

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
 Data File : VY010726.D
 Acq On : 28 Sep 2022 18:52
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Sep 29 01:15:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	1148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	971	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124	74.507	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	149.020%	
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount 50.000	Range 54	- 147	Recovery	=	0.000%#	
50) Toluene-d8	10.179	98	688	26.944	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	53.880%	
62) 4-Bromofluorobenzene	12.477	95	9330	978.609	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	1957.220%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	366	334.143	ug/l	96
4) Vinyl Chloride	2.308	62	26	14.407	ug/l #	43
5) Bromomethane	2.644	94	555	583.744	ug/l	98
6) Chloroethane	2.729	64	21	17.133	ug/l #	43
10) Methyl Iodide	4.088	142	801	503.904	ug/l #	74
11) Tert butyl alcohol	4.924	59	1947	13673.050	ug/l #	77
12) 1,1-Dichloroethene	3.710	96	41	33.369	ug/l #	1
14) Allyl chloride	4.716	41	435	234.833	ug/l #	22
15) Acrylonitrile	5.167	53	94	231.032	ug/l #	36
16) Acetone	3.948	43	1361	4010.163	ug/l #	89
17) Carbon Disulfide	4.192	76	40	13.229	ug/l #	75
18) Methyl Acetate	4.210	43	600	649.673	ug/l #	56
19) Methyl tert-butyl Ether	5.222	73	213	55.604	ug/l #	52
20) Methylene Chloride	4.710	84	13732	9943.037	ug/l #	81
22) Diisopropyl ether	6.106	45	169	38.650	ug/l #	77
23) Vinyl Acetate	6.058	43	191	73.942	ug/l #	75
25) 2-Butanone	6.990	43	2063	3886.189	ug/l #	80
26) 2,2-Dichloropropane	6.972	77	2740	1085.738	ug/l #	55
27) cis-1,2-Dichloroethene	6.972	96	23	13.352	ug/l #	1
29) Tetrahydrofuran	7.356	42	274	840.362	ug/l #	50
36) 1,1-Dichloropropene	7.923	75	315	38.587	ug/l #	42
37) Ethyl Acetate	6.990	43	2063	437.526	ug/l #	1
40) Benzene	8.161	78	1803	74.087	ug/l	90
41) Methacrylonitrile	7.289	41	21	8.732	ug/l #	1
43) Isopropyl Acetate	8.338	43	100	11.570	ug/l #	56
44) Trichloroethene	8.941	130	102	14.641	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	648	132.795	ug/l	90
52) Toluene	10.246	92	387	24.304	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	27	2.925	ug/l #	43
55) 1,1,2-Trichloroethane	10.569	97	60	11.033	ug/l #	15
57) 1,3-Dichloropropane	10.782	76	72	7.993	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.783	63	45	30.836	ug/l #	48
59) 2-Hexanone	10.831	43	129	39.003	ug/l #	28
60) Dibromochloromethane	10.727	129	161	24.193	ug/l #	11
61) 1,2-Dibromoethane	10.935	107	27	5.303	ug/l #	3
64) Tetrachloroethene	10.715	164	147	22.663	ug/l #	43

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 ALS Vial : 24 Sample Multiplier: 1

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

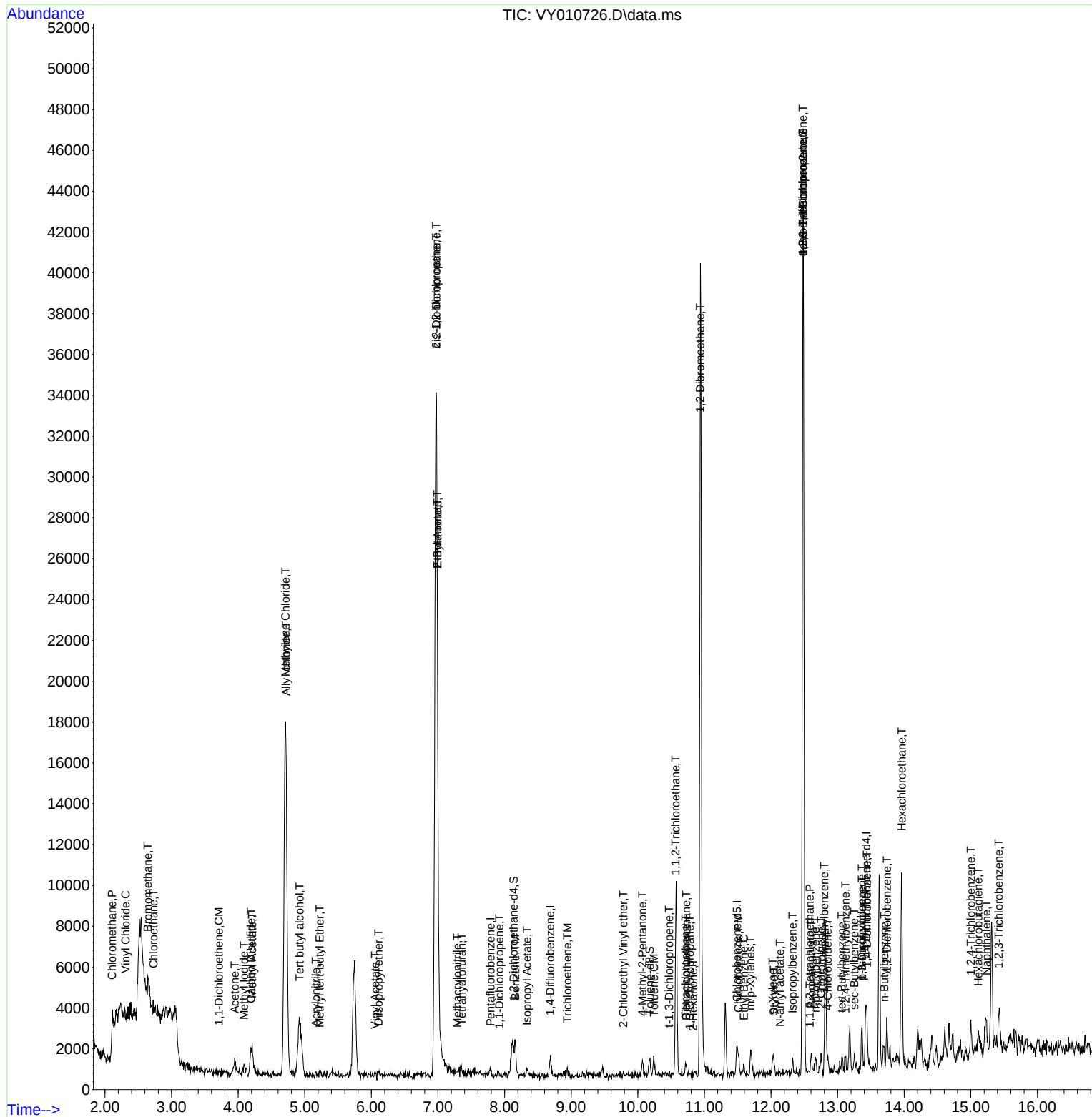
65) Chlorobenzene	11.514	112	615	36.628	ug/l #	80
67) Ethyl Benzene	11.593	91	518	17.569	ug/l #	76
68) m/p-Xylenes	11.691	106	439	38.435	ug/l	97
69) o-Xylene	12.026	106	195	17.511	ug/l	99
70) Styrene	12.044	104	386	20.404	ug/l #	88
73) Isopropylbenzene	12.325	105	540	9.140	ug/l	77
74) N-amyl acetate	12.136	43	52	3.629	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.581	83	22	1.827	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	5026	550.832	ug/l #	100
77) Bromobenzene	12.605	156	317	22.550	ug/l	90
78) n-propylbenzene	12.666	91	789	11.211	ug/l	95
79) 2-Chlorotoluene	12.751	91	626	15.611	ug/l	96
80) 1,3,5-Trimethylbenzene	12.800	105	603	12.079	ug/l	85
81) trans-1,4-Dichloro-2-b...	12.477	75	5026	1224.739	ug/l #	7
82) 4-Chlorotoluene	12.849	91	662	15.988	ug/l	85
83) tert-Butylbenzene	13.062	119	495	11.087	ug/l #	81
84) 1,2,4-Trimethylbenzene	13.117	105	620	12.501	ug/l	100
85) sec-Butylbenzene	13.251	105	730	11.164	ug/l	84
86) p-Isopropyltoluene	13.367	119	498	9.114	ug/l	92
87) 1,3-Dichlorobenzene	13.367	146	676	23.692	ug/l	94
88) 1,4-Dichlorobenzene	13.440	146	847	29.993	ug/l	97
89) n-Butylbenzene	13.703	91	763	15.211	ug/l	96
90) Hexachloroethane	13.965	117	77	7.339	ug/l #	6
91) 1,2-Dichlorobenzene	13.739	146	708	27.855	ug/l	92
93) 1,2,4-Trichlorobenzene	15.001	180	568	36.633	ug/l	77
94) Hexachlorobutadiene	15.111	225	65	6.897	ug/l #	1
95) Naphthalene	15.233	128	1692	54.158	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.422	180	442	32.739	ug/l	68

