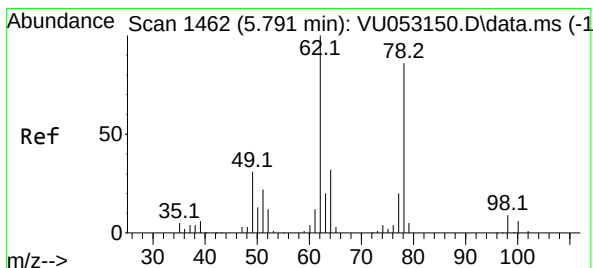
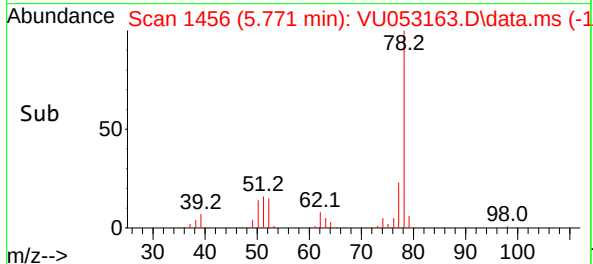
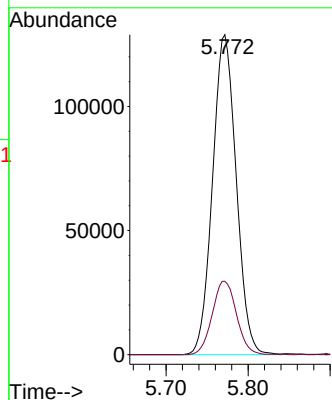
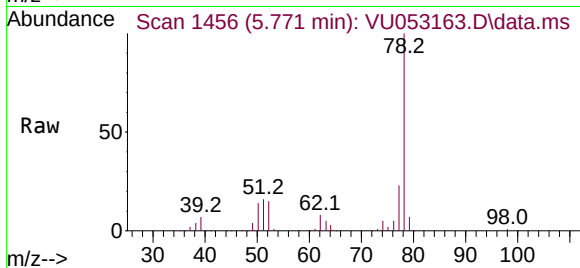
VSTDCCC010

Tgt Ion: 78 Resp: 258453

Ion Ratio Lower Upper

78 100

77 22.9 18.9 28.3



#36

1,2-Dichloroethane

Concen: 10.074 ug/l

RT: 5.794 min Scan# 1463

Delta R.T. 0.003 min

Lab File: VU053163.D

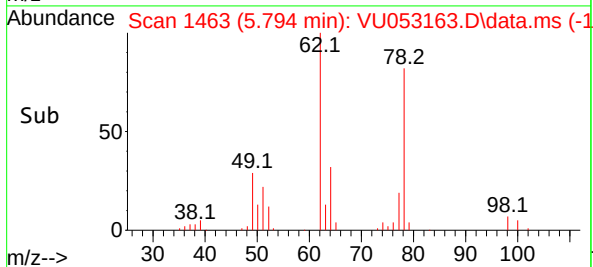
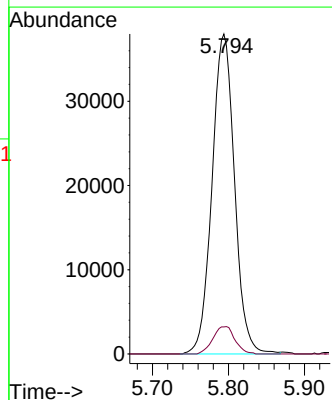
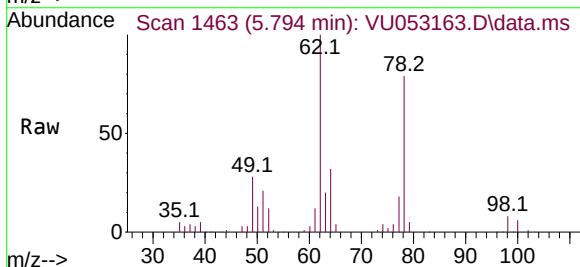
Acq: 28 Feb 2023 09:37

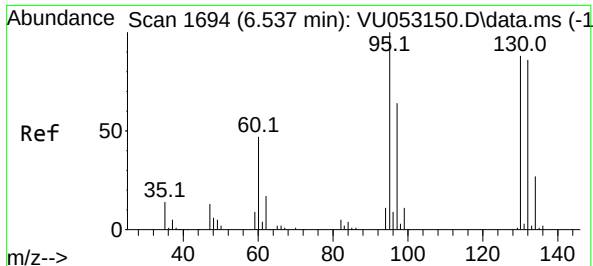
Tgt Ion: 62 Resp: 77994

Ion Ratio Lower Upper

62 100

98 8.4 7.0 10.4





#37

Trichloroethene

Concen: 10.585 ug/l

RT: 6.540 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

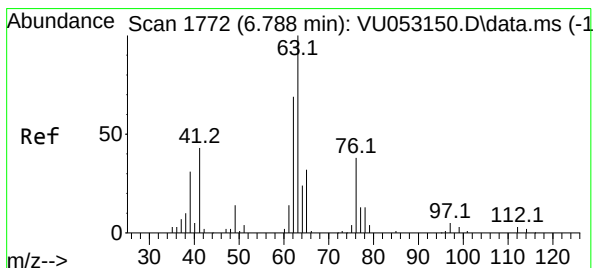
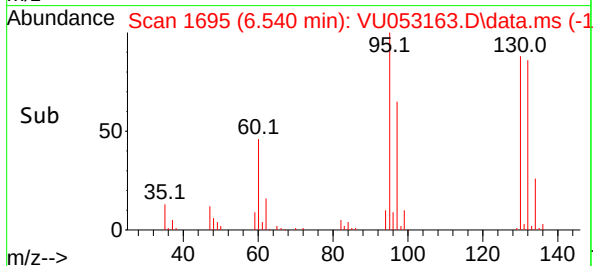
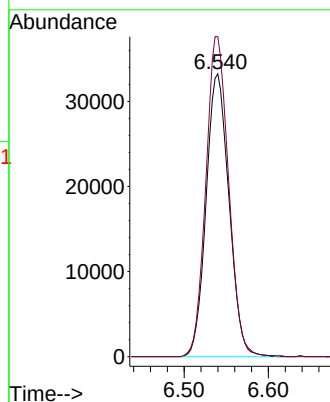
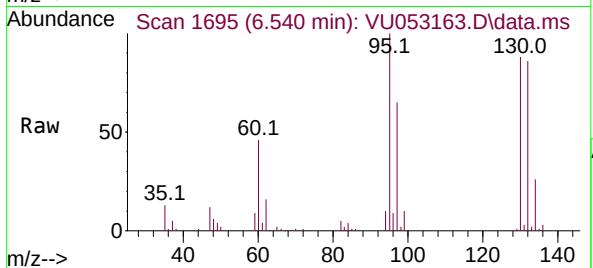
VSTDCCC010

Tgt Ion:130 Resp: 62911

Ion Ratio Lower Upper

130 100

95 113.1 91.1 136.7



#38

1,2-Dichloropropane

Concen: 10.281 ug/l

RT: 6.791 min Scan# 1773

Delta R.T. 0.003 min

Lab File: VU053163.D

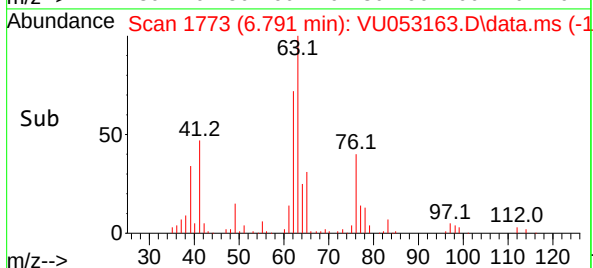
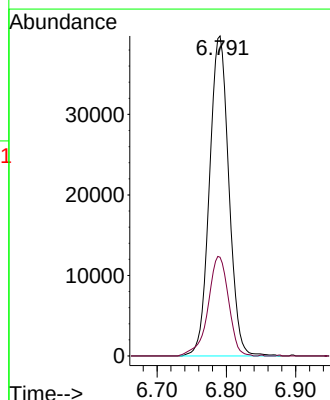
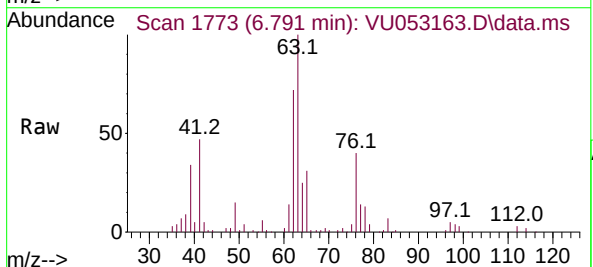
Acq: 28 Feb 2023 09:37

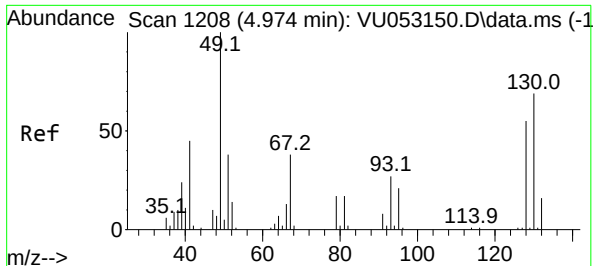
Tgt Ion: 63 Resp: 77010

Ion Ratio Lower Upper

63 100

65 30.6 25.5 38.3





#39

Methacrylonitrile

Concen: 9.161 ug/l

RT: 4.974 min Scan# 1169

Delta R.T. -0.000 min

Lab File: VU053163.D

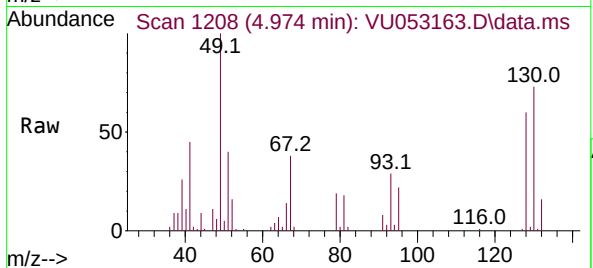
Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion: 41 Resp: 22479

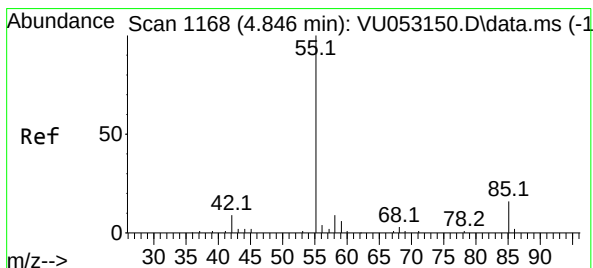
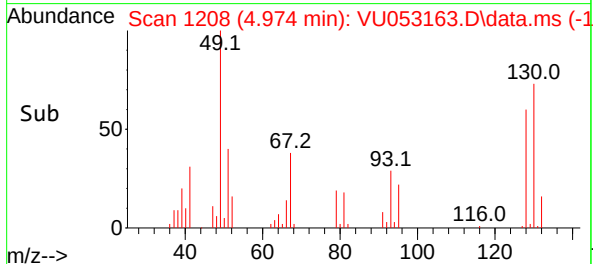
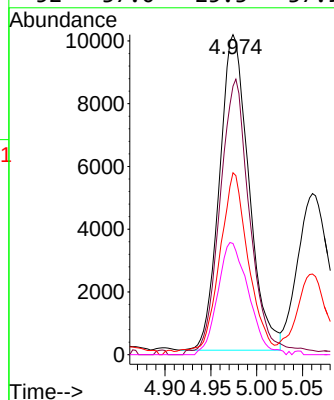
Ion Ratio Lower Upper

41 100

67 89.1 67.1 100.7

39 55.1 42.6 64.0

52 37.0 25.3 37.9



#40

Methyl acrylate

Concen: 10.430 ug/l

RT: 4.849 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Tgt Ion: 55 Resp: 39558

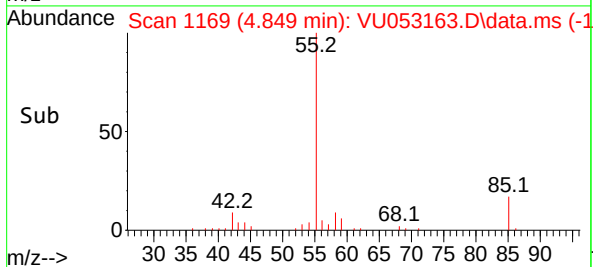
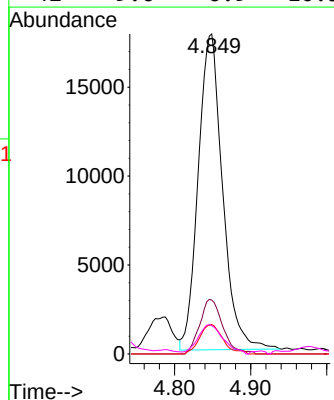
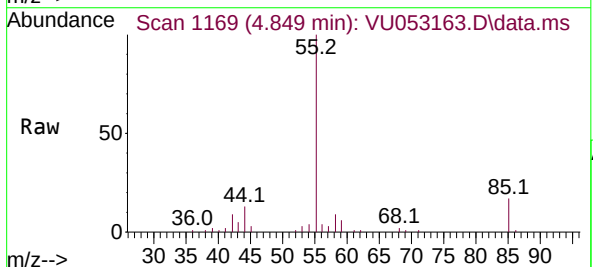
Ion Ratio Lower Upper

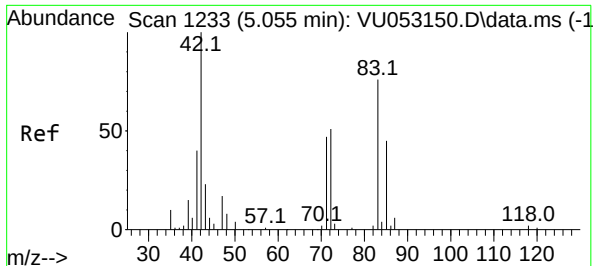
55 100

85 16.3 13.5 20.3

58 8.8 7.3 10.9

42 9.6 6.9 10.3





#41

Tetrahydrofuran

Concen: 19.317 ug/l

RT: 5.058 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

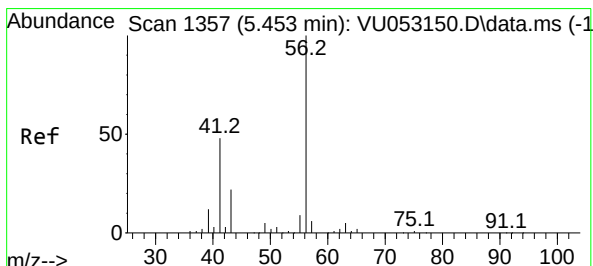
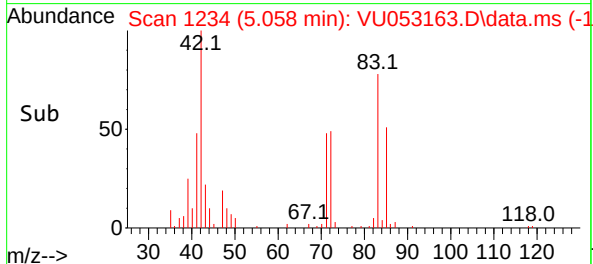
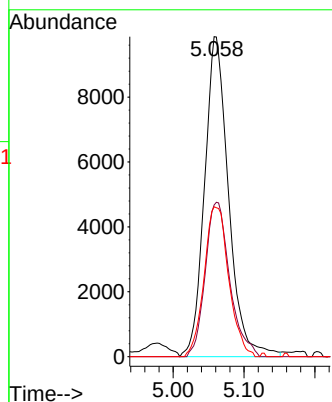
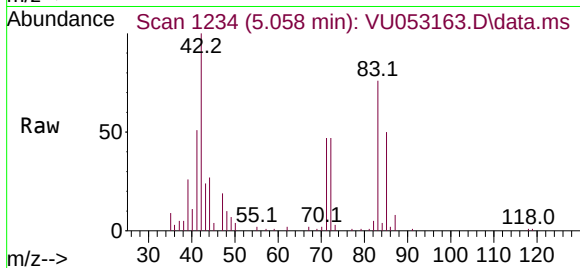
Tgt Ion: 42 Resp: 23241

