

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053161.D
 Acq On : 27 Feb 2023 19:55
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Feb 28 04:22:25 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	24658	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	10641	1.023	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	8989	1.090	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.386	85	66023	10.549	ug/l	99
3) Chloromethane	1.521	50	65265	10.120	ug/l	100
4) Vinyl Chloride	1.605	62	73561	10.713	ug/l	97
5) Bromomethane	1.859	94	43361	11.093	ug/l	97
6) Chloroethane	1.936	64	45322	10.865	ug/l	98
7) Trichlorofluoromethane	2.142	101	98767	9.992	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.582	101	61791	9.999	ug/l	99
9) 1,1-Dichloroethene	2.582	96	56746	10.571	ug/l	98
10) Iodomethane	2.724	142	62842	11.381	ug/l	100
11) Allyl Chloride	2.923	41	77866	9.292	ug/l	98
12) Acrylonitrile	3.315	53	30924	22.500	ug/l	98
13) Acetone	2.637	43	52037	26.486	ug/l	91
14) Carbon Disulfide	2.794	76	126602	10.280	ug/l	99
15) Methylene Chloride	3.045	84	74566	9.719	ug/l	96
16) trans-1,2-Dichloroethene	3.351	96	59913	10.154	ug/l	99
17) 1,1-Dichloroethane	3.868	63	134854	10.446	ug/l	99
18) 2-Butanone	4.714	43	91024	38.588	ug/l	96
19) Cyclohexane	5.383	56	85813	8.323	ug/l	89
20) Methylcyclohexane	6.759	83	100635	10.170	ug/l	99
21) 2,2-Dichloropropane	4.662	77	111909	9.894	ug/l	99
22) cis-1,2-Dichloroethene	4.662	96	76064	10.446	ug/l	97
23) Diethyl Ether	2.376	59	47387	10.789	ug/l	97
24) tert-Butyl Alcohol	3.225	59	60974	118.183	ug/l	99
25) Methyl tert-Butyl Ether	3.363	73	171930	11.017	ug/l	98
26) Bromochloromethane	4.971	128	29918	10.625	ug/l	91
27) Chloroform	5.087	83	136781	10.284	ug/l	99
28) 1,1,1-Trichloroethane	5.312	97	111395	9.970	ug/l	99
29) 1,1-Dichloropropene	5.521	75	84135	10.047	ug/l	99
30) Carbon Tetrachloride	5.521	117	78830	10.247	ug/l	98
31) Isopropyl Ether	3.994	45	211579	10.274	ug/l	100
32) Ethyl-t-butyl ether	4.505	59	207676	10.640	ug/l	98
33) Tert-Amyl methyl ether	5.942	73	168850	10.901	ug/l	100
34) Propionitrile	4.785	54	30869	56.256	ug/l	96
35) Benzene	5.772	78	261517	10.584	ug/l	100
36) 1,2-Dichloroethane	5.791	62	78376	10.612	ug/l	99
37) Trichloroethene	6.540	130	61014	10.762	ug/l	100
38) 1,2-Dichloropropane	6.788	63	78386	10.970	ug/l	96
39) Methacrylonitrile	4.977	41	23032	9.840	ug/l	96
40) Methyl acrylate	4.846	55	41314	11.419	ug/l	99
41) Tetrahydrofuran	5.064	42	23369	20.362	ug/l	95
42) 1-Chlorobutane	5.453	56	117410	10.073	ug/l	99
43) Dibromomethane	6.916	93	34393	10.860	ug/l	98
44) Bromodichloromethane	7.103	83	95219	10.991	ug/l	99

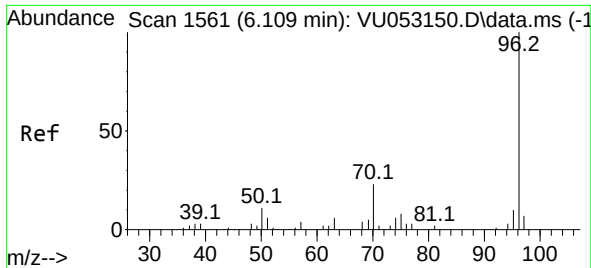
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.794	43	217002	56.119	ug/l	98
46) t-1,4-Dichloro-2-butene	10.823	75	92663	47.555	ug/l #	57
47) Methyl methacrylate	6.961	69	74657	22.902	ug/l	99
48) Ethyl methacrylate	8.334	69	75408	11.273	ug/l	97
49) Toluene	7.965	92	163417	10.740	ug/l	97
50) t-1,3-Dichloropropene	8.209	75	93972	11.165	ug/l	97
51) cis-1,3-Dichloropropene	7.604	75	111930	10.974	ug/l	98
52) 1,1,2-Trichloroethane	8.399	97	53032	11.400	ug/l	98
53) 1,3-Dichloropropane	8.572	76	92695	11.114	ug/l	100
54) 2-Hexanone	8.685	43	152344	46.240	ug/l	99
55) Dibromochloromethane	8.807	129	59608	11.231	ug/l	97
56) 1,2-Dibromoethane	8.919	107	47774	11.560	ug/l	99
58) Tetrachloroethene	8.550	164	47703	10.552	ug/l	98
59) Chlorobenzene	9.444	112	188601	11.084	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.530	131	63643	11.323	ug/l	99
61) Pentachloroethane	11.424	117	54454	11.150	ug/l	100
62) Hexachloroethane	12.472	117	57056	10.597	ug/l	100
63) Ethyl Benzene	9.566	91	336928	10.729	ug/l	100
64) m/p-Xylenes	9.691	106	250851	22.024	ug/l	98
65) o-Xylene	10.096	106	127704	10.979	ug/l	99
66) Styrene	10.112	104	211103	11.449	ug/l	98
67) Bromoform	10.286	173	30373	11.767	ug/l	99
69) Isopropylbenzene	10.482	105	336560	10.804	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	71514	11.407	ug/l	99
71) 1,2,3-Trichloropropane	10.823	75	92663	17.173	ug/l	78
72) Bromobenzene	10.778	156	68372	11.311	ug/l	98
73) n-propylbenzene	10.903	120	88828	10.747	ug/l	99
74) 2-Chlorotoluene	10.984	126	75560	11.041	ug/l	99
75) 1,3,5-Trimethylbenzene	11.083	105	281132	10.845	ug/l	99
76) 4-Chlorotoluene	11.093	126	77889	10.827	ug/l	92
77) tert-Butylbenzene	11.415	119	272672	10.734	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	288588	10.923	ug/l	99
79) sec-Butylbenzene	11.640	105	378396	10.735	ug/l	100
80) Nitrobenzene	13.202	77	15930	48.616	ug/l	97
81) p-Isopropyltoluene	11.788	119	295967	10.599	ug/l	100
82) 1,3-Dichlorobenzene	11.742	146	148687	11.203	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	147650	10.897	ug/l	98
84) n-Butylbenzene	12.205	91	312944	10.817	ug/l	100
85) 1,2-Dichlorobenzene	12.209	146	141976	11.220	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.993	75	12547	10.506	ug/l	94
87) 1,2,4-Trichlorobenzene	13.836	180	89328	11.503	ug/l	98
88) Hexachlorobutadiene	14.019	225	40446	10.663	ug/l	97
89) Naphthalene	14.083	128	192317	11.640	ug/l	99
90) 1,2,3-Trichlorobenzene	14.328	180	77738	11.376	ug/l	99

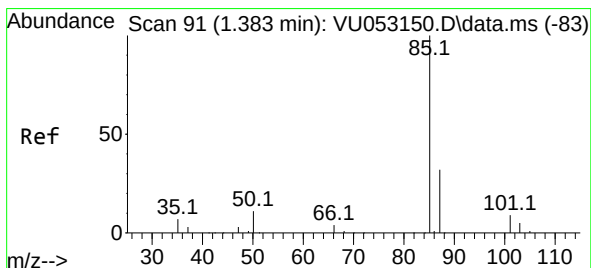
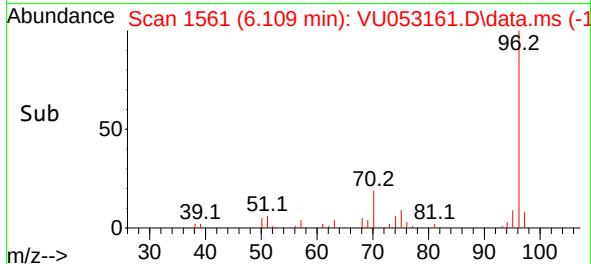
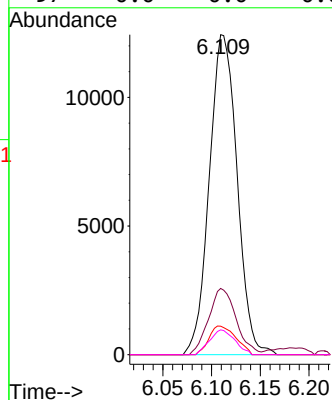
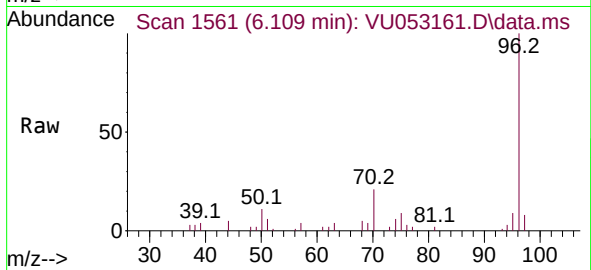
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053161.D
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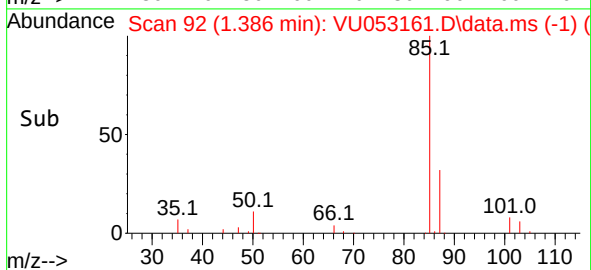
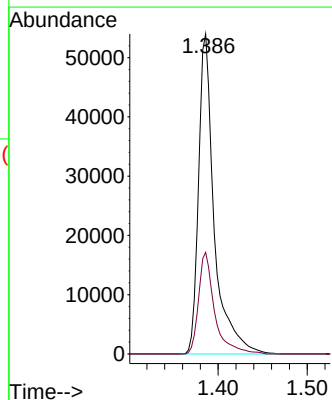
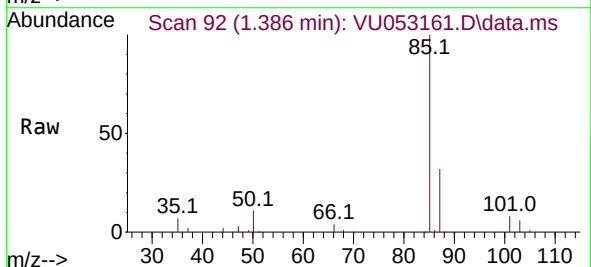
Instrument :
MSVOA_U
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VSTDCCC010EC

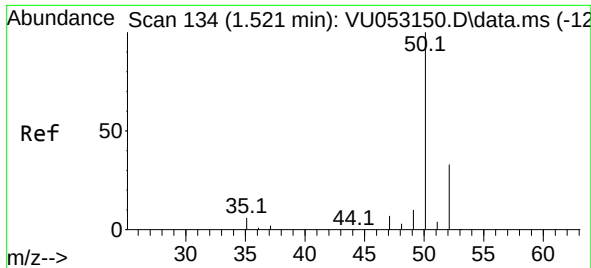
Tgt Ion: 96	Resp: 24658
Ion Ratio	Lower Upper
96 100	
70 19.6	15.5 23.3
95 8.6	7.0 10.6
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 10.549 ug/l
RT: 1.386 min Scan# 92
Delta R.T. 0.003 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion: 85	Resp: 66023
Ion Ratio	Lower Upper
85 100	
87 31.8	16.1 48.2





#3

Chloromethane

Concen: 10.120 ug/l

RT: 1.521 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

Instrument :

MSVOA_U

ClientSampleId :

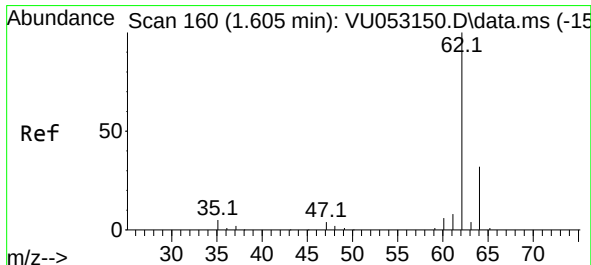
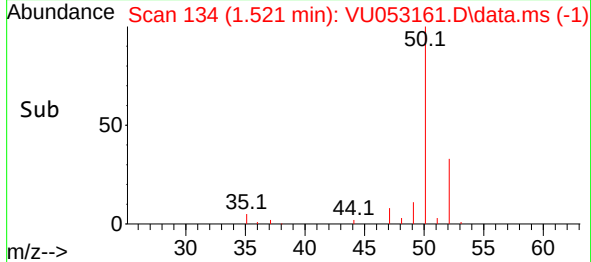
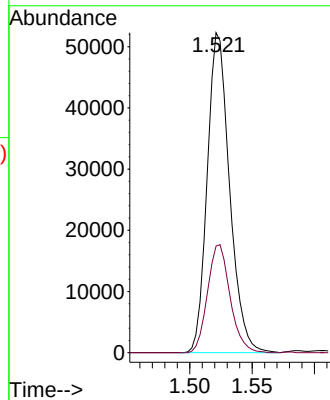
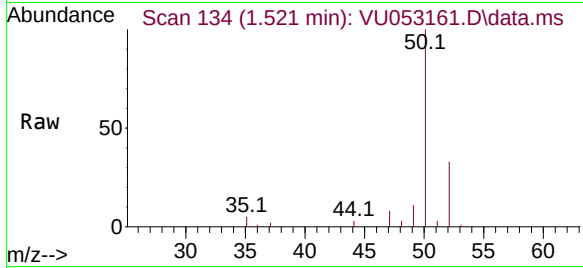
VSTDCCC010EC

Tgt Ion: 50 Resp: 65265

Ion Ratio Lower Upper

50 100

52 33.3 26.7 40.1



#4

Vinyl Chloride

Concen: 10.713 ug/l

RT: 1.605 min Scan# 160

Delta R.T. 0.000 min

Lab File: VU053161.D

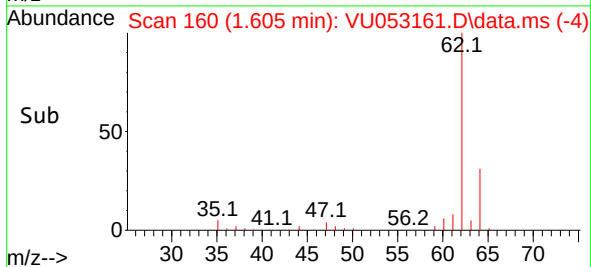
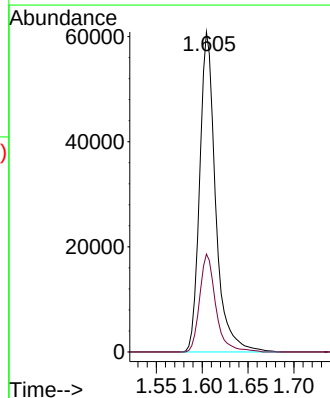
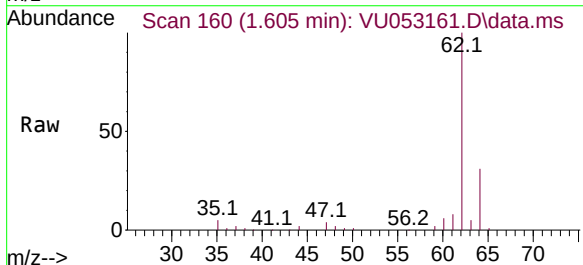
Acq: 27 Feb 2023 19:55

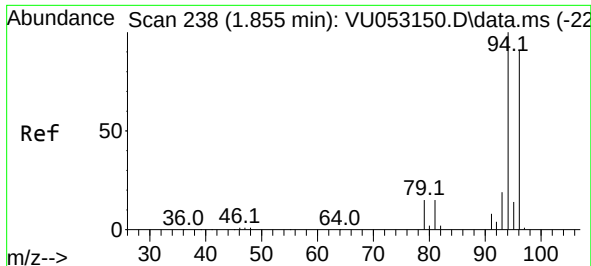
Tgt Ion: 62 Resp: 73561

Ion Ratio Lower Upper

62 100

64 30.6 25.8 38.6





#5

Bromomethane

Concen: 11.093 ug/l

RT: 1.859 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

Instrument :

MSVOA_U

ClientSampleId :

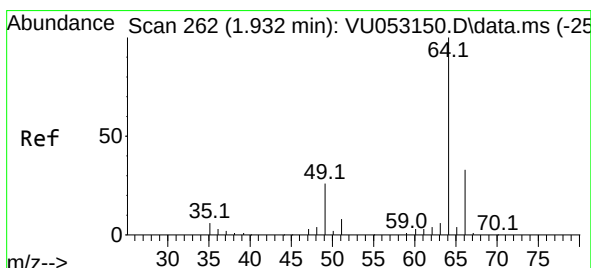
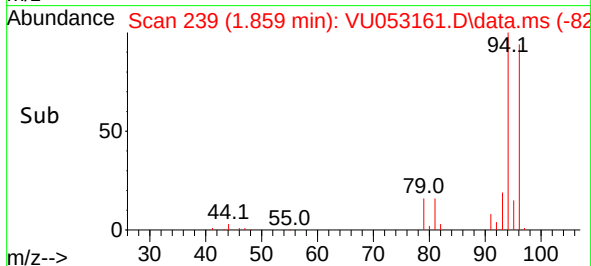
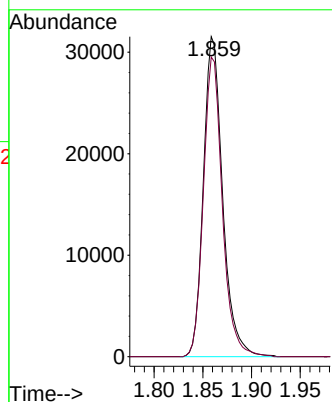
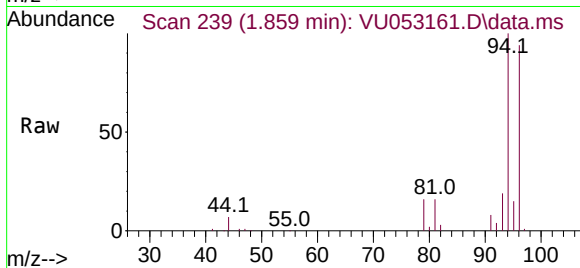
VSTDCCC010EC

Tgt Ion: 94 Resp: 43361

Ion Ratio Lower Upper

94 100

96 93.6 72.6 108.8



#6

Chloroethane

Concen: 10.865 ug/l

RT: 1.936 min Scan# 263

Delta R.T. 0.003 min

Lab File: VU053161.D

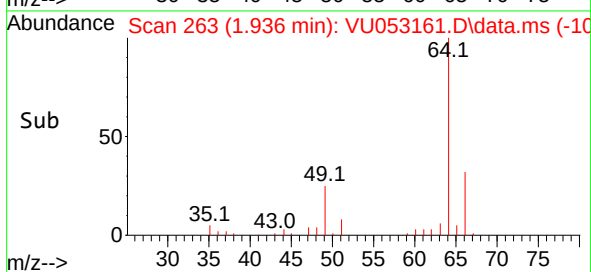
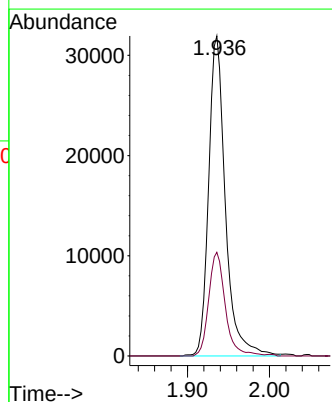
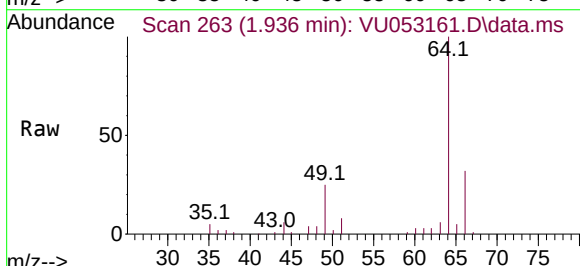
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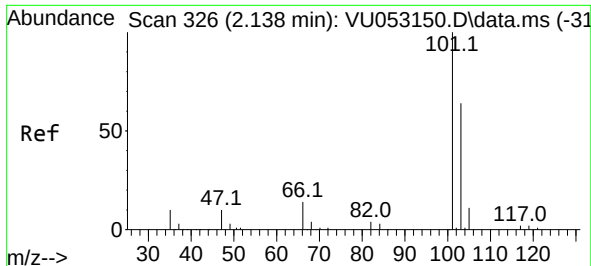
Tgt Ion: 64 Resp: 45322

Ion Ratio Lower Upper

64 100

66 32.4 26.8 40.2

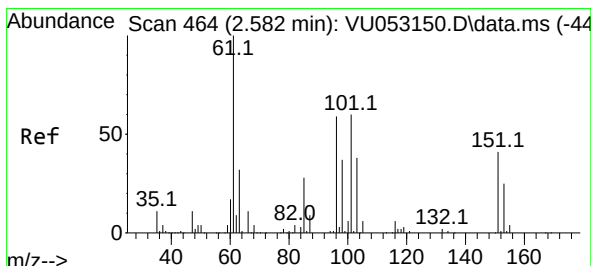
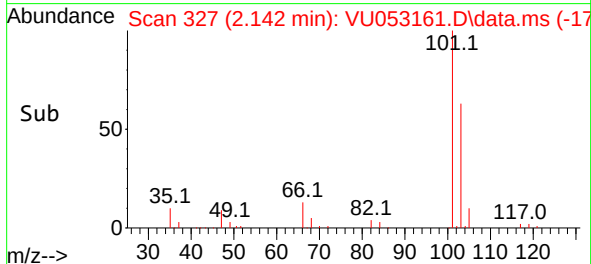
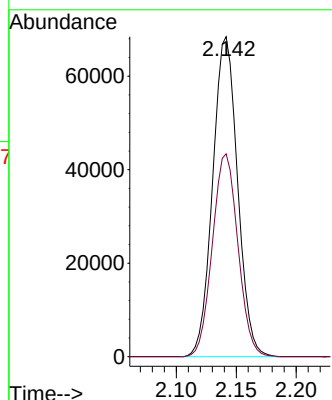
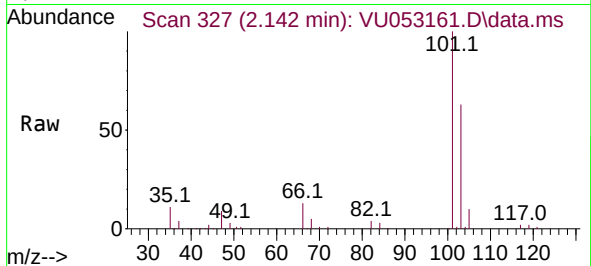




#7
 Trichlorofluoromethane
 Concen: 9.992 ug/l
 RT: 2.142 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU053161.D
 Acq: 27 Feb 2023 19:55

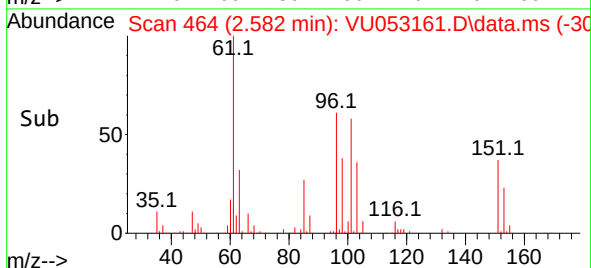
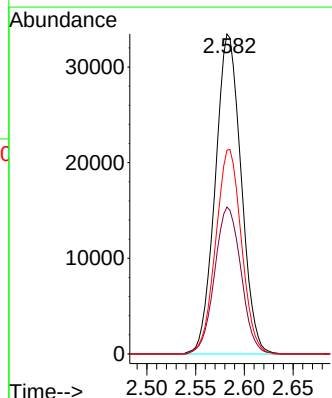
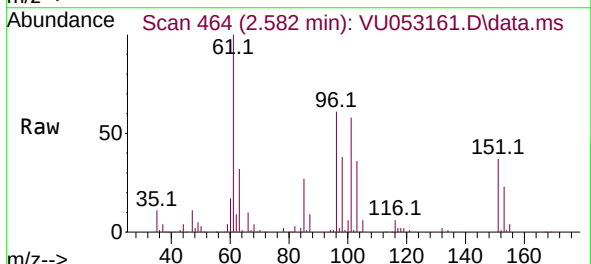
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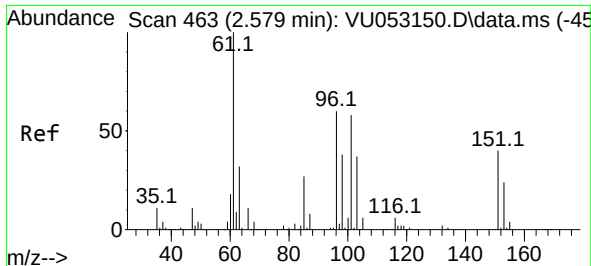
Tgt Ion:101 Resp: 98767
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.2 76.8



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.999 ug/l
 RT: 2.582 min Scan# 464
 Delta R.T. 0.000 min
 Lab File: VU053161.D
 Acq: 27 Feb 2023 19:55

Tgt Ion:101 Resp: 61791
 Ion Ratio Lower Upper
 101 100
 85 46.9 37.3 55.9
 151 63.7 52.4 78.6

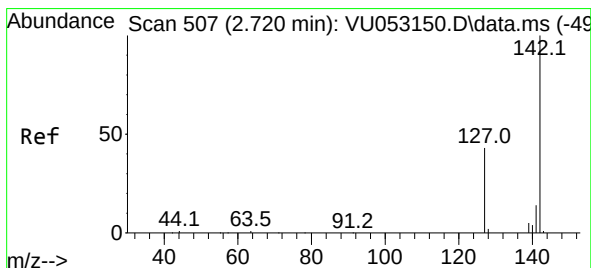
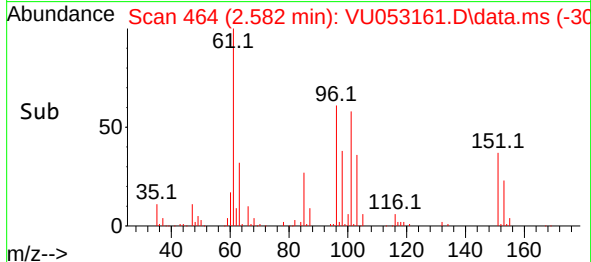
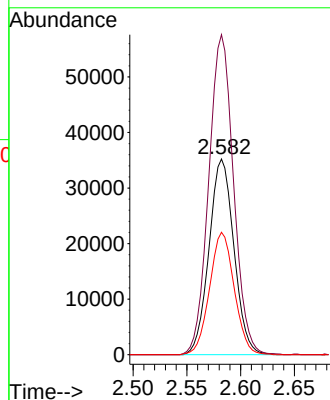
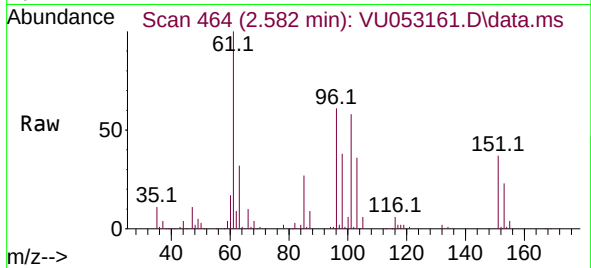