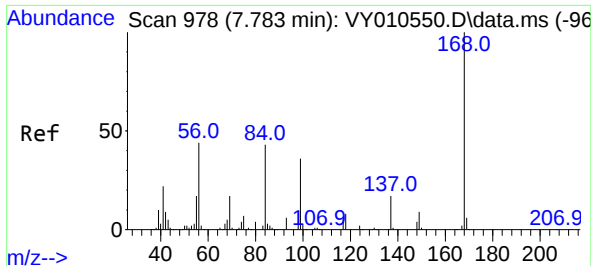
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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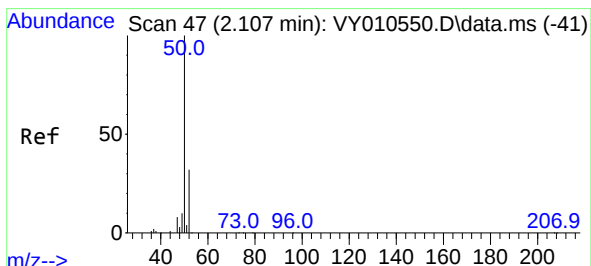
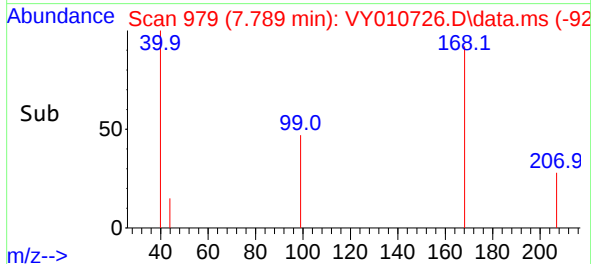
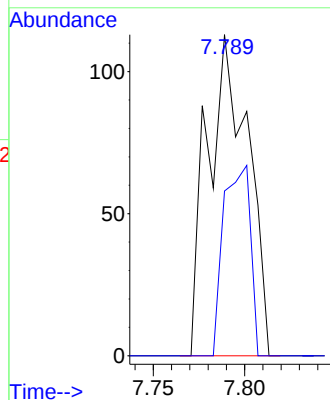
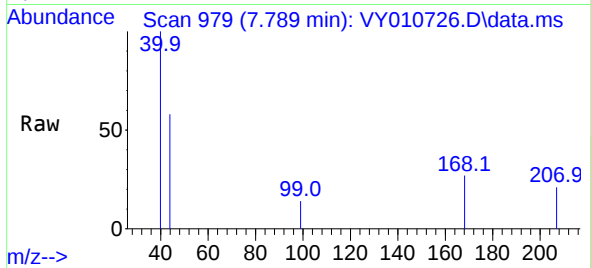




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

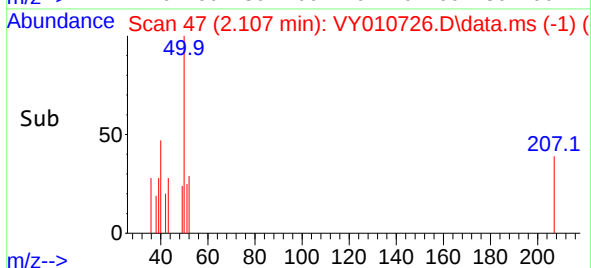
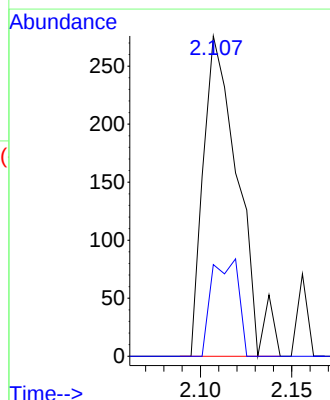
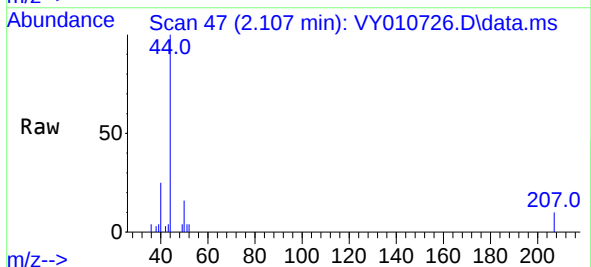
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

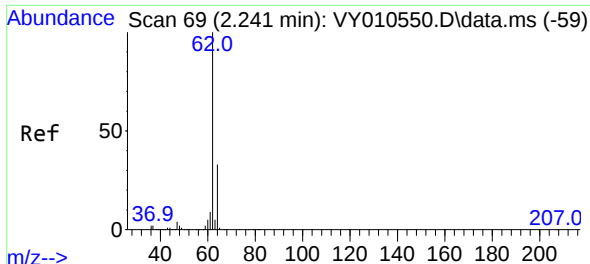
Tgt Ion:168 Resp: 174
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#3
Chloromethane
Concen: 334.143 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion: 50 Resp: 366
Ion Ratio Lower Upper
50 100
52 28.6 24.6 37.0

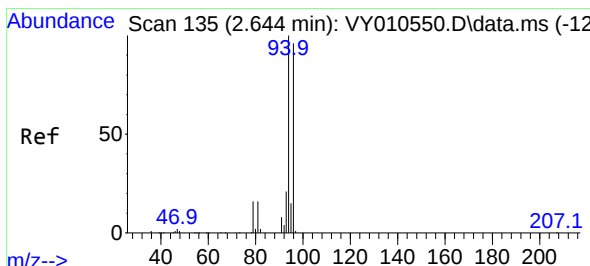
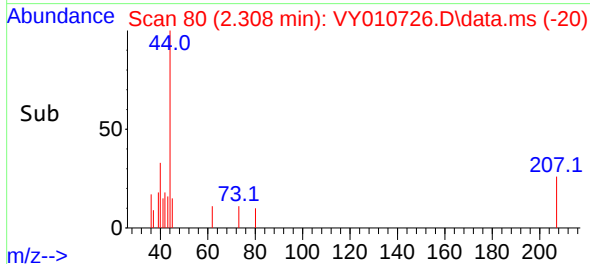
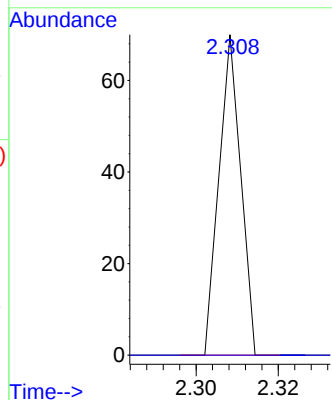
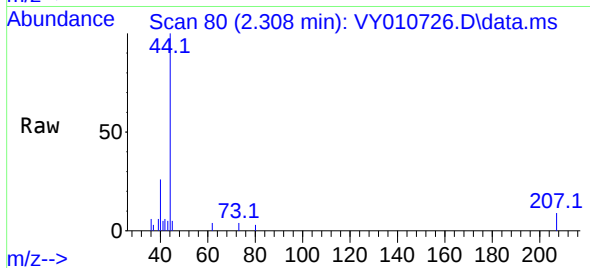




#4
 Vinyl Chloride
 Concen: 14.407 ug/l
 RT: 2.308 min Scan# 80
 Delta R.T. 0.067 min
 Lab File: VY010726.D
 Acq: 28 Sep 2022 18:52

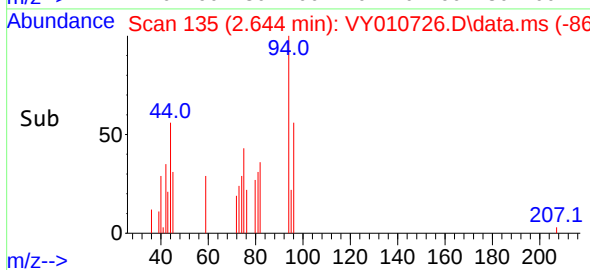
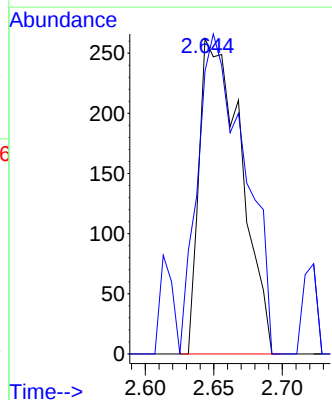
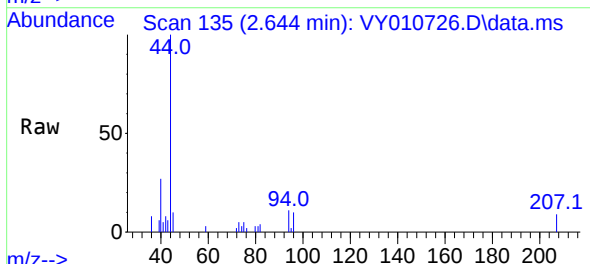
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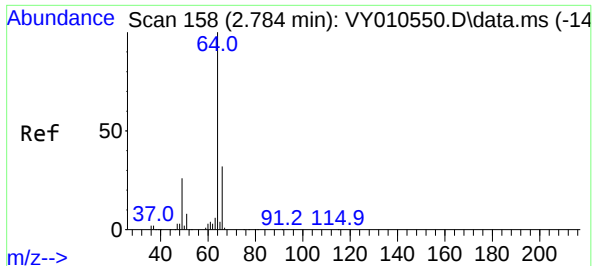
Tgt Ion: 62 Resp: 26
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: 583.744 ug/l
 RT: 2.644 min Scan# 135
 Delta R.T. -0.000 min
 Lab File: VY010726.D
 Acq: 28 Sep 2022 18:52

Tgt Ion: 94 Resp: 555
 Ion Ratio Lower Upper
 94 100
 96 89.7 73.5 110.3

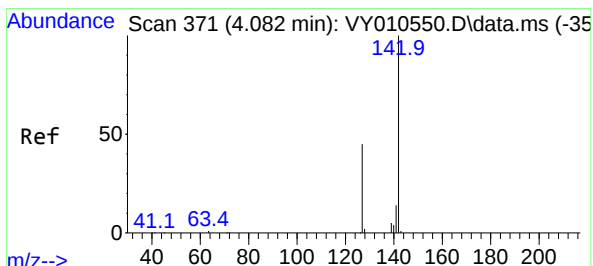
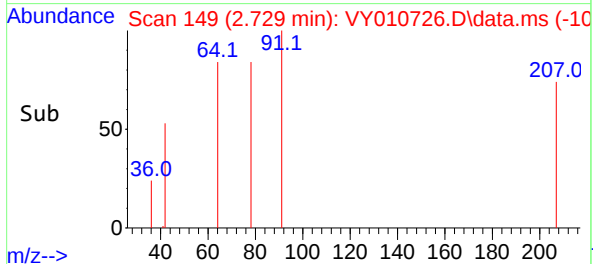
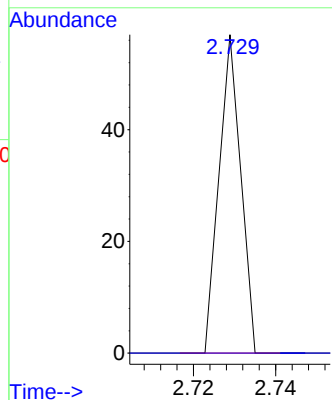
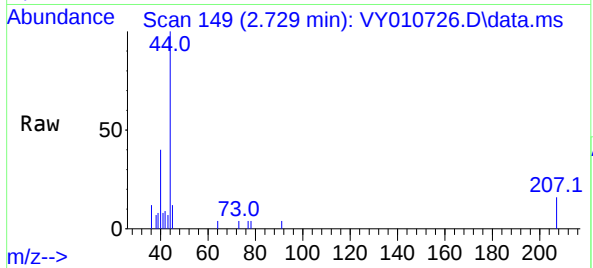




