

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082522\
 Data File : VU050447.D
 Acq On : 25 Aug 2022 18:22
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Aug 26 06:39:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Aug 25 14:01:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	38455	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	14899	1.138	ug/l	0.00
Spiked Amount 1.000			Recovery	=	114.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	16457	1.063	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	148671	9.335	ug/l	99
3) Chloromethane	1.520	50	179664	9.274	ug/l	100
4) Vinyl Chloride	1.604	62	160520	9.696	ug/l	100
5) Bromomethane	1.848	94	62708	9.257	ug/l	100
6) Chloroethane	1.928	64	100422	10.030	ug/l	97
7) Trichlorofluoromethane	2.137	101	202486	9.802	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	112704	9.755	ug/l	98
9) 1,1-Dichloroethene	2.578	96	110707	9.775	ug/l	98
10) Iodomethane	2.719	142	95560	10.233	ug/l	99
11) Allyl Chloride	2.919	41	177643	10.176	ug/l	97
12) Acrylonitrile	3.314	53	73312	21.582	ug/l	96
13) Acetone	2.626	43	126458	53.230	ug/l	91
14) Carbon Disulfide	2.787	76	311599	8.882	ug/l	99
15) Methylene Chloride	3.041	84	147421	9.620	ug/l	95
16) trans-1,2-Dichloroethene	3.346	96	121967	10.420	ug/l	96
17) 1,1-Dichloroethane	3.864	63	235513	9.660	ug/l	100
18) 2-Butanone	4.716	43	181156	48.482	ug/l	98
19) Cyclohexane	5.385	56	134685	7.613	ug/l	# 82
20) Methylcyclohexane	6.764	83	160200	11.487	ug/l	99
21) 2,2-Dichloropropane	4.661	77	159966	8.633	ug/l	97
22) cis-1,2-Dichloroethene	4.665	96	139160	10.509	ug/l	95
23) Diethyl Ether	2.379	59	103573	10.646	ug/l	98
24) tert-Butyl Alcohol	3.192	59	141723	115.098	ug/l	98
25) Methyl tert-Butyl Ether	3.369	73	325328	10.814	ug/l	95
26) Bromochloromethane	4.973	128	64234	12.089	ug/l	96
27) Chloroform	5.089	83	251187	10.632	ug/l	98
28) 1,1,1-Trichloroethane	5.314	97	192873	9.567	ug/l	98
29) 1,1-Dichloropropene	5.523	75	160920	9.965	ug/l	99
30) Carbon Tetrachloride	5.520	117	157501	9.760	ug/l	99
31) Isopropyl Ether	4.002	45	317308	8.388	ug/l	88
32) Ethyl-t-butyl ether	4.510	59	260190	8.755	ug/l	98
33) Tert-Amyl methyl ether	5.948	73	233737	12.065	ug/l	98
34) Propionitrile	4.780	54	62476	56.606	ug/l	97
35) Benzene	5.774	78	514343	10.835	ug/l	98
36) 1,2-Dichloroethane	5.796	62	160026	11.041	ug/l	99
37) Trichloroethene	6.542	130	122035	10.724	ug/l	98
38) 1,2-Dichloropropane	6.793	63	147752	11.596	ug/l	99
39) Methacrylonitrile	4.980	41	40286	8.896	ug/l	# 88
40) Methyl acrylate	4.854	55	62755	9.097	ug/l	97
41) Tetrahydrofuran	5.063	42	43099	19.007	ug/l	93
42) 1-Chlorobutane	5.459	56	222697	9.684	ug/l	98
43) Dibromomethane	6.919	93	75791	11.034	ug/l	99
44) Bromodichloromethane	7.108	83	184744	11.398	ug/l	97

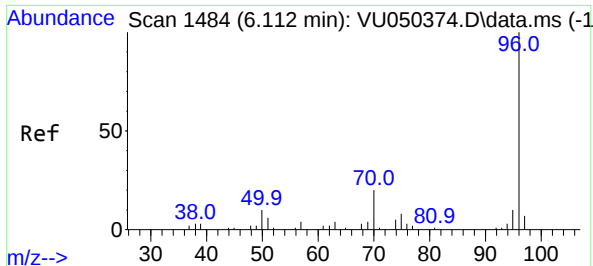
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Aug 25 14:01:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	426157	61.811	ug/l	98
46) t-1,4-Dichloro-2-butene	10.825	75	168602	40.400	ug/l #	49
47) Methyl methacrylate	6.967	69	134645	20.866	ug/l	93
48) Ethyl methacrylate	8.337	69	117921	10.117	ug/l	91
49) Toluene	7.970	92	317484	12.448	ug/l	98
50) t-1,3-Dichloropropene	8.211	75	153707	12.179	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	174613	12.086	ug/l	95
52) 1,1,2-Trichloroethane	8.401	97	113662	11.260	ug/l	98
53) 1,3-Dichloropropane	8.578	76	187940	11.822	ug/l	100
54) 2-Hexanone	8.687	43	295092	61.459	ug/l	99
55) Dibromochloromethane	8.812	129	127928	11.520	ug/l	99
56) 1,2-Dibromoethane	8.925	107	101441	11.188	ug/l	99
58) Tetrachloroethene	8.555	164	110778	10.345	ug/l	98
59) Chlorobenzene	9.449	112	330667	12.014	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	127297	11.004	ug/l	98
61) Pentachloroethane	11.430	117	105163	10.924	ug/l	95
62) Hexachloroethane	12.478	117	95370	11.909	ug/l	100
63) Ethyl Benzene	9.571	91	564684	10.132	ug/l	100
64) m/p-Xylenes	9.697	106	462299	20.863	ug/l	98
65) o-Xylene	10.102	106	215512	10.447	ug/l	96
66) Styrene	10.115	104	384188	10.445	ug/l	98
67) Bromoform	10.291	173	72323	11.468	ug/l	100
69) Isopropylbenzene	10.488	105	543056	9.982	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.783	83	156638	11.275	ug/l	99
71) 1,2,3-Trichloropropane	10.825	75	168602	16.138	ug/l	74
72) Bromobenzene	10.783	156	141275	11.890	ug/l	97
73) n-propylbenzene	10.909	120	152400	10.029	ug/l	98
74) 2-Chlorotoluene	10.986	126	143984	10.448	ug/l	97
75) 1,3,5-Trimethylbenzene	11.089	105	498022	10.224	ug/l	99
76) 4-Chlorotoluene	11.099	126	140464	9.797	ug/l	95
77) tert-Butylbenzene	11.423	119	457935	9.997	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	527588	10.347	ug/l	97
79) sec-Butylbenzene	11.645	105	630506	10.053	ug/l	100
80) Nitrobenzene	13.211	77	32998	43.783	ug/l	96
81) p-Isopropyltoluene	11.796	119	502364	9.819	ug/l	99
82) 1,3-Dichlorobenzene	11.748	146	291091	11.897	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	294772	12.119	ug/l	98
84) n-Butylbenzene	12.211	91	413178	8.885	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	288814	12.008	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.999	75	23514	10.726	ug/l	93
87) 1,2,4-Trichlorobenzene	13.841	180	148809	10.844	ug/l	99
88) Hexachlorobutadiene	14.024	225	90733	10.159	ug/l	100
89) Naphthalene	14.092	128	288644	7.972	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	157471	8.937	ug/l	99

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



Fluorobenzene

Concen: 1.000 ug/l

RT: 6.115 min Scan# 14

Delta R.T. -0.000 min

Lab File: VU050447.D

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Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 96 Resp: 38455

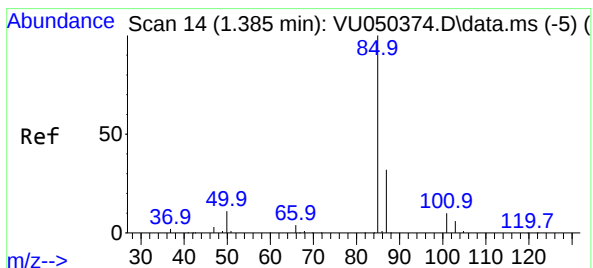
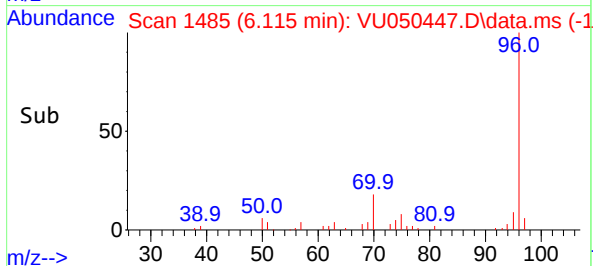
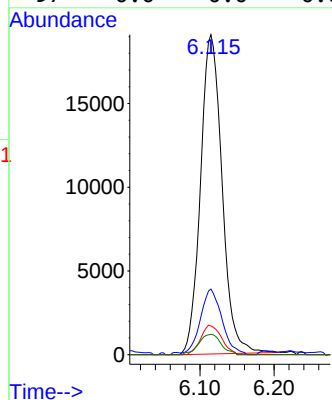
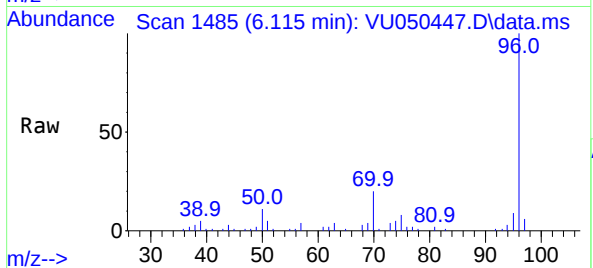
Ion Ratio Lower Upper

96 100

70 19.9 16.7 25.1

95 8.9 7.4 11.0

97 0.0 0.0 0.0



Dichlorodifluoromethane

Concen: 9.335 ug/l

RT: 1.385 min Scan# 14

Delta R.T. 0.000 min

Lab File: VU050447.D

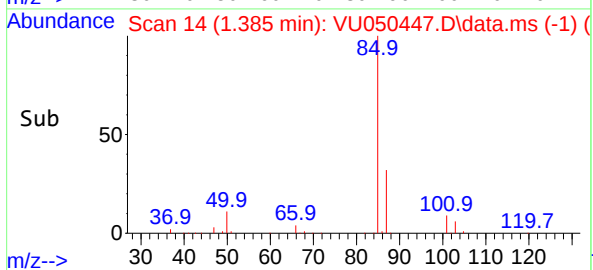
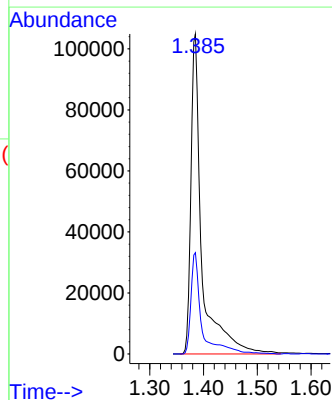
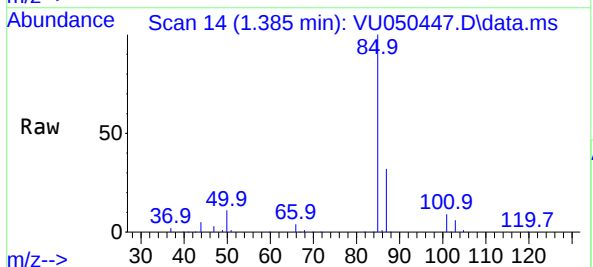
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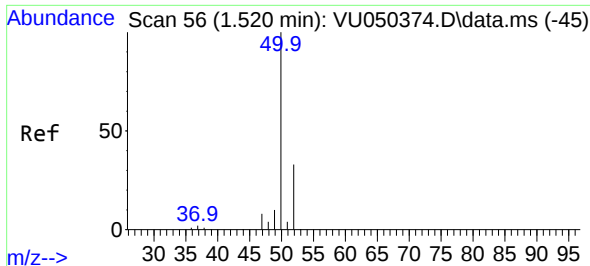
Tgt Ion: 85 Resp: 148671

Ion Ratio Lower Upper

85 100

87 31.7 16.3 48.8

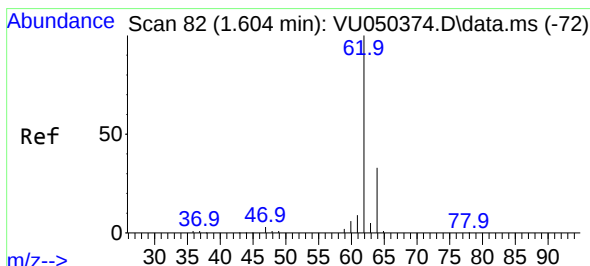
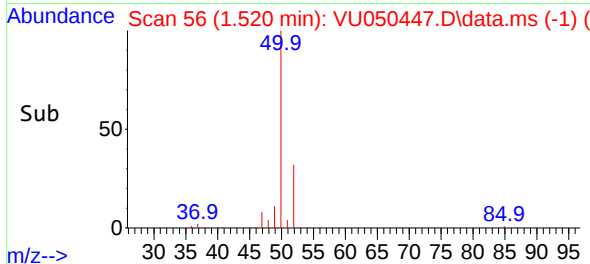
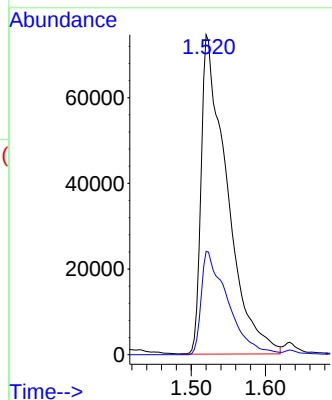
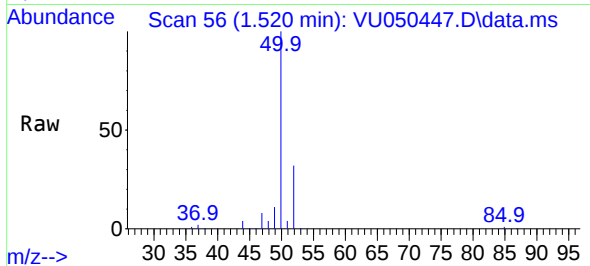




#3
Chloromethane
Concen: 9.274 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

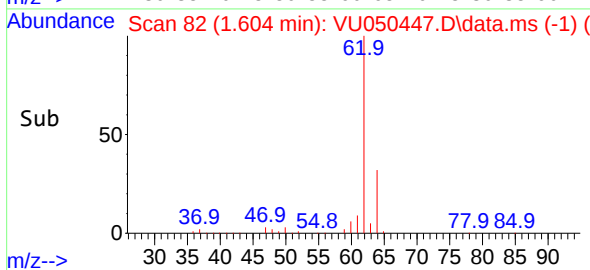
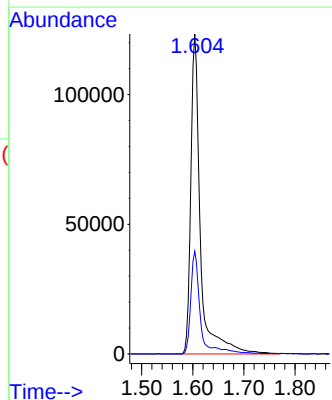
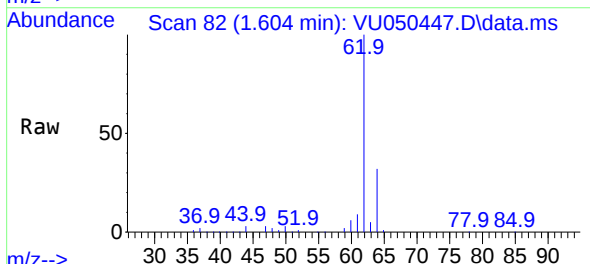
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

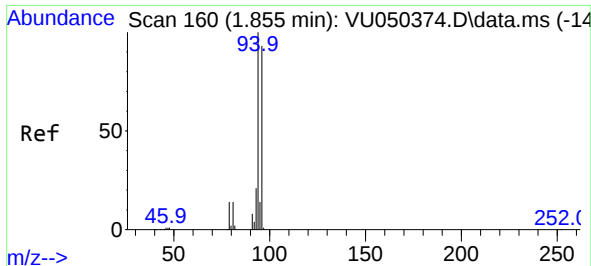
Tgt Ion: 50 Resp: 179664
Ion Ratio Lower Upper
50 100
52 32.4 26.1 39.1



#4
Vinyl Chloride
Concen: 9.696 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 62 Resp: 160520
Ion Ratio Lower Upper
62 100
64 32.1 25.5 38.3

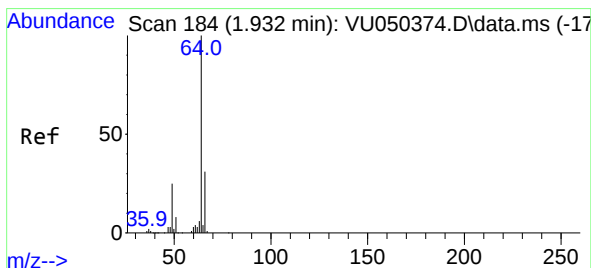
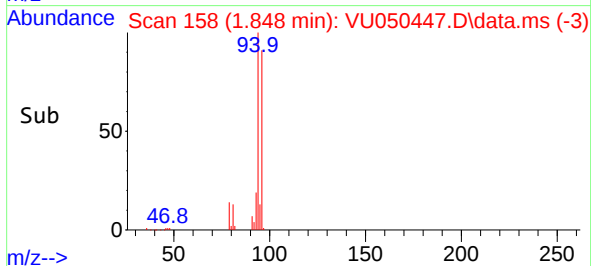
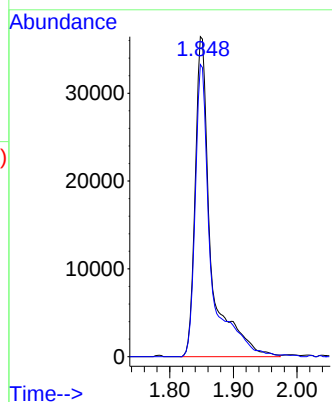
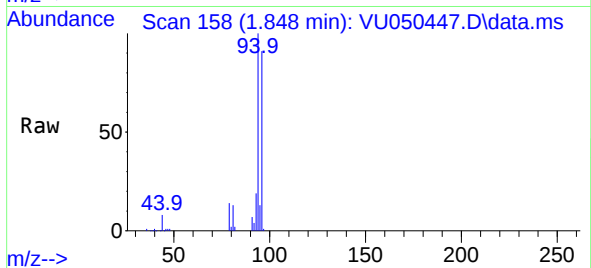




#5
Bromomethane
Concen: 9.257 ug/l
RT: 1.848 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

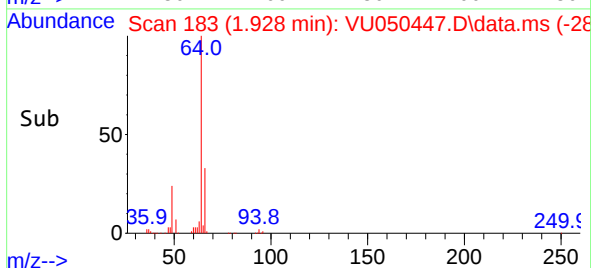
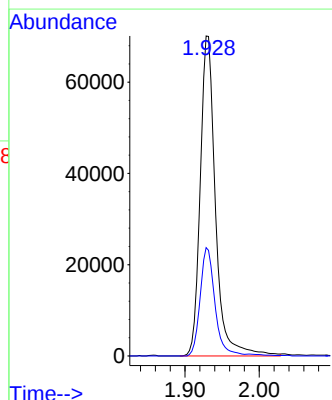
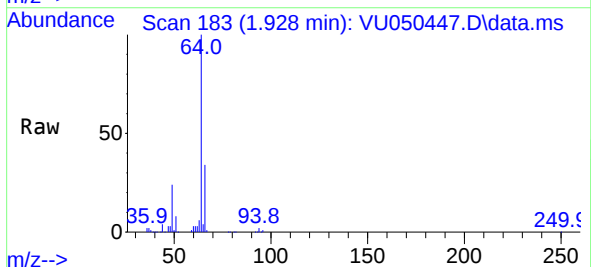
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ClientSampleId :
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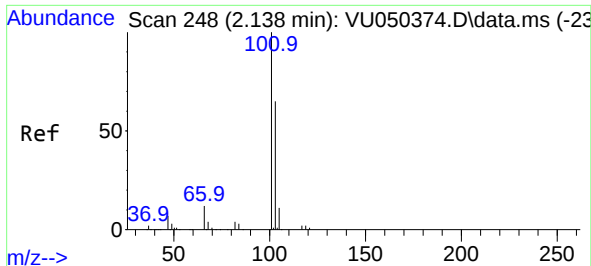
Tgt Ion: 94 Resp: 62708
Ion Ratio Lower Upper
94 100
96 91.3 73.0 109.6



#6
Chloroethane
Concen: 10.030 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 64 Resp: 100422
Ion Ratio Lower Upper
64 100
66 33.8 25.8 38.6

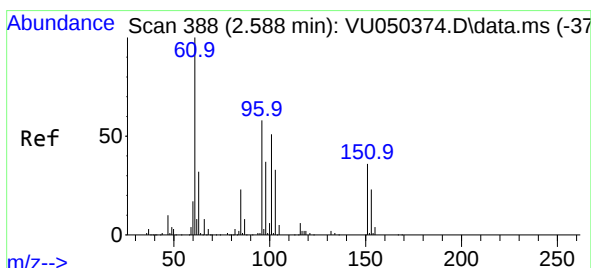
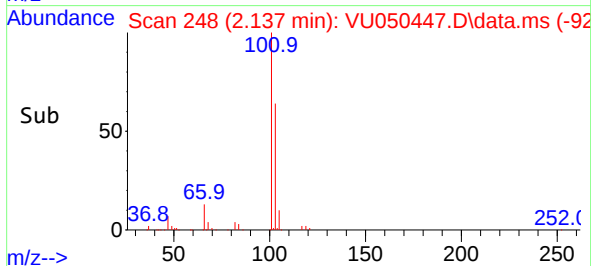
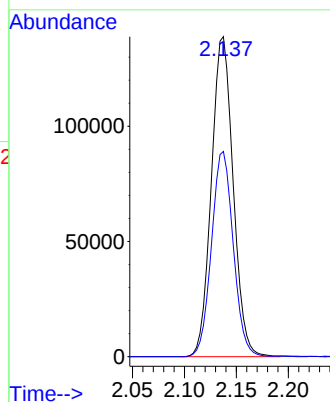
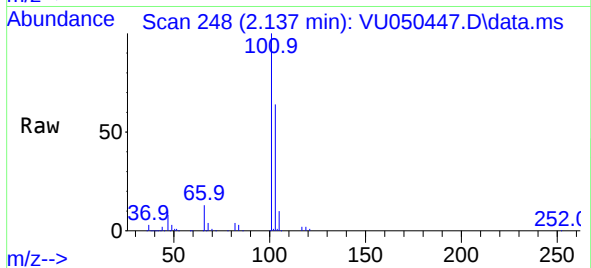




#7
 Trichlorofluoromethane
 Concen: 9.802 ug/l
 RT: 2.137 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: VU050447.D
 Acq: 25 Aug 2022 18:22

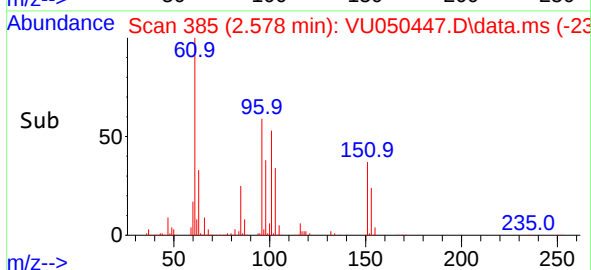
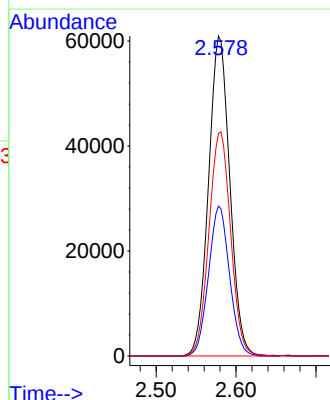
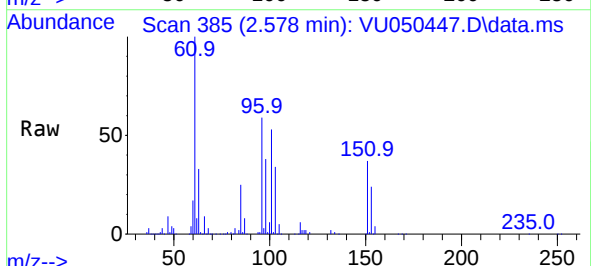
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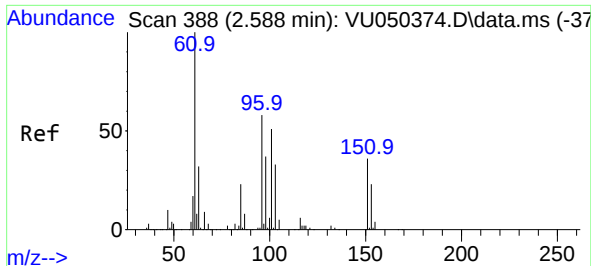
Tgt Ion:101 Resp: 202486
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.8 77.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.755 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU050447.D
 Acq: 25 Aug 2022 18:22

Tgt Ion:101 Resp: 112704
 Ion Ratio Lower Upper
 101 100
 85 46.2 36.4 54.6
 151 71.5 59.1 88.7

