

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
 Data File : VU050354.D
 Acq On : 17 Aug 2022 11:41
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Quant Time: Aug 17 12:02:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Aug 17 11:51:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	45109	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	16110	0.975	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	17893	1.176	ug/l	0.00
Spiked Amount 1.000			Recovery	=	118.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	260924	15.104	ug/l	100
3) Chloromethane	1.520	50	283802	16.061	ug/l	98
4) Vinyl Chloride	1.604	62	279064	17.322	ug/l	99
5) Bromomethane	1.855	94	115441	13.740	ug/l	98
6) Chloroethane	1.932	64	163743	18.149	ug/l	99
7) Trichlorofluoromethane	2.138	101	327597	16.967	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	179827	17.724	ug/l	96
9) 1,1-Dichloroethene	2.581	96	183481	17.939	ug/l	98
10) Iodomethane	2.723	142	201835	15.557	ug/l	98
11) Allyl Chloride	2.922	41	285418	16.364	ug/l	95
12) Acrylonitrile	3.321	53	111687	40.843	ug/l	93
13) Acetone	2.633	43	188717	87.462	ug/l	94
14) Carbon Disulfide	2.790	76	596287	17.707	ug/l	99
15) Methylene Chloride	3.044	84	215703	16.841	ug/l	94
16) trans-1,2-Dichloroethene	3.350	96	193823	18.045	ug/l	98
17) 1,1-Dichloroethane	3.867	63	385548	17.359	ug/l	99
18) 2-Butanone	4.726	43	329145	89.495	ug/l	99
19) Cyclohexane	5.379	56	274764m	12.944	ug/l	
20) Methylcyclohexane	6.758	83	294776	14.088	ug/l	99
21) 2,2-Dichloropropane	4.658	77	300609	16.540	ug/l	99
22) cis-1,2-Dichloroethene	4.662	96	218752	16.514	ug/l	98
23) Diethyl Ether	2.379	59	160444	18.414	ug/l	# 86
24) tert-Butyl Alcohol	3.215	59	215536	216.821	ug/l	99
25) Methyl tert-Butyl Ether	3.369	73	503966	17.621	ug/l	95
26) Bromochloromethane	4.970	128	97282	17.444	ug/l	96
27) Chloroform	5.086	83	369958	16.927	ug/l	97
28) 1,1,1-Trichloroethane	5.308	97	303659	15.754	ug/l	100
29) 1,1-Dichloropropene	5.520	75	264537	15.368	ug/l	99
30) Carbon Tetrachloride	5.517	117	249892	15.397	ug/l	96
31) Isopropyl Ether	4.002	45	606349	15.919	ug/l	98
32) Ethyl-t-butyl ether	4.514	59	529486	14.686	ug/l	99
33) Tert-Amyl methyl ether	5.954	73	391568	12.492	ug/l	99
34) Propionitrile	4.797	54	107122	101.578	ug/l	98
35) Benzene	5.771	78	807591	16.465	ug/l	98
36) 1,2-Dichloroethane	5.797	62	237950	17.061	ug/l	99
37) Trichloroethene	6.539	130	196075	15.817	ug/l	98
38) 1,2-Dichloropropane	6.793	63	222305	17.119	ug/l	98
39) Methacrylonitrile	4.983	41	69821	15.453	ug/l	94
40) Methyl acrylate	4.858	55	135594	19.162	ug/l	99
41) Tetrahydrofuran	5.076	42	73203	27.406	ug/l	96
42) 1-Chlorobutane	5.453	56	361722	14.985	ug/l	96
43) Dibromomethane	6.919	93	117227	18.118	ug/l	97
44) Bromodichloromethane	7.108	83	277527	17.895	ug/l	97

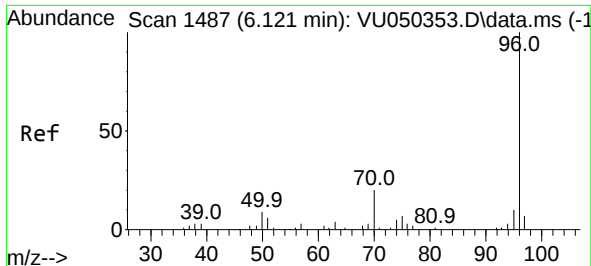
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.803	43	715665	81.497	ug/l	98
46) t-1,4-Dichloro-2-butene	10.835	75	92469m	32.357	ug/l	
47) Methyl methacrylate	6.970	69	228956	35.093	ug/l	92
48) Ethyl methacrylate	8.340	69	209203	15.983	ug/l	91
49) Toluene	7.967	92	503362	16.805	ug/l	98
50) t-1,3-Dichloropropene	8.211	75	253500	16.924	ug/l	100
51) cis-1,3-Dichloropropene	7.610	75	288278	16.239	ug/l	94
52) 1,1,2-Trichloroethane	8.401	97	168032	18.818	ug/l	99
53) 1,3-Dichloropropane	8.578	76	284649	17.760	ug/l	99
54) 2-Hexanone	8.694	43	501936	82.301	ug/l	97
55) Dibromochloromethane	8.809	129	189768	18.605	ug/l	100
56) 1,2-Dibromoethane	8.925	107	158954	18.383	ug/l	99
58) Tetrachloroethene	8.552	164	181918	17.649	ug/l	99
59) Chlorobenzene	9.446	112	521488	16.642	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.533	131	195234	17.517	ug/l	98
61) Pentachloroethane	11.427	117	161518	18.874	ug/l	98
62) Hexachloroethane	12.475	117	140729	16.418	ug/l	100
63) Ethyl Benzene	9.568	91	949748	16.840	ug/l	99
64) m/p-Xylenes	9.694	106	744027	35.662	ug/l	98
65) o-Xylene	10.099	106	345832	16.866	ug/l	99
66) Styrene	10.115	104	611536	18.563	ug/l	98
67) Bromoform	10.292	173	111518	19.160	ug/l	100
69) Isopropylbenzene	10.485	105	915833	16.722	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.784	83	237618	20.483	ug/l	100
71) 1,2,3-Trichloropropane	10.825	75	188895m	19.668	ug/l	
72) Bromobenzene	10.780	156	223703	18.126	ug/l	98
73) n-propylbenzene	10.906	120	249091	18.023	ug/l	100
74) 2-Chlorotoluene	10.986	126	225627	18.309	ug/l	97
75) 1,3,5-Trimethylbenzene	11.086	105	812337	17.743	ug/l	100
76) 4-Chlorotoluene	11.095	126	227272	18.389	ug/l	90
77) tert-Butylbenzene	11.420	119	764849	16.966	ug/l	97
78) 1,2,4-Trimethylbenzene	11.465	105	824260	17.933	ug/l	96
79) sec-Butylbenzene	11.642	105	1051523	17.783	ug/l	99
80) Nitrobenzene	13.208	77	72711	153.212	ug/l	96
81) p-Isopropyltoluene	11.793	119	870623	18.150	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	457346	19.157	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	462632	19.203	ug/l	98
84) n-Butylbenzene	12.208	91	830065	18.581	ug/l	98
85) 1,2-Dichlorobenzene	12.211	146	453105	19.591	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.996	75	40085	19.814	ug/l	99
87) 1,2,4-Trichlorobenzene	13.841	180	299692	19.208	ug/l	98
88) Hexachlorobutadiene	14.021	225	158257	19.901	ug/l	99
89) Naphthalene	14.086	128	695797	21.268	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	308597	20.712	ug/l	99

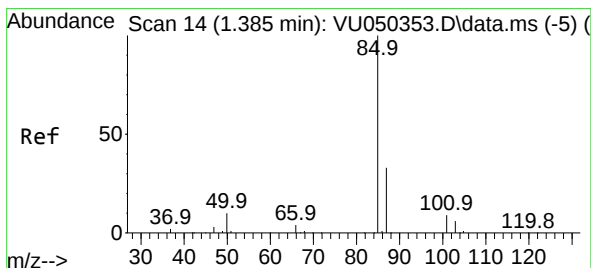
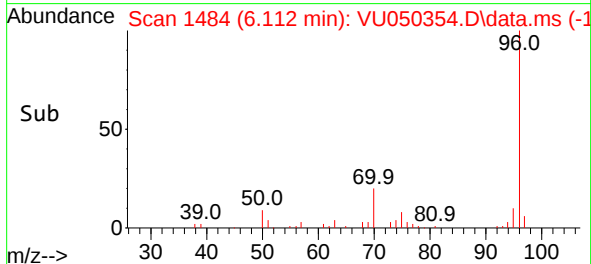
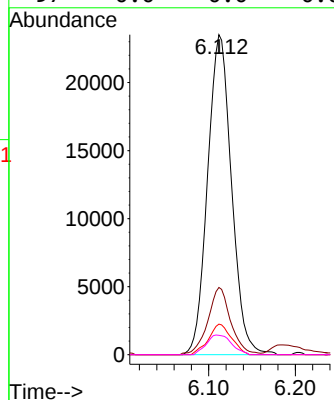
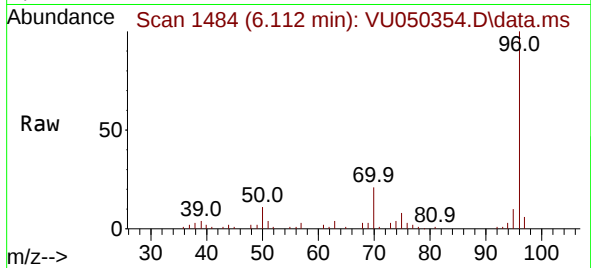
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.009 min
Lab File: VU050354.D
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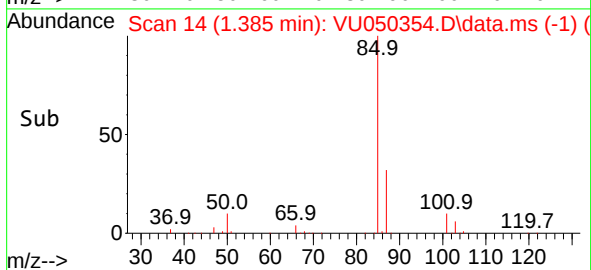
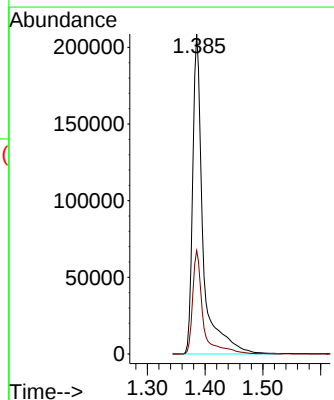
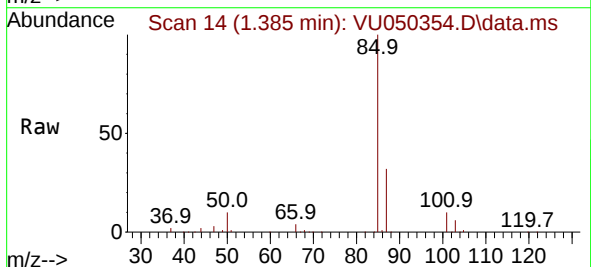
Instrument :
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VSTDIC015

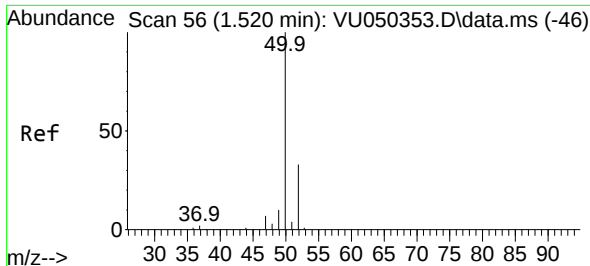
Tgt Ion:	96	Resp:	45109
Ion	Ratio	Lower	Upper
96	100		
70	19.4	16.7	25.1
95	9.1	7.4	11.0
97	0.0	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 15.104 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Tgt Ion:	85	Resp:	260924
Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.3	48.8

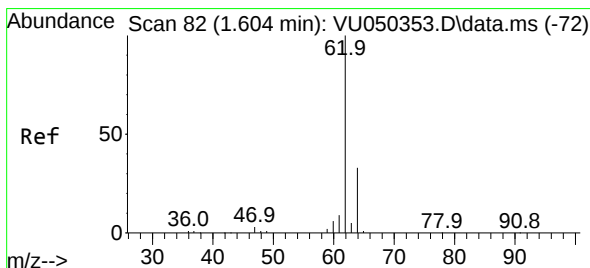
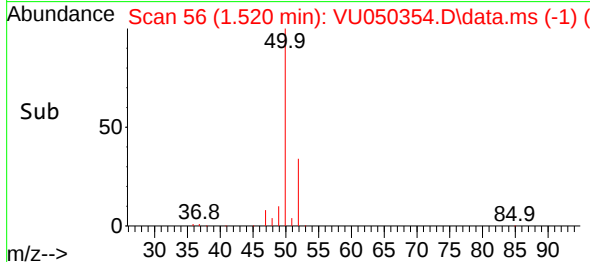
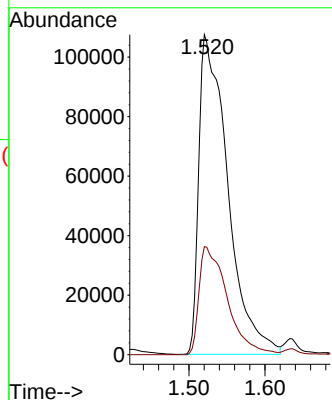
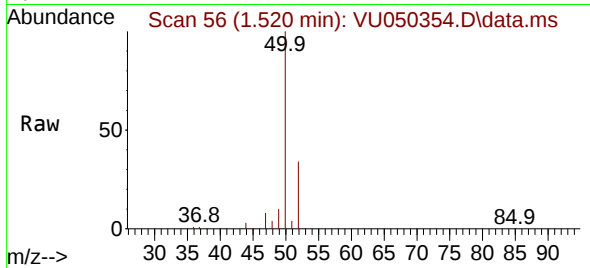




#3
Chloromethane
Concen: 16.061 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

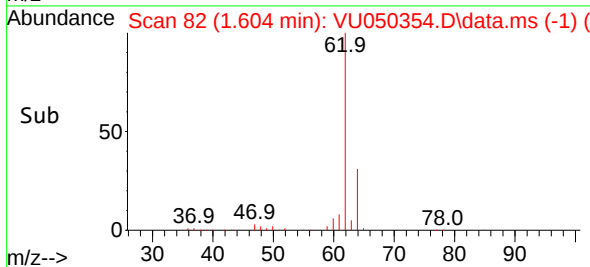
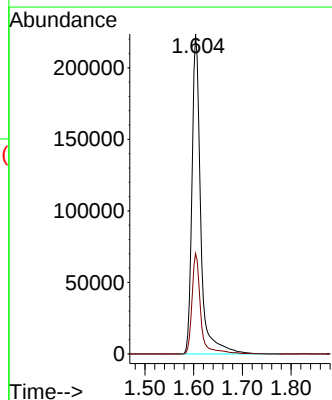
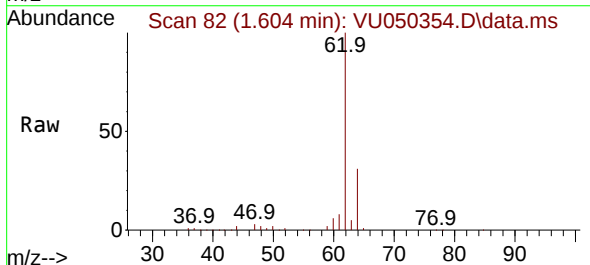
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

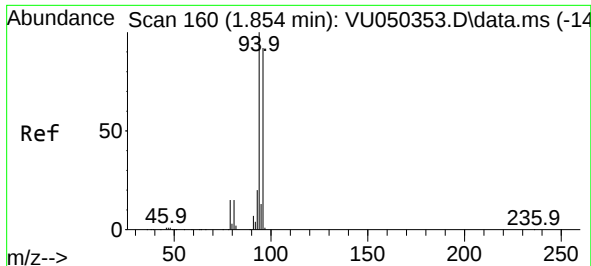
Tgt Ion: 50 Resp: 283802
Ion Ratio Lower Upper
50 100
52 33.8 26.1 39.1



#4
Vinyl Chloride
Concen: 17.322 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Tgt Ion: 62 Resp: 279064
Ion Ratio Lower Upper
62 100
64 31.4 25.5 38.3

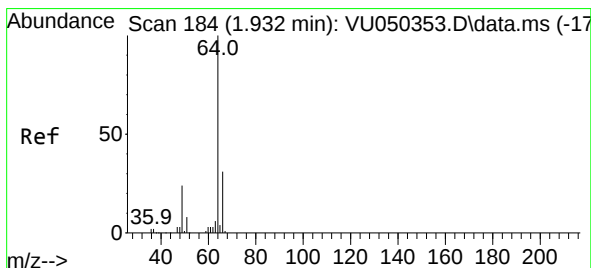
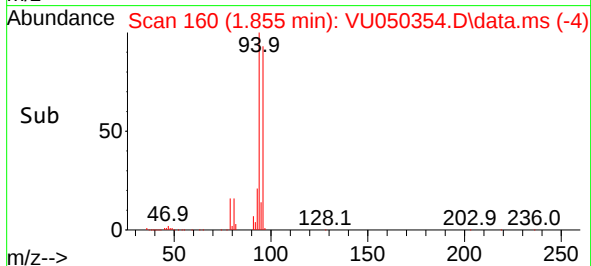
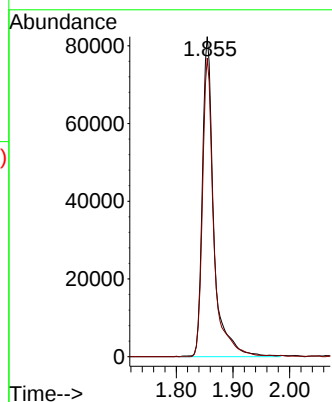
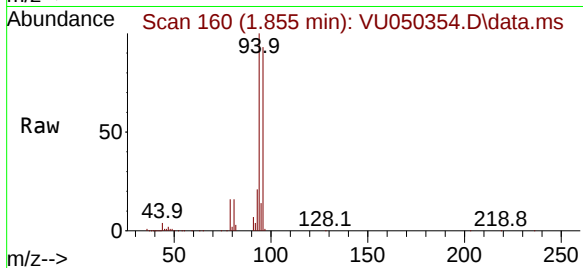




#5
Bromomethane
Concen: 13.740 ug/l
RT: 1.855 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

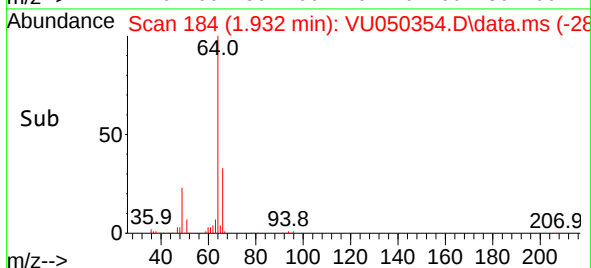
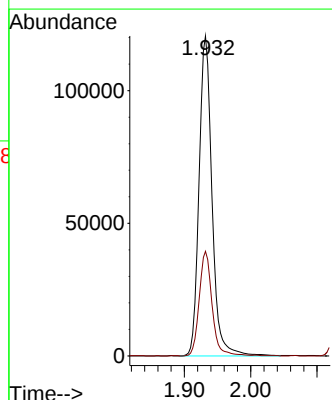
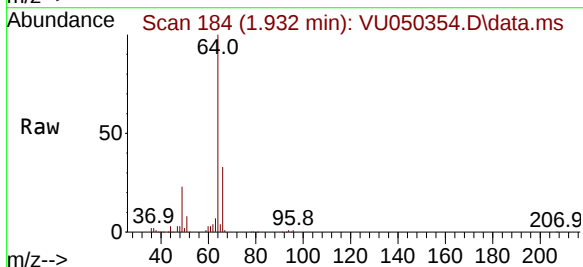
Instrument :
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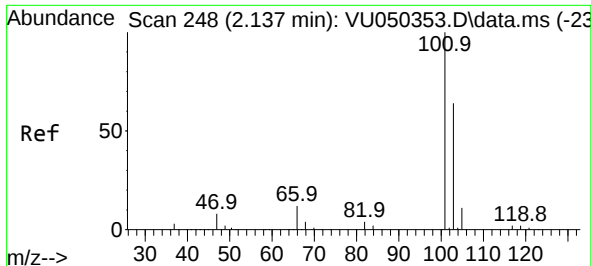
Tgt Ion: 94 Resp: 115441
Ion Ratio Lower Upper
94 100
96 93.3 73.0 109.6



#6
Chloroethane
Concen: 18.149 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Tgt Ion: 64 Resp: 163743
Ion Ratio Lower Upper
64 100
66 32.7 25.8 38.6

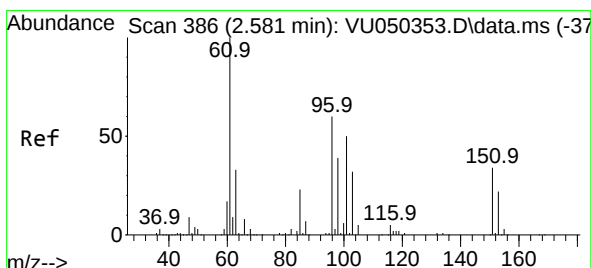
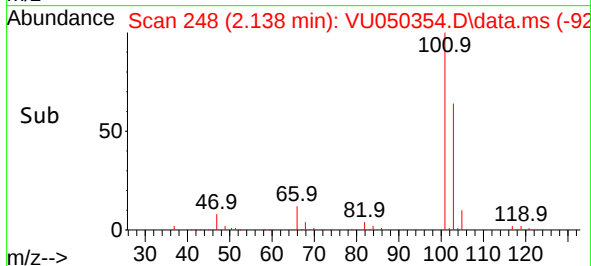
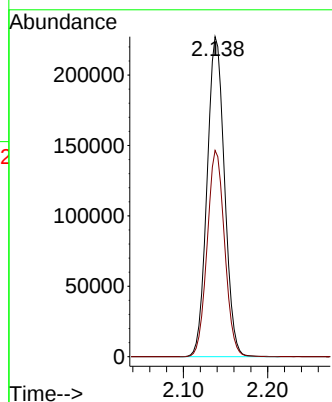
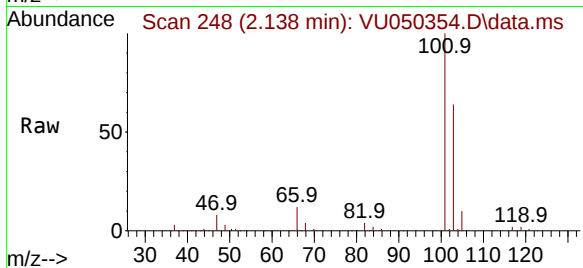




#7
 Trichlorofluoromethane
 Concen: 16.967 ug/l
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU050354.D
 Acq: 17 Aug 2022 11:41

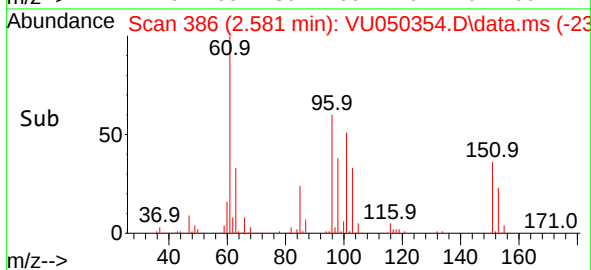
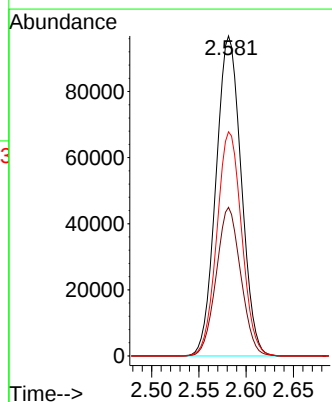
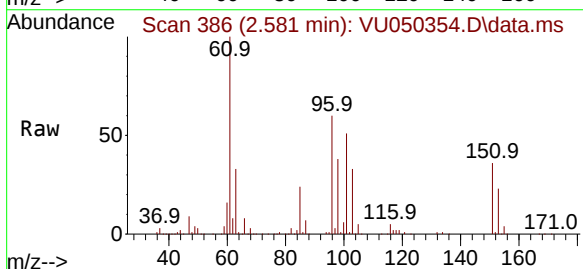
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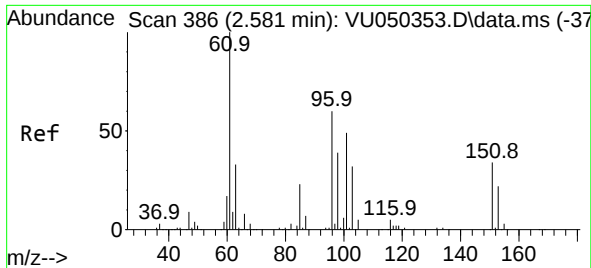
Tgt Ion:101 Resp: 327597
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.724 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU050354.D
 Acq: 17 Aug 2022 11:41

Tgt Ion:101 Resp: 179827
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.4 54.6
 151 69.0 59.1 88.7

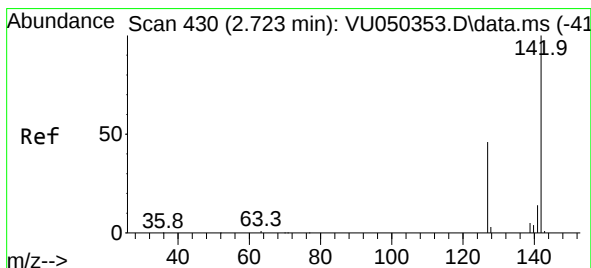
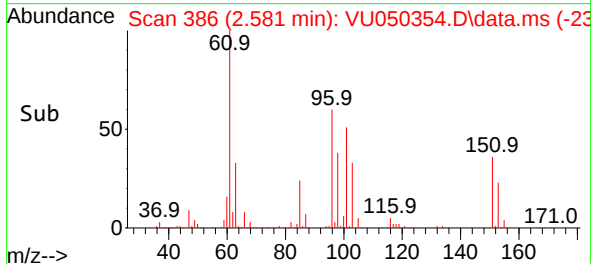
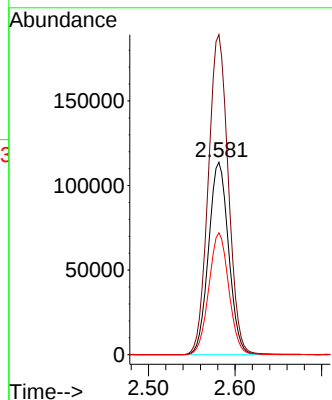
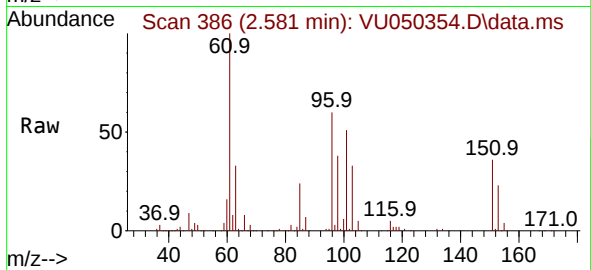