#6
Chloroethane
Concen: 17.133 ug/l
RT: 2.729 min Scan# 149
Delta R.T. -0.055 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

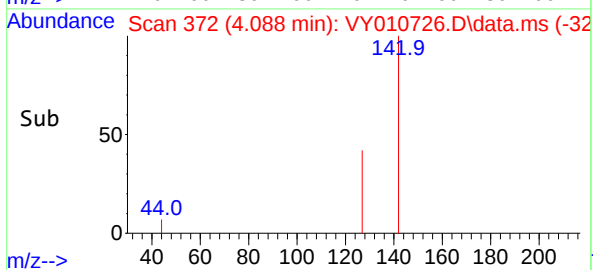
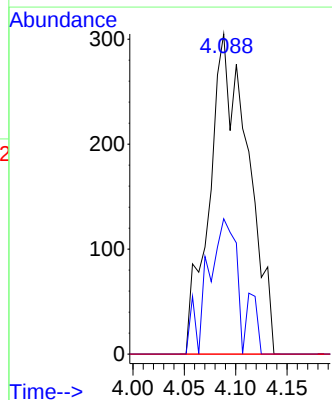
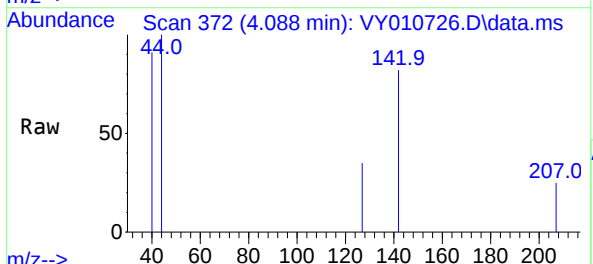
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

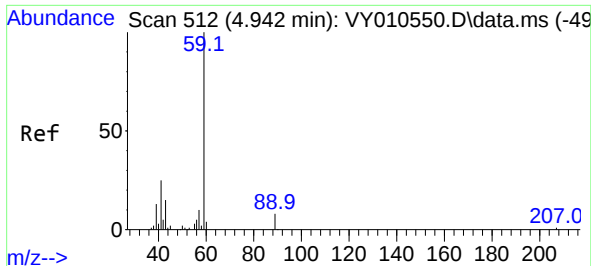
Tgt Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 503.904 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion:142 Resp: 801
Ion Ratio Lower Upper
142 100
127 35.7 41.5 62.3#
141 0.0 11.9 17.9#

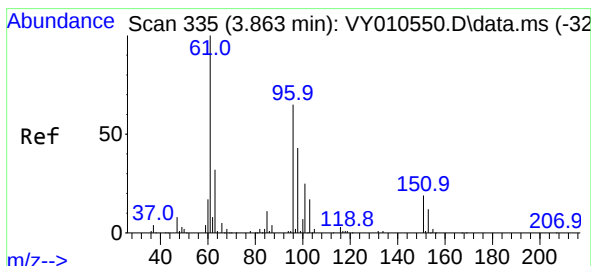
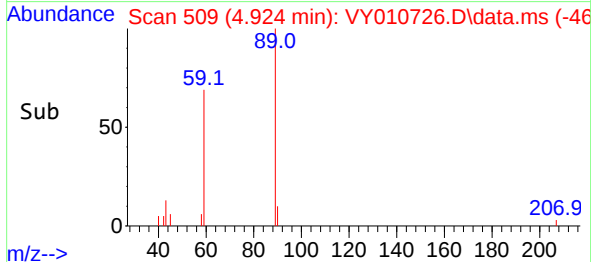
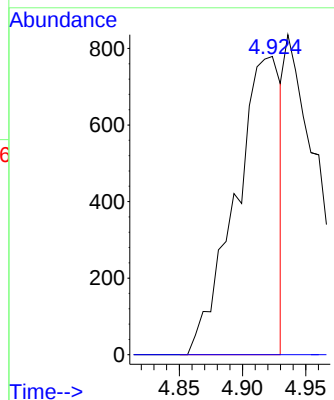
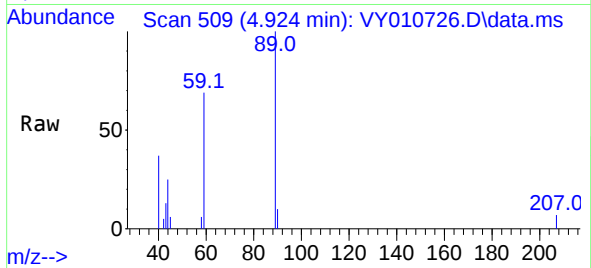




#11
Tert butyl alcohol
Concen: 13673.050 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.018 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

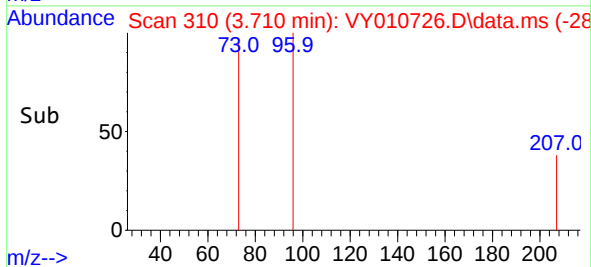
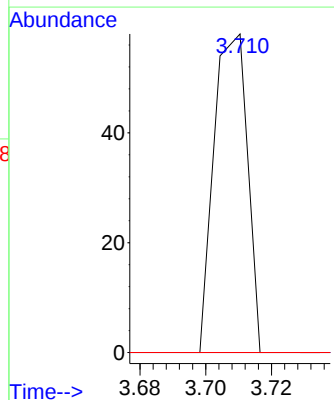
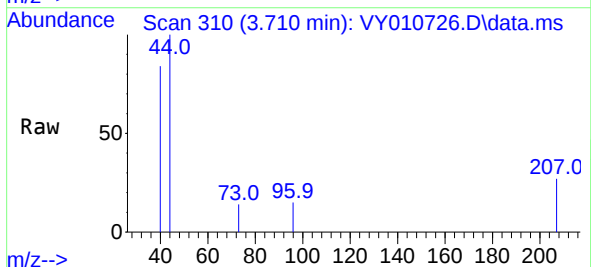
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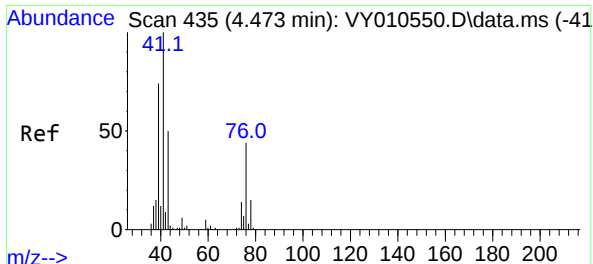
Tgt Ion: 59 Resp: 1947
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 33.369 ug/l
RT: 3.710 min Scan# 310
Delta R.T. -0.153 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion: 96 Resp: 41
Ion Ratio Lower Upper
96 100
61 0.0 145.8 218.6#
98 0.0 52.5 78.7#





#14

Allyl chloride

Concen: 234.833 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.243 min

Lab File: VY010726.D

Acq: 28 Sep 2022 18:52

Instrument :

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VSTDCCC050

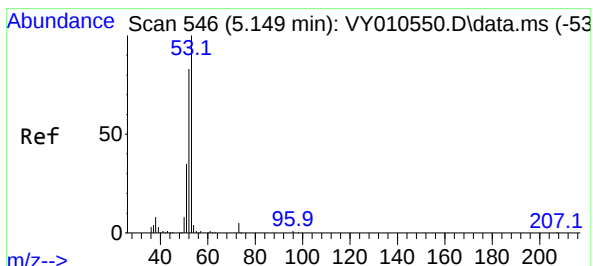
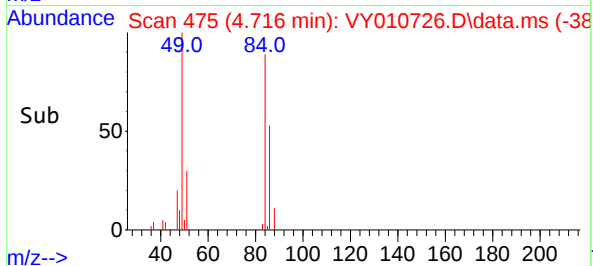
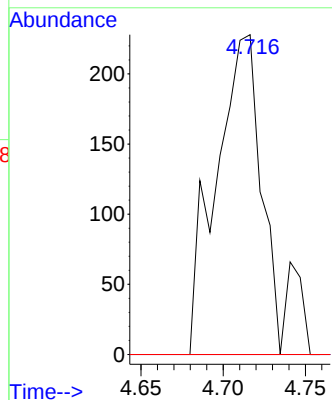
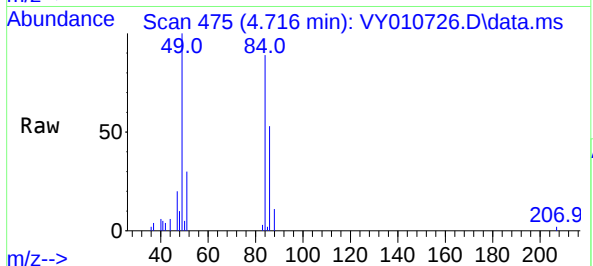
Tgt Ion: 41 Resp: 435