#9
1,1-Dichloroethene
Concen: 10.571 ug/l
RT: 2.582 min Scan# 464
Delta R.T. 0.003 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

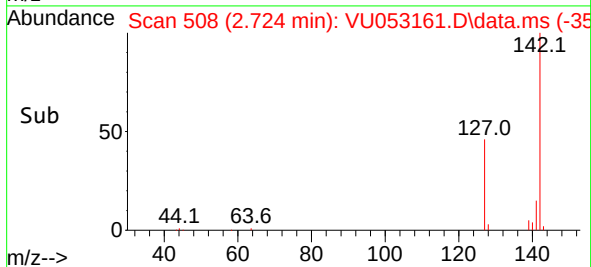
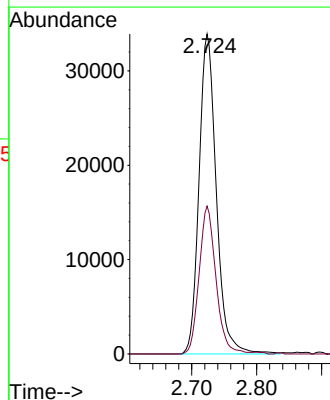
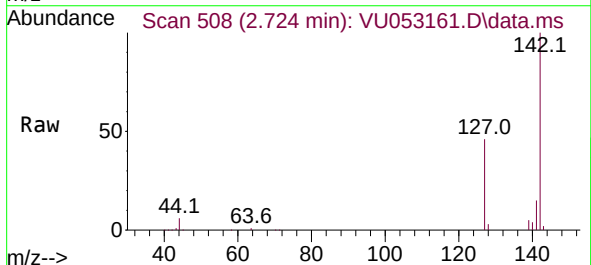
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VSTDCCC010EC

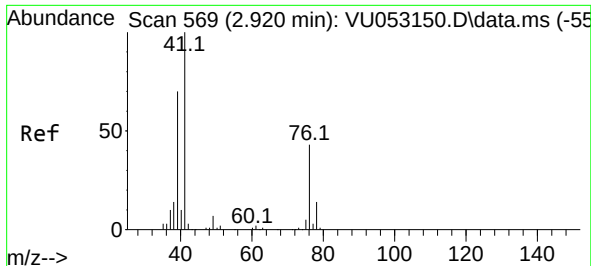
Tgt Ion: 96 Resp: 56746
Ion Ratio Lower Upper
96 100
61 163.5 0.0 502.5
98 62.5 0.0 126.2



#10
Iodomethane
Concen: 11.381 ug/l
RT: 2.724 min Scan# 508
Delta R.T. 0.003 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion: 142 Resp: 62842
Ion Ratio Lower Upper
142 100
127 44.9 35.8 53.8





#11

Allyl Chloride

Concen: 9.292 ug/l

RT: 2.923 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

Instrument :

MSVOA_U

ClientSampleId :

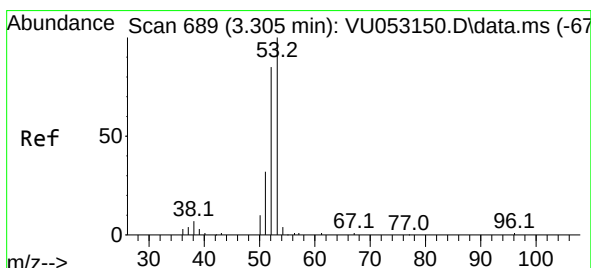
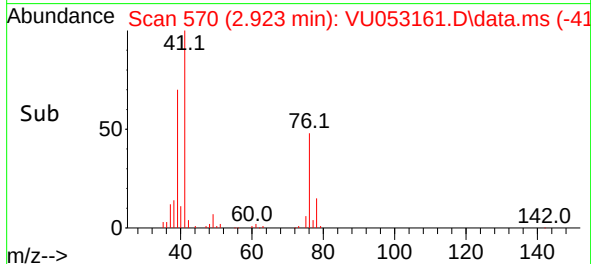
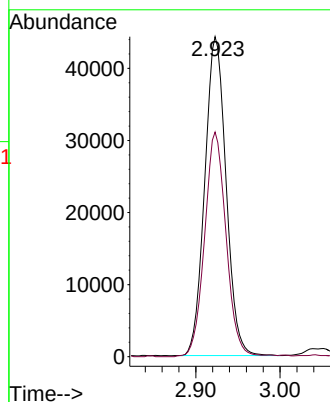
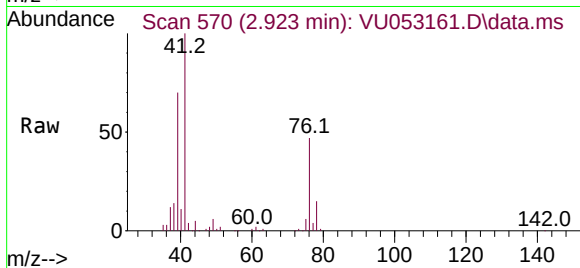
VSTDCCC010EC

Tgt Ion: 41 Resp: 77866

Ion Ratio Lower Upper

41 100

39 70.9 55.3 82.9



#12

Acrylonitrile

Concen: 22.500 ug/l

RT: 3.315 min Scan# 692

Delta R.T. 0.010 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

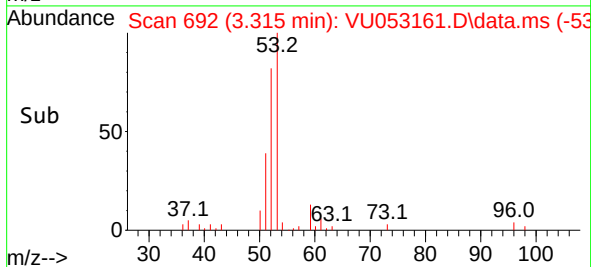
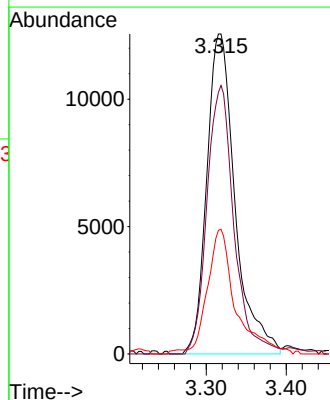
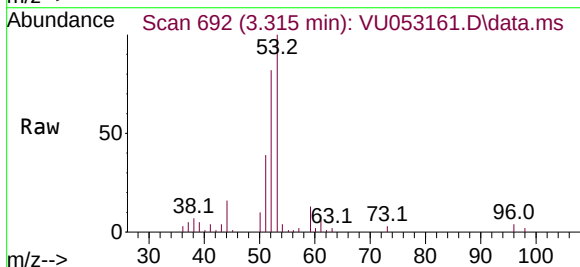
Tgt Ion: 53 Resp: 30924

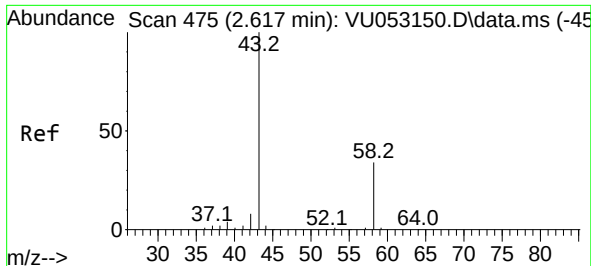
Ion Ratio Lower Upper

53 100

52 79.8 65.9 98.9

51 39.1 31.8 47.8





#13

Acetone

Concen: 26.486 ug/l

RT: 2.637 min Scan# 41

Delta R.T. 0.019 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

Instrument :

MSVOA_U

ClientSampleId :

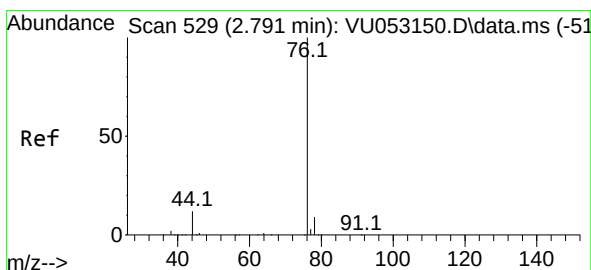
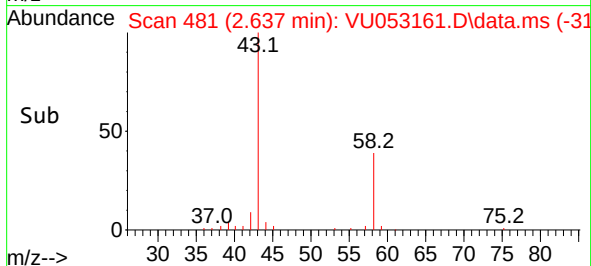
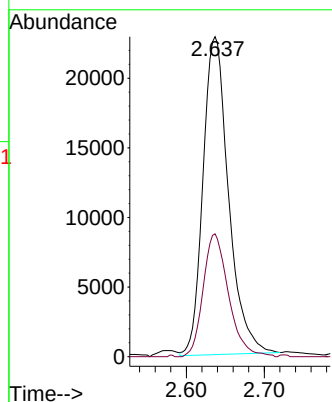
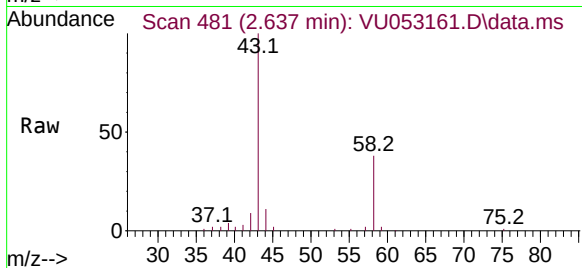
VSTDCCC010EC

Tgt Ion: 43 Resp: 52037

Ion Ratio Lower Upper

43 100

58 38.9 27.2 40.8



#14

Carbon Disulfide

Concen: 10.280 ug/l

RT: 2.794 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU053161.D

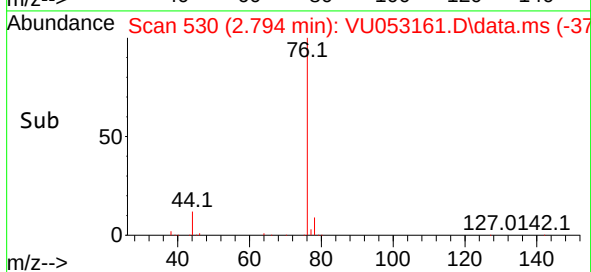
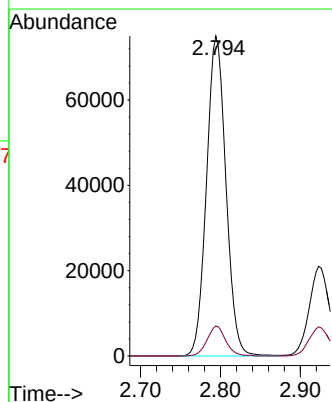
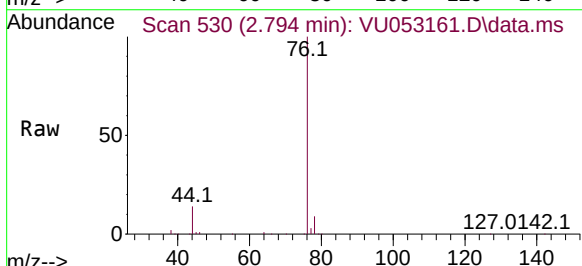
Acq: 27 Feb 2023 19:55

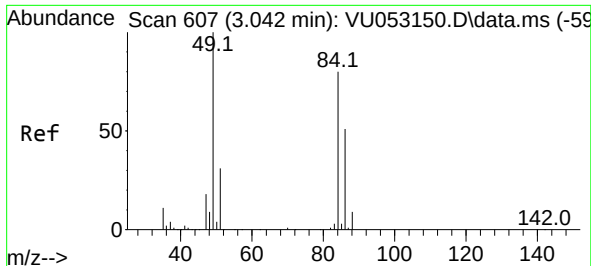
Tgt Ion: 76 Resp: 126602

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

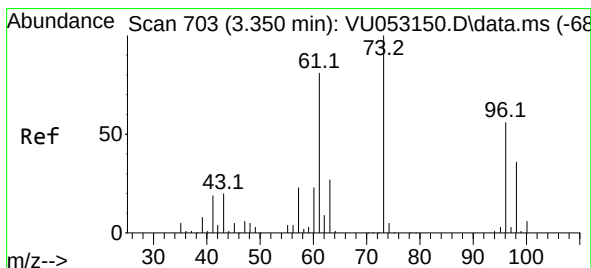
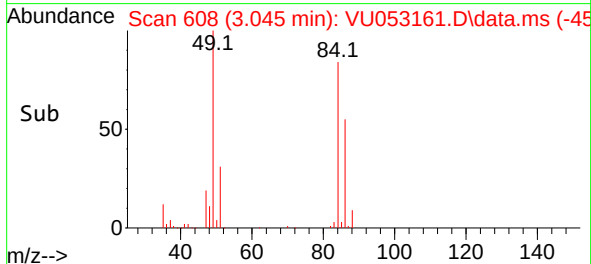
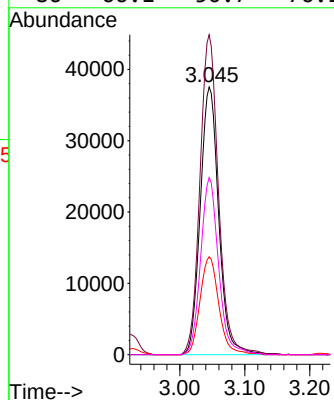
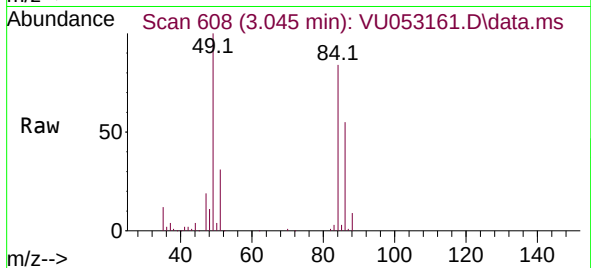




#15
Methylene Chloride
Concen: 9.719 ug/l
RT: 3.045 min Scan# 607
Delta R.T. 0.003 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

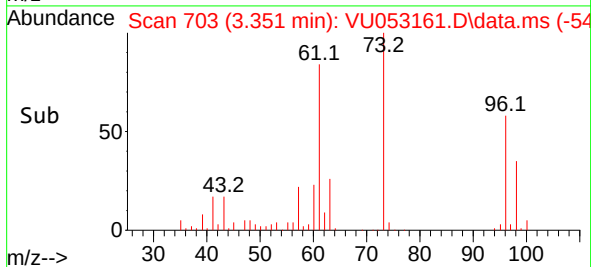
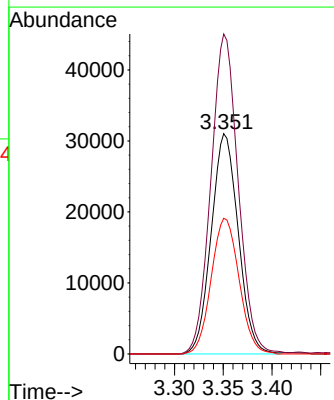
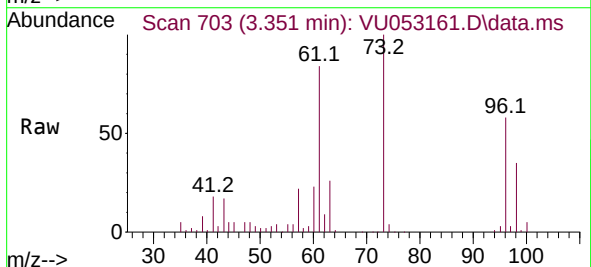
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

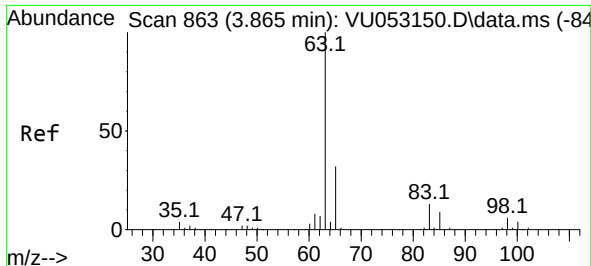
Tgt Ion:	84	Resp:	74566
Ion	Ratio	Lower	Upper
84	100		
49	119.5	99.5	149.3
51	36.6	0.0	76.8
86	66.1	50.7	76.1



#16
trans-1,2-Dichloroethene
Concen: 10.154 ug/l
RT: 3.351 min Scan# 703
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion:	96	Resp:	59913
Ion	Ratio	Lower	Upper
96	100		
61	145.2	116.1	174.1
98	61.6	51.4	77.2

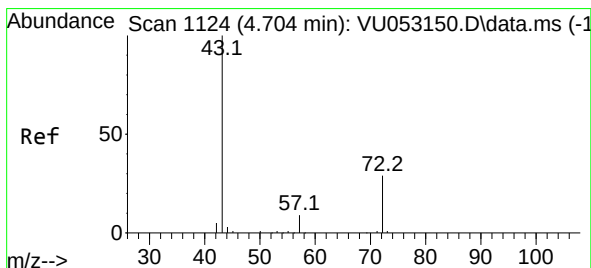
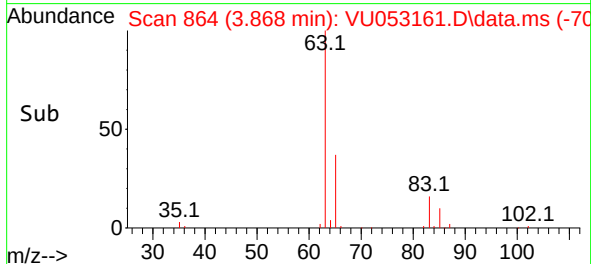
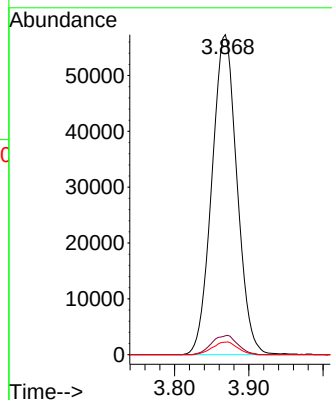
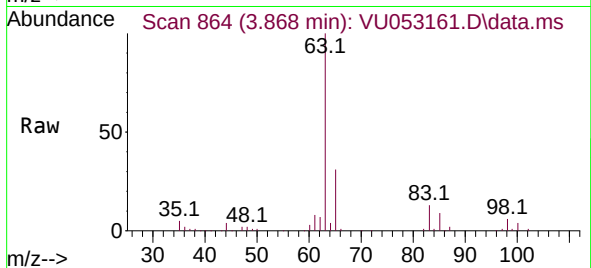




#17
1,1-Dichloroethane
Concen: 10.446 ug/l
RT: 3.868 min Scan# 863
Delta R.T. 0.003 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

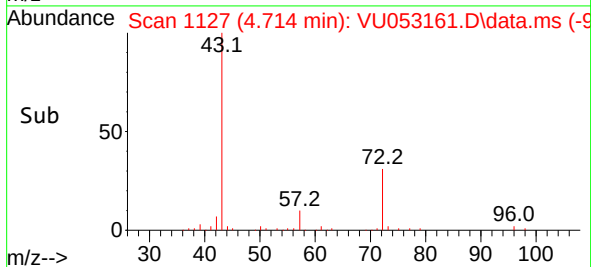
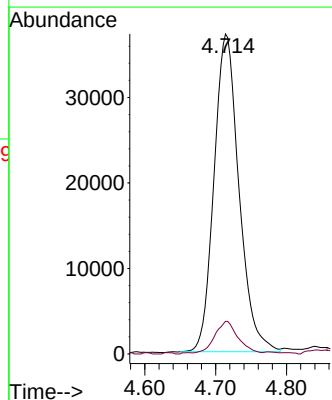
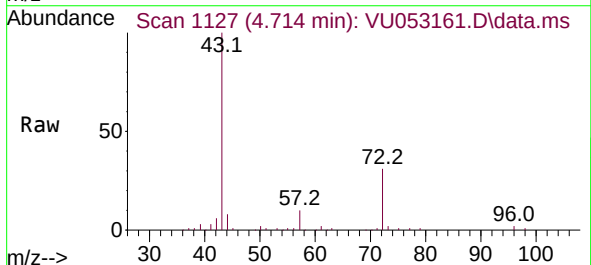
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

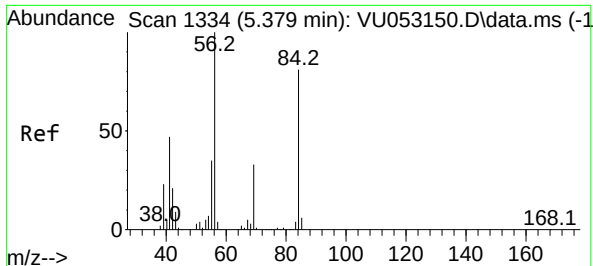
Tgt Ion: 63 Resp: 134854
Ion Ratio Lower Upper
63 100
98 5.9 3.1 9.4
100 3.9 2.1 6.2



#18
2-Butanone
Concen: 38.588 ug/l
RT: 4.714 min Scan# 1127
Delta R.T. 0.010 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion: 43 Resp: 91024
Ion Ratio Lower Upper
43 100
57 10.3 0.0 17.6





#19

Cyclohexane

Concen: 8.323 ug/l

RT: 5.383 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

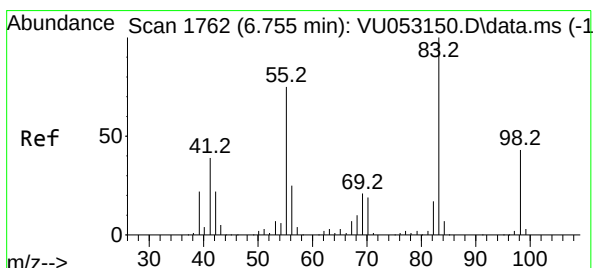
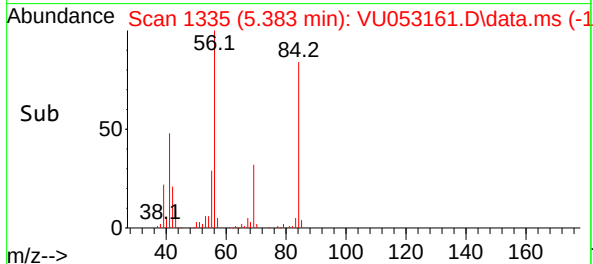
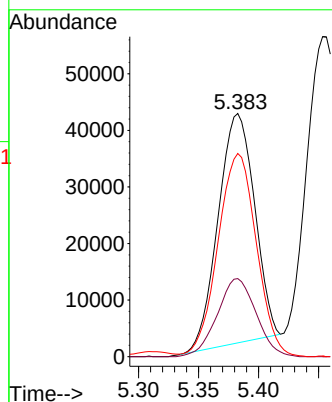
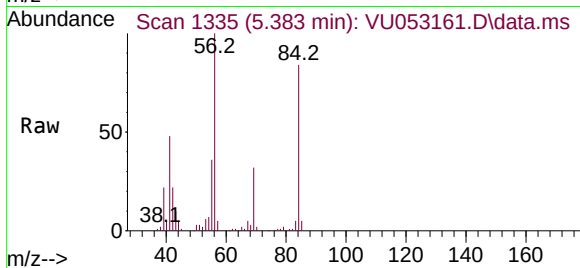
Tgt Ion: 56 Resp: 85813

Ion Ratio Lower Upper

56 100

69 36.2 26.1 39.1

84 92.1 64.7 97.1



#20

Methylcyclohexane

Concen: 10.170 ug/l

RT: 6.759 min Scan# 1763

Delta R.T. 0.003 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

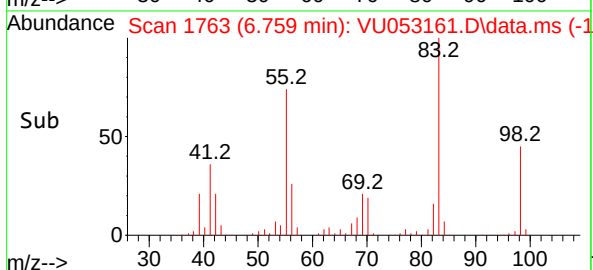
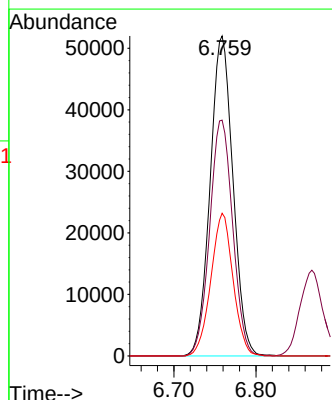
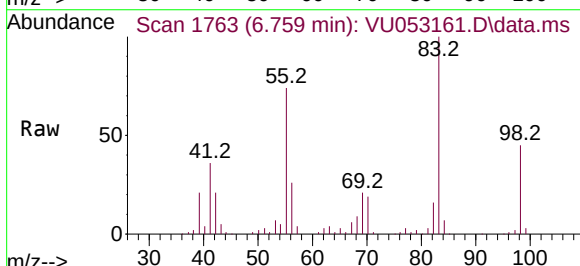
Tgt Ion: 83 Resp: 100635

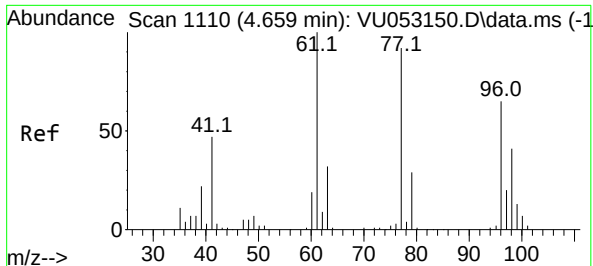
Ion Ratio Lower Upper

83 100

55 74.3 60.2 90.2

98 43.4 33.9 50.9





#21

2,2-Dichloropropane

Concen: 9.894 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

Instrument :