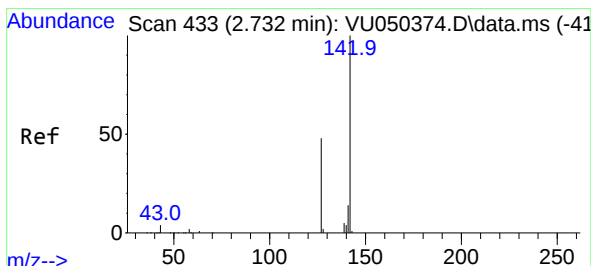
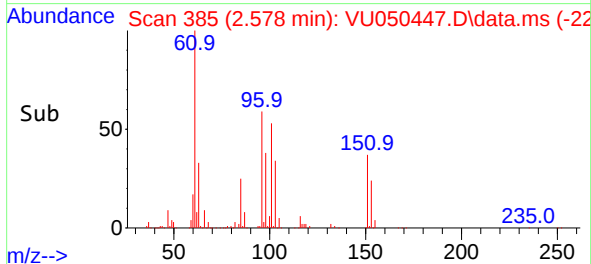
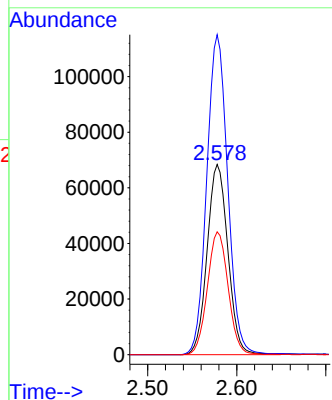
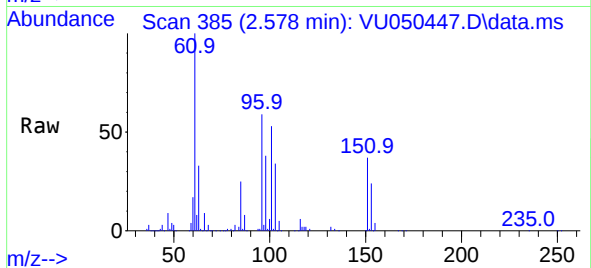




#9
1,1-Dichloroethene
Concen: 9.775 ug/l
RT: 2.578 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

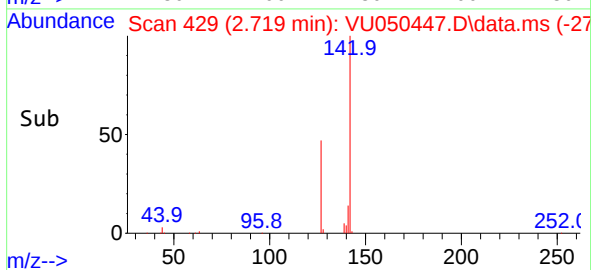
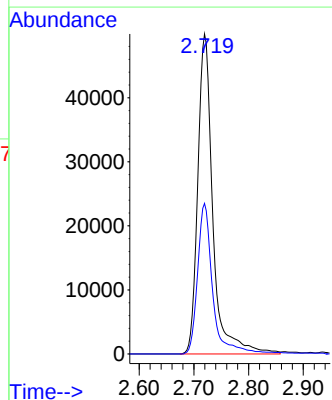
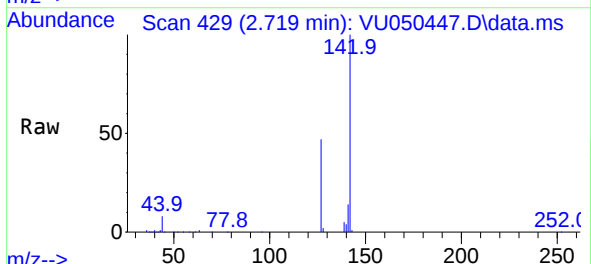
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ClientSampleId :
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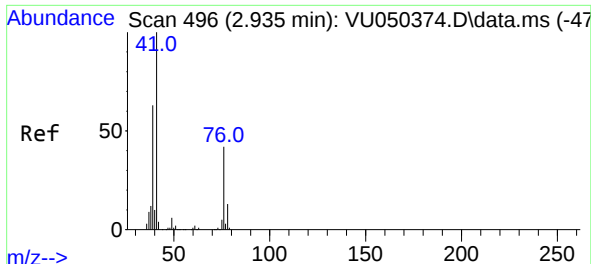
Tgt Ion: 96 Resp: 110707
Ion Ratio Lower Upper
96 100
61 168.2 0.0 510.6
98 64.6 0.0 124.6



#10
Iodomethane
Concen: 10.233 ug/l
RT: 2.719 min Scan# 429
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 142 Resp: 95560
Ion Ratio Lower Upper
142 100
127 46.9 38.2 57.2





#11

Allyl Chloride

Concen: 10.176 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.003 min

Lab File: VU050447.D

Acq: 25 Aug 2022 18:22

Instrument :

MSVOA_U

ClientSampleId :

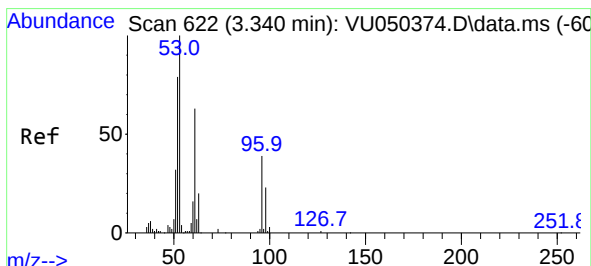
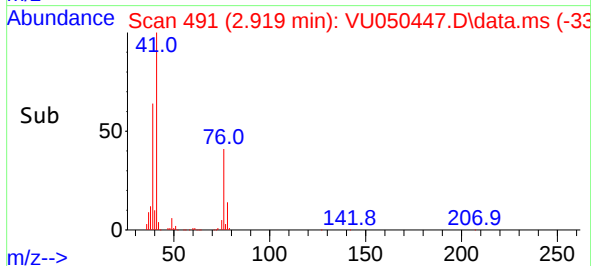
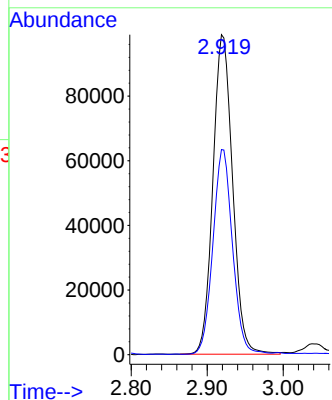
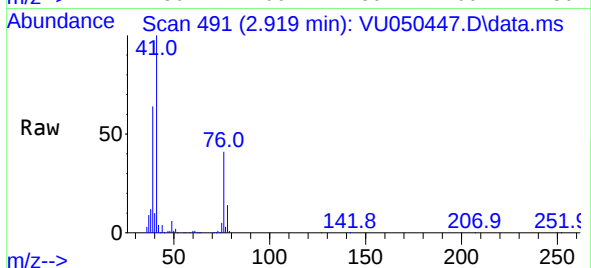
VSTDCCC010EC

Tgt Ion: 41 Resp: 177643

Ion Ratio Lower Upper

41 100

39 63.8 53.2 79.8



#12

Acrylonitrile

Concen: 21.582 ug/l

RT: 3.314 min Scan# 614

Delta R.T. -0.003 min

Lab File: VU050447.D

Acq: 25 Aug 2022 18:22

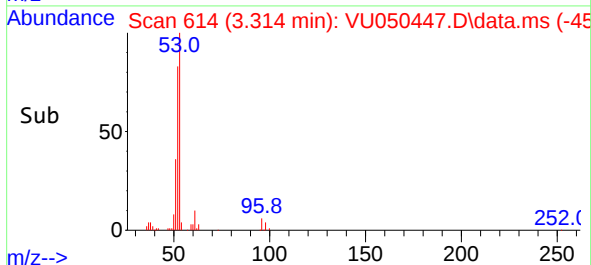
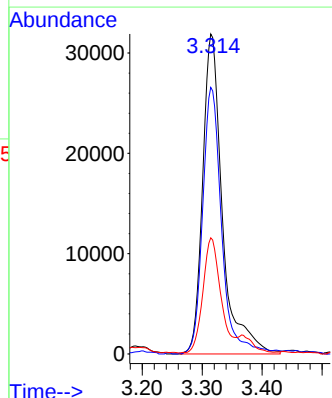
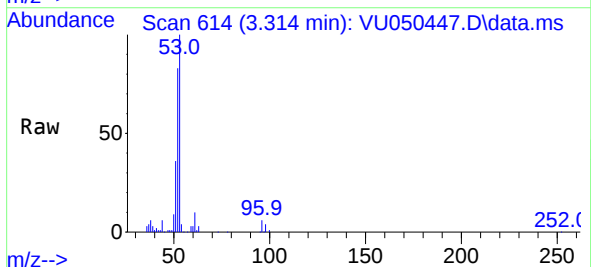
Tgt Ion: 53 Resp: 73312

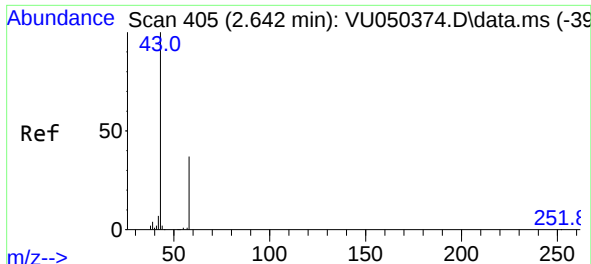
Ion Ratio Lower Upper

53 100

52 79.7 64.6 97.0

51 32.6 30.7 46.1

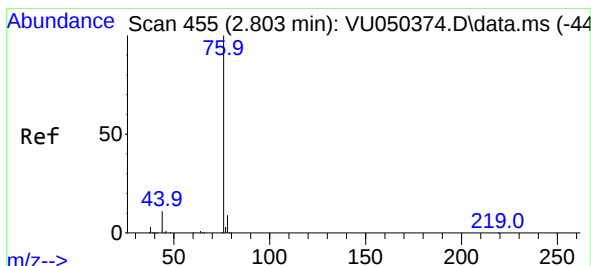
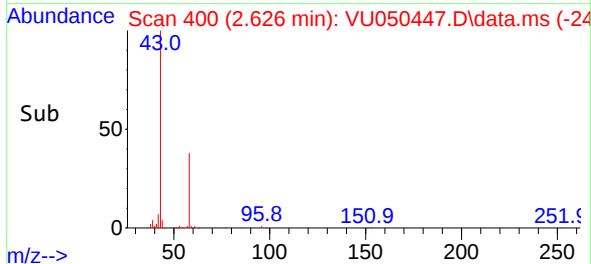
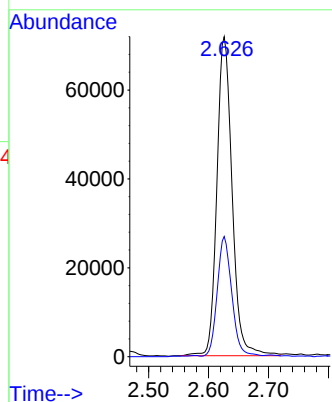
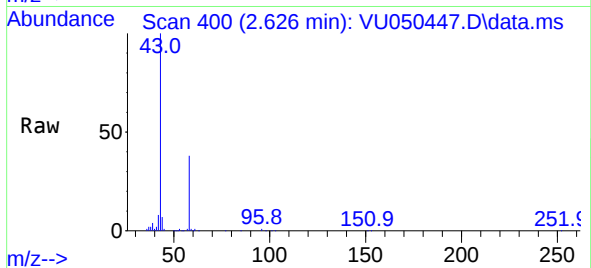




#13
Acetone
Concen: 53.230 ug/l
RT: 2.626 min Scan# 405
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

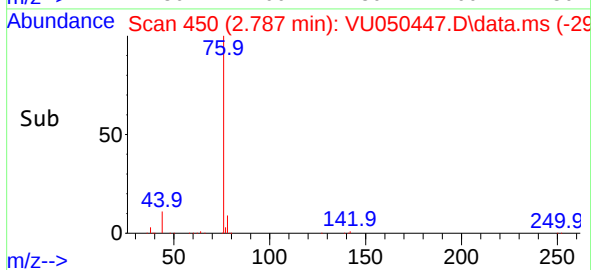
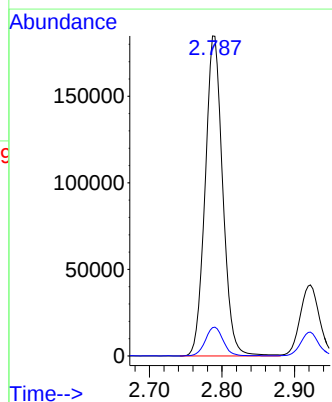
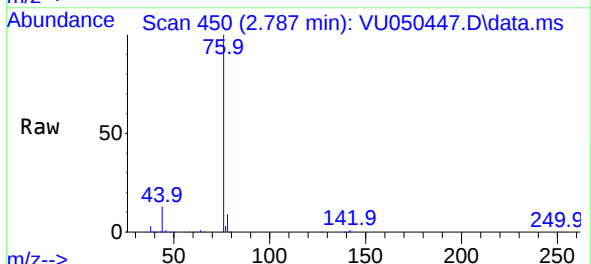
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

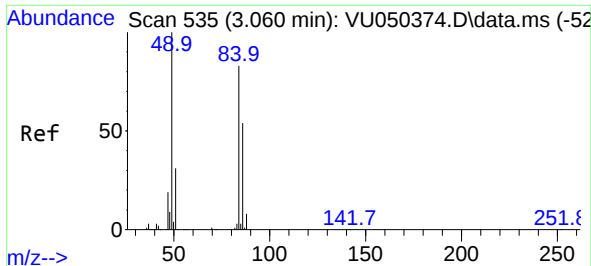
Tgt Ion: 43 Resp: 126458
Ion Ratio Lower Upper
43 100
58 37.5 26.2 39.2



#14
Carbon Disulfide
Concen: 8.882 ug/l
RT: 2.787 min Scan# 450
Delta R.T. -0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 76 Resp: 311599
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

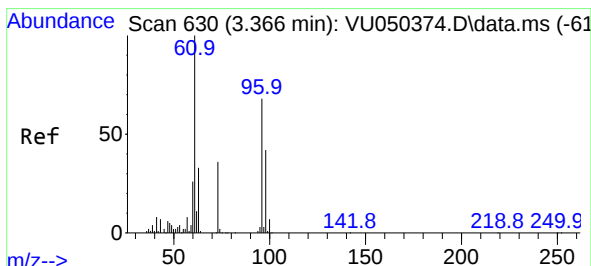
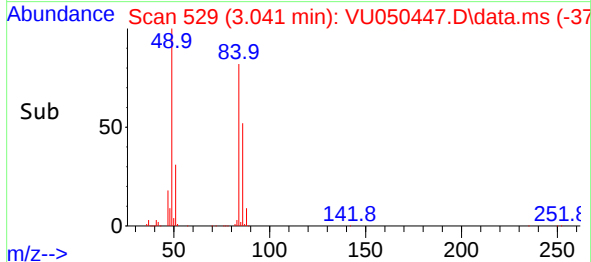
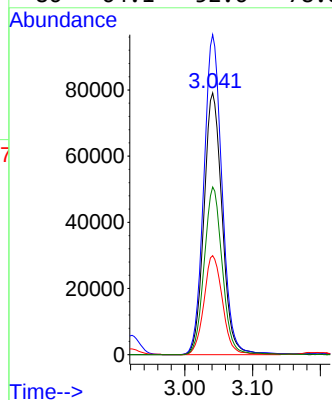
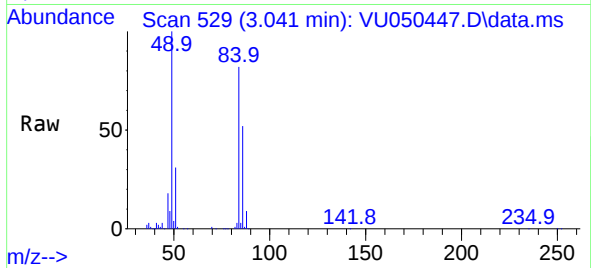




#15
Methylene Chloride
Concen: 9.620 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

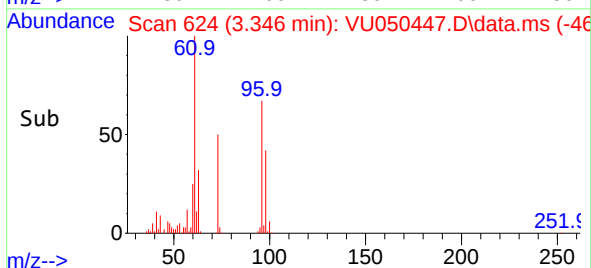
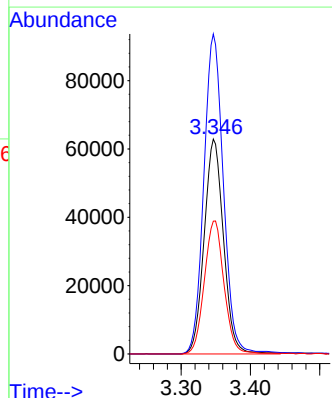
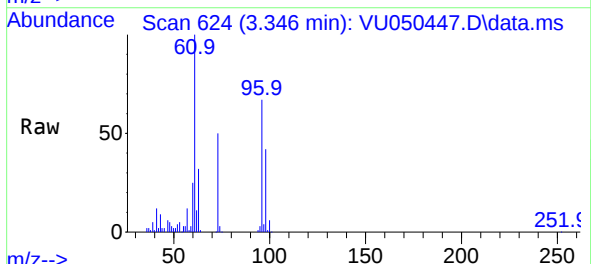
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

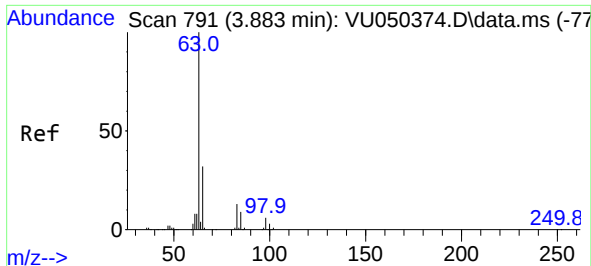
Tgt Ion: 84 Resp: 147421
Ion Ratio Lower Upper
84 100
49 122.2 104.6 157.0
51 37.8 0.0 81.4
86 64.1 52.6 78.8



#16
trans-1,2-Dichloroethene
Concen: 10.420 ug/l
RT: 3.346 min Scan# 624
Delta R.T. -0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 96 Resp: 121967
Ion Ratio Lower Upper
96 100
61 149.0 123.4 185.0
98 61.8 51.6 77.4

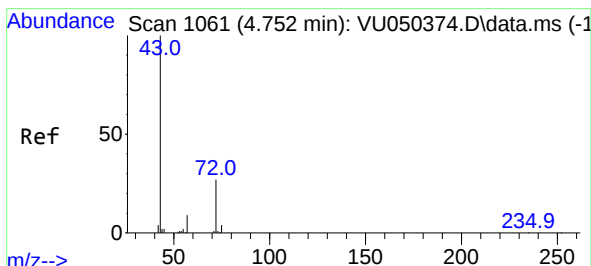
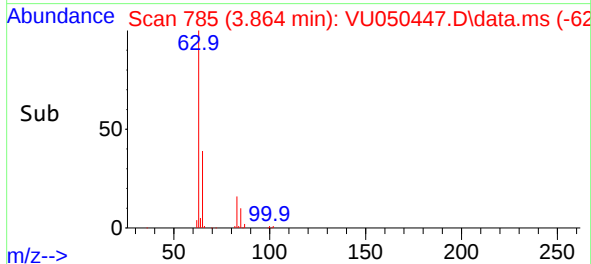
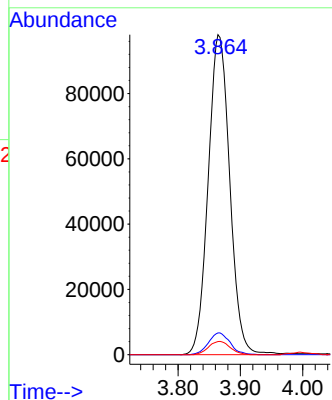
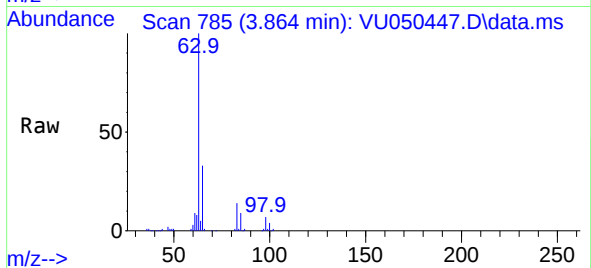




#17
1,1-Dichloroethane
Concen: 9.660 ug/l
RT: 3.864 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

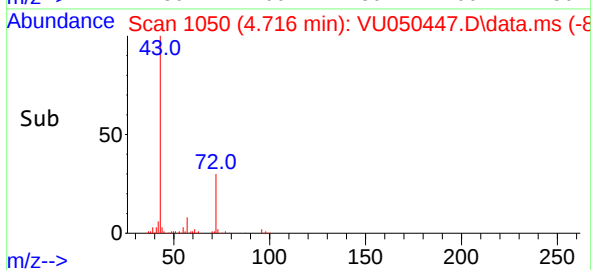
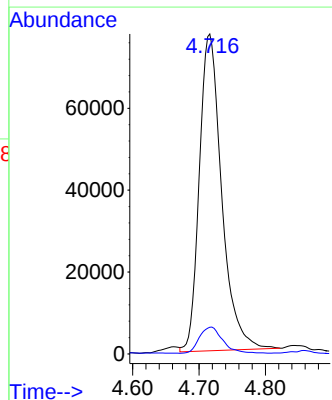
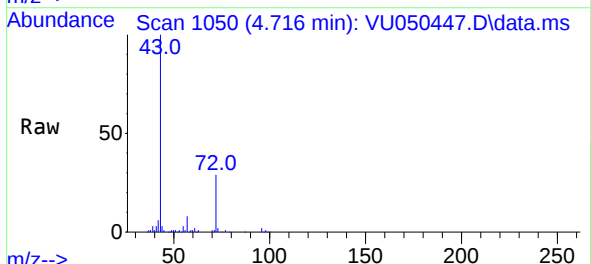
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

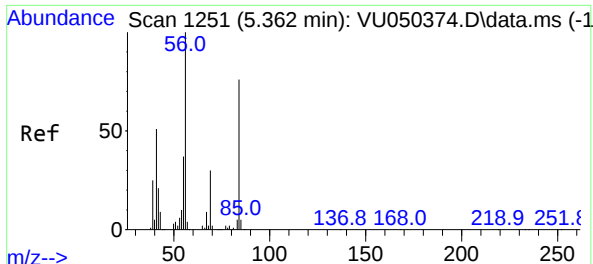
Tgt Ion: 63 Resp: 235513
Ion Ratio Lower Upper
63 100
98 6.8 3.4 10.2
100 4.1 2.0 6.0



#18
2-Butanone
Concen: 48.482 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. -0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 43 Resp: 181156
Ion Ratio Lower Upper
43 100
57 8.3 0.0 18.0

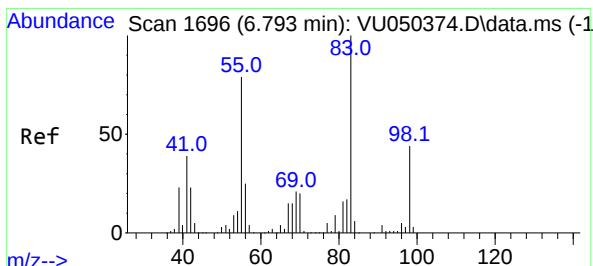
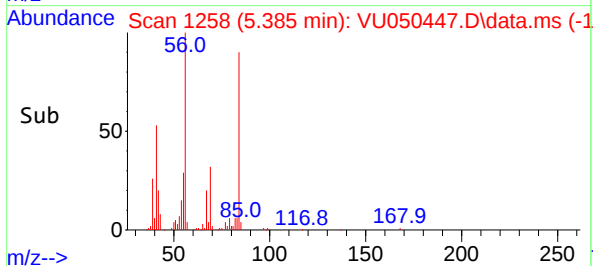
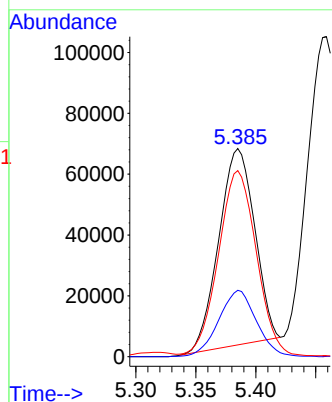
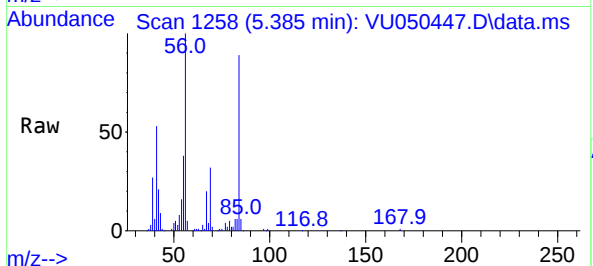




#19
Cyclohexane
Concen: 7.613 ug/l
RT: 5.385 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

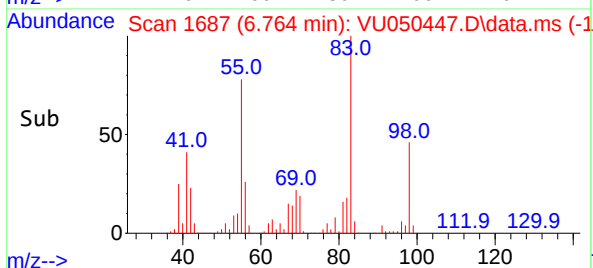
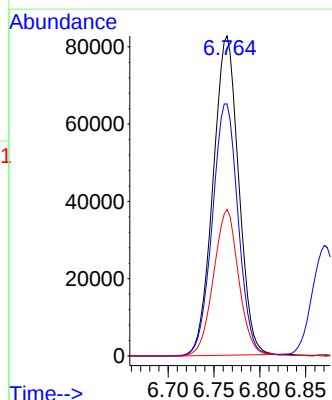
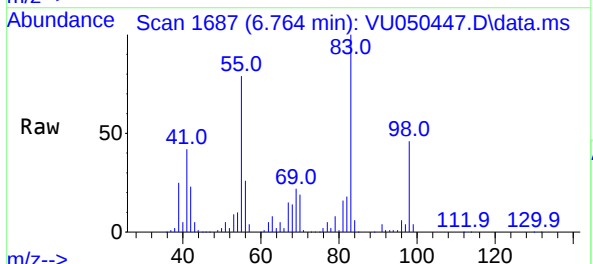
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

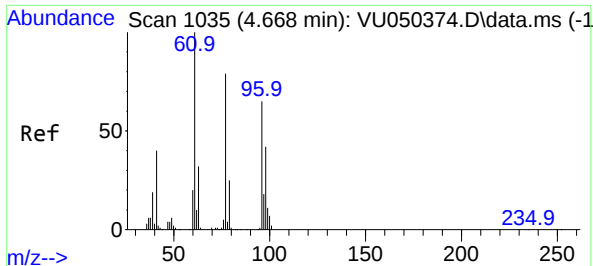
Tgt Ion: 56 Resp: 134685
Ion Ratio Lower Upper
56 100
69 35.5 24.2 36.4
84 98.4 63.4 95.2#