Ion Ratio Lower Upper

41 100

39 0.0 58.8 88.2#

76 0.0 25.1 37.7#



#15

Acrylonitrile

Concen: 231.032 ug/l

RT: 5.167 min Scan# 549

Delta R.T. 0.018 min

Lab File: VY010726.D

Acq: 28 Sep 2022 18:52

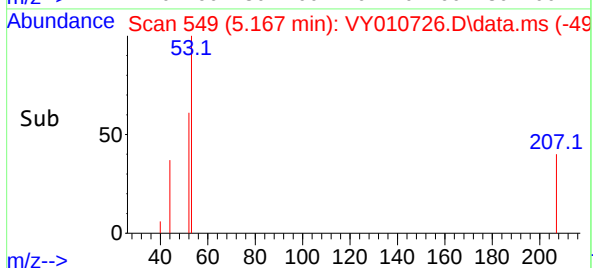
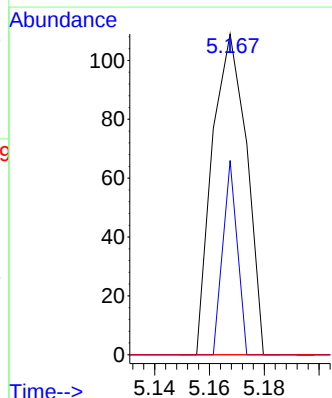
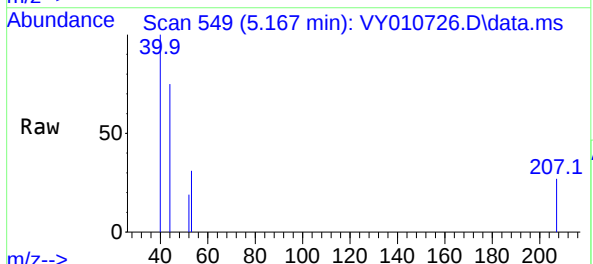
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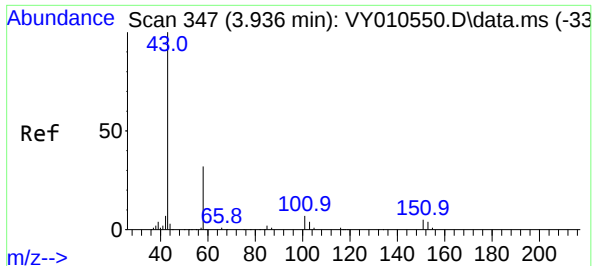
Ion Ratio Lower Upper

53 100

52 25.5 67.0 100.4#

51 0.0 29.8 44.6#

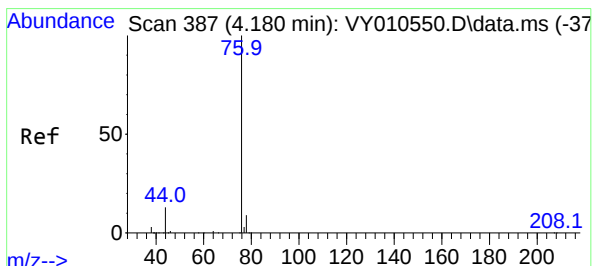
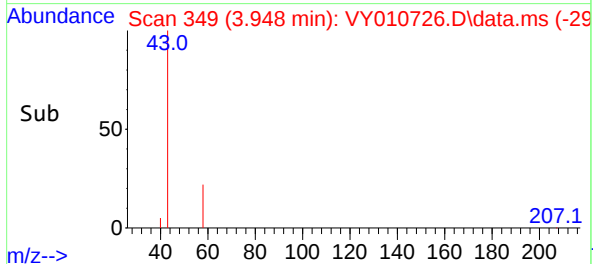
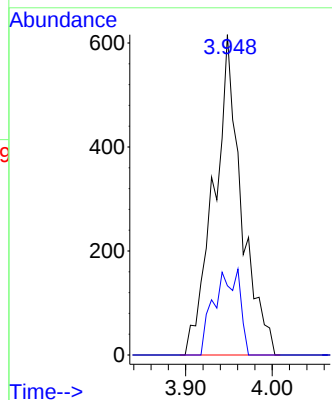
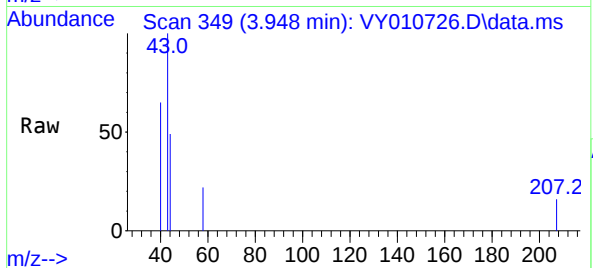




#16
Acetone
Concen: 4010.163 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

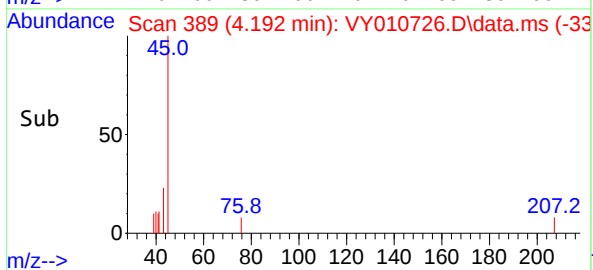
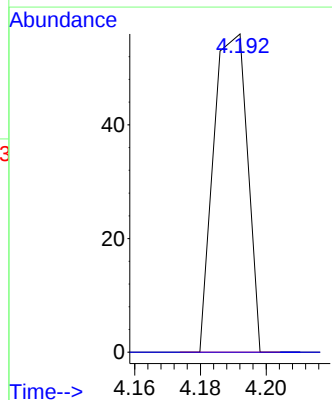
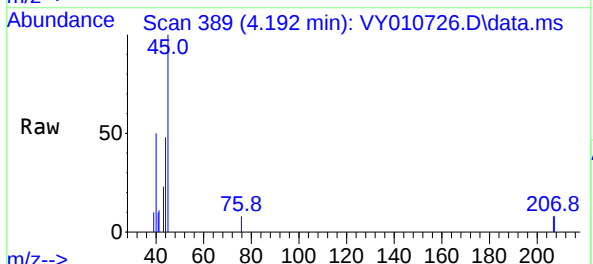
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

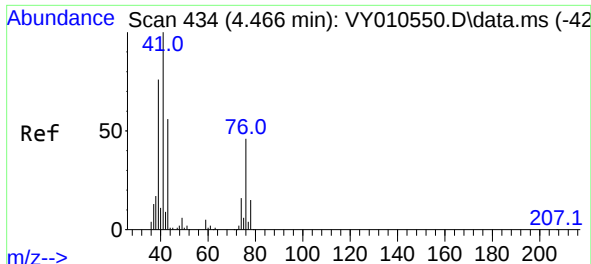
Tgt Ion: 43 Resp: 1361
Ion Ratio Lower Upper
43 100
58 21.6 22.0 33.0#



#17
Carbon Disulfide
Concen: 13.229 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.012 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion: 76 Resp: 40
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

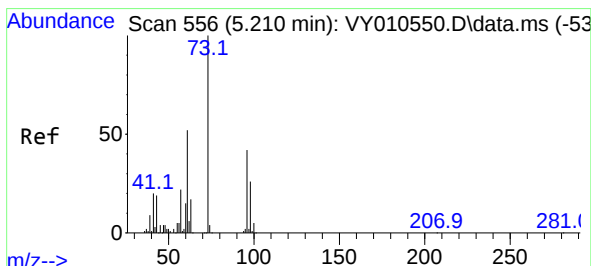
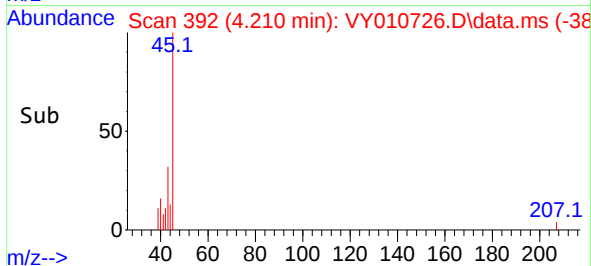
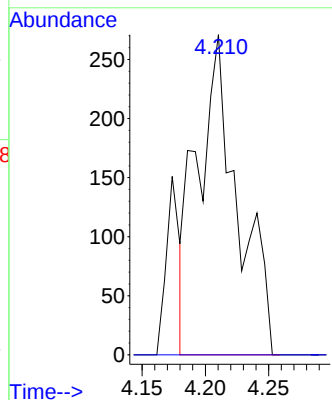
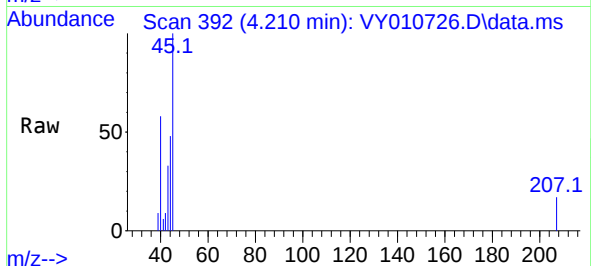




#18
Methyl Acetate
Concen: 649.673 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.256 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

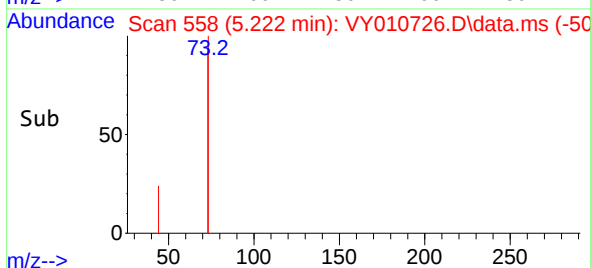
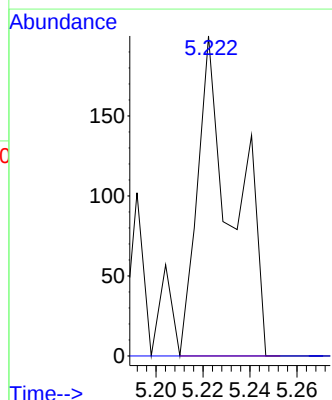
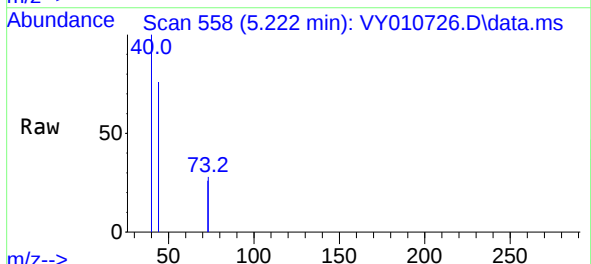
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