MSVOA_U

ClientSampleId :

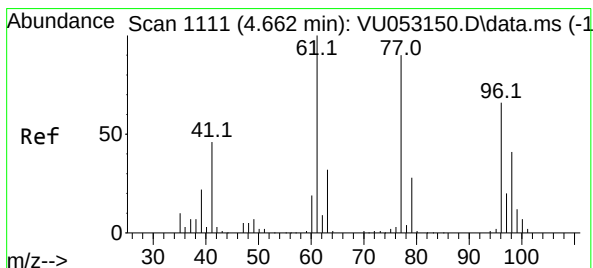
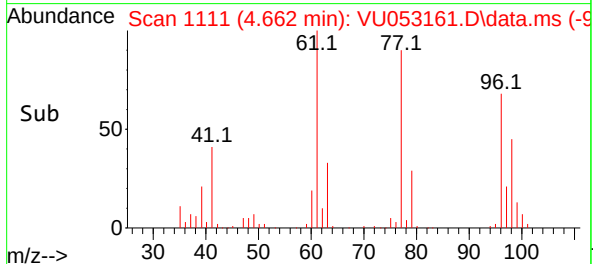
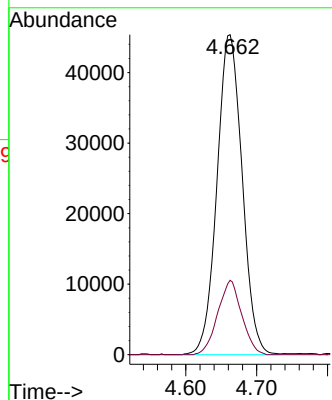
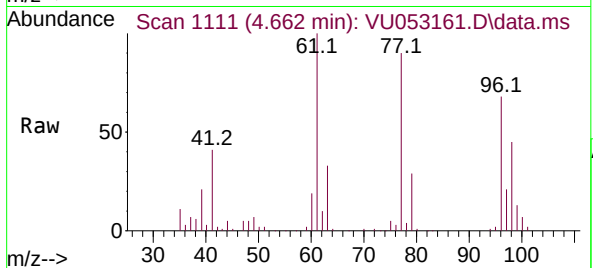
VSTDCCC010EC

Tgt Ion: 77 Resp: 111909

Ion Ratio Lower Upper

77 100

97 22.1 17.9 26.9



#22

cis-1,2-Dichloroethene

Concen: 10.446 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

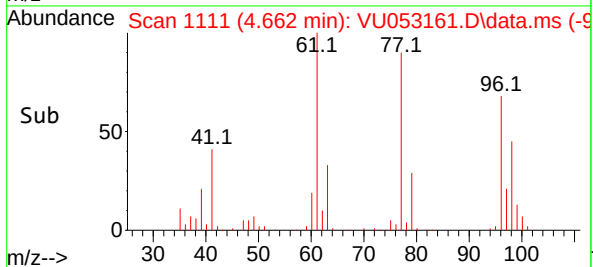
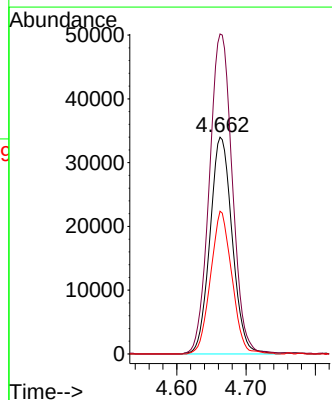
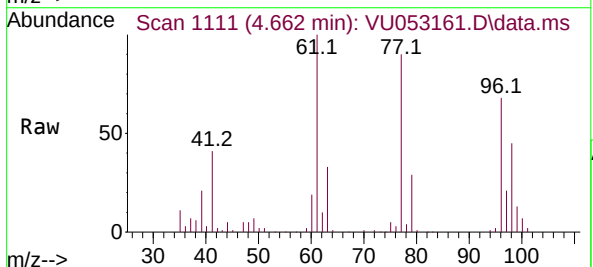
Tgt Ion: 96 Resp: 76064

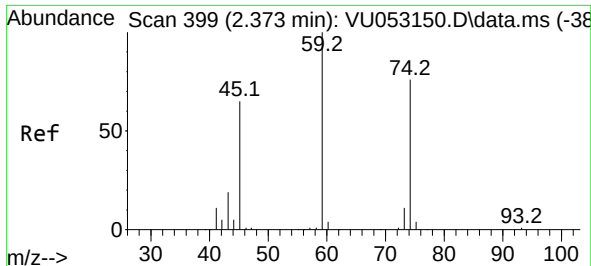
Ion Ratio Lower Upper

96 100

61 152.3 0.0 390.5

98 62.8 31.9 95.9

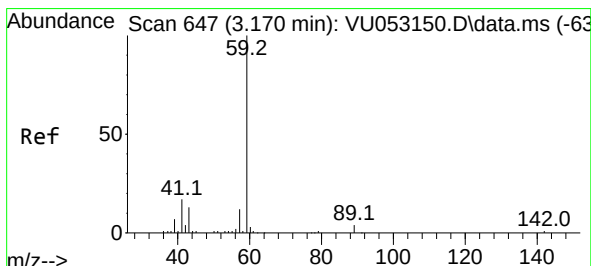
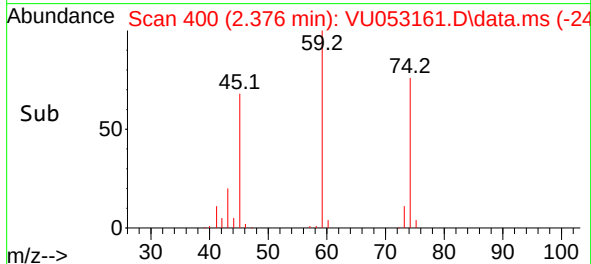
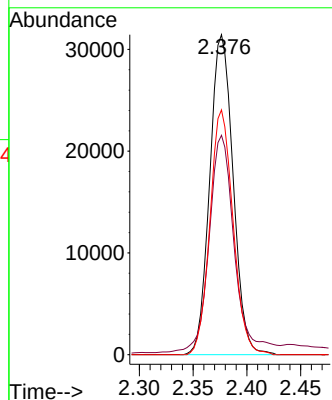
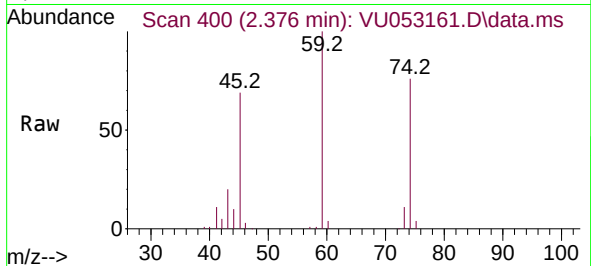




#23
Diethyl Ether
Concen: 10.789 ug/l
RT: 2.376 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

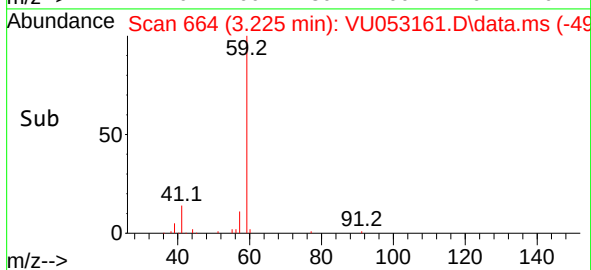
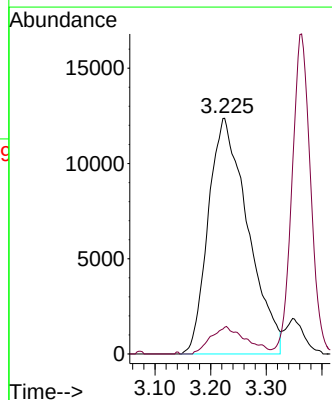
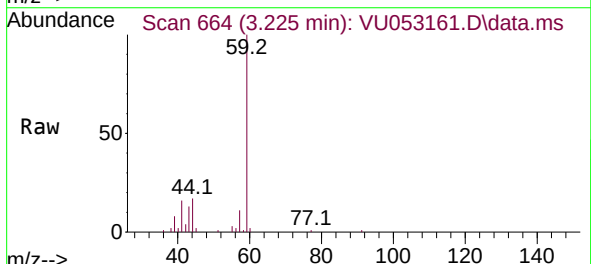
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

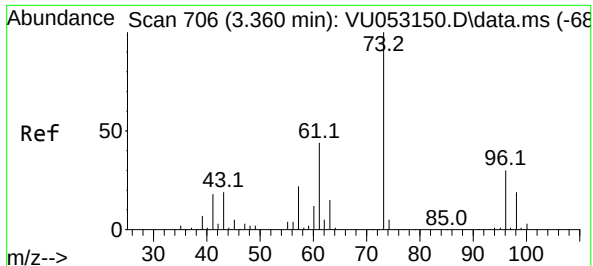
Tgt Ion: 59 Resp: 47387
Ion Ratio Lower Upper
59 100
45 73.0 54.2 81.2
74 76.0 60.4 90.6



#24
tert-Butyl Alcohol
Concen: 118.183 ug/l
RT: 3.225 min Scan# 664
Delta R.T. 0.055 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion: 59 Resp: 60974
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

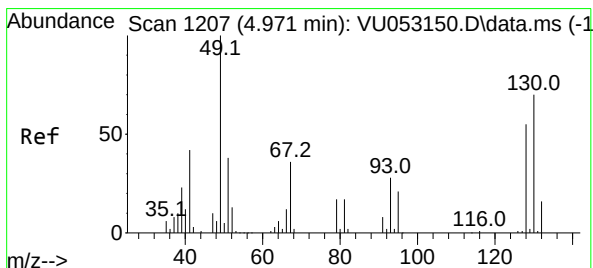
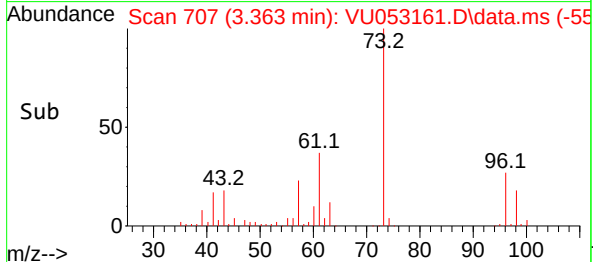
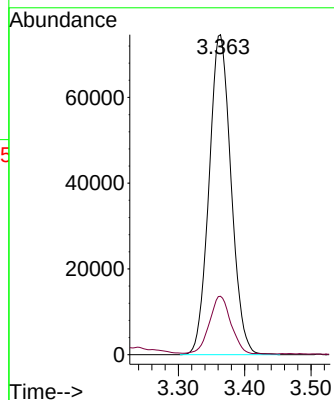
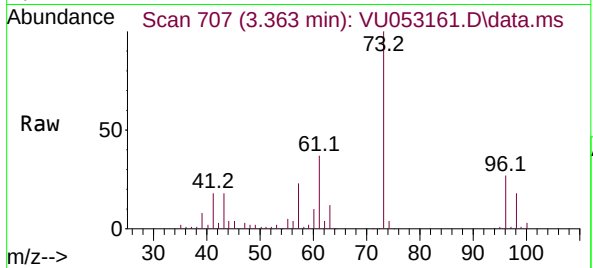




#25
Methyl tert-Butyl Ether
Concen: 11.017 ug/l
RT: 3.363 min Scan# 706
Delta R.T. 0.003 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

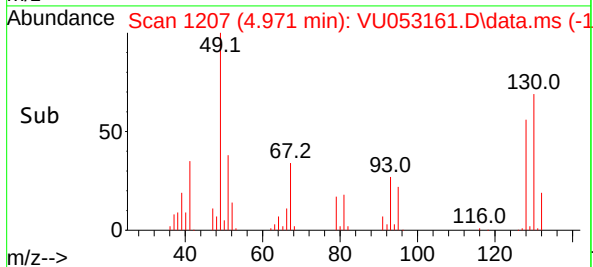
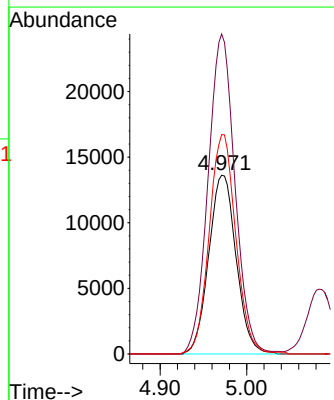
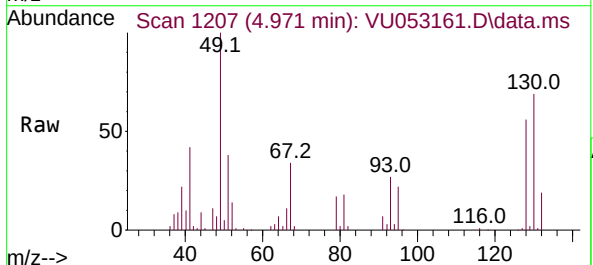
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

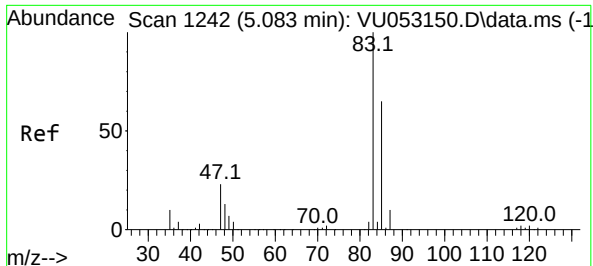
Tgt Ion: 73 Resp: 171930
Ion Ratio Lower Upper
73 100
43 17.8 15.0 22.6



#26
Bromochloromethane
Concen: 10.625 ug/l
RT: 4.971 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion: 128 Resp: 29918
Ion Ratio Lower Upper
128 100
49 175.6 0.0 376.8
130 119.4 104.8 157.2





#27

Chloroform

Concen: 10.284 ug/l

RT: 5.087 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

Instrument :

MSVOA_U

ClientSampleId :

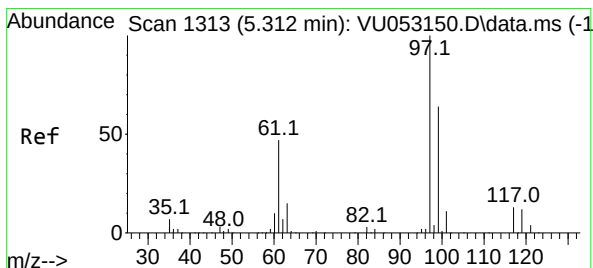
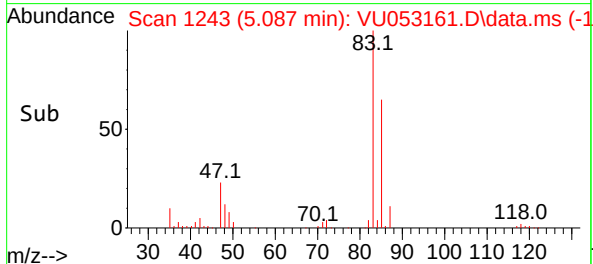
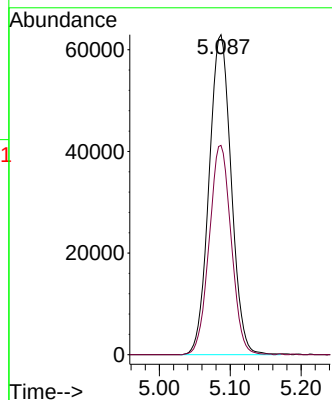
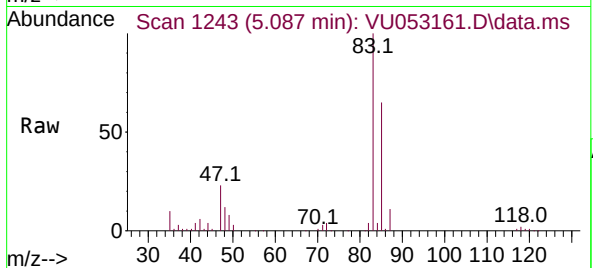
VSTDCCC010EC

Tgt Ion: 83 Resp: 136781

Ion Ratio Lower Upper

83 100

85 65.4 0.0 129.2



#28

1,1,1-Trichloroethane

Concen: 9.970 ug/l

RT: 5.312 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

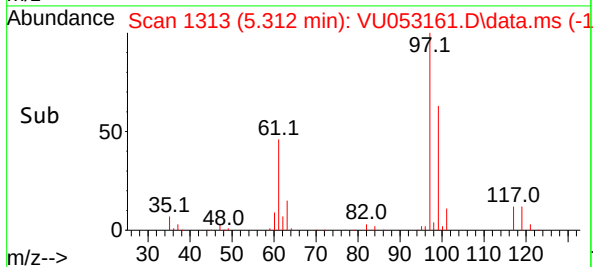
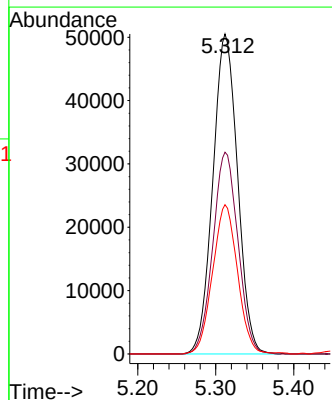
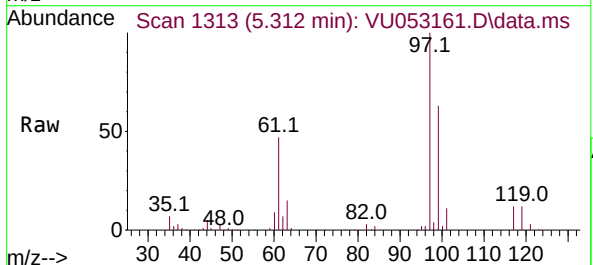
Tgt Ion: 97 Resp: 111395

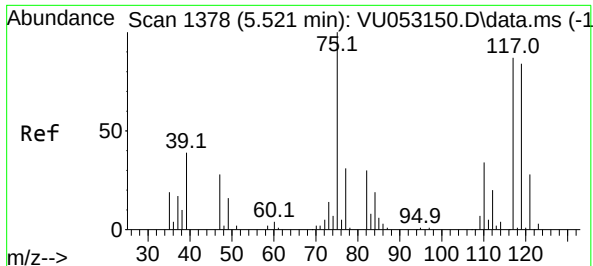
Ion Ratio Lower Upper

97 100

99 64.1 31.6 94.8

61 47.0 23.9 71.7





#29

1,1-Dichloropropene

Concen: 10.047 ug/l

RT: 5.521 min Scan# 1378

Delta R.T. 0.000 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

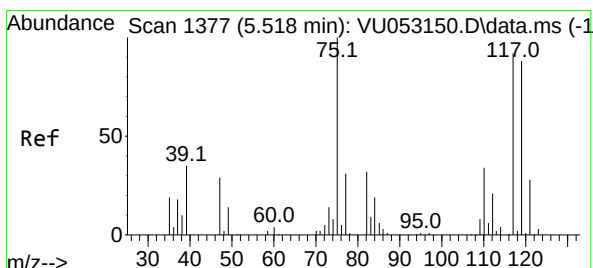
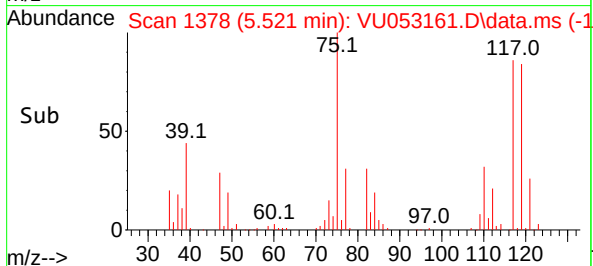
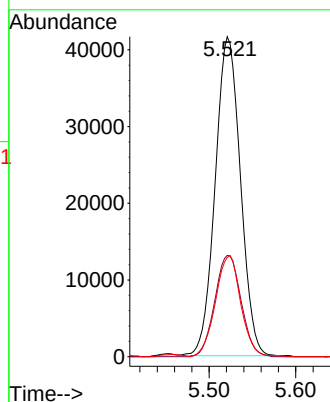
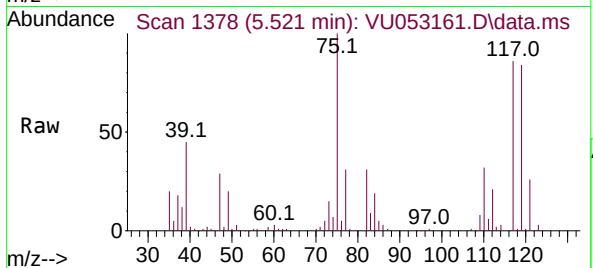
Tgt Ion: 75 Resp: 84135

Ion Ratio Lower Upper

75 100

110 33.0 16.3 48.8

77 31.8 24.9 37.3



#30

Carbon Tetrachloride

Concen: 10.247 ug/l

RT: 5.521 min Scan# 1378

Delta R.T. 0.003 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

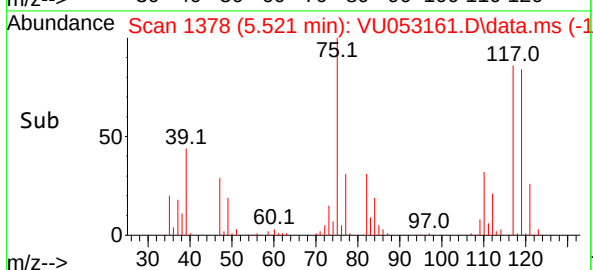
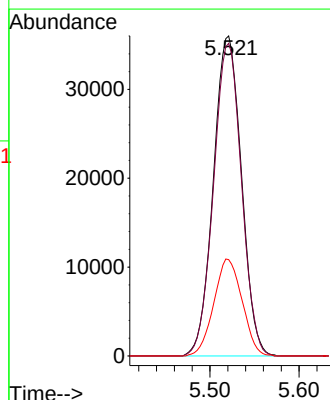
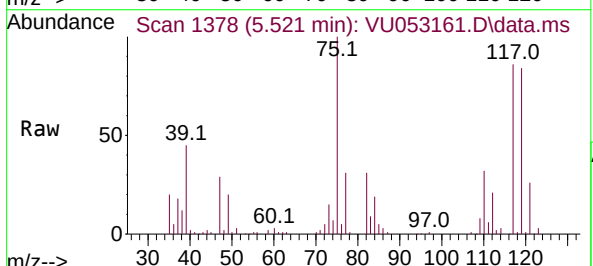
Tgt Ion: 117 Resp: 78830

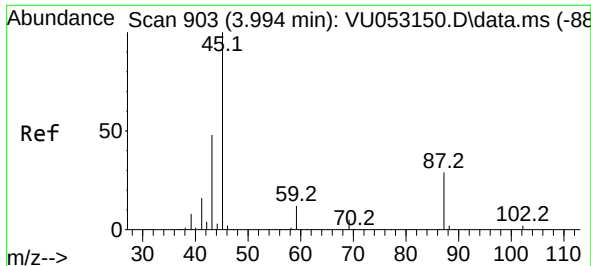
Ion Ratio Lower Upper

117 100

119 97.7 76.2 114.2

121 30.1 24.6 36.8

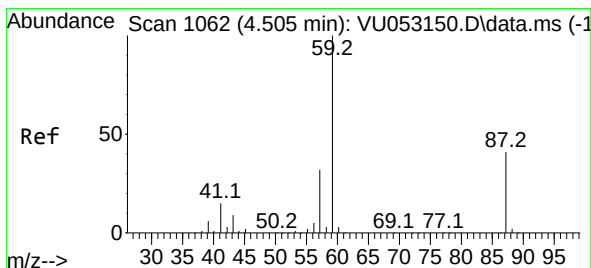
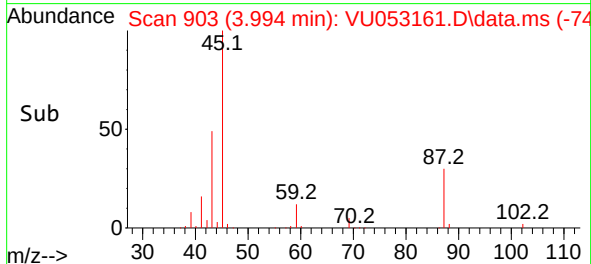
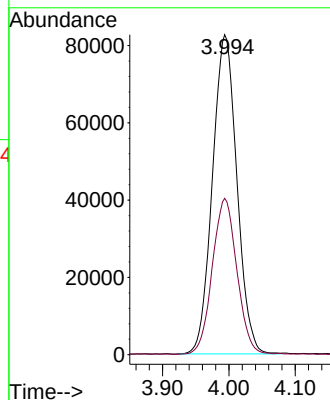
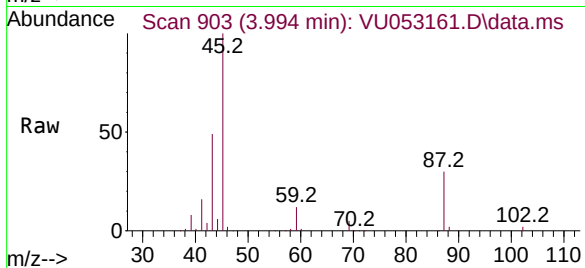




#31
Isopropyl Ether
Concen: 10.274 ug/l
RT: 3.994 min Scan# 903
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

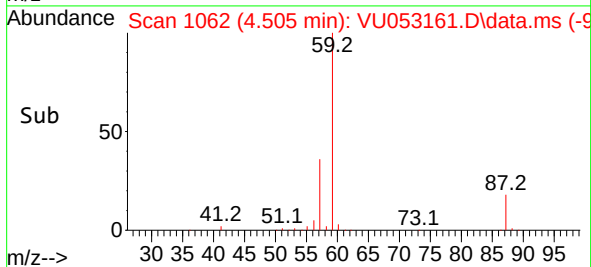
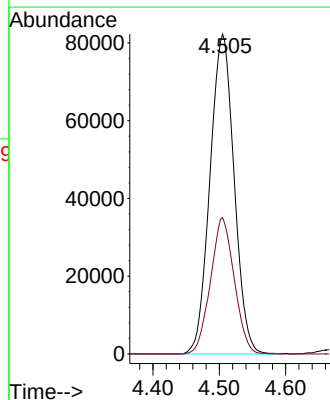
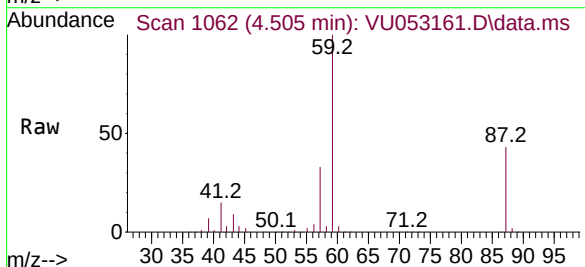
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