#9
1,1-Dichloroethene
Concen: 17.939 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

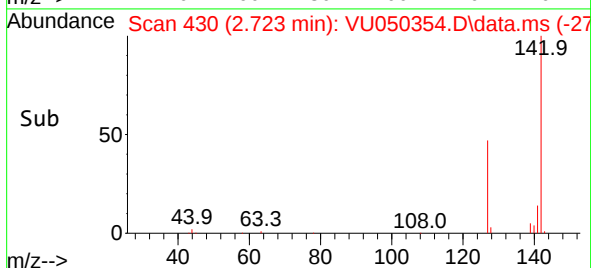
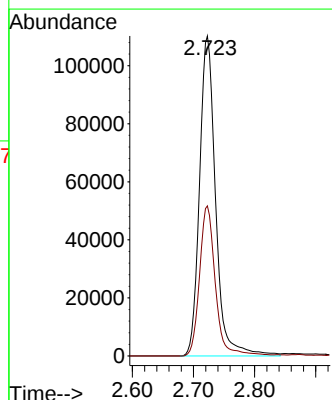
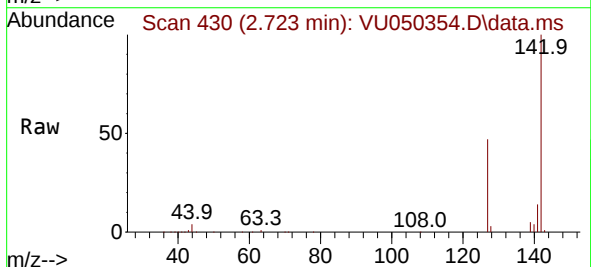
Instrument :
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VSTDIC015

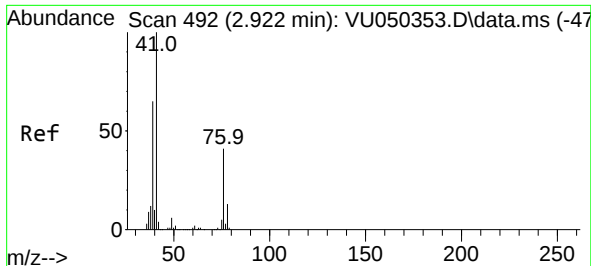
Tgt Ion: 96 Resp: 183481
Ion Ratio Lower Upper
96 100
61 166.4 0.0 510.6
98 63.4 0.0 124.6



#10
Iodomethane
Concen: 15.557 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.000 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Tgt Ion: 142 Resp: 201835
Ion Ratio Lower Upper
142 100
127 46.1 38.2 57.2





#11

Allyl Chloride

Concen: 16.364 ug/l

RT: 2.922 min Scan# 492

Delta R.T. 0.000 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

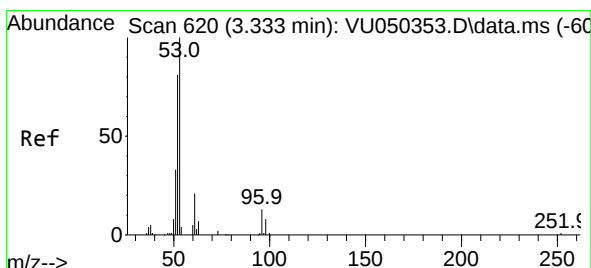
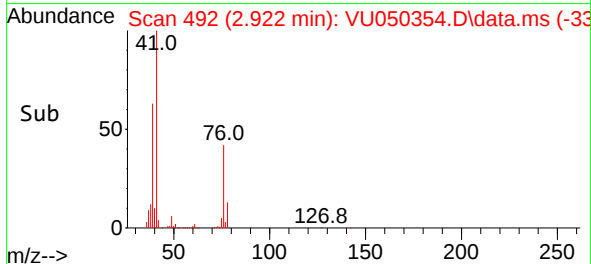
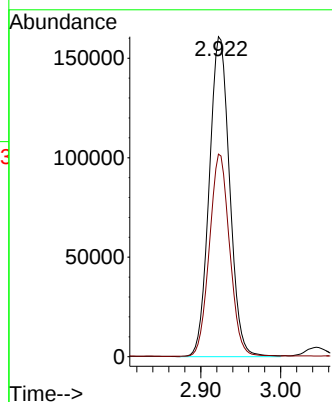
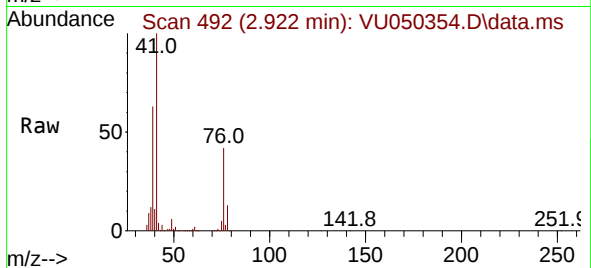
VSTDIC015

Tgt Ion: 41 Resp: 285418

Ion Ratio Lower Upper

41 100

39 62.4 53.2 79.8



#12

Acrylonitrile

Concen: 40.843 ug/l

RT: 3.321 min Scan# 616

Delta R.T. -0.013 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

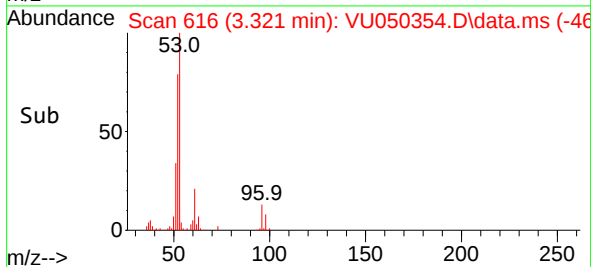
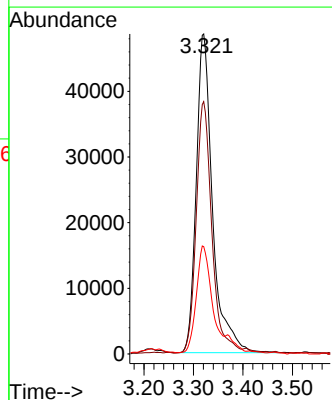
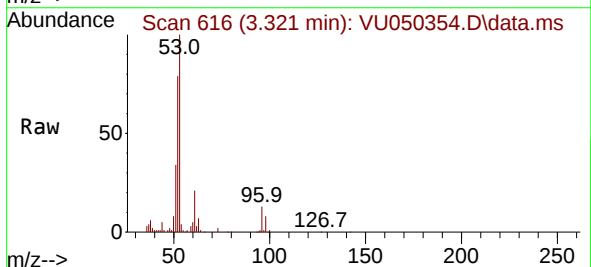
Tgt Ion: 53 Resp: 111687

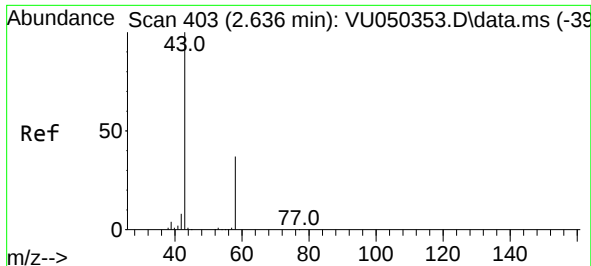
Ion Ratio Lower Upper

53 100

52 75.7 64.6 97.0

51 31.7 30.7 46.1





#13

Acetone

Concen: 87.462 ug/l

RT: 2.633 min Scan# 40

Delta R.T. -0.003 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

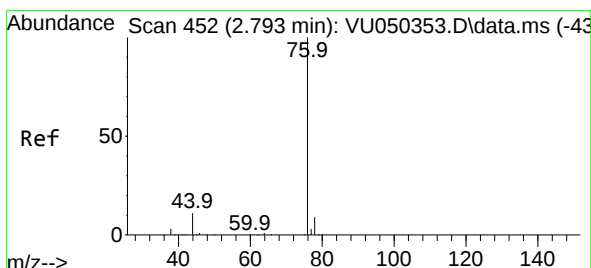
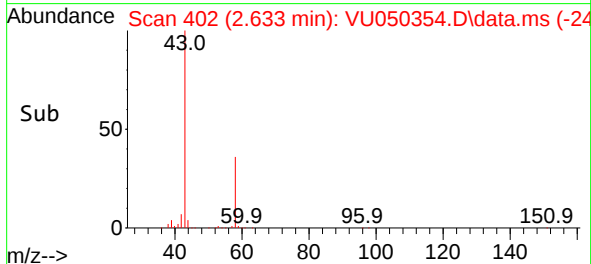
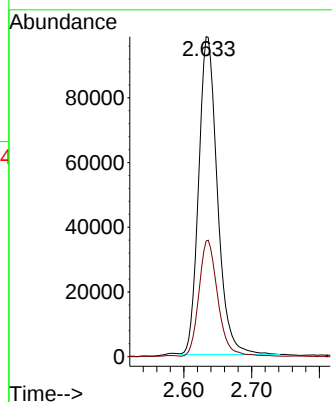
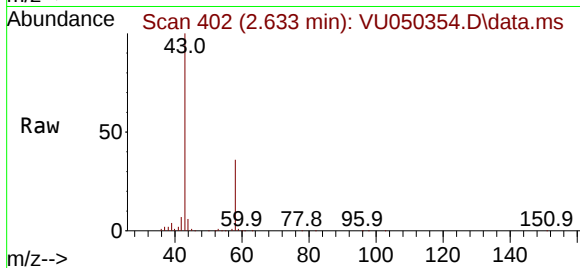
VSTDIC015

Tgt Ion: 43 Resp: 188717

Ion Ratio Lower Upper

43 100

58 36.2 26.2 39.2



#14

Carbon Disulfide

Concen: 17.707 ug/l

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU050354.D

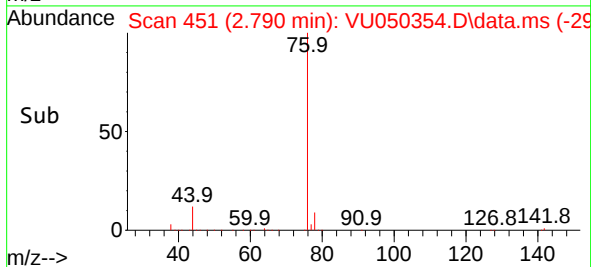
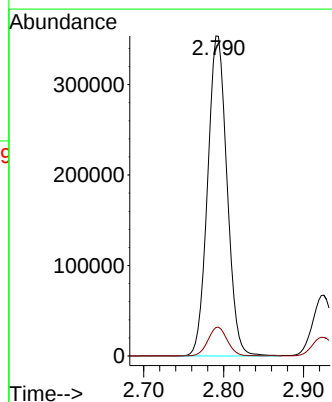
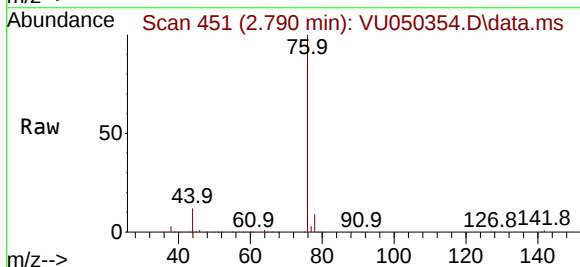
Acq: 17 Aug 2022 11:41

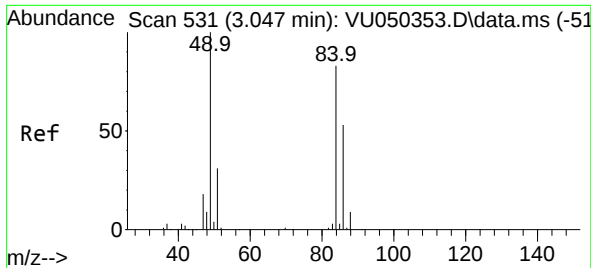
Tgt Ion: 76 Resp: 596287

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



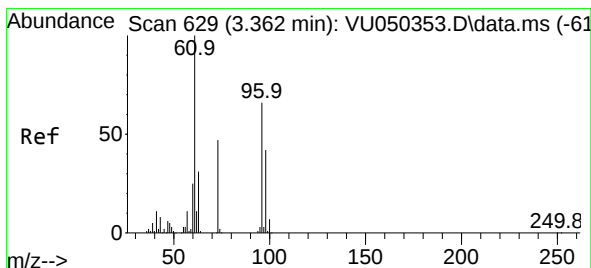
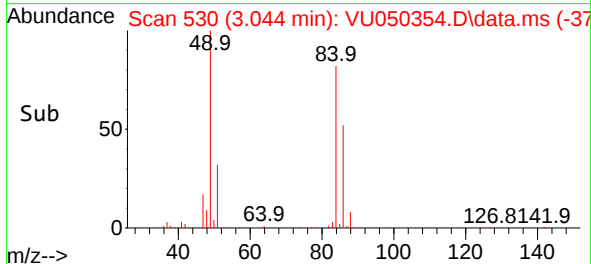
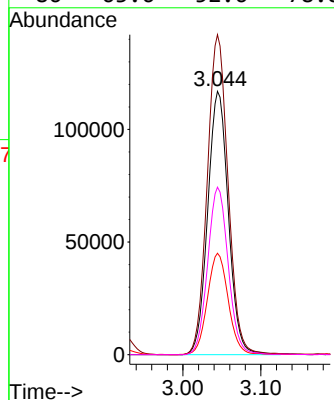
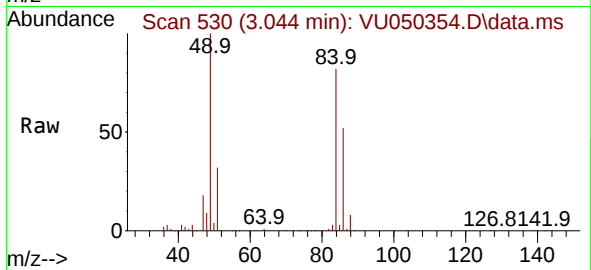


#15
Methylene Chloride
Concen: 16.841 ug/l
RT: 3.044 min Scan# 511
Delta R.T. -0.003 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 84 Resp: 215703

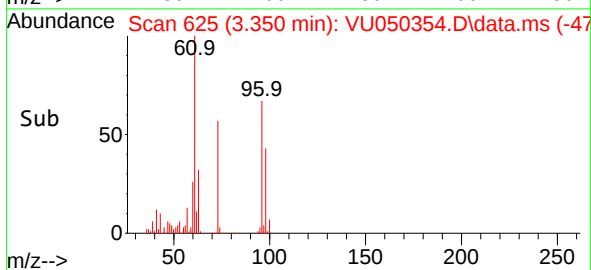
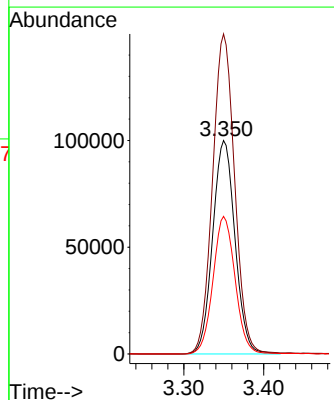
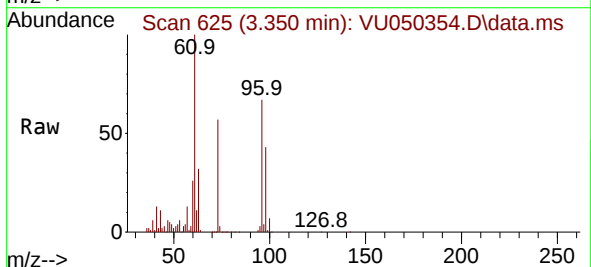
Ion	Ratio	Lower	Upper
84	100		
49	121.5	104.6	157.0
51	38.4	0.0	81.4
86	63.6	52.6	78.8

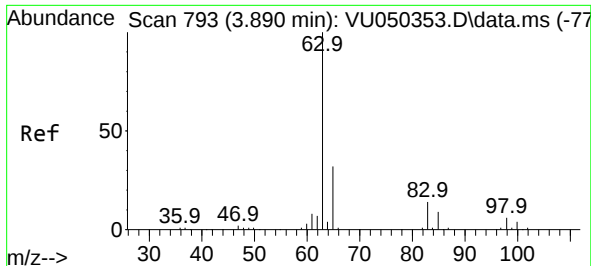


#16
trans-1,2-Dichloroethene
Concen: 18.045 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.013 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Tgt Ion: 96 Resp: 193823

Ion	Ratio	Lower	Upper
96	100		
61	150.0	123.4	185.0
98	64.5	51.6	77.4





#17

1,1-Dichloroethane

Concen: 17.359 ug/l

RT: 3.867 min Scan# 793

Delta R.T. -0.022 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

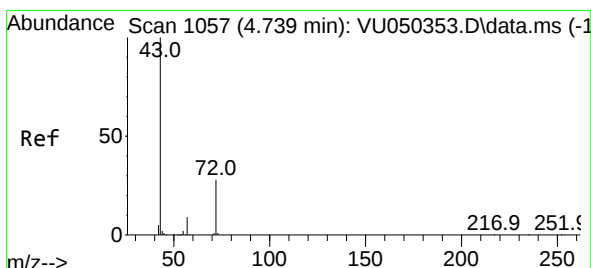
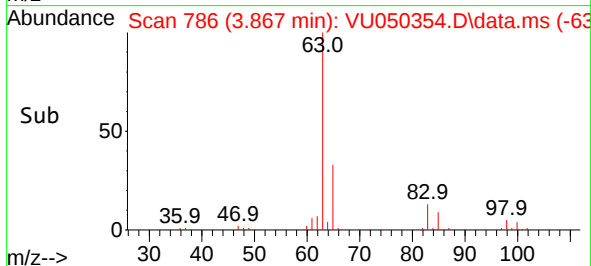
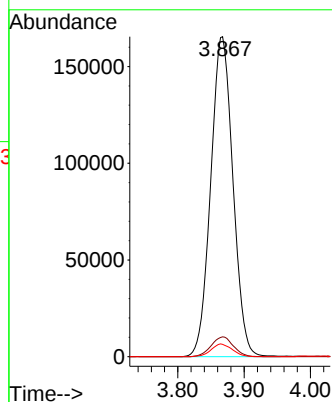
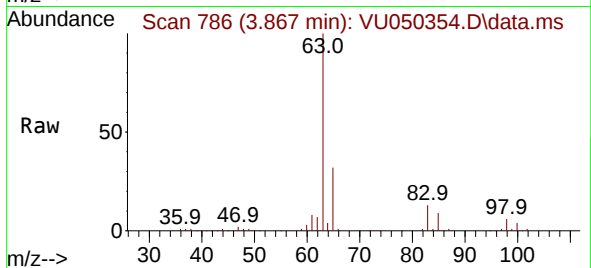
Tgt Ion: 63 Resp: 385548

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

100 3.9 2.0 6.0



#18

2-Butanone

Concen: 89.495 ug/l

RT: 4.726 min Scan# 1053

Delta R.T. -0.013 min

Lab File: VU050354.D

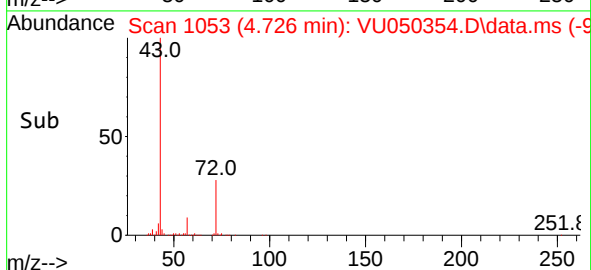
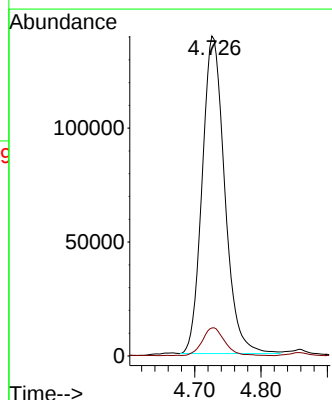
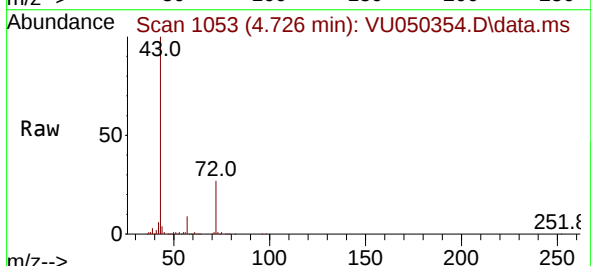
Acq: 17 Aug 2022 11:41

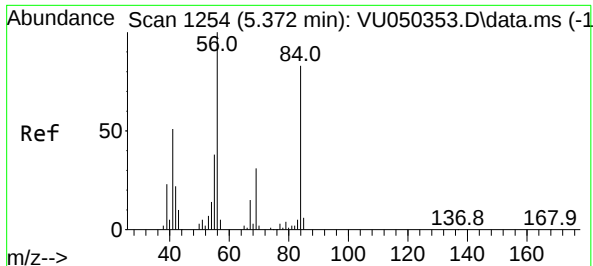
Tgt Ion: 43 Resp: 329145

Ion Ratio Lower Upper

43 100

57 8.6 0.0 18.0





#19

Cyclohexane

Concen: 12.944 ug/l m

RT: 5.379 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

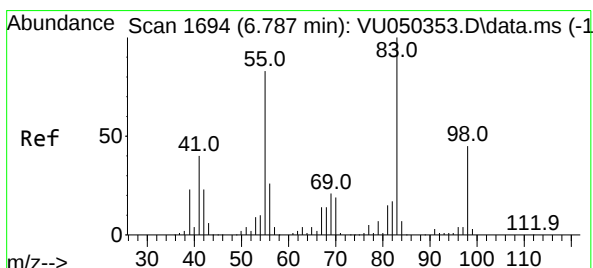
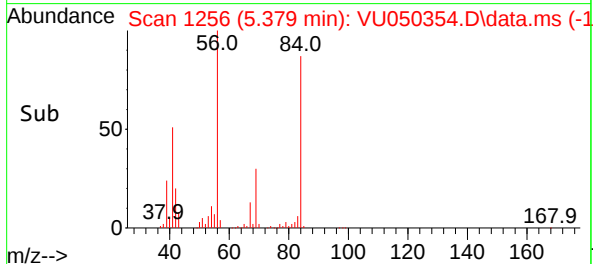
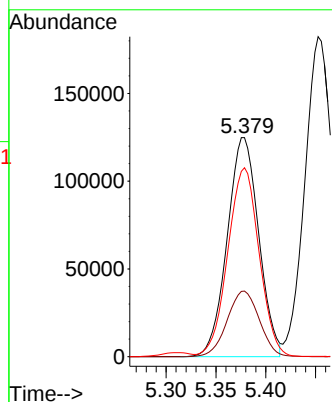
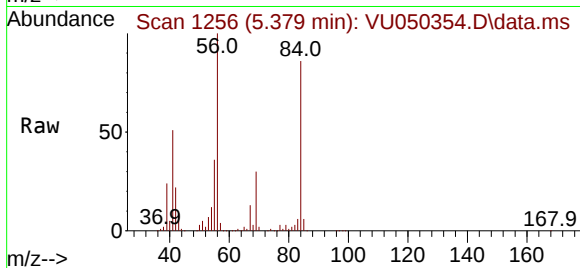
Tgt Ion: 56 Resp: 274764

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.4

84 84.2 63.4 95.2



#20

Methylcyclohexane

Concen: 14.088 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. -0.029 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

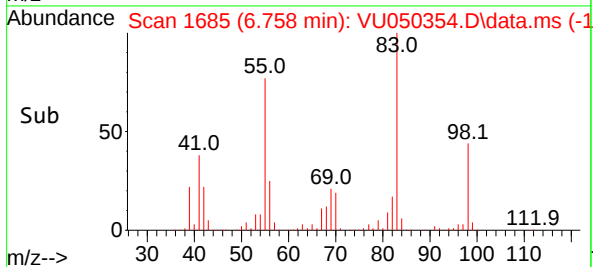
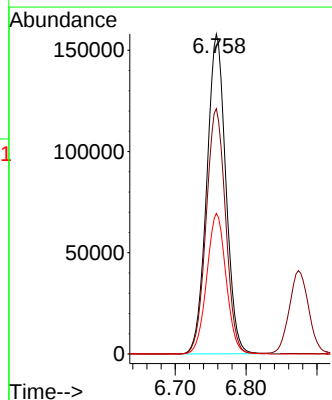
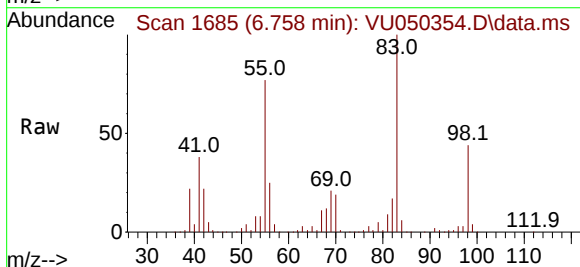
Tgt Ion: 83 Resp: 294776

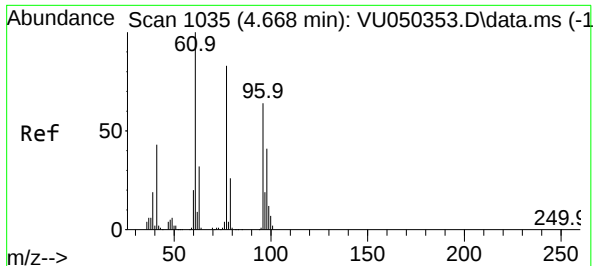
Ion Ratio Lower Upper

83 100

55 78.0 63.0 94.4

98 44.8 35.7 53.5





#21

2,2-Dichloropropane

Concen: 16.540 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.009 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