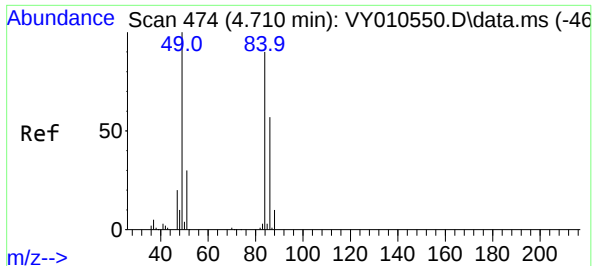
Tgt Ion: 43 Resp: 600
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#19
Methyl tert-butyl Ether
Concen: 55.604 ug/l
RT: 5.222 min Scan# 558
Delta R.T. 0.012 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion: 73 Resp: 213
Ion Ratio Lower Upper
73 100
57 0.0 18.6 27.8#

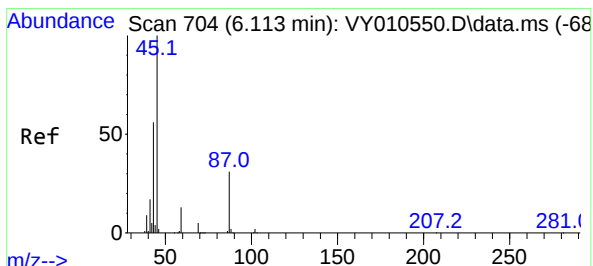
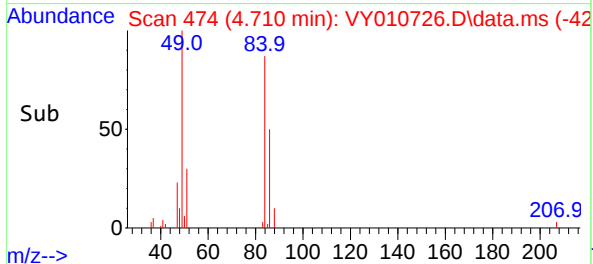
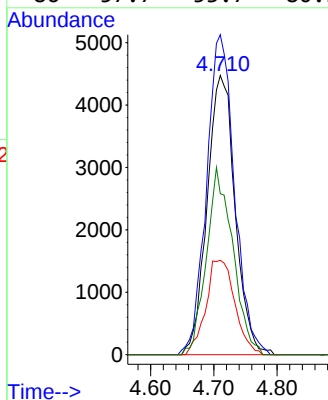
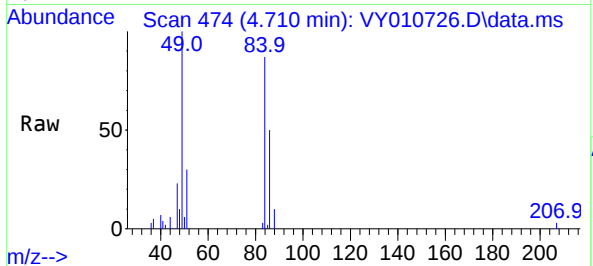




#20
Methylene Chloride
Concen: 9943.037 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

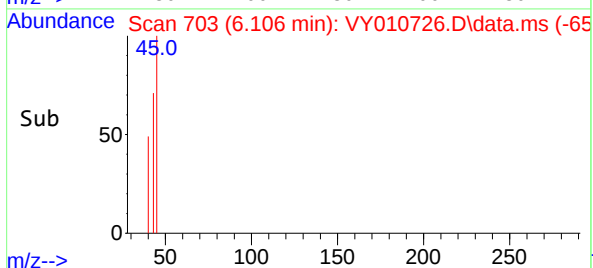
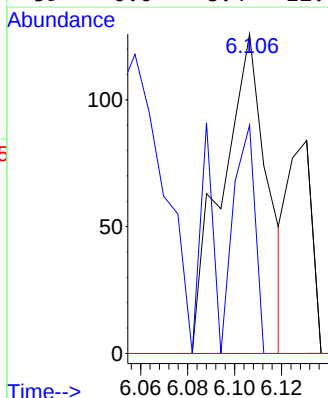
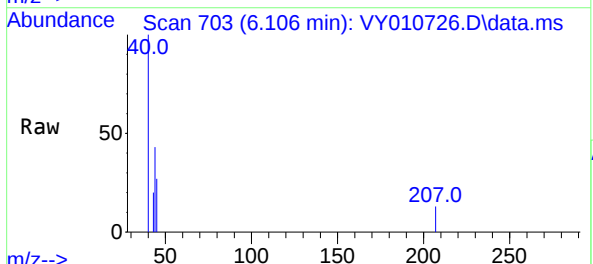
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

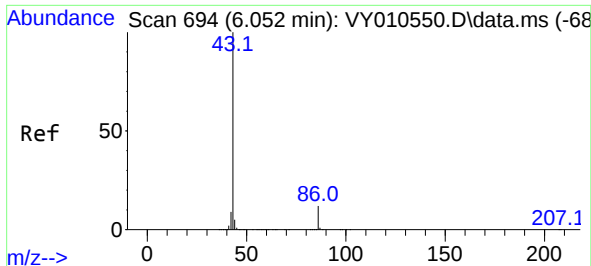
Tgt Ion:	84	Resp:	13732
Ion	Ratio	Lower	Upper
84	100		
49	114.6	114.4	171.6
51	33.8	35.3	52.9#
86	57.7	53.7	80.5



#22
Diisopropyl ether
Concen: 38.650 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.007 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion:	45	Resp:	169
Ion	Ratio	Lower	Upper
45	100		
43	71.4	49.3	73.9
87	0.0	19.2	28.8#
59	0.0	8.4	12.6#

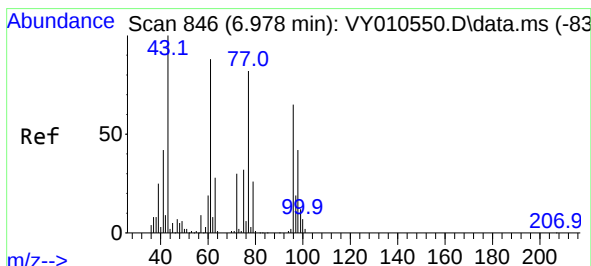
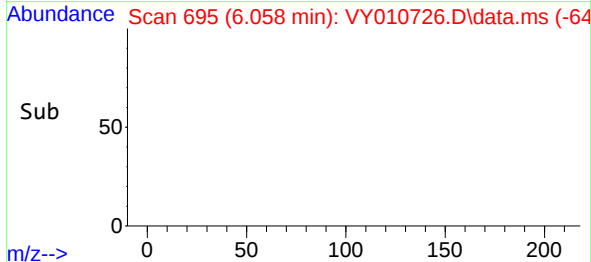
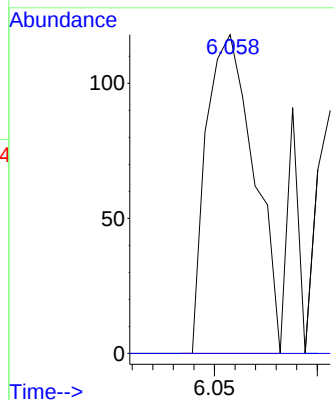
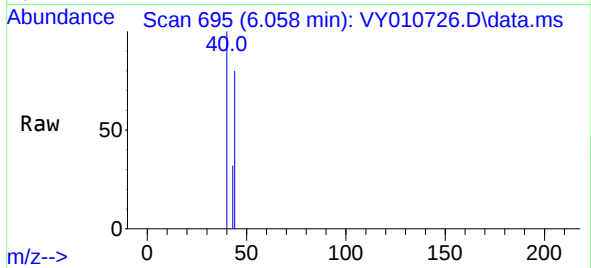




#23
 Vinyl Acetate
 Concen: 73.942 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY010726.D
 Acq: 28 Sep 2022 18:52

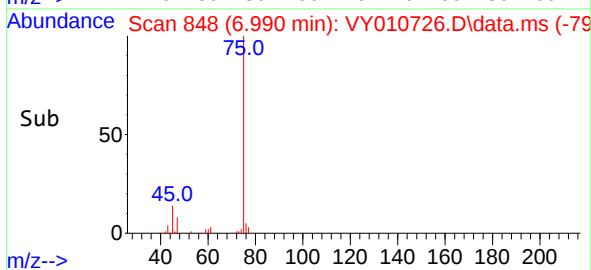
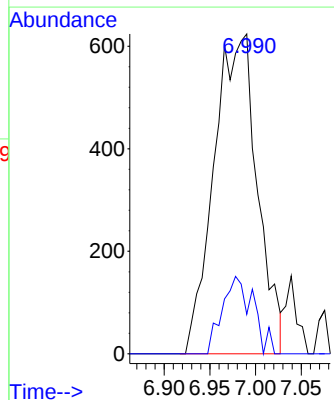
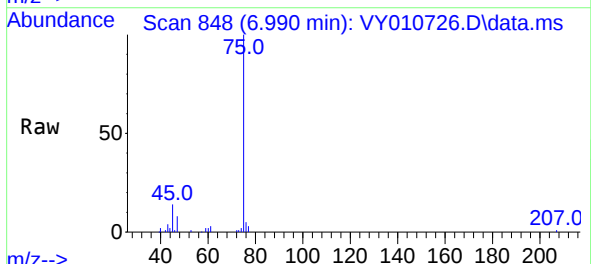
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

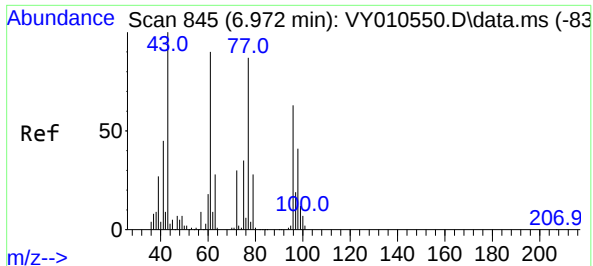
Tgt Ion: 43 Resp: 191
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 3886.189 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.012 min
 Lab File: VY010726.D
 Acq: 28 Sep 2022 18:52