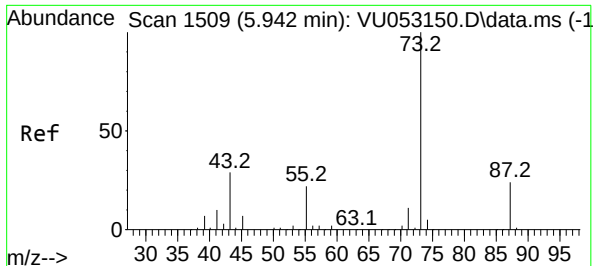
Tgt Ion: 45 Resp: 211579
Ion Ratio Lower Upper
45 100
43 49.0 24.4 73.2



#32
Ethyl-t-butyl ether
Concen: 10.640 ug/l
RT: 4.505 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion: 59 Resp: 207676
Ion Ratio Lower Upper
59 100
87 42.0 32.5 48.7

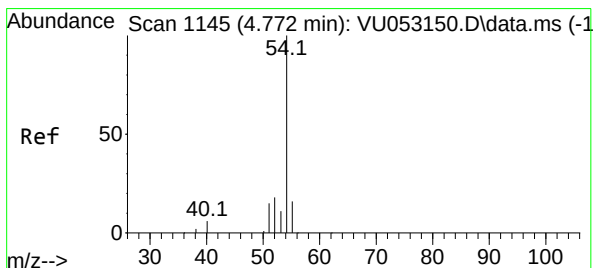
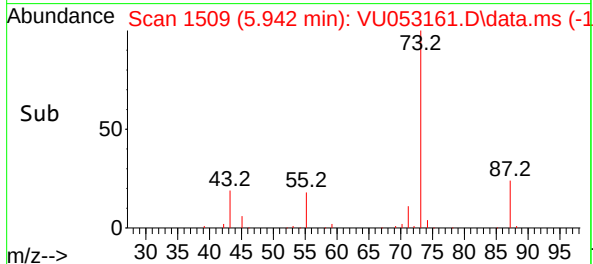
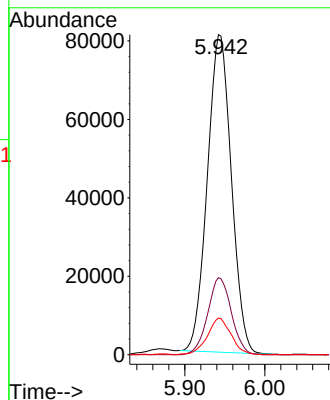
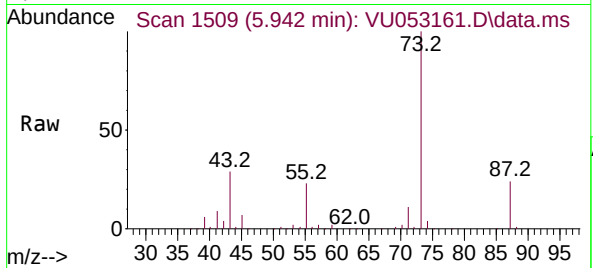




#33
Tert-Amyl methyl ether
Concen: 10.901 ug/l
RT: 5.942 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

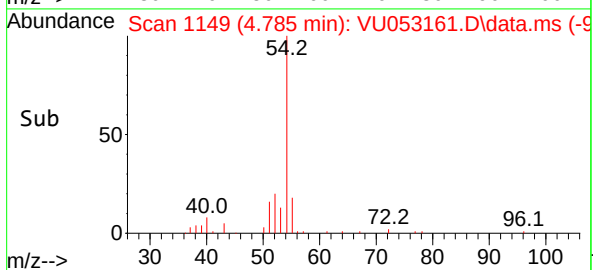
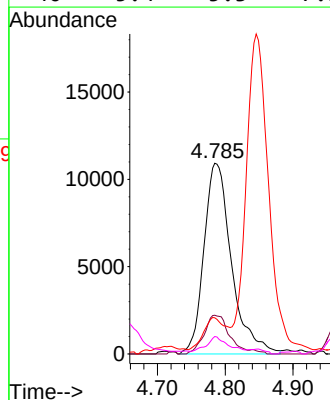
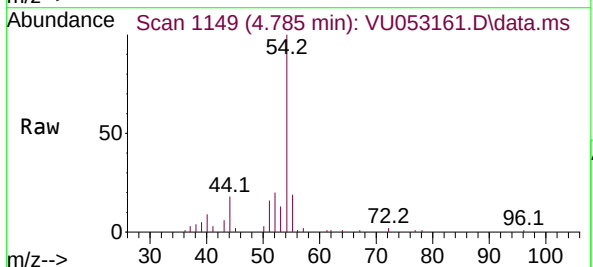
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

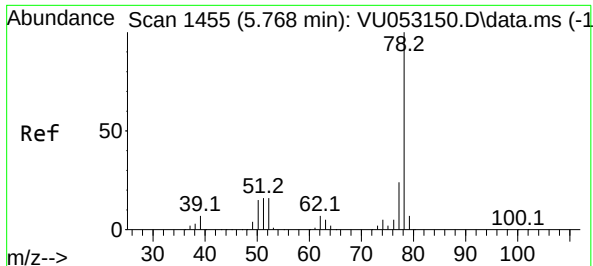
Tgt Ion: 73 Resp: 168850
Ion Ratio Lower Upper
73 100
87 23.9 19.0 28.4
71 11.4 9.2 13.8



#34
Propionitrile
Concen: 56.256 ug/l
RT: 4.785 min Scan# 1149
Delta R.T. 0.013 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion: 54 Resp: 30869
Ion Ratio Lower Upper
54 100
52 18.4 16.5 24.7
55 13.4 11.4 17.2
40 5.4 5.3 7.9





#35

Benzene

Concen: 10.584 ug/l

RT: 5.772 min Scan# 1456

Delta R.T. 0.003 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

Instrument :

MSVOA_U

ClientSampleId :

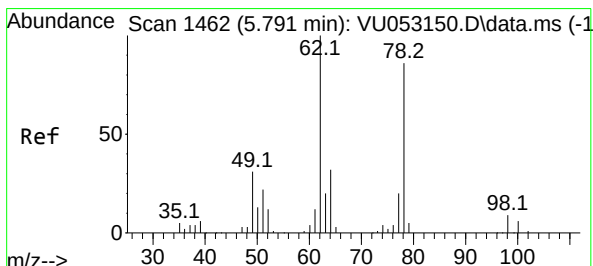
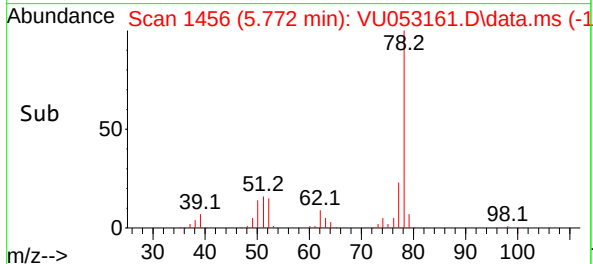
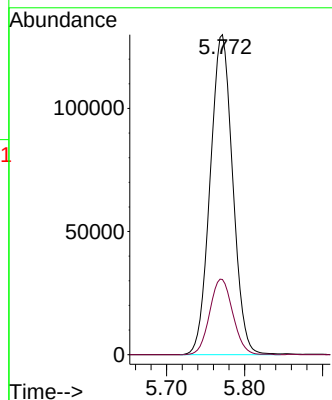
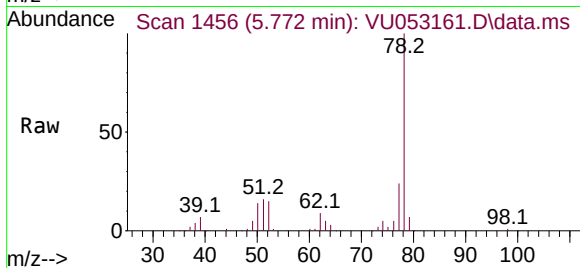
VSTDCCC010EC

Tgt Ion: 78 Resp: 261517

Ion Ratio Lower Upper

78 100

77 23.5 18.9 28.3



#36

1,2-Dichloroethane

Concen: 10.612 ug/l

RT: 5.791 min Scan# 1462

Delta R.T. 0.000 min

Lab File: VU053161.D

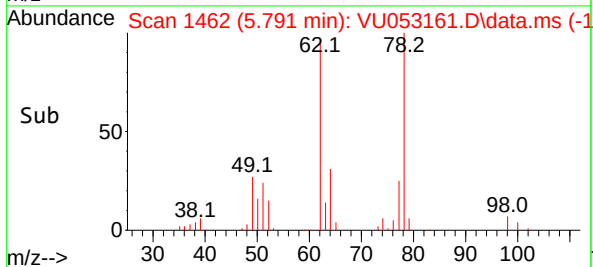
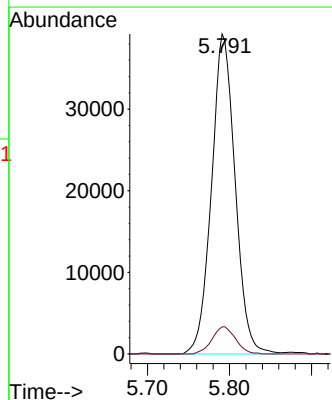
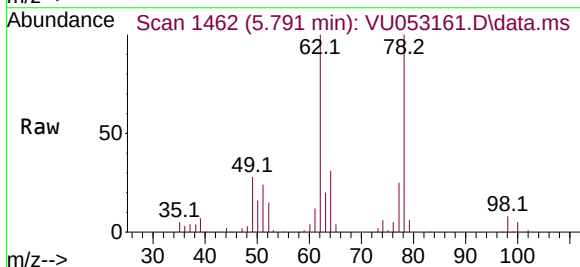
Acq: 27 Feb 2023 19:55

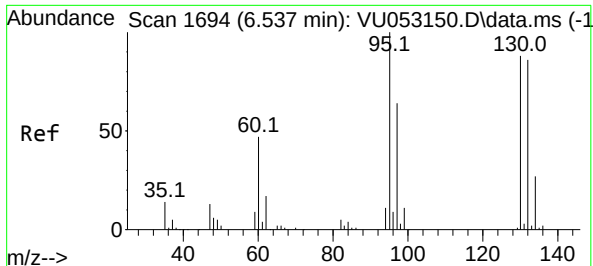
Tgt Ion: 62 Resp: 78376

Ion Ratio Lower Upper

62 100

98 8.5 7.0 10.4





#37

Trichloroethene

Concen: 10.762 ug/l

RT: 6.540 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

Instrument :

MSVOA_U

ClientSampleId :

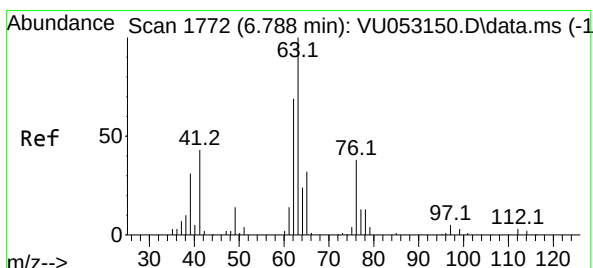
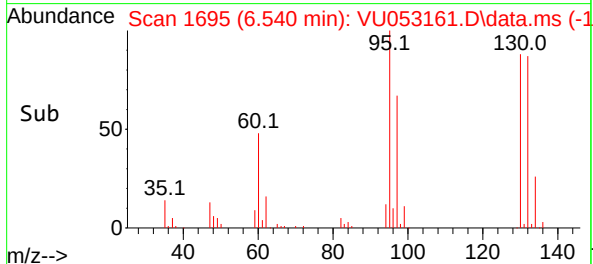
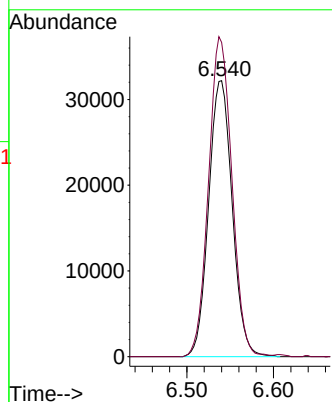
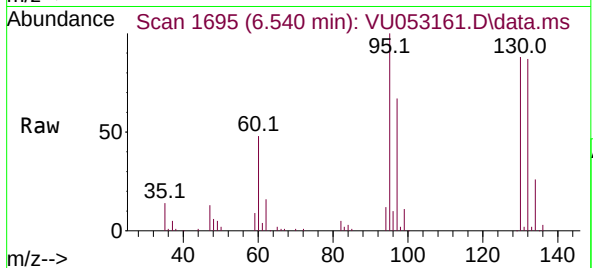
VSTDCCC010EC

Tgt Ion:130 Resp: 61014

Ion Ratio Lower Upper

130 100

95 113.9 91.1 136.7



#38

1,2-Dichloropropane

Concen: 10.970 ug/l

RT: 6.788 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VU053161.D

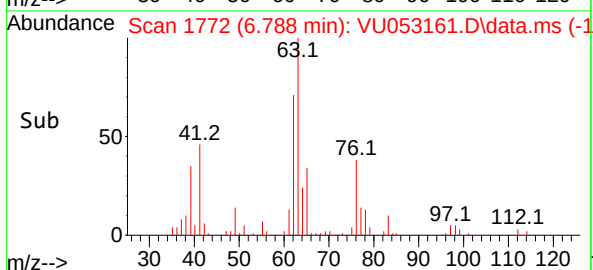
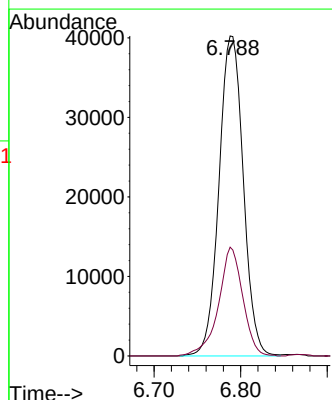
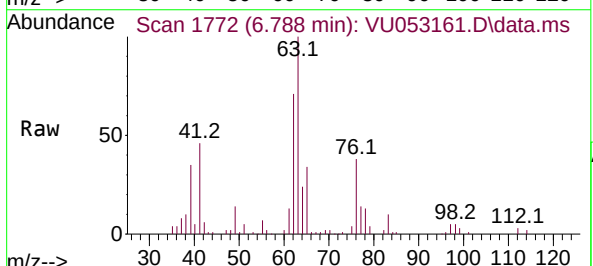
Acq: 27 Feb 2023 19:55

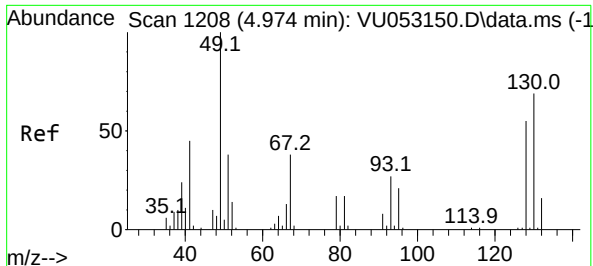
Tgt Ion: 63 Resp: 78386

Ion Ratio Lower Upper

63 100

65 34.0 25.5 38.3





#39

Methacrylonitrile

Concen: 9.840 ug/l

RT: 4.977 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 23032

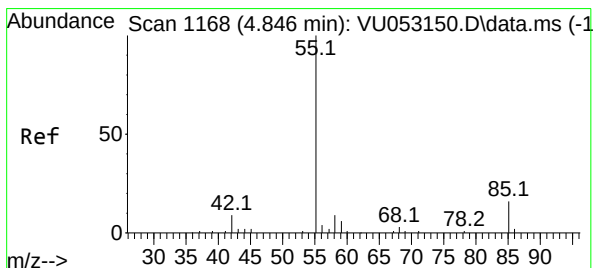
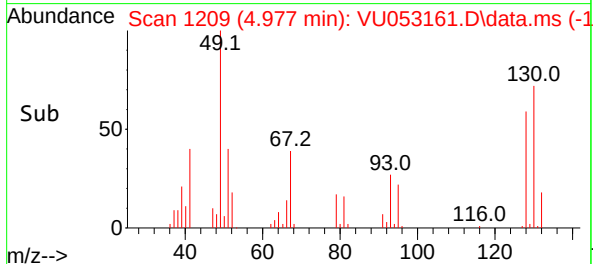
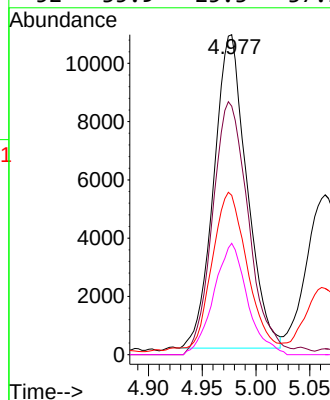
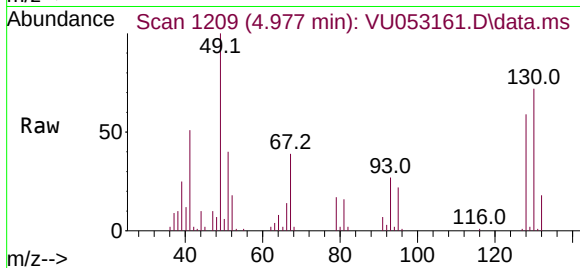
Ion Ratio Lower Upper

41 100

67 87.5 67.1 100.7

39 53.7 42.6 64.0

52 35.9 25.3 37.9



#40

Methyl acrylate

Concen: 11.419 ug/l

RT: 4.846 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

Tgt Ion: 55 Resp: 41314

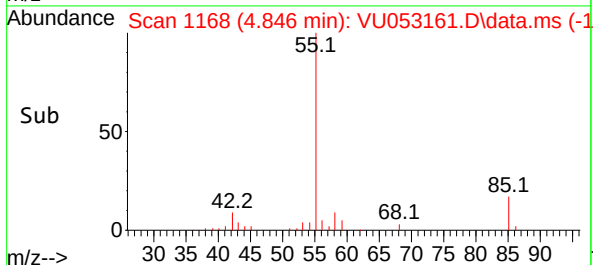
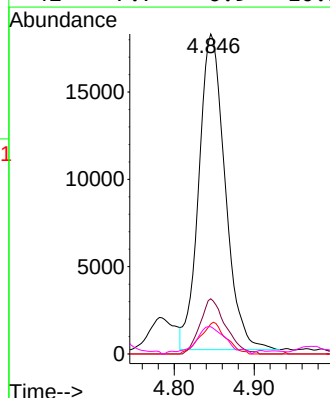
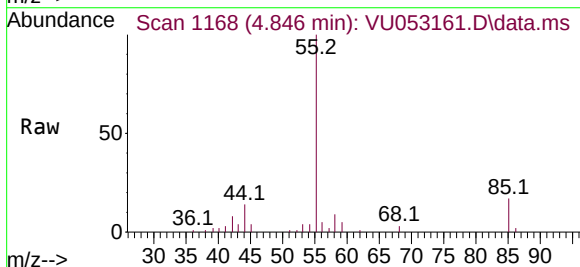
Ion Ratio Lower Upper

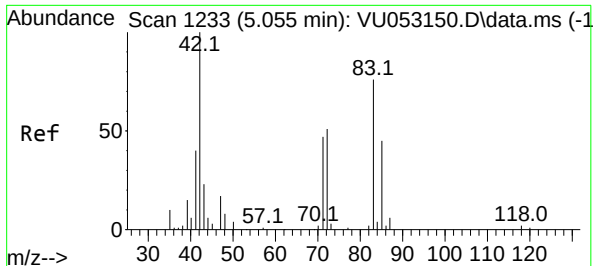
55 100

85 17.0 13.5 20.3

58 9.7 7.3 10.9

42 7.7 6.9 10.3

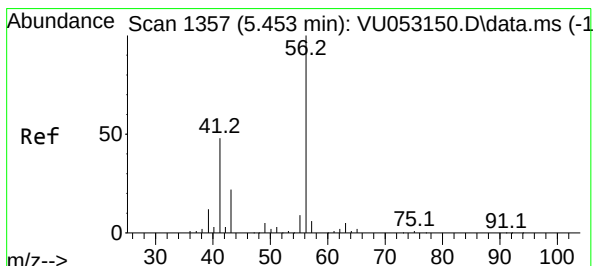
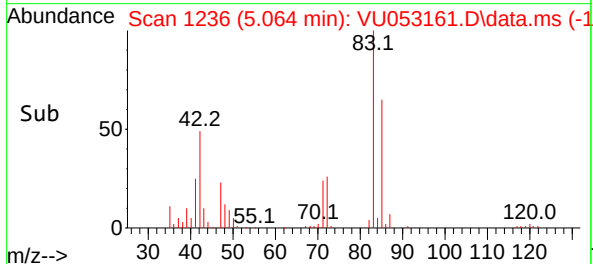
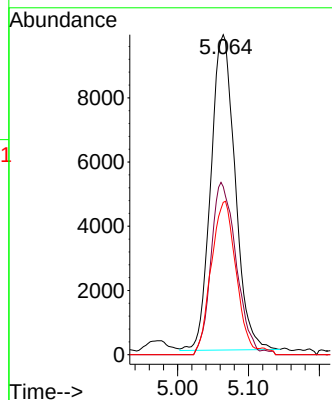
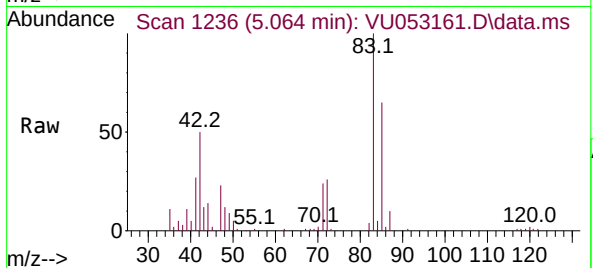




#41
Tetrahydrofuran
Concen: 20.362 ug/l
RT: 5.064 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

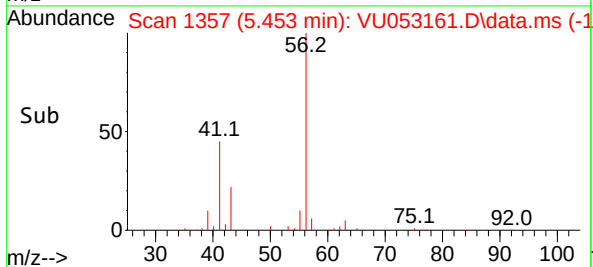
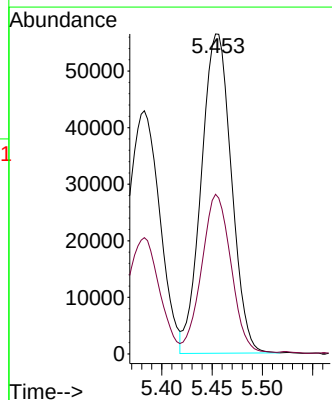
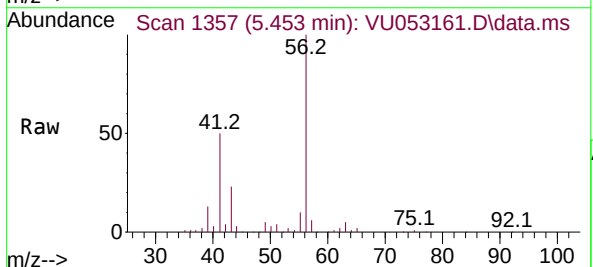
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

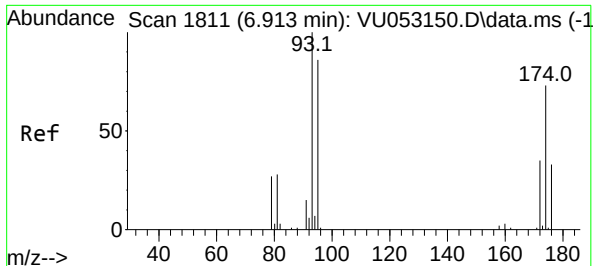
Tgt Ion:	42	Resp:	23369
Ion	Ratio	Lower	Upper
42	100		
72	56.4	41.6	62.4
71	49.7	37.9	56.9



#42
1-Chlorobutane
Concen: 10.073 ug/l
RT: 5.453 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion:	56	Resp:	117410
Ion	Ratio	Lower	Upper
56	100		
41	48.1	23.7	71.1

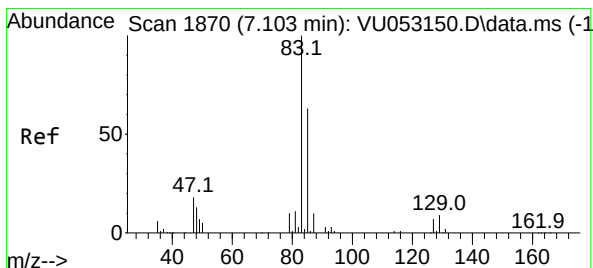
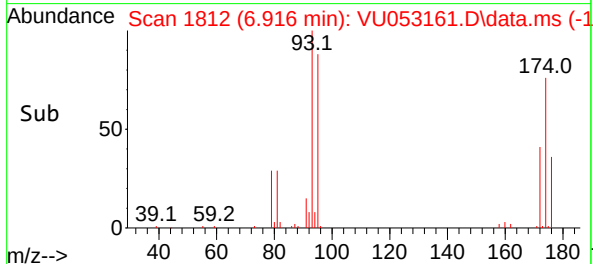
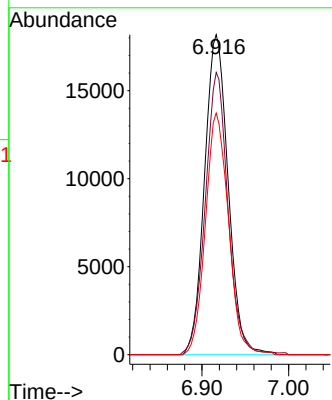
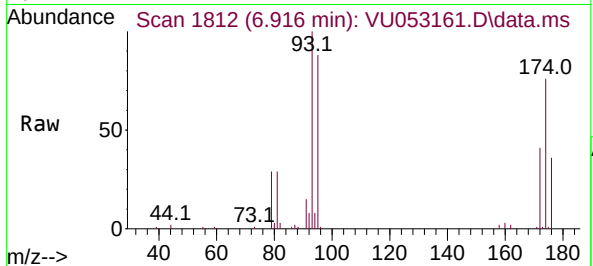




#43
Dibromomethane
Concen: 10.860 ug/l
RT: 6.916 min Scan# 1811
Delta R.T. 0.003 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