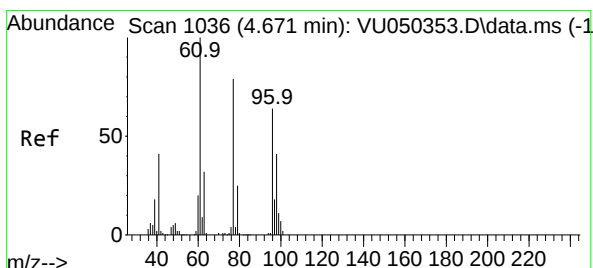
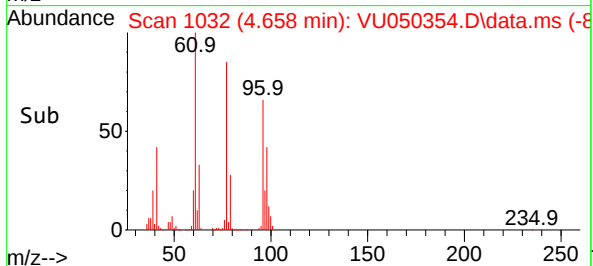
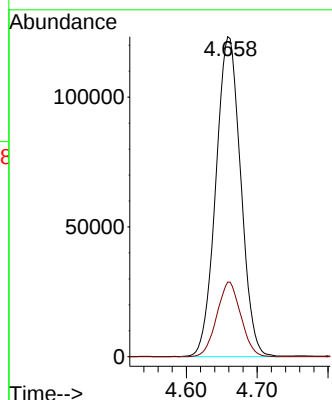
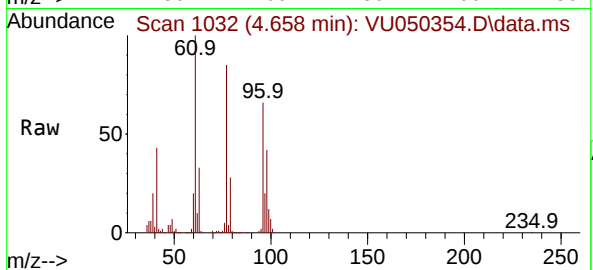
VSTDIC015

Tgt Ion: 77 Resp: 300609

Ion Ratio Lower Upper

77 100

97 22.5 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 16.514 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. -0.009 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

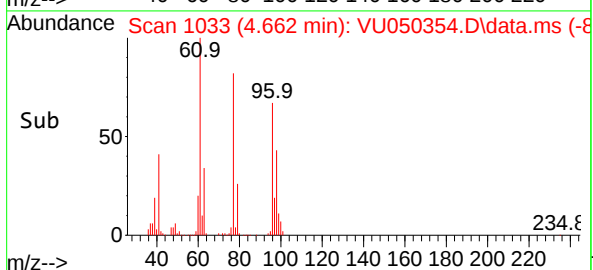
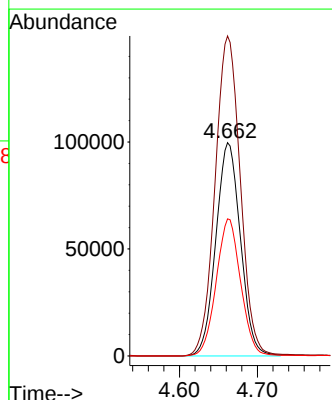
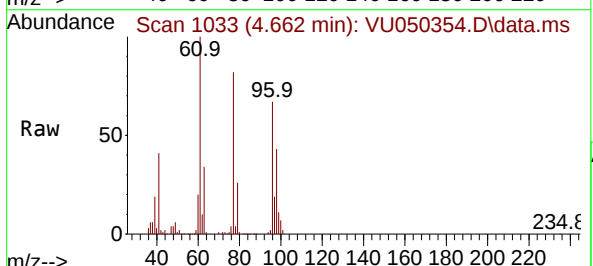
Tgt Ion: 96 Resp: 218752

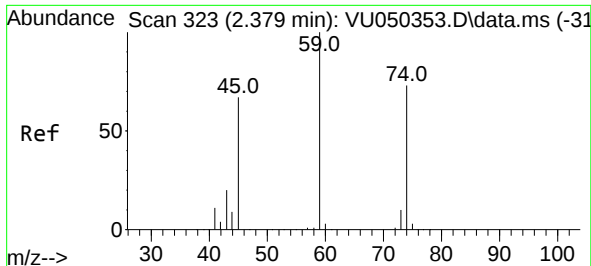
Ion Ratio Lower Upper

96 100

61 154.0 0.0 375.8

98 63.8 31.6 95.0

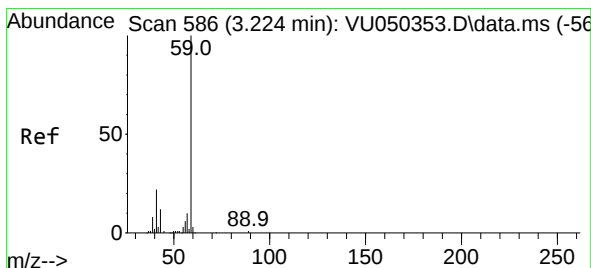
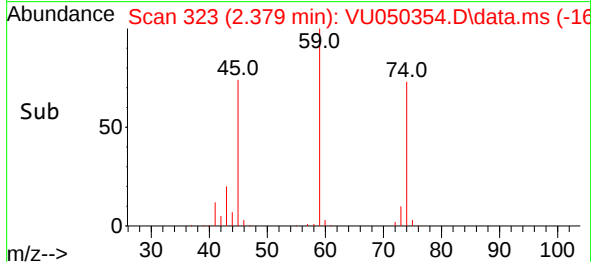
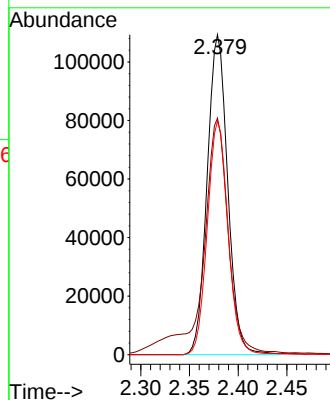
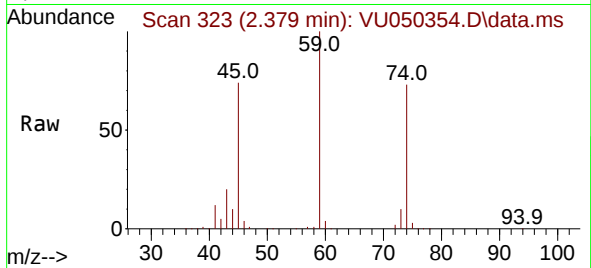




#23
Diethyl Ether
Concen: 18.414 ug/l
RT: 2.379 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

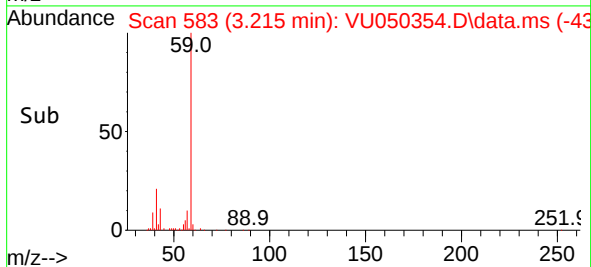
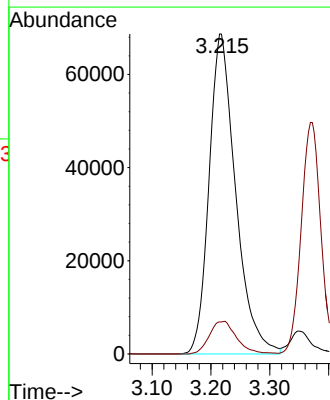
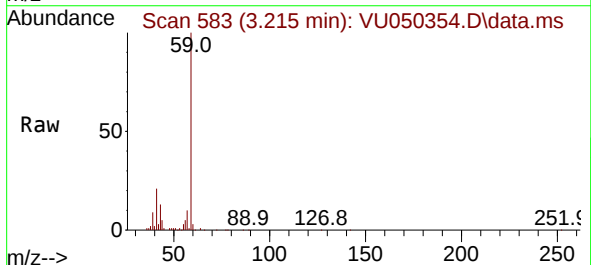
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

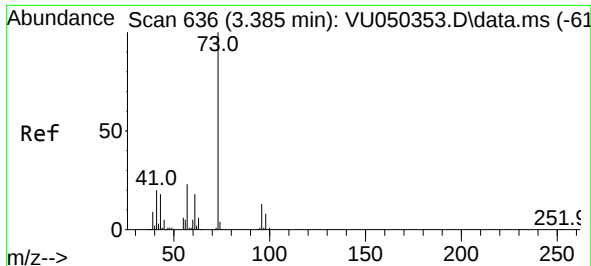
Tgt Ion: 59 Resp: 160444
Ion Ratio Lower Upper
59 100
45 91.3 56.0 84.0#
74 73.9 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 216.821 ug/l
RT: 3.215 min Scan# 583
Delta R.T. -0.009 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Tgt Ion: 59 Resp: 215536
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

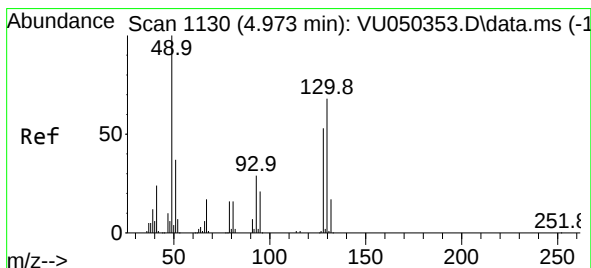
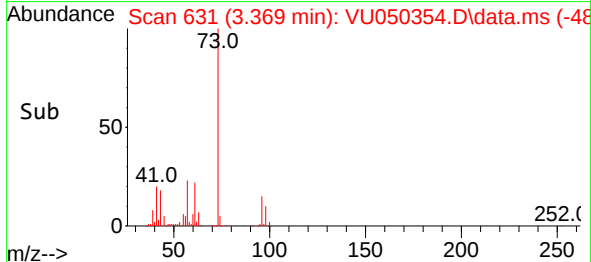
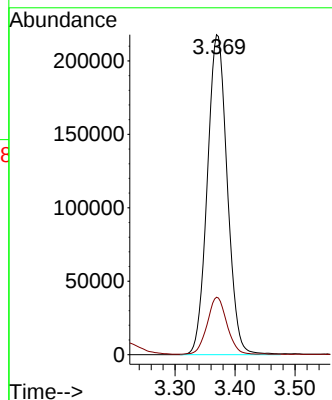
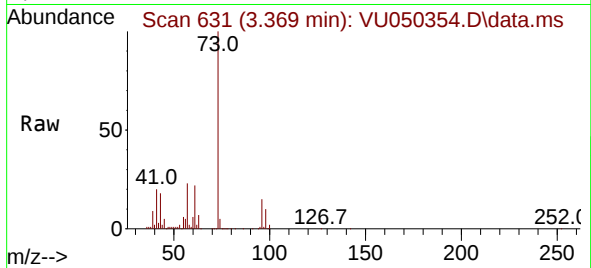




#25
Methyl tert-Butyl Ether
Concen: 17.621 ug/l
RT: 3.369 min Scan# 61
Delta R.T. -0.016 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

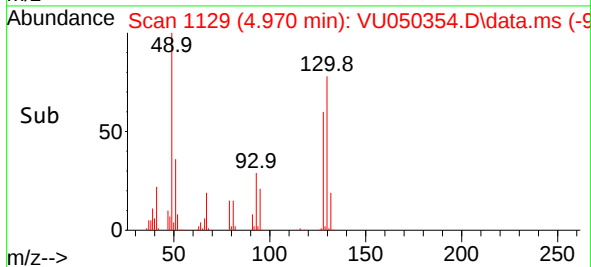
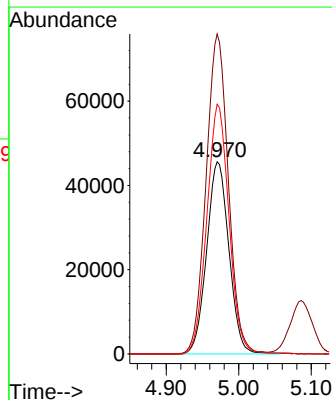
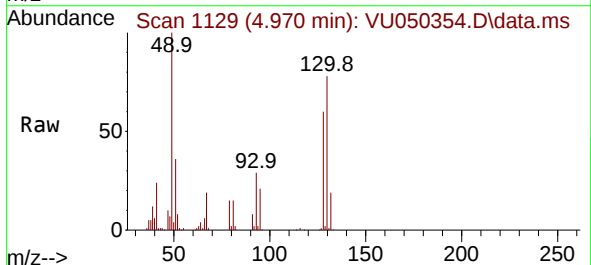
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

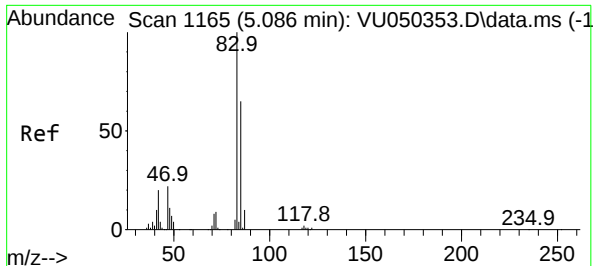
Tgt Ion: 73 Resp: 503966
Ion Ratio Lower Upper
73 100
43 17.5 15.9 23.9



#26
Bromochloromethane
Concen: 17.444 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Tgt Ion:128 Resp: 97282
Ion Ratio Lower Upper
128 100
49 166.5 0.0 349.2
130 129.3 103.0 154.6





#27

Chloroform

Concen: 16.927 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

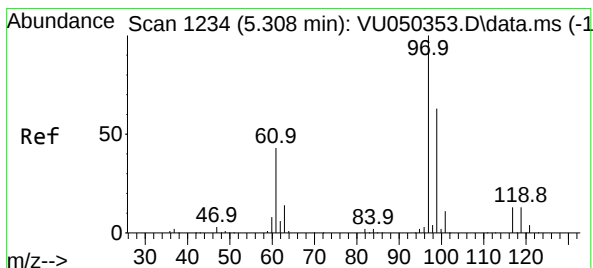
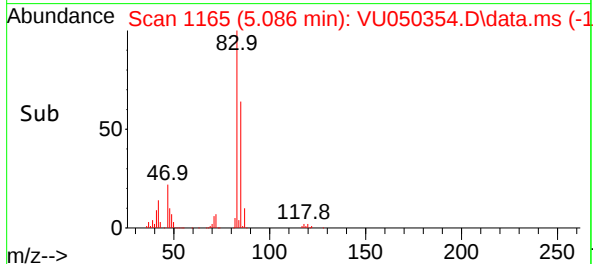
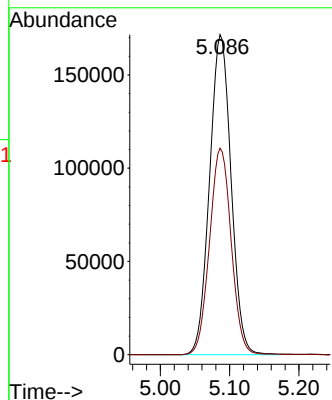
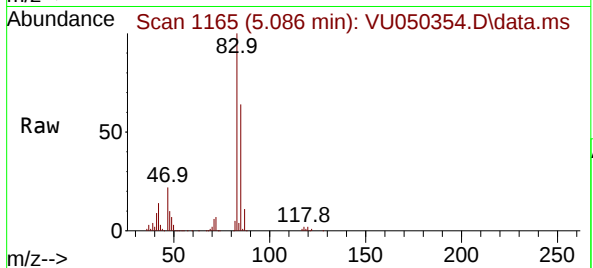
VSTDICC015

Tgt Ion: 83 Resp: 369958

Ion Ratio Lower Upper

83 100

85 64.5 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 15.754 ug/l

RT: 5.308 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

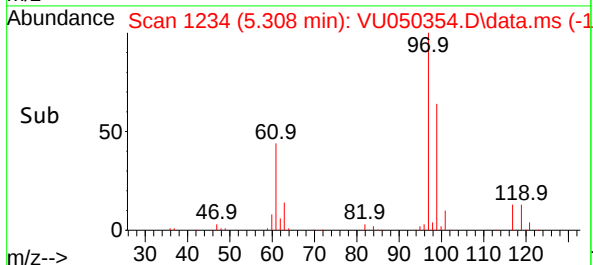
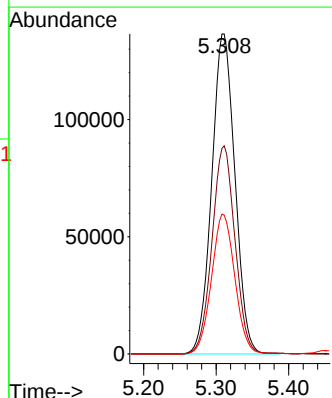
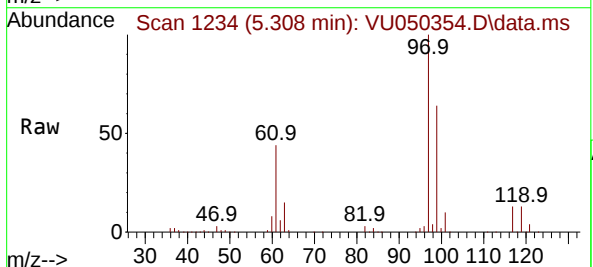
Tgt Ion: 97 Resp: 303659

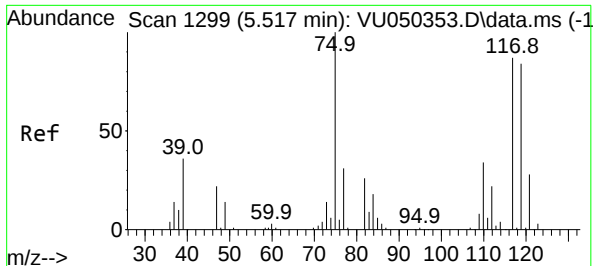
Ion Ratio Lower Upper

97 100

99 64.5 32.1 96.5

61 43.9 21.8 65.4





#29

1,1-Dichloropropene

Concen: 15.368 ug/l

RT: 5.520 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

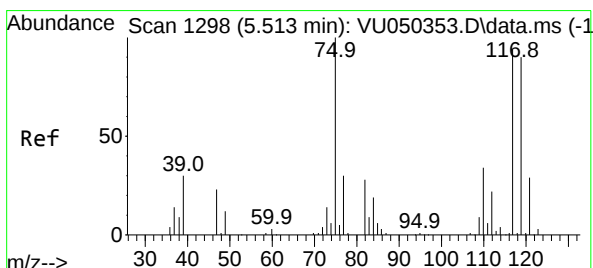
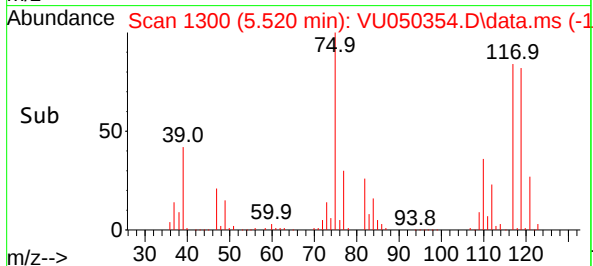
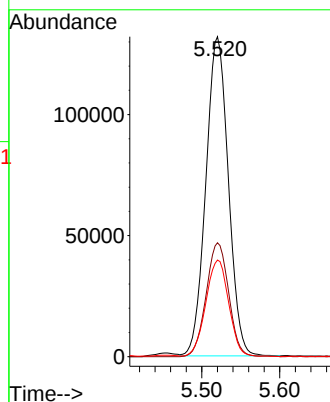
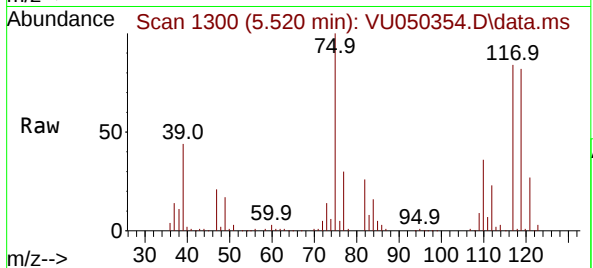
Tgt Ion: 75 Resp: 264537

Ion Ratio Lower Upper

75 100

110 35.7 17.3 52.0

77 30.5 24.6 37.0



#30

Carbon Tetrachloride

Concen: 15.397 ug/l

RT: 5.517 min Scan# 1299

Delta R.T. 0.003 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

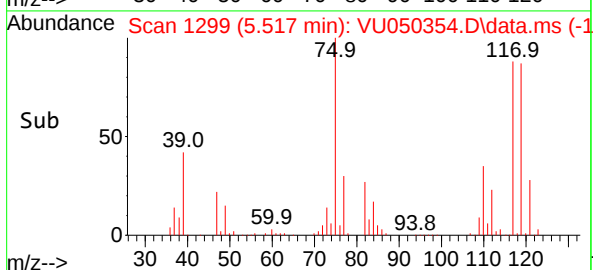
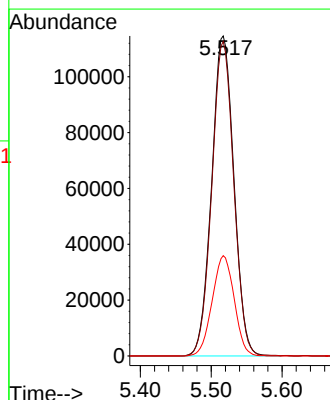
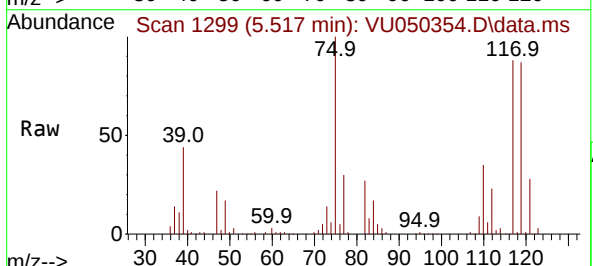
Tgt Ion: 117 Resp: 249892

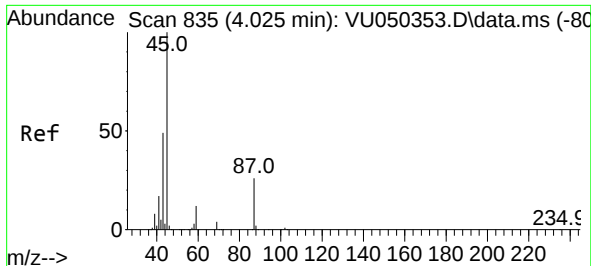
Ion Ratio Lower Upper

117 100

119 98.2 74.6 112.0

121 31.4 24.2 36.4

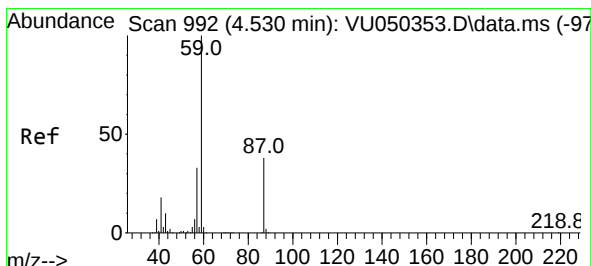
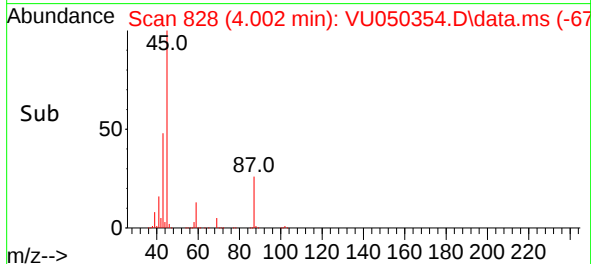
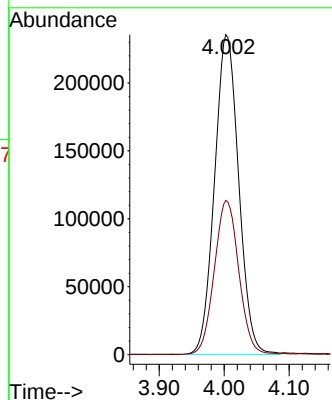
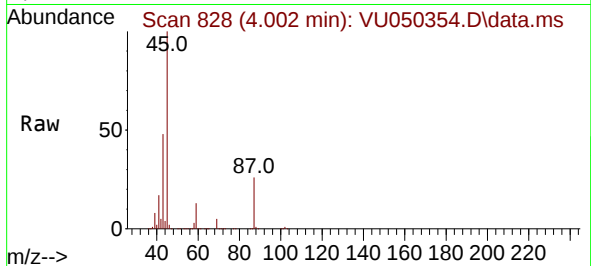




#31
Isopropyl Ether
Concen: 15.919 ug/l
RT: 4.002 min Scan# 81
Delta R.T. -0.022 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

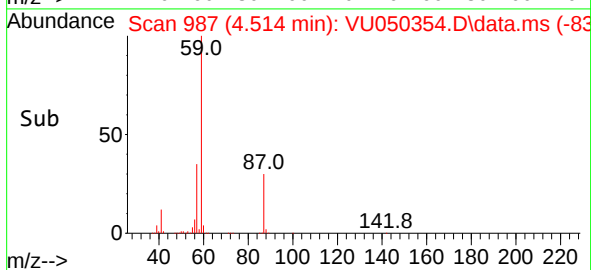
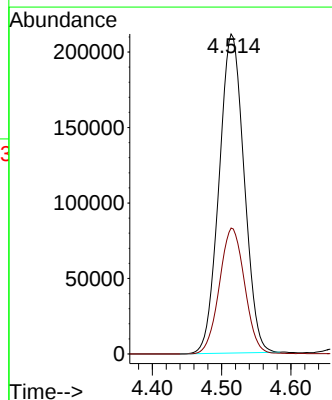
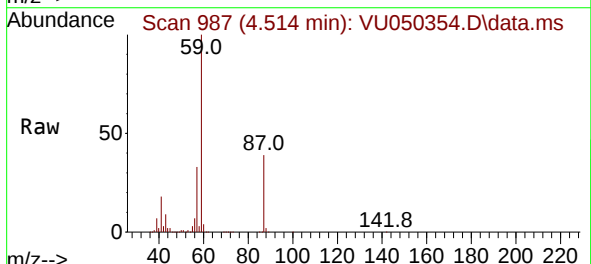
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

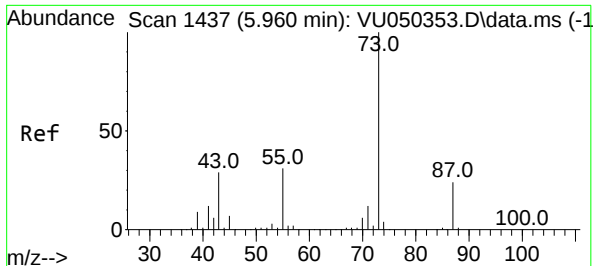
Tgt Ion: 45 Resp: 606349
Ion Ratio Lower Upper
45 100
43 48.8 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 14.686 ug/l
RT: 4.514 min Scan# 987
Delta R.T. -0.016 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Tgt Ion: 59 Resp: 529486
Ion Ratio Lower Upper
59 100
87 39.7 32.5 48.7