Ion Ratio Lower Upper

42 100

72 49.1 41.6 62.4

71 47.9 37.9 56.9



#42

1-Chlorobutane

Concen: 9.788 ug/l

RT: 5.456 min Scan# 1358

Delta R.T. 0.003 min

Lab File: VU053163.D

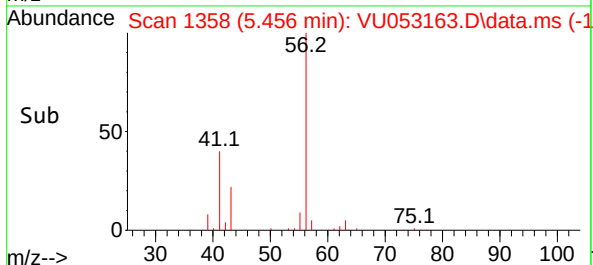
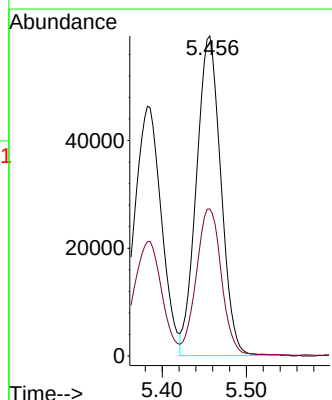
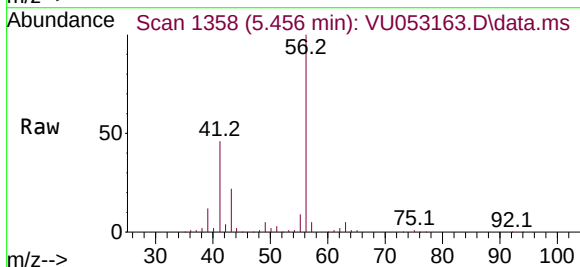
Acq: 28 Feb 2023 09:37

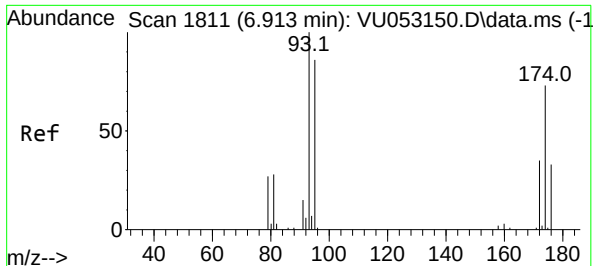
Tgt Ion: 56 Resp: 119600

Ion Ratio Lower Upper

56 100

41 46.4 23.7 71.1





#43

Dibromomethane

Concen: 10.399 ug/l

RT: 6.916 min Scan# 1811

Delta R.T. 0.003 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

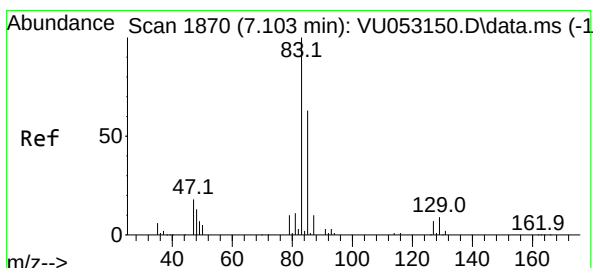
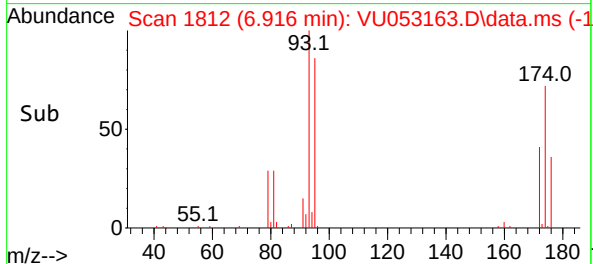
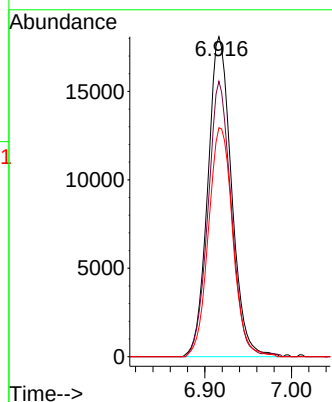
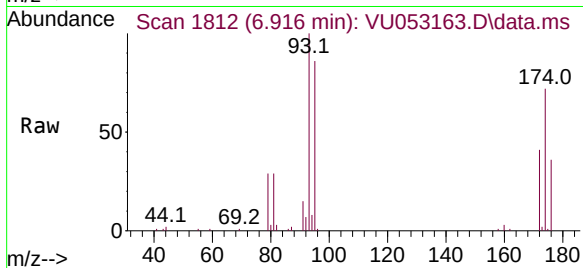
Tgt Ion: 93 Resp: 34523

Ion Ratio Lower Upper

93 100

95 84.0 66.5 99.7

174 73.0 58.2 87.4



#44

Bromodichloromethane

Concen: 10.586 ug/l

RT: 7.103 min Scan# 1870

Delta R.T. -0.000 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

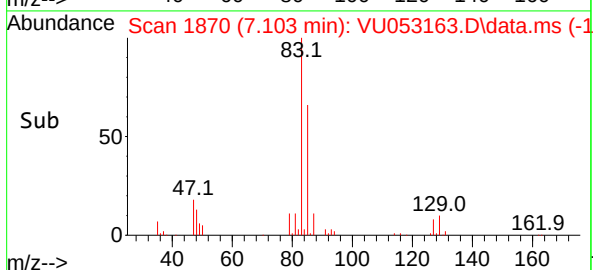
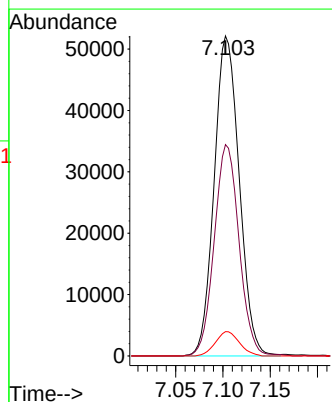
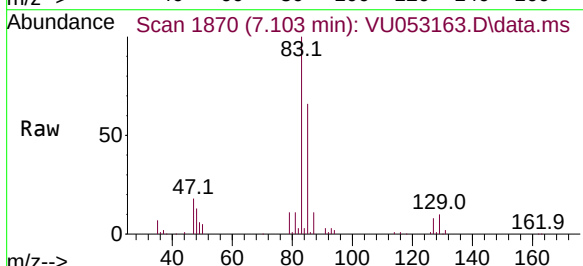
Tgt Ion: 83 Resp: 96145

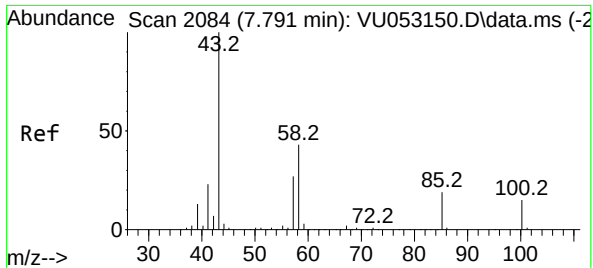
Ion Ratio Lower Upper

83 100

85 66.1 50.6 75.8

127 7.6 5.8 8.8

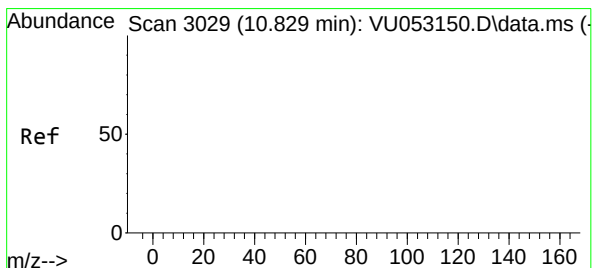
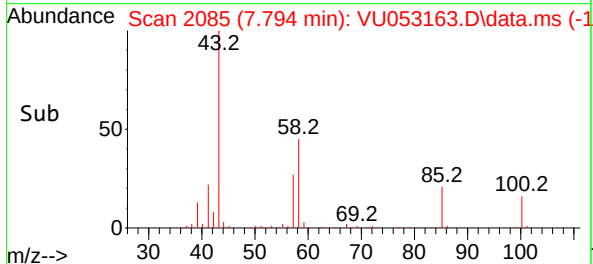
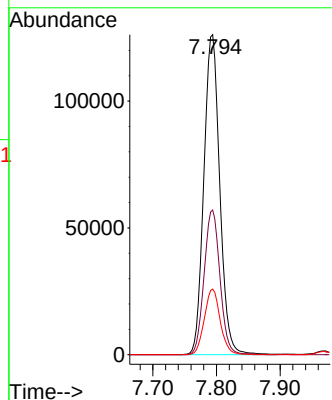
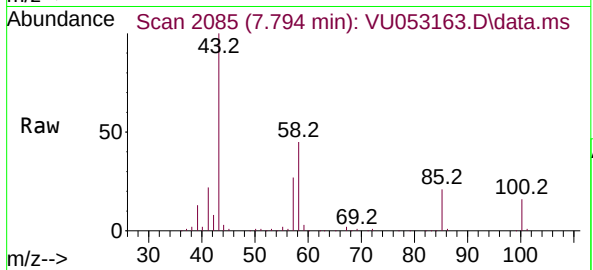




#45
4-Methyl-2-Pentanone
Concen: 54.254 ug/l
RT: 7.794 min Scan# 2084
Delta R.T. 0.003 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

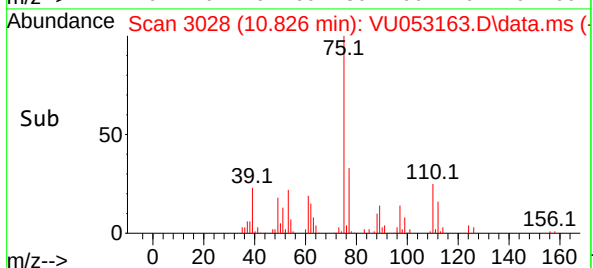
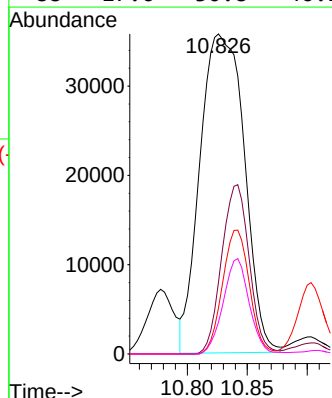
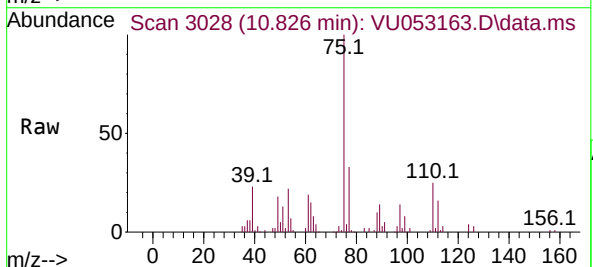
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

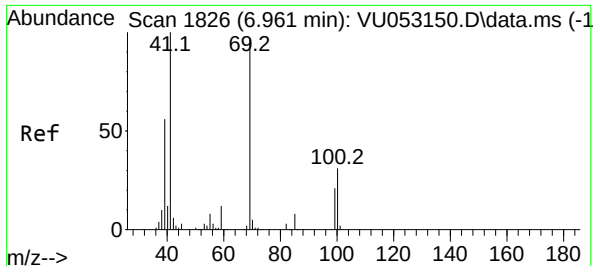
Tgt Ion: 43 Resp: 219923
Ion Ratio Lower Upper
43 100
58 45.1 22.0 66.0
85 20.4 15.7 23.5



#46
t-1,4-Dichloro-2-butene
Concen: 44.895 ug/l
RT: 10.826 min Scan# 3028
Delta R.T. -0.003 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion: 75 Resp: 91706
Ion Ratio Lower Upper
75 100
53 33.1 57.0 85.4#
89 23.6 43.1 64.7#
88 17.6 30.8 46.2#





#47

Methyl methacrylate

Concen: 21.649 ug/l

RT: 6.961 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 73983

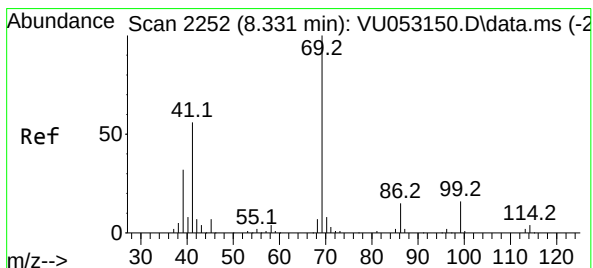
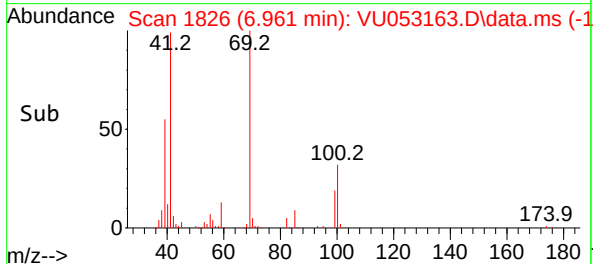
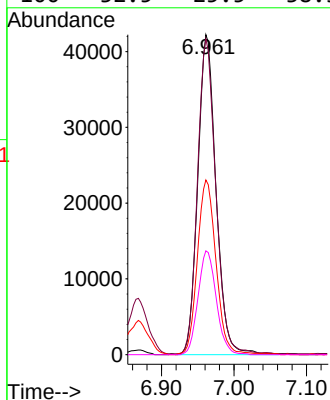
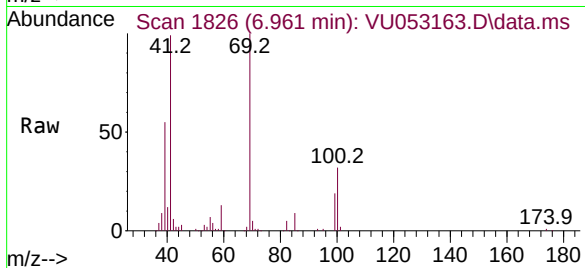
Ion Ratio Lower Upper

69 100

41 97.9 0.0 201.0

39 55.6 47.1 70.7

100 32.5 25.5 38.3



#48

Ethyl methacrylate

Concen: 10.693 ug/l

RT: 8.334 min Scan# 2253

Delta R.T. 0.003 min

Lab File: VU053163.D

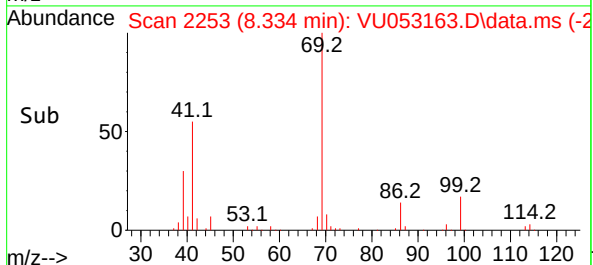
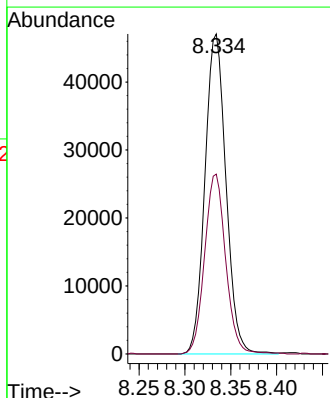
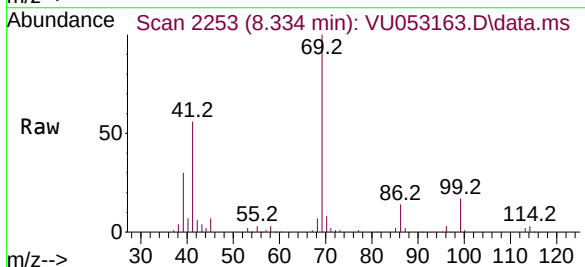
Acq: 28 Feb 2023 09:37