#20
Methylcyclohexane
Concen: 11.487 ug/l
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 83 Resp: 160200
Ion Ratio Lower Upper
83 100
55 79.3 63.0 94.4
98 45.0 35.7 53.5





#21

2,2-Dichloropropane

Concen: 8.633 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU050447.D

Acq: 25 Aug 2022 18:22

Instrument :

MSVOA_U

ClientSampleId :

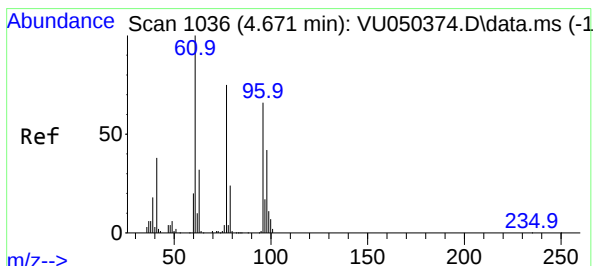
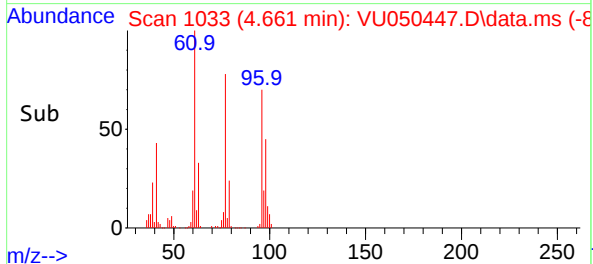
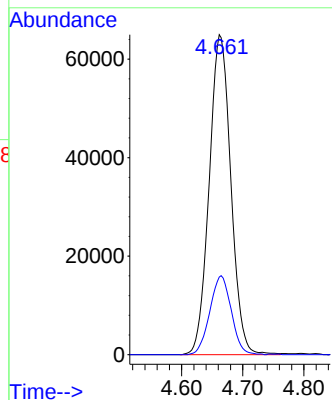
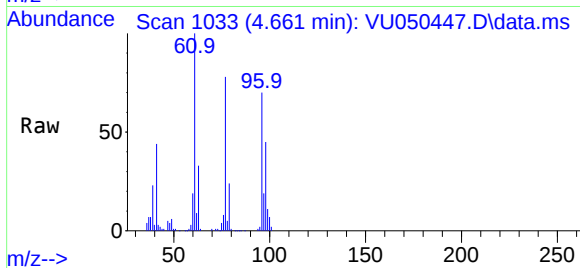
VSTDCCC010EC

Tgt Ion: 77 Resp: 159966

Ion Ratio Lower Upper

77 100

97 24.4 18.5 27.7



#22

cis-1,2-Dichloroethene

Concen: 10.509 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050447.D

Acq: 25 Aug 2022 18:22

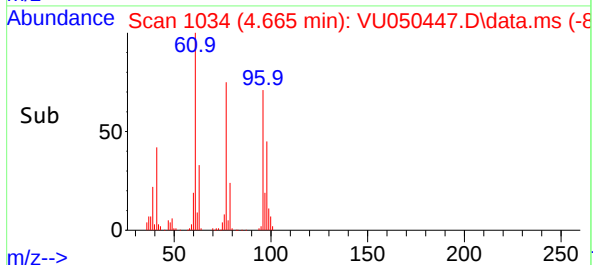
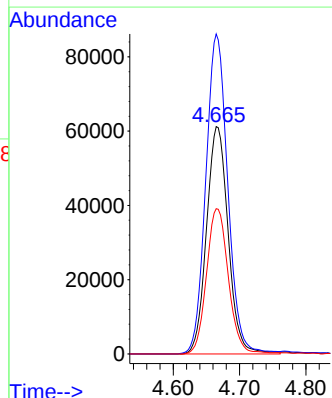
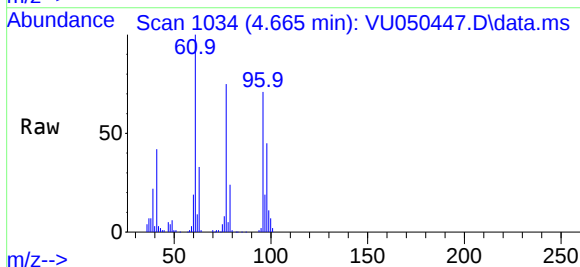
Tgt Ion: 96 Resp: 139160

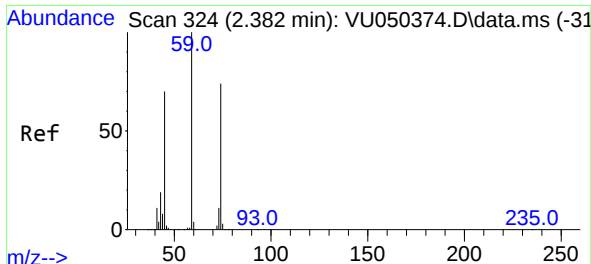
Ion Ratio Lower Upper

96 100

61 142.3 0.0 375.8

98 64.4 31.6 95.0

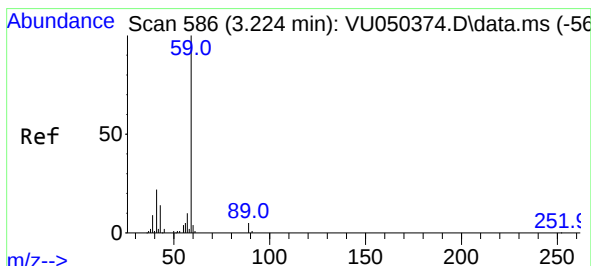
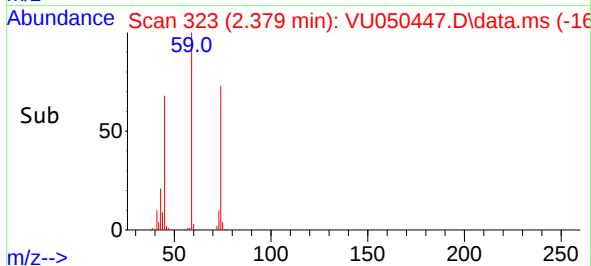
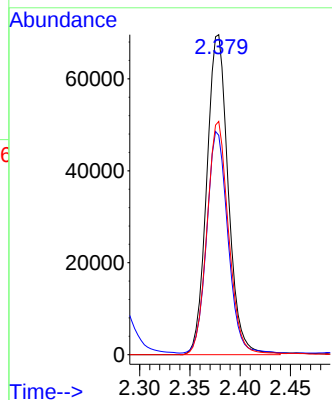
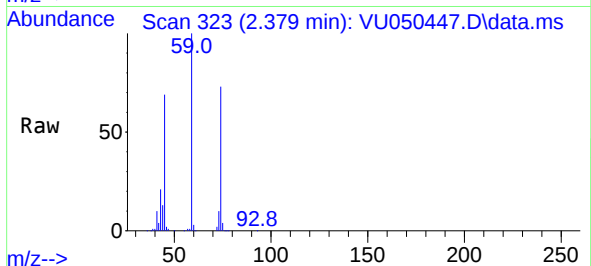




#23
Diethyl Ether
Concen: 10.646 ug/l
RT: 2.379 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

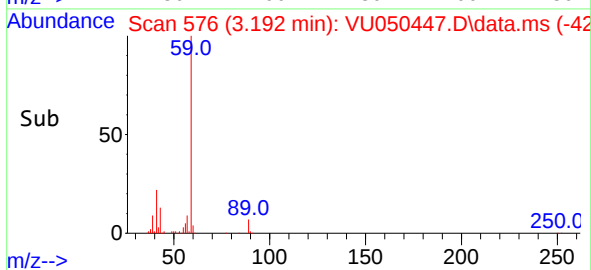
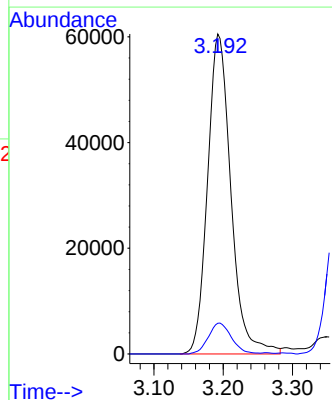
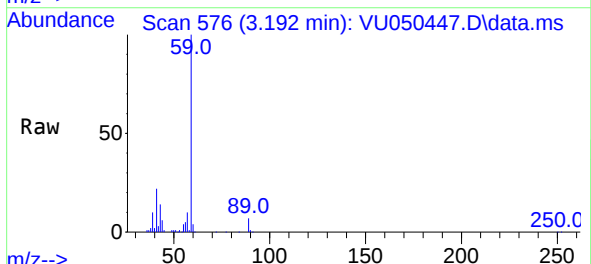
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

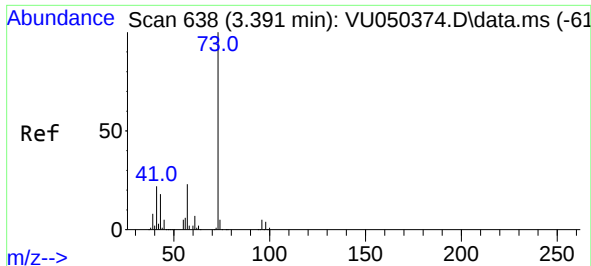
Tgt Ion: 59 Resp: 103573
Ion Ratio Lower Upper
59 100
45 68.7 56.0 84.0
74 73.4 57.6 86.4



#24
tert-Butyl Alcohol
Concen: 115.098 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 59 Resp: 141723
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.2

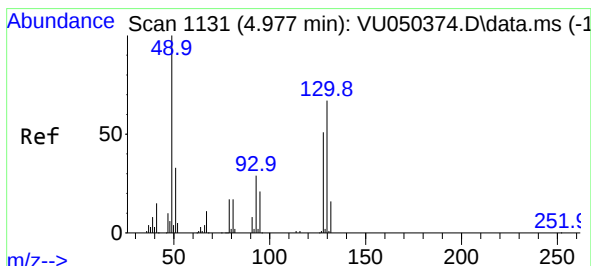
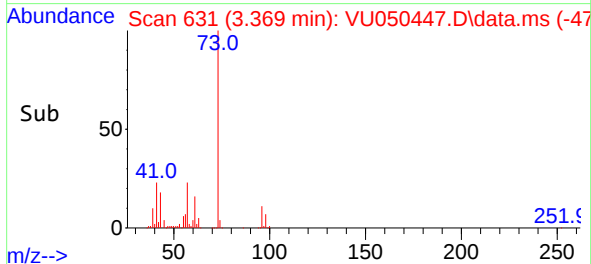
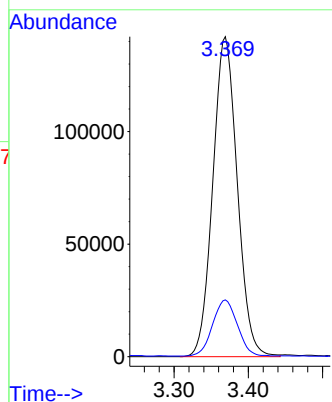
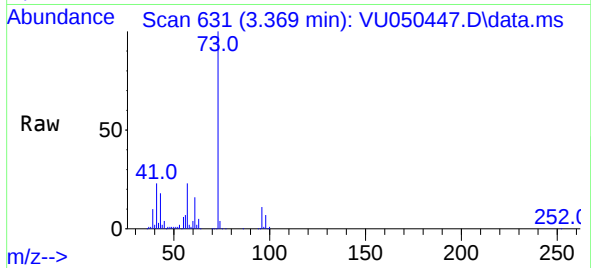




#25
Methyl tert-Butyl Ether
Concen: 10.814 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

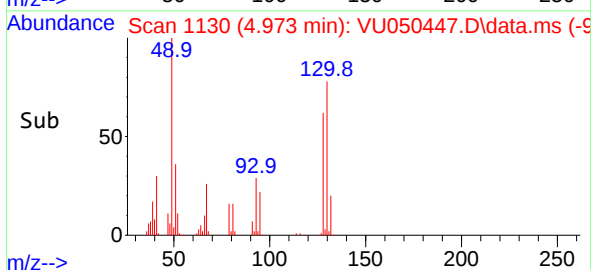
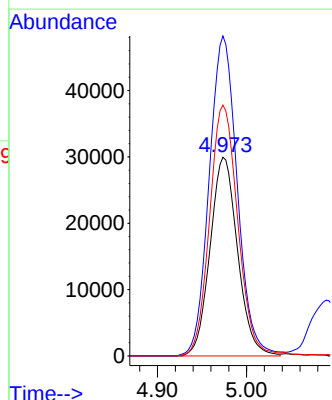
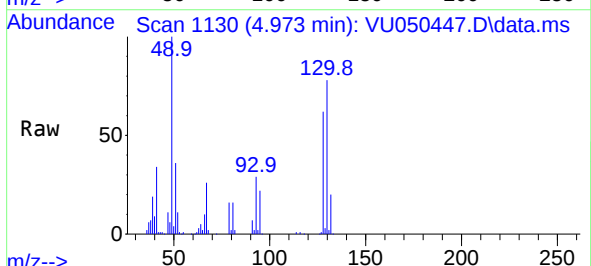
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

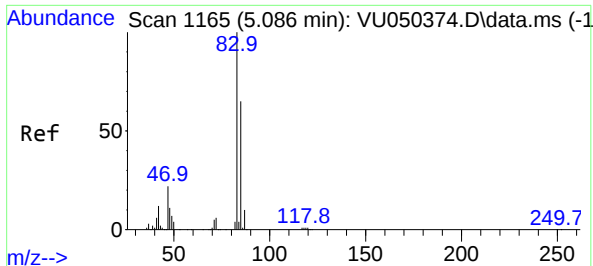
Tgt Ion: 73 Resp: 325328
Ion Ratio Lower Upper
73 100
43 17.7 15.9 23.9



#26
Bromochloromethane
Concen: 12.089 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 128 Resp: 64234
Ion Ratio Lower Upper
128 100
49 164.4 0.0 349.2
130 129.2 103.0 154.6





#27

Chloroform

Concen: 10.632 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050447.D

Acq: 25 Aug 2022 18:22

Instrument :

MSVOA_U

ClientSampleId :

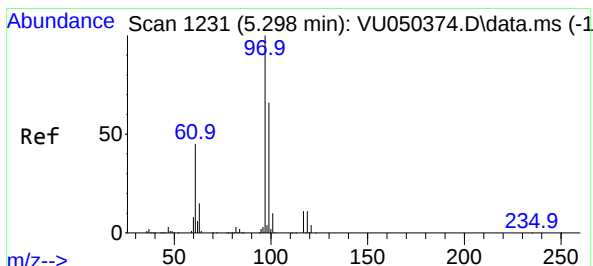
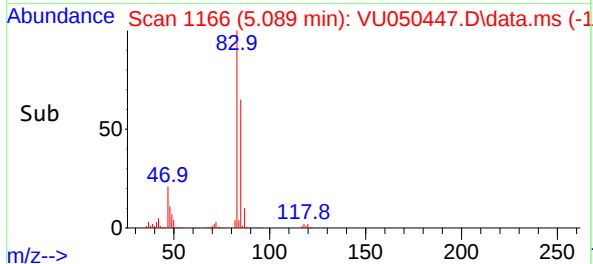
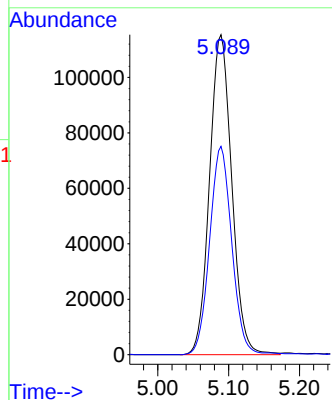
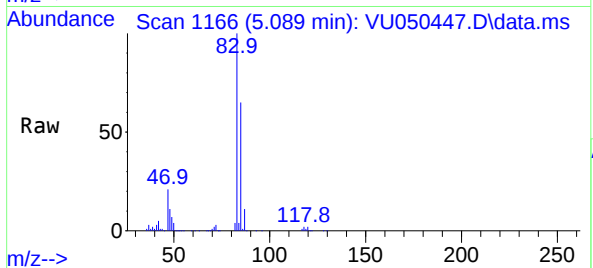
VSTDCCC010EC

Tgt Ion: 83 Resp: 251187

Ion Ratio Lower Upper

83 100

85 65.1 0.0 133.6



#28

1,1,1-Trichloroethane

Concen: 9.567 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050447.D

Acq: 25 Aug 2022 18:22

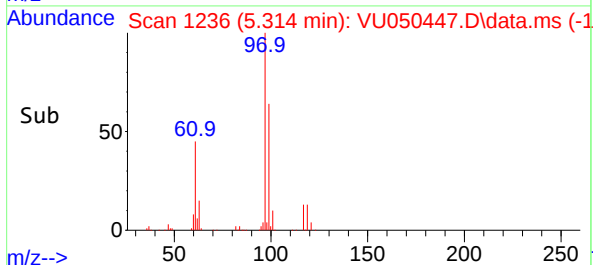
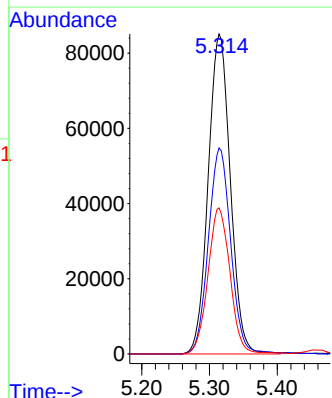
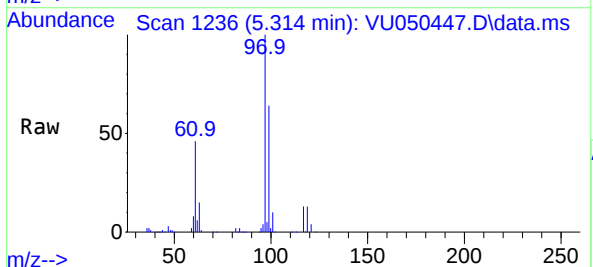
Tgt Ion: 97 Resp: 192873

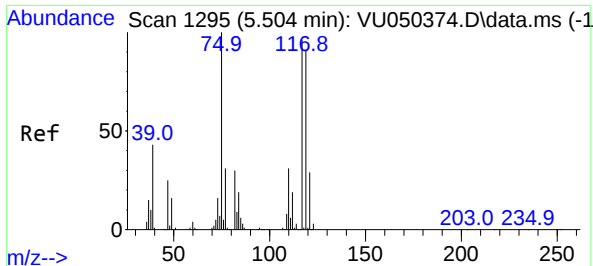
Ion Ratio Lower Upper

97 100

99 65.2 32.1 96.5

61 45.3 21.8 65.4

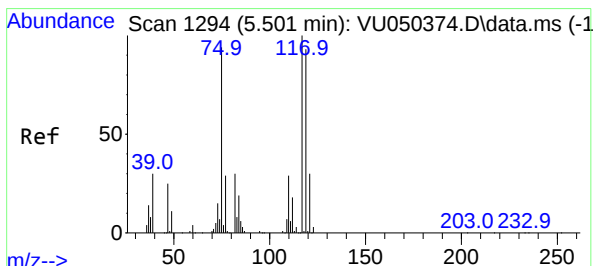
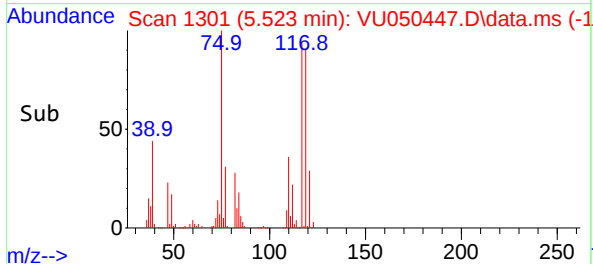
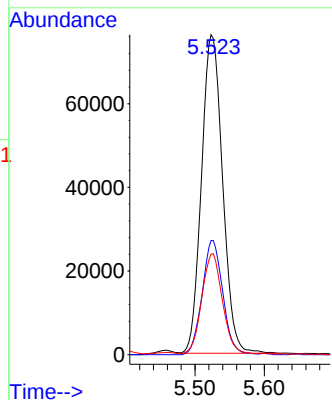
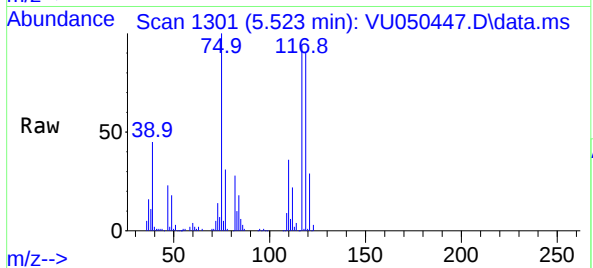




#29
1,1-Dichloropropene
Concen: 9.965 ug/l
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

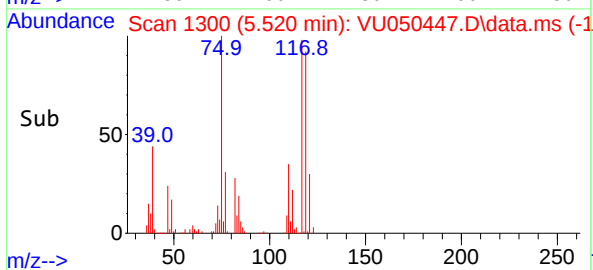
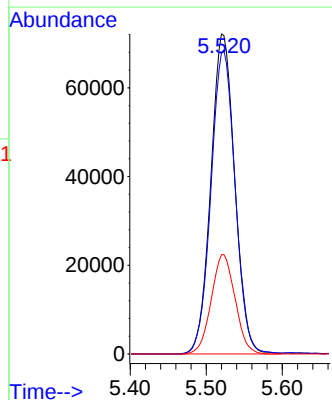
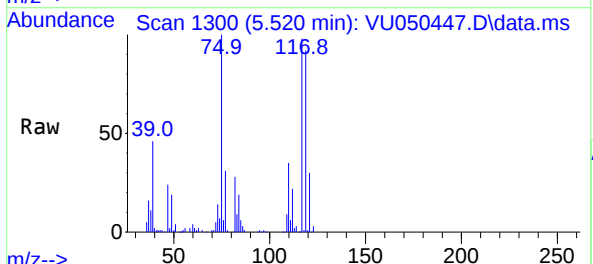
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

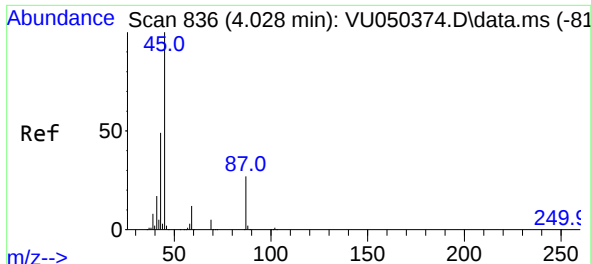
Tgt Ion: 75 Resp: 160920
Ion Ratio Lower Upper
75 100
110 35.0 17.3 52.0
77 30.4 24.6 37.0



#30
Carbon Tetrachloride
Concen: 9.760 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 117 Resp: 157501
Ion Ratio Lower Upper
117 100
119 94.2 74.6 112.0
121 31.0 24.2 36.4

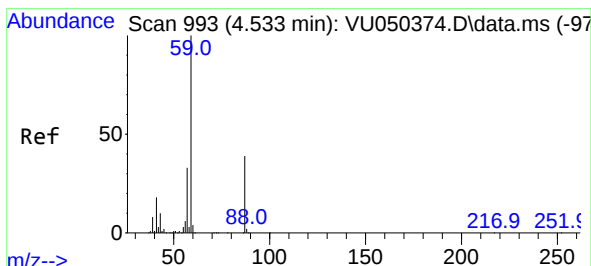
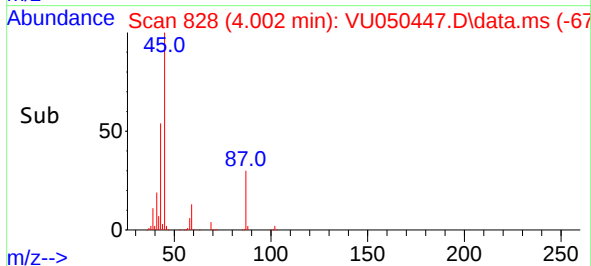
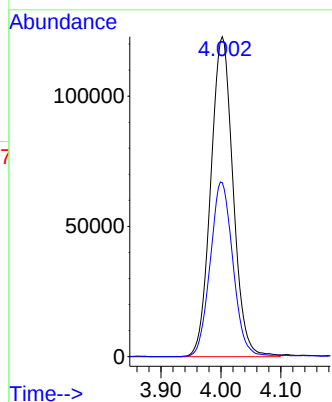
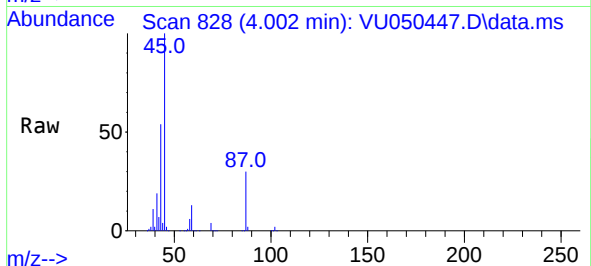




#31
Isopropyl Ether
Concen: 8.388 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

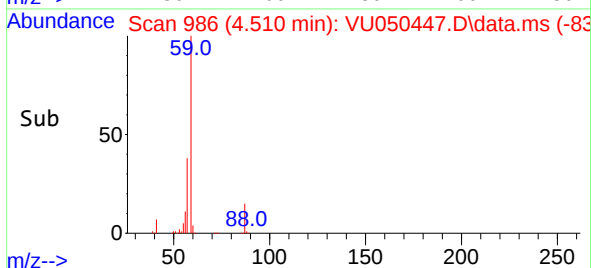
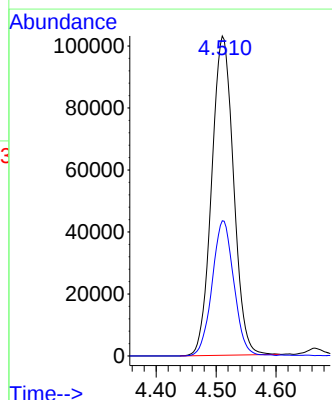
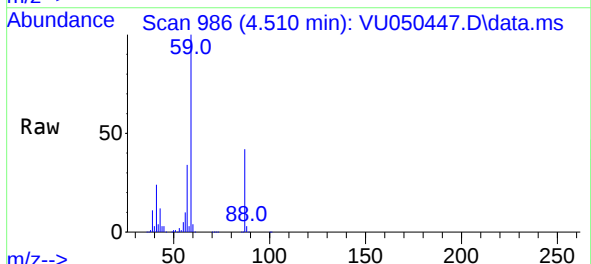
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