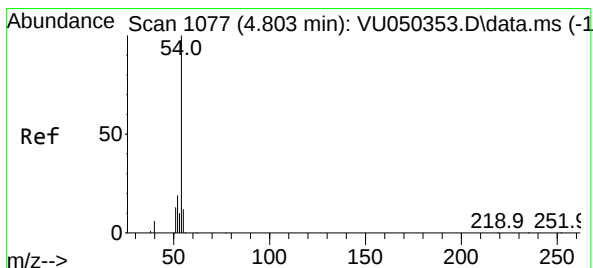
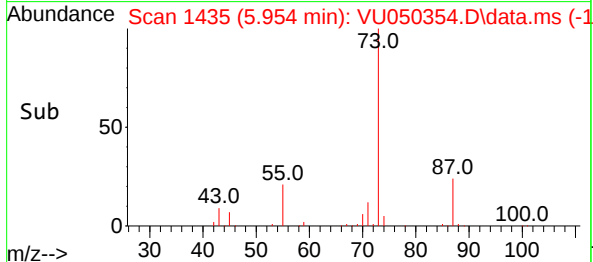
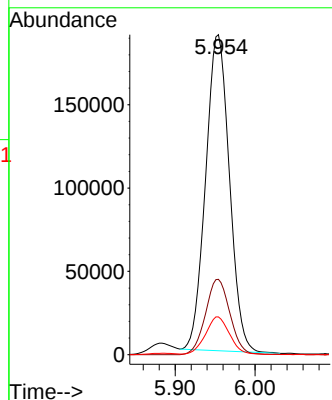
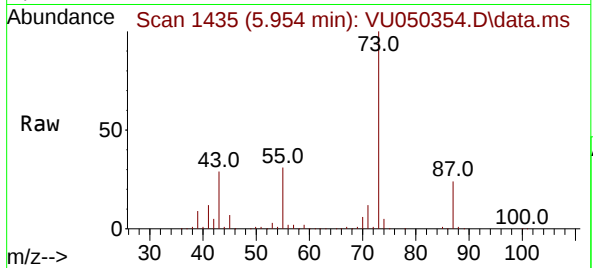




#33
Tert-Amyl methyl ether
Concen: 12.492 ug/l
RT: 5.954 min Scan# 1435
Delta R.T. -0.006 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

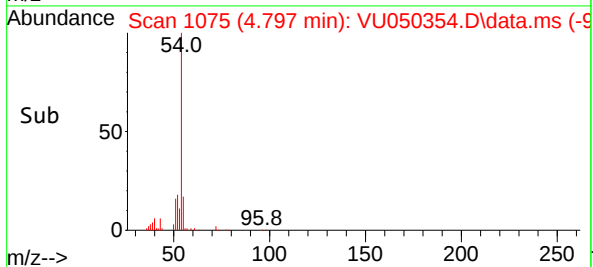
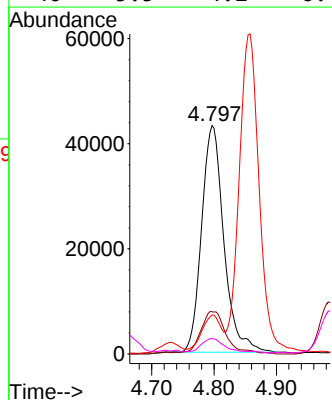
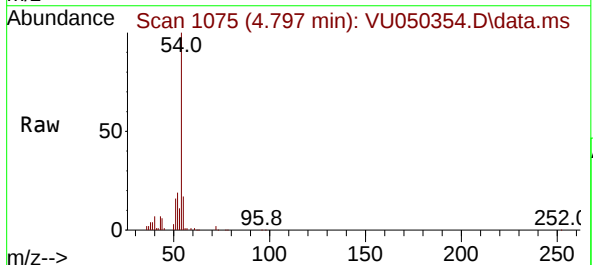
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

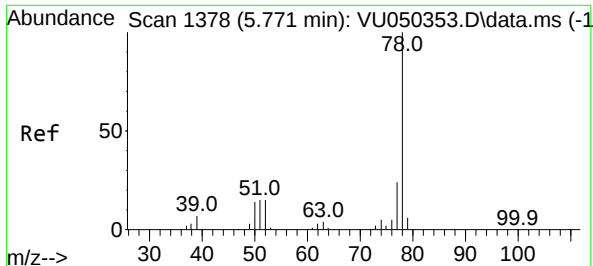
Tgt Ion: 73 Resp: 391568
Ion Ratio Lower Upper
73 100
87 24.5 19.7 29.5
71 11.9 9.0 13.4



#34
Propionitrile
Concen: 101.578 ug/l
RT: 4.797 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Tgt Ion: 54 Resp: 107122
Ion Ratio Lower Upper
54 100
52 19.7 15.0 22.6
55 14.5 12.6 19.0
40 5.5 4.2 6.4

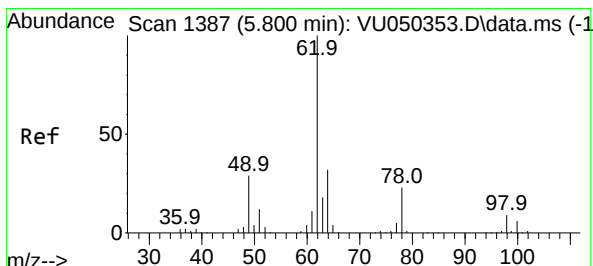
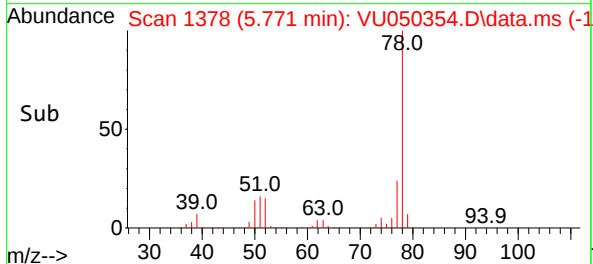
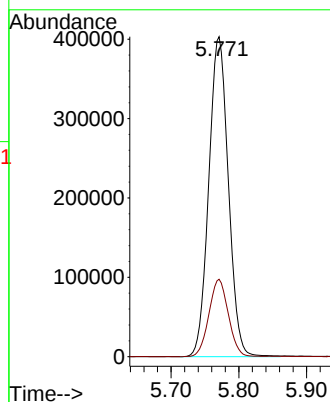
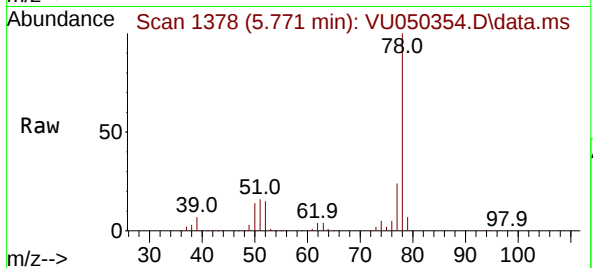




#35
Benzene
Concen: 16.465 ug/l
RT: 5.771 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

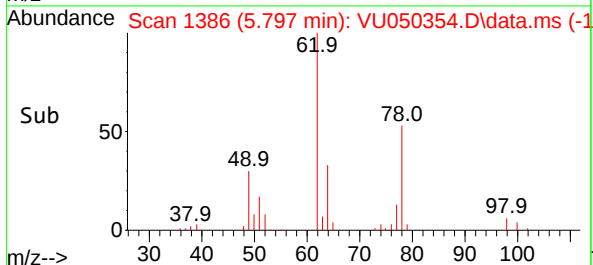
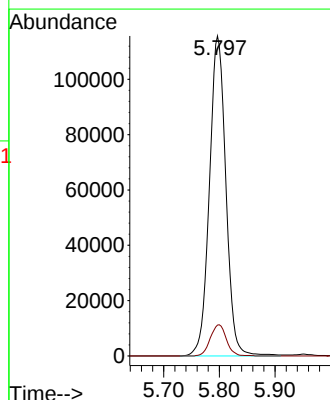
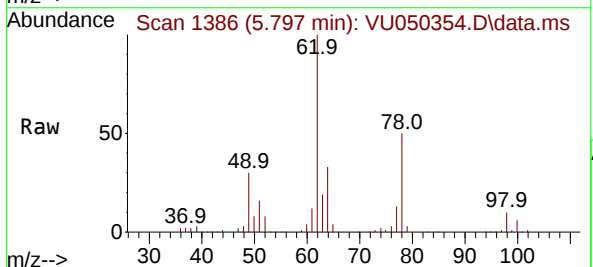
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

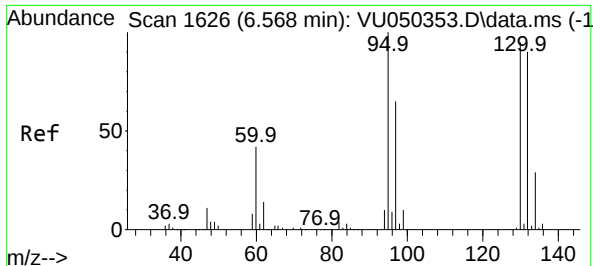
Tgt Ion: 78 Resp: 807591
Ion Ratio Lower Upper
78 100
77 24.2 18.6 28.0



#36
1,2-Dichloroethane
Concen: 17.061 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Tgt Ion: 62 Resp: 237950
Ion Ratio Lower Upper
62 100
98 9.6 7.4 11.0





#37

Trichloroethene

Concen: 15.817 ug/l

RT: 6.539 min Scan# 1

Delta R.T. -0.029 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

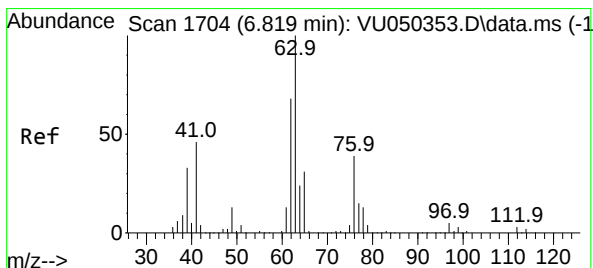
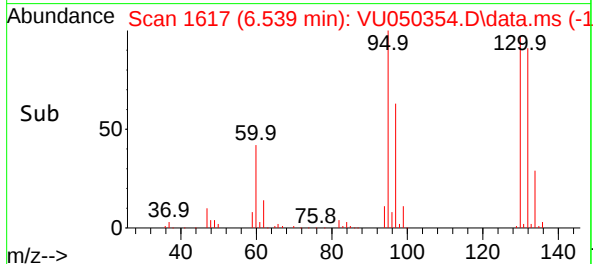
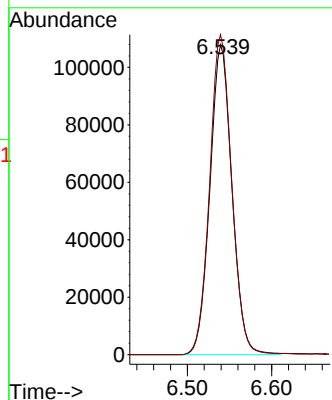
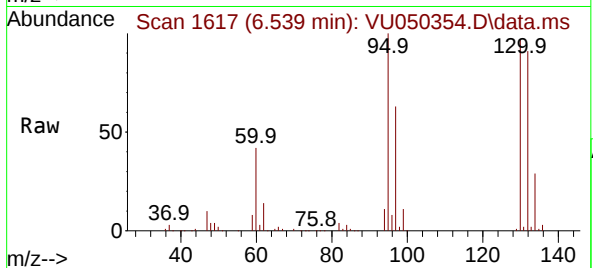
VSTDIC015

Tgt Ion:130 Resp: 196075

Ion Ratio Lower Upper

130 100

95 103.2 83.8 125.8



#38

1,2-Dichloropropane

Concen: 17.119 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. -0.026 min

Lab File: VU050354.D

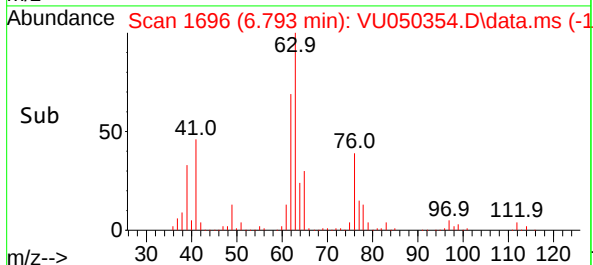
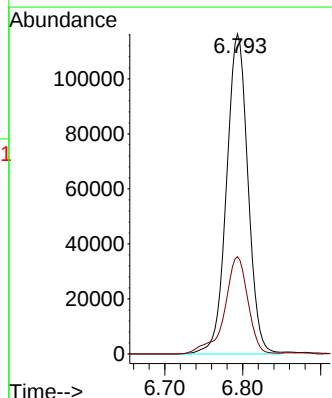
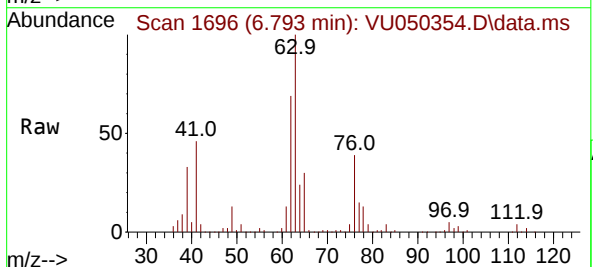
Acq: 17 Aug 2022 11:41

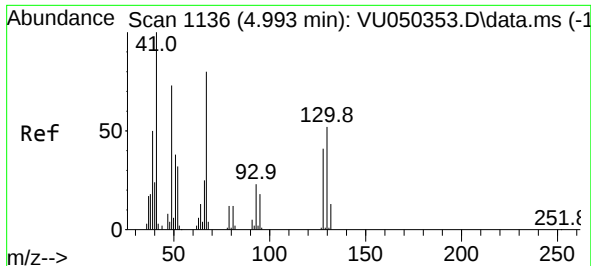
Tgt Ion: 63 Resp: 222305

Ion Ratio Lower Upper

63 100

65 30.3 25.0 37.4





#39

Methacrylonitrile

Concen: 15.453 ug/l

RT: 4.983 min Scan# 1136

Delta R.T. -0.009 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 41 Resp: 69821

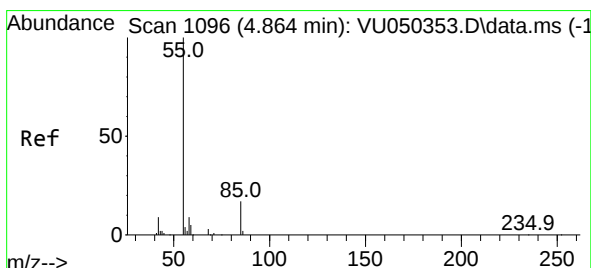
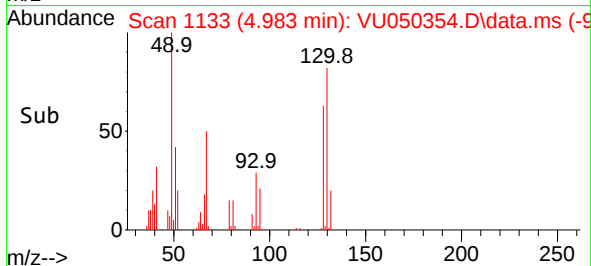
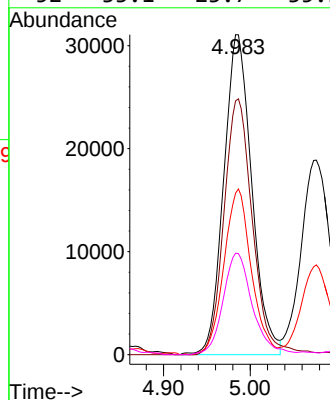
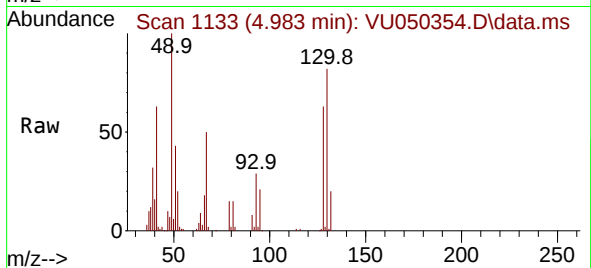
Ion Ratio Lower Upper

41 100

67 81.4 59.4 89.0

39 50.7 42.2 63.2

52 33.1 23.7 35.5



#40

Methyl acrylate

Concen: 19.162 ug/l

RT: 4.858 min Scan# 1094

Delta R.T. -0.006 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Tgt Ion: 55 Resp: 135594

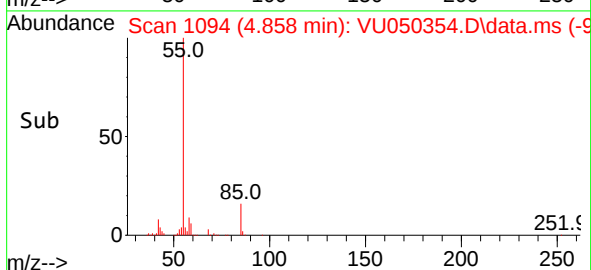
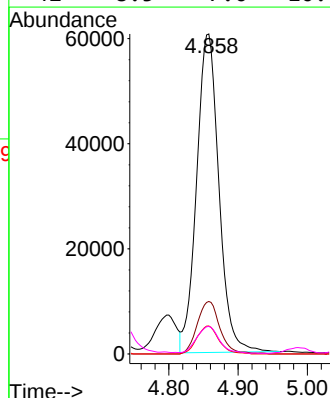
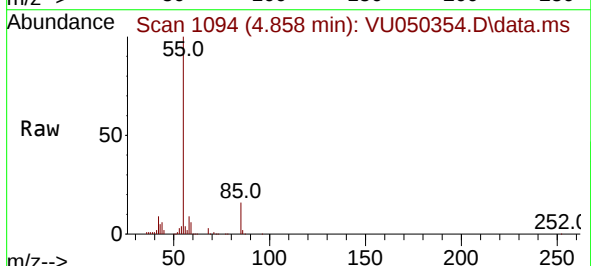
Ion Ratio Lower Upper

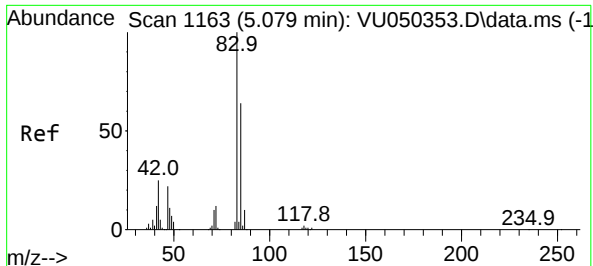
55 100

85 16.6 13.5 20.3

58 8.6 7.0 10.4

42 8.5 7.0 10.6





#41

Tetrahydrofuran

Concen: 27.406 ug/l

RT: 5.076 min Scan# 1163

Delta R.T. -0.003 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

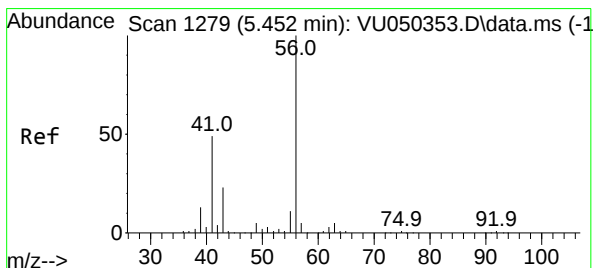
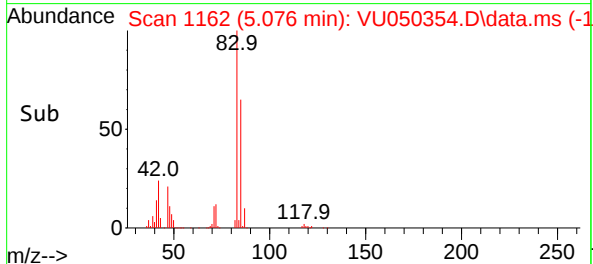
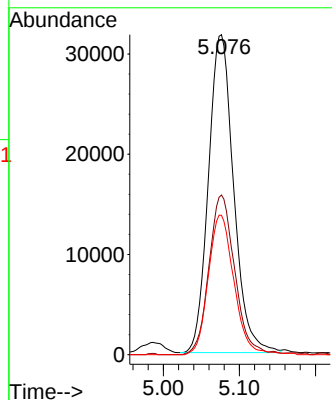
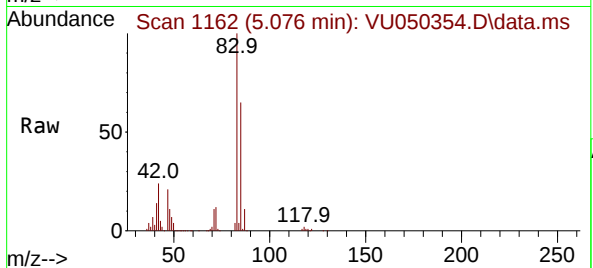
Tgt Ion: 42 Resp: 73203

Ion Ratio Lower Upper

42 100

72 51.0 38.9 58.3

71 44.5 33.7 50.5



#42

1-Chlorobutane

Concen: 14.985 ug/l

RT: 5.453 min Scan# 1279

Delta R.T. 0.000 min

Lab File: VU050354.D

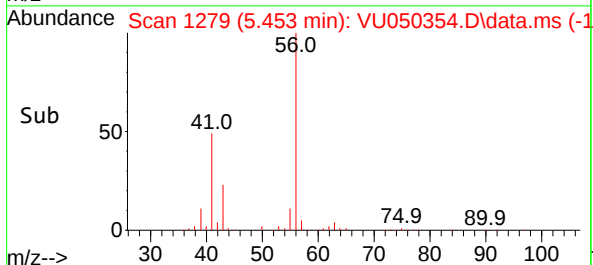
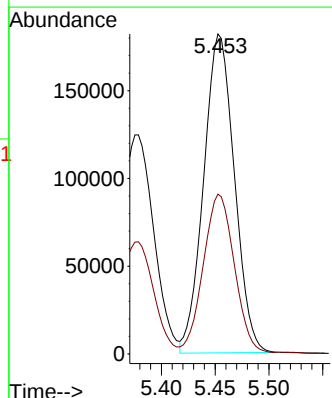
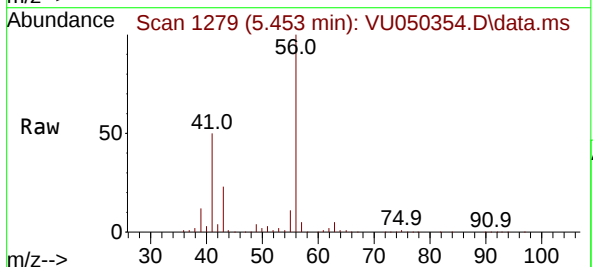
Acq: 17 Aug 2022 11:41

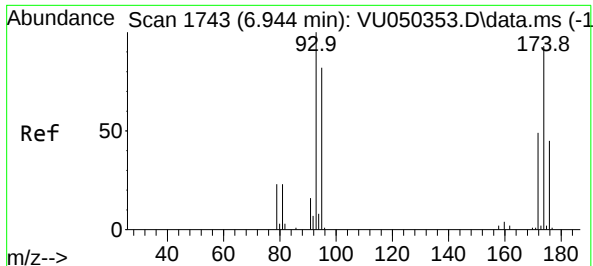
Tgt Ion: 56 Resp: 361722

Ion Ratio Lower Upper

56 100

41 50.0 26.4 79.2

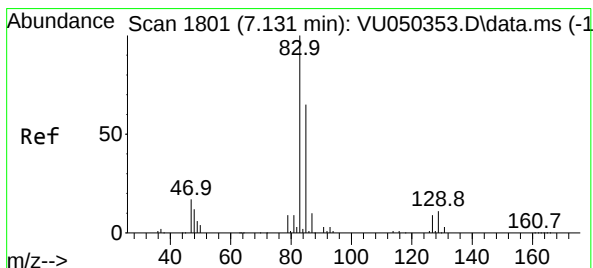
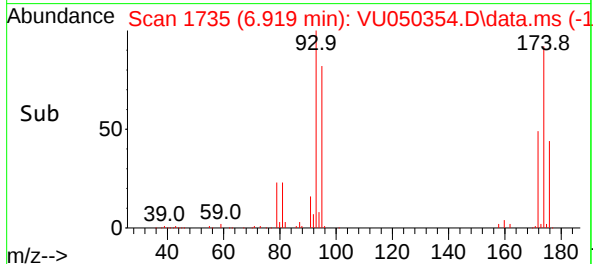
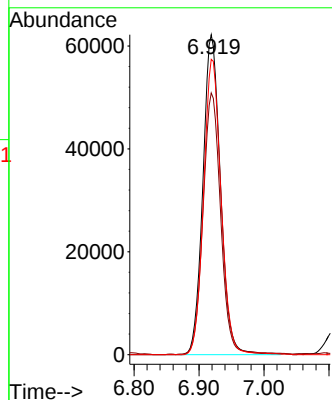
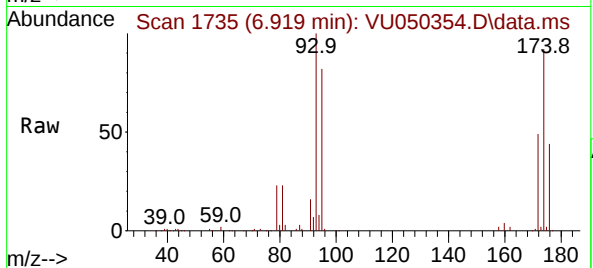




#43
Dibromomethane
Concen: 18.118 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. -0.026 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