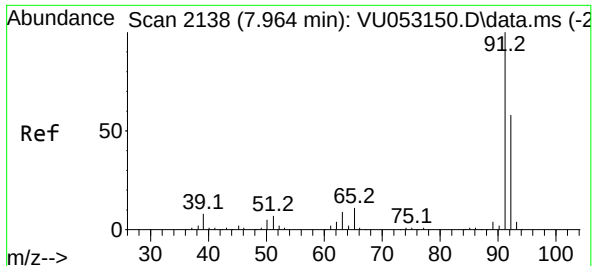
Tgt Ion: 69 Resp: 74985

Ion Ratio Lower Upper

69 100

41 56.3 28.2 84.6





#49

Toluene

Concen: 10.457 ug/l

RT: 7.968 min Scan# 2139

Delta R.T. 0.003 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

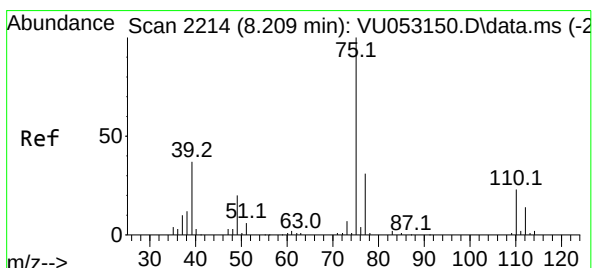
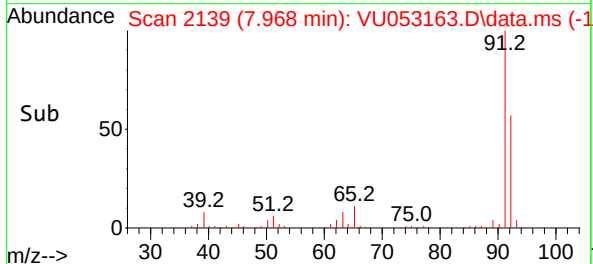
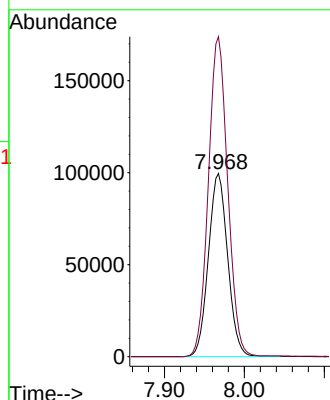
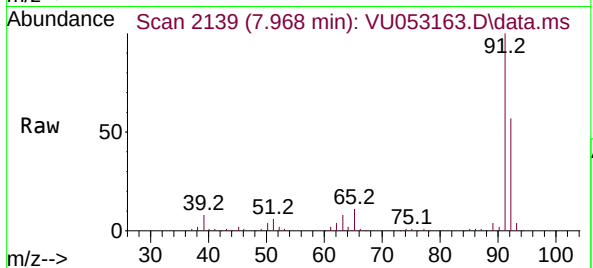
VSTDCCC010

Tgt Ion: 92 Resp: 166801

Ion Ratio Lower Upper

92 100

91 174.8 138.2 207.2



#50

t-1,3-Dichloropropene

Concen: 10.622 ug/l

RT: 8.209 min Scan# 2214

Delta R.T. -0.000 min

Lab File: VU053163.D

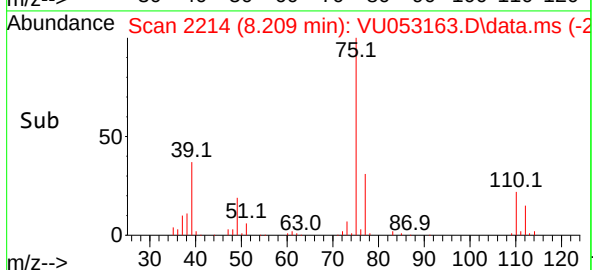
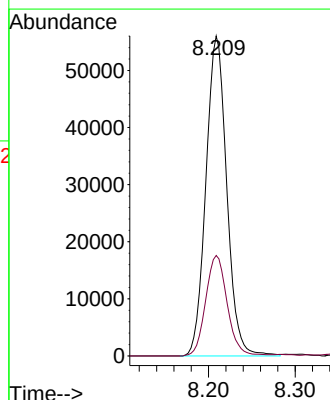
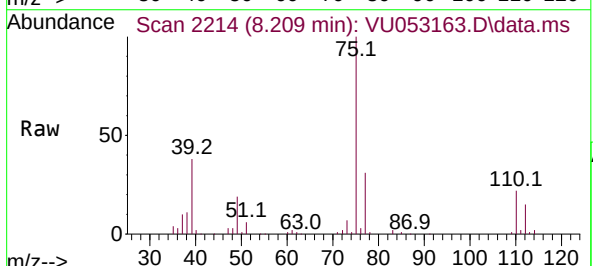
Acq: 28 Feb 2023 09:37

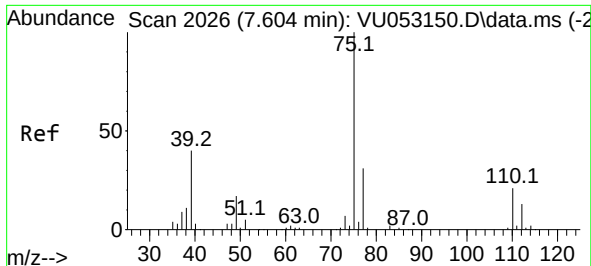
Tgt Ion: 75 Resp: 93719

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7





#51

cis-1,3-Dichloropropene

Concen: 10.559 ug/l

RT: 7.604 min Scan# 2026

Delta R.T. -0.000 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

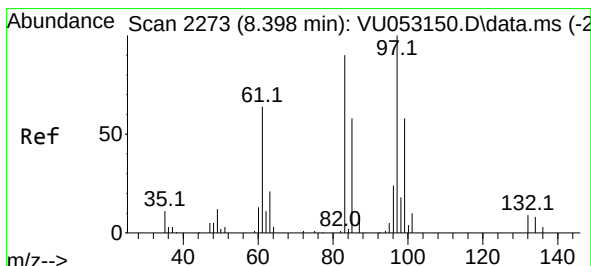
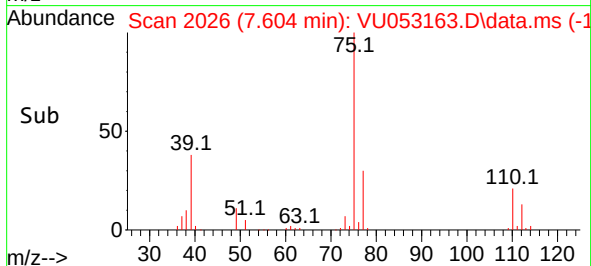
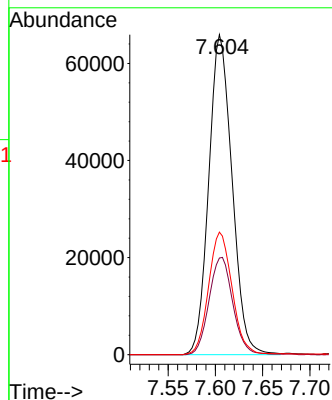
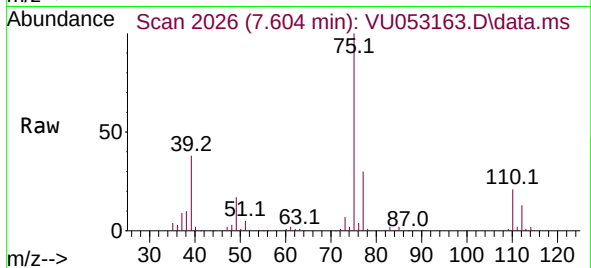
Tgt Ion: 75 Resp: 112901

Ion Ratio Lower Upper

75 100

77 30.2 24.9 37.3

39 38.3 32.2 48.2



#52

1,1,2-Trichloroethane

Concen: 10.742 ug/l

RT: 8.398 min Scan# 2273

Delta R.T. -0.000 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Tgt Ion: 97 Resp: 52384

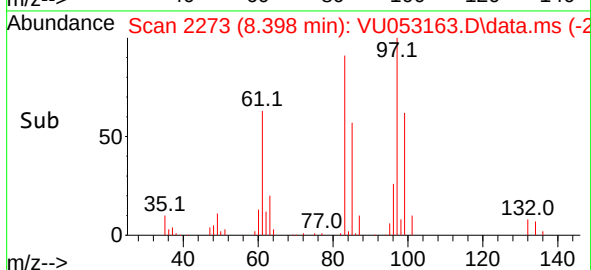
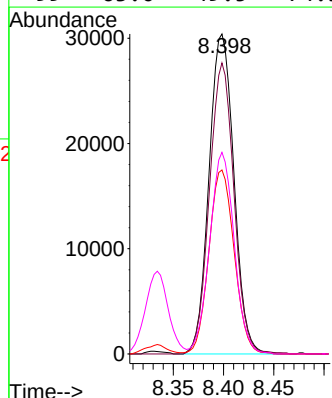
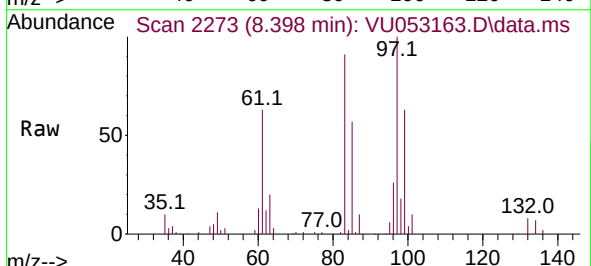
Ion Ratio Lower Upper

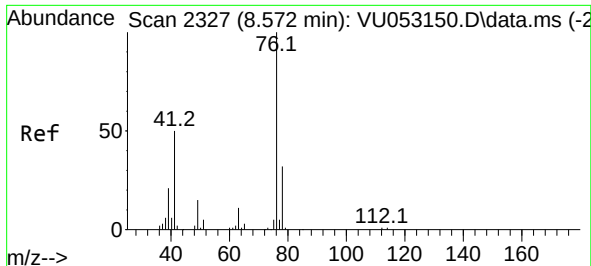
97 100

83 90.9 71.9 107.9

85 57.5 46.5 69.7

99 63.0 49.5 74.3





#53

1,3-Dichloropropane

Concen: 10.580 ug/l

RT: 8.572 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

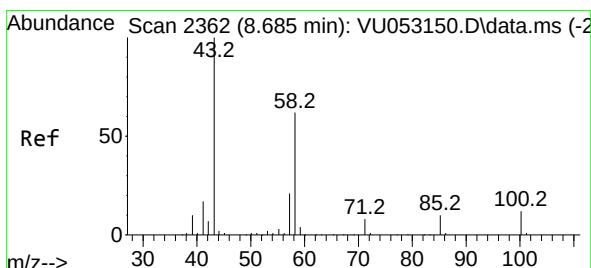
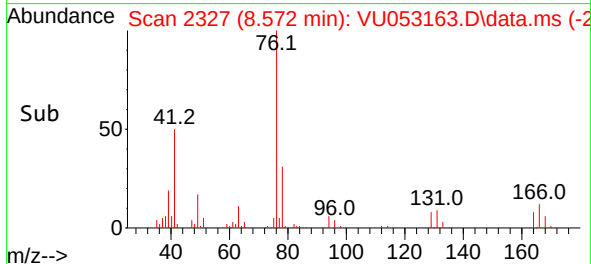
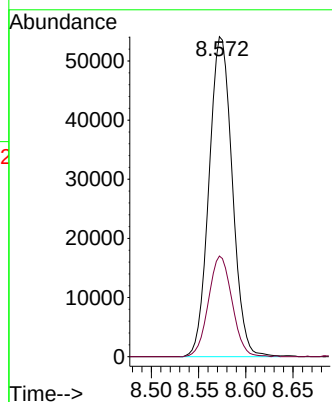
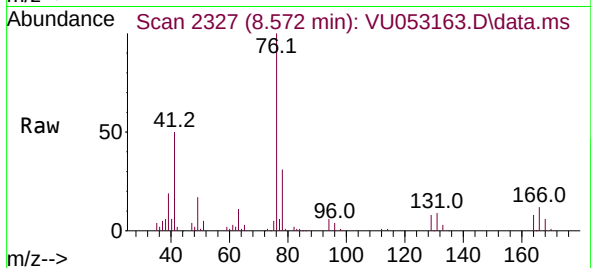
VSTDCCC010

Tgt Ion: 76 Resp: 92502

Ion Ratio Lower Upper

76 100

78 31.9 25.9 38.9



#54

2-Hexanone

Concen: 61.788 ug/l

RT: 8.685 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

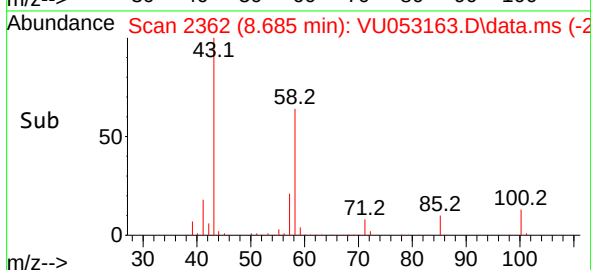
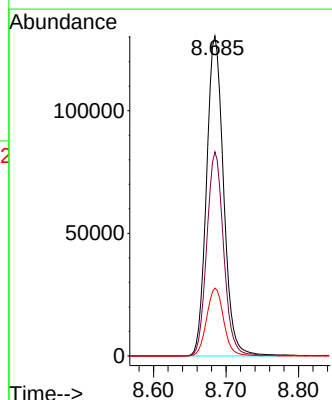
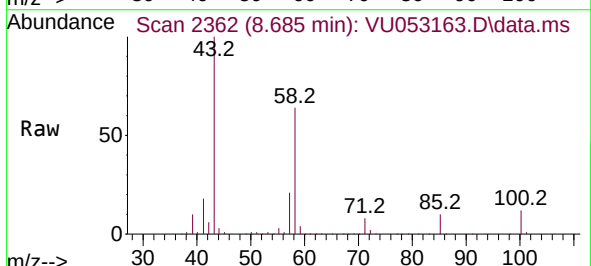
Tgt Ion: 43 Resp: 213402

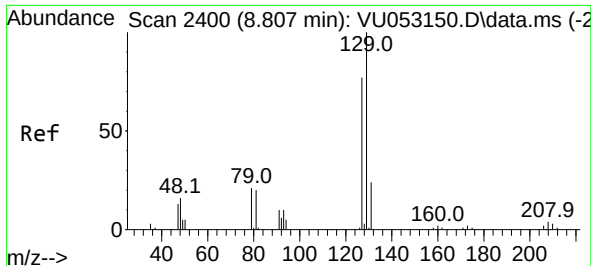
Ion Ratio Lower Upper

43 100

58 62.9 42.0 82.0

57 21.2 1.2 41.2

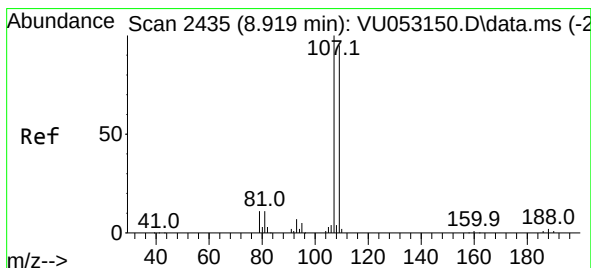
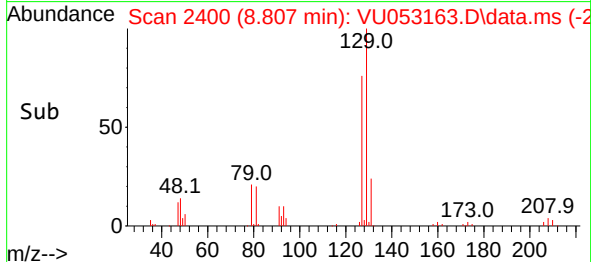
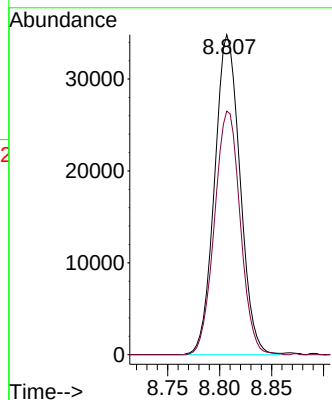
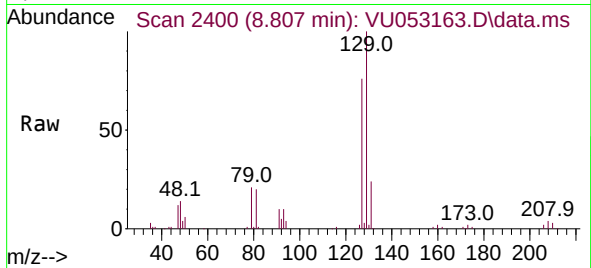