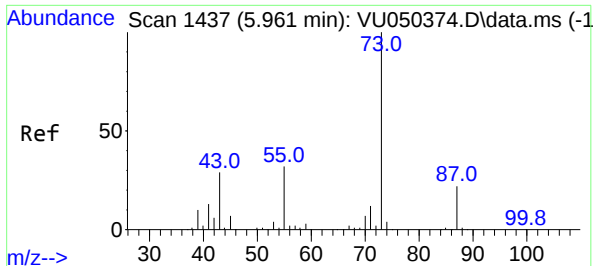
Tgt Ion: 45 Resp: 317308
Ion Ratio Lower Upper
45 100
43 55.5 23.8 71.2



#32
Ethyl-t-butyl ether
Concen: 8.755 ug/l
RT: 4.510 min Scan# 986
Delta R.T. -0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 59 Resp: 260190
Ion Ratio Lower Upper
59 100
87 41.9 32.5 48.7



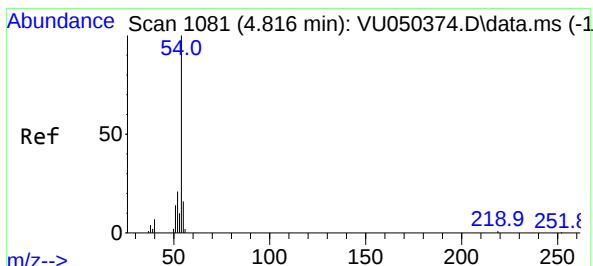
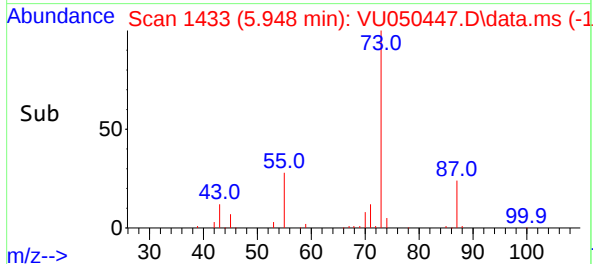
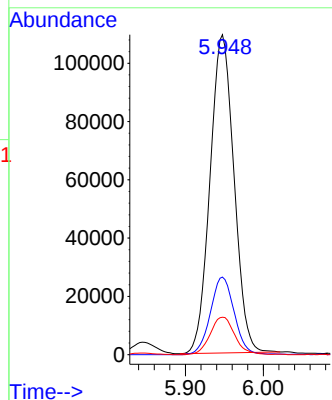
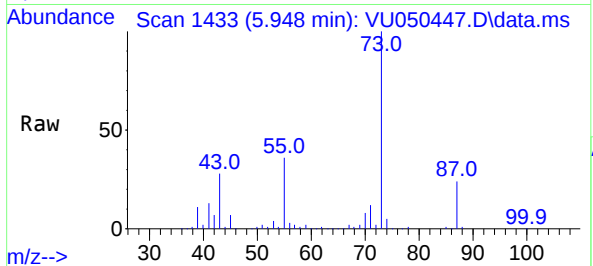


#33
Tert-Amyl methyl ether
Concen: 12.065 ug/l
RT: 5.948 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 73 Resp: 233737

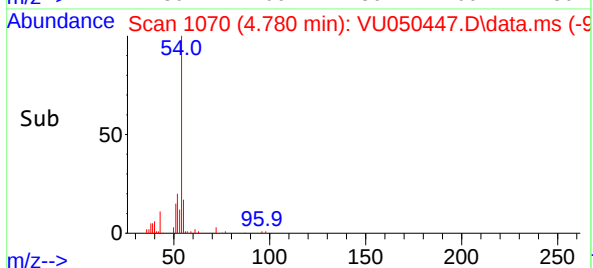
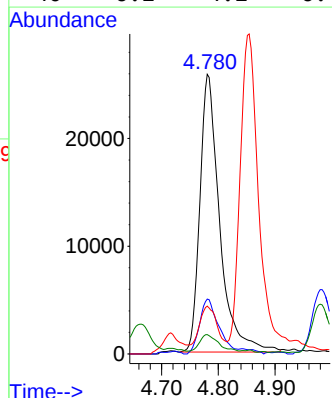
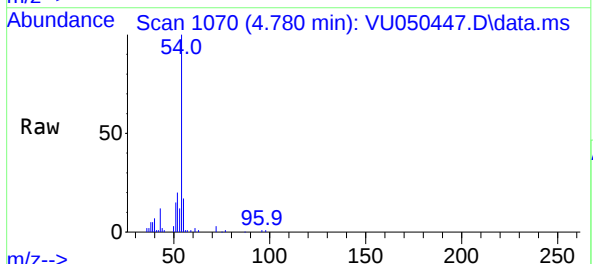
Ion	Ratio	Lower	Upper
73	100		
87	23.9	19.7	29.5
71	11.9	9.0	13.4

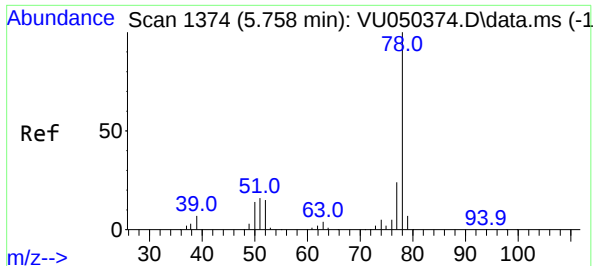


#34
Propionitrile
Concen: 56.606 ug/l
RT: 4.780 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 54 Resp: 62476

Ion	Ratio	Lower	Upper
54	100		
52	19.2	15.0	22.6
55	13.5	12.6	19.0
40	6.2	4.2	6.4

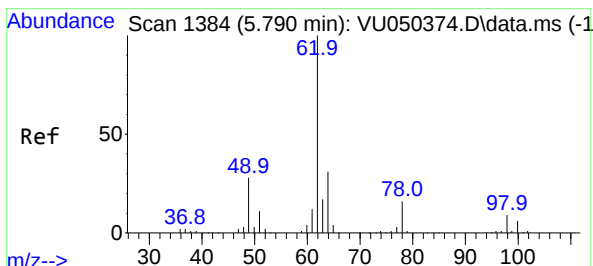
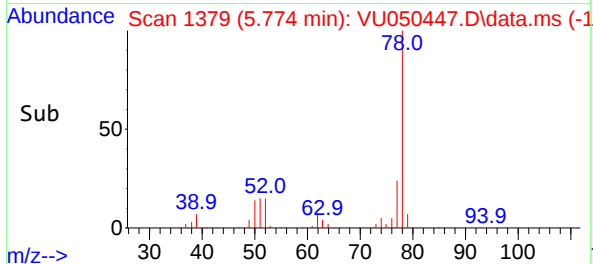
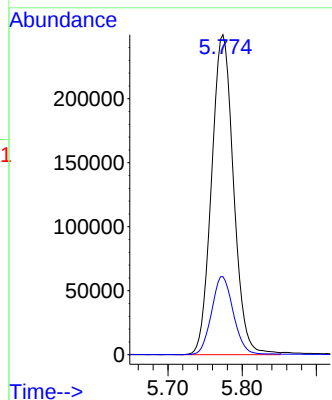
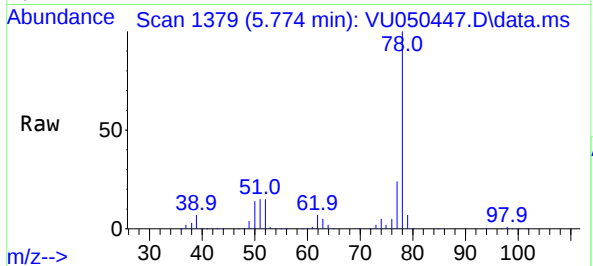




#35
Benzene
Concen: 10.835 ug/l
RT: 5.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

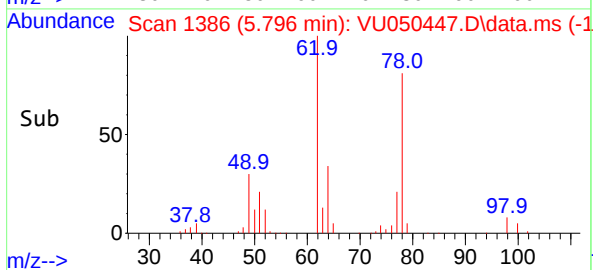
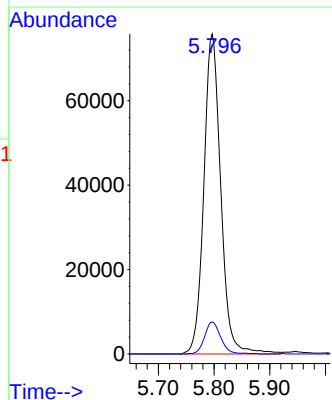
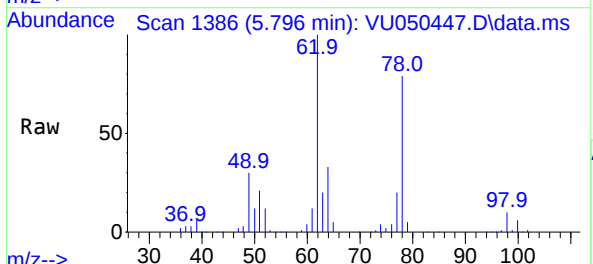
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

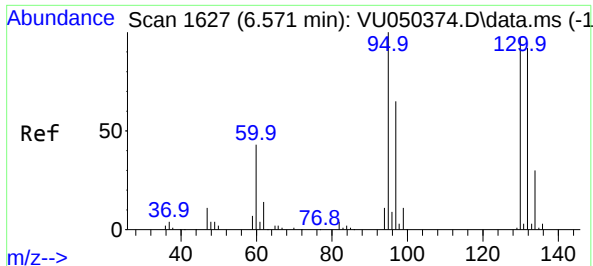
Tgt Ion: 78 Resp: 514343
Ion Ratio Lower Upper
78 100
77 24.4 18.6 28.0



#36
1,2-Dichloroethane
Concen: 11.041 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 62 Resp: 160026
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.0

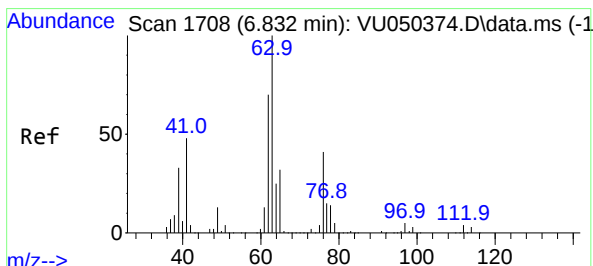
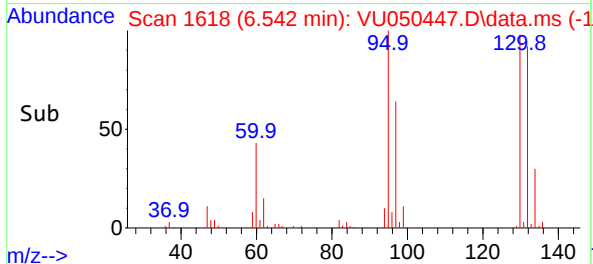
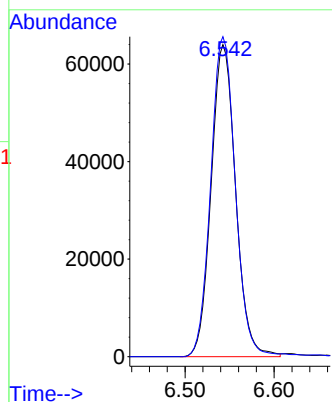
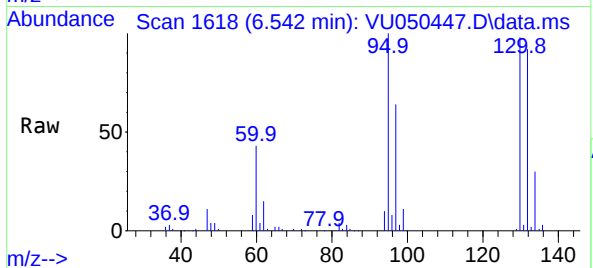




#37
Trichloroethene
Concen: 10.724 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

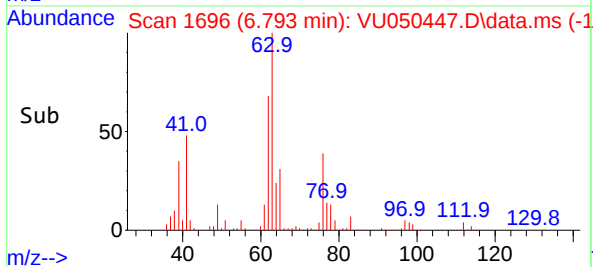
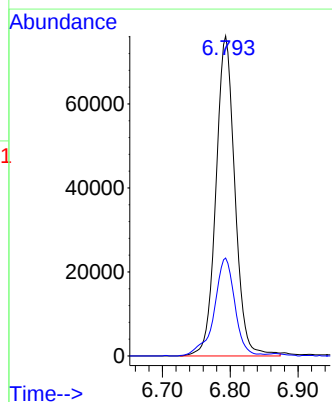
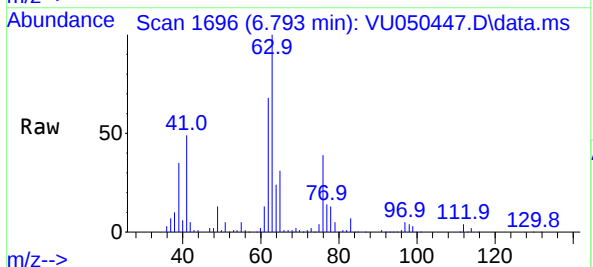
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

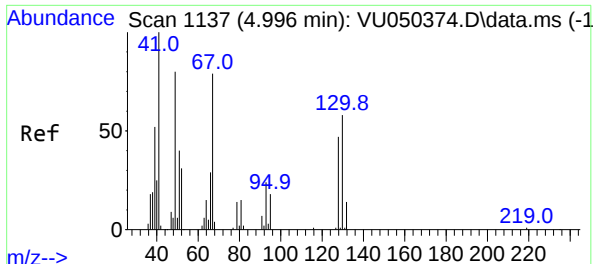
Tgt Ion:130 Resp: 122035
Ion Ratio Lower Upper
130 100
95 102.6 83.8 125.8



#38
1,2-Dichloropropane
Concen: 11.596 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 63 Resp: 147752
Ion Ratio Lower Upper
63 100
65 30.4 25.0 37.4

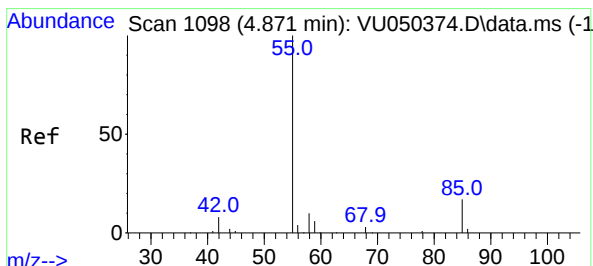
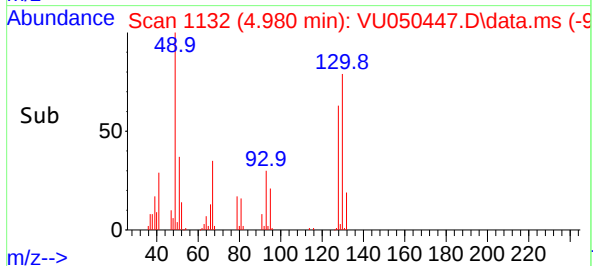
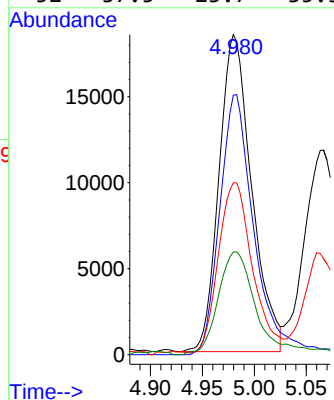
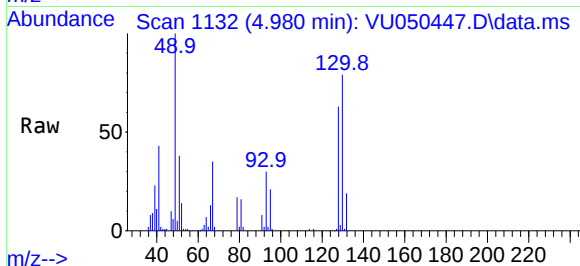




#39
Methacrylonitrile
Concen: 8.896 ug/l
RT: 4.980 min Scan# 1137
Delta R.T. -0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

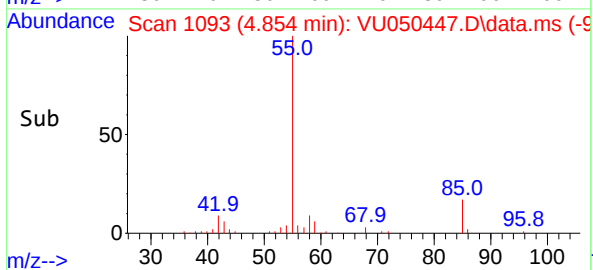
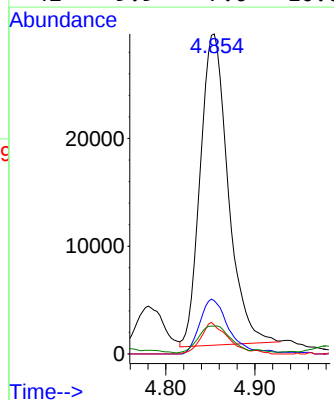
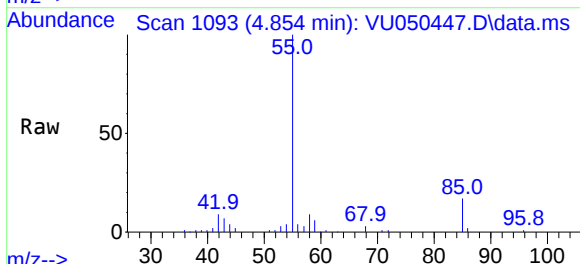
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

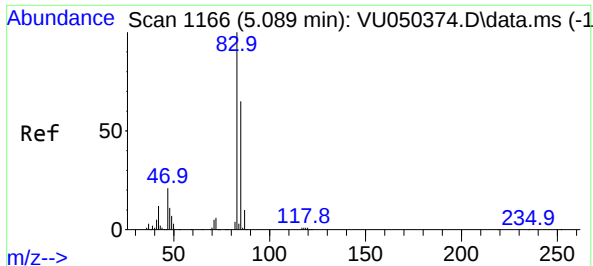
Tgt Ion:	41	Resp:	40286
Ion	Ratio	Lower	Upper
41	100		
67	87.1	59.4	89.0
39	56.0	42.2	63.2
52	37.5	23.7	35.5



#40
Methyl acrylate
Concen: 9.097 ug/l
RT: 4.854 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion:	55	Resp:	62755
Ion	Ratio	Lower	Upper
55	100		
85	18.0	13.5	20.3
58	9.6	7.0	10.4
42	9.9	7.0	10.6





#41

Tetrahydrofuran

Concen: 19.007 ug/l

RT: 5.063 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU050447.D

Acq: 25 Aug 2022 18:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

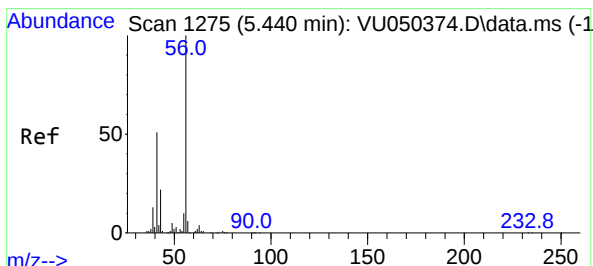
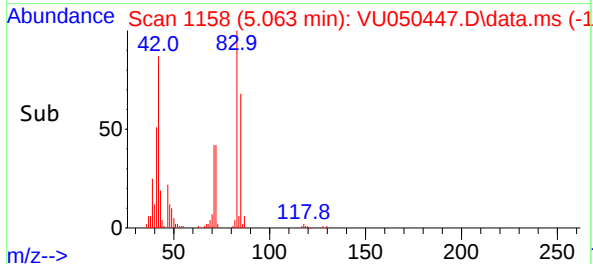
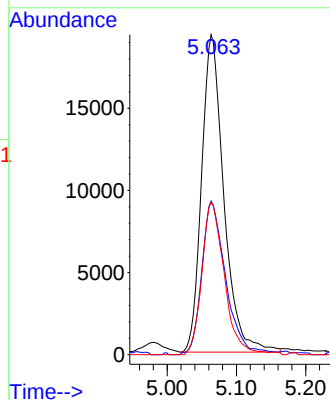
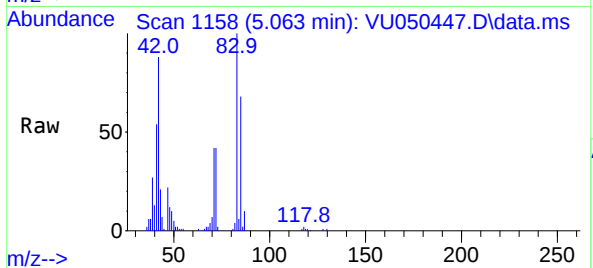
Tgt Ion: 42 Resp: 43099

Ion Ratio Lower Upper

42 100

72 52.1 38.9 58.3

71 48.3 33.7 50.5



#42

1-Chlorobutane

Concen: 9.684 ug/l

RT: 5.459 min Scan# 1281

Delta R.T. 0.003 min

Lab File: VU050447.D

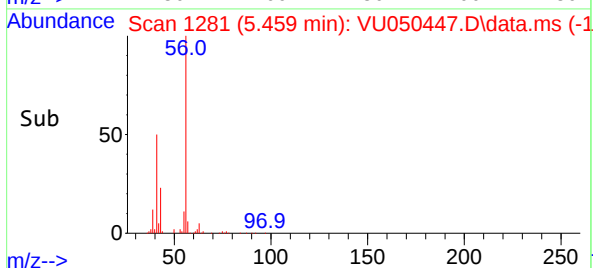
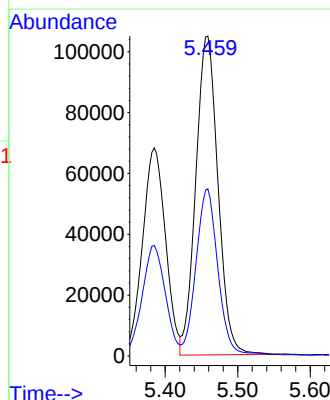
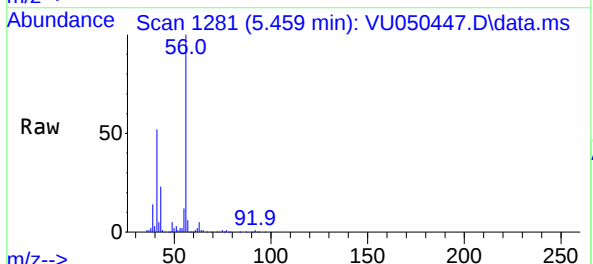
Acq: 25 Aug 2022 18:22

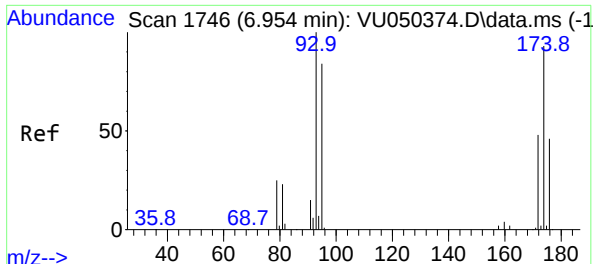
Tgt Ion: 56 Resp: 222697

Ion Ratio Lower Upper

56 100

41 51.3 26.4 79.2

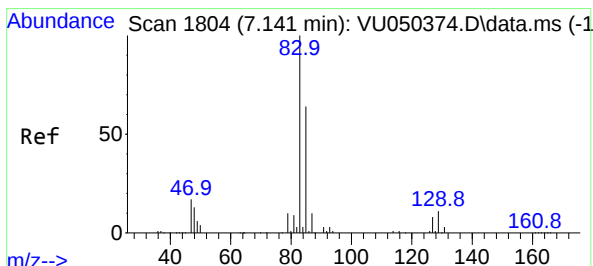
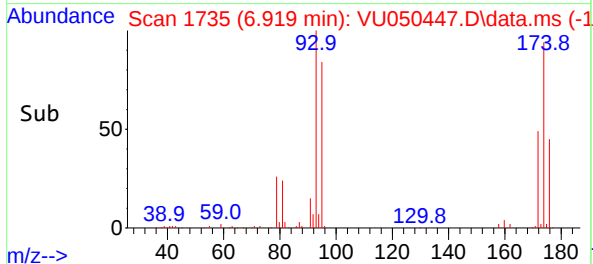
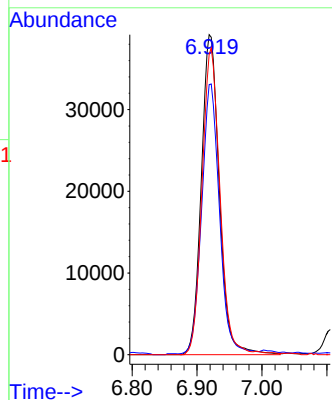
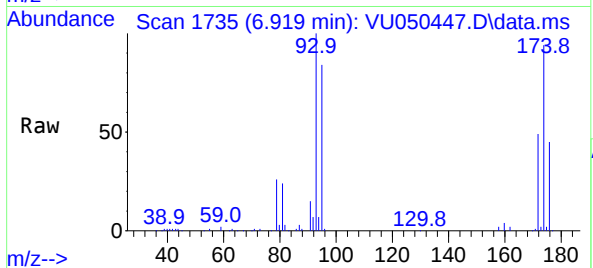




#43
Dibromomethane
Concen: 11.034 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