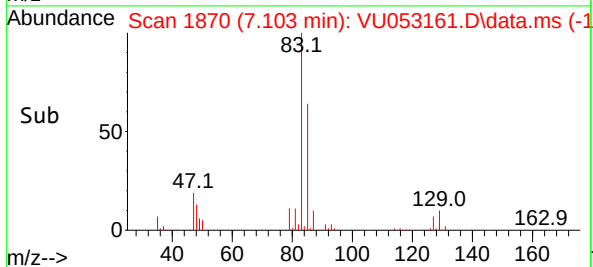
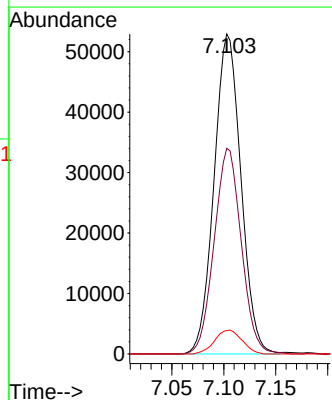
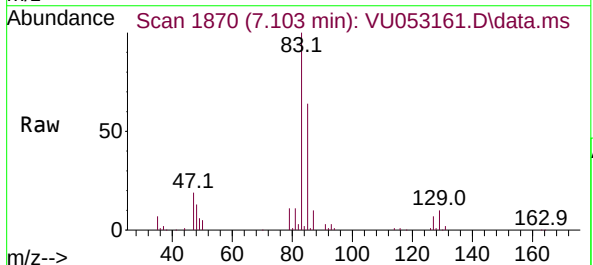
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

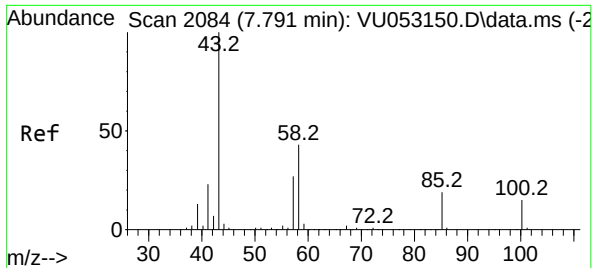
Tgt Ion: 93 Resp: 34393
Ion Ratio Lower Upper
93 100
95 85.6 66.5 99.7
174 74.0 58.2 87.4



#44
Bromodichloromethane
Concen: 10.991 ug/l
RT: 7.103 min Scan# 1870
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion: 83 Resp: 95219
Ion Ratio Lower Upper
83 100
85 64.3 50.6 75.8
127 7.4 5.8 8.8

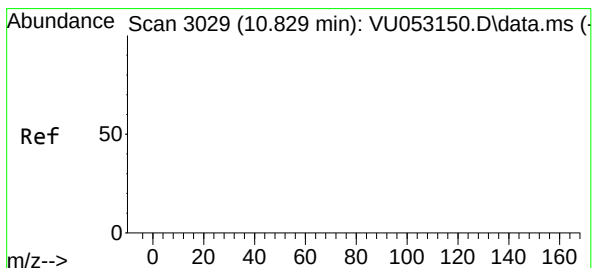
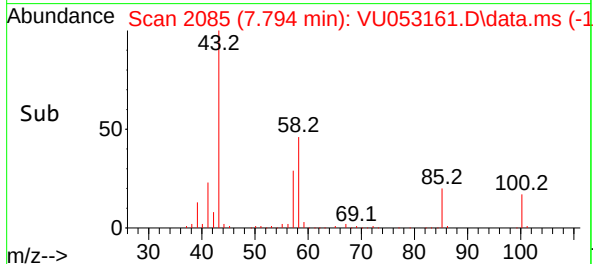
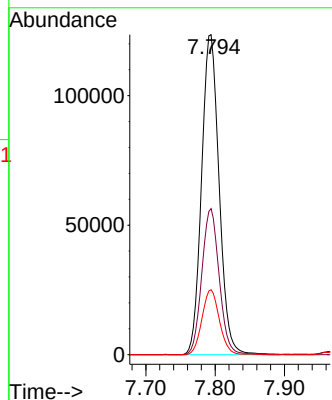
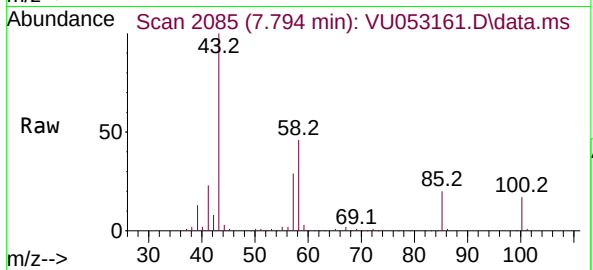




#45
4-Methyl-2-Pentanone
Concen: 56.119 ug/l
RT: 7.794 min Scan# 2085
Delta R.T. 0.003 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

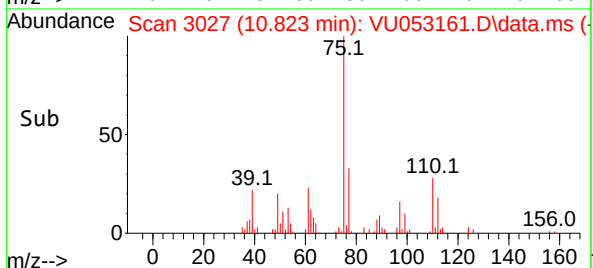
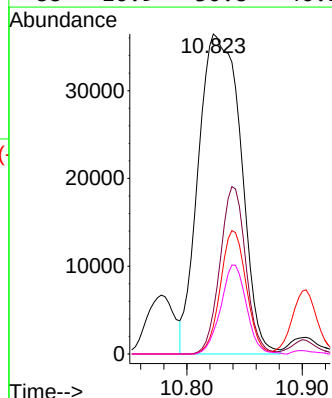
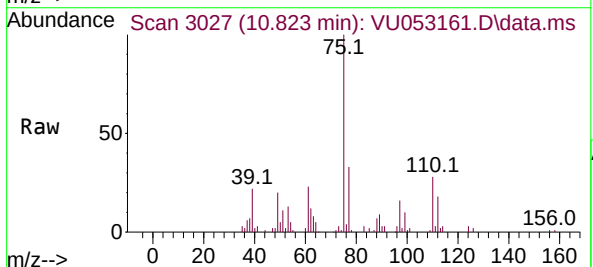
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

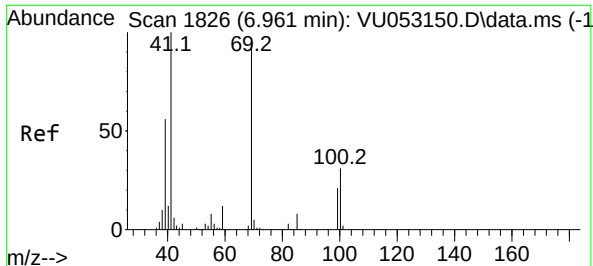
Tgt Ion: 43 Resp: 217002
Ion Ratio Lower Upper
43 100
58 45.3 22.0 66.0
85 20.1 15.7 23.5



#46
t-1,4-Dichloro-2-butene
Concen: 47.555 ug/l
RT: 10.823 min Scan# 3027
Delta R.T. -0.006 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion: 75 Resp: 92663
Ion Ratio Lower Upper
75 100
53 32.0 57.0 85.4#
89 23.7 43.1 64.7#
88 16.9 30.8 46.2#





#47

Methyl methacrylate

Concen: 22.902 ug/l

RT: 6.961 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 69 Resp: 74657

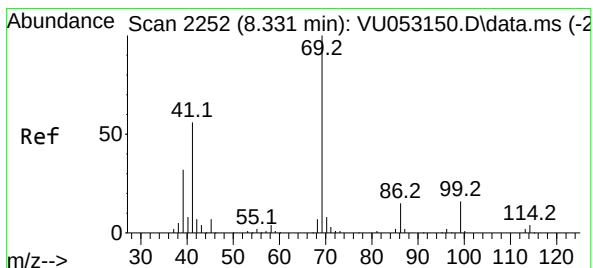
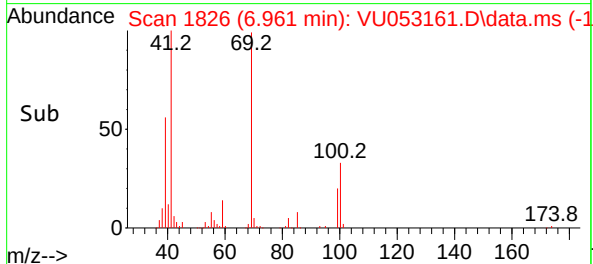
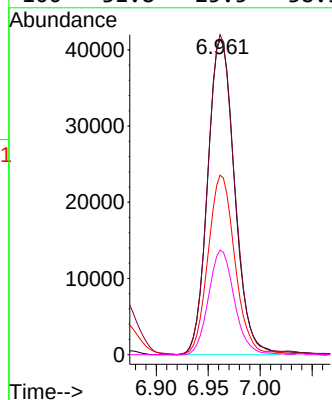
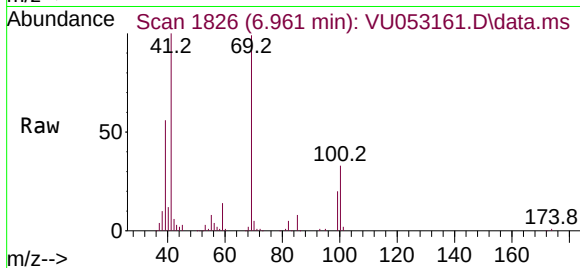
Ion Ratio Lower Upper

69 100

41 100.7 0.0 201.0

39 56.8 47.1 70.7

100 31.8 25.5 38.3



#48

Ethyl methacrylate

Concen: 11.273 ug/l

RT: 8.334 min Scan# 2253

Delta R.T. 0.003 min

Lab File: VU053161.D

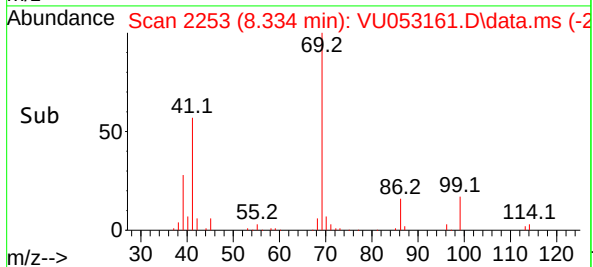
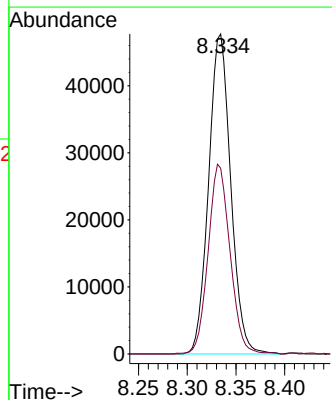
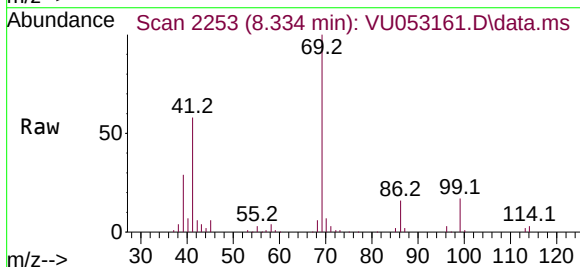
Acq: 27 Feb 2023 19:55

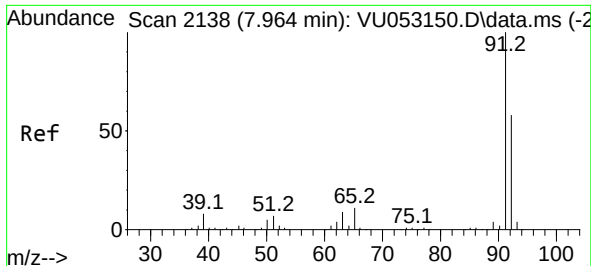
Tgt Ion: 69 Resp: 75408

Ion Ratio Lower Upper

69 100

41 58.7 28.2 84.6





#49

Toluene

Concen: 10.740 ug/l

RT: 7.965 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

Instrument :

MSVOA_U

ClientSampleId :

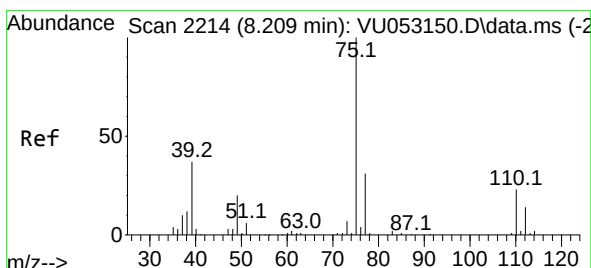
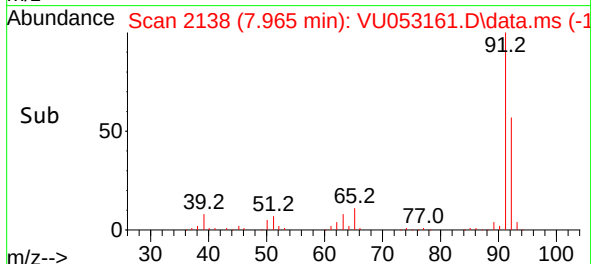
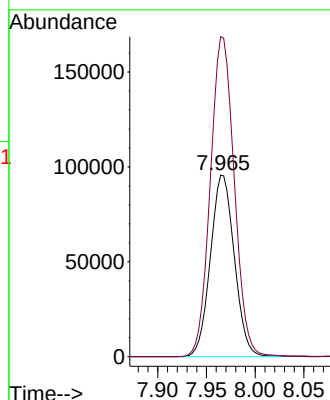
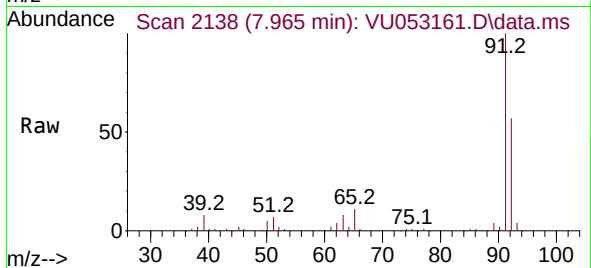
VSTDCCC010EC

Tgt Ion: 92 Resp: 163417

Ion Ratio Lower Upper

92 100

91 176.7 138.2 207.2



#50

t-1,3-Dichloropropene

Concen: 11.165 ug/l

RT: 8.209 min Scan# 2214

Delta R.T. 0.000 min

Lab File: VU053161.D

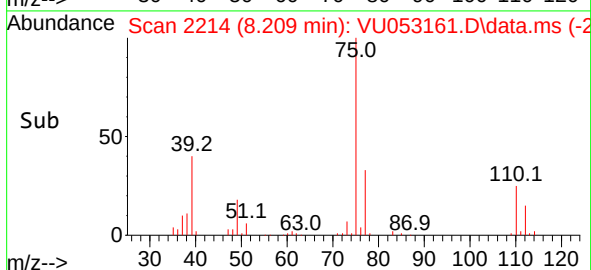
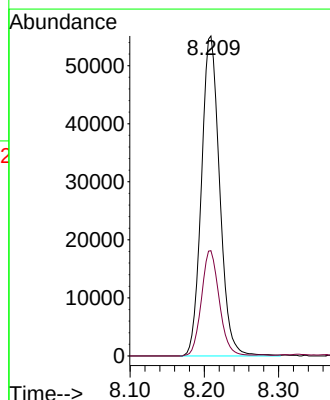
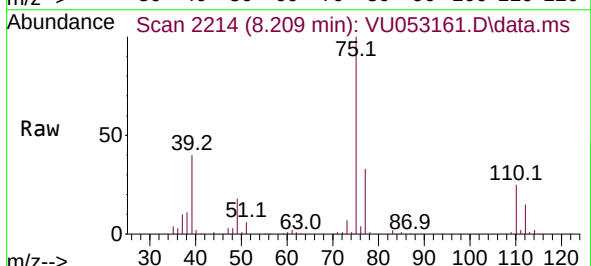
Acq: 27 Feb 2023 19:55

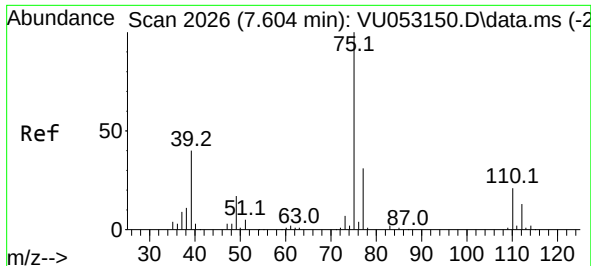
Tgt Ion: 75 Resp: 93972

Ion Ratio Lower Upper

75 100

77 32.9 25.1 37.7

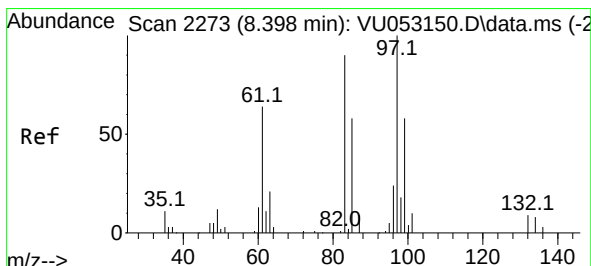
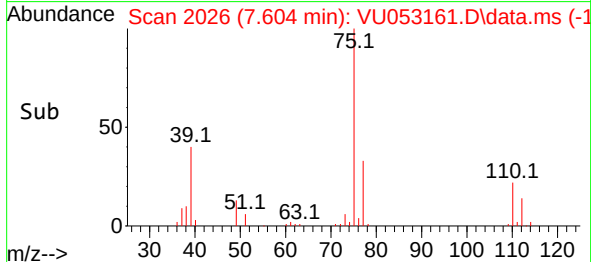
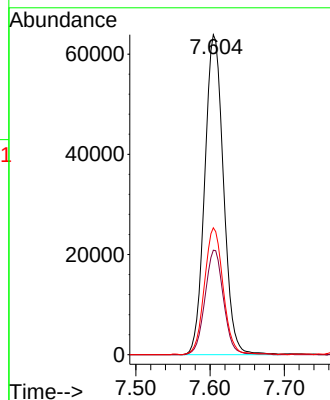
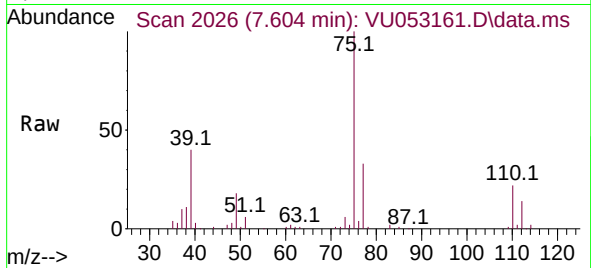




#51
 cis-1,3-Dichloropropene
 Concen: 10.974 ug/l
 RT: 7.604 min Scan# 2026
 Delta R.T. 0.000 min
 Lab File: VU053161.D
 Acq: 27 Feb 2023 19:55

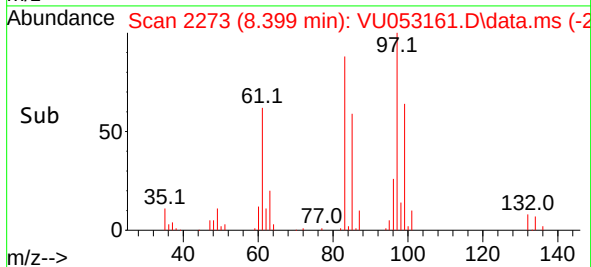
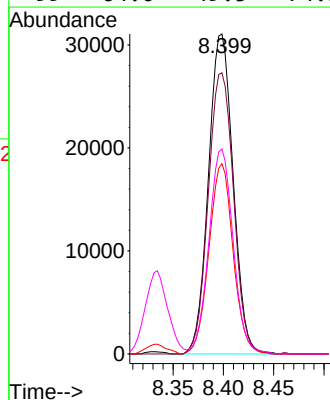
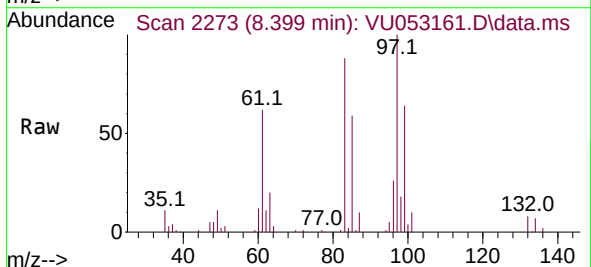
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

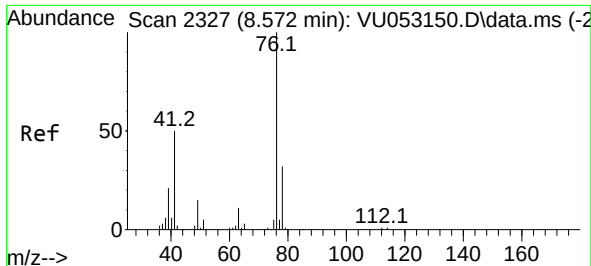
Tgt Ion: 75 Resp: 111930
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.9 37.3
 39 39.7 32.2 48.2



#52
 1,1,2-Trichloroethane
 Concen: 11.400 ug/l
 RT: 8.399 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: VU053161.D
 Acq: 27 Feb 2023 19:55

Tgt Ion: 97 Resp: 53032
 Ion Ratio Lower Upper
 97 100
 83 87.8 71.9 107.9
 85 59.5 46.5 69.7
 99 64.0 49.5 74.3





#53

1,3-Dichloropropane

Concen: 11.114 ug/l

RT: 8.572 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

Instrument :

MSVOA_U

ClientSampleId :

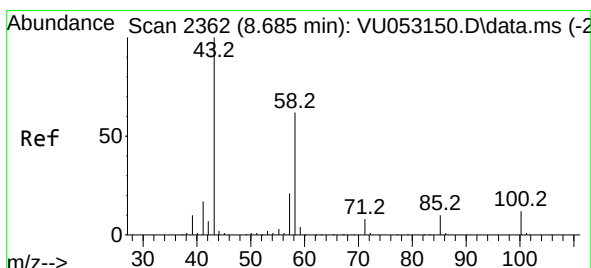
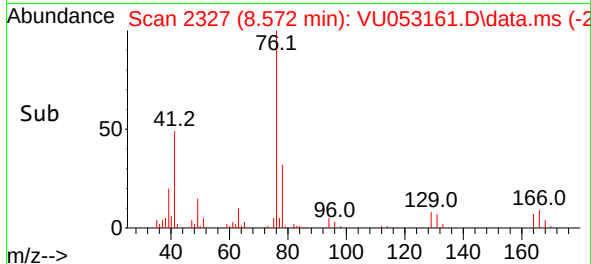
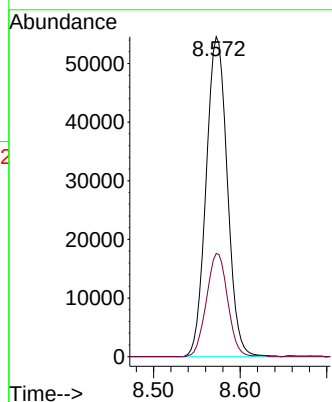
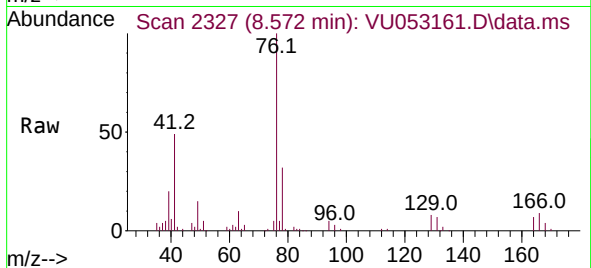
VSTDCCC010EC

Tgt Ion: 76 Resp: 92695

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



#54

2-Hexanone

Concen: 46.240 ug/l

RT: 8.685 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

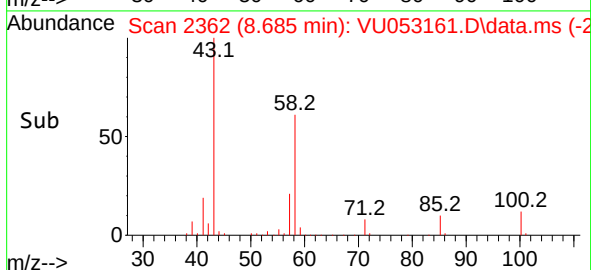
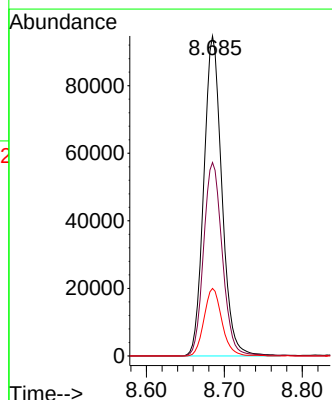
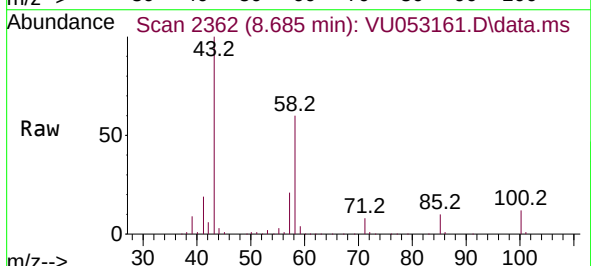
Tgt Ion: 43 Resp: 152344

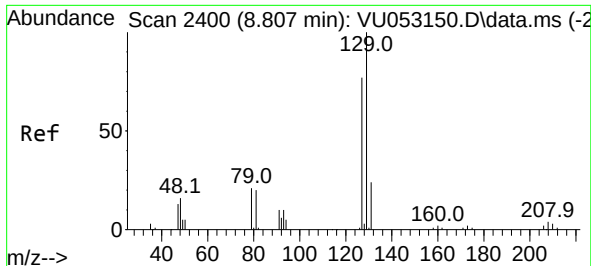
Ion Ratio Lower Upper

43 100

58 62.5 42.0 82.0

57 20.9 1.2 41.2

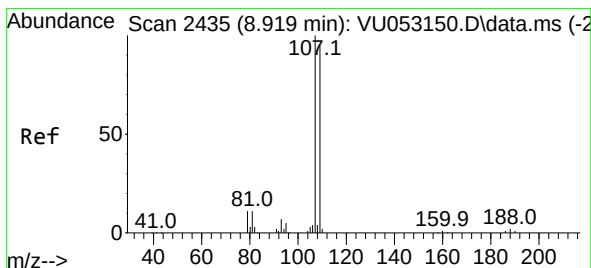
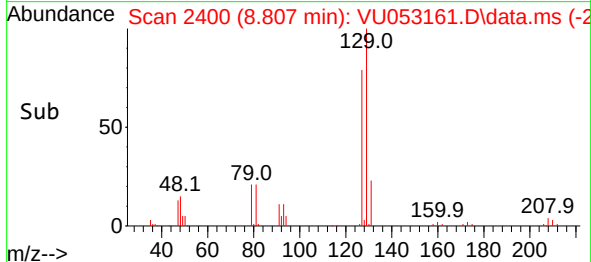
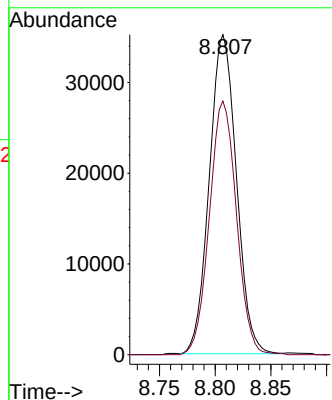
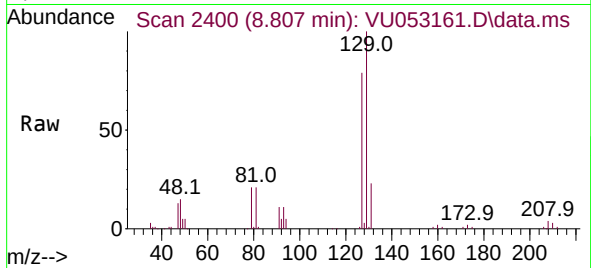