#55
Dibromochloromethane
Concen: 10.660 ug/l
RT: 8.807 min Scan# 2400
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

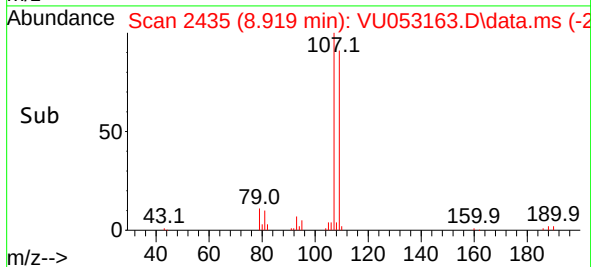
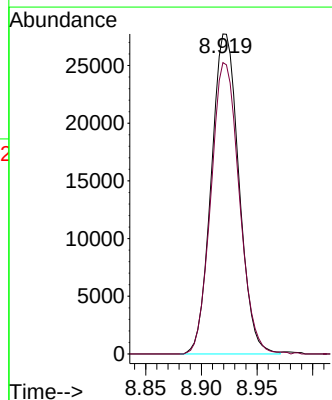
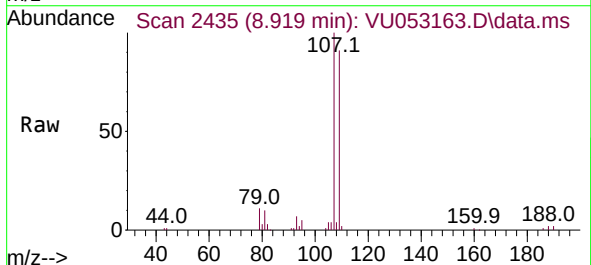
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

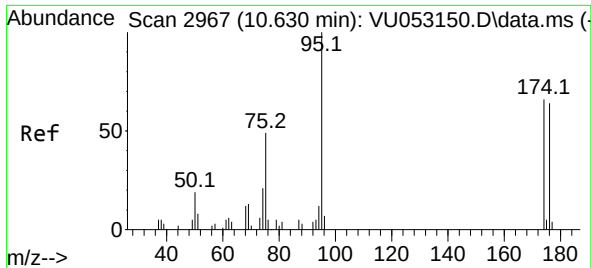
Tgt Ion:129 Resp: 59311
Ion Ratio Lower Upper
129 100
127 77.2 61.1 91.7



#56
1,2-Dibromoethane
Concen: 11.055 ug/l
RT: 8.919 min Scan# 2435
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion:107 Resp: 47897
Ion Ratio Lower Upper
107 100
109 93.1 0.0 186.2

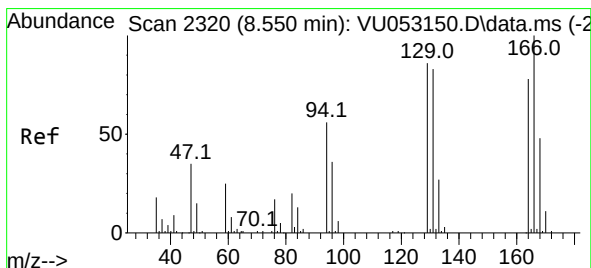
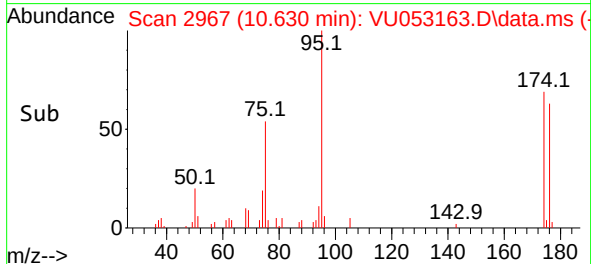
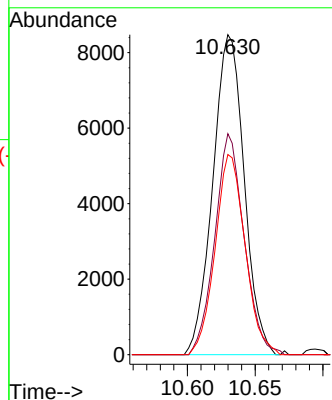
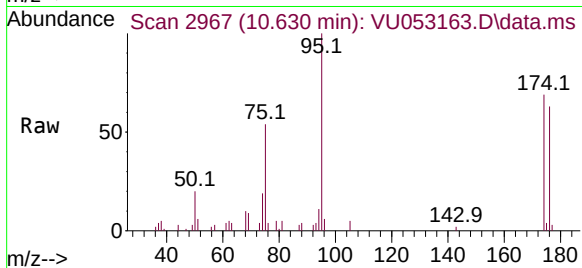




#57
4-Bromofluorobenzene
Concen: 1.252 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

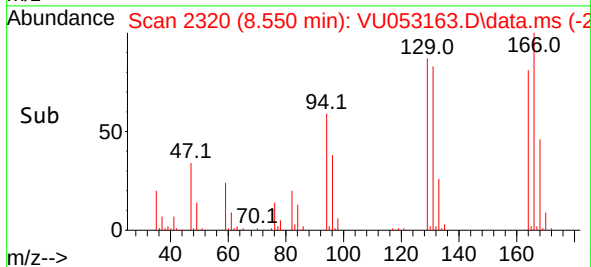
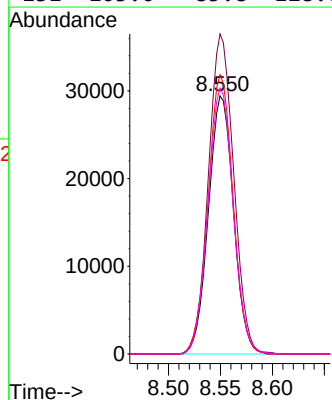
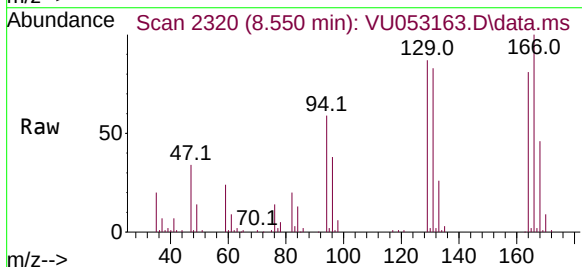
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

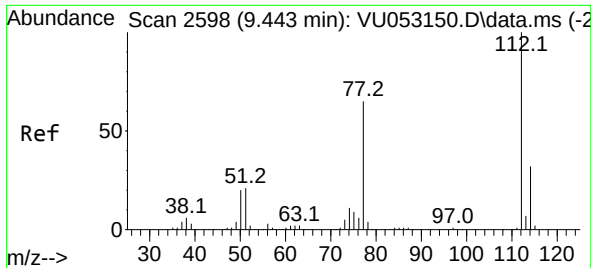
Tgt Ion: 95 Resp: 13652
Ion Ratio Lower Upper
95 100
174 64.5 50.7 76.1
176 59.8 47.8 71.6



#58
Tetrachloroethene
Concen: 10.425 ug/l
RT: 8.550 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion: 164 Resp: 49404
Ion Ratio Lower Upper
164 100
166 124.0 103.2 154.8
129 108.2 88.8 133.2
131 103.0 85.8 128.6

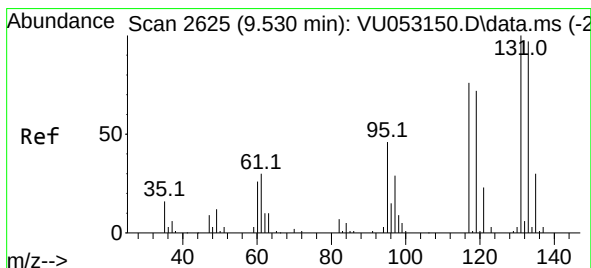
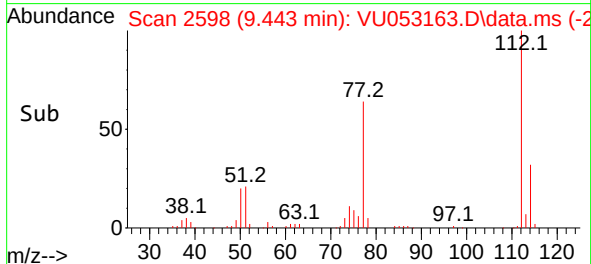
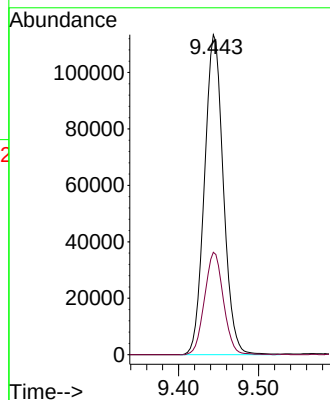
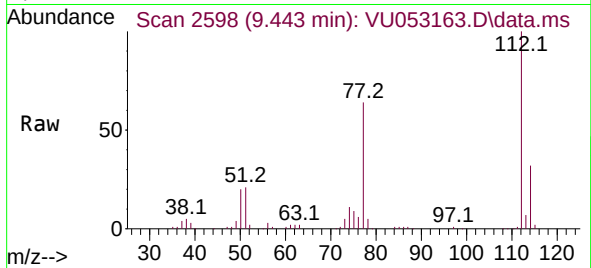




#59
Chlorobenzene
Concen: 10.459 ug/l
RT: 9.443 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

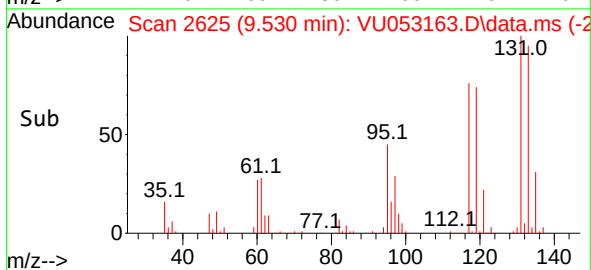
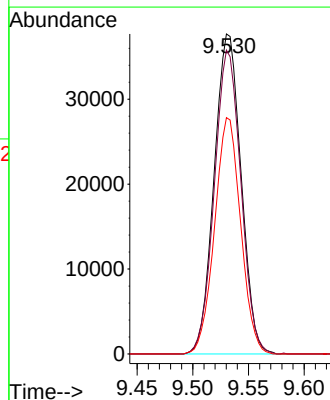
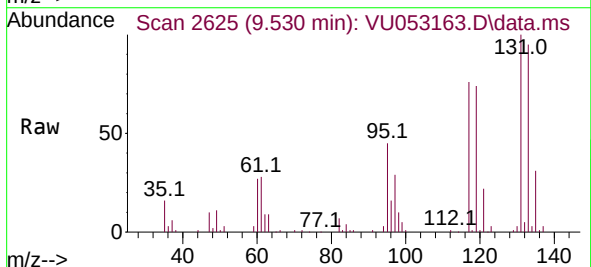
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

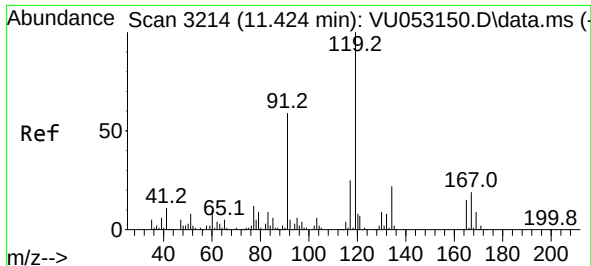
Tgt Ion:112 Resp: 186566
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#60
1,1,1,2-Tetrachloroethane
Concen: 10.743 ug/l
RT: 9.530 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion:131 Resp: 63300
Ion Ratio Lower Upper
131 100
133 93.8 76.7 115.1
119 71.5 57.6 86.4

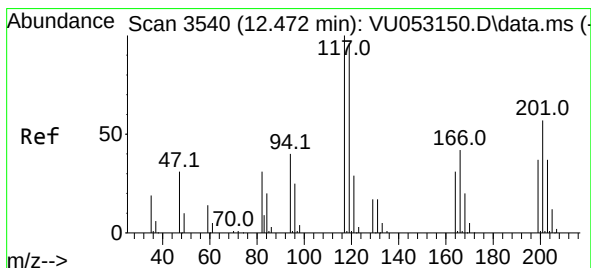
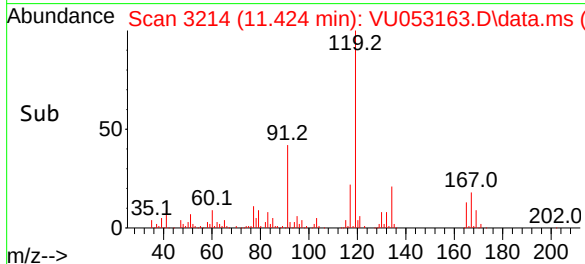
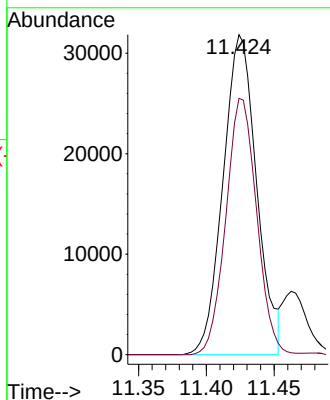
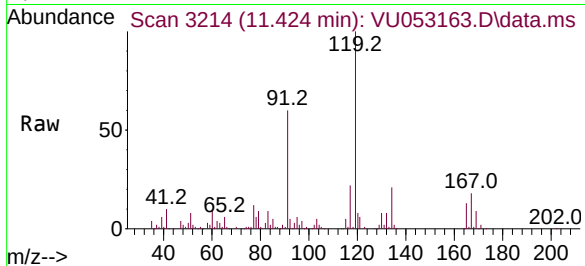




#61
 Pentachloroethane
 Concen: 10.705 ug/l
 RT: 11.424 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053163.D
 Acq: 28 Feb 2023 09:37

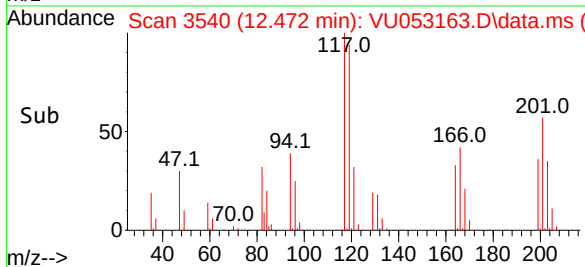
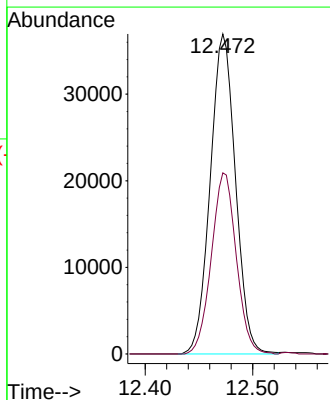
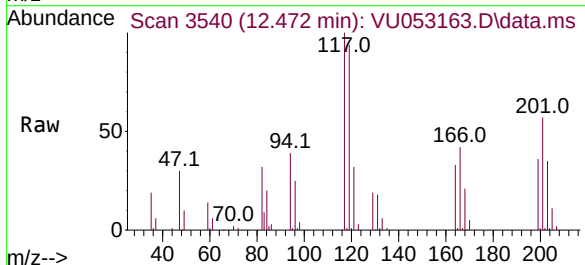
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