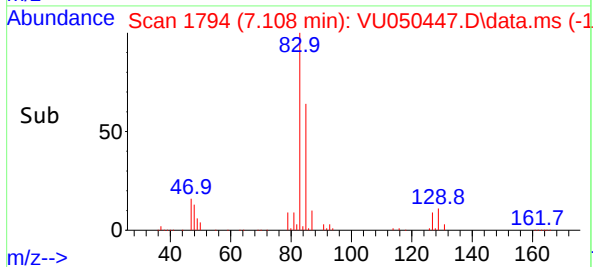
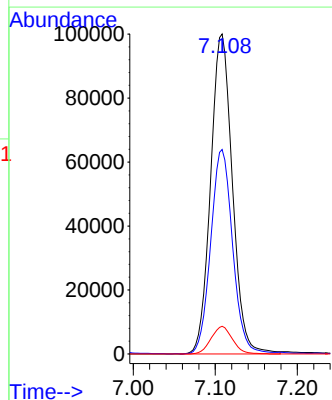
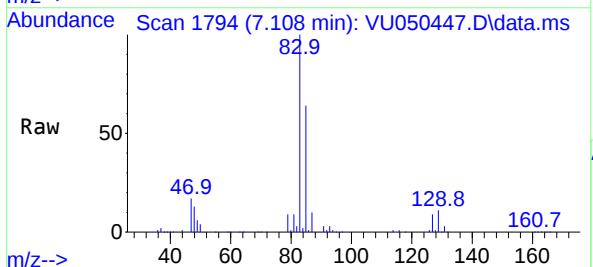
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

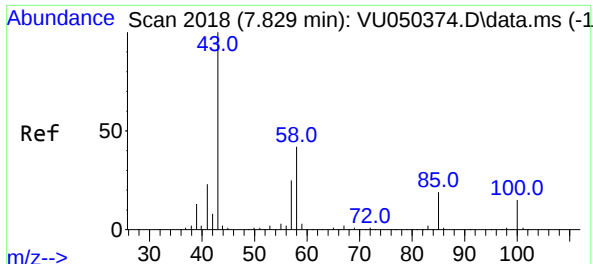
Tgt Ion: 93 Resp: 75791
Ion Ratio Lower Upper
93 100
95 83.1 65.0 97.6
174 94.7 76.3 114.5



#44
Bromodichloromethane
Concen: 11.398 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 83 Resp: 184744
Ion Ratio Lower Upper
83 100
85 63.9 49.4 74.0
127 8.7 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 61.811 ug/l

RT: 7.796 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VU050447.D

Acq: 25 Aug 2022 18:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

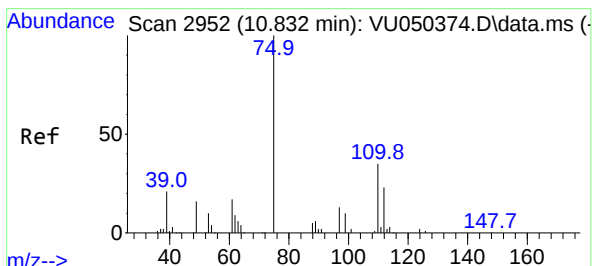
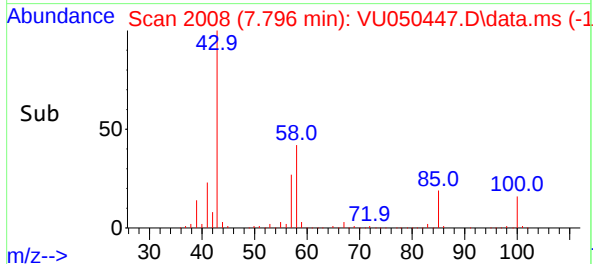
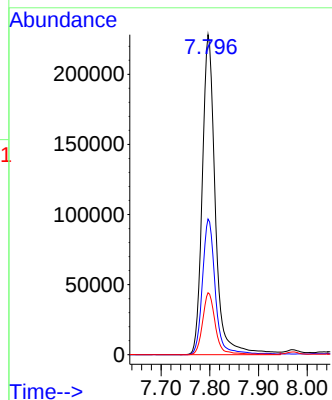
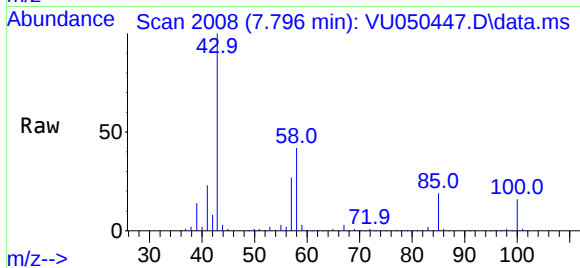
Tgt Ion: 43 Resp: 426157

Ion Ratio Lower Upper

43 100

58 41.7 20.3 61.0

85 18.9 14.6 21.8



#46

t-1,4-Dichloro-2-butene

Concen: 40.400 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. -0.006 min

Lab File: VU050447.D

Acq: 25 Aug 2022 18:22

Tgt Ion: 75 Resp: 168602

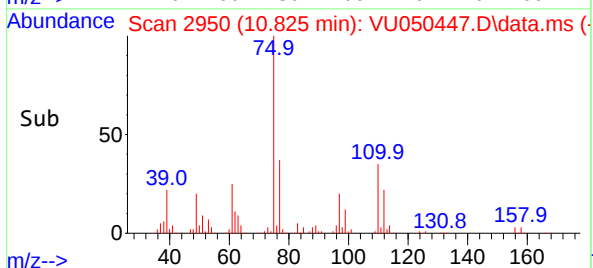
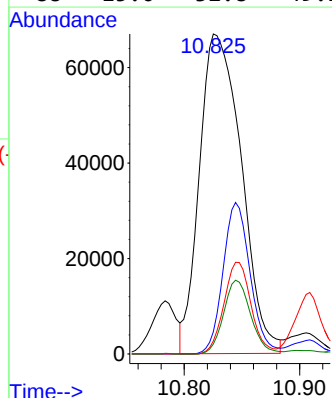
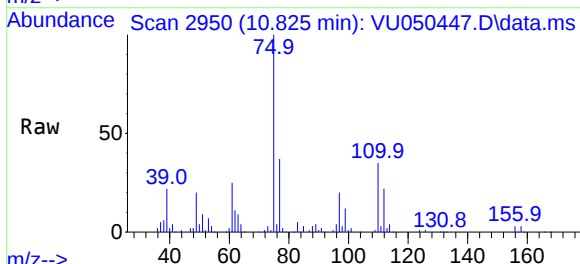
Ion Ratio Lower Upper

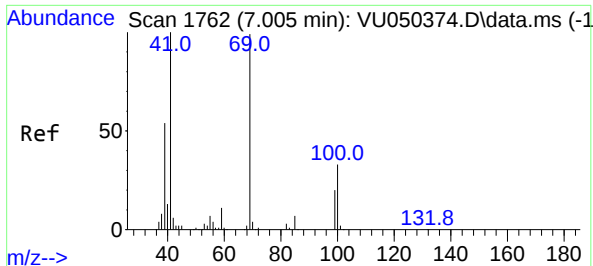
75 100

53 30.8 64.4 96.6#

89 18.7 44.2 66.2#

88 15.0 32.8 49.2#





#47

Methyl methacrylate

Concen: 20.866 ug/l

RT: 6.967 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050447.D

Acq: 25 Aug 2022 18:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 69 Resp: 134645

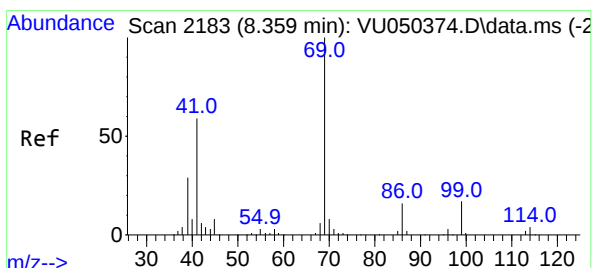
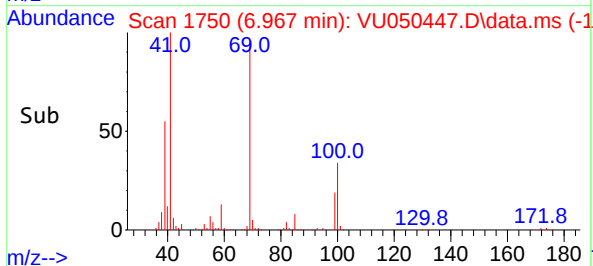
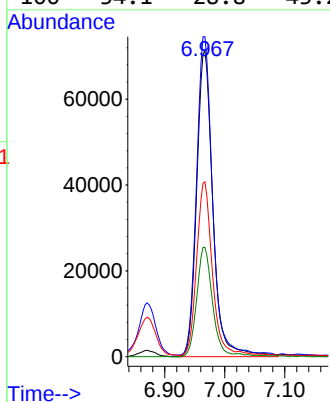
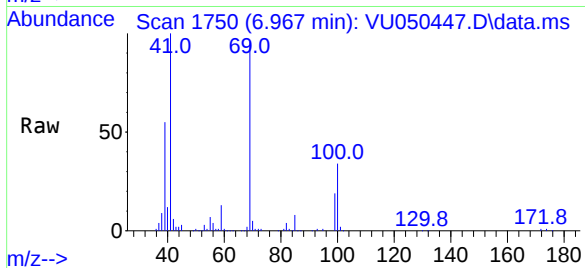
Ion Ratio Lower Upper

69 100

41 101.9 0.0 225.4

39 53.6 45.8 68.8

100 34.1 28.8 43.2



#48

Ethyl methacrylate

Concen: 10.117 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU050447.D

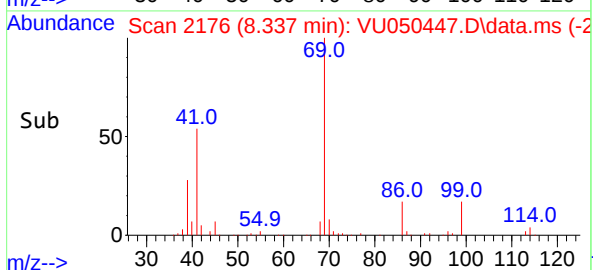
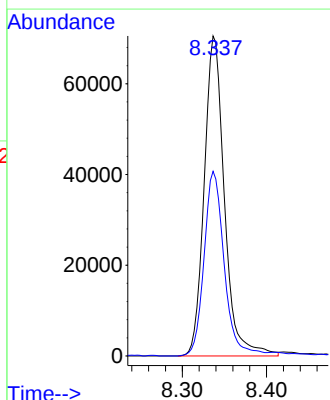
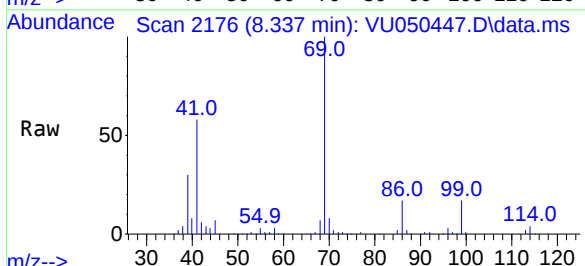
Acq: 25 Aug 2022 18:22

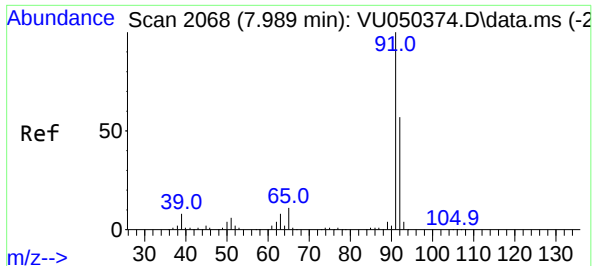
Tgt Ion: 69 Resp: 117921

Ion Ratio Lower Upper

69 100

41 57.6 32.3 96.9

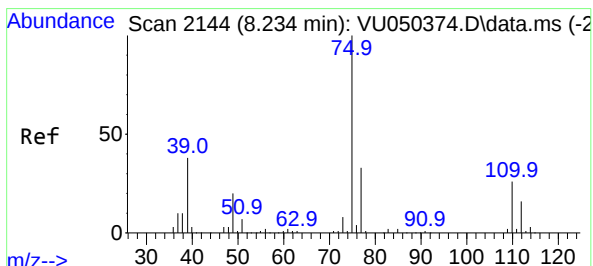
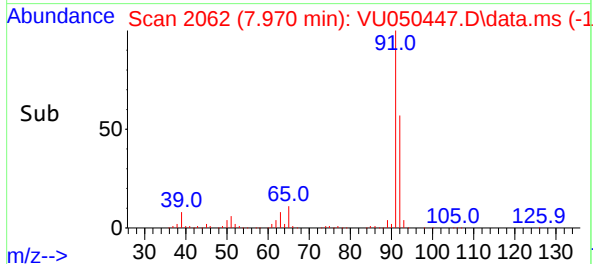
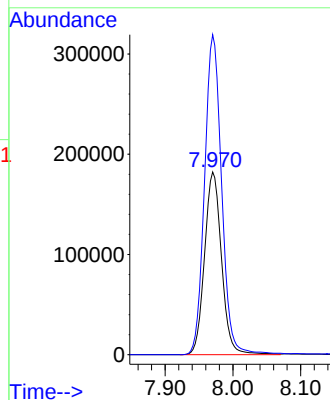
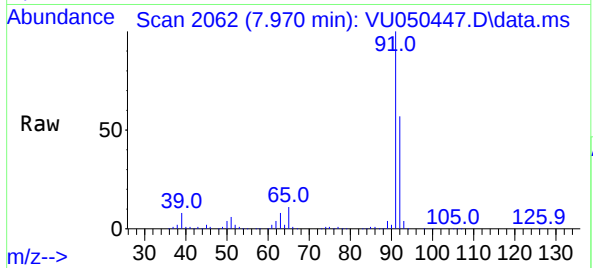




#49
Toluene
Concen: 12.448 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

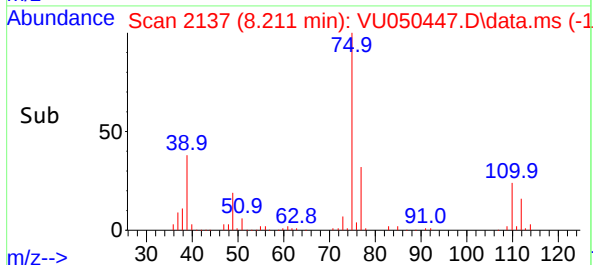
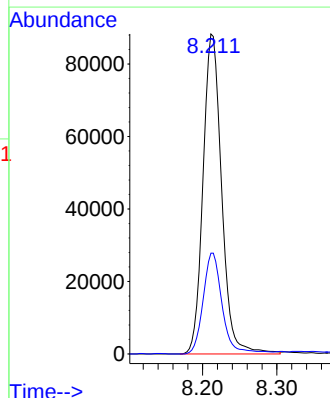
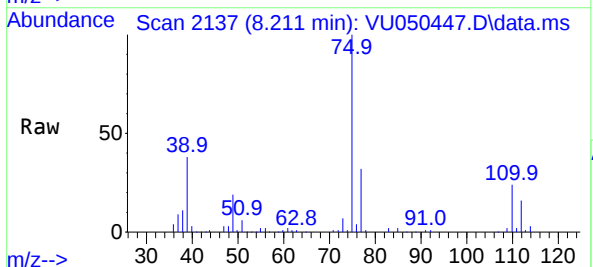
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

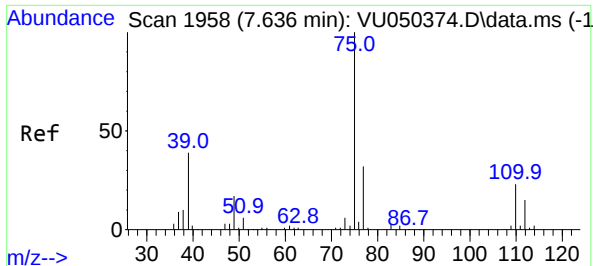
Tgt Ion: 92 Resp: 317484
Ion Ratio Lower Upper
92 100
91 176.4 138.6 207.8



#50
t-1,3-Dichloropropene
Concen: 12.179 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 75 Resp: 153707
Ion Ratio Lower Upper
75 100
77 31.5 24.7 37.1



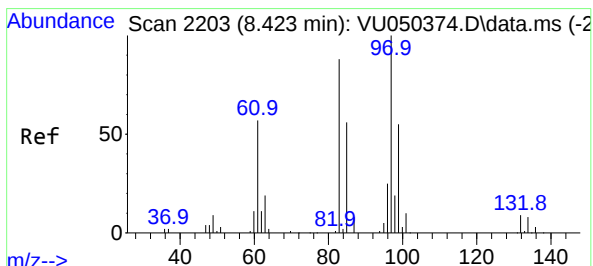
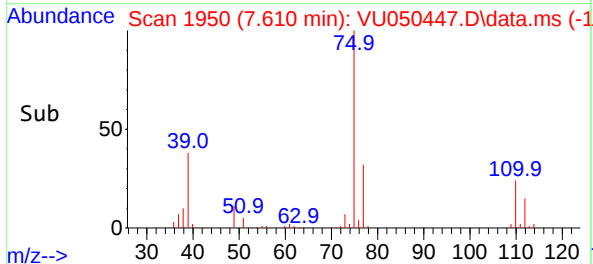
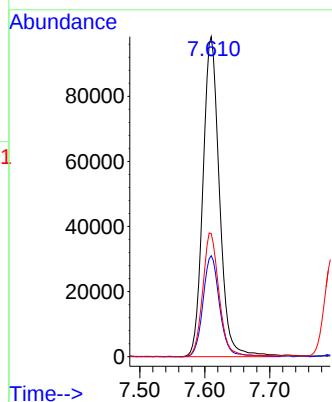
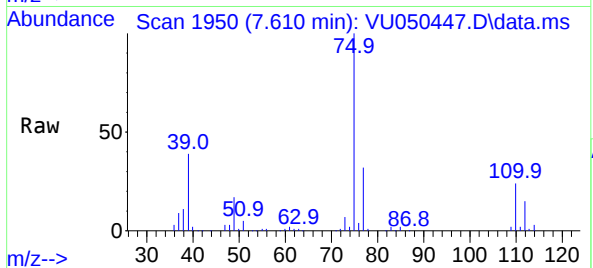


#51
 cis-1,3-Dichloropropene
 Concen: 12.086 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU050447.D
 Acq: 25 Aug 2022 18:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 75 Resp: 174613

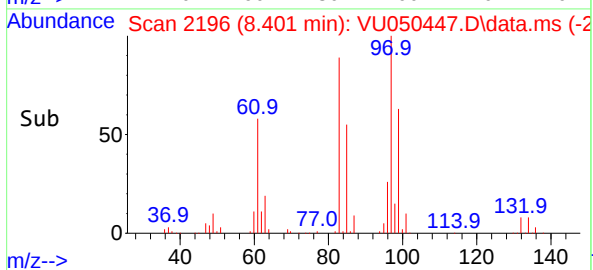
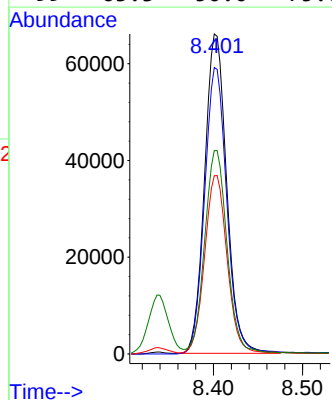
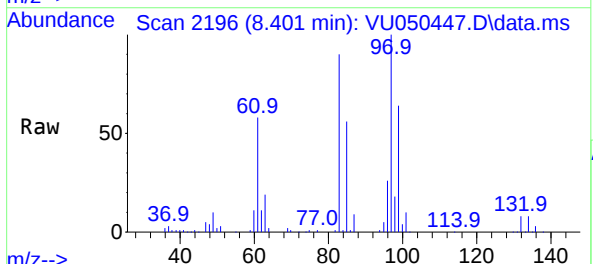
Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.0
39	38.5	35.1	52.7

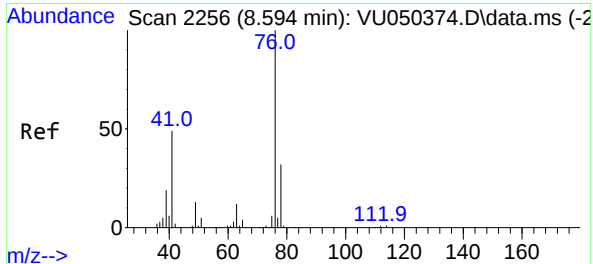


#52
 1,1,2-Trichloroethane
 Concen: 11.260 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: VU050447.D
 Acq: 25 Aug 2022 18:22

Tgt Ion: 97 Resp: 113662

Ion	Ratio	Lower	Upper
97	100		
83	89.5	70.6	106.0
85	55.5	46.2	69.4
99	63.3	50.0	75.0

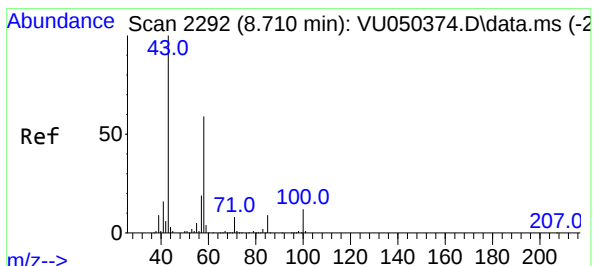
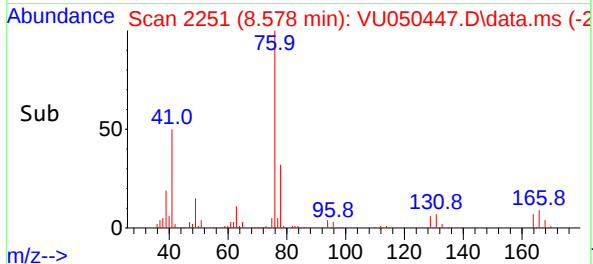
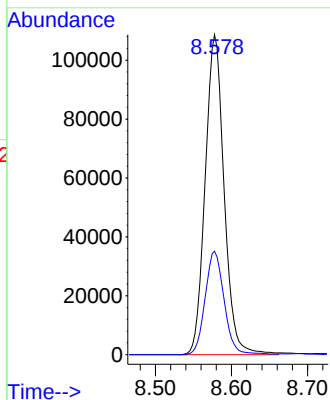
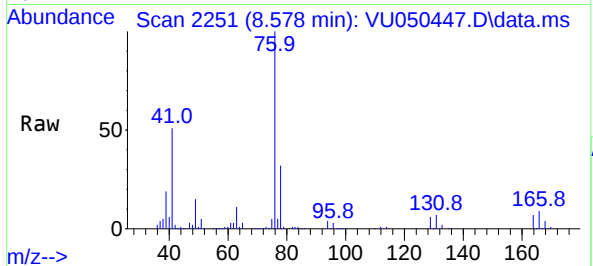




#53
1,3-Dichloropropane
Concen: 11.822 ug/l
RT: 8.578 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

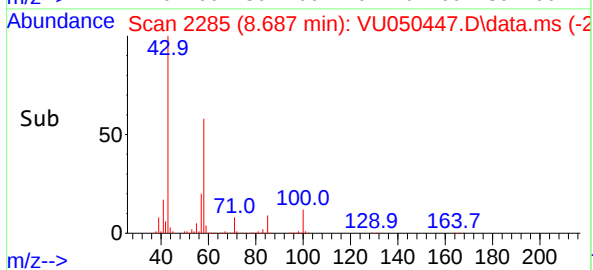
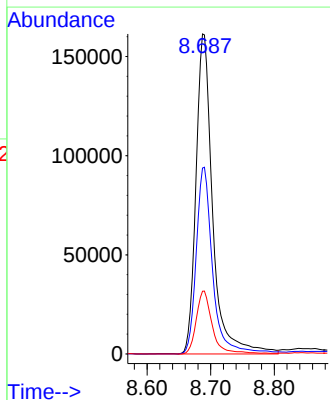
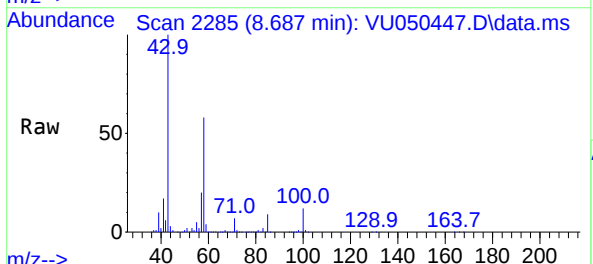
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

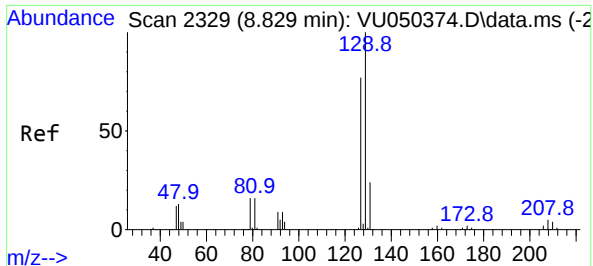
Tgt Ion: 76 Resp: 187940
Ion Ratio Lower Upper
76 100
78 32.4 26.0 39.0



#54
2-Hexanone
Concen: 61.459 ug/l
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 43 Resp: 295092
Ion Ratio Lower Upper
43 100
58 57.7 37.1 77.1
57 18.8 0.0 39.5

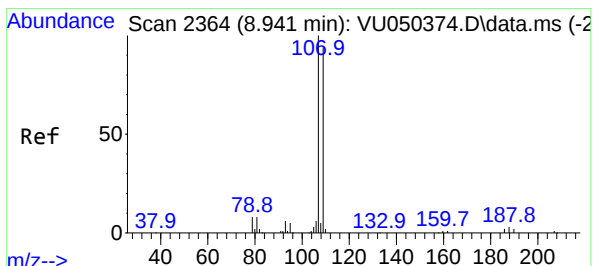
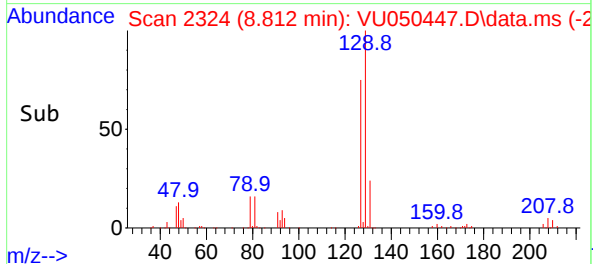
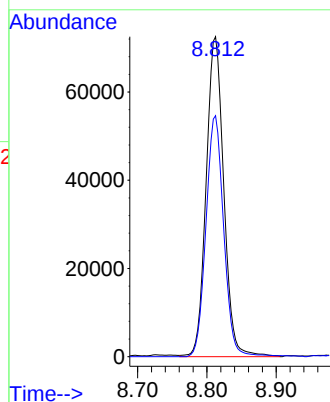
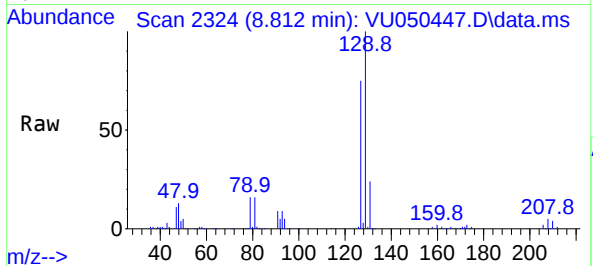