#55
Dibromochloromethane
Concen: 11.231 ug/l
RT: 8.807 min Scan# 2400
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

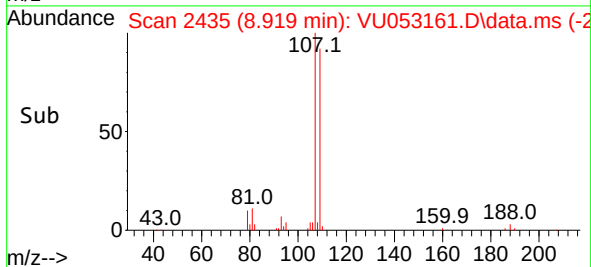
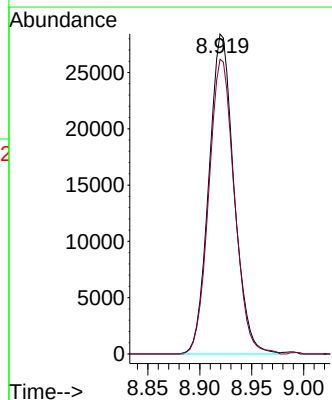
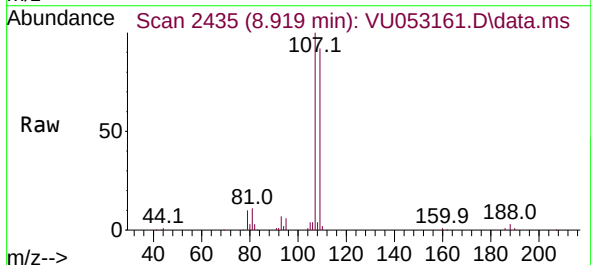
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

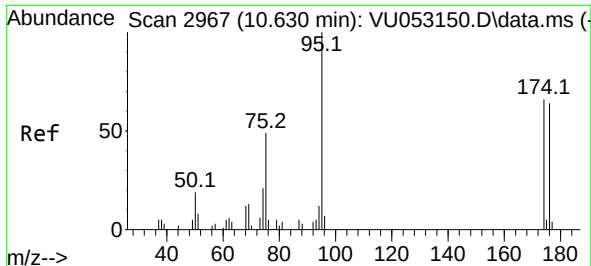
Tgt Ion:129 Resp: 59608
Ion Ratio Lower Upper
129 100
127 79.3 61.1 91.7



#56
1,2-Dibromoethane
Concen: 11.560 ug/l
RT: 8.919 min Scan# 2435
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion:107 Resp: 47774
Ion Ratio Lower Upper
107 100
109 93.7 0.0 186.2

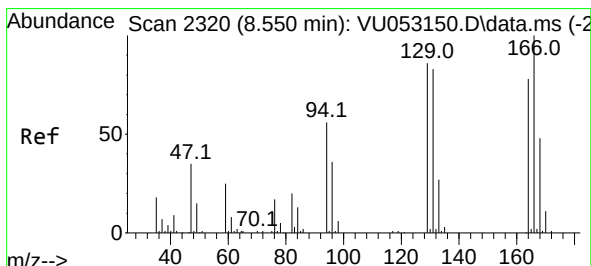
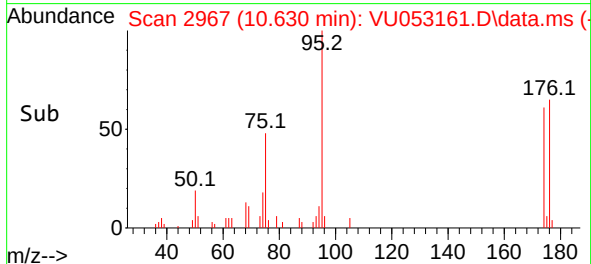
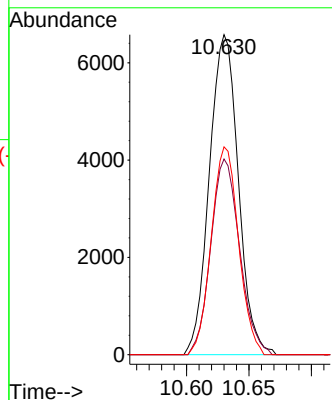
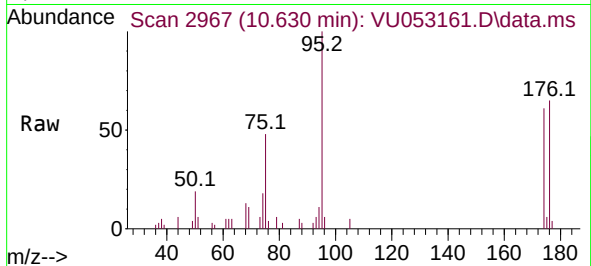




#57
4-Bromofluorobenzene
Concen: 1.023 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

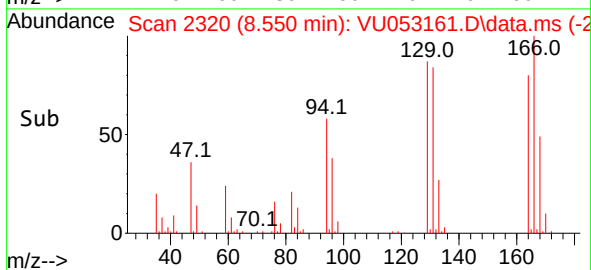
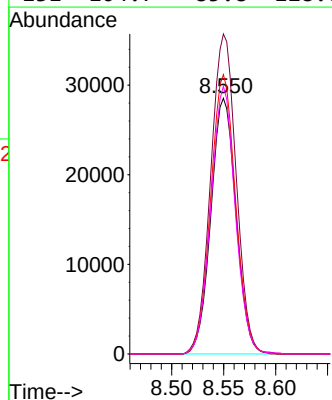
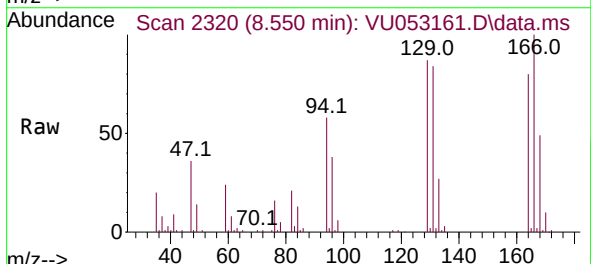
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

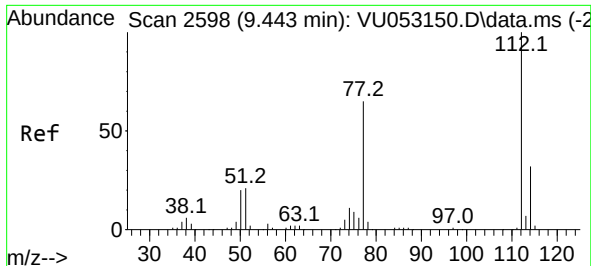
Tgt Ion: 95 Resp: 10641
Ion Ratio Lower Upper
95 100
174 60.8 50.7 76.1
176 61.2 47.8 71.6



#58
Tetrachloroethene
Concen: 10.552 ug/l
RT: 8.550 min Scan# 2320
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion: 164 Resp: 47703
Ion Ratio Lower Upper
164 100
166 125.1 103.2 154.8
129 109.3 88.8 133.2
131 104.7 85.8 128.6





#59

Chlorobenzene

Concen: 11.084 ug/l

RT: 9.444 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

Instrument :

MSVOA_U

ClientSampleId :

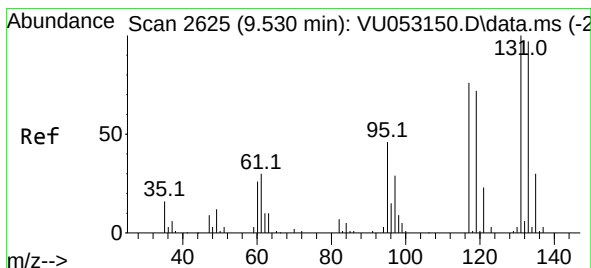
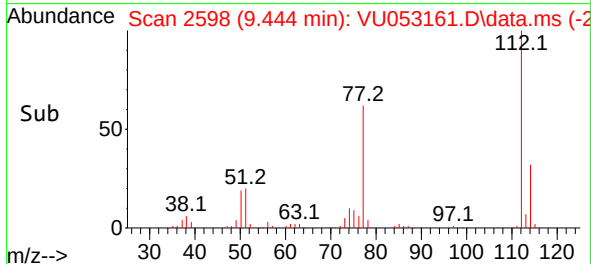
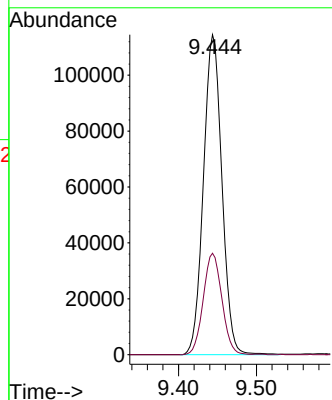
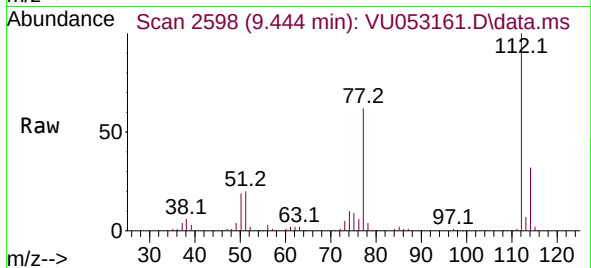
VSTDCCC010EC

Tgt Ion:112 Resp: 188601

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 11.323 ug/l

RT: 9.530 min Scan# 2625

Delta R.T. 0.000 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

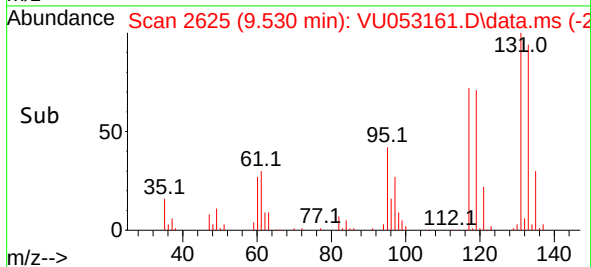
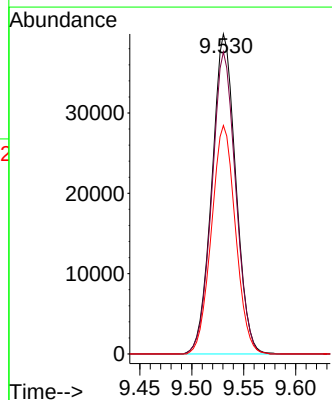
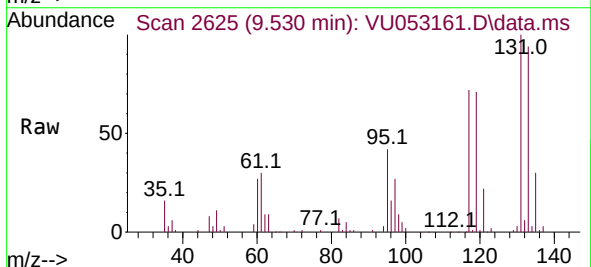
Tgt Ion:131 Resp: 63643

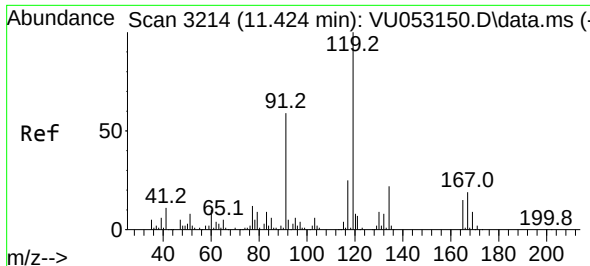
Ion Ratio Lower Upper

131 100

133 94.3 76.7 115.1

119 71.9 57.6 86.4

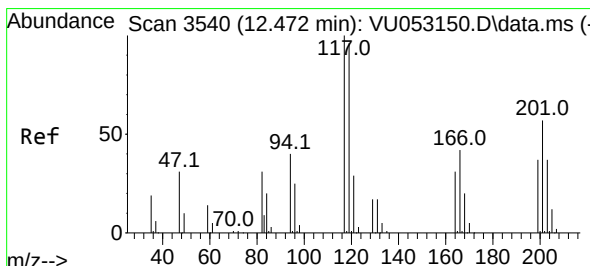
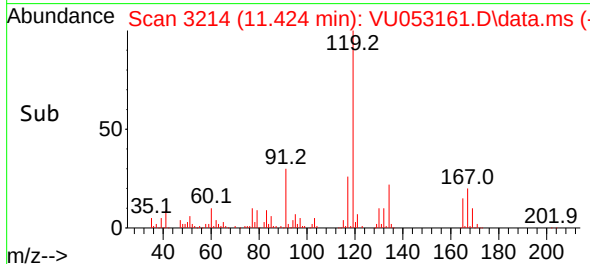
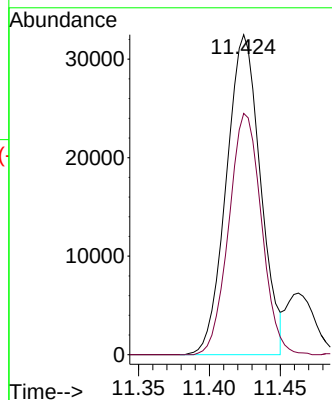
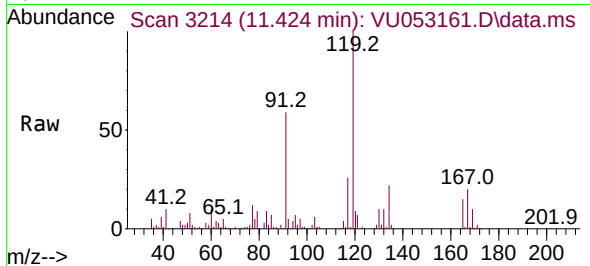




#61
 Pentachloroethane
 Concen: 11.150 ug/l
 RT: 11.424 min Scan# 3214
 Delta R.T. 0.000 min
 Lab File: VU053161.D
 Acq: 27 Feb 2023 19:55

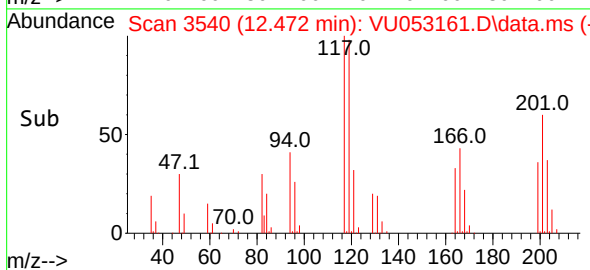
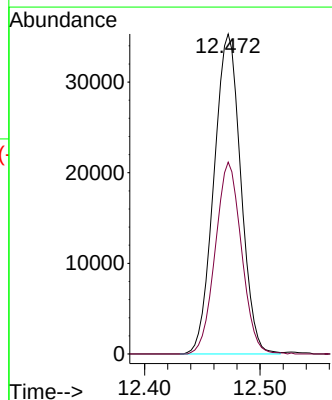
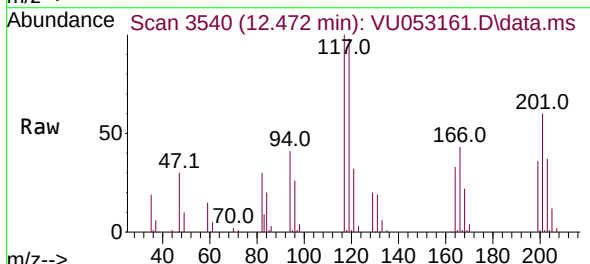
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

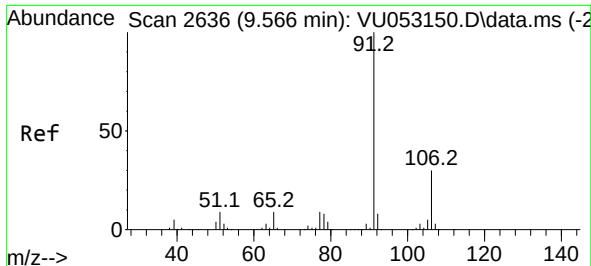
Tgt Ion:117 Resp: 54454
 Ion Ratio Lower Upper
 117 100
 167 72.1 57.5 86.3



#62
 Hexachloroethane
 Concen: 10.597 ug/l
 RT: 12.472 min Scan# 3540
 Delta R.T. 0.000 min
 Lab File: VU053161.D
 Acq: 27 Feb 2023 19:55

Tgt Ion:117 Resp: 57056
 Ion Ratio Lower Upper
 117 100
 201 58.5 46.7 70.1

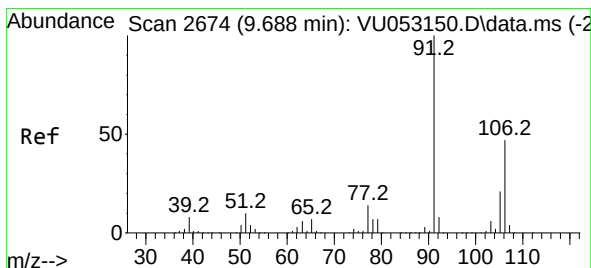
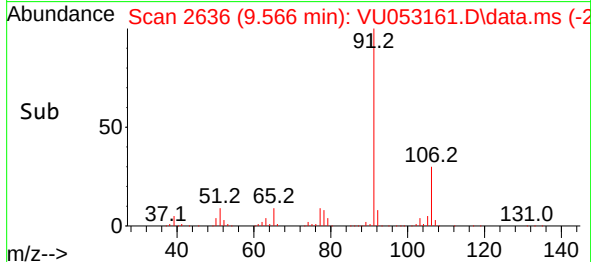
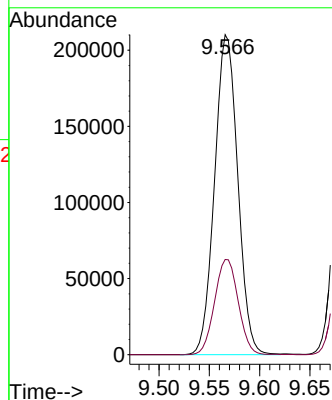
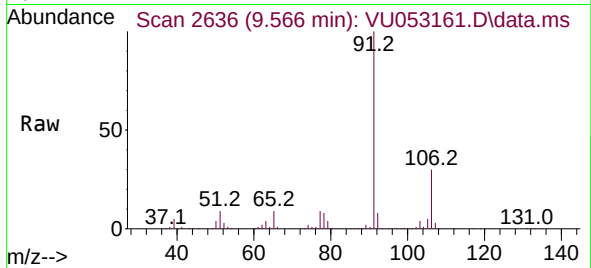




#63
Ethyl Benzene
Concen: 10.729 ug/l
RT: 9.566 min Scan# 2636
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

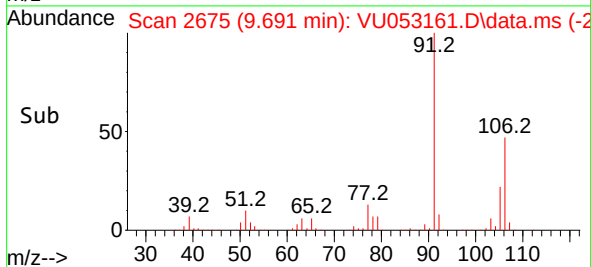
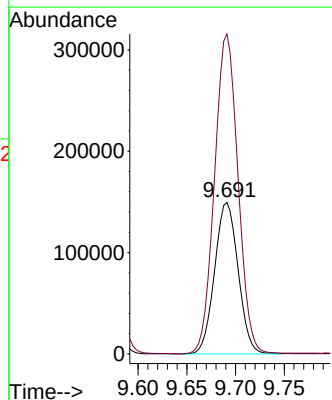
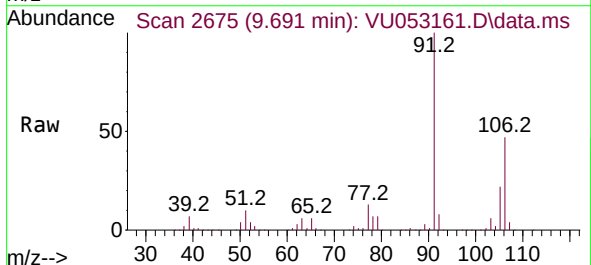
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

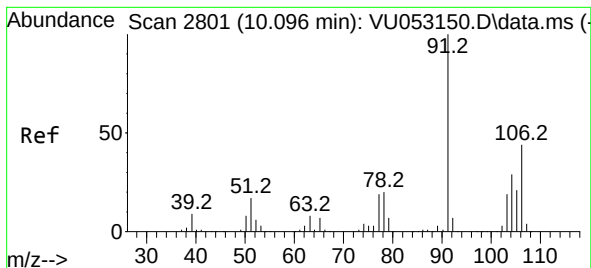
Tgt Ion: 91 Resp: 336928
Ion Ratio Lower Upper
91 100
106 29.8 24.0 36.0



#64
m/p-Xylenes
Concen: 22.024 ug/l
RT: 9.691 min Scan# 2675
Delta R.T. 0.003 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion: 106 Resp: 250851
Ion Ratio Lower Upper
106 100
91 210.7 170.7 256.1

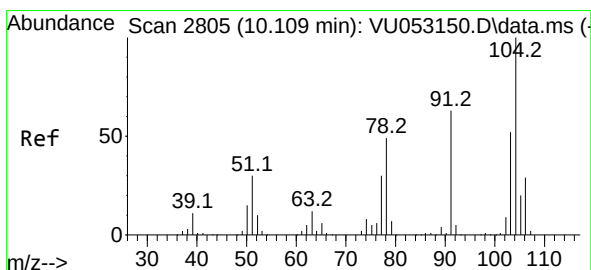
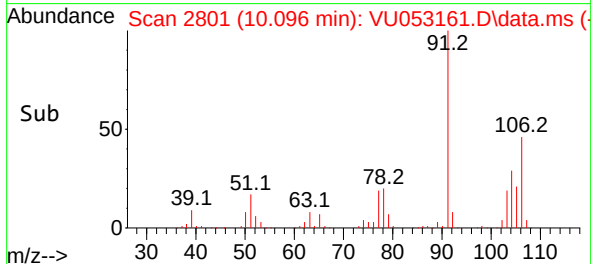
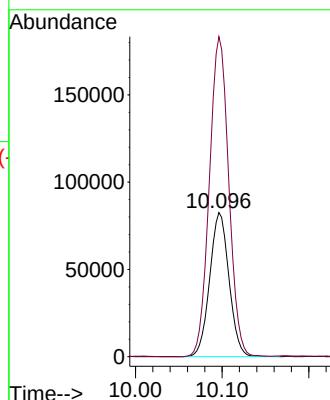
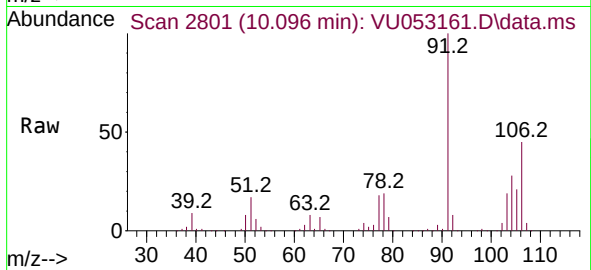




#65
o-Xylene
Concen: 10.979 ug/l
RT: 10.096 min Scan# 2801
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

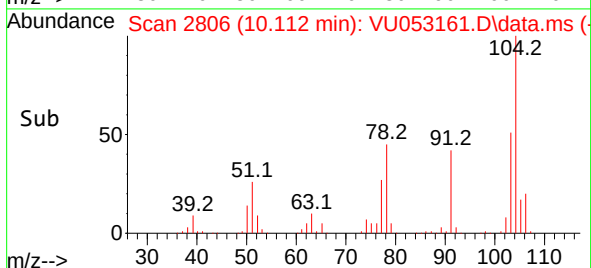
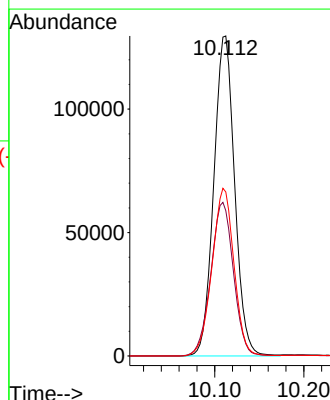
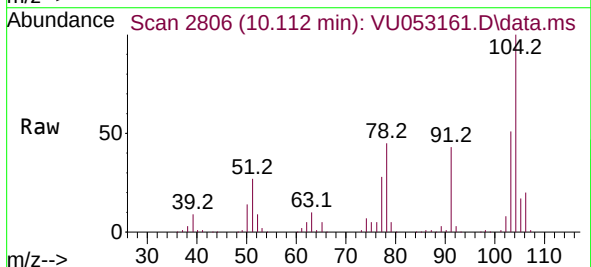
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

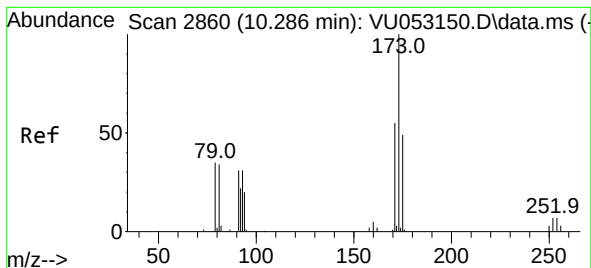
Tgt Ion:106 Resp: 127704
Ion Ratio Lower Upper
106 100
91 223.6 112.8 338.4



#66
Styrene
Concen: 11.449 ug/l
RT: 10.112 min Scan# 2806
Delta R.T. 0.003 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion:104 Resp: 211103
Ion Ratio Lower Upper
104 100
78 52.1 43.3 64.9
103 55.2 45.2 67.8