Tgt Ion: 43 Resp: 2063
 Ion Ratio Lower Upper
 43 100
 72 12.3 17.7 26.5#

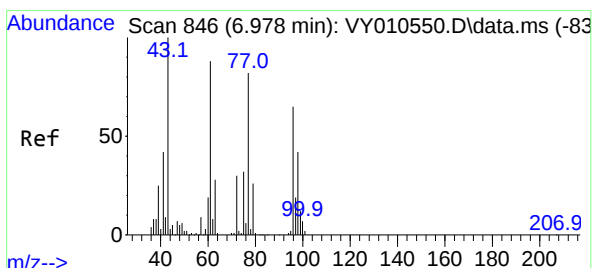
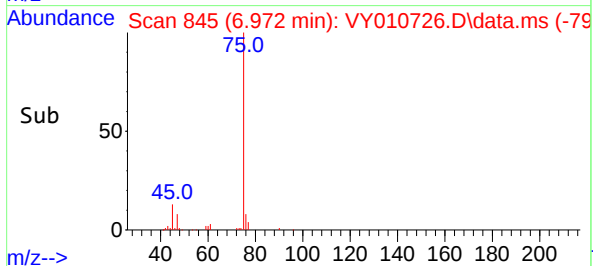
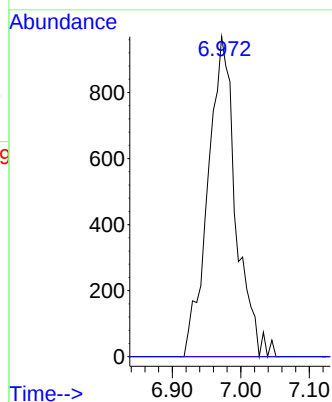
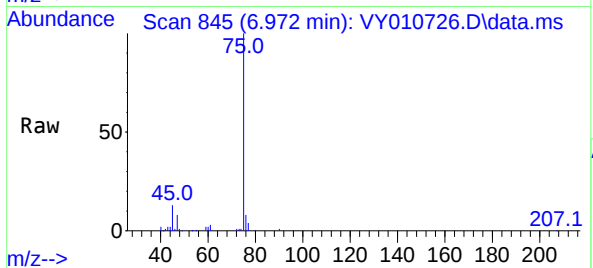




#26
2,2-Dichloropropane
Concen: 1085.738 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

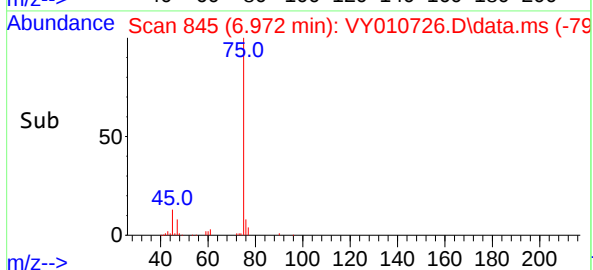
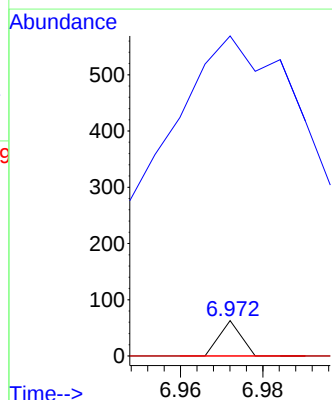
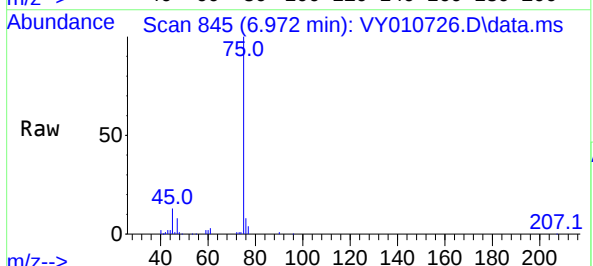
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

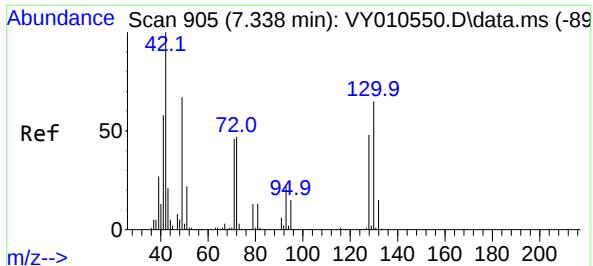
Tgt Ion: 77 Resp: 2740
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#27
cis-1,2-Dichloroethene
Concen: 13.352 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion: 96 Resp: 23
Ion Ratio Lower Upper
96 100
61 7339.1 0.0 319.8#
98 0.0 0.0 127.0

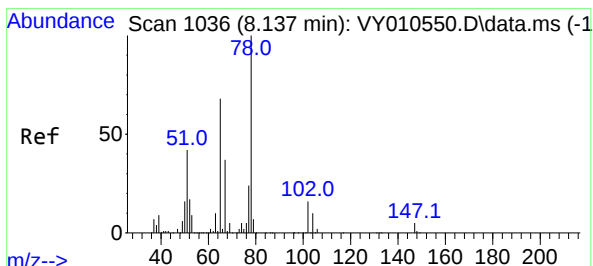
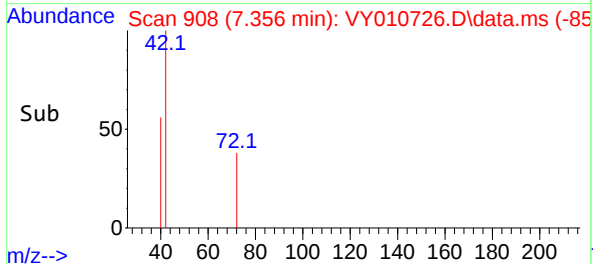
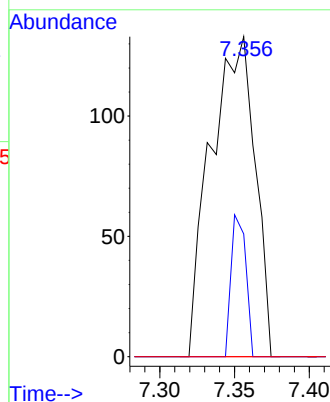
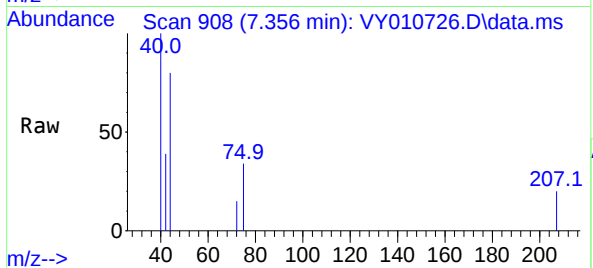




#29
Tetrahydrofuran
Concen: 840.362 ug/l
RT: 7.356 min Scan# 905
Delta R.T. 0.018 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

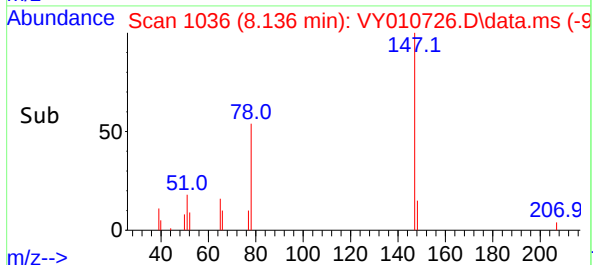
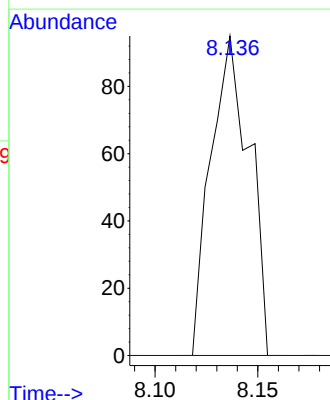
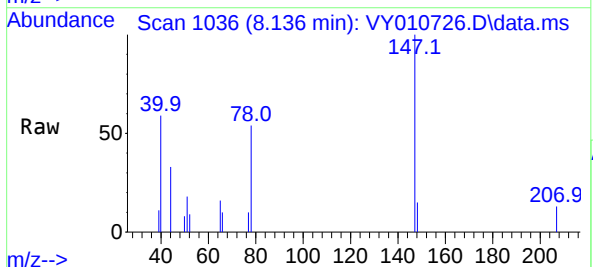
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

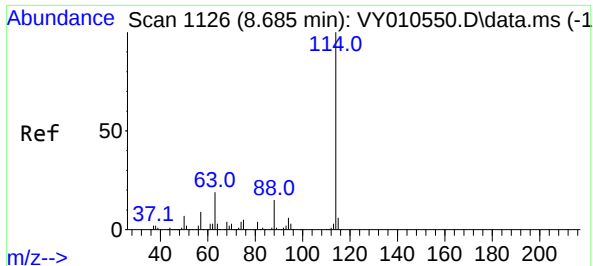
Tgt Ion: 42 Resp: 274
Ion Ratio Lower Upper
42 100
72 14.6 30.3 45.5#
71 0.0 29.0 43.4#



#33
1,2-Dichloroethane-d4
Concen: 74.507 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion: 65 Resp: 124
Ion Ratio Lower Upper
65 100
67 0.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010726.D