#55
Dibromochloromethane
Concen: 11.520 ug/l
RT: 8.812 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

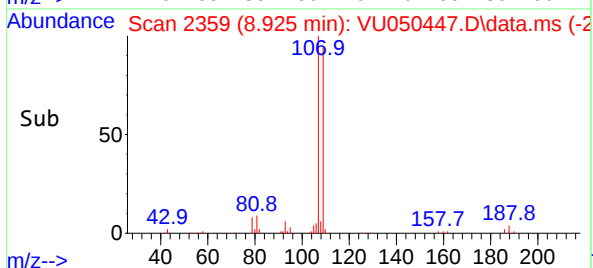
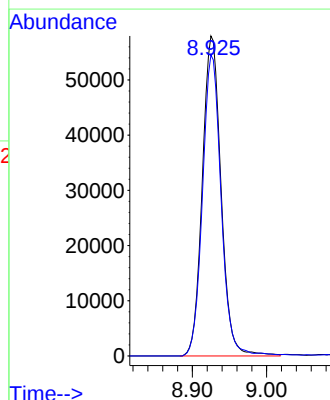
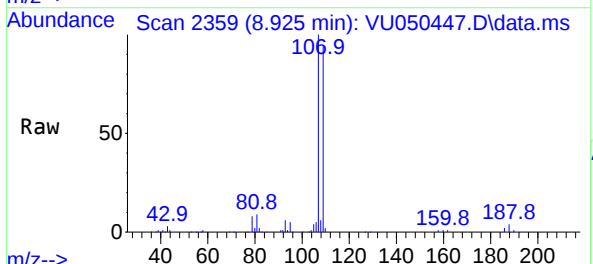
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

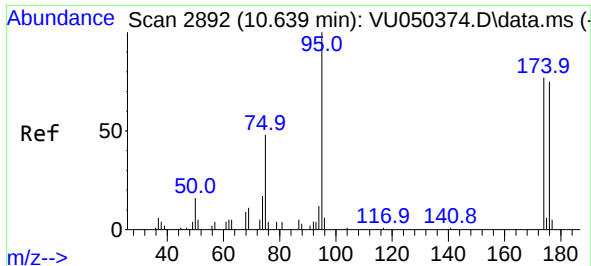
Tgt Ion:129 Resp: 127928
Ion Ratio Lower Upper
129 100
127 75.7 61.2 91.8



#56
1,2-Dibromoethane
Concen: 11.188 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion:107 Resp: 101441
Ion Ratio Lower Upper
107 100
109 92.7 0.0 187.2

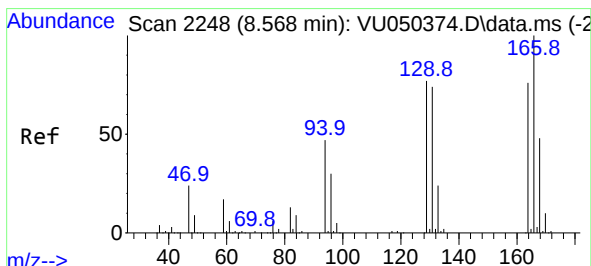
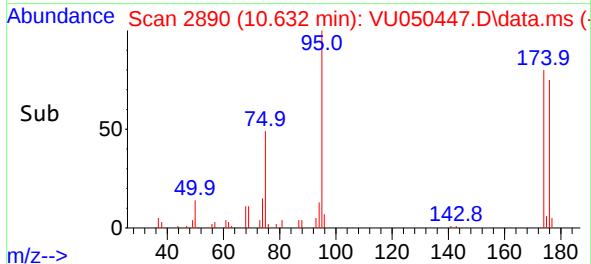
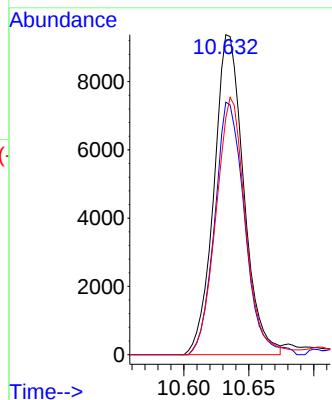
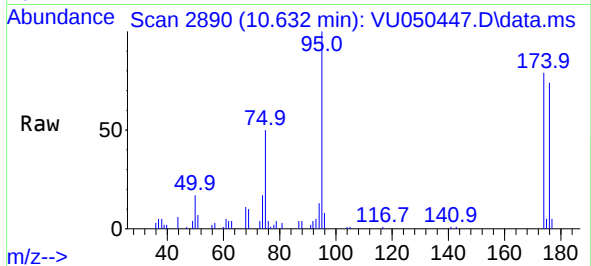




#57
4-Bromofluorobenzene
Concen: 1.138 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

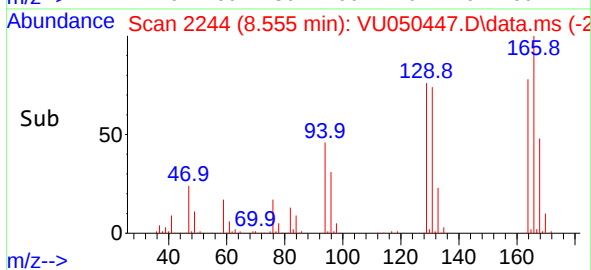
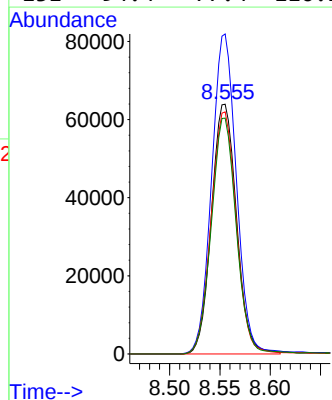
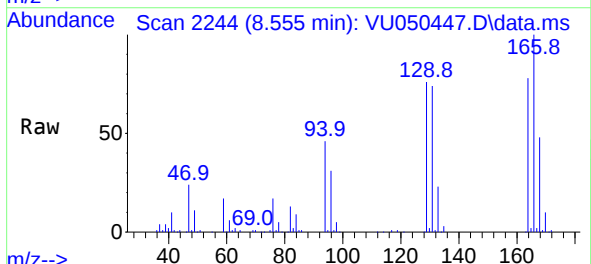
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

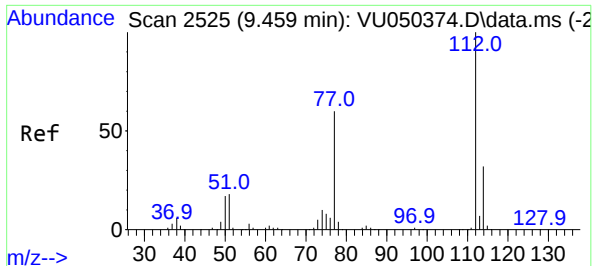
Tgt Ion: 95 Resp: 14899
Ion Ratio Lower Upper
95 100
174 79.6 62.4 93.6
176 80.2 56.2 84.2



#58
Tetrachloroethene
Concen: 10.345 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 164 Resp: 110778
Ion Ratio Lower Upper
164 100
166 128.1 102.4 153.6
129 96.9 79.5 119.3
131 94.4 77.4 116.2





#59

Chlorobenzene

Concen: 12.014 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU050447.D

Acq: 25 Aug 2022 18:22

Instrument :

MSVOA_U

ClientSampleId :

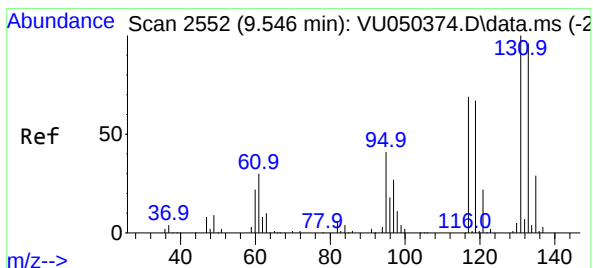
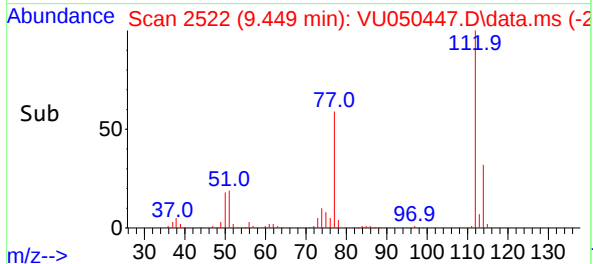
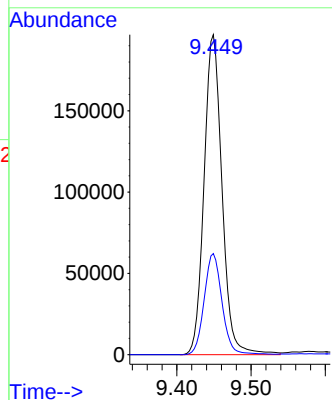
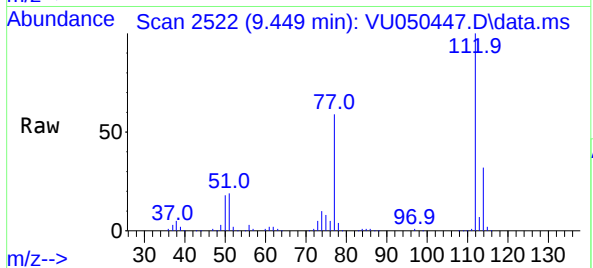
VSTDCCC010EC

Tgt Ion:112 Resp: 330667

Ion Ratio Lower Upper

112 100

114 31.6 24.9 37.3



#60

1,1,1,2-Tetrachloroethane

Concen: 11.004 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU050447.D

Acq: 25 Aug 2022 18:22

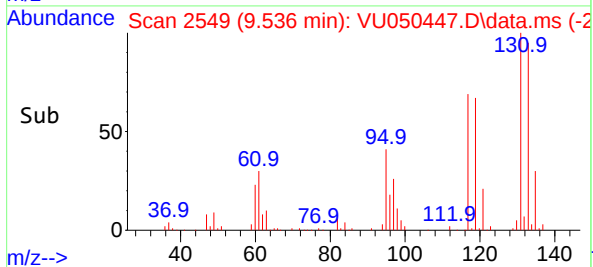
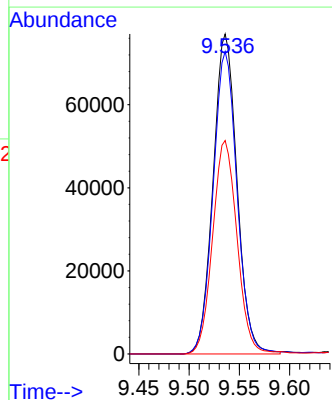
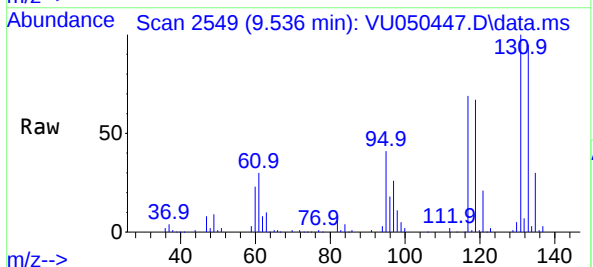
Tgt Ion:131 Resp: 127297

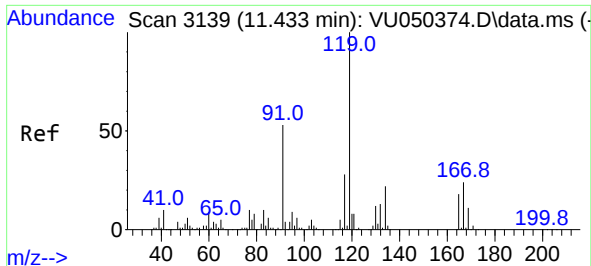
Ion Ratio Lower Upper

131 100

133 95.4 78.3 117.5

119 68.4 53.2 79.8

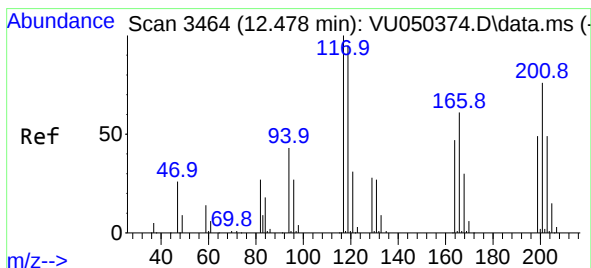
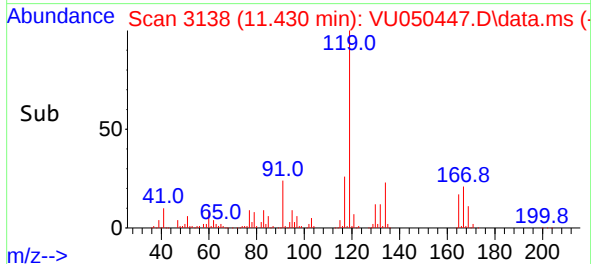
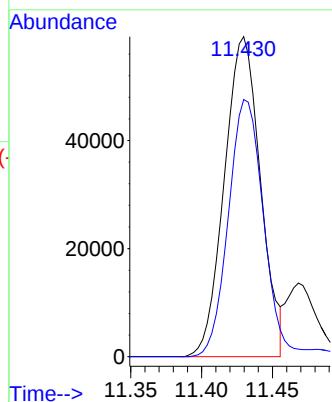
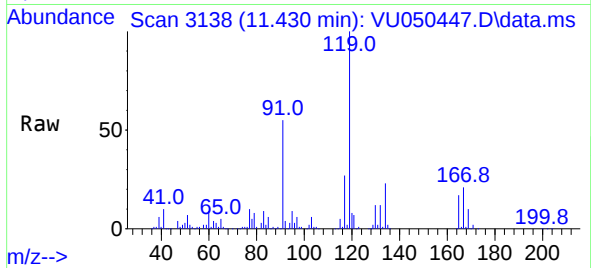




#61
Pentachloroethane
Concen: 10.924 ug/l
RT: 11.430 min Scan# 3139
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

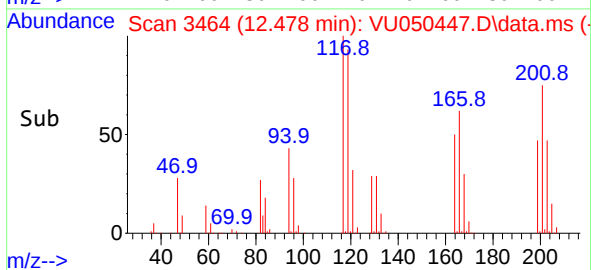
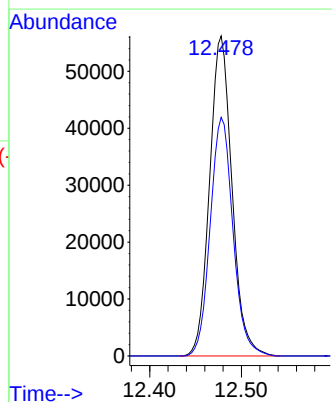
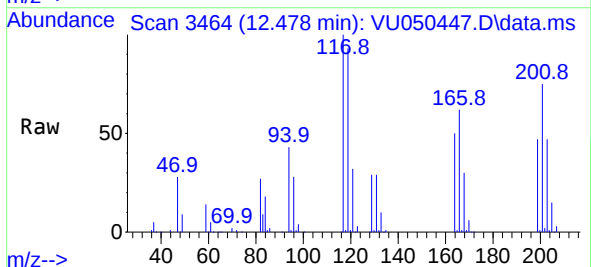
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

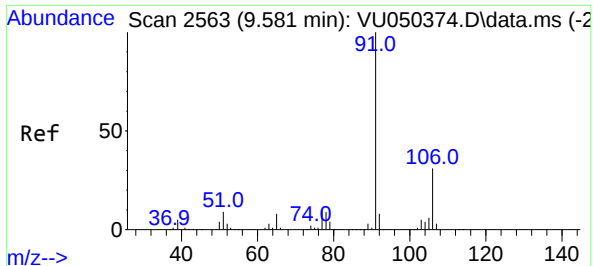
Tgt Ion:117 Resp: 105163
Ion Ratio Lower Upper
117 100
167 77.9 66.2 99.4



#62
Hexachloroethane
Concen: 11.909 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion:117 Resp: 95370
Ion Ratio Lower Upper
117 100
201 75.8 61.0 91.4





#63

Ethyl Benzene

Concen: 10.132 ug/l

RT: 9.571 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU050447.D

Acq: 25 Aug 2022 18:22

Instrument :

MSVOA_U

ClientSampleId :

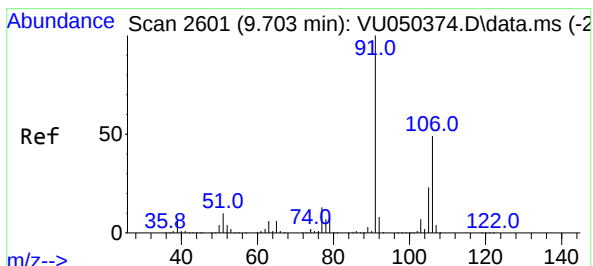
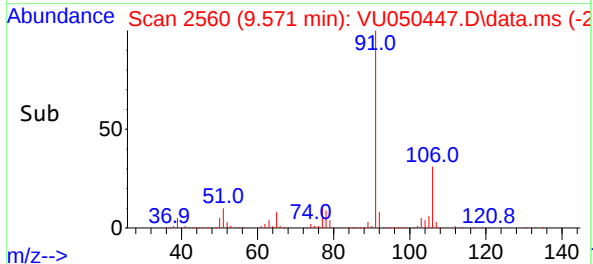
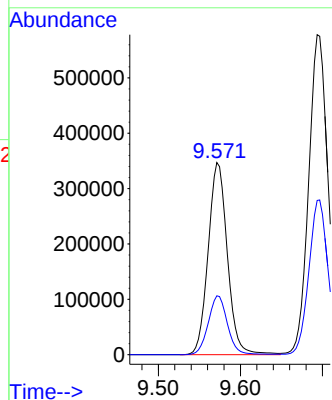
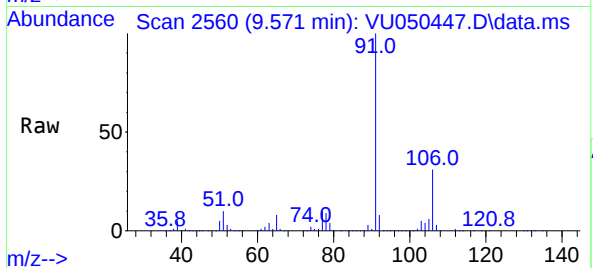
VSTDCCC010EC

Tgt Ion: 91 Resp: 564684

Ion Ratio Lower Upper

91 100

106 30.6 24.4 36.6



#64

m/p-Xylenes

Concen: 20.863 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU050447.D

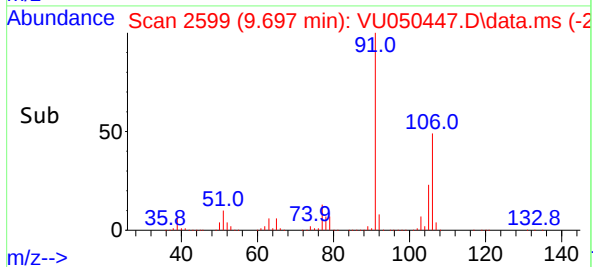
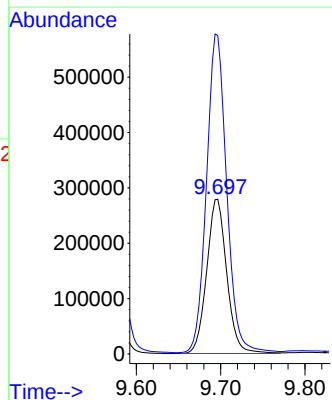
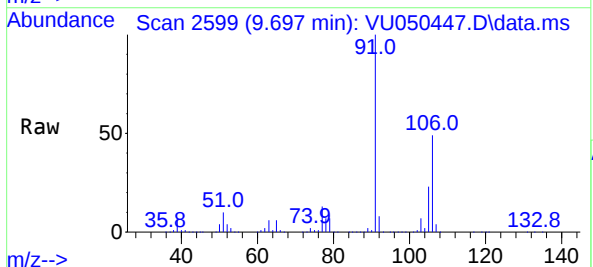
Acq: 25 Aug 2022 18:22

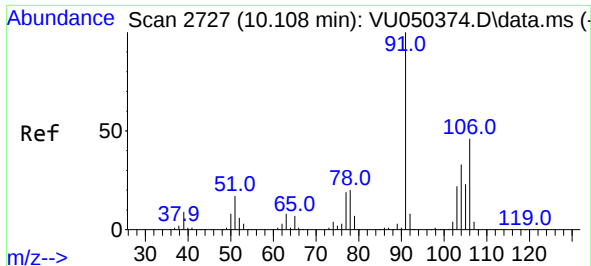
Tgt Ion: 106 Resp: 462299

Ion Ratio Lower Upper

106 100

91 207.2 167.8 251.6

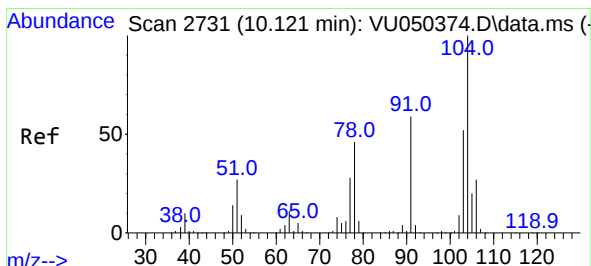
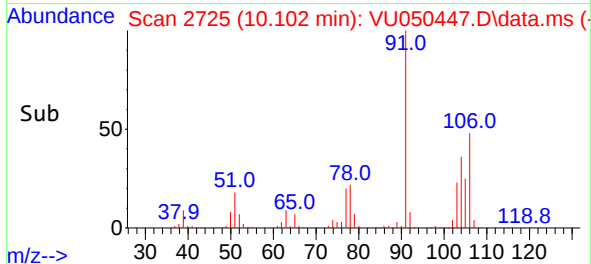
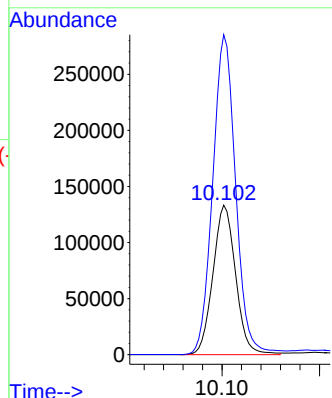
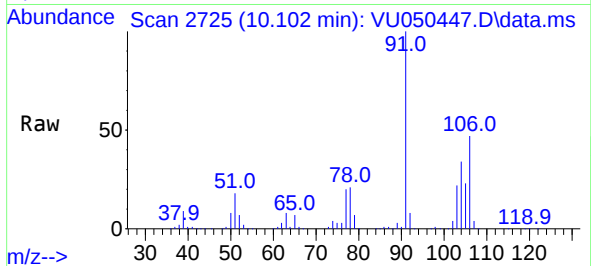




#65
o-Xylene
Concen: 10.447 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

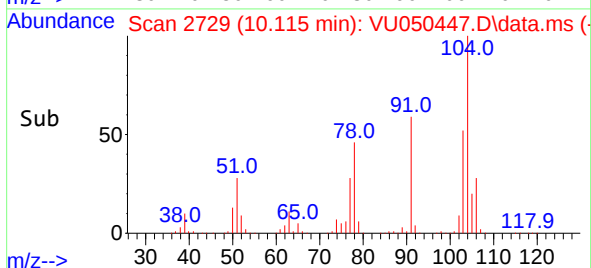
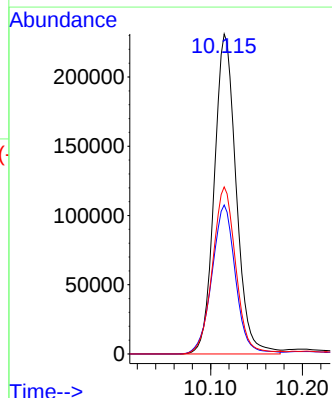
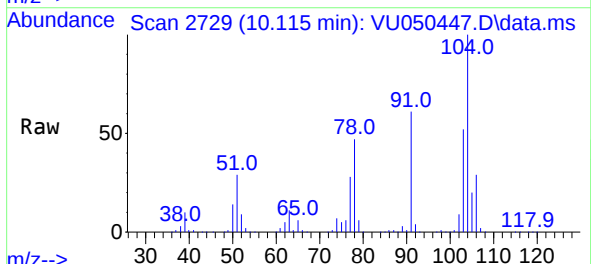
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

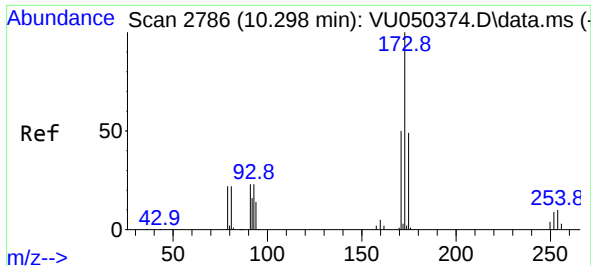
Tgt Ion:106 Resp: 215512
Ion Ratio Lower Upper
106 100
91 216.1 111.1 333.2



#66
Styrene
Concen: 10.445 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion:104 Resp: 384188
Ion Ratio Lower Upper
104 100
78 50.1 42.1 63.1
103 55.3 44.5 66.7