#67

Bromoform

Concen: 11.767 ug/l

RT: 10.286 min Scan# 2860

Delta R.T. 0.000 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

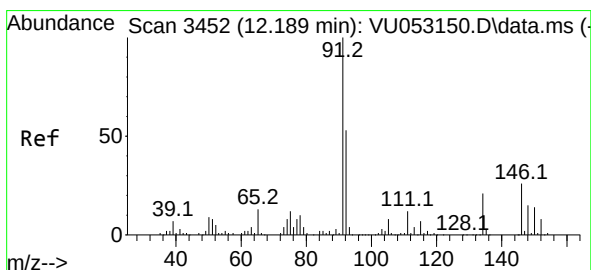
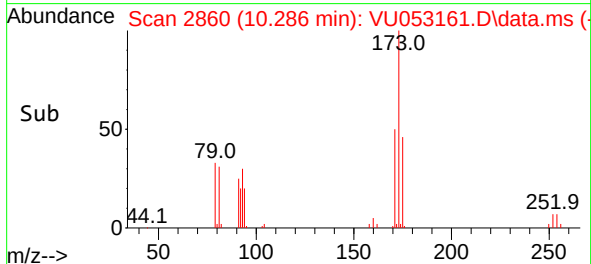
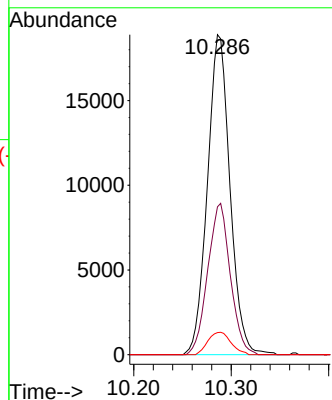
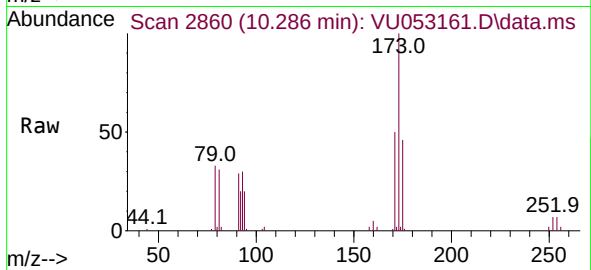
Tgt Ion:173 Resp: 30373

Ion Ratio Lower Upper

173 100

175 47.3 38.7 58.1

254 7.2 5.8 8.8



#68

1,2-Dichlorobenzene-d4

Concen: 1.090 ug/l

RT: 12.189 min Scan# 3452

Delta R.T. 0.000 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

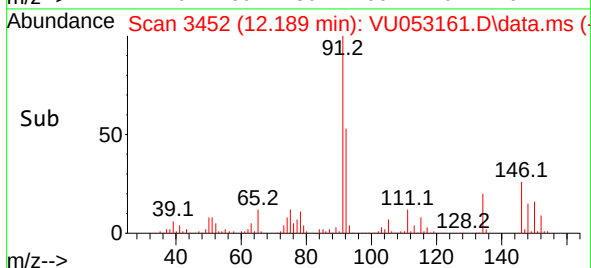
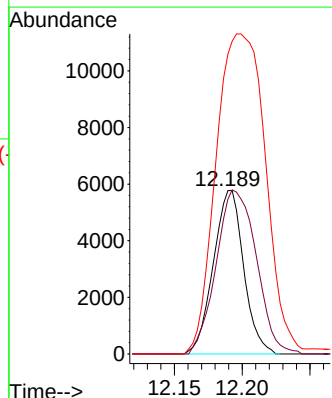
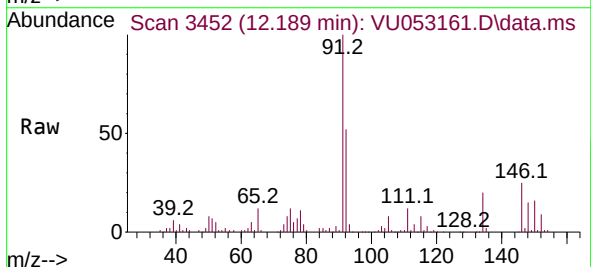
Tgt Ion:152 Resp: 8989

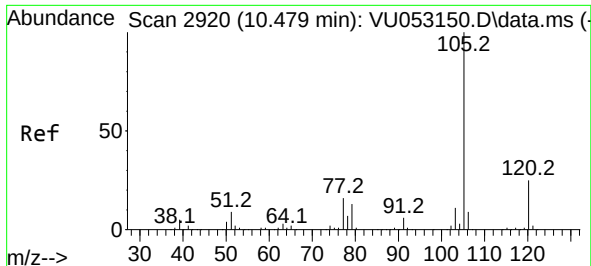
Ion Ratio Lower Upper

152 100

115 132.7 0.0 267.8

150 320.2 0.0 623.0

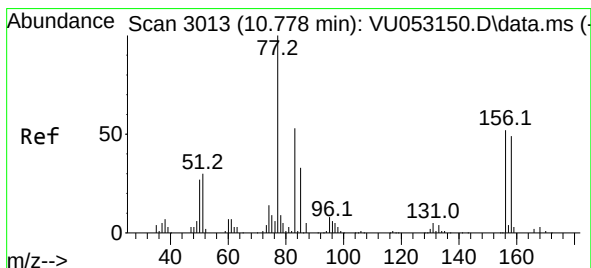
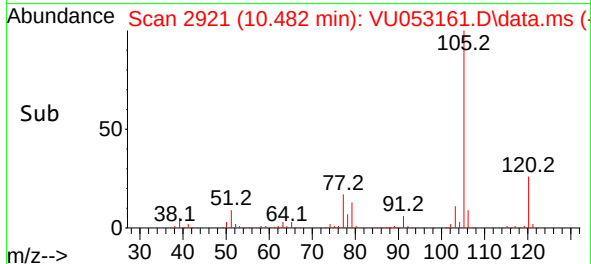
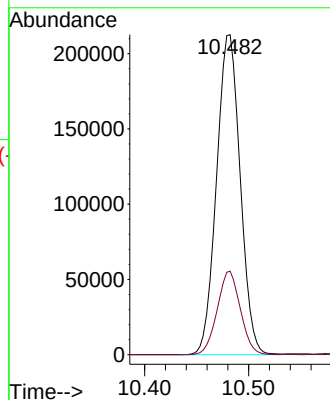
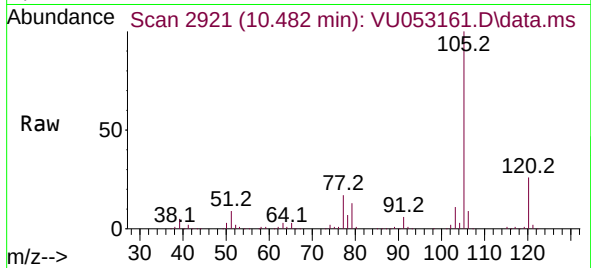




#69
Isopropylbenzene
Concen: 10.804 ug/l
RT: 10.482 min Scan# 2920
Delta R.T. 0.003 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

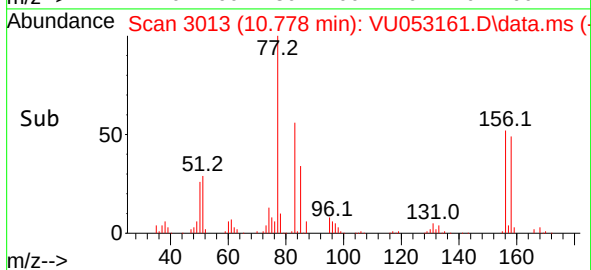
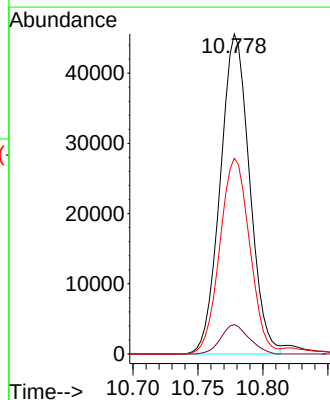
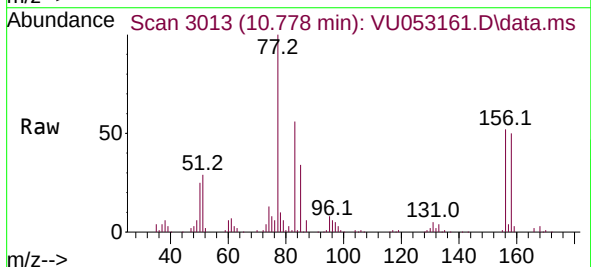
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

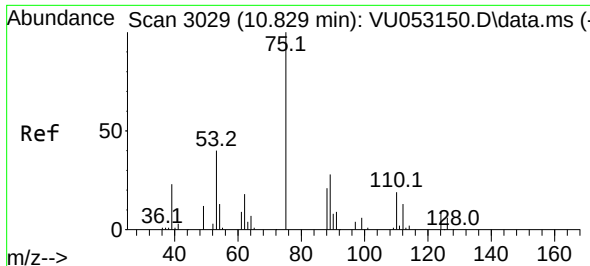
Tgt Ion:105 Resp: 336560
Ion Ratio Lower Upper
105 100
120 25.4 12.6 37.6



#70
1,1,2,2-Tetrachloroethane
Concen: 11.407 ug/l
RT: 10.778 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion: 83 Resp: 71514
Ion Ratio Lower Upper
83 100
131 8.8 6.6 9.8
85 62.4 49.3 73.9

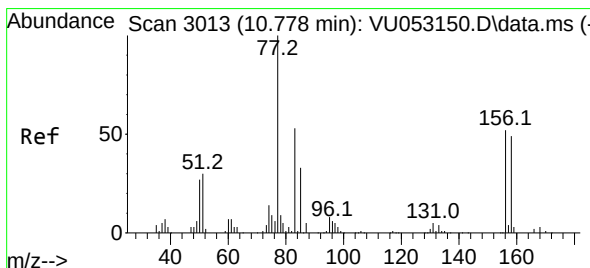
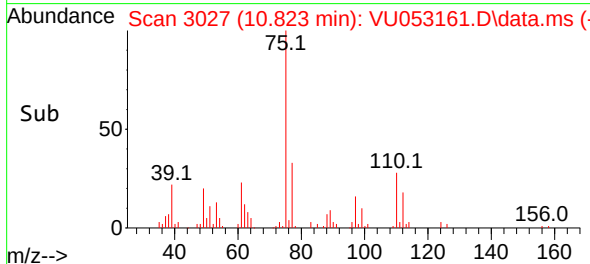
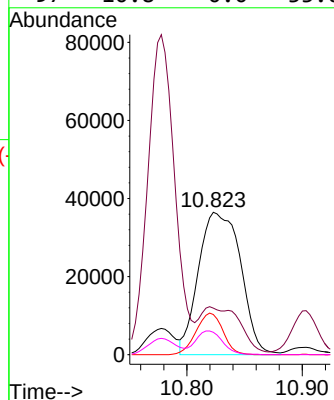
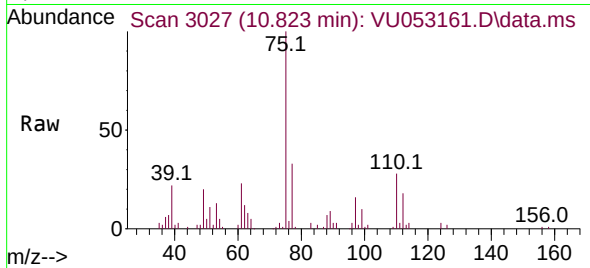




#71
1,2,3-Trichloropropane
Concen: 17.173 ug/l
RT: 10.823 min Scan# 3029
Delta R.T. -0.006 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

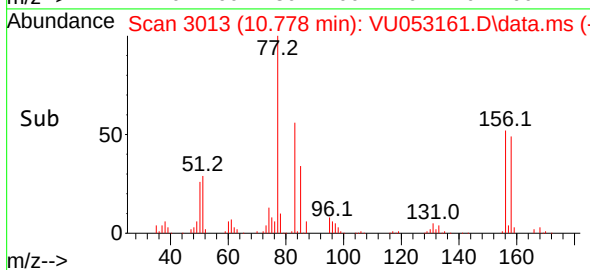
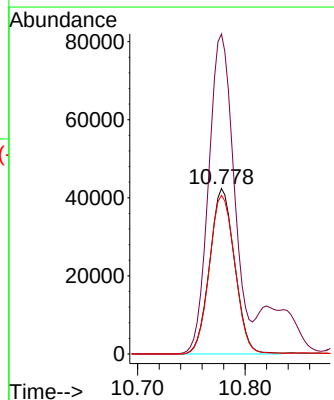
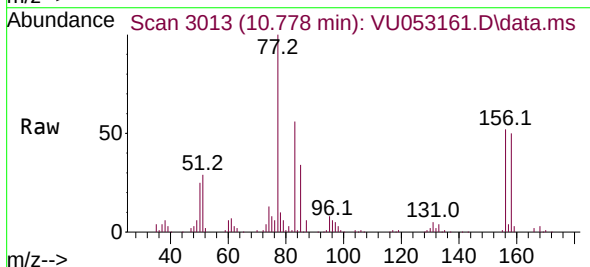
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

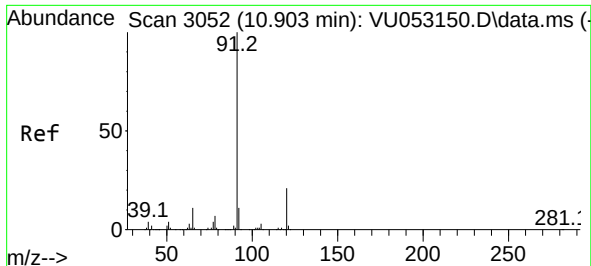
Tgt Ion:	75	Resp:	92663
Ion	Ratio	Lower	Upper
75	100		
77	31.1	0.0	98.2
110	18.6	0.0	57.0
97	10.8	0.0	33.6



#72
Bromobenzene
Concen: 11.311 ug/l
RT: 10.778 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion:	156	Resp:	68372
Ion	Ratio	Lower	Upper
156	100		
77	196.8	0.0	397.0
158	98.1	0.0	189.2

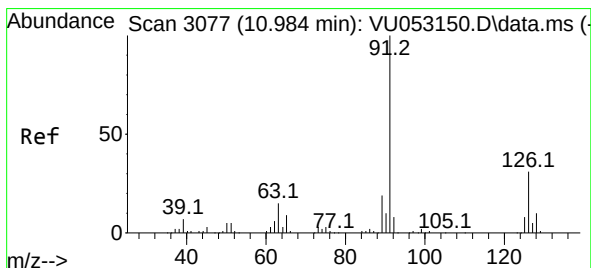
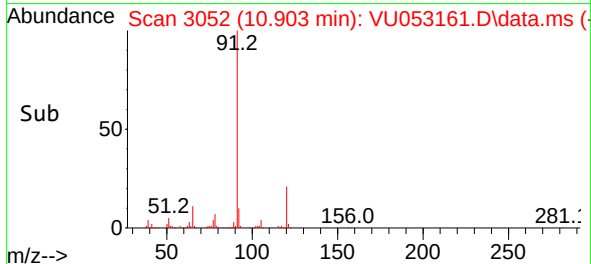
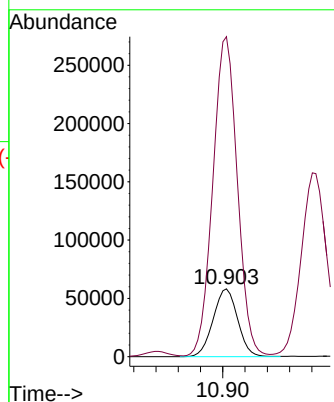
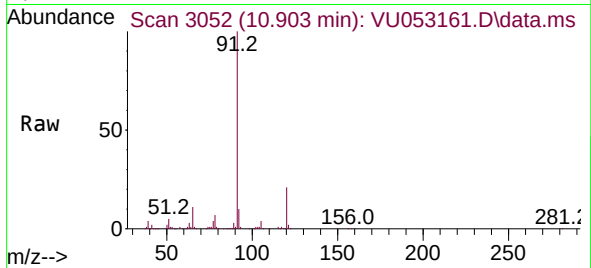




#73
n-propylbenzene
Concen: 10.747 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

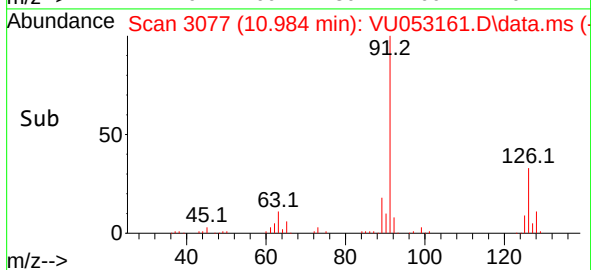
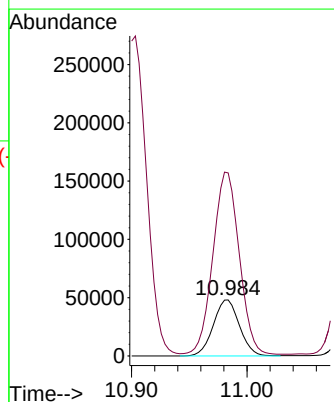
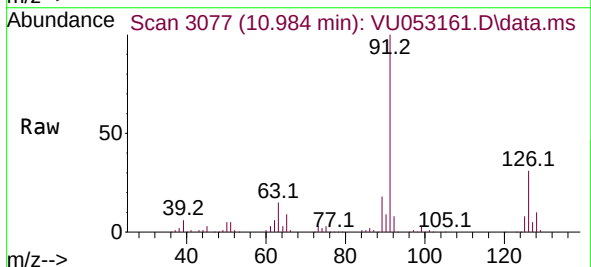
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

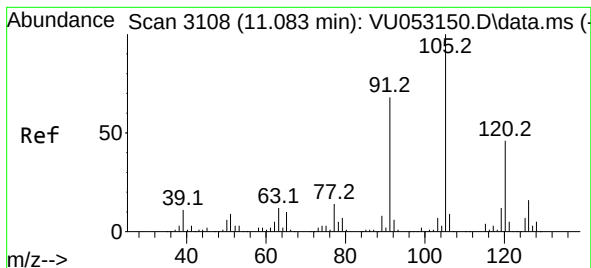
Tgt Ion:120 Resp: 88828
Ion Ratio Lower Upper
120 100
91 469.2 372.5 558.7



#74
2-Chlorotoluene
Concen: 11.041 ug/l
RT: 10.984 min Scan# 3077
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion:126 Resp: 75560
Ion Ratio Lower Upper
126 100
91 327.7 0.0 658.6





#75

1,3,5-Trimethylbenzene

Concen: 10.845 ug/l

RT: 11.083 min Scan# 3108

Delta R.T. 0.000 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

Instrument :

MSVOA_U

ClientSampleId :

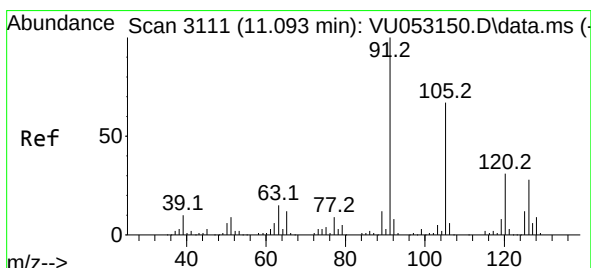
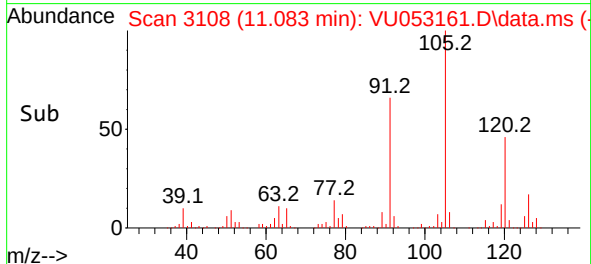
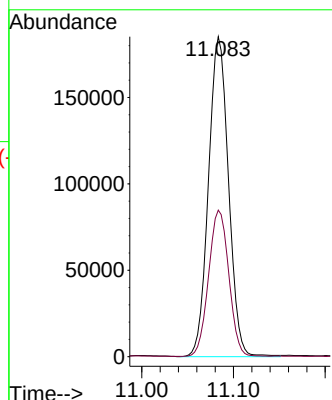
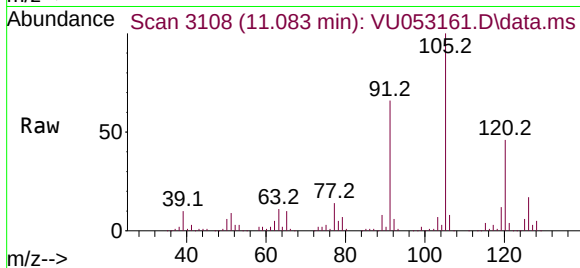
VSTDCCC010EC

Tgt Ion:105 Resp: 281132

Ion Ratio Lower Upper

105 100

120 46.1 36.5 54.7



#76

4-Chlorotoluene

Concen: 10.827 ug/l

RT: 11.093 min Scan# 3111

Delta R.T. 0.000 min

Lab File: VU053161.D

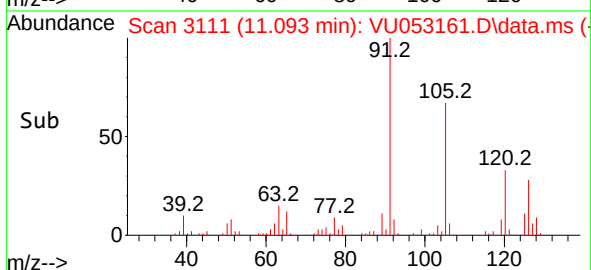
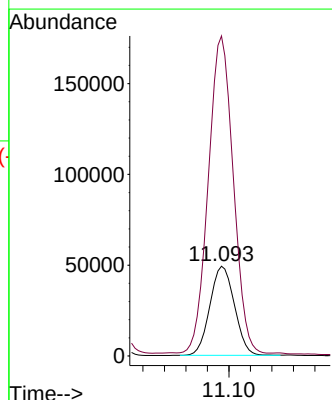
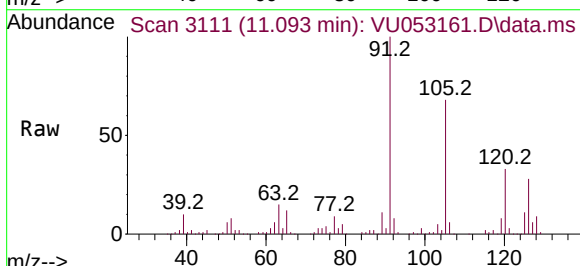
Acq: 27 Feb 2023 19:55

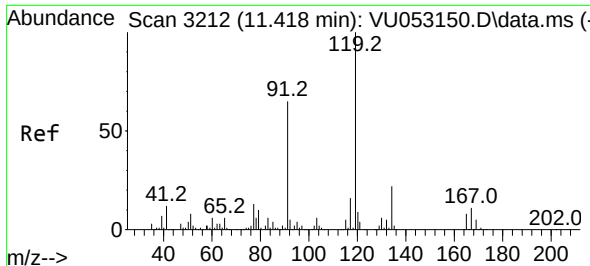
Tgt Ion:126 Resp: 77889

Ion Ratio Lower Upper

126 100

91 361.4 0.0 760.6

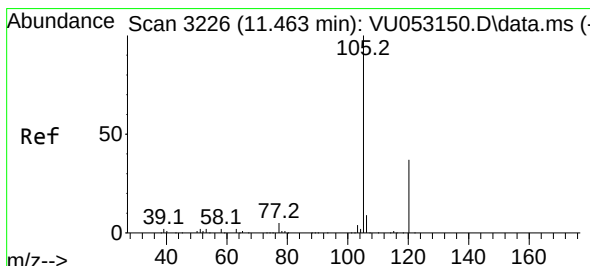
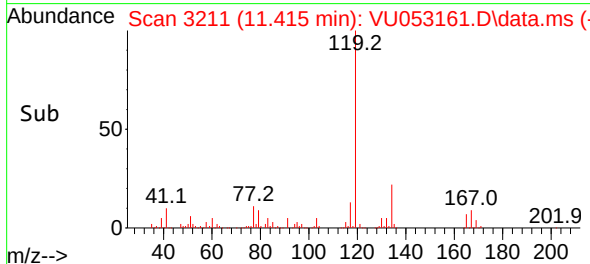
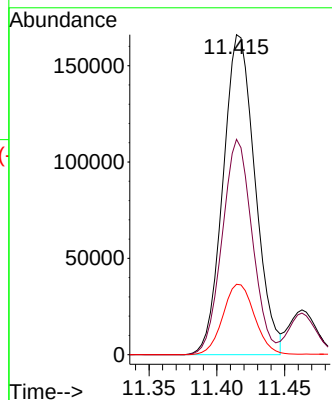
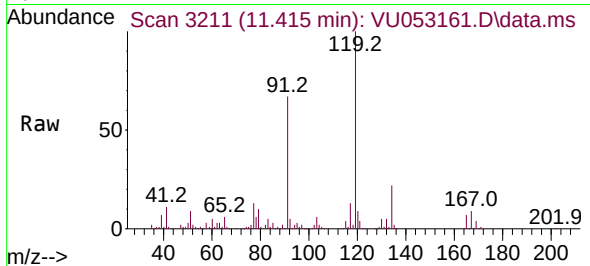




#77
tert-Butylbenzene
Concen: 10.734 ug/l
RT: 11.415 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

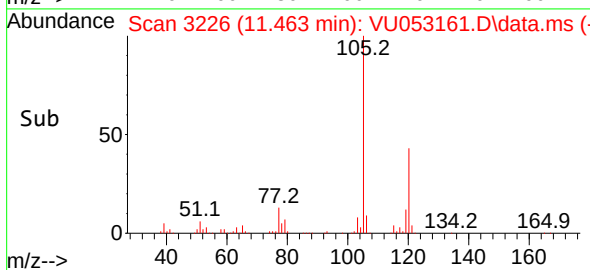
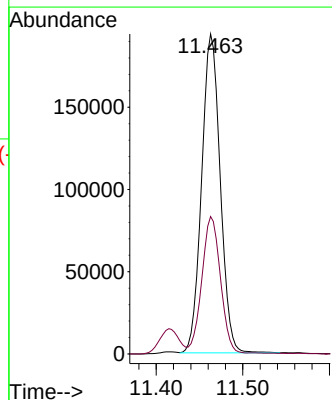
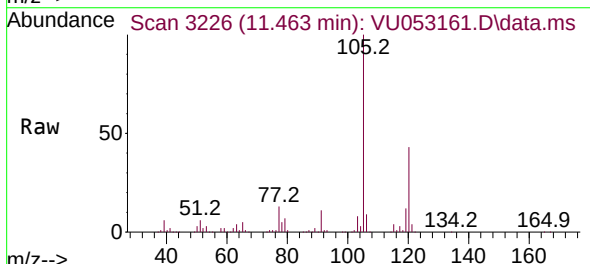
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