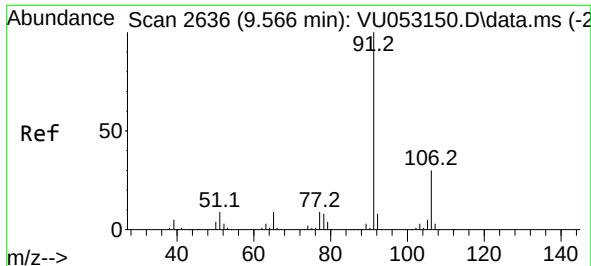
Tgt Ion:117 Resp: 54806
 Ion Ratio Lower Upper
 117 100
 167 73.5 57.5 86.3



#62
 Hexachloroethane
 Concen: 10.674 ug/l
 RT: 12.472 min Scan# 3540
 Delta R.T. -0.000 min
 Lab File: VU053163.D
 Acq: 28 Feb 2023 09:37

Tgt Ion:117 Resp: 60246
 Ion Ratio Lower Upper
 117 100
 201 55.8 46.7 70.1





#63

Ethyl Benzene

Concen: 10.513 ug/l

RT: 9.566 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

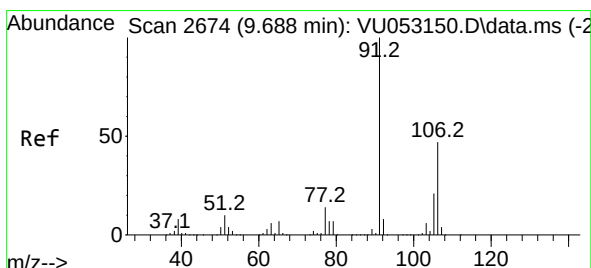
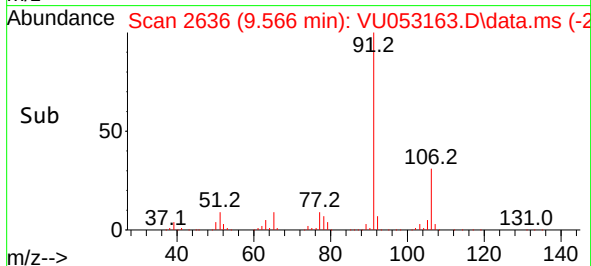
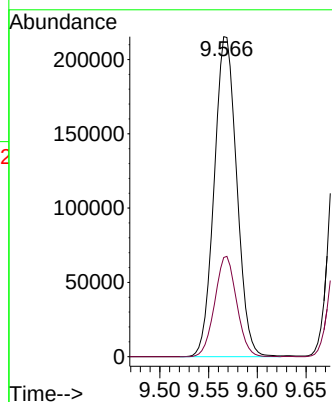
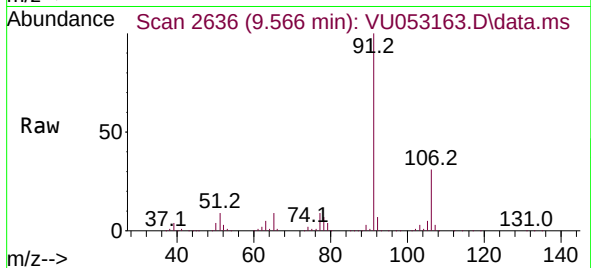
VSTDCCC010

Tgt Ion: 91 Resp: 346086

Ion Ratio Lower Upper

91 100

106 31.0 24.0 36.0



#64

m/p-Xylenes

Concen: 21.515 ug/l

RT: 9.691 min Scan# 2675

Delta R.T. 0.003 min

Lab File: VU053163.D

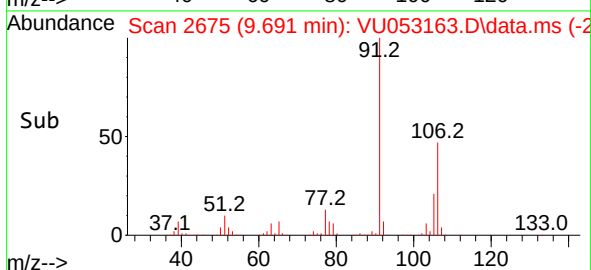
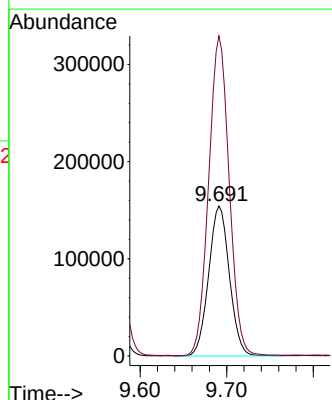
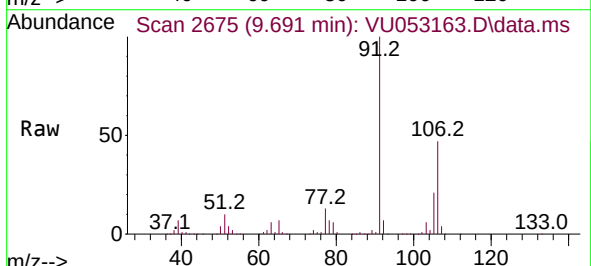
Acq: 28 Feb 2023 09:37

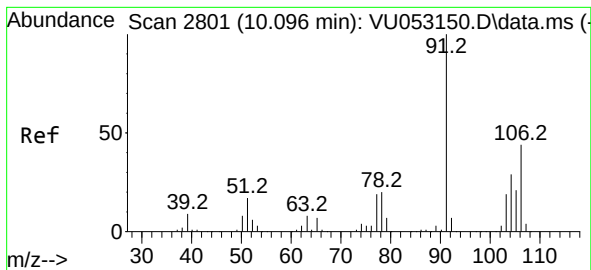
Tgt Ion:106 Resp: 256892

Ion Ratio Lower Upper

106 100

91 210.7 170.7 256.1





#65

o-Xylene

Concen: 10.639 ug/l

RT: 10.096 min Scan# 2801

Delta R.T. -0.000 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

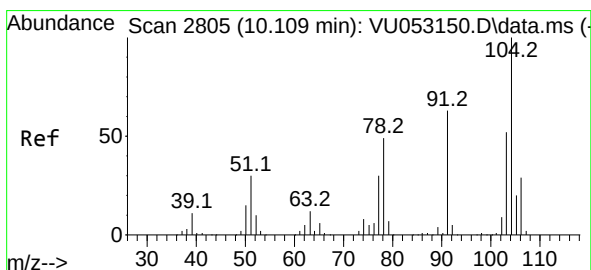
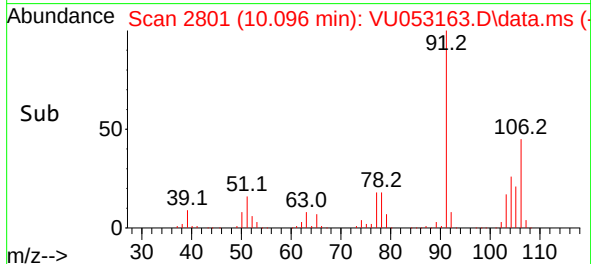
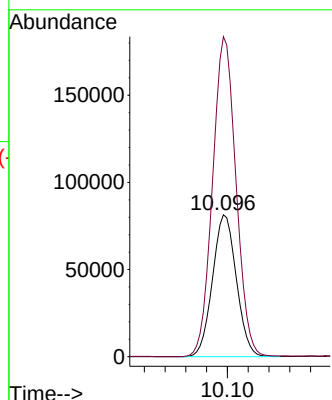
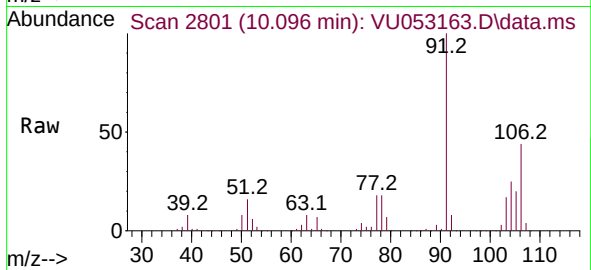
VSTDCCC010

Tgt Ion:106 Resp: 129725

Ion Ratio Lower Upper

106 100

91 222.3 112.8 338.4



#66

Styrene

Concen: 10.929 ug/l

RT: 10.112 min Scan# 2806

Delta R.T. 0.003 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

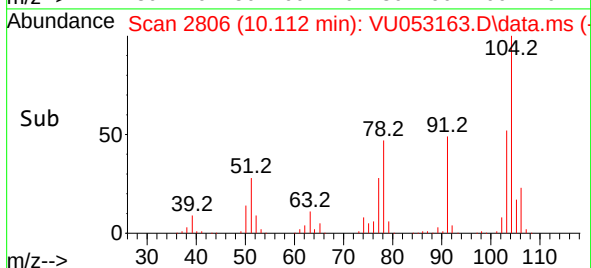
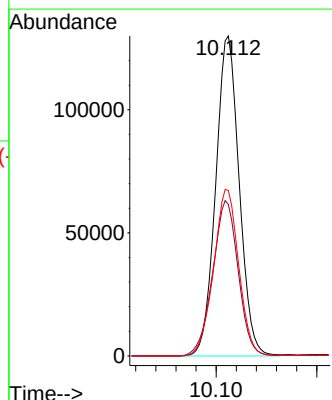
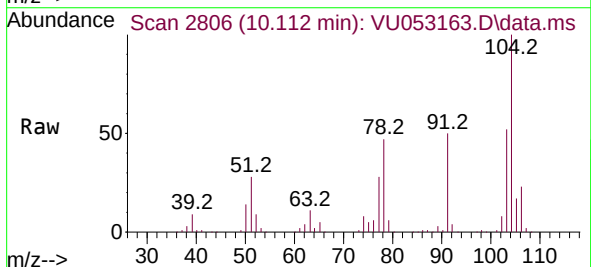
Tgt Ion:104 Resp: 211253

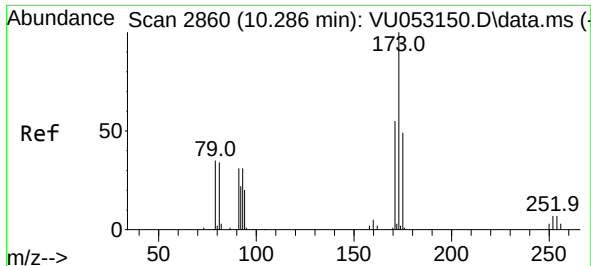
Ion Ratio Lower Upper

104 100

78 52.7 43.3 64.9

103 55.5 45.2 67.8

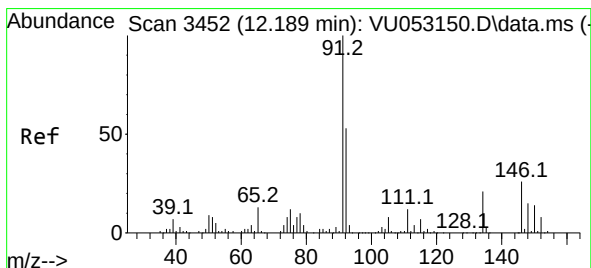
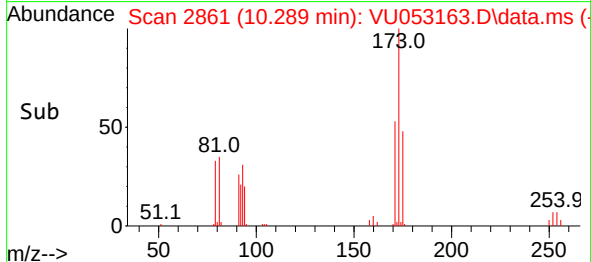
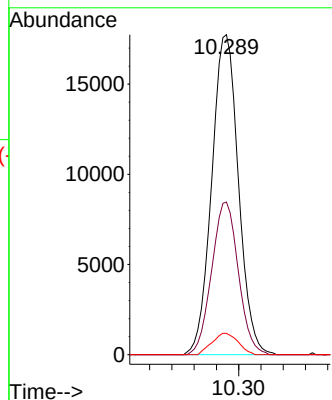
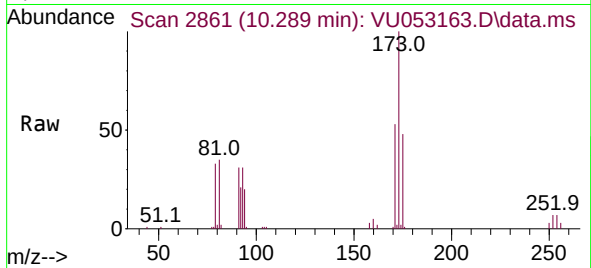




#67
Bromoform
Concen: 10.929 ug/l
RT: 10.289 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

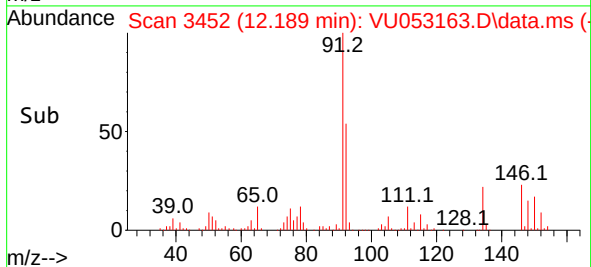
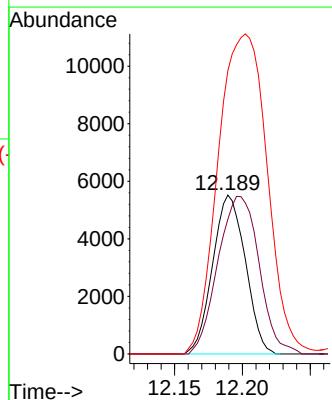
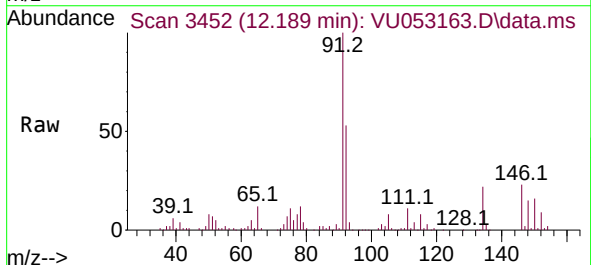
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

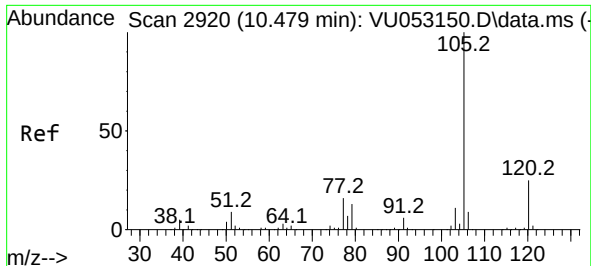
Tgt Ion:173 Resp: 29572
Ion Ratio Lower Upper
173 100
175 47.6 38.7 58.1
254 6.5 5.8 8.8



#68
1,2-Dichlorobenzene-d4
Concen: 1.072 ug/l
RT: 12.189 min Scan# 3452
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion:152 Resp: 9274
Ion Ratio Lower Upper
152 100
115 124.5 0.0 267.8
150 301.3 0.0 623.0