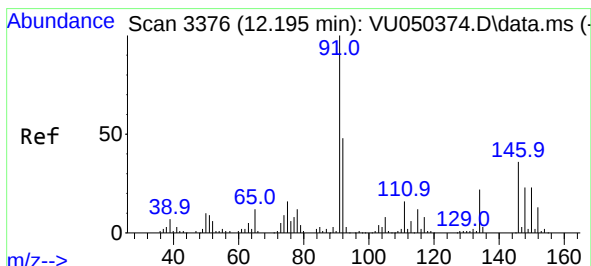
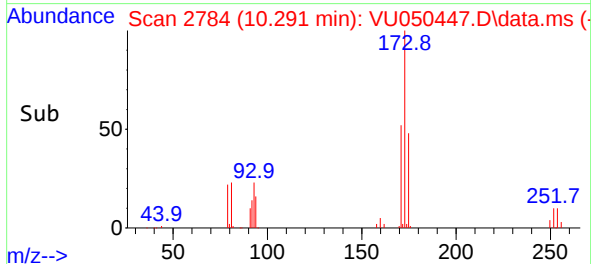
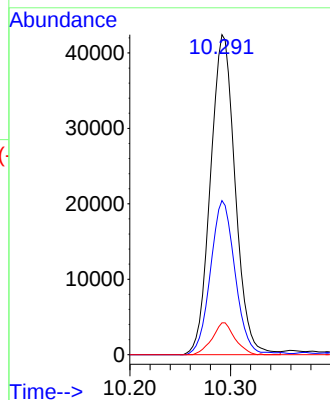
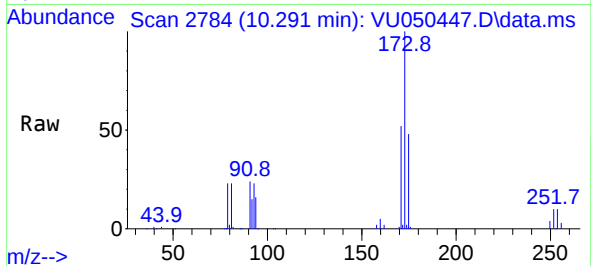




#67
Bromoform
Concen: 11.468 ug/l
RT: 10.291 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

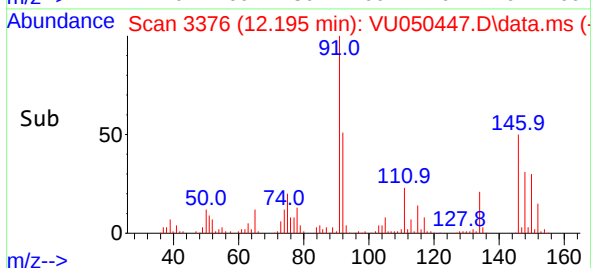
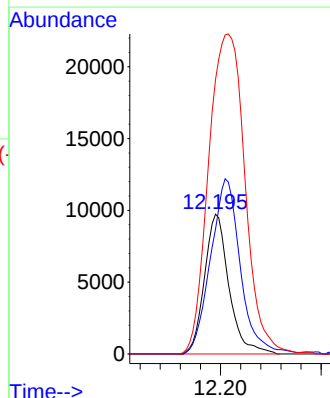
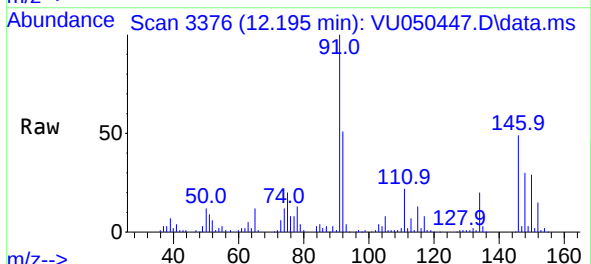
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

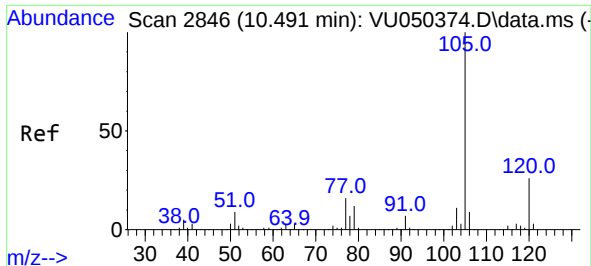
Tgt Ion:	173	Resp:	72323
Ion Ratio	Lower	Upper	
173	100		
175	48.2	38.4	57.6
254	9.2	7.7	11.5



#68
1,2-Dichlorobenzene-d4
Concen: 1.063 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion:	152	Resp:	16457
Ion Ratio	Lower	Upper	
152	100		
115	152.1	0.0	254.6
150	339.3	0.0	623.6

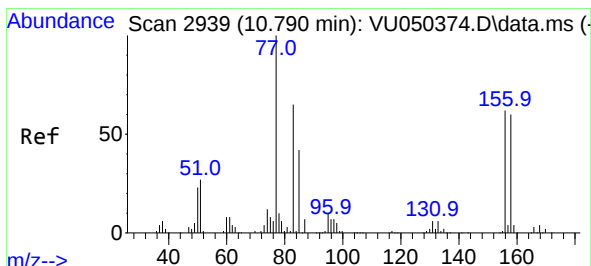
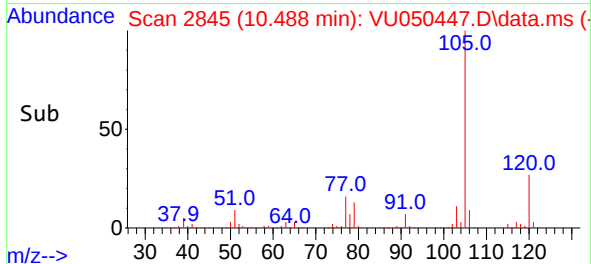
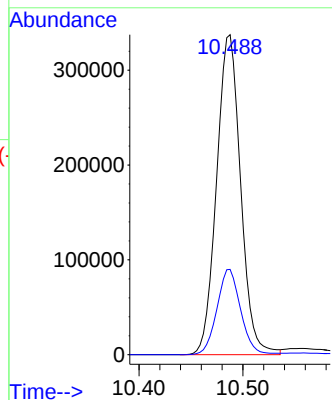
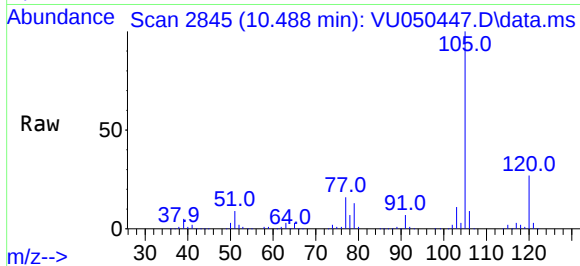




#69
Isopropylbenzene
Concen: 9.982 ug/l
RT: 10.488 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

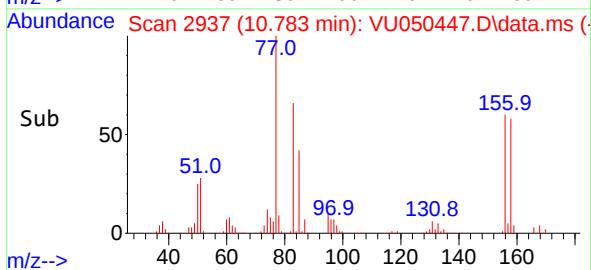
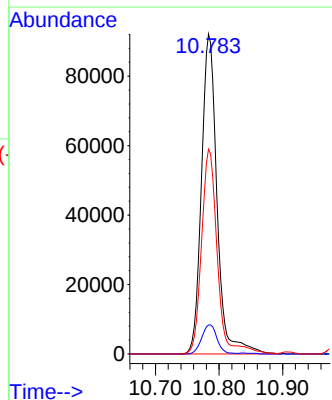
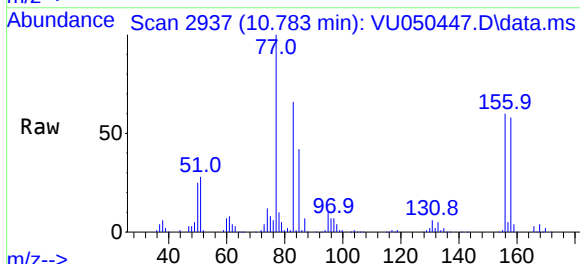
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

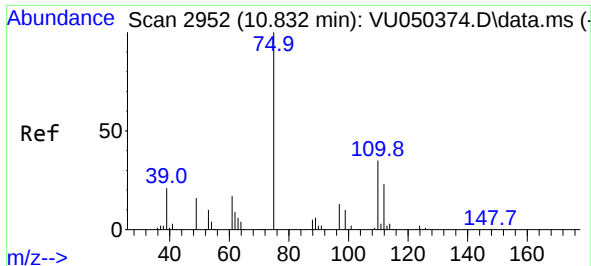
Tgt Ion:105 Resp: 543056
Ion Ratio Lower Upper
105 100
120 26.2 12.6 37.8



#70
1,1,2,2-Tetrachloroethane
Concen: 11.275 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 83 Resp: 156638
Ion Ratio Lower Upper
83 100
131 9.0 7.7 11.5
85 64.7 51.2 76.8



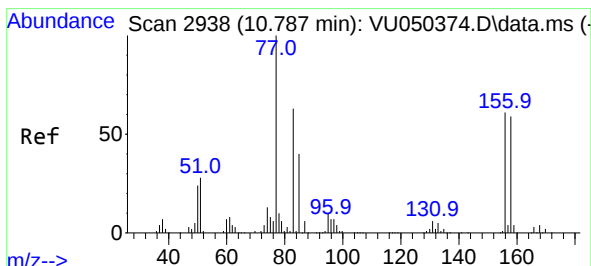
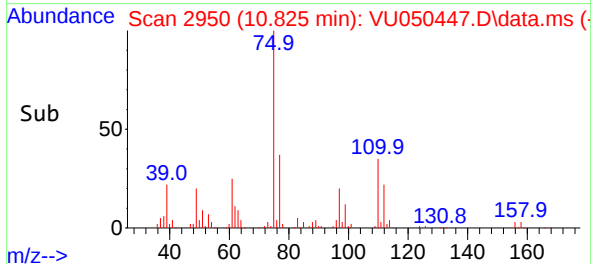
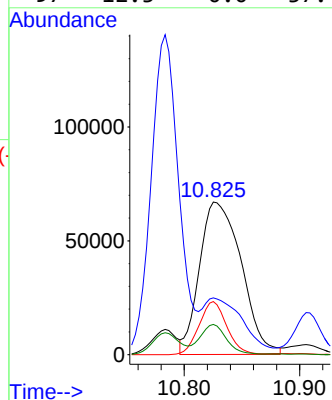
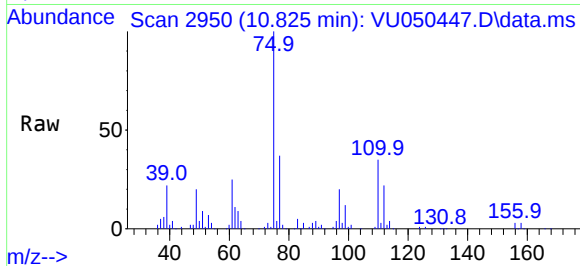


#71
1,2,3-Trichloropropane
Concen: 16.138 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 168602

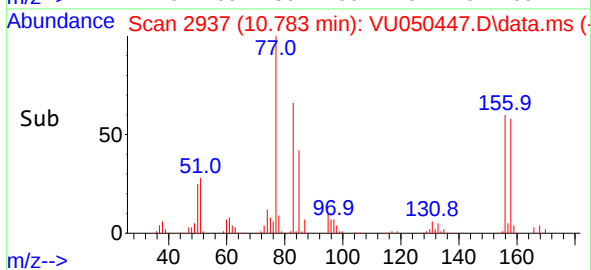
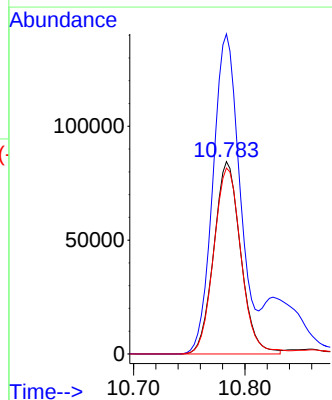
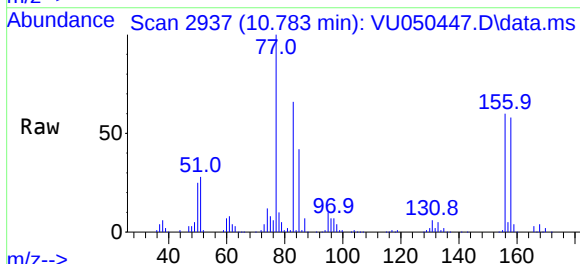
Ion	Ratio	Lower	Upper
75	100		
77	32.4	0.0	112.4
110	23.2	0.0	70.6
97	12.3	0.0	37.4

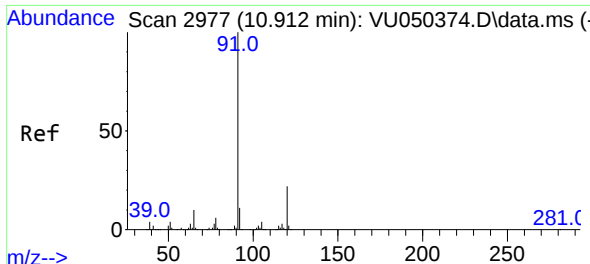


#72
Bromobenzene
Concen: 11.890 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 156 Resp: 141275

Ion	Ratio	Lower	Upper
156	100		
77	167.2	0.0	344.4
158	98.7	0.0	192.2

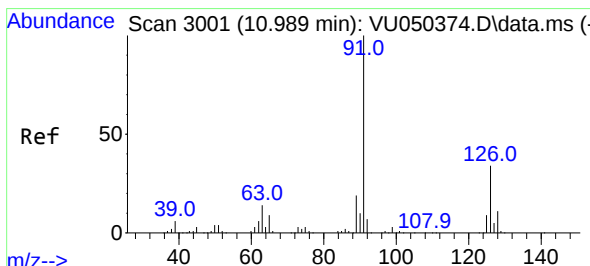
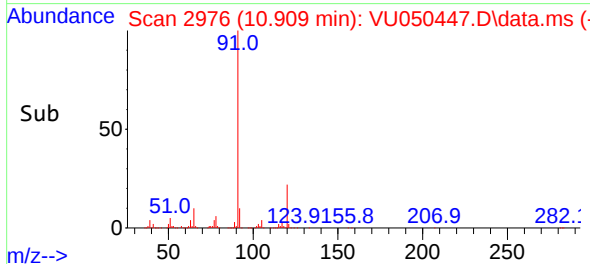
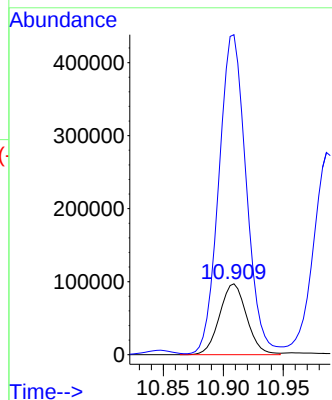
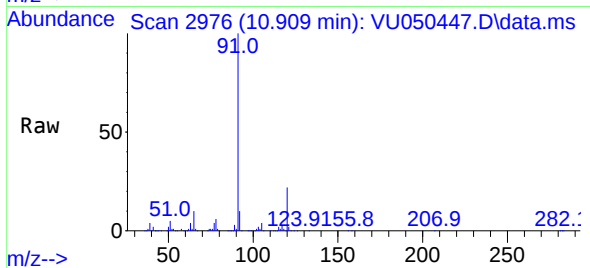




#73
n-propylbenzene
Concen: 10.029 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

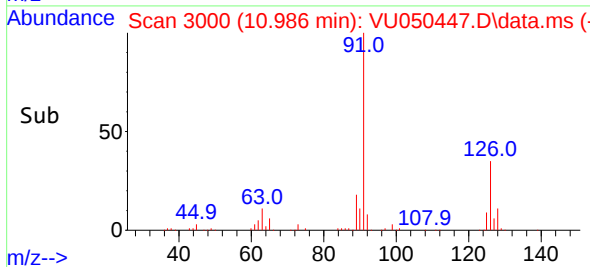
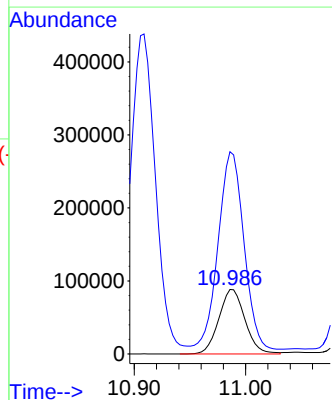
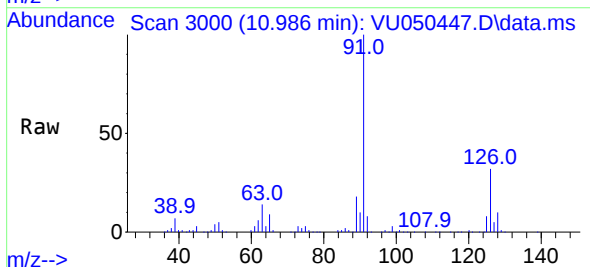
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

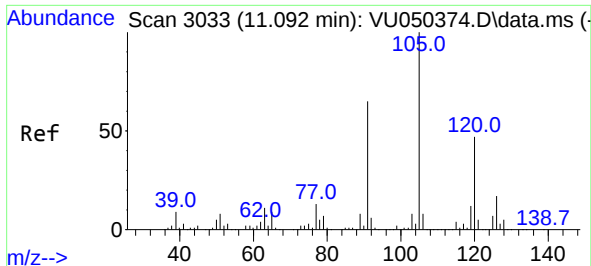
Tgt Ion:120 Resp: 152400
Ion Ratio Lower Upper
120 100
91 455.2 367.8 551.6



#74
2-Chlorotoluene
Concen: 10.448 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion:126 Resp: 143984
Ion Ratio Lower Upper
126 100
91 304.4 0.0 620.6

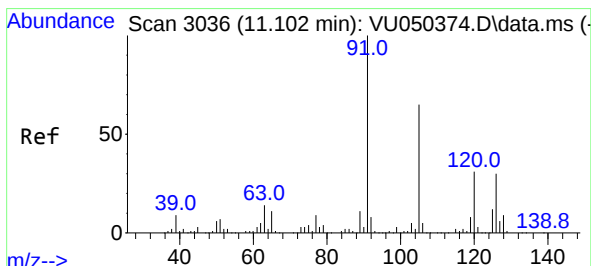
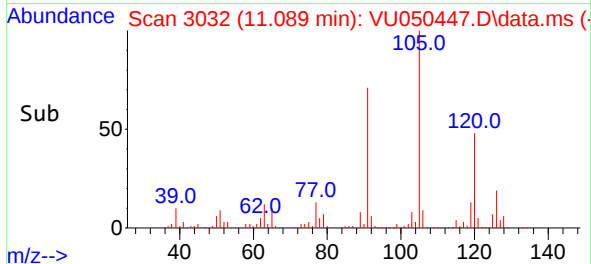
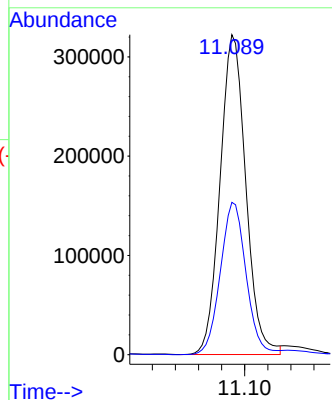
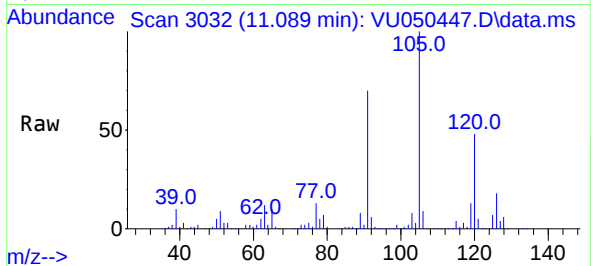




#75
1,3,5-Trimethylbenzene
Concen: 10.224 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

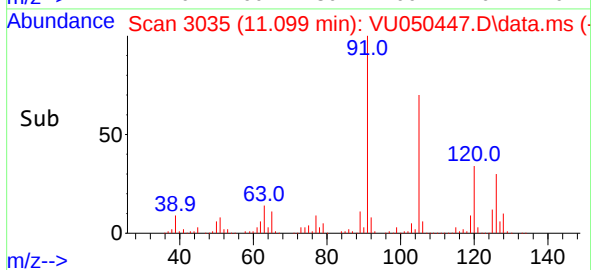
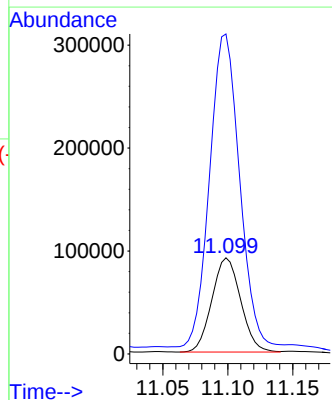
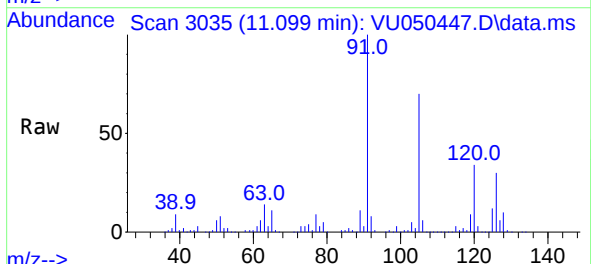
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

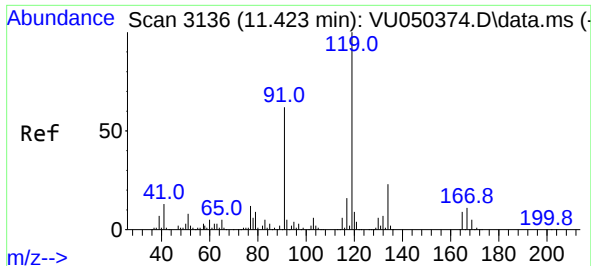
Tgt Ion:105 Resp: 498022
Ion Ratio Lower Upper
105 100
120 47.6 37.6 56.4



#76
4-Chlorotoluene
Concen: 9.797 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion:126 Resp: 140464
Ion Ratio Lower Upper
126 100
91 379.6 0.0 738.8

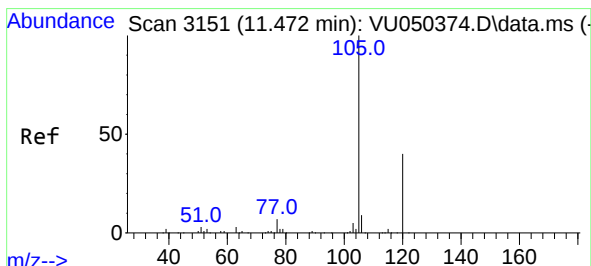
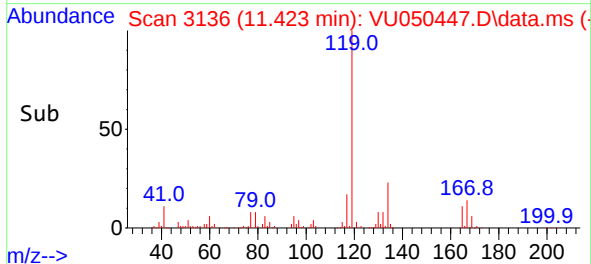
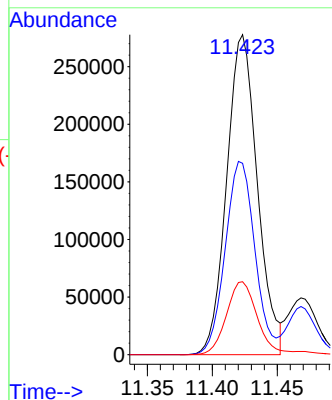
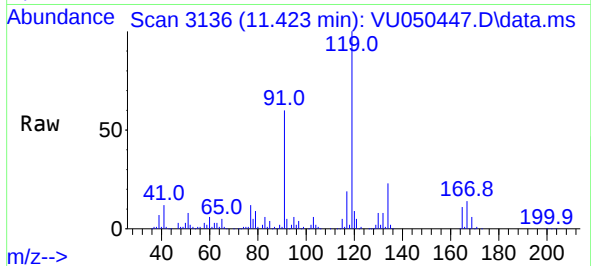




#77
tert-Butylbenzene
Concen: 9.997 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

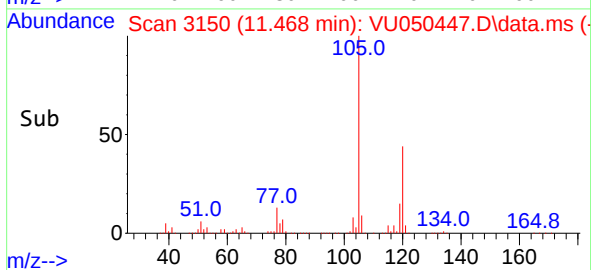
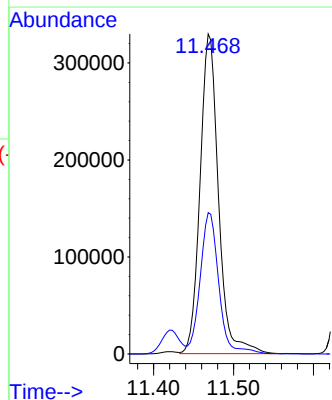
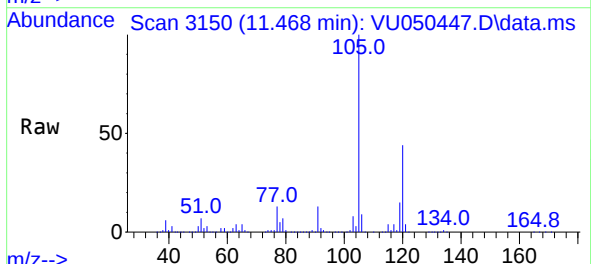
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