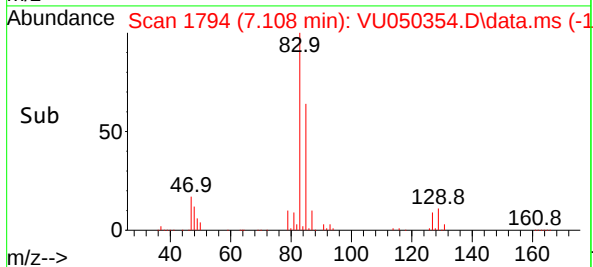
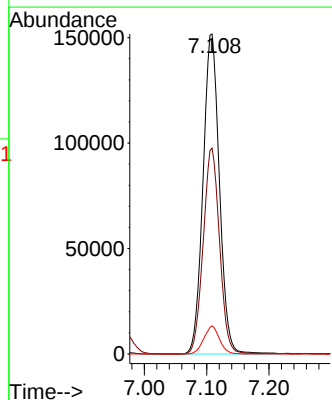
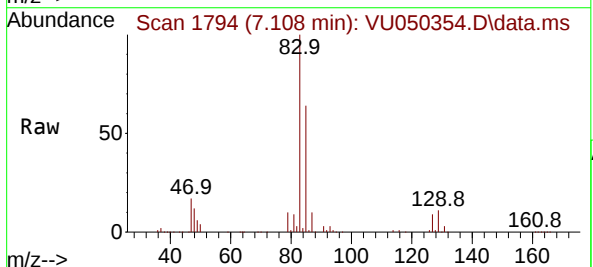
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

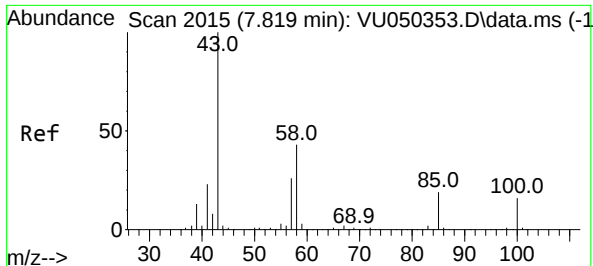
Tgt Ion: 93 Resp: 117227
Ion Ratio Lower Upper
93 100
95 82.7 65.0 97.6
174 92.2 76.3 114.5



#44
Bromodichloromethane
Concen: 17.895 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.022 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Tgt Ion: 83 Resp: 277527
Ion Ratio Lower Upper
83 100
85 64.4 49.4 74.0
127 8.8 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 81.497 ug/l

RT: 7.803 min Scan# 2010

Delta R.T. -0.016 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

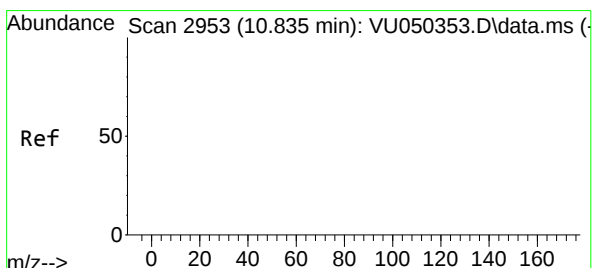
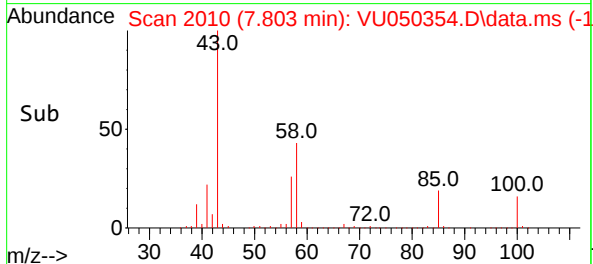
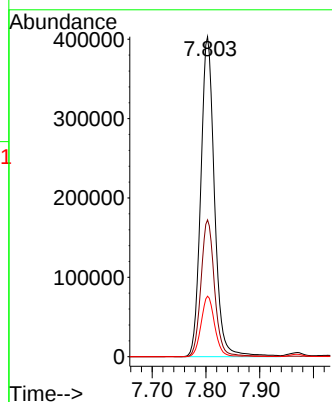
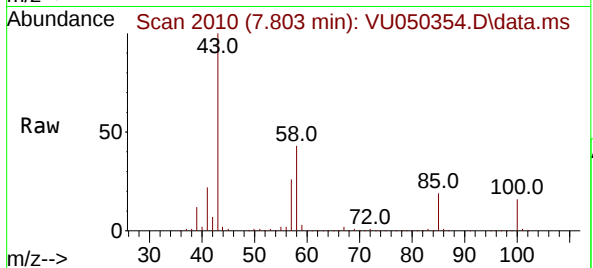
Tgt Ion: 43 Resp: 715665

Ion Ratio Lower Upper

43 100

58 42.4 20.3 61.0

85 18.7 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 32.357 ug/l m

RT: 10.835 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Tgt Ion: 75 Resp: 92469

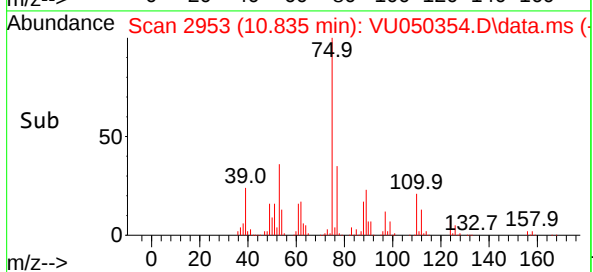
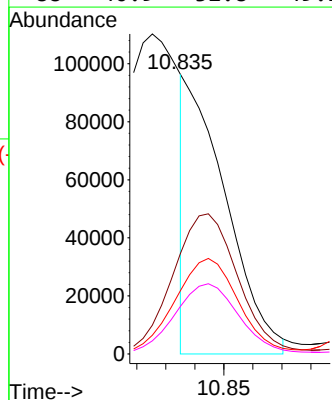
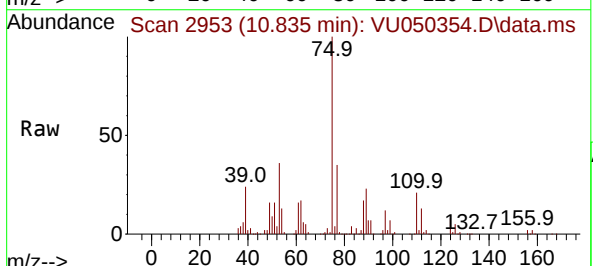
Ion Ratio Lower Upper

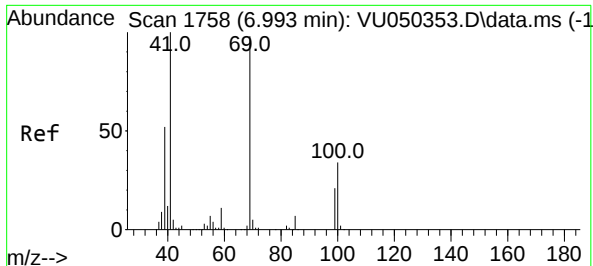
75 100

53 82.6 64.4 96.6

89 55.0 44.2 66.2

88 40.9 32.8 49.2





#47

Methyl methacrylate

Concen: 35.093 ug/l

RT: 6.970 min Scan# 11

Delta R.T. -0.022 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 69 Resp: 228956

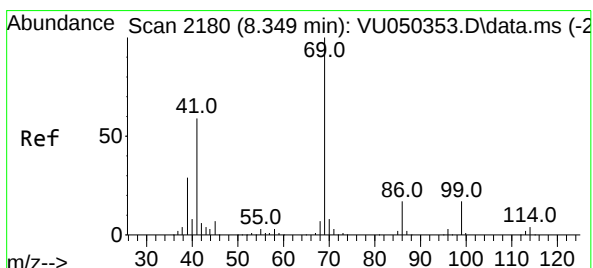
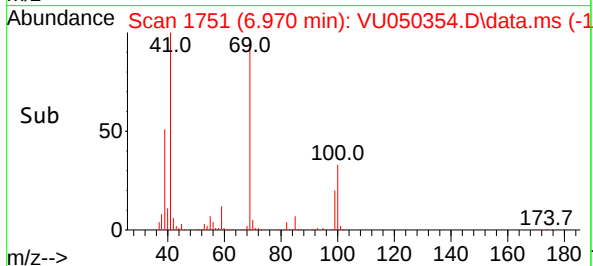
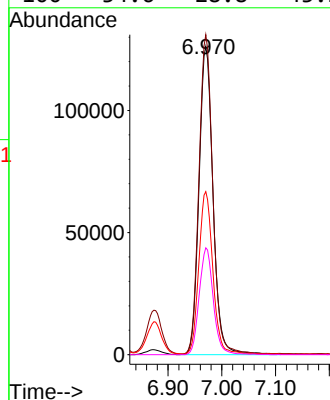
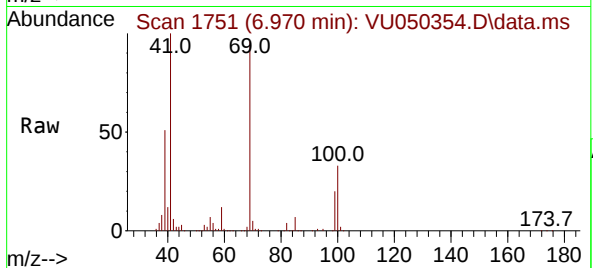
Ion Ratio Lower Upper

69 100

41 101.9 0.0 225.4

39 52.1 45.8 68.8

100 34.6 28.8 43.2



#48

Ethyl methacrylate

Concen: 15.983 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. -0.009 min

Lab File: VU050354.D

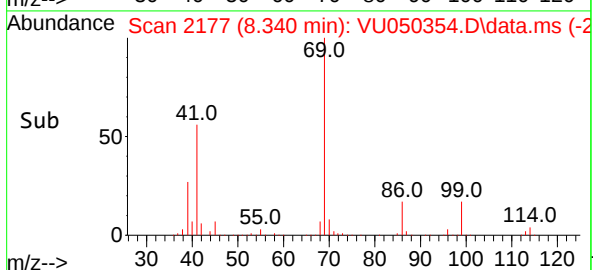
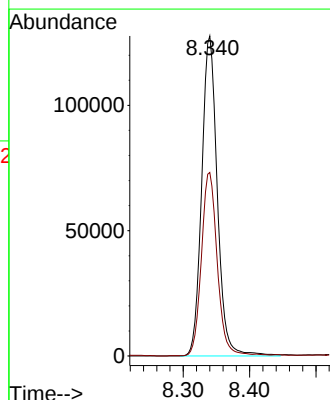
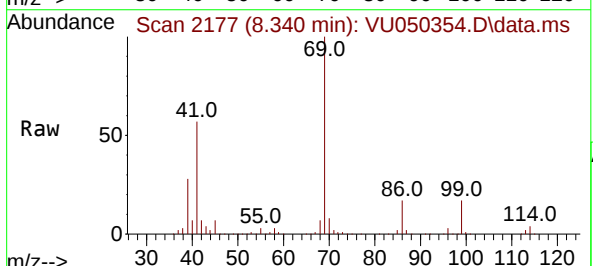
Acq: 17 Aug 2022 11:41

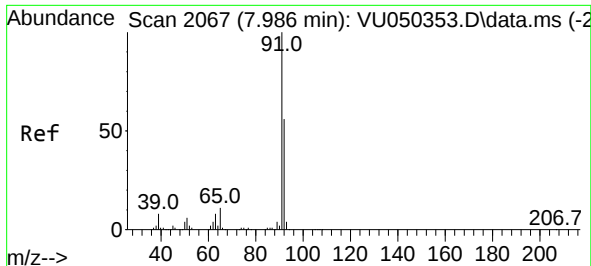
Tgt Ion: 69 Resp: 209203

Ion Ratio Lower Upper

69 100

41 57.7 32.3 96.9





#49

Toluene

Concen: 16.805 ug/l

RT: 7.967 min Scan# 2067

Delta R.T. -0.019 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

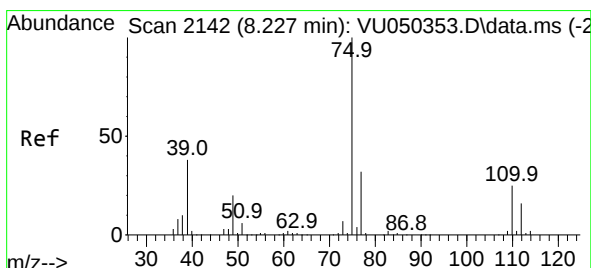
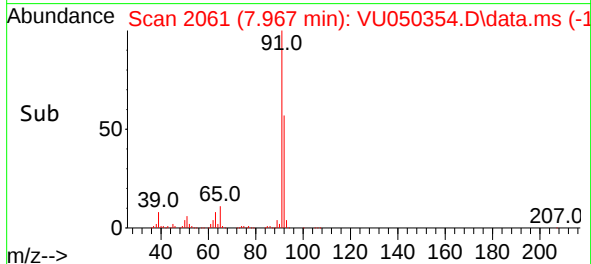
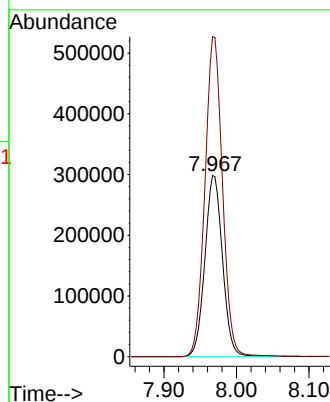
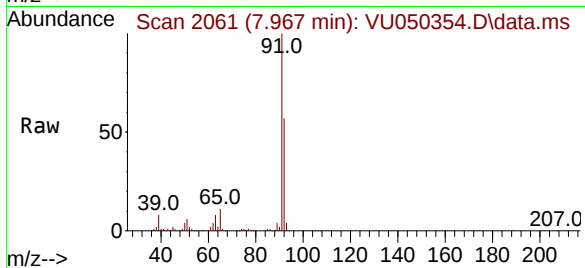
VSTDIC015

Tgt Ion: 92 Resp: 503362

Ion Ratio Lower Upper

92 100

91 176.4 138.6 207.8



#50

t-1,3-Dichloropropene

Concen: 16.924 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.016 min

Lab File: VU050354.D

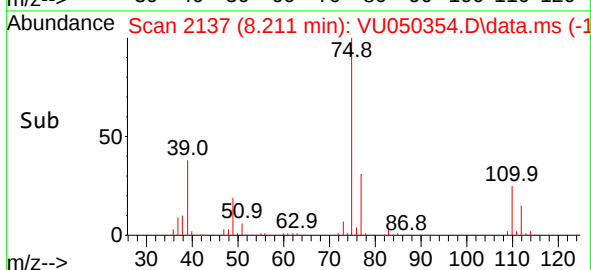
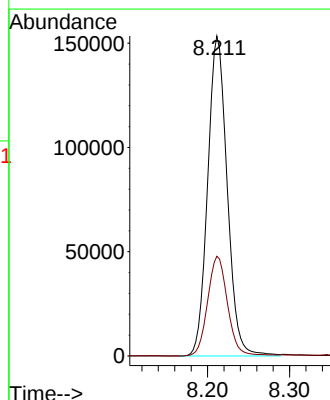
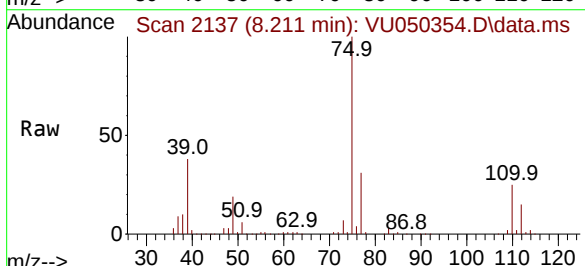
Acq: 17 Aug 2022 11:41

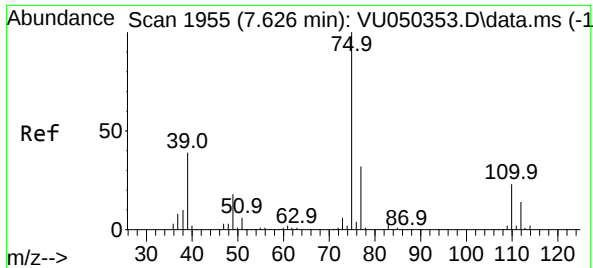
Tgt Ion: 75 Resp: 253500

Ion Ratio Lower Upper

75 100

77 31.1 24.7 37.1

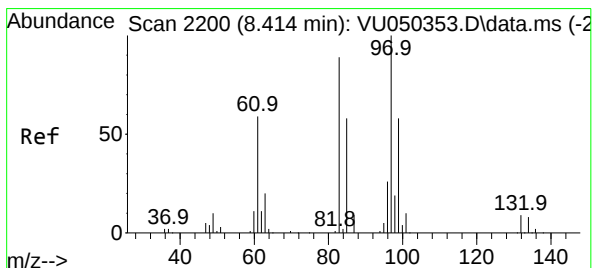
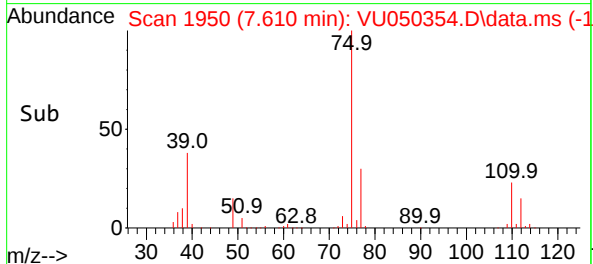
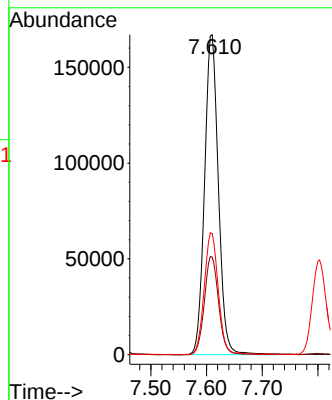
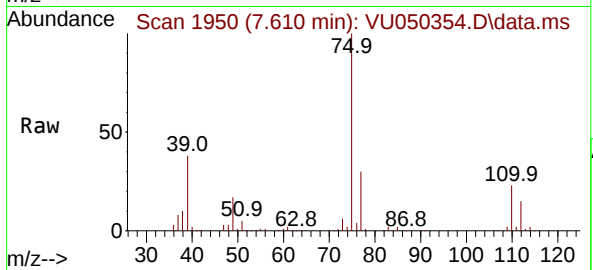




#51
 cis-1,3-Dichloropropene
 Concen: 16.239 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.016 min
 Lab File: VU050354.D
 Acq: 17 Aug 2022 11:41

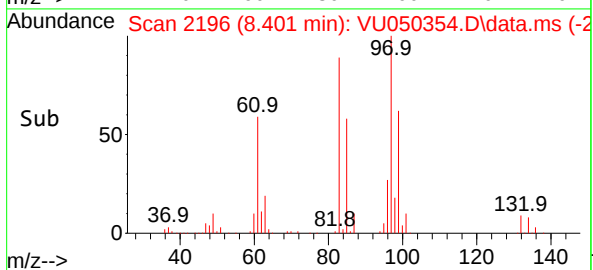
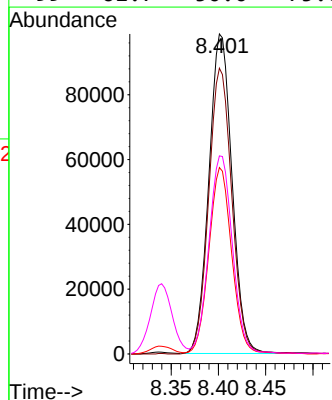
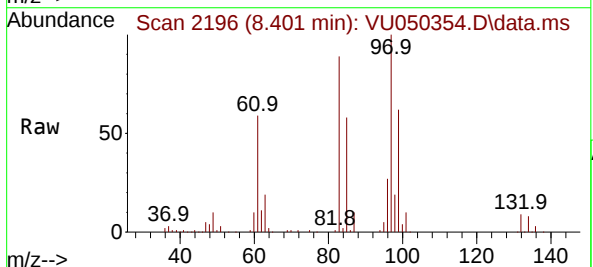
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

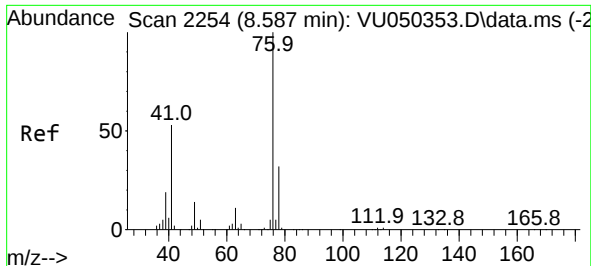
Tgt Ion: 75 Resp: 288278
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.0
 39 37.8 35.1 52.7



#52
 1,1,2-Trichloroethane
 Concen: 18.818 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. -0.013 min
 Lab File: VU050354.D
 Acq: 17 Aug 2022 11:41

Tgt Ion: 97 Resp: 168032
 Ion Ratio Lower Upper
 97 100
 83 89.4 70.6 106.0
 85 58.1 46.2 69.4
 99 61.7 50.0 75.0





#53

1,3-Dichloropropane

Concen: 17.760 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.009 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

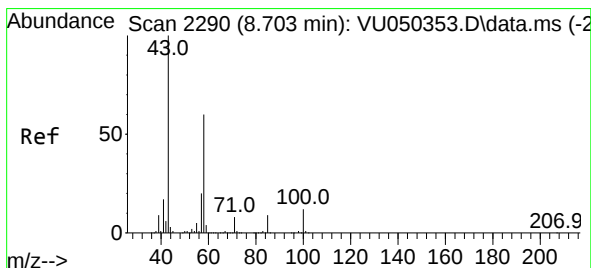
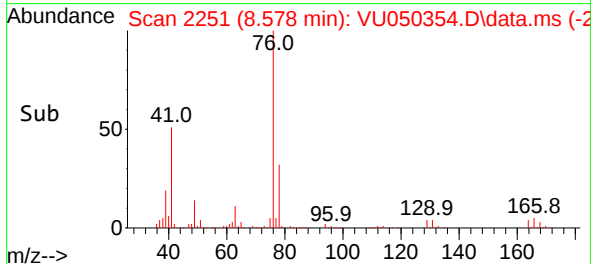
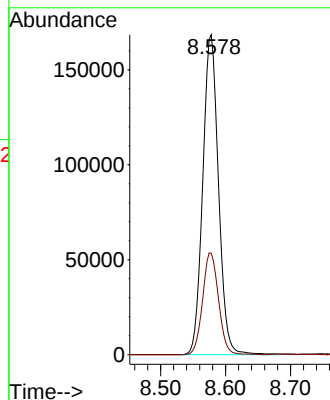
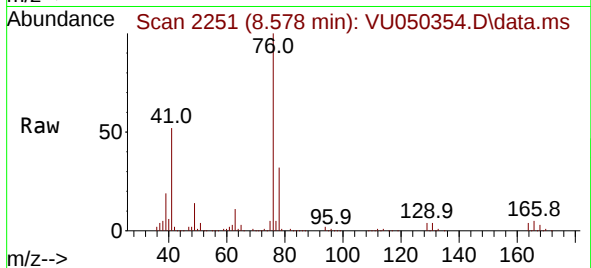
VSTDICC015

Tgt Ion: 76 Resp: 284649

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#54

2-Hexanone

Concen: 82.301 ug/l

RT: 8.694 min Scan# 2287

Delta R.T. -0.009 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

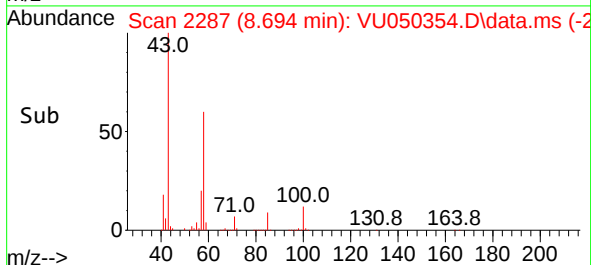
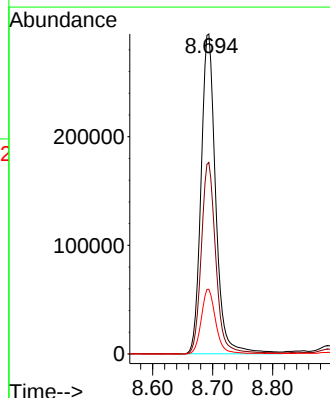
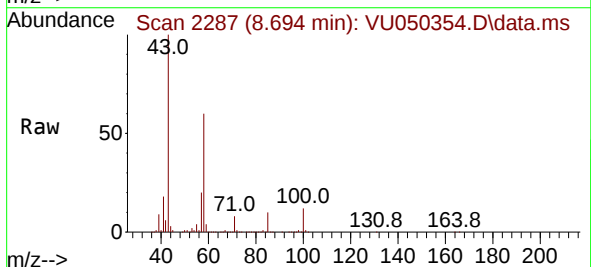
Tgt Ion: 43 Resp: 501936

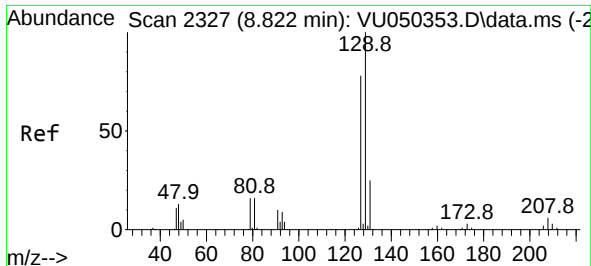
Ion Ratio Lower Upper

43 100

58 59.7 37.1 77.1

57 20.0 0.0 39.5

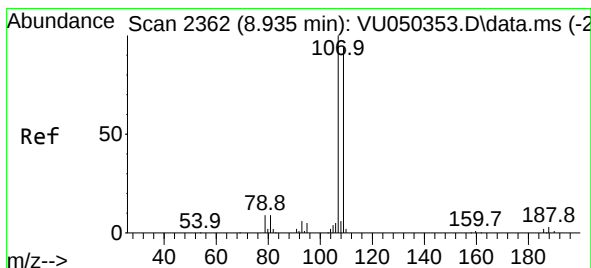
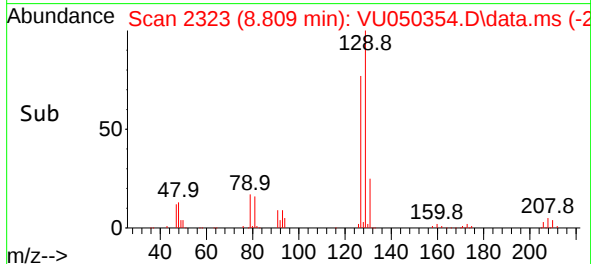
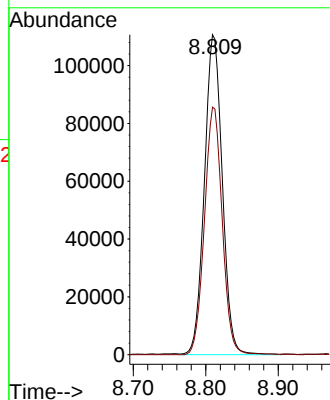
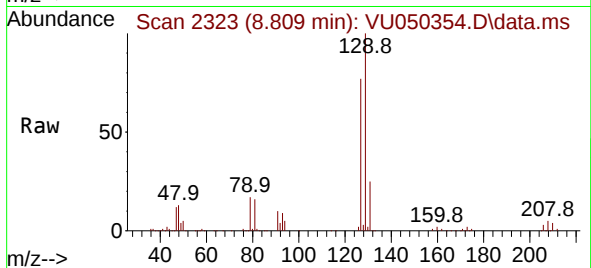