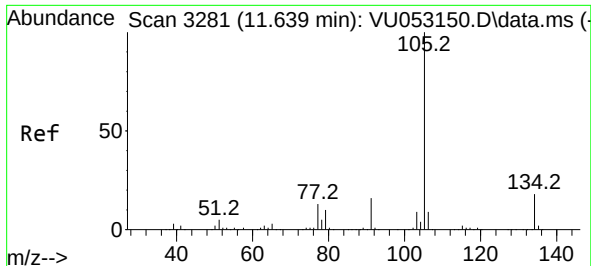
Tgt Ion:119 Resp: 272672
Ion Ratio Lower Upper
119 100
91 63.4 31.9 95.7
134 21.8 17.4 26.0



#78
1,2,4-Trimethylbenzene
Concen: 10.923 ug/l
RT: 11.463 min Scan# 3226
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion:105 Resp: 288588
Ion Ratio Lower Upper
105 100
120 42.9 21.1 63.1

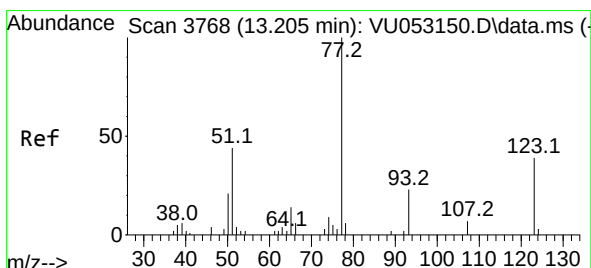
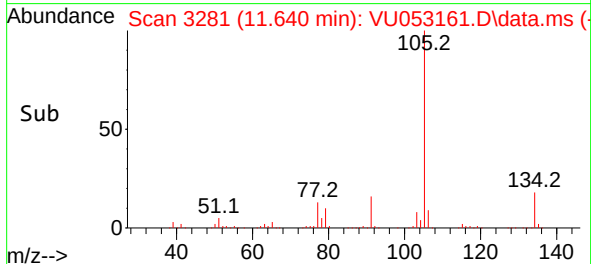
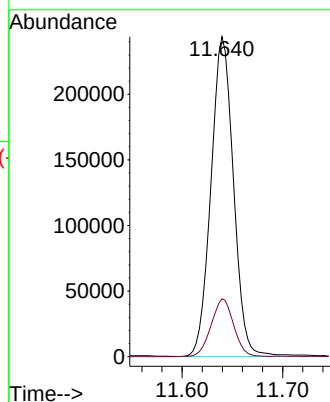
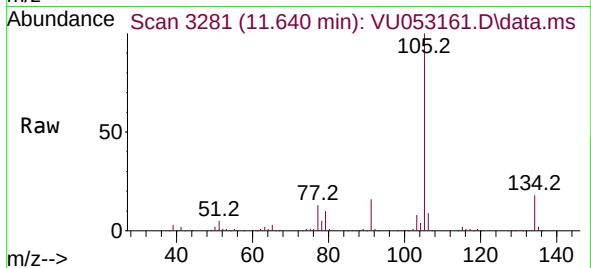




#79
 sec-Butylbenzene
 Concen: 10.735 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU053161.D
 Acq: 27 Feb 2023 19:55

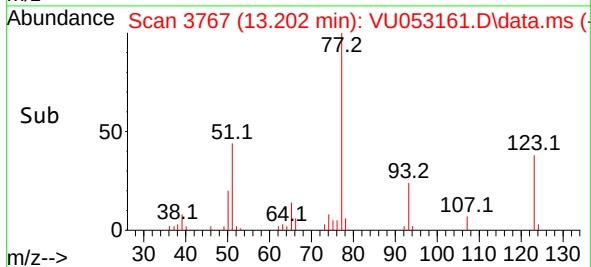
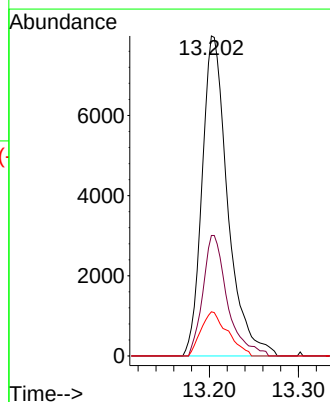
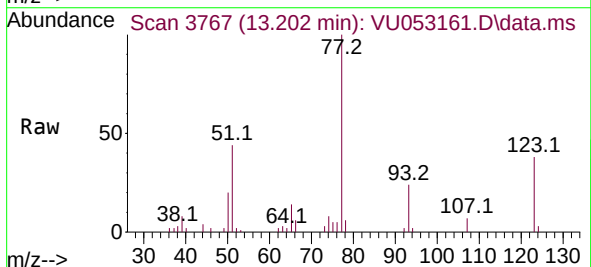
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

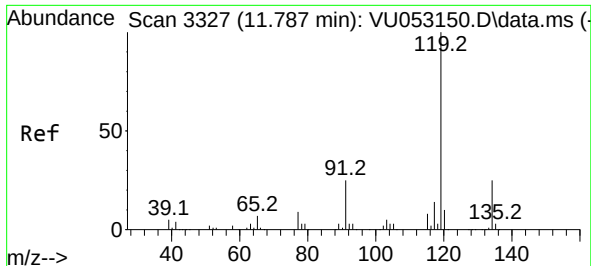
Tgt Ion:105 Resp: 378396
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.4 21.6



#80
 Nitrobenzene
 Concen: 48.616 ug/l
 RT: 13.202 min Scan# 3767
 Delta R.T. -0.003 min
 Lab File: VU053161.D
 Acq: 27 Feb 2023 19:55

Tgt Ion: 77 Resp: 15930
 Ion Ratio Lower Upper
 77 100
 123 35.9 17.0 60.2
 65 14.4 12.9 16.5

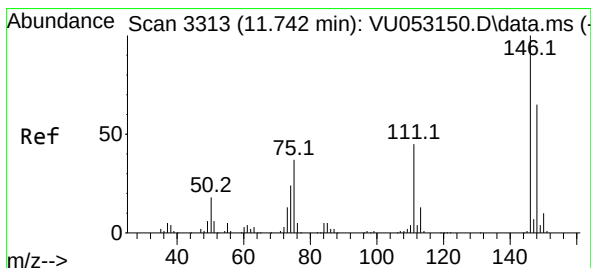
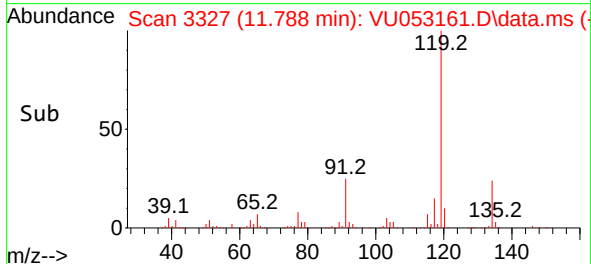
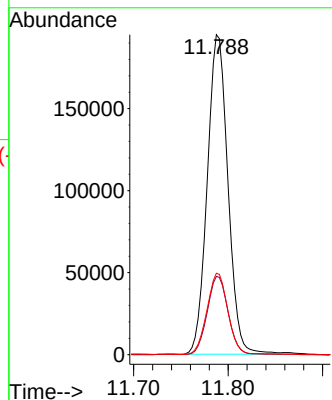
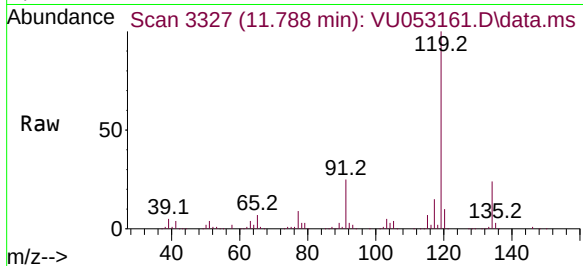




#81
p-Isopropyltoluene
Concen: 10.599 ug/l
RT: 11.788 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

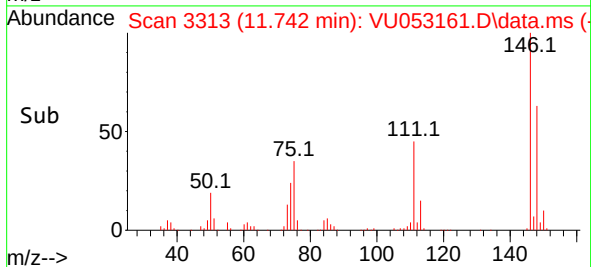
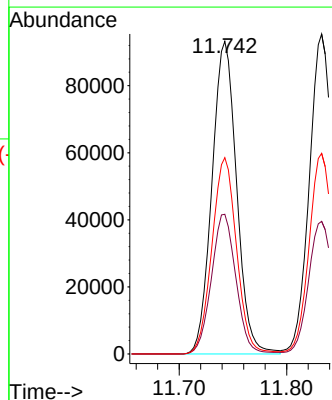
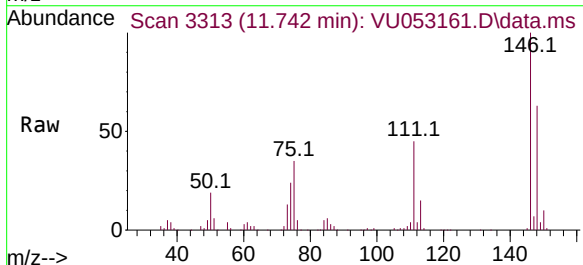
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

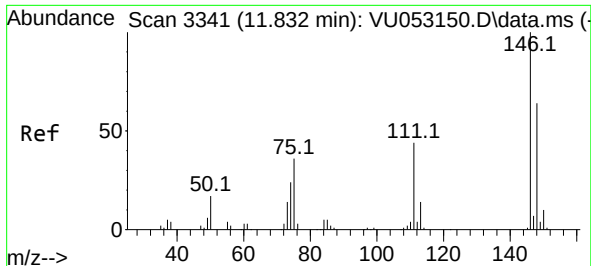
Tgt Ion:119 Resp: 295967
Ion Ratio Lower Upper
119 100
134 24.6 19.8 29.6
91 25.6 20.5 30.7



#82
1,3-Dichlorobenzene
Concen: 11.203 ug/l
RT: 11.742 min Scan# 3313
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion:146 Resp: 148687
Ion Ratio Lower Upper
146 100
111 44.5 36.0 54.0
148 62.7 50.8 76.2





#83

1,4-Dichlorobenzene

Concen: 10.897 ug/l

RT: 11.833 min Scan# 3341

Delta R.T. 0.000 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

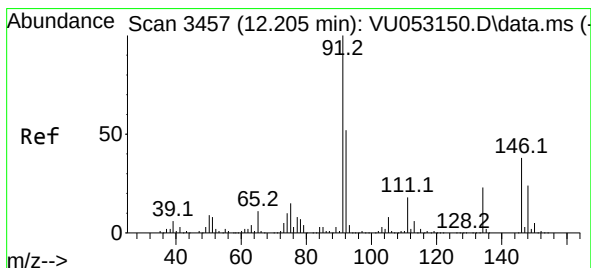
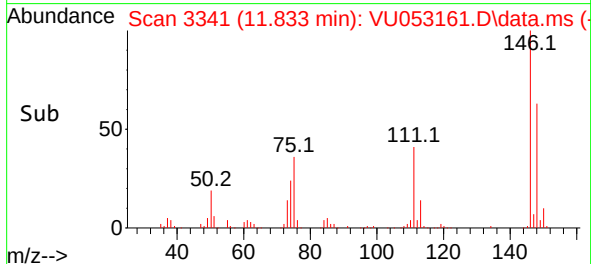
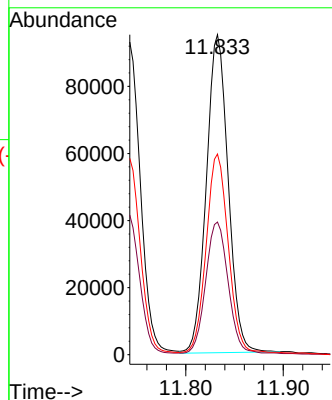
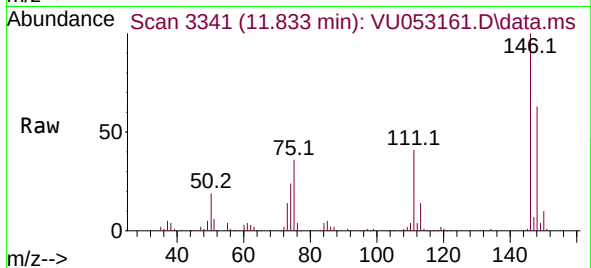
Tgt Ion:146 Resp: 147650

Ion Ratio Lower Upper

146 100

111 43.7 34.0 51.0

148 63.8 49.8 74.6



#84

n-Butylbenzene

Concen: 10.817 ug/l

RT: 12.205 min Scan# 3457

Delta R.T. 0.000 min

Lab File: VU053161.D

Acq: 27 Feb 2023 19:55

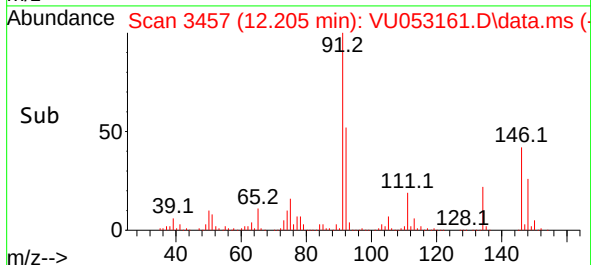
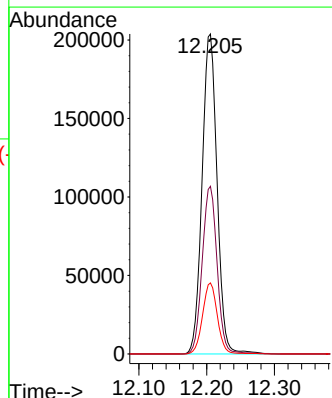
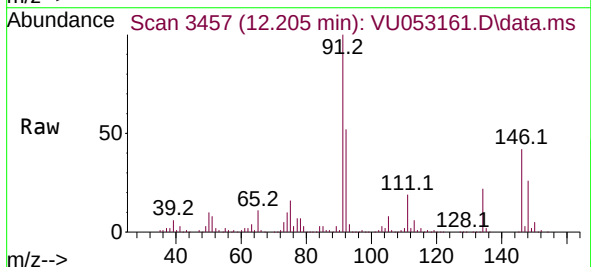
Tgt Ion: 91 Resp: 312944

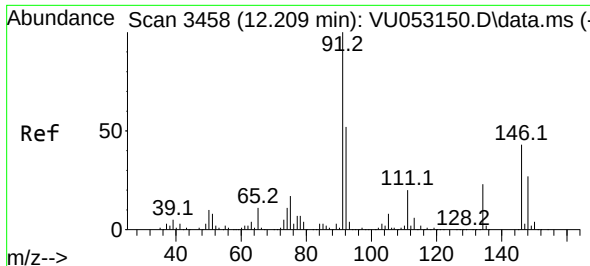
Ion Ratio Lower Upper

91 100

92 52.1 41.8 62.6

134 22.0 17.9 26.9

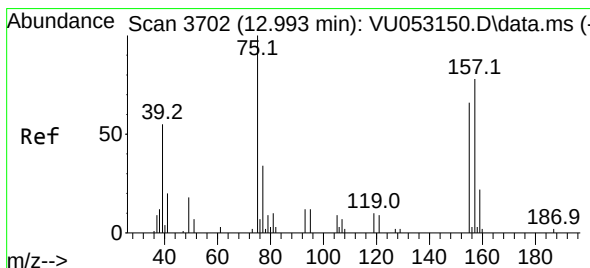
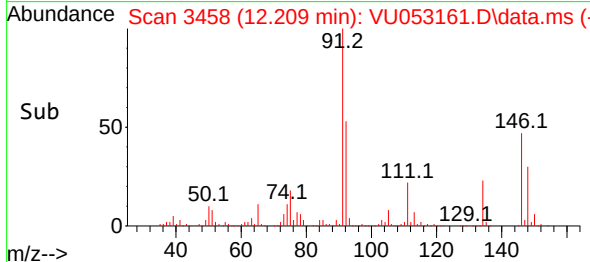
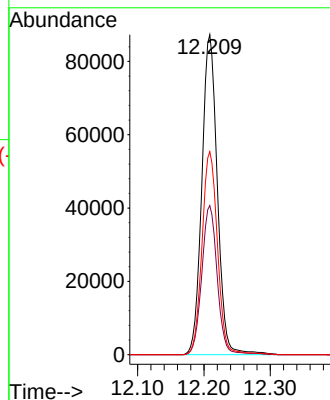
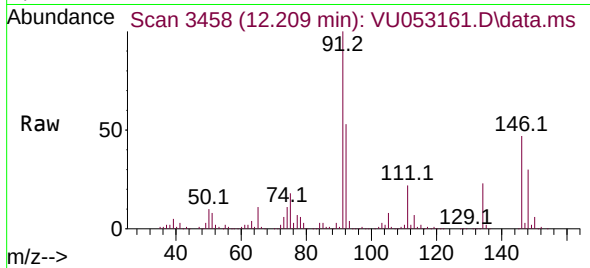




#85
 1,2-Dichlorobenzene
 Concen: 11.220 ug/l
 RT: 12.209 min Scan# 3458
 Delta R.T. 0.000 min
 Lab File: VU053161.D
 Acq: 27 Feb 2023 19:55

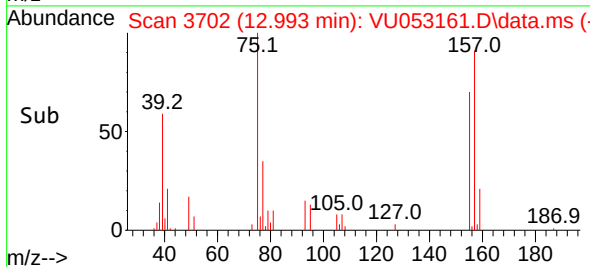
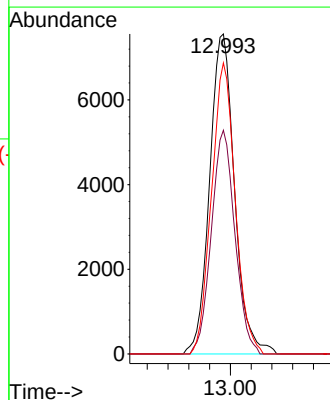
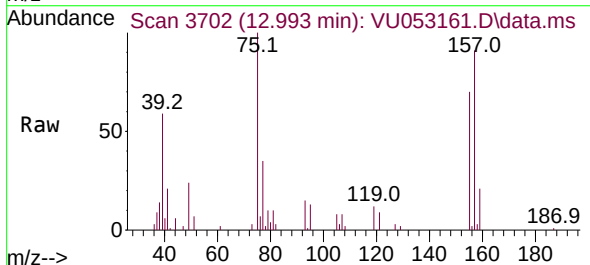
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

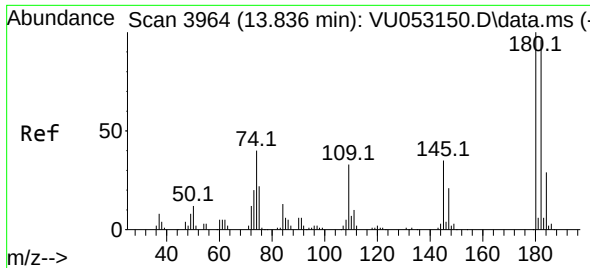
Tgt Ion:146 Resp: 141976
 Ion Ratio Lower Upper
 146 100
 111 46.5 23.2 69.6
 148 63.3 31.4 94.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.506 ug/l
 RT: 12.993 min Scan# 3702
 Delta R.T. 0.000 min
 Lab File: VU053161.D
 Acq: 27 Feb 2023 19:55

Tgt Ion: 75 Resp: 12547
 Ion Ratio Lower Upper
 75 100
 155 66.2 53.4 80.0
 157 86.6 61.7 92.5

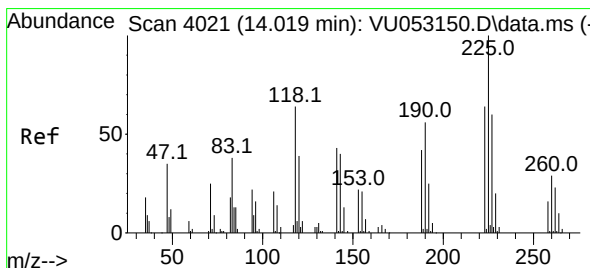
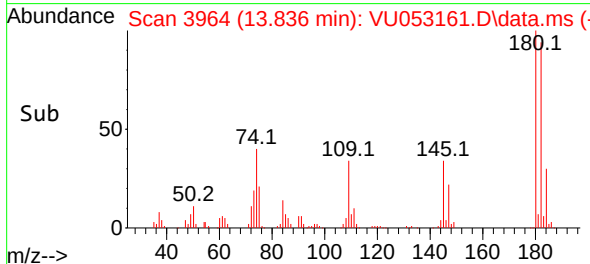
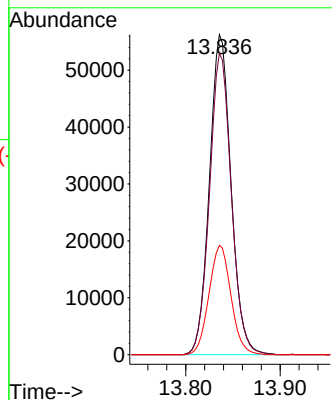
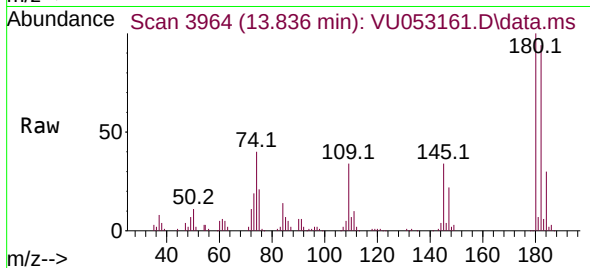




#87
1,2,4-Trichlorobenzene
Concen: 11.503 ug/l
RT: 13.836 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

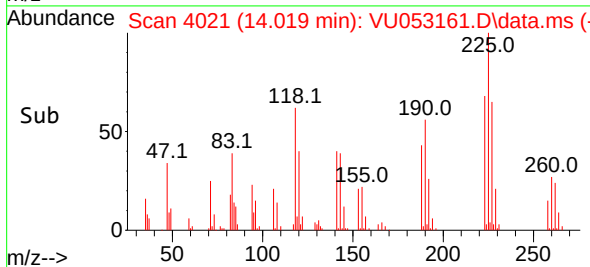
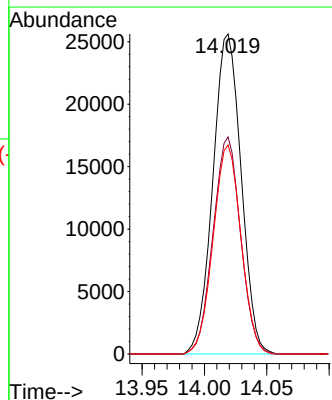
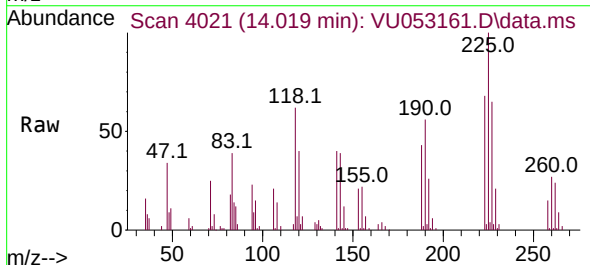
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

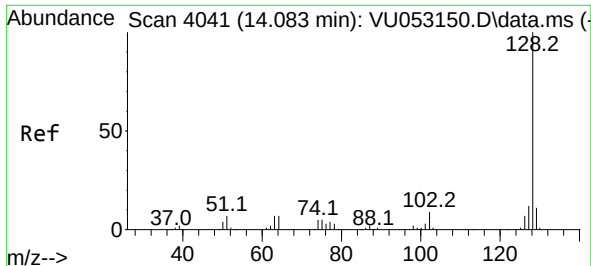
Tgt Ion:180 Resp: 89328
Ion Ratio Lower Upper
180 100
182 94.9 77.4 116.0
145 34.8 28.3 42.5



#88
Hexachlorobutadiene
Concen: 10.663 ug/l
RT: 14.019 min Scan# 4021
Delta R.T. -0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion:225 Resp: 40446
Ion Ratio Lower Upper
225 100
223 66.1 51.1 76.7
227 64.3 49.9 74.9

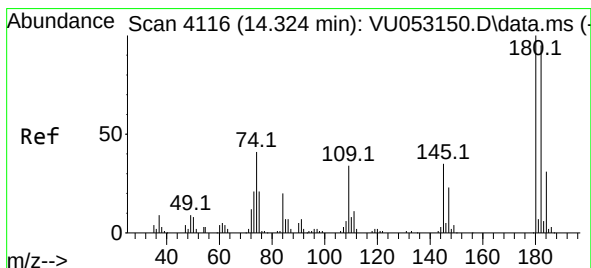
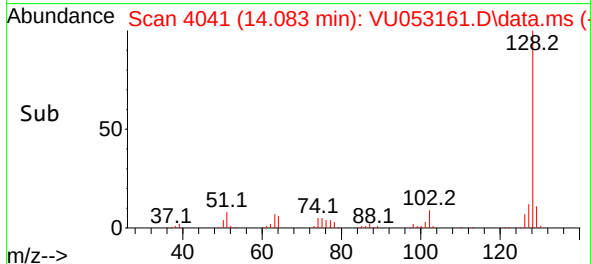
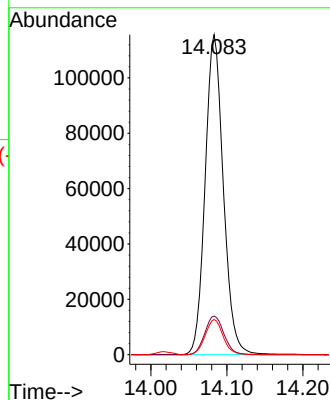
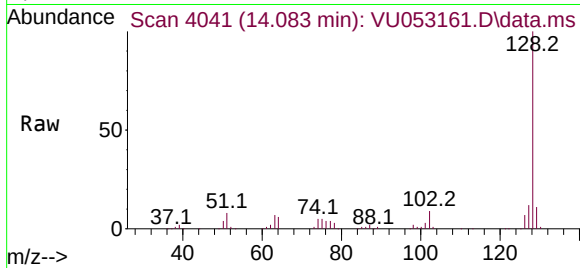




#89
Naphthalene
Concen: 11.640 ug/l
RT: 14.083 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128	Resp: 192317
Ion Ratio	Lower Upper
128 100	
127 12.7	9.9 14.9
129 10.8	8.3 12.5



#90
1,2,3-Trichlorobenzene
Concen: 11.376 ug/l
RT: 14.328 min Scan# 4117
Delta R.T. 0.003 min
Lab File: VU053161.D
Acq: 27 Feb 2023 19:55

Tgt Ion:180	Resp: 77738
Ion Ratio	Lower Upper
180 100	
182 95.0	76.6 115.0
145 37.7	29.0 43.6