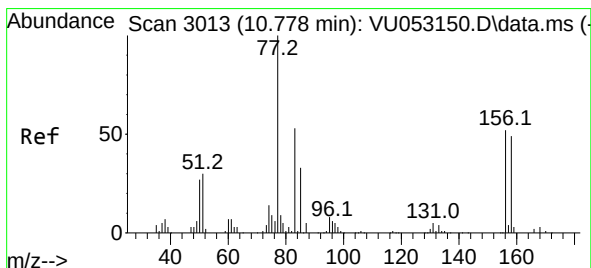
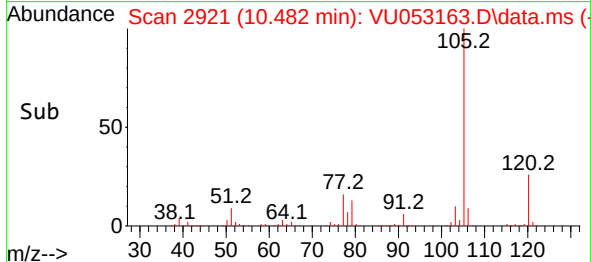
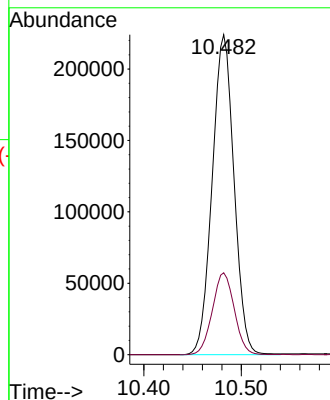
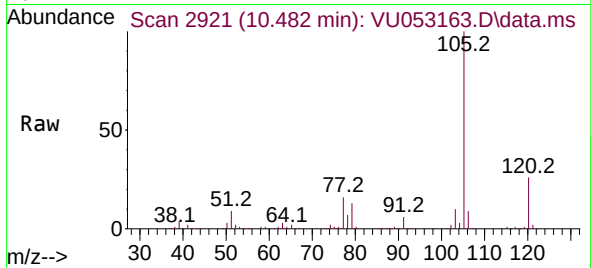




#69
Isopropylbenzene
Concen: 10.667 ug/l
RT: 10.482 min Scan# 2920
Delta R.T. 0.003 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

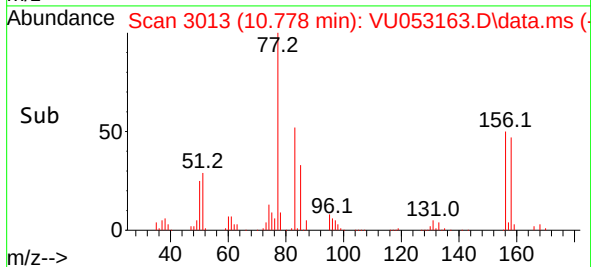
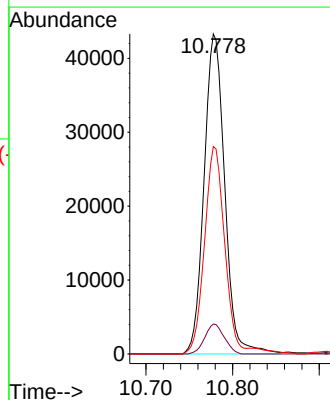
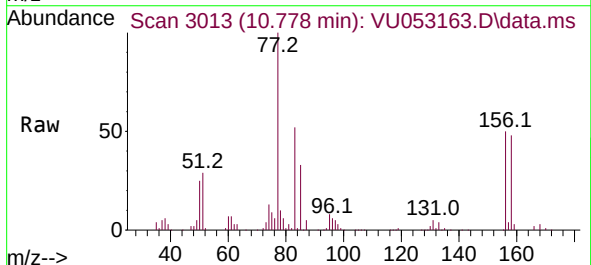
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

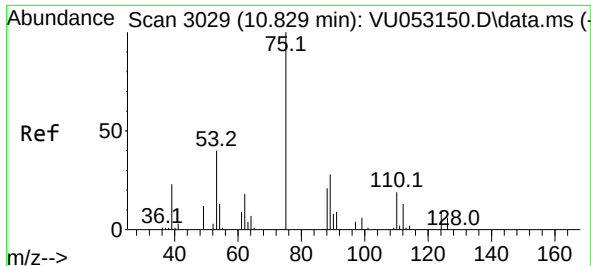
Tgt Ion:105 Resp: 348343
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.6



#70
1,1,2,2-Tetrachloroethane
Concen: 10.902 ug/l
RT: 10.778 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion: 83 Resp: 71645
Ion Ratio Lower Upper
83 100
131 8.8 6.6 9.8
85 62.8 49.3 73.9

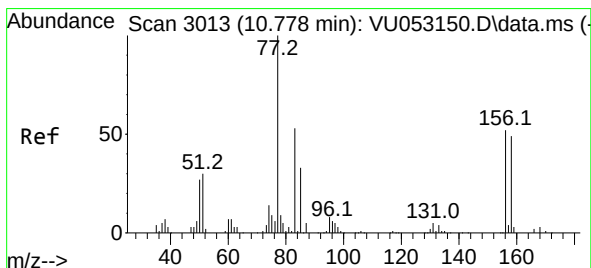
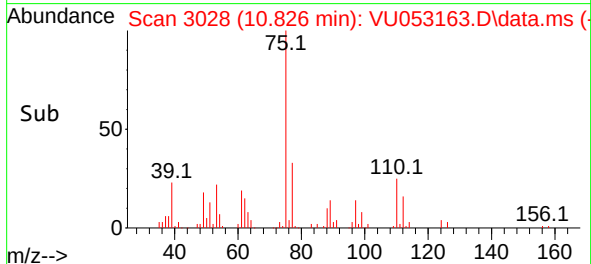
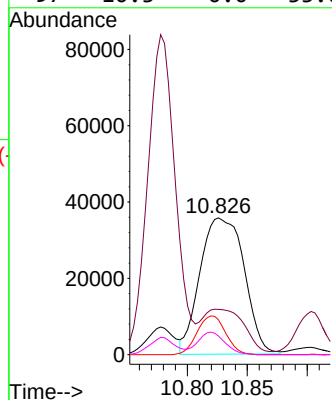
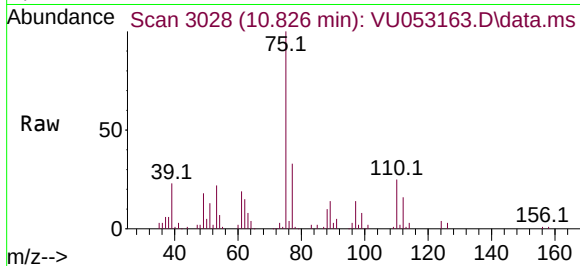




#71
1,2,3-Trichloropropane
Concen: 16.213 ug/l
RT: 10.826 min Scan# 3029
Delta R.T. -0.003 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

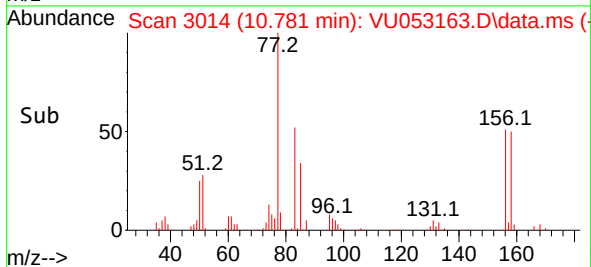
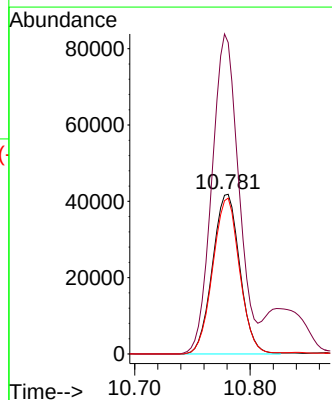
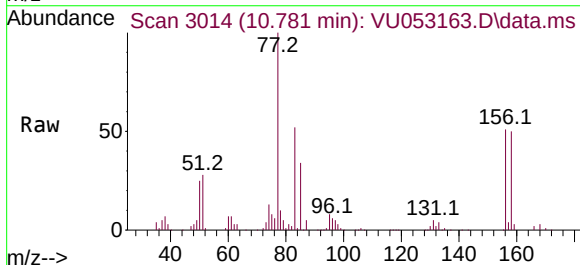
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

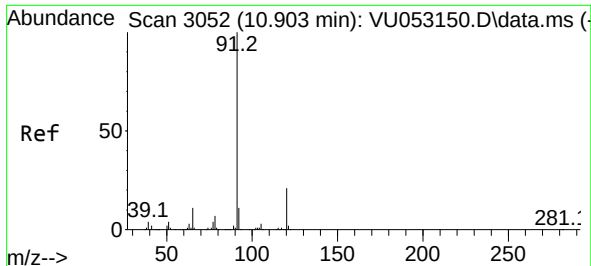
Tgt Ion:	75	Resp:	91706
Ion	Ratio	Lower	Upper
75	100		
77	29.8	0.0	98.2
110	18.4	0.0	57.0
97	10.3	0.0	33.6



#72
Bromobenzene
Concen: 10.838 ug/l
RT: 10.781 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion:	156	Resp:	68679
Ion	Ratio	Lower	Upper
156	100		
77	197.0	0.0	397.0
158	95.9	0.0	189.2

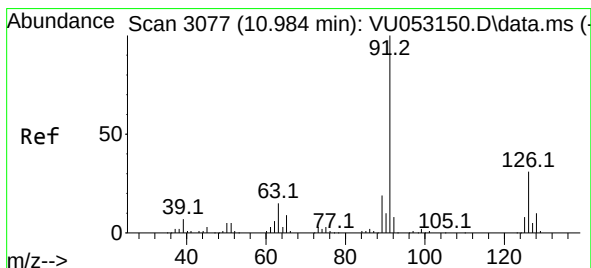
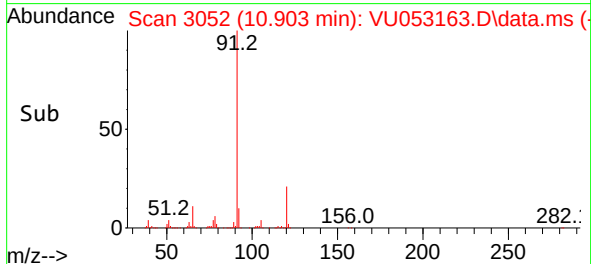
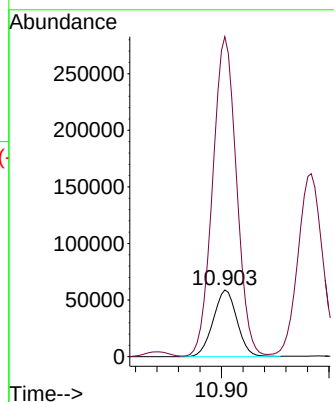
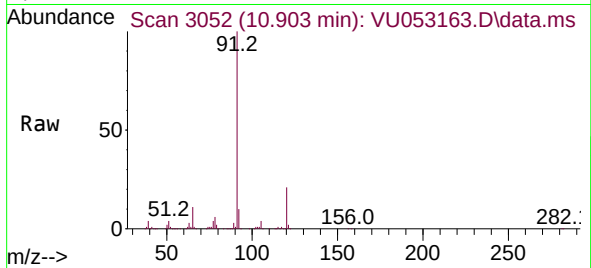




#73
n-propylbenzene
Concen: 10.472 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

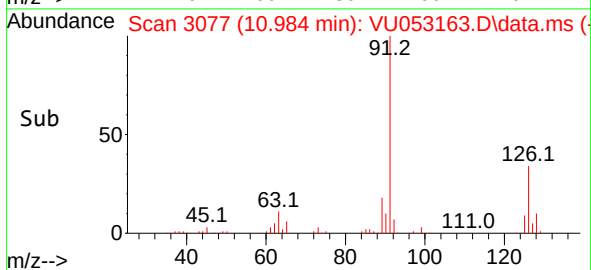
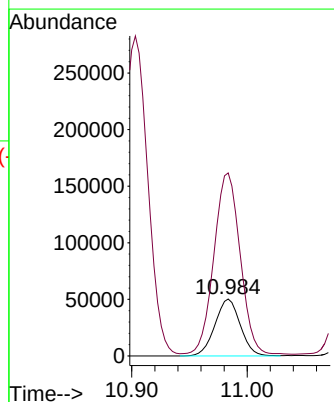
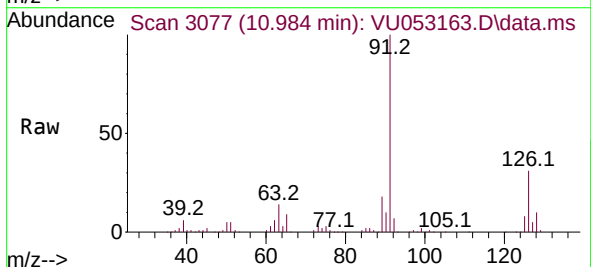
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

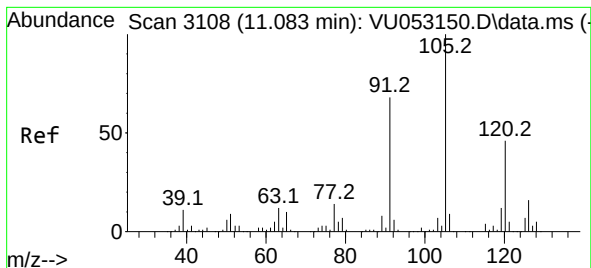
Tgt Ion:120 Resp: 90736
Ion Ratio Lower Upper
120 100
91 478.9 372.5 558.7



#74
2-Chlorotoluene
Concen: 10.697 ug/l
RT: 10.984 min Scan# 3077
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion:126 Resp: 76740
Ion Ratio Lower Upper
126 100
91 334.3 0.0 658.6





#75

1,3,5-Trimethylbenzene

Concen: 10.743 ug/l

RT: 11.083 min Scan# 3108

Delta R.T. -0.000 min

Lab File: VU053163.D

Acq: 28 Feb 2023 09:37

Instrument :

MSVOA_U

ClientSampleId :

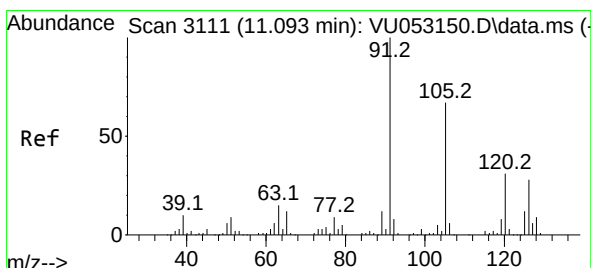
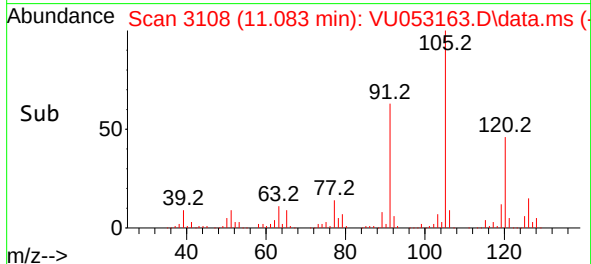
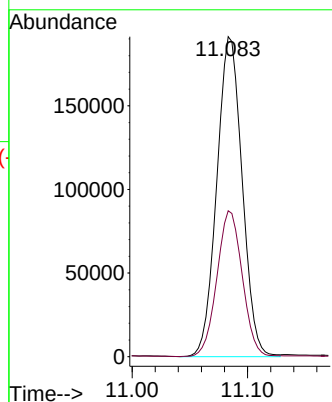
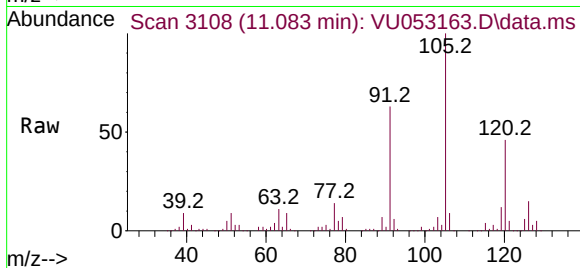
VSTDCCC010

Tgt Ion:105 Resp: 291942

Ion Ratio Lower Upper

105 100

120 45.6 36.5 54.7



#76

4-Chlorotoluene

Concen: 10.331 ug/l

RT: 11.093 min Scan# 3111

Delta R.T. -0.000 min

Lab File: VU053163.D

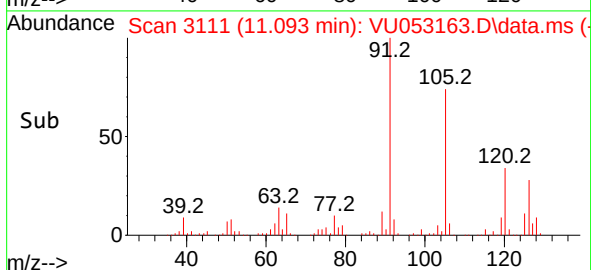
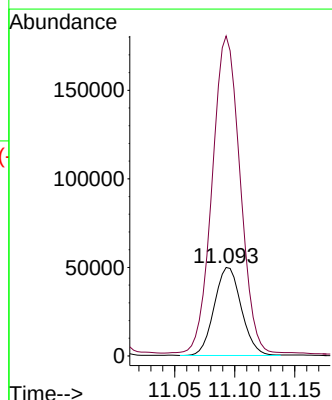
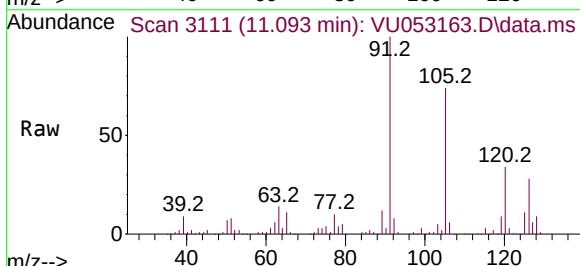
Acq: 28 Feb 2023 09:37