Acq: 28 Sep 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

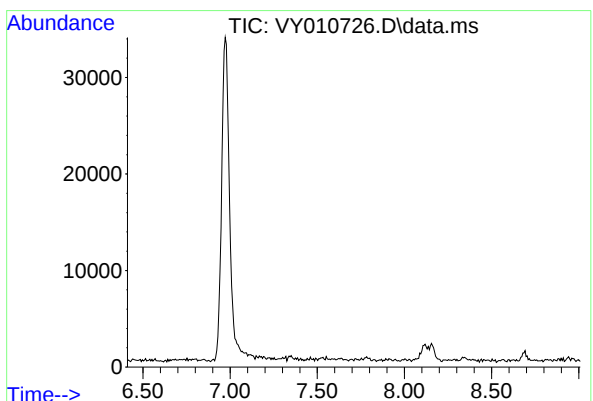
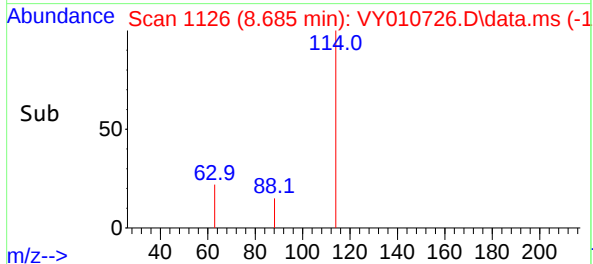
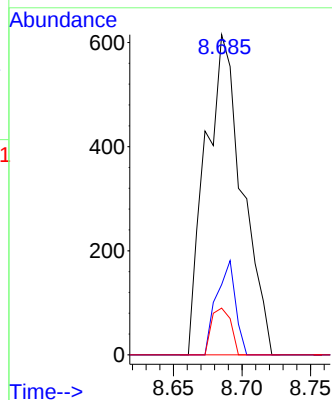
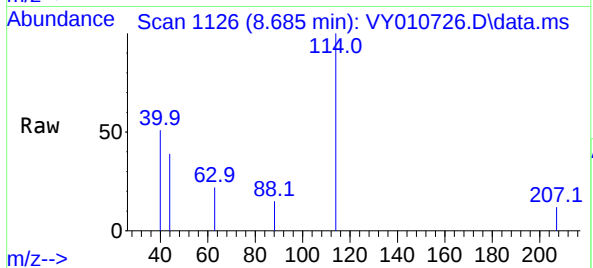
Tgt Ion:114 Resp: 1148

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.71 min

Lab File: VY010726.D

Acq: 28 Sep 2022 18:52

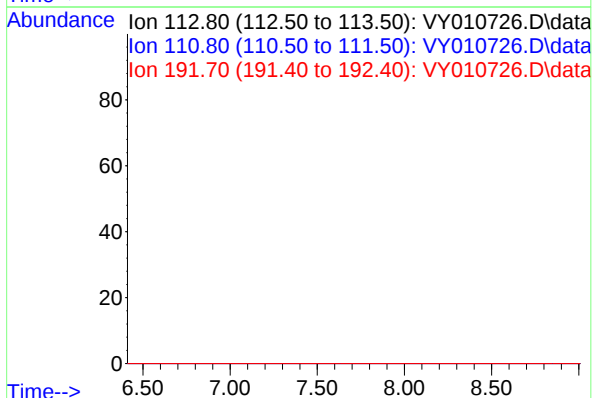
Tgt Ion: 113

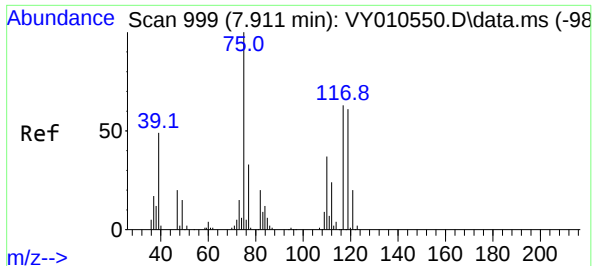
Sig Exp Ratio

113 100

111 103.3

192 22.0





#36

1,1-Dichloropropene

Concen: 38.587 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VY010726.D

Acq: 28 Sep 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

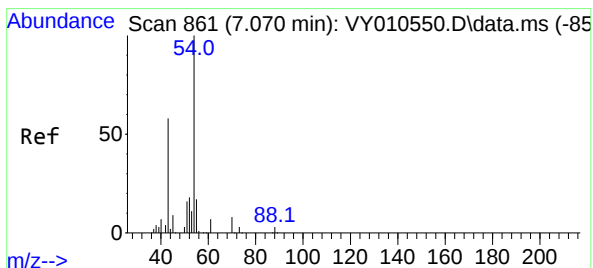
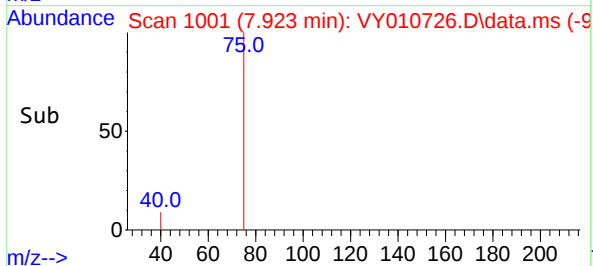
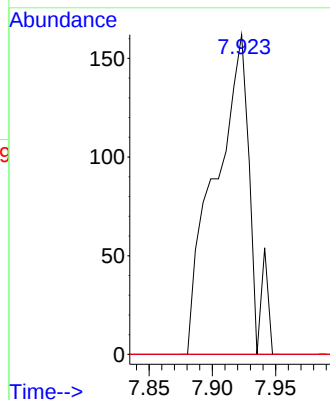
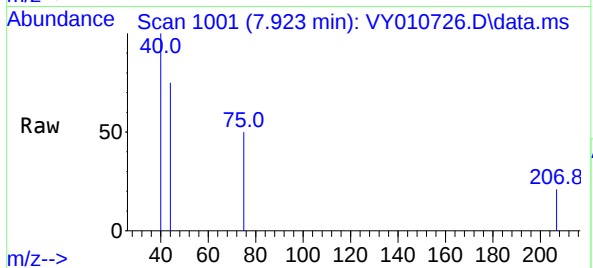
Tgt Ion: 75 Resp: 315

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 437.526 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.080 min

Lab File: VY010726.D

Acq: 28 Sep 2022 18:52

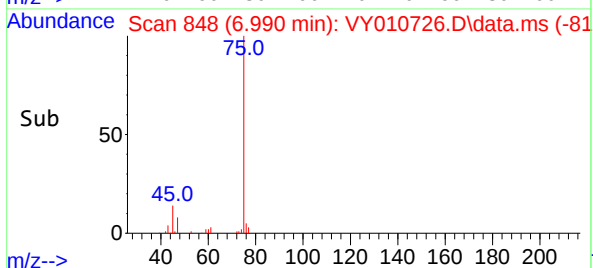
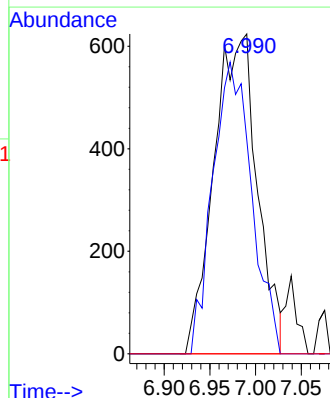
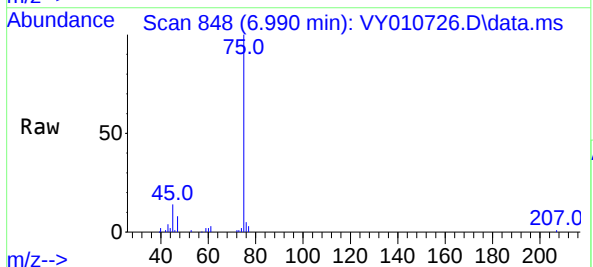
Tgt Ion: 43 Resp: 2063

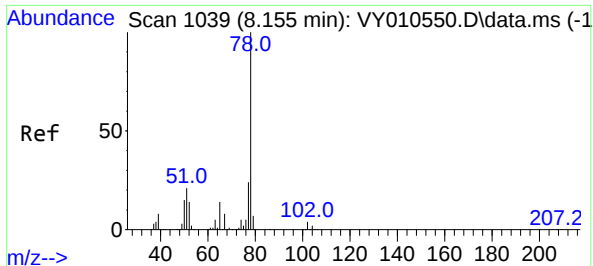
Ion Ratio Lower Upper

43 100

61 81.8 9.7 14.5#

70 0.0 7.1 10.7#

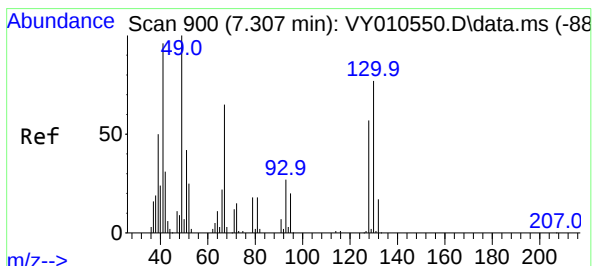
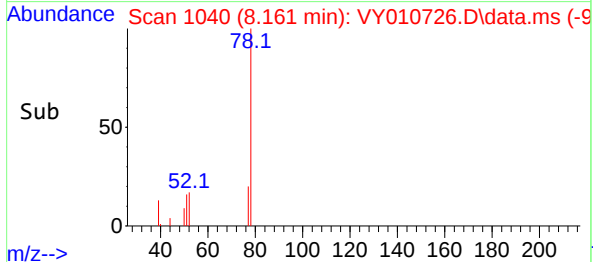
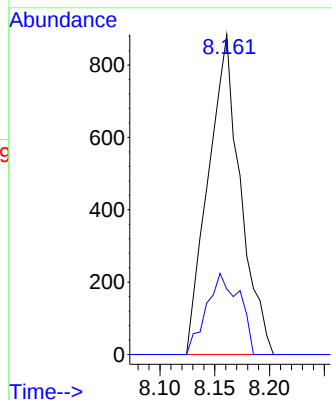
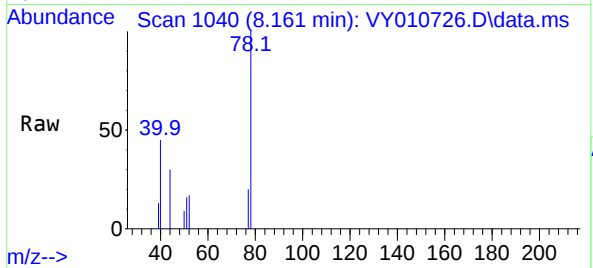