#55
 Dibromochloromethane
 Concen: 18.605 ug/l
 RT: 8.809 min Scan# 215
 Delta R.T. -0.013 min
 Lab File: VU050354.D
 Acq: 17 Aug 2022 11:41

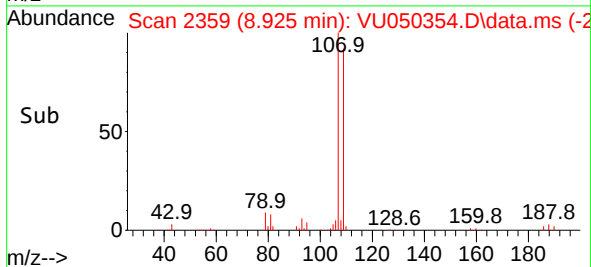
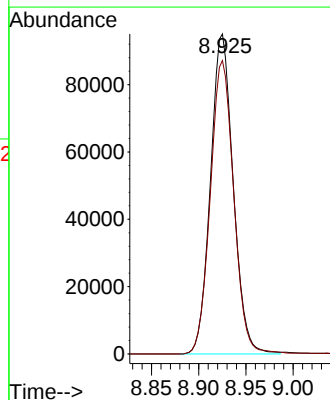
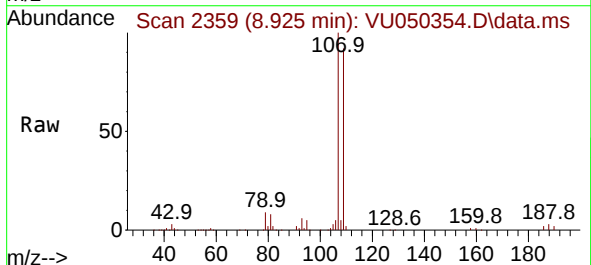
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

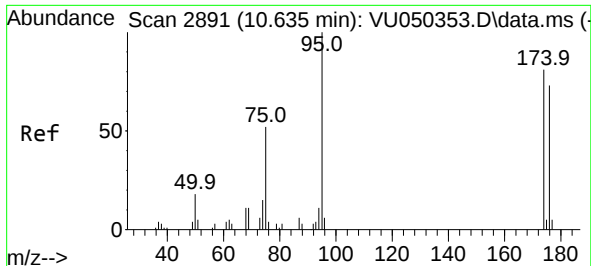
Tgt Ion:129 Resp: 189768
 Ion Ratio Lower Upper
 129 100
 127 76.9 61.2 91.8



#56
 1,2-Dibromoethane
 Concen: 18.383 ug/l
 RT: 8.925 min Scan# 2359
 Delta R.T. -0.009 min
 Lab File: VU050354.D
 Acq: 17 Aug 2022 11:41

Tgt Ion:107 Resp: 158954
 Ion Ratio Lower Upper
 107 100
 109 94.4 0.0 187.2





#57

4-Bromofluorobenzene

Concen: 0.975 ug/l

RT: 10.632 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

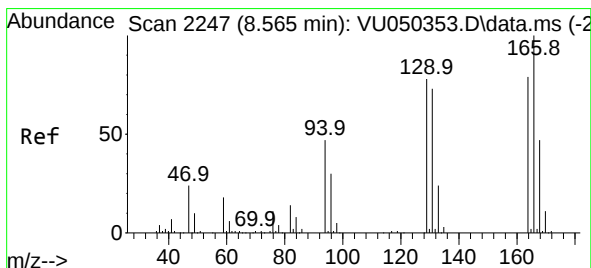
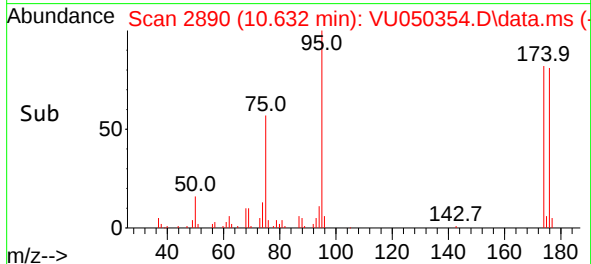
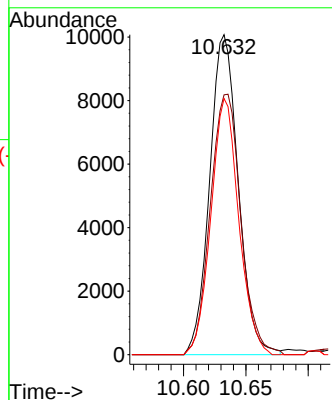
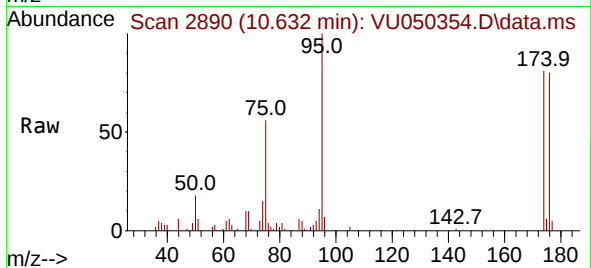
Tgt Ion: 95 Resp: 16110

Ion Ratio Lower Upper

95 100

174 86.5 62.4 93.6

176 78.1 56.2 84.2



#58

Tetrachloroethene

Concen: 17.649 ug/l

RT: 8.552 min Scan# 2243

Delta R.T. -0.013 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Tgt Ion: 164 Resp: 181918

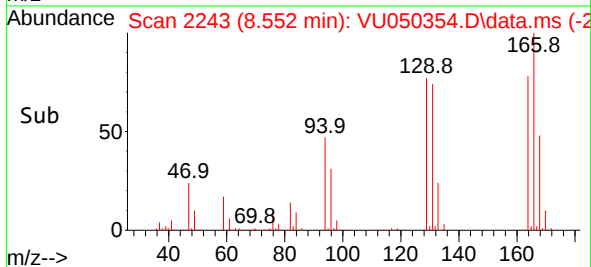
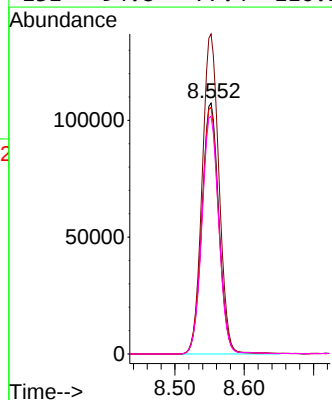
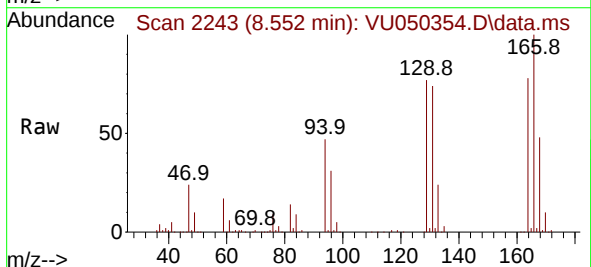
Ion Ratio Lower Upper

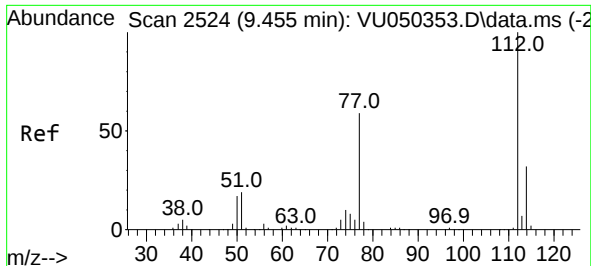
164 100

166 127.6 102.4 153.6

129 98.3 79.5 119.3

131 94.8 77.4 116.2





#59

Chlorobenzene

Concen: 16.642 ug/l

RT: 9.446 min Scan# 2521

Delta R.T. -0.009 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

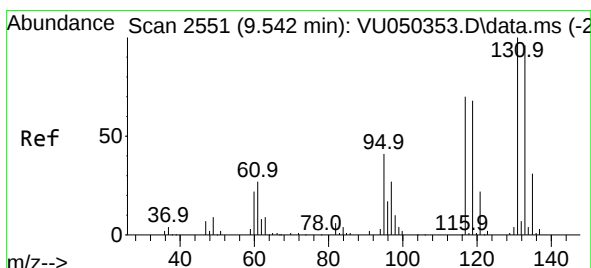
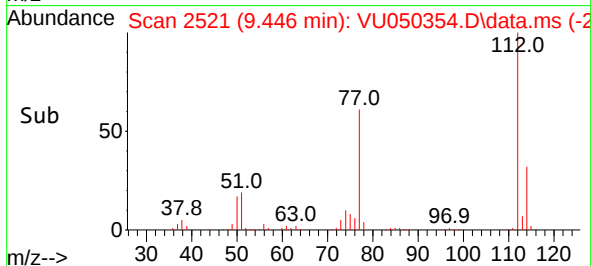
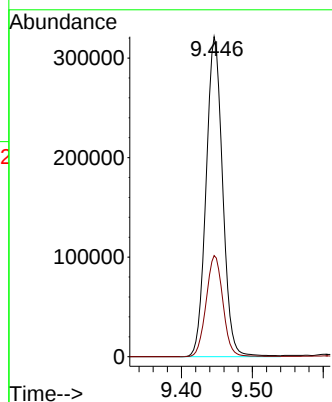
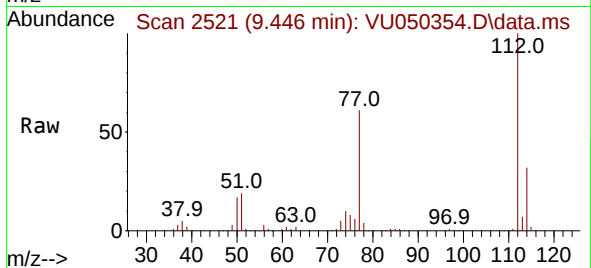
VSTDIC015

Tgt Ion:112 Resp: 521488

Ion Ratio Lower Upper

112 100

114 31.6 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 17.517 ug/l

RT: 9.533 min Scan# 2548

Delta R.T. -0.009 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

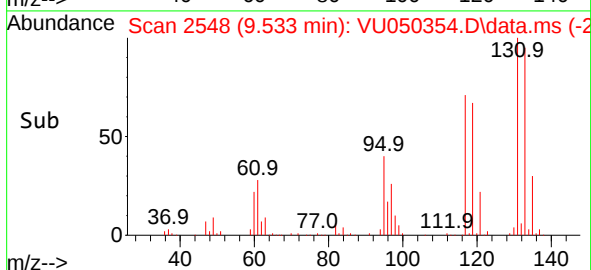
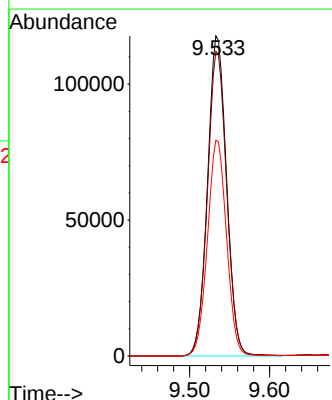
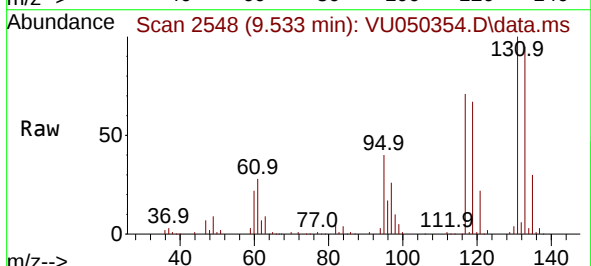
Tgt Ion:131 Resp: 195234

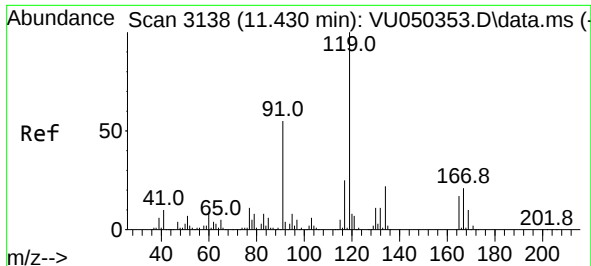
Ion Ratio Lower Upper

131 100

133 95.9 78.3 117.5

119 67.5 53.2 79.8

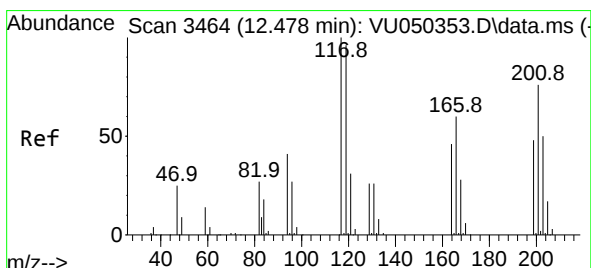
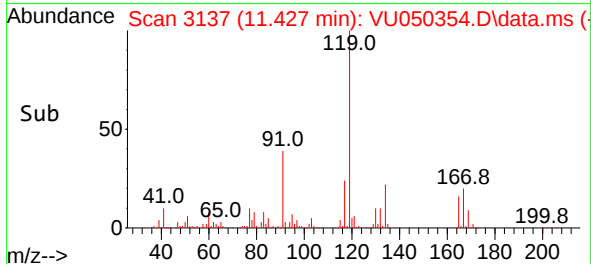
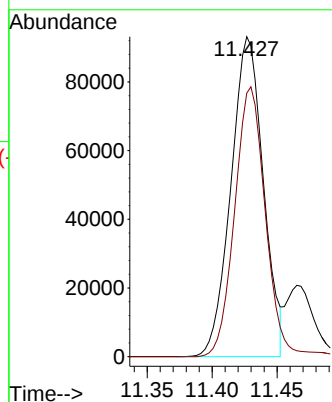
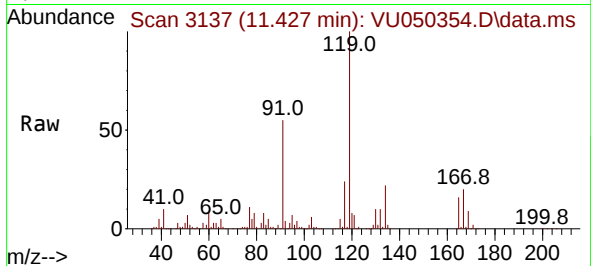




#61
 Pentachloroethane
 Concen: 18.874 ug/l
 RT: 11.427 min Scan# 3138
 Delta R.T. -0.003 min
 Lab File: VU050354.D
 Acq: 17 Aug 2022 11:41

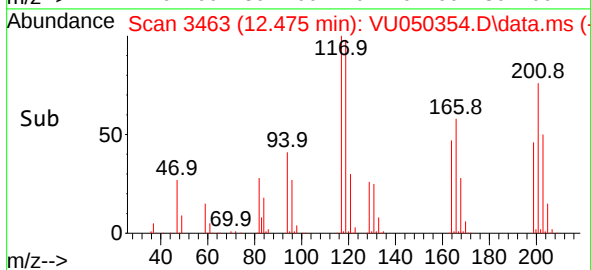
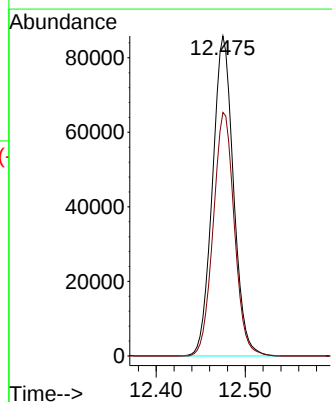
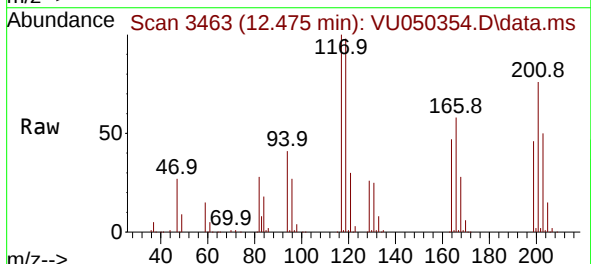
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

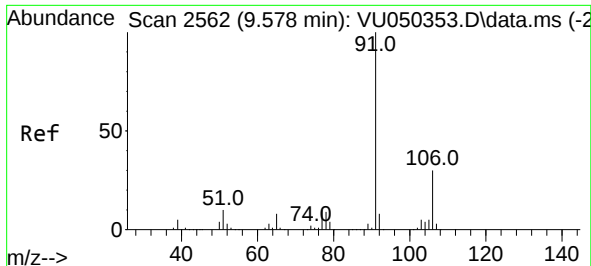
Tgt Ion:117 Resp: 161518
 Ion Ratio Lower Upper
 117 100
 167 80.6 66.2 99.4



#62
 Hexachloroethane
 Concen: 16.418 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. -0.003 min
 Lab File: VU050354.D
 Acq: 17 Aug 2022 11:41

Tgt Ion:117 Resp: 140729
 Ion Ratio Lower Upper
 117 100
 201 76.4 61.0 91.4

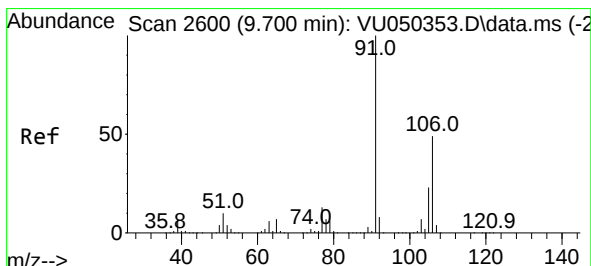
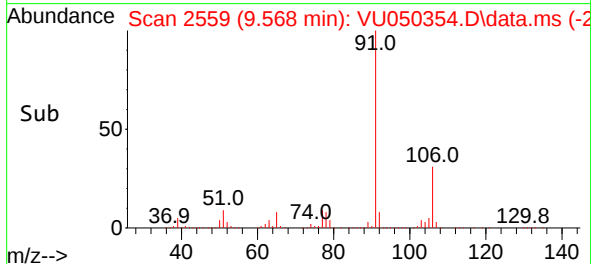
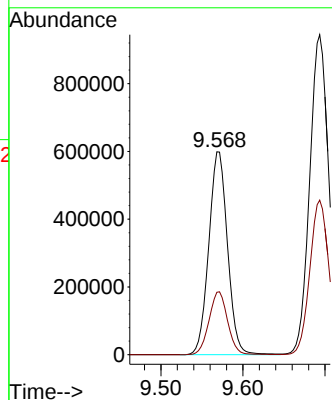
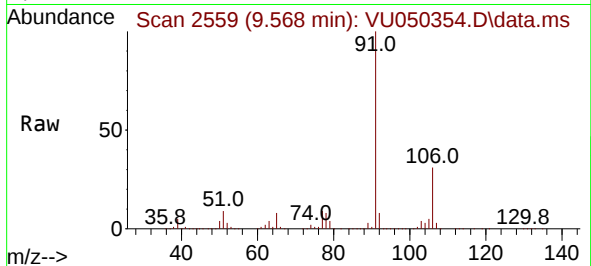




#63
Ethyl Benzene
Concen: 16.840 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.009 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

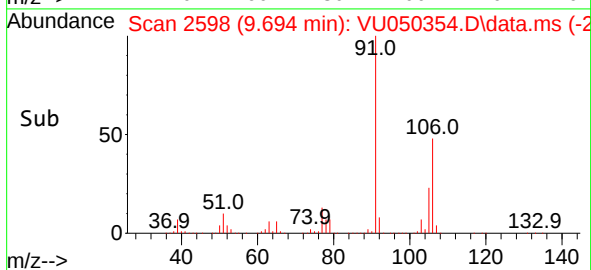
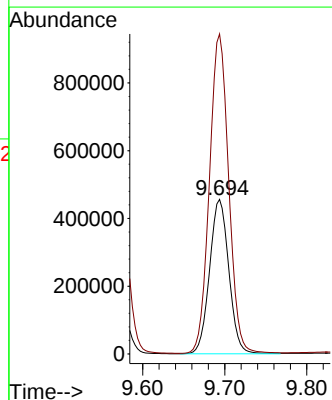
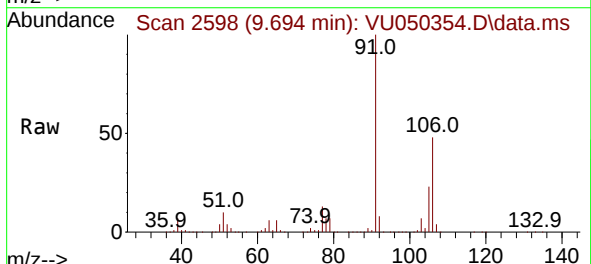
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

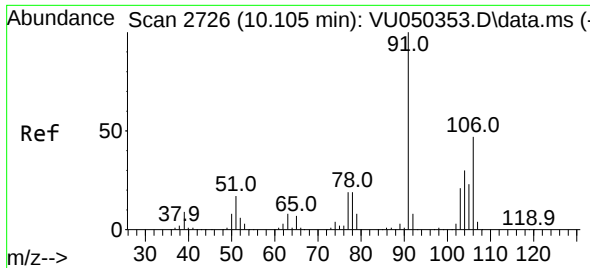
Tgt Ion: 91 Resp: 949748
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6



#64
m/p-Xylenes
Concen: 35.662 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. -0.006 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Tgt Ion: 106 Resp: 744027
Ion Ratio Lower Upper
106 100
91 206.9 167.8 251.6

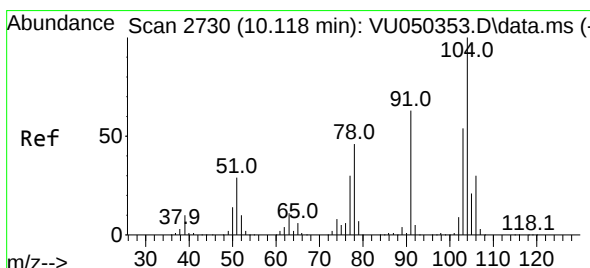
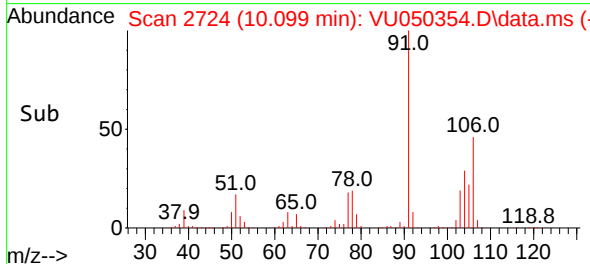
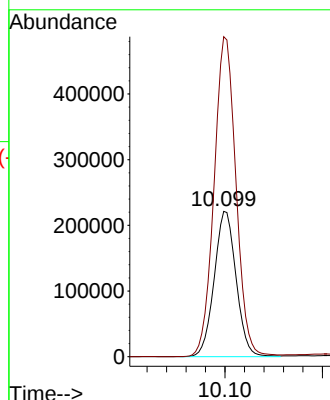
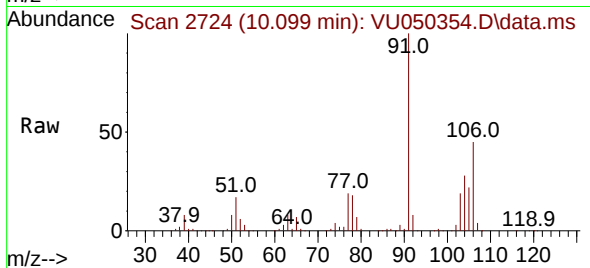




#65
o-Xylene
Concen: 16.866 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.006 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

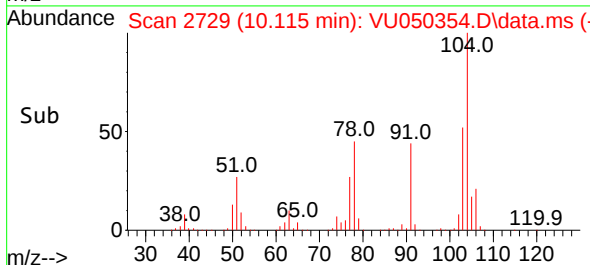
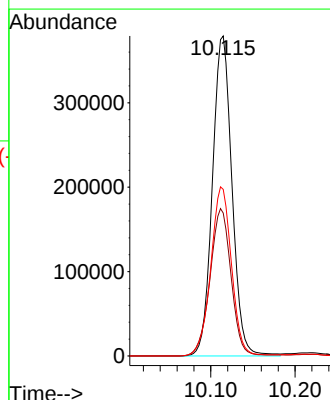
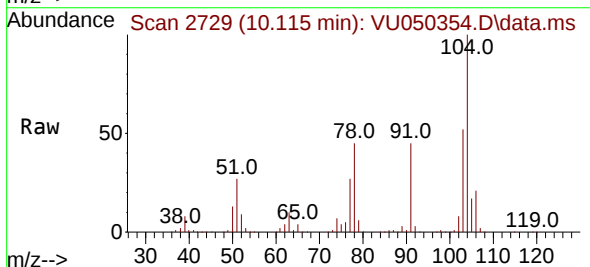
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

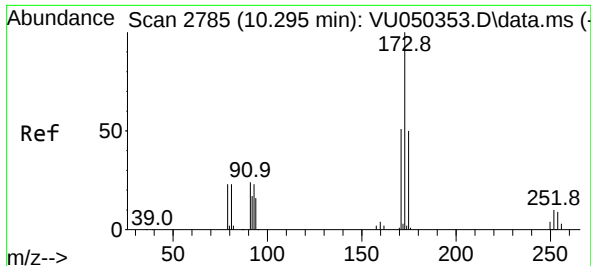
Tgt Ion:106 Resp: 345832
Ion Ratio Lower Upper
106 100
91 220.6 111.1 333.2



#66
Styrene
Concen: 18.563 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Tgt Ion:104 Resp: 611536
Ion Ratio Lower Upper
104 100
78 49.5 42.1 63.1
103 56.0 44.5 66.7