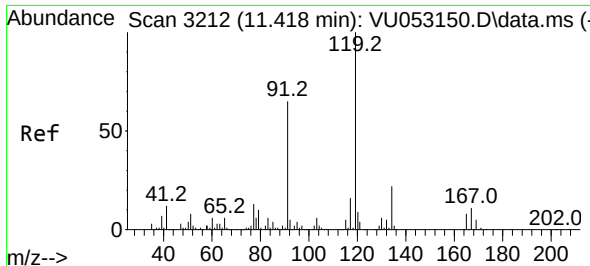
Tgt Ion:126 Resp: 77911

Ion Ratio Lower Upper

126 100

91 375.6 0.0 760.6

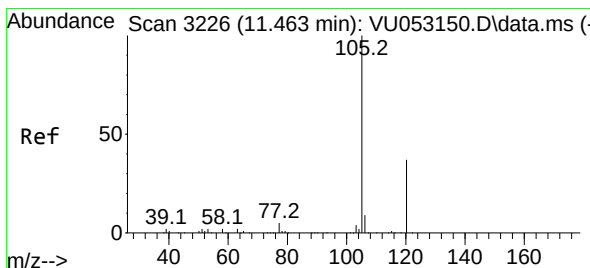
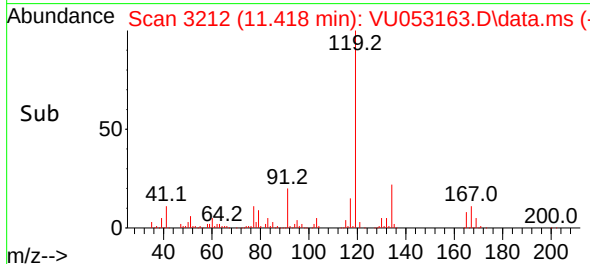
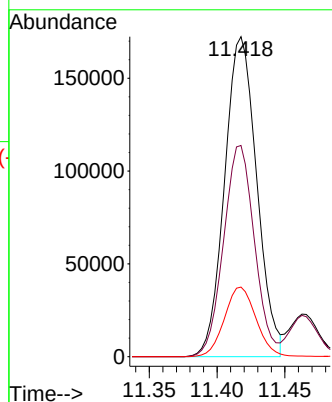
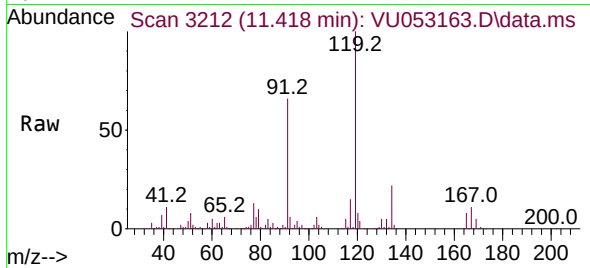




#77
tert-Butylbenzene
Concen: 10.692 ug/l
RT: 11.418 min Scan# 3212
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

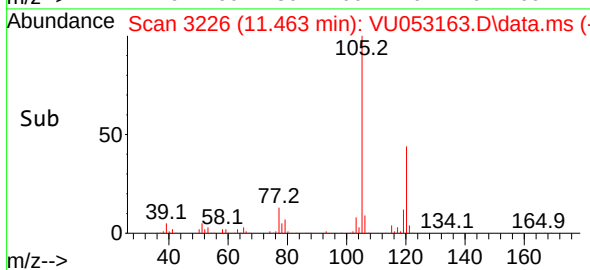
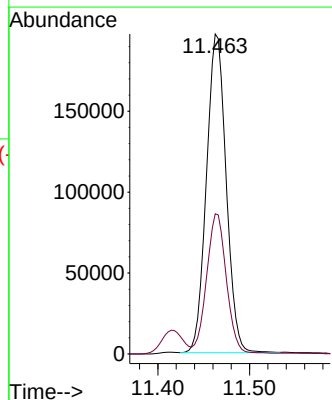
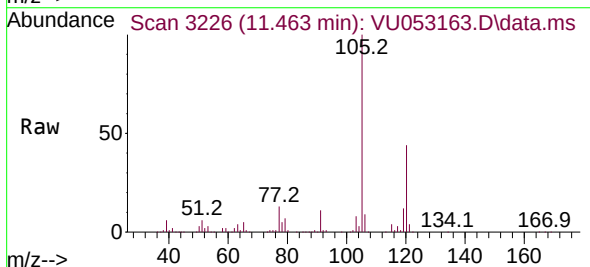
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

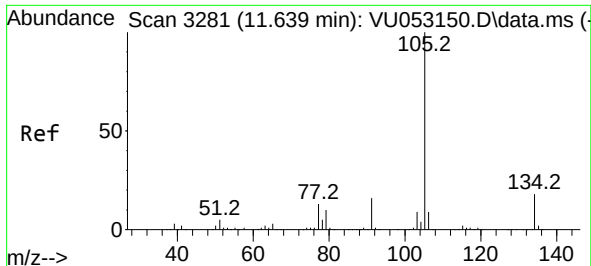
Tgt Ion:119 Resp: 284728
Ion Ratio Lower Upper
119 100
91 63.6 31.9 95.7
134 21.5 17.4 26.0



#78
1,2,4-Trimethylbenzene
Concen: 10.621 ug/l
RT: 11.463 min Scan# 3226
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion:105 Resp: 294146
Ion Ratio Lower Upper
105 100
120 43.7 21.1 63.1

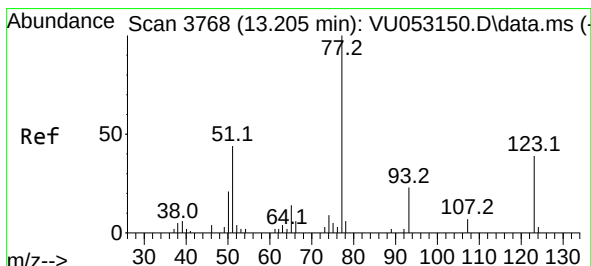
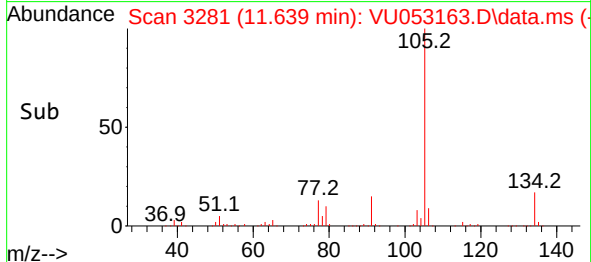
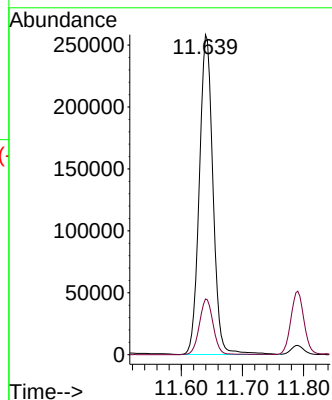
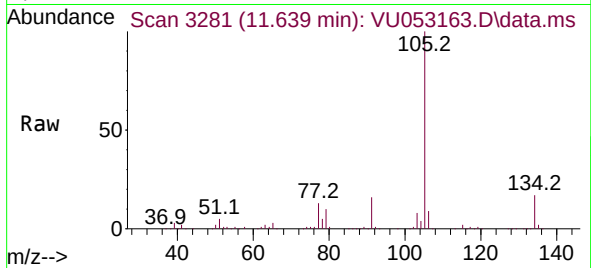




#79
 sec-Butylbenzene
 Concen: 10.821 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053163.D
 Acq: 28 Feb 2023 09:37

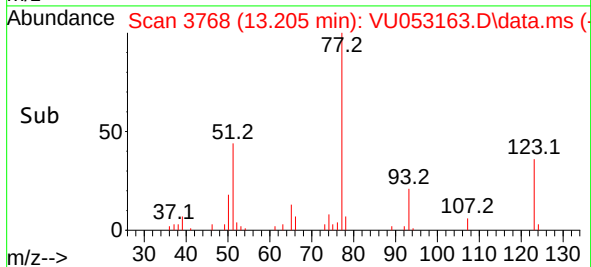
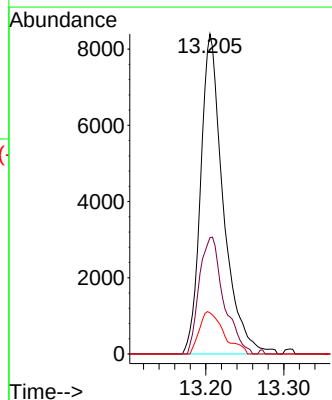
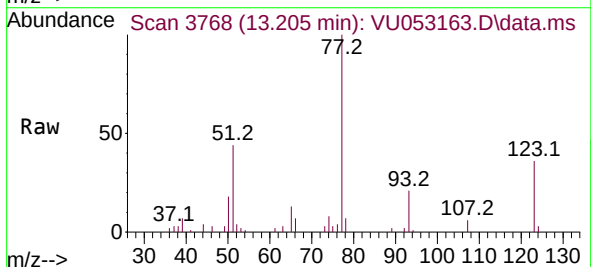
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

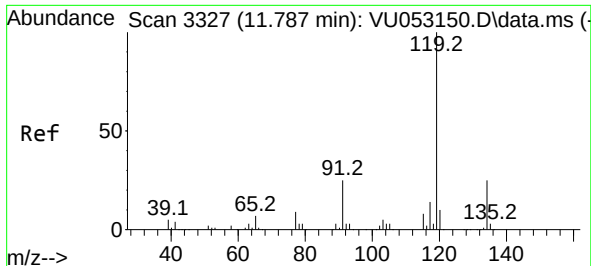
Tgt Ion:105 Resp: 399857
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.4 21.6



#80
 Nitrobenzene
 Concen: 49.246 ug/l
 RT: 13.205 min Scan# 3768
 Delta R.T. -0.000 min
 Lab File: VU053163.D
 Acq: 28 Feb 2023 09:37

Tgt Ion: 77 Resp: 16916
 Ion Ratio Lower Upper
 77 100
 123 39.3 17.0 60.2
 65 14.2 12.9 16.5

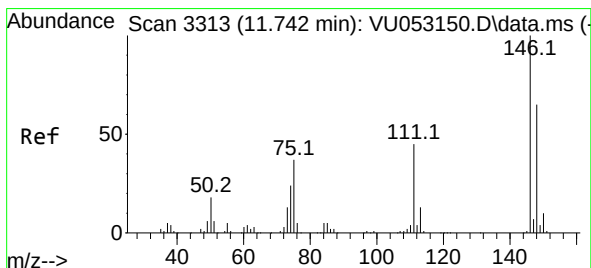
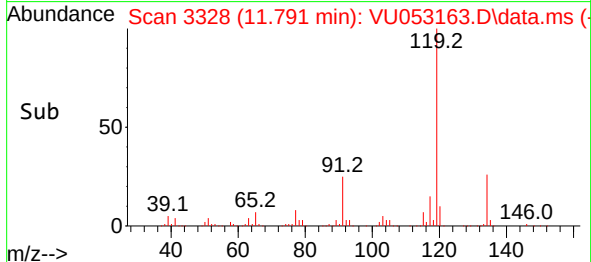
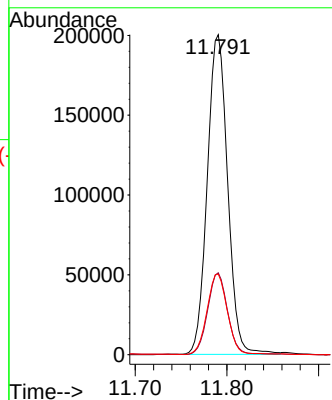
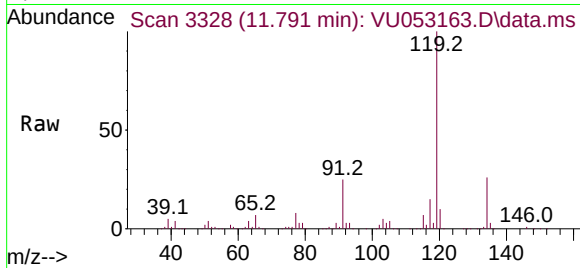




#81
p-Isopropyltoluene
Concen: 10.543 ug/l
RT: 11.791 min Scan# 3328
Delta R.T. 0.003 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

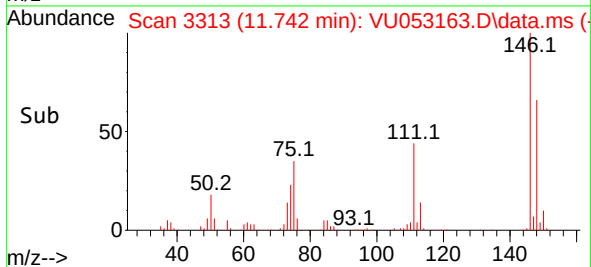
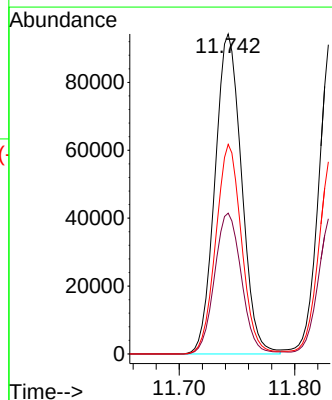
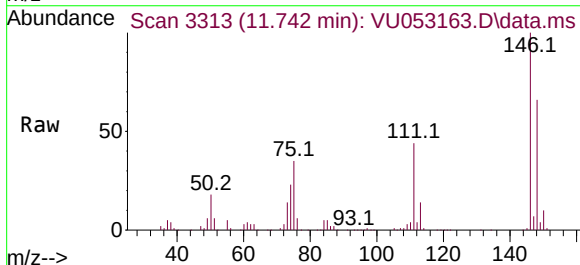
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

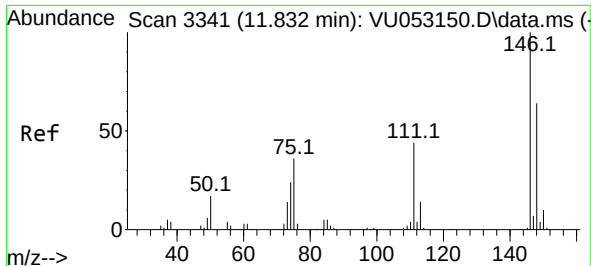
Tgt Ion:119 Resp: 308631
Ion Ratio Lower Upper
119 100
134 25.0 19.8 29.6
91 24.8 20.5 30.7



#82
1,3-Dichlorobenzene
Concen: 10.857 ug/l
RT: 11.742 min Scan# 3313
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion:146 Resp: 151044
Ion Ratio Lower Upper
146 100
111 44.5 36.0 54.0
148 63.6 50.8 76.2