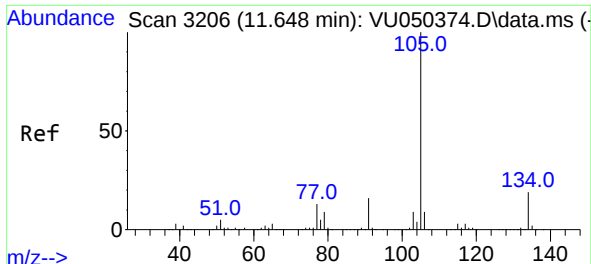
Tgt Ion:119 Resp: 457935
Ion Ratio Lower Upper
119 100
91 58.2 30.4 91.3
134 23.5 17.8 26.6



#78
1,2,4-Trimethylbenzene
Concen: 10.347 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion:105 Resp: 527588
Ion Ratio Lower Upper
105 100
120 45.0 21.6 65.0

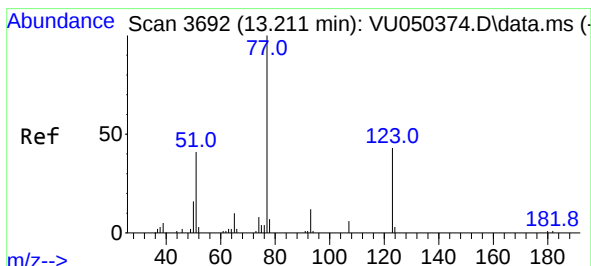
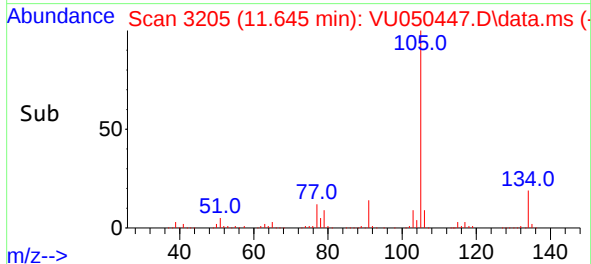
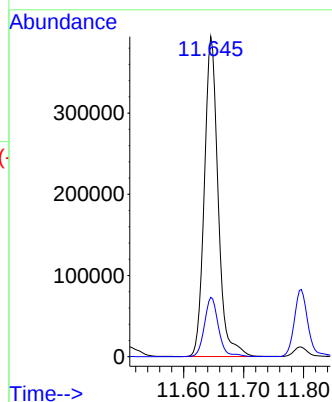
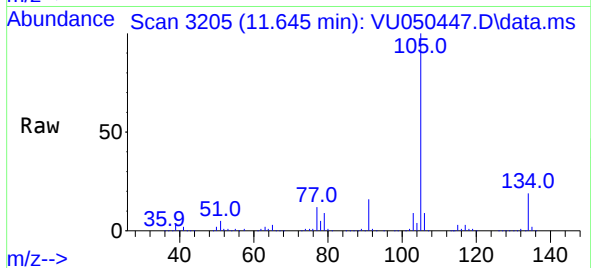




#79
 sec-Butylbenzene
 Concen: 10.053 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU050447.D
 Acq: 25 Aug 2022 18:22

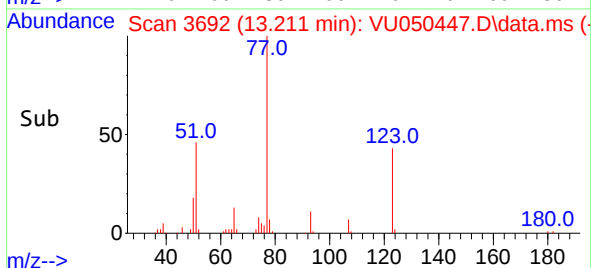
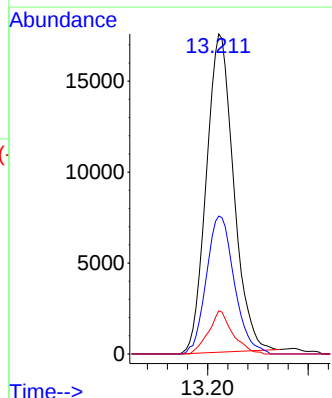
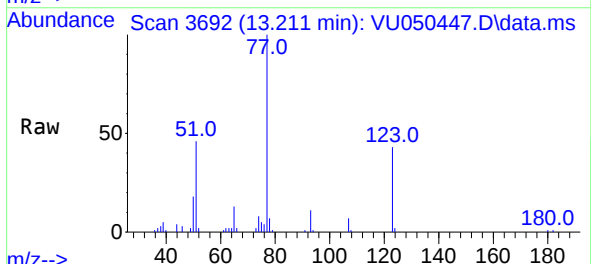
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

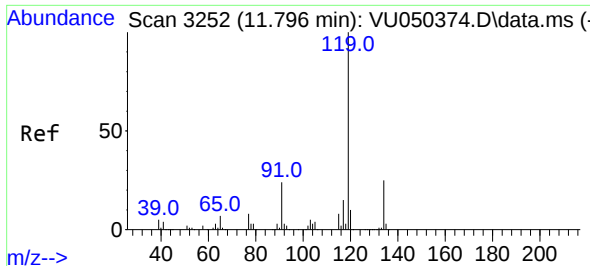
Tgt Ion:105 Resp: 630506
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.4 23.0



#80
 Nitrobenzene
 Concen: 43.783 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.003 min
 Lab File: VU050447.D
 Acq: 25 Aug 2022 18:22

Tgt Ion: 77 Resp: 32998
 Ion Ratio Lower Upper
 77 100
 123 44.4 18.1 64.3
 65 12.0 10.8 13.8

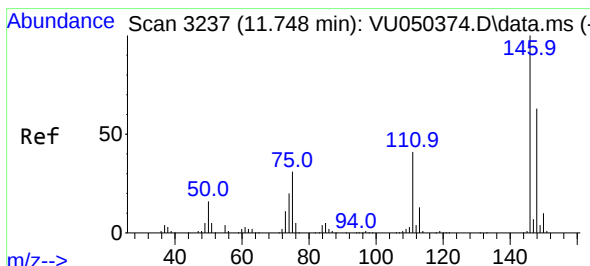
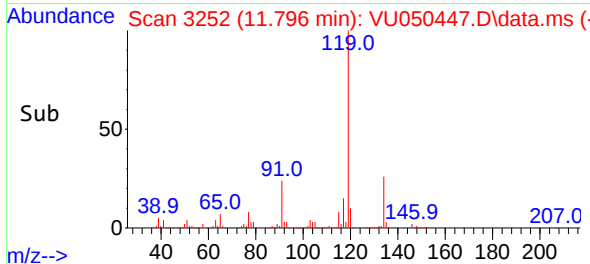
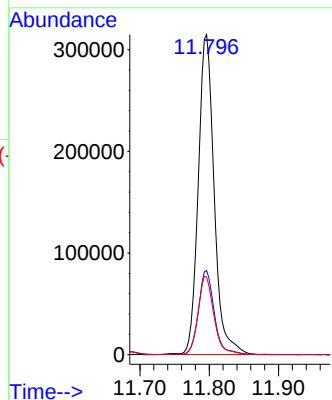
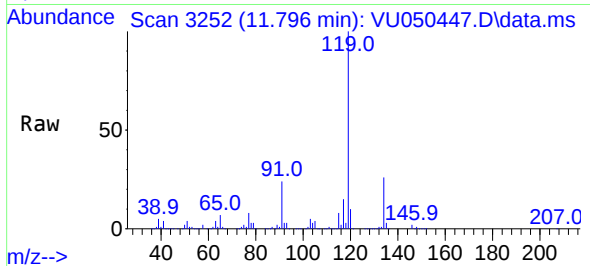




#81
p-Isopropyltoluene
Concen: 9.819 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

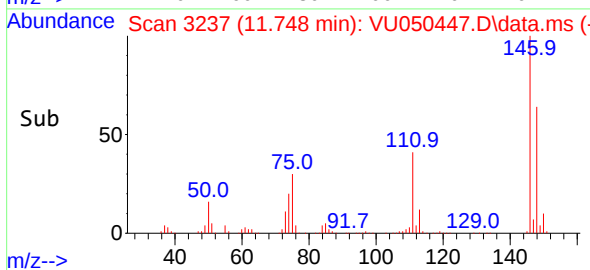
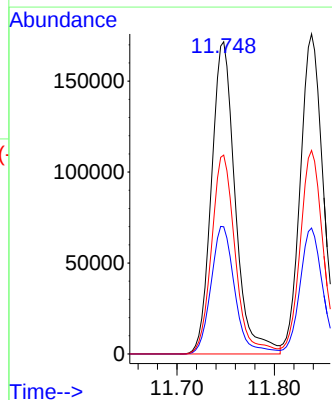
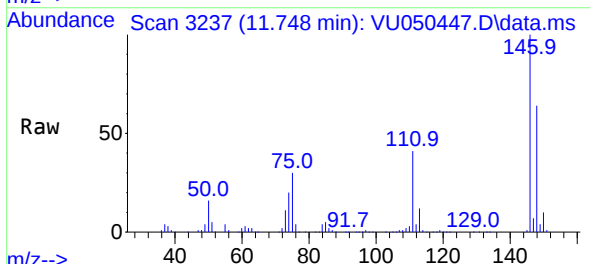
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

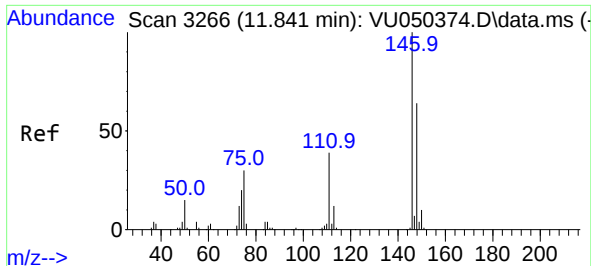
Tgt Ion:119 Resp: 502364
Ion Ratio Lower Upper
119 100
134 26.1 20.5 30.7
91 24.2 19.8 29.6



#82
1,3-Dichlorobenzene
Concen: 11.897 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion:146 Resp: 291091
Ion Ratio Lower Upper
146 100
111 41.1 33.4 50.2
148 63.5 51.2 76.8

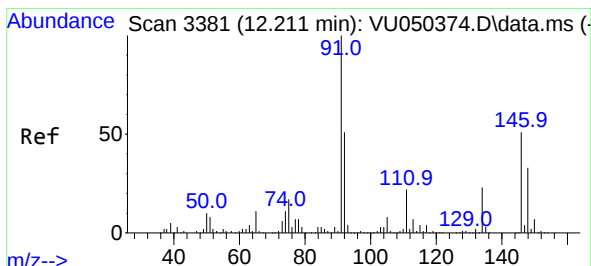
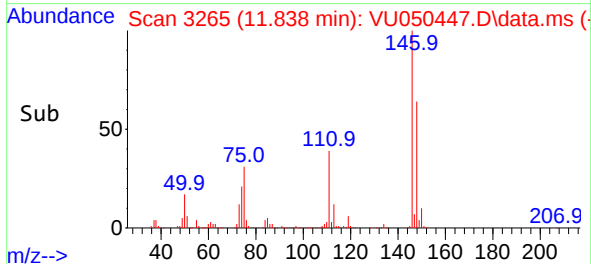
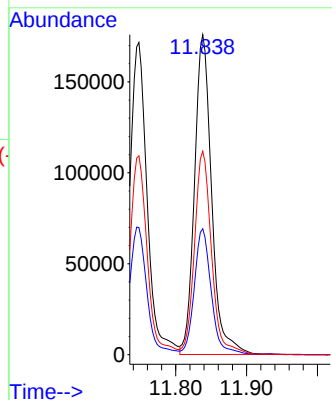
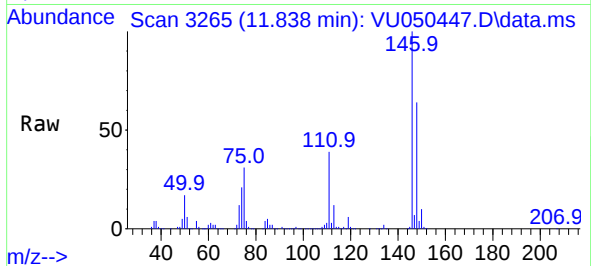




#83
1,4-Dichlorobenzene
Concen: 12.119 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

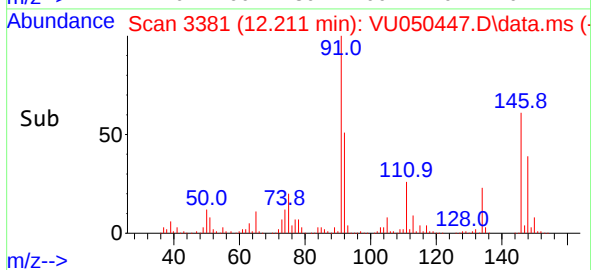
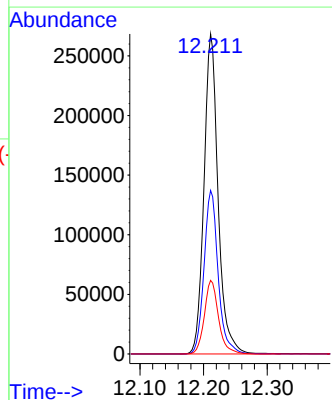
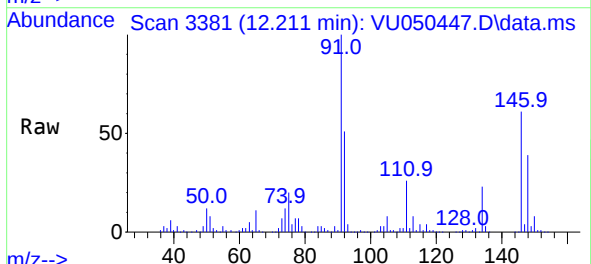
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

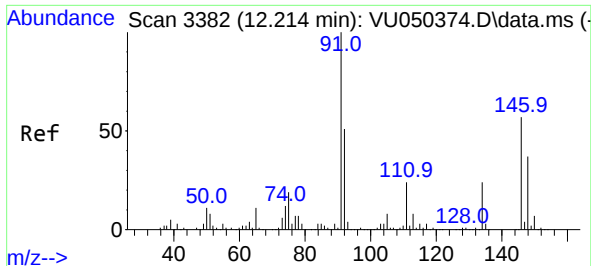
Tgt Ion:146 Resp: 294772
Ion Ratio Lower Upper
146 100
111 38.7 32.6 49.0
148 63.6 51.6 77.4



#84
n-Butylbenzene
Concen: 8.885 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 91 Resp: 413178
Ion Ratio Lower Upper
91 100
92 51.2 42.3 63.5
134 23.1 19.6 29.4

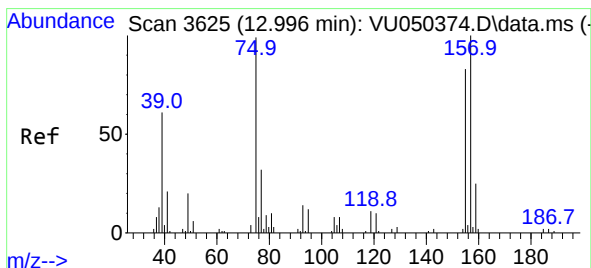
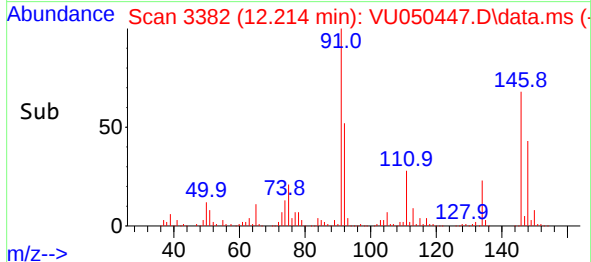
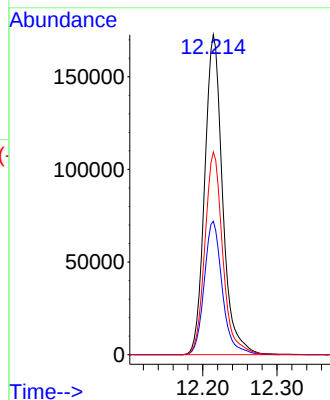
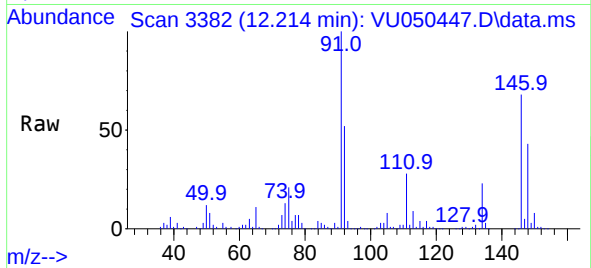




#85
 1,2-Dichlorobenzene
 Concen: 12.008 ug/l
 RT: 12.214 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU050447.D
 Acq: 25 Aug 2022 18:22

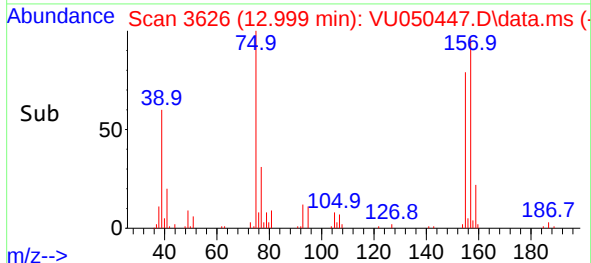
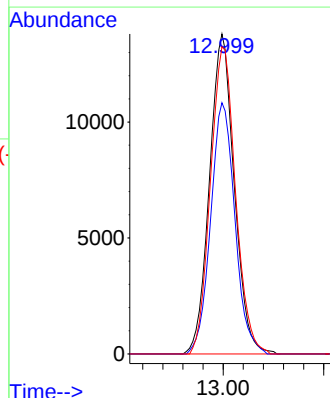
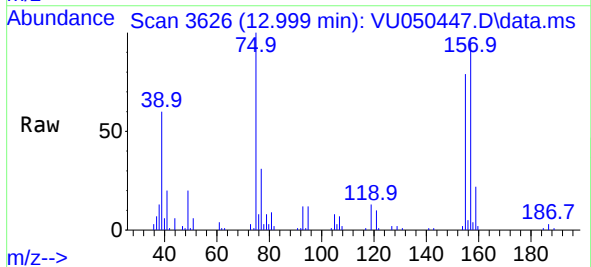
Instrument :
 MSVOA_U
 ClientSampleId :
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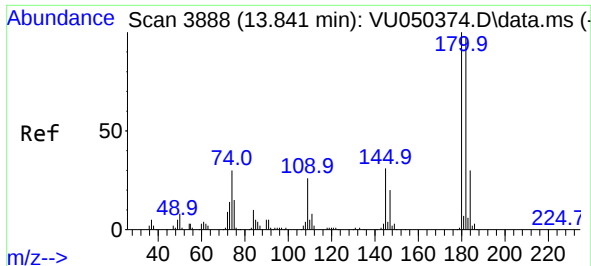
Tgt Ion:146 Resp: 288814
 Ion Ratio Lower Upper
 146 100
 111 42.1 22.1 66.1
 148 63.4 32.1 96.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.726 ug/l
 RT: 12.999 min Scan# 3626
 Delta R.T. 0.003 min
 Lab File: VU050447.D
 Acq: 25 Aug 2022 18:22

Tgt Ion: 75 Resp: 23514
 Ion Ratio Lower Upper
 75 100
 155 77.2 66.8 100.2
 157 97.4 83.8 125.8

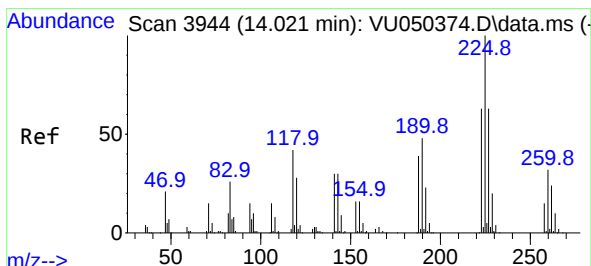
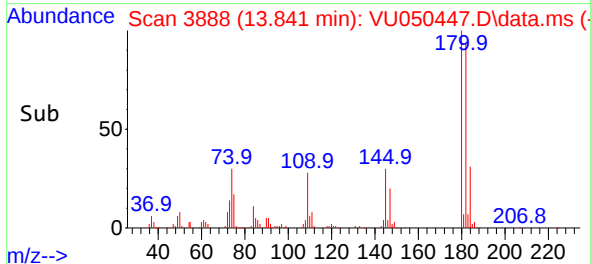
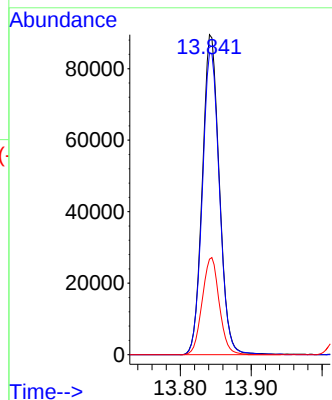
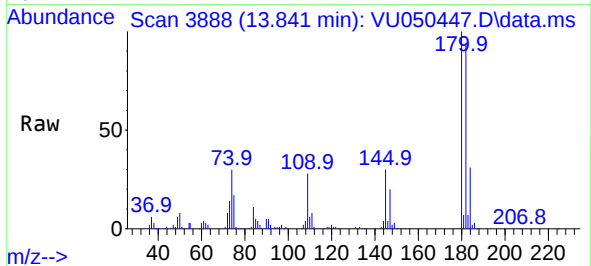




#87
 1,2,4-Trichlorobenzene
 Concen: 10.844 ug/l
 RT: 13.841 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU050447.D
 Acq: 25 Aug 2022 18:22

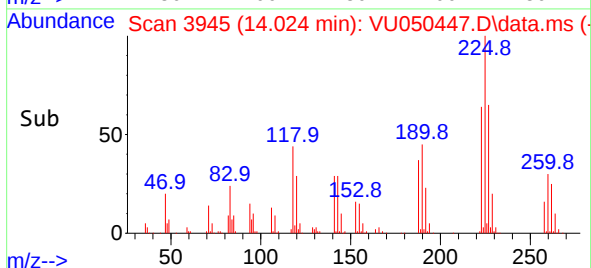
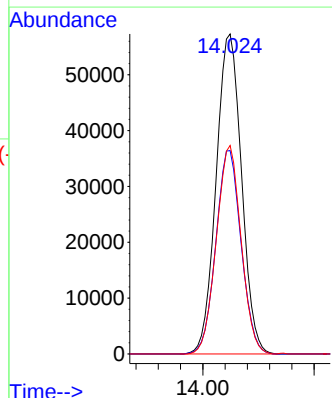
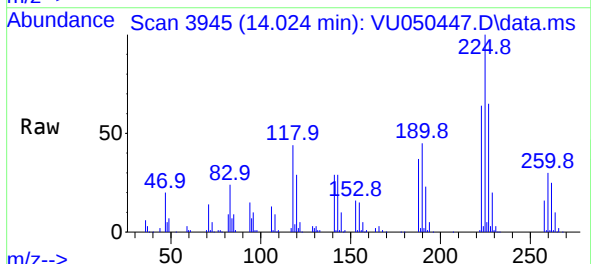
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 ClientSampleId :
 VSTDCCC010EC

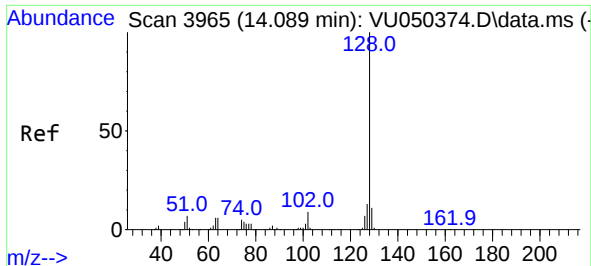
Tgt Ion:180 Resp: 148809
 Ion Ratio Lower Upper
 180 100
 182 95.7 77.0 115.6
 145 30.5 25.7 38.5



#88
 Hexachlorobutadiene
 Concen: 10.159 ug/l
 RT: 14.024 min Scan# 3945
 Delta R.T. 0.003 min
 Lab File: VU050447.D
 Acq: 25 Aug 2022 18:22

Tgt Ion:225 Resp: 90733
 Ion Ratio Lower Upper
 225 100
 223 63.2 50.6 76.0
 227 63.4 50.7 76.1

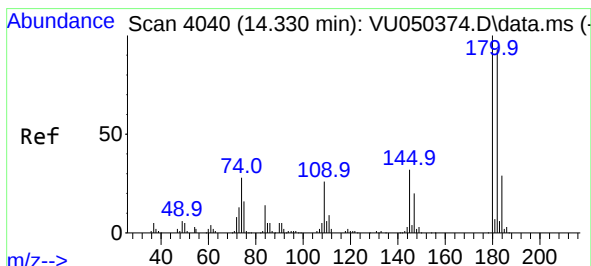
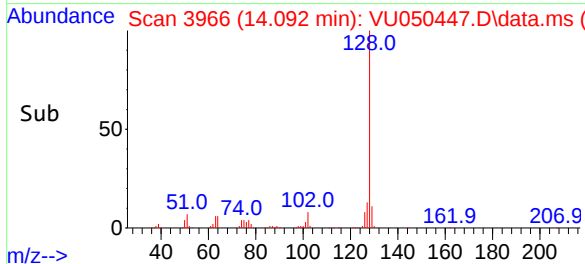
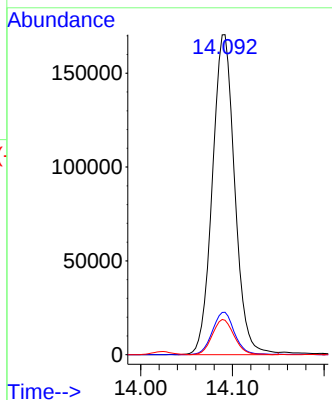
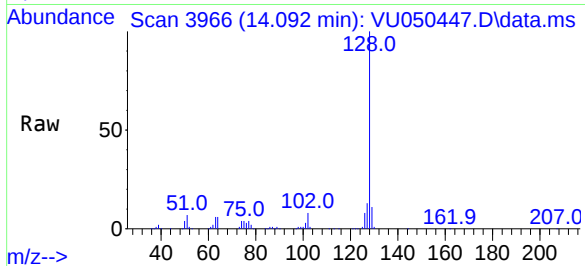




#89
Naphthalene
Concen: 7.972 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:	128	Resp:	288644
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.1	15.1
129	10.7	8.6	12.8



#90
1,2,3-Trichlorobenzene
Concen: 8.937 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU050447.D
Acq: 25 Aug 2022 18:22

Tgt Ion:	180	Resp:	157471
Ion Ratio	Lower	Upper	
180	100		
182	96.4	76.6	114.8
145	33.4	27.3	40.9