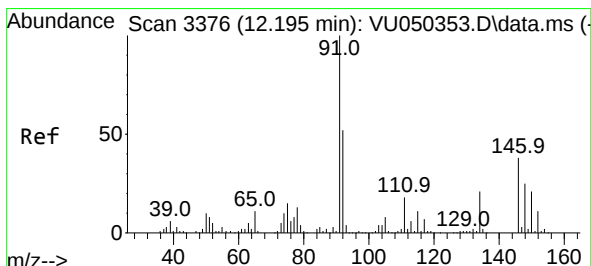
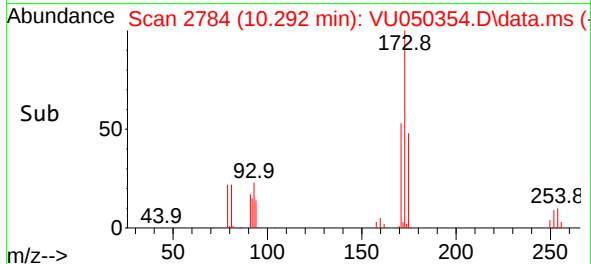
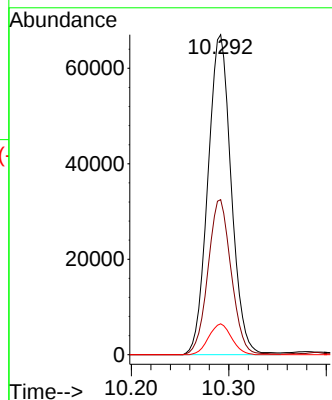
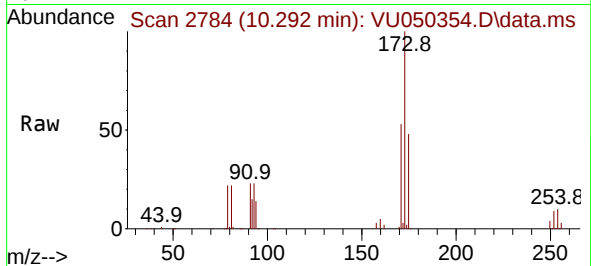




#67
Bromoform
Concen: 19.160 ug/l
RT: 10.292 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

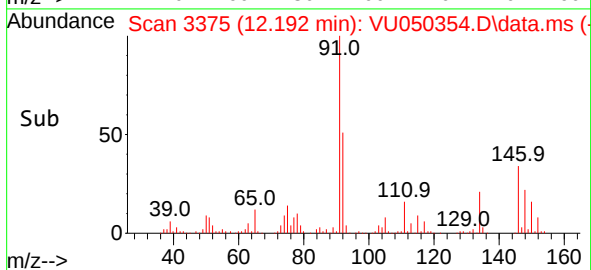
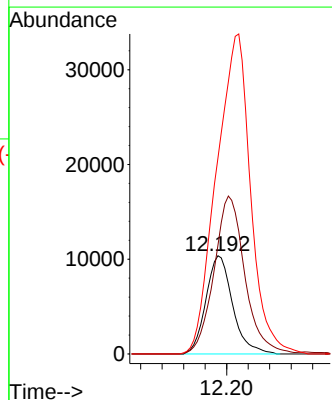
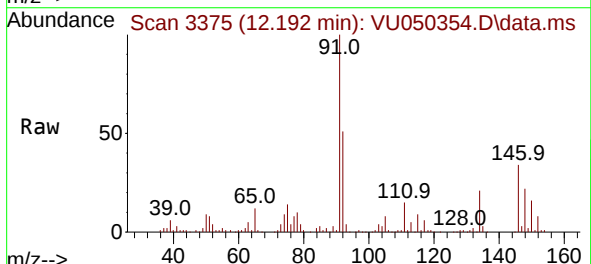
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

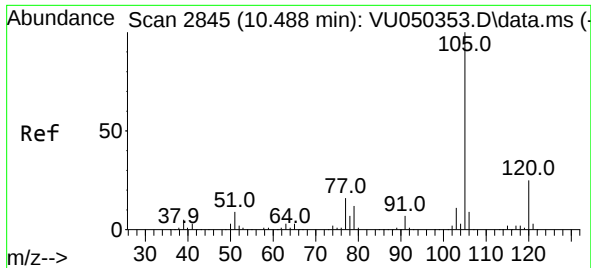
Tgt Ion:173 Resp: 111518
Ion Ratio Lower Upper
173 100
175 48.2 38.4 57.6
254 9.4 7.7 11.5



#68
1,2-Dichlorobenzene-d4
Concen: 1.176 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. -0.003 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Tgt Ion:152 Resp: 17893
Ion Ratio Lower Upper
152 100
115 184.7 0.0 254.6
150 415.3 0.0 623.6

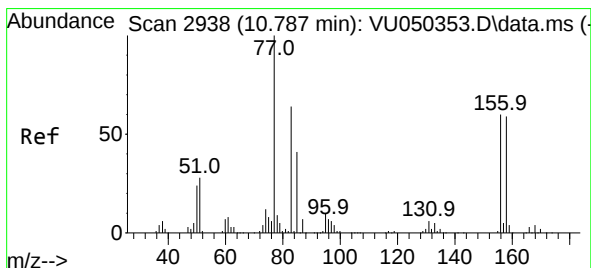
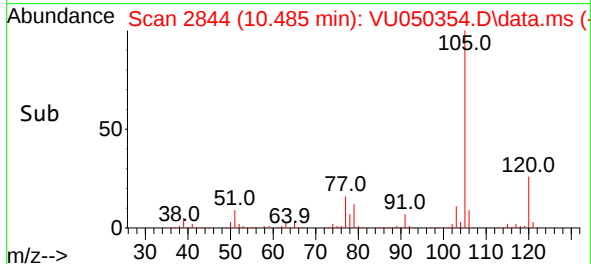
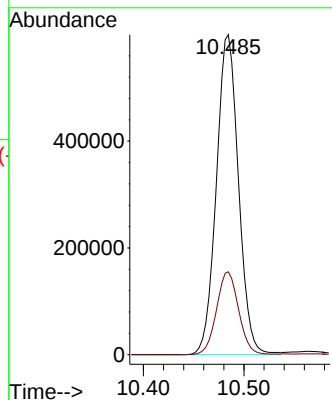
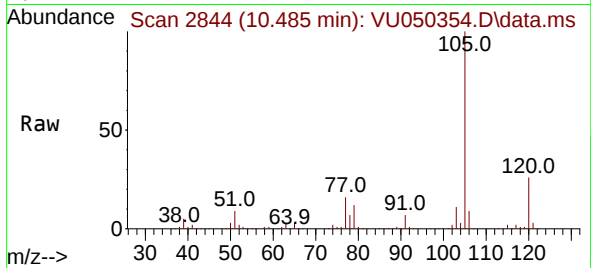




#69
Isopropylbenzene
Concen: 16.722 ug/l
RT: 10.485 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

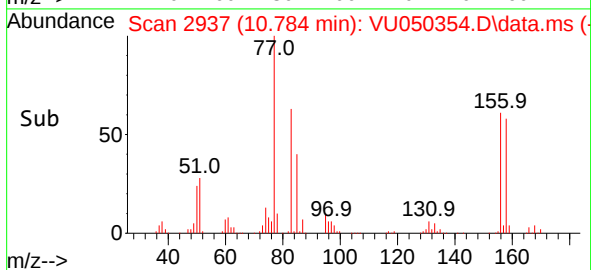
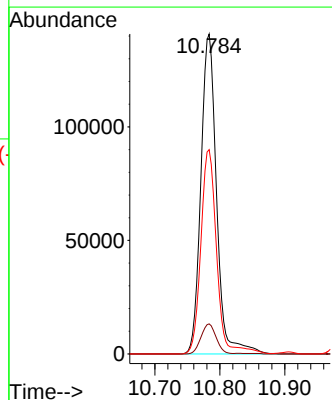
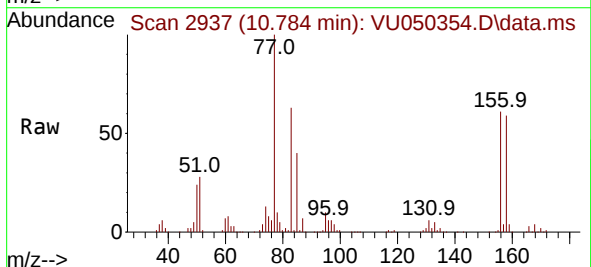
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

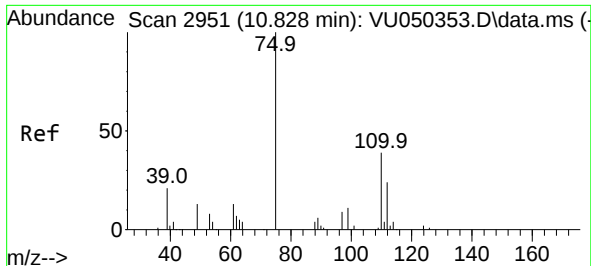
Tgt Ion:105 Resp: 915833
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 20.483 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Tgt Ion: 83 Resp: 237618
Ion Ratio Lower Upper
83 100
131 9.1 7.7 11.5
85 64.2 51.2 76.8



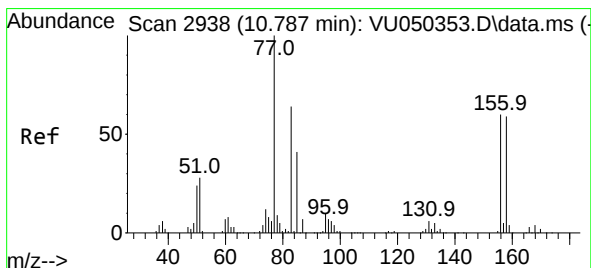
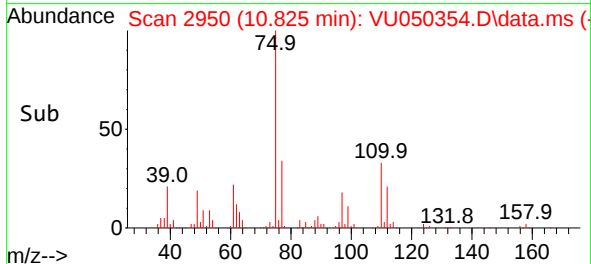
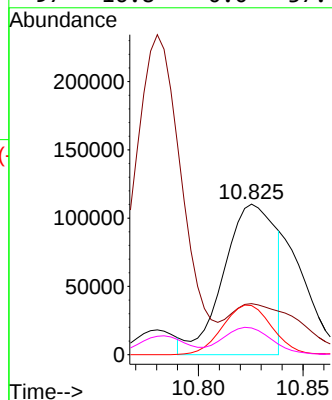
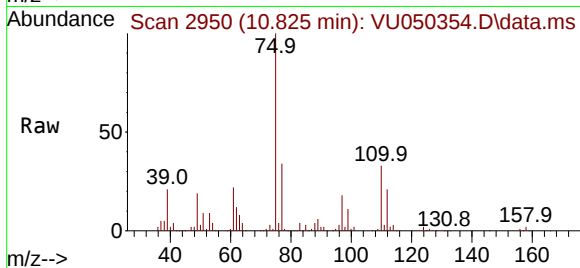


#71
1,2,3-Trichloropropane
Concen: 19.668 ug/l m
RT: 10.825 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 75 Resp: 188895

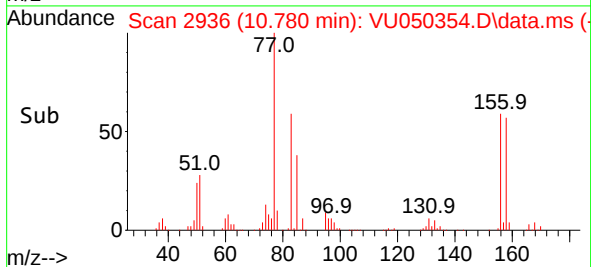
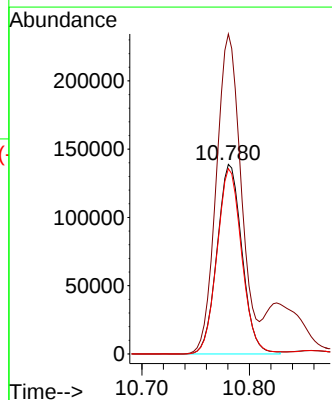
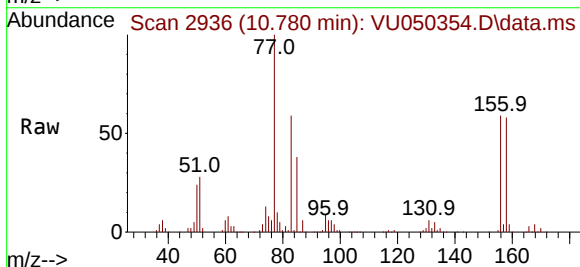
Ion	Ratio	Lower	Upper
75	100		
77	47.2	0.0	112.4
110	31.7	0.0	70.6
97	16.8	0.0	37.4

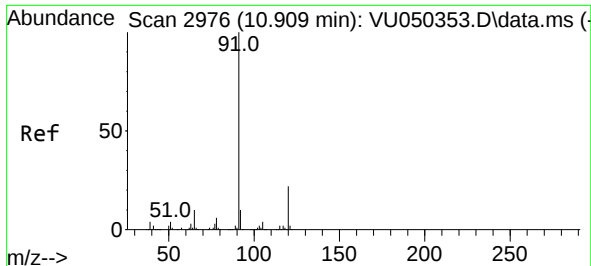


#72
Bromobenzene
Concen: 18.126 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.006 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Tgt Ion: 156 Resp: 223703

Ion	Ratio	Lower	Upper
156	100		
77	167.8	0.0	344.4
158	97.3	0.0	192.2

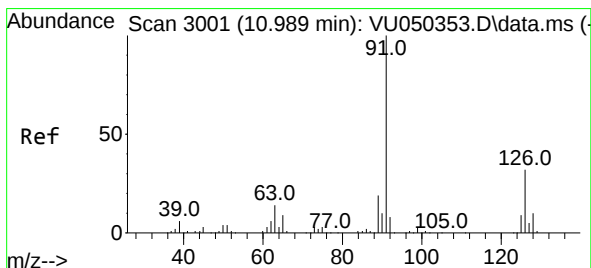
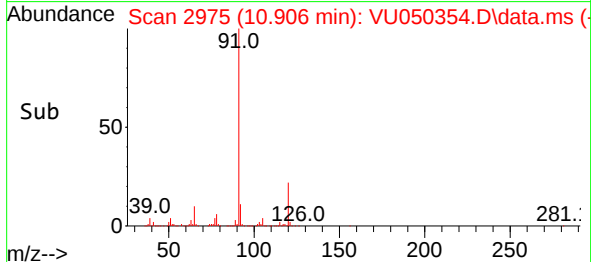
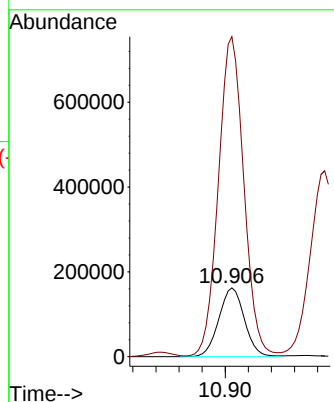
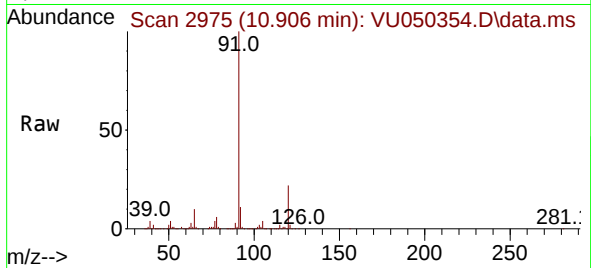




#73
n-propylbenzene
Concen: 18.023 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.003 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

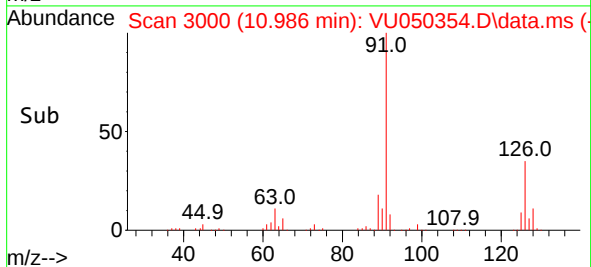
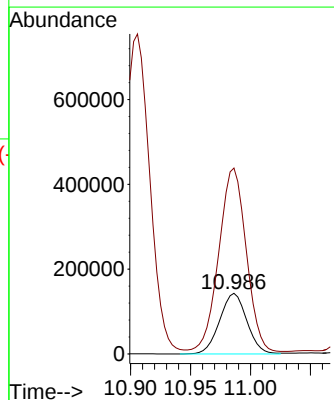
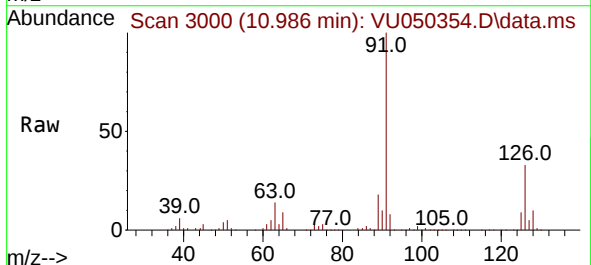
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

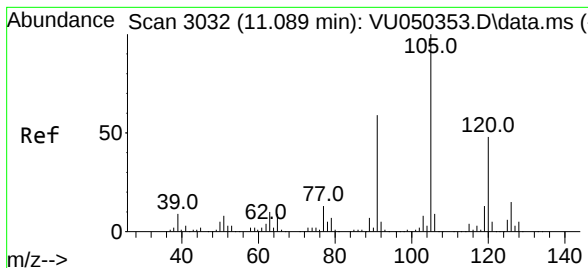
Tgt Ion:120 Resp: 249091
Ion Ratio Lower Upper
120 100
91 460.5 367.8 551.6



#74
2-Chlorotoluene
Concen: 18.309 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.003 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Tgt Ion:126 Resp: 225627
Ion Ratio Lower Upper
126 100
91 305.1 0.0 620.6





#75

1,3,5-Trimethylbenzene

Concen: 17.743 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. -0.003 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

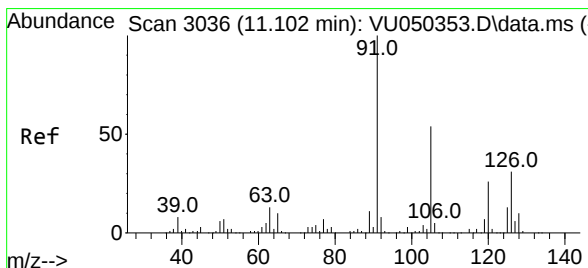
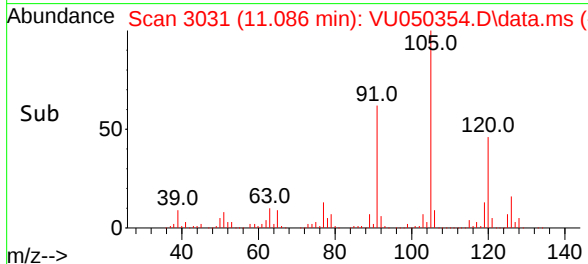
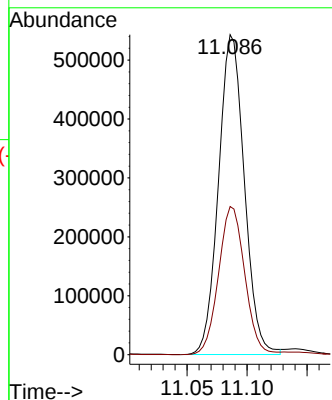
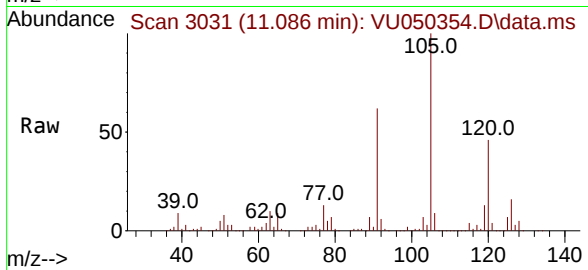
VSTDIC015

Tgt Ion:105 Resp: 812337

Ion Ratio Lower Upper

105 100

120 47.0 37.6 56.4



#76

4-Chlorotoluene

Concen: 18.389 ug/l

RT: 11.095 min Scan# 3034

Delta R.T. -0.006 min

Lab File: VU050354.D

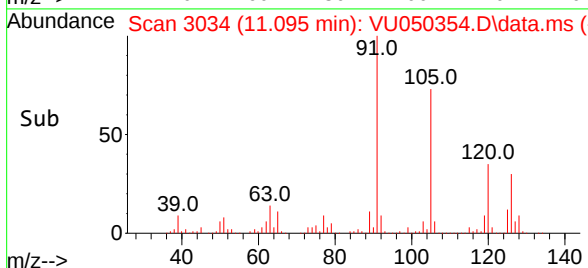
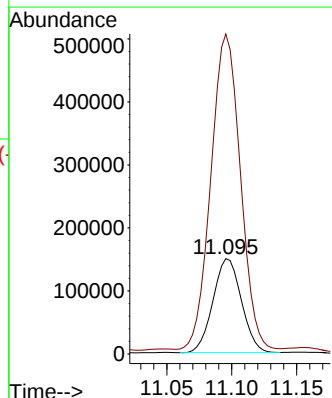
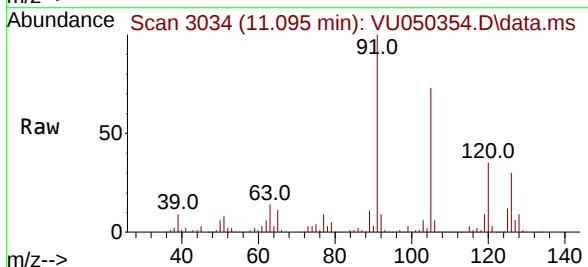
Acq: 17 Aug 2022 11:41

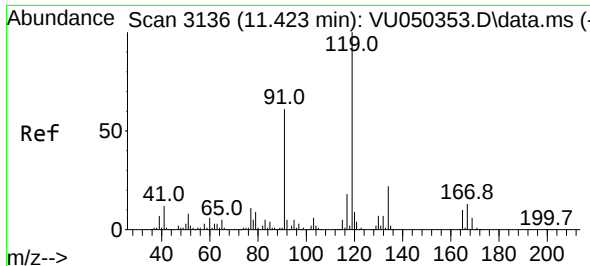
Tgt Ion:126 Resp: 227272

Ion Ratio Lower Upper

126 100

91 346.0 0.0 738.8

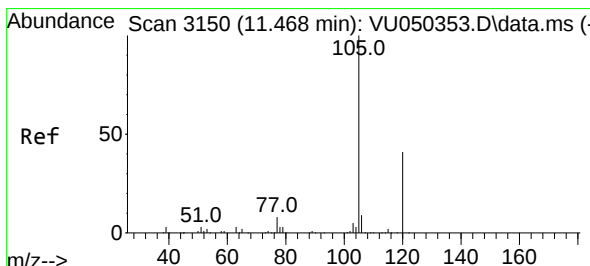
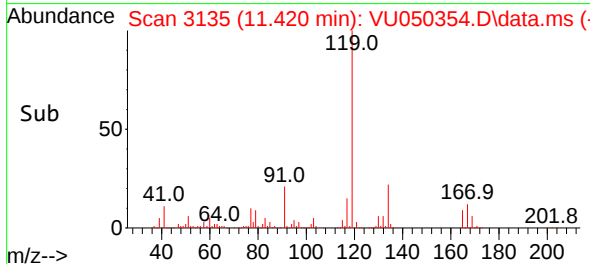
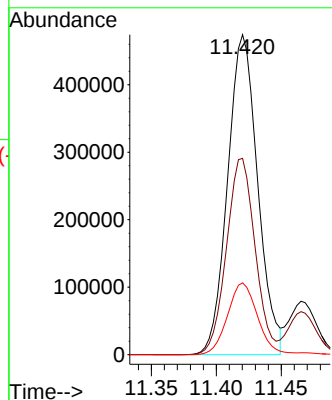
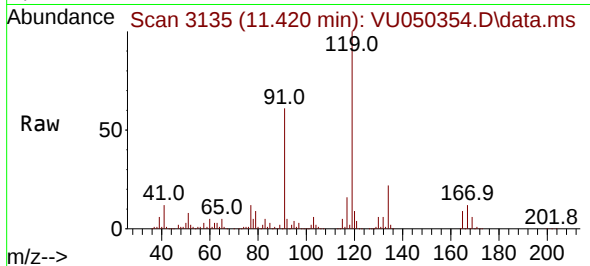




#77
 tert-Butylbenzene
 Concen: 16.966 ug/l
 RT: 11.420 min Scan# 3135
 Delta R.T. -0.003 min
 Lab File: VU050354.D
 Acq: 17 Aug 2022 11:41

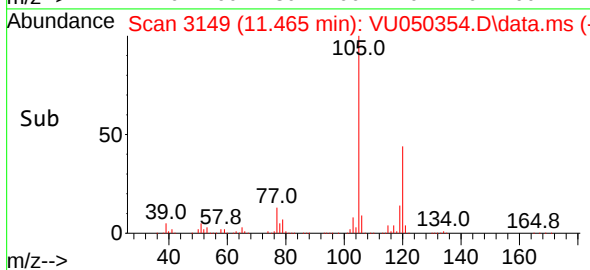
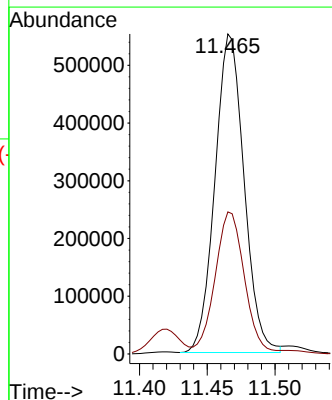
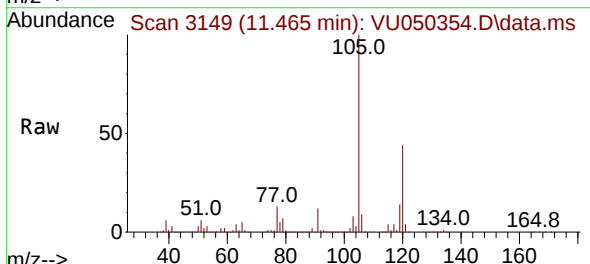
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