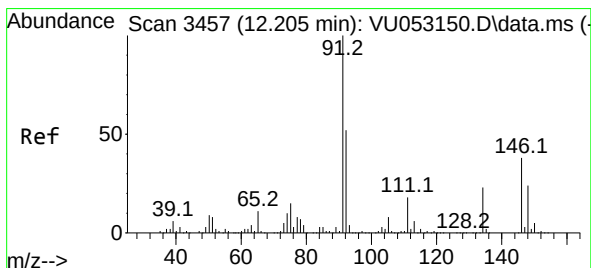
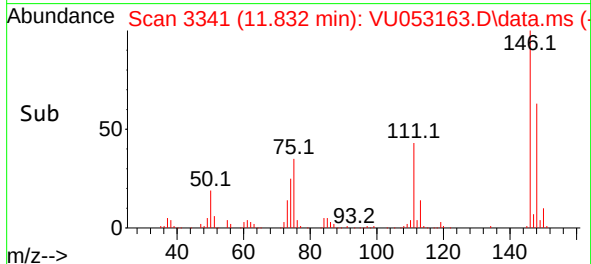
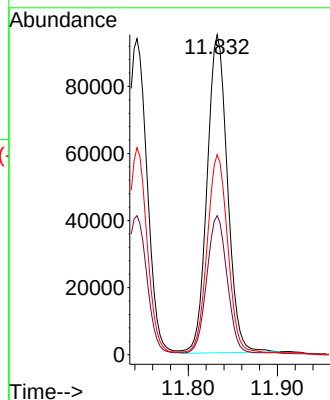
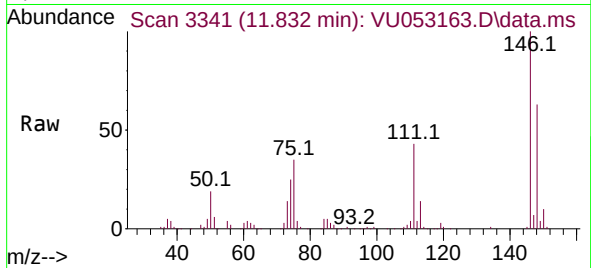




#83
1,4-Dichlorobenzene
Concen: 10.571 ug/l
RT: 11.832 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

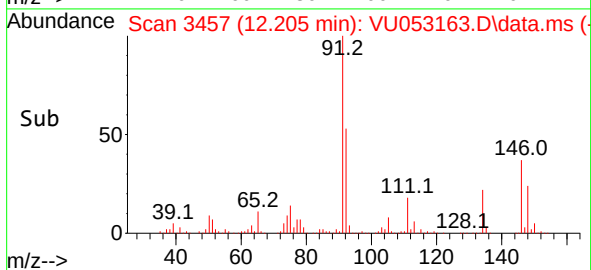
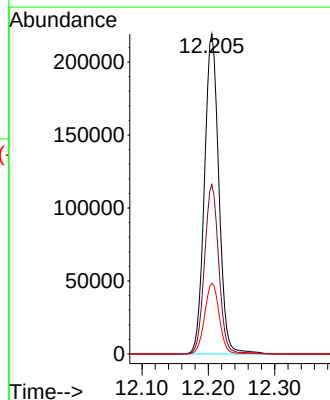
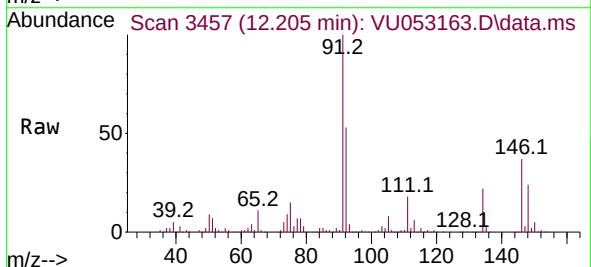
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

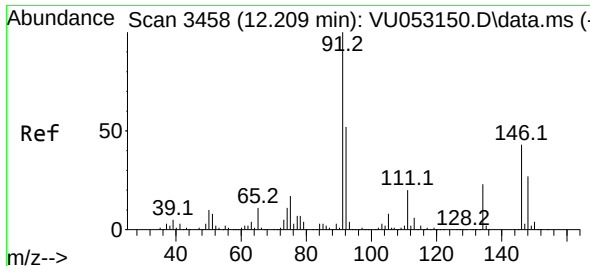
Tgt Ion:146 Resp: 150147
Ion Ratio Lower Upper
146 100
111 42.9 34.0 51.0
148 63.5 49.8 74.6



#84
n-Butylbenzene
Concen: 10.915 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion: 91 Resp: 331042
Ion Ratio Lower Upper
91 100
92 52.5 41.8 62.6
134 22.4 17.9 26.9

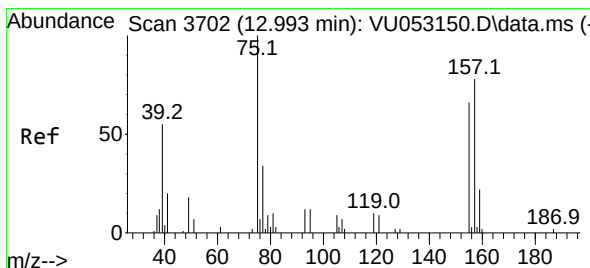
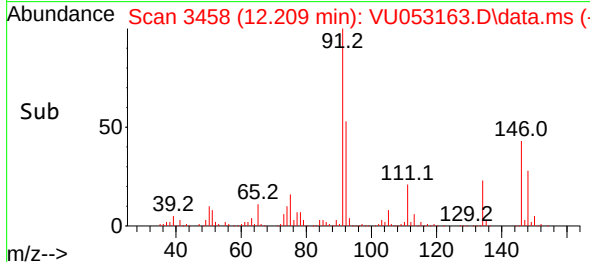
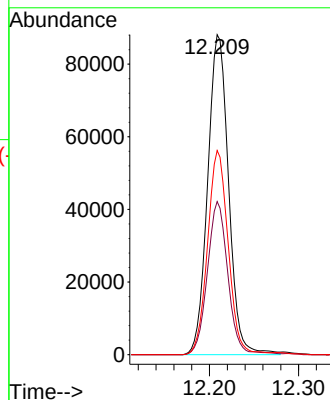
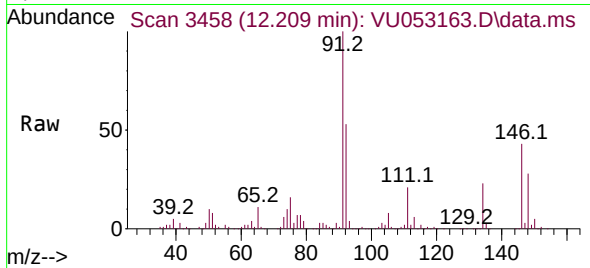




#85
1,2-Dichlorobenzene
Concen: 10.835 ug/l
RT: 12.209 min Scan# 3458
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

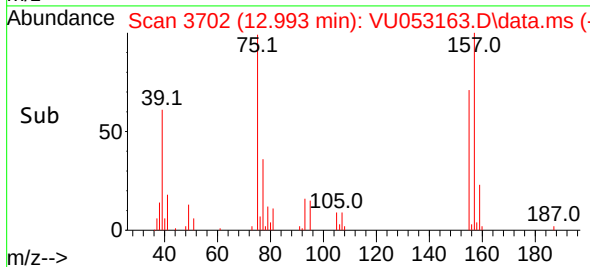
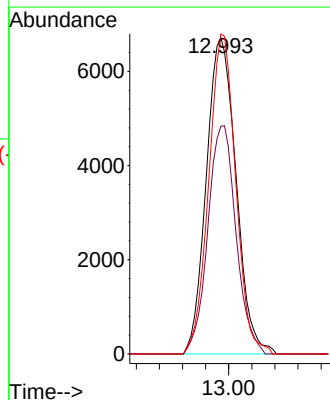
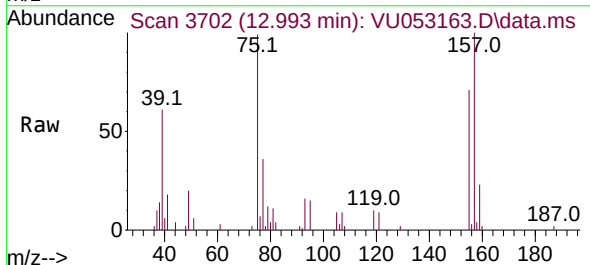
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

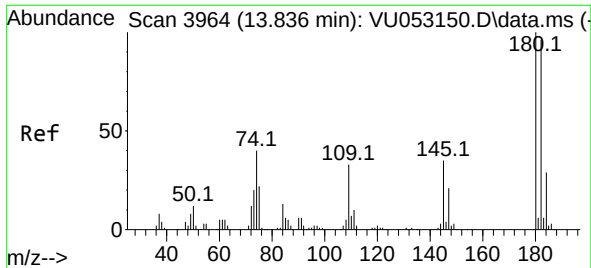
Tgt Ion:146 Resp: 143736
Ion Ratio Lower Upper
146 100
111 46.8 23.2 69.6
148 62.8 31.4 94.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 9.594 ug/l
RT: 12.993 min Scan# 3702
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion: 75 Resp: 11966
Ion Ratio Lower Upper
75 100
155 68.6 53.4 80.0
157 91.9 61.7 92.5

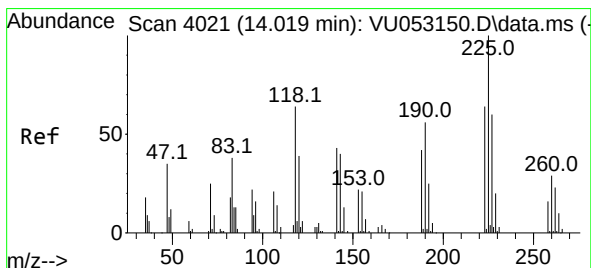
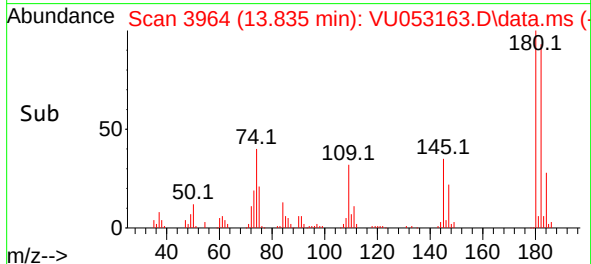
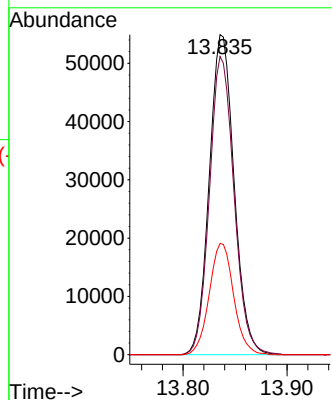
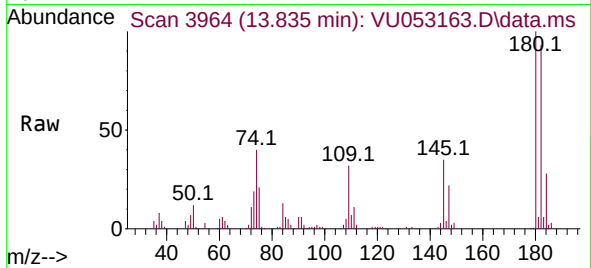




#87
1,2,4-Trichlorobenzene
Concen: 11.188 ug/l
RT: 13.835 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

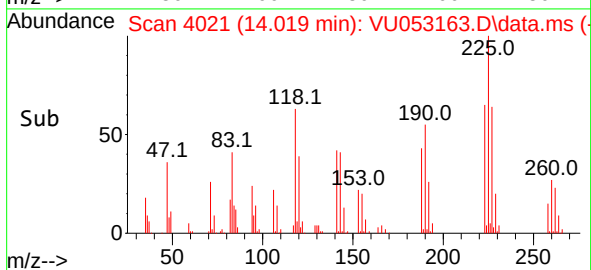
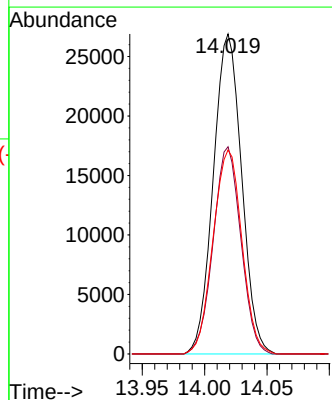
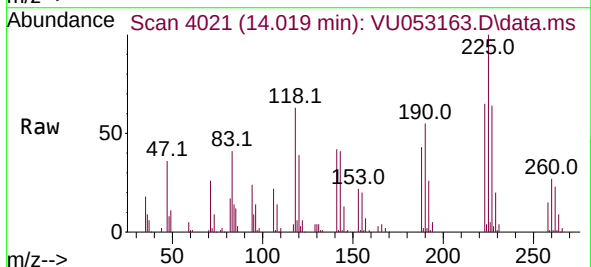
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

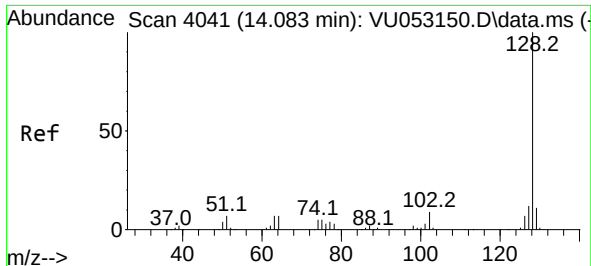
Tgt Ion:180 Resp: 91082
Ion Ratio Lower Upper
180 100
182 92.2 77.4 116.0
145 34.2 28.3 42.5



#88
Hexachlorobutadiene
Concen: 10.701 ug/l
RT: 14.019 min Scan# 4021
Delta R.T. -0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion:225 Resp: 42550
Ion Ratio Lower Upper
225 100
223 63.2 51.1 76.7
227 64.8 49.9 74.9

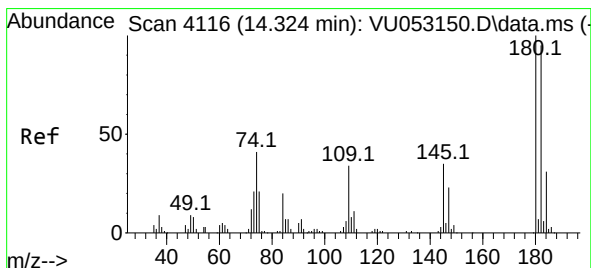
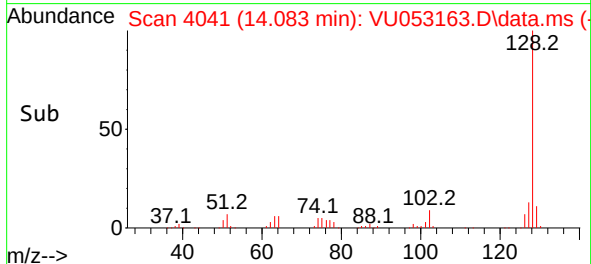
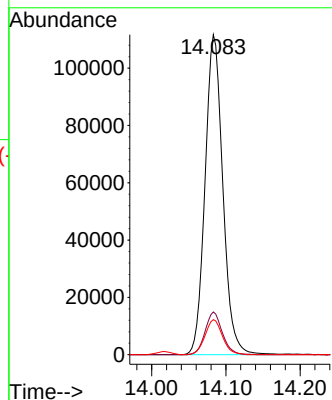
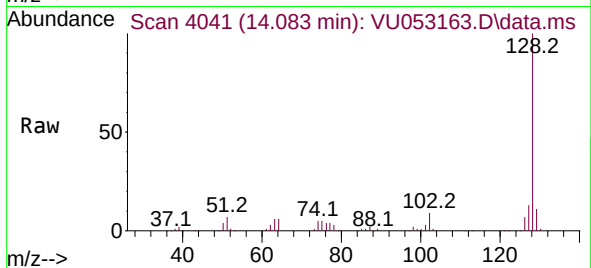




#89
Naphthalene
Concen: 10.705 ug/l
RT: 14.083 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 185417
Ion Ratio Lower Upper
128 100
127 12.9 9.9 14.9
129 10.7 8.3 12.5



#90
1,2,3-Trichlorobenzene
Concen: 10.808 ug/l
RT: 14.327 min Scan# 4117
Delta R.T. 0.003 min
Lab File: VU053163.D
Acq: 28 Feb 2023 09:37

Tgt Ion:180 Resp: 77425
Ion Ratio Lower Upper
180 100
182 95.2 76.6 115.0
145 37.2 29.0 43.6