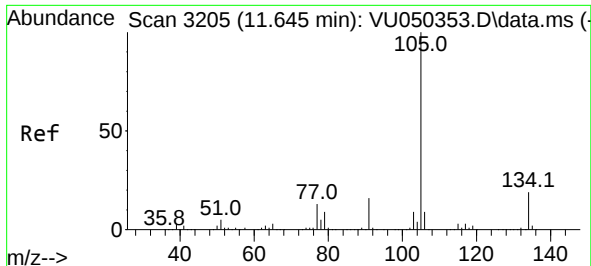
Tgt Ion:119 Resp: 764849
 Ion Ratio Lower Upper
 119 100
 91 58.4 30.4 91.3
 134 22.8 17.8 26.6



#78
 1,2,4-Trimethylbenzene
 Concen: 17.933 ug/l
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU050354.D
 Acq: 17 Aug 2022 11:41

Tgt Ion:105 Resp: 824260
 Ion Ratio Lower Upper
 105 100
 120 45.9 21.6 65.0

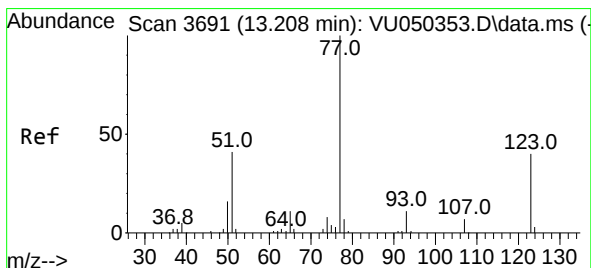
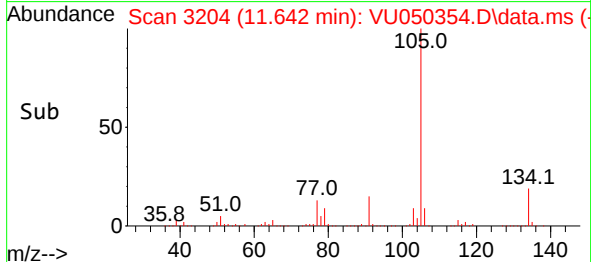
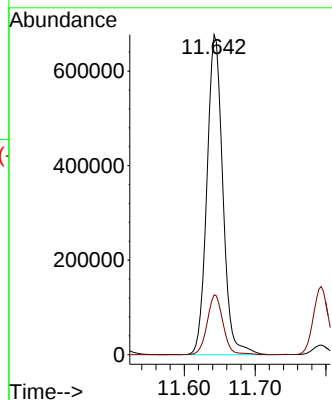
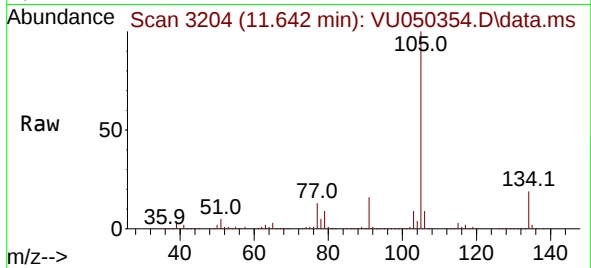




#79
 sec-Butylbenzene
 Concen: 17.783 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU050354.D
 Acq: 17 Aug 2022 11:41

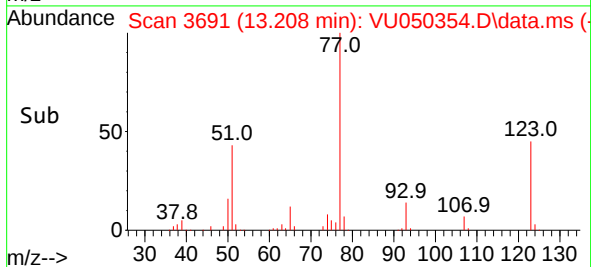
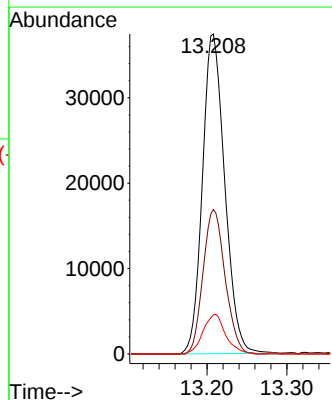
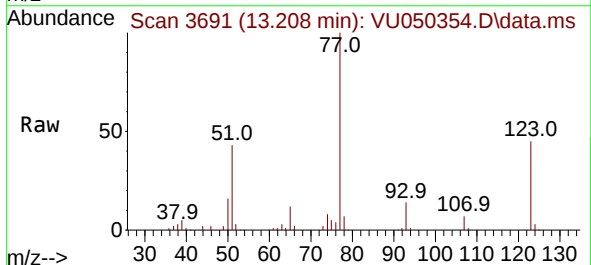
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

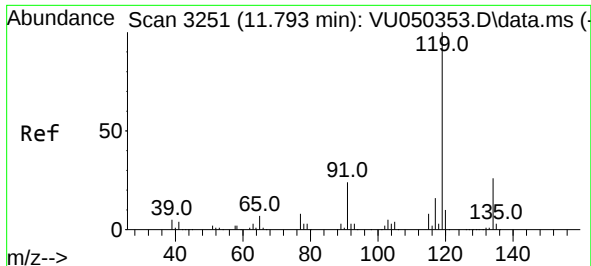
Tgt Ion:105 Resp: 1051523
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.4 23.0



#80
 Nitrobenzene
 Concen: 153.212 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. 0.000 min
 Lab File: VU050354.D
 Acq: 17 Aug 2022 11:41

Tgt Ion: 77 Resp: 72711
 Ion Ratio Lower Upper
 77 100
 123 44.5 18.1 64.3
 65 12.5 10.8 13.8

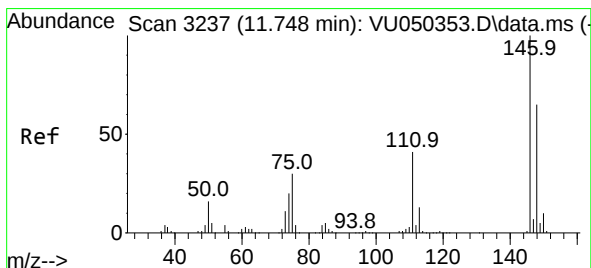
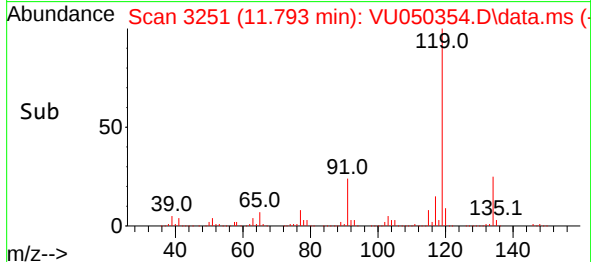
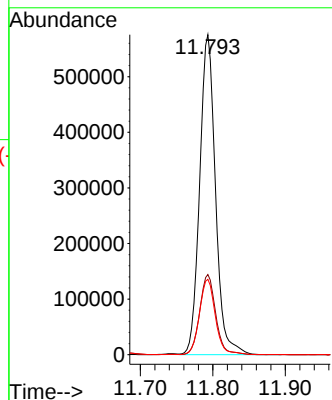
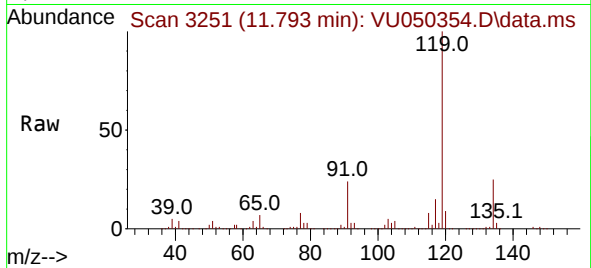




#81
 p-Isopropyltoluene
 Concen: 18.150 ug/l
 RT: 11.793 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU050354.D
 Acq: 17 Aug 2022 11:41

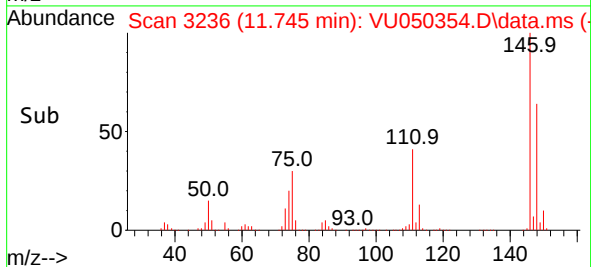
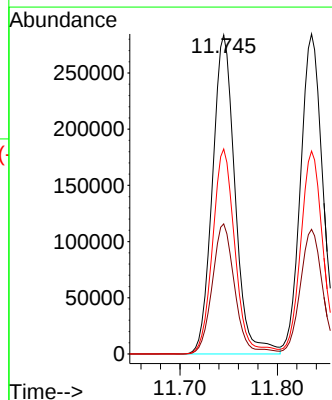
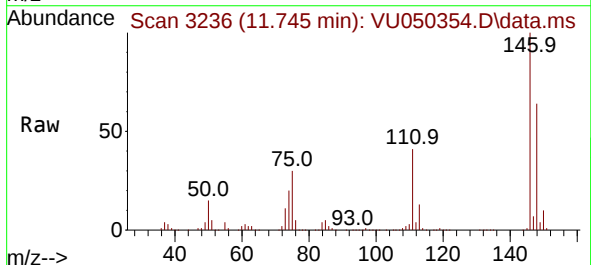
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

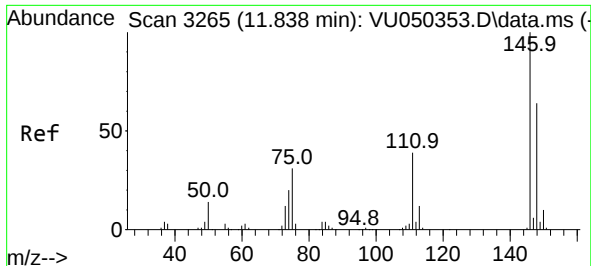
Tgt Ion:119 Resp: 870623
 Ion Ratio Lower Upper
 119 100
 134 25.3 20.5 30.7
 91 23.7 19.8 29.6



#82
 1,3-Dichlorobenzene
 Concen: 19.157 ug/l
 RT: 11.745 min Scan# 3236
 Delta R.T. -0.003 min
 Lab File: VU050354.D
 Acq: 17 Aug 2022 11:41

Tgt Ion:146 Resp: 457346
 Ion Ratio Lower Upper
 146 100
 111 40.7 33.4 50.2
 148 63.8 51.2 76.8

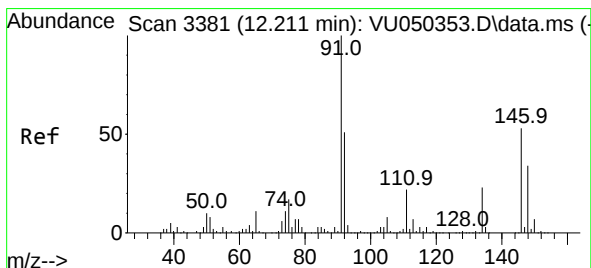
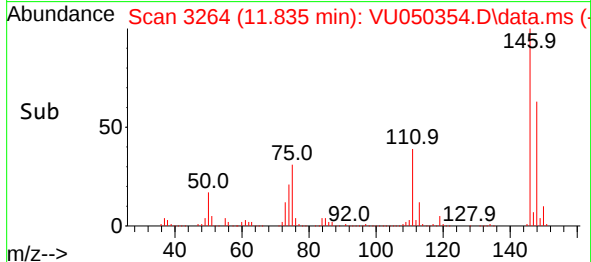
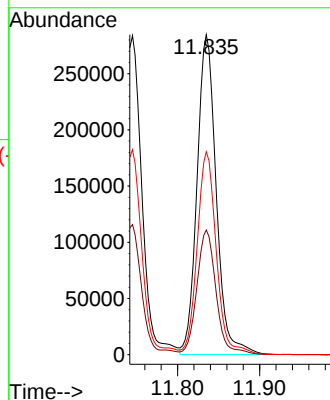
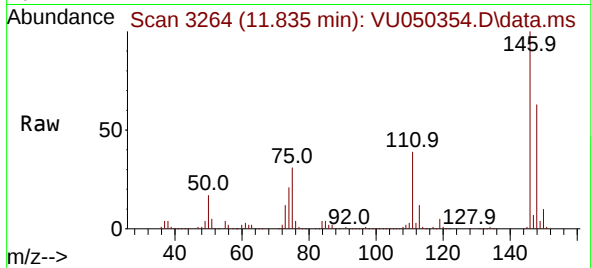




#83
1,4-Dichlorobenzene
Concen: 19.203 ug/l
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

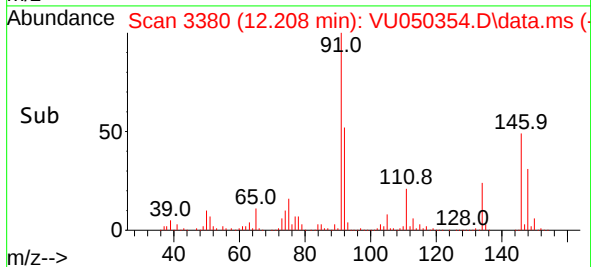
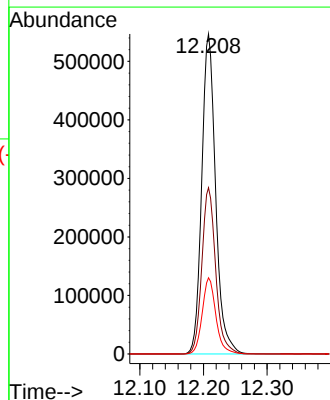
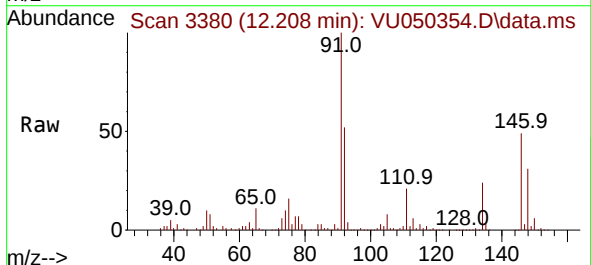
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

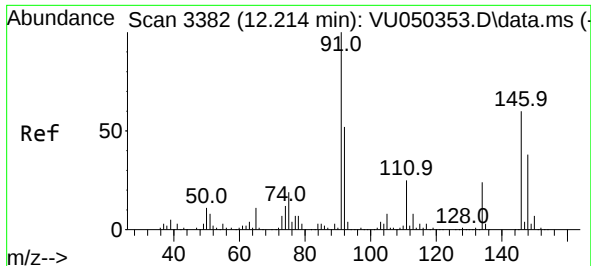
Tgt Ion:146 Resp: 462632
Ion Ratio Lower Upper
146 100
111 39.0 32.6 49.0
148 63.1 51.6 77.4



#84
n-Butylbenzene
Concen: 18.581 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Tgt Ion: 91 Resp: 830065
Ion Ratio Lower Upper
91 100
92 51.7 42.3 63.5
134 23.4 19.6 29.4

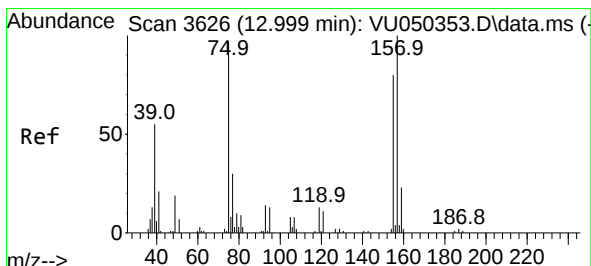
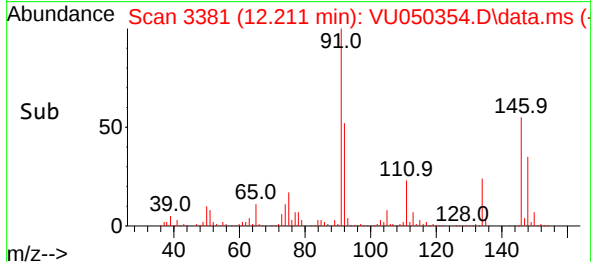
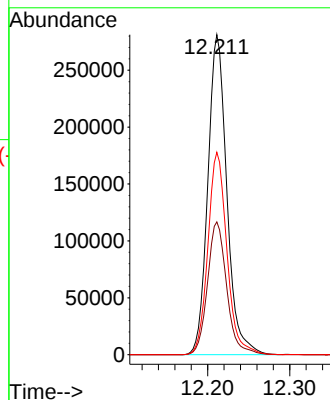
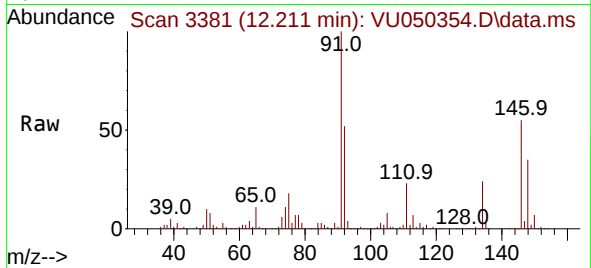




#85
 1,2-Dichlorobenzene
 Concen: 19.591 ug/l
 RT: 12.211 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU050354.D
 Acq: 17 Aug 2022 11:41

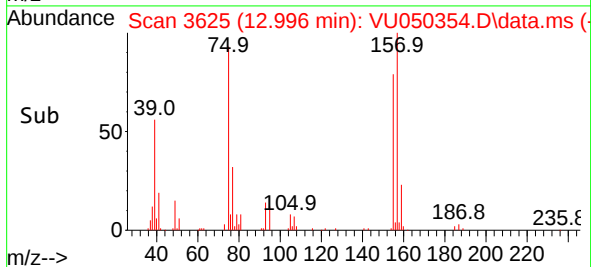
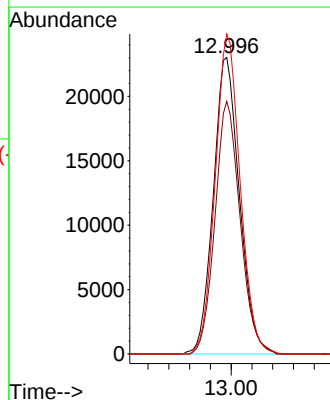
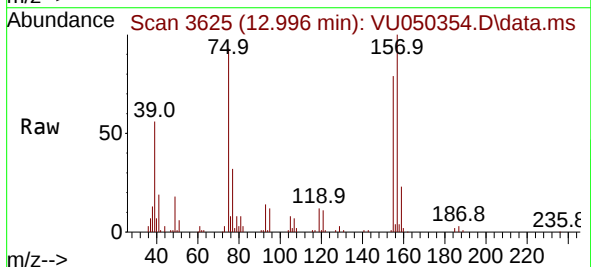
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

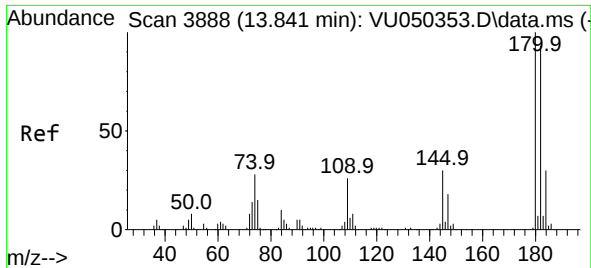
Tgt Ion:146 Resp: 453105
 Ion Ratio Lower Upper
 146 100
 111 42.0 22.1 66.1
 148 63.5 32.1 96.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 19.814 ug/l
 RT: 12.996 min Scan# 3625
 Delta R.T. -0.003 min
 Lab File: VU050354.D
 Acq: 17 Aug 2022 11:41

Tgt Ion: 75 Resp: 40085
 Ion Ratio Lower Upper
 75 100
 155 82.2 66.8 100.2
 157 103.7 83.8 125.8

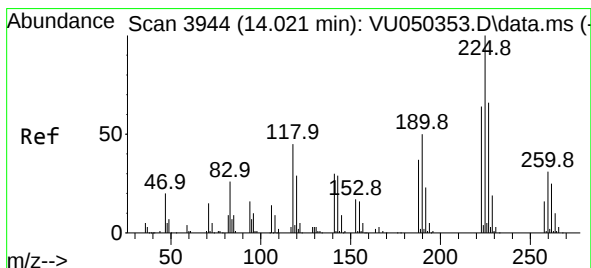
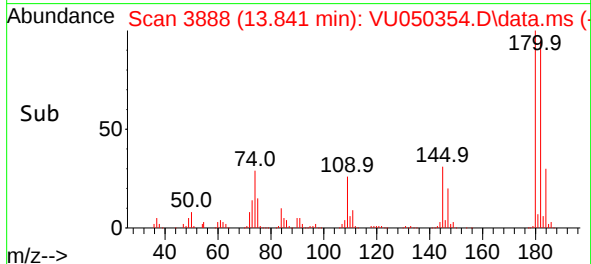
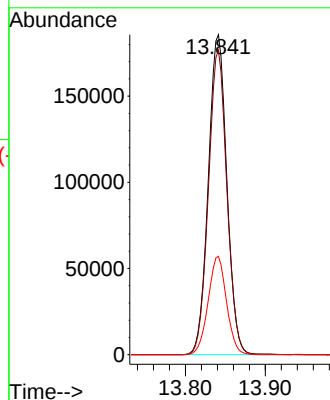
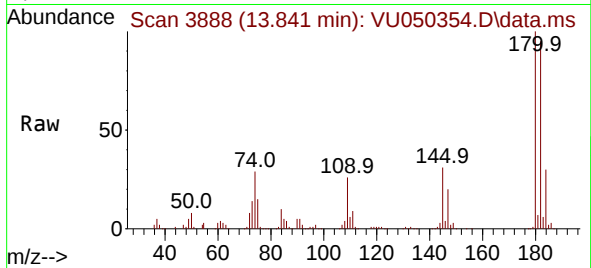




#87
1,2,4-Trichlorobenzene
Concen: 19.208 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

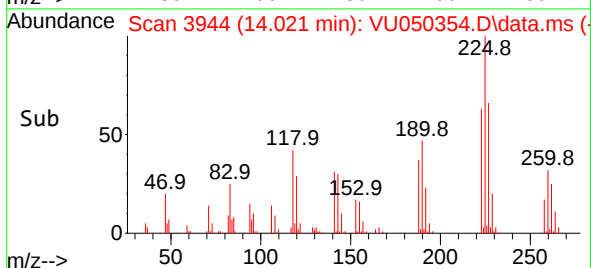
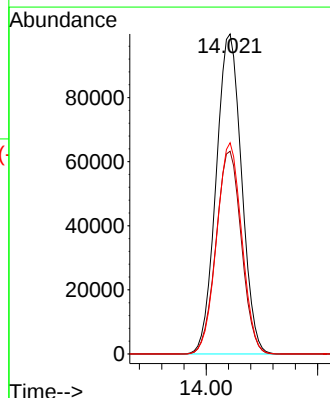
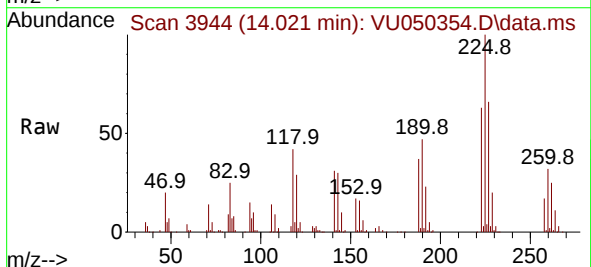
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

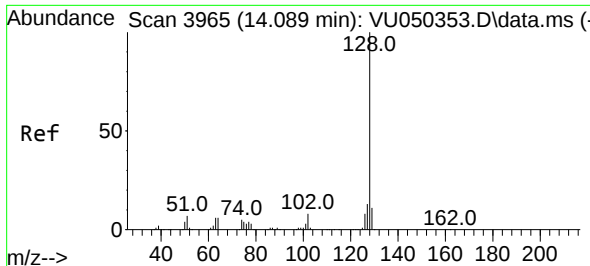
Tgt Ion:180 Resp: 299692
Ion Ratio Lower Upper
180 100
182 94.6 77.0 115.6
145 30.5 25.7 38.5



#88
Hexachlorobutadiene
Concen: 19.901 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Tgt Ion:225 Resp: 158257
Ion Ratio Lower Upper
225 100
223 63.3 50.6 76.0
227 65.2 50.7 76.1

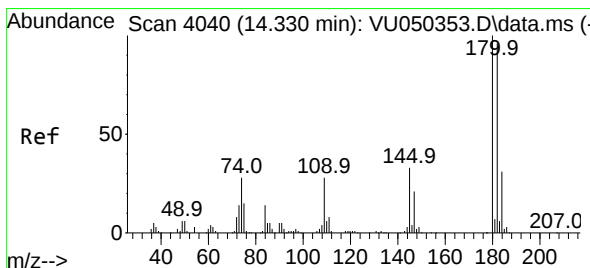
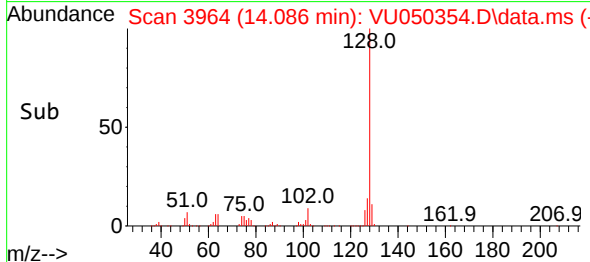
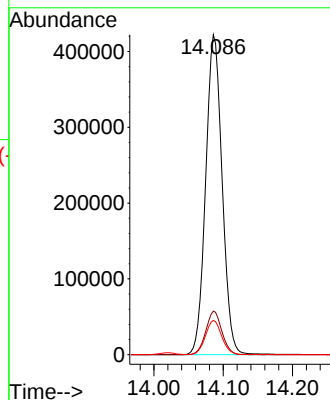
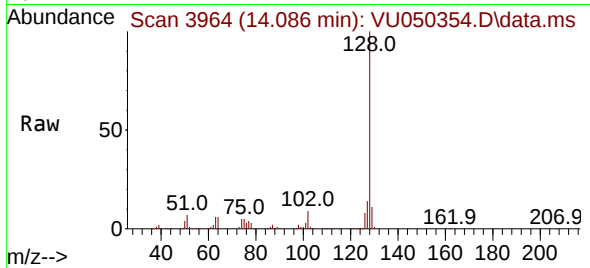




#89
Naphthalene
Concen: 21.268 ug/l
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:128 Resp: 695797
Ion Ratio Lower Upper
128 100
127 13.3 10.1 15.1
129 10.6 8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 20.712 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050354.D
Acq: 17 Aug 2022 11:41

Tgt Ion:180 Resp: 308597
Ion Ratio Lower Upper
180 100
182 96.8 76.6 114.8
145 33.1 27.3 40.9