#40
Benzene
Concen: 74.087 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

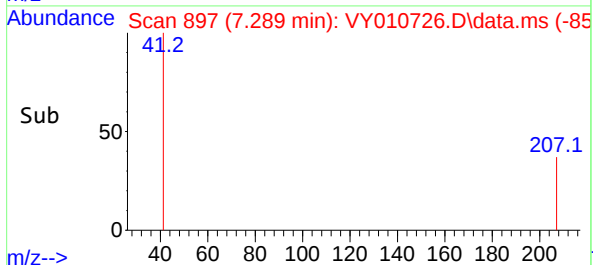
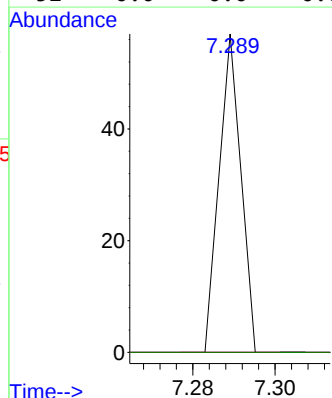
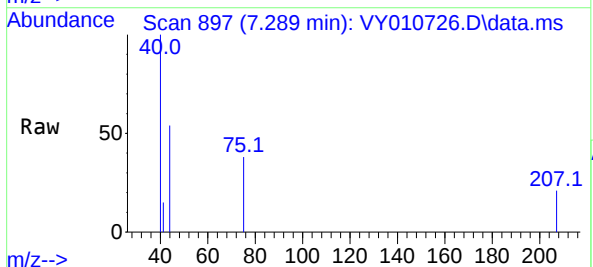
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

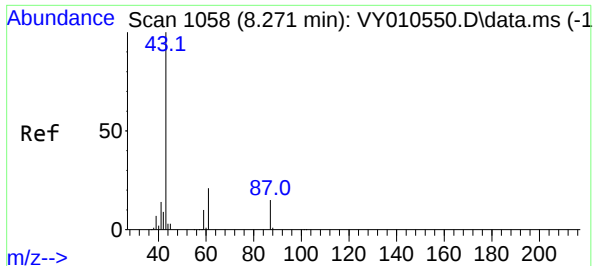
Tgt Ion: 78 Resp: 1803
Ion Ratio Lower Upper
78 100
77 20.5 20.4 30.6



#41
Methacrylonitrile
Concen: 8.732 ug/l
RT: 7.289 min Scan# 897
Delta R.T. -0.018 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion: 41 Resp: 21
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

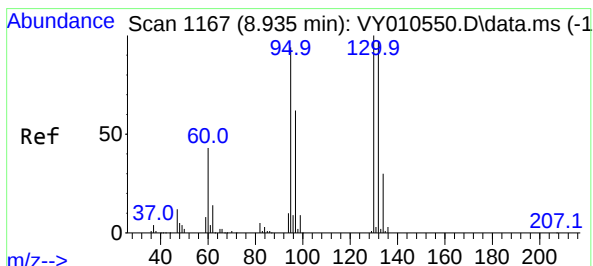
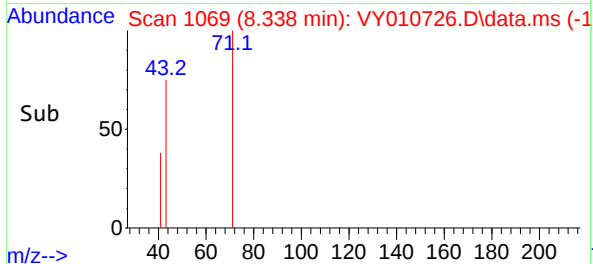
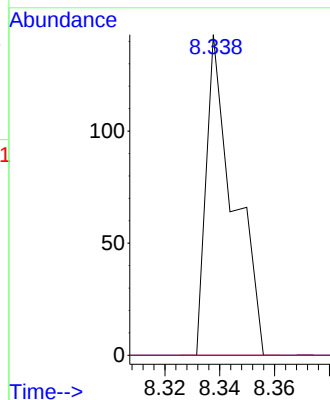
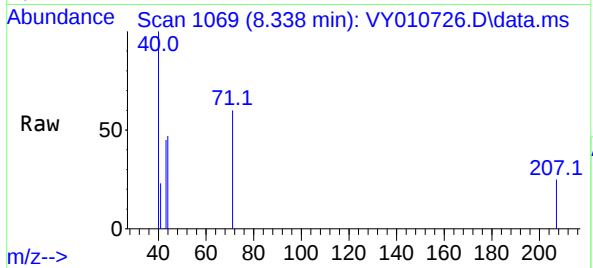




#43
Isopropyl Acetate
Concen: 11.570 ug/l
RT: 8.338 min Scan# 1069
Delta R.T. 0.067 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

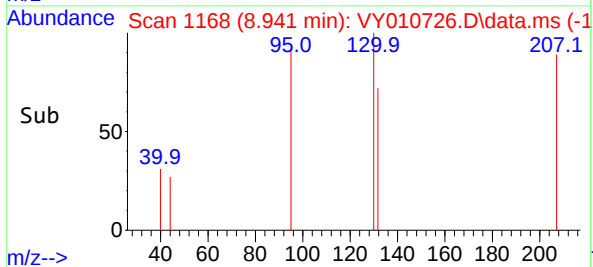
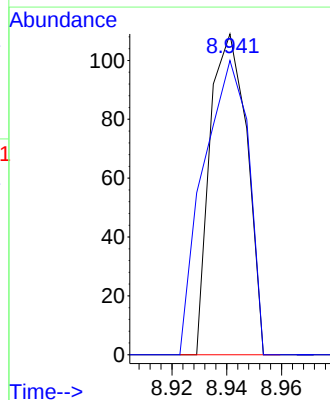
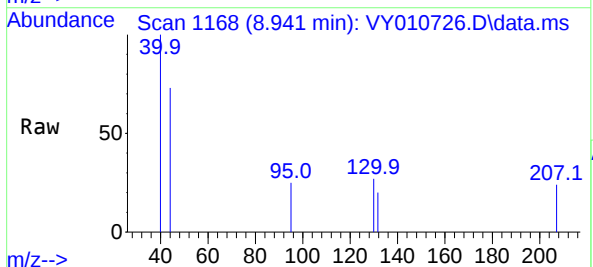
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

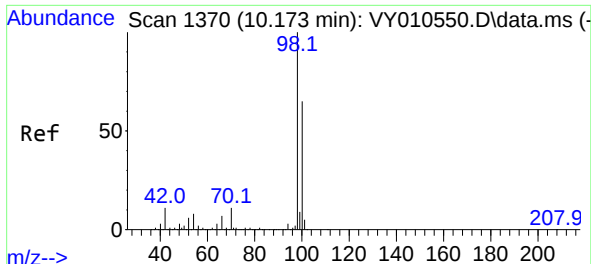
Tgt Ion: 43 Resp: 100
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 0.0 8.9 13.3#



#44
Trichloroethene
Concen: 14.641 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion: 130 Resp: 102
Ion Ratio Lower Upper
130 100
95 91.7 0.0 188.2

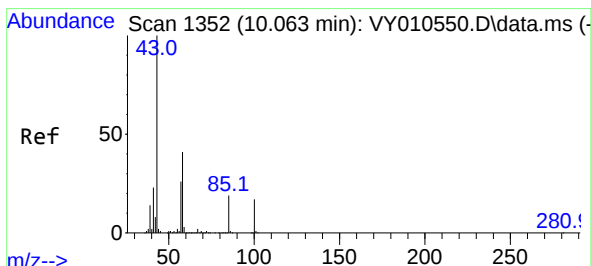
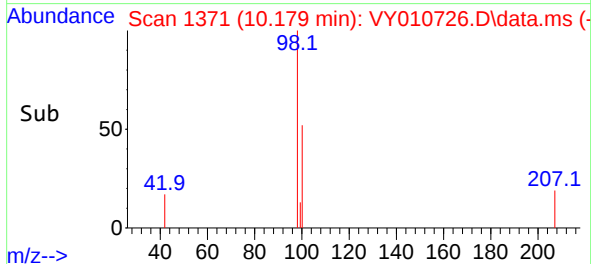
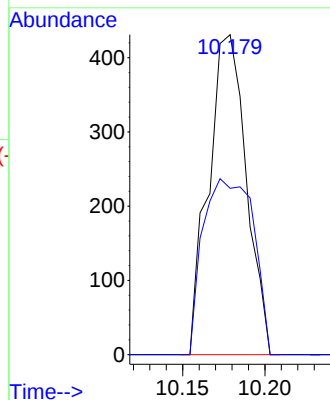
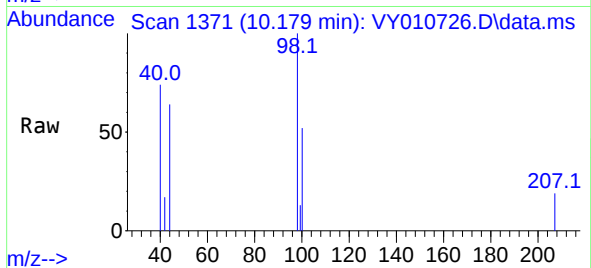




#50
Toluene-d8
Concen: 26.944 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

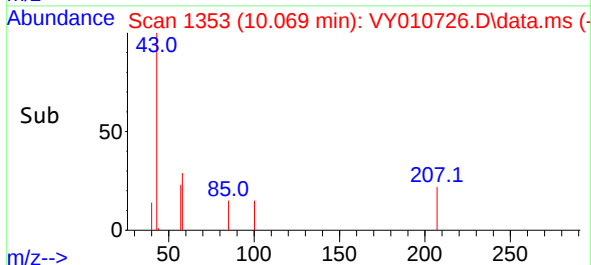
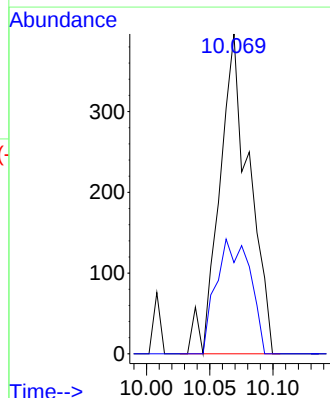
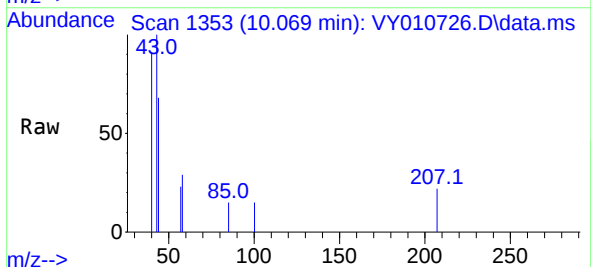
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

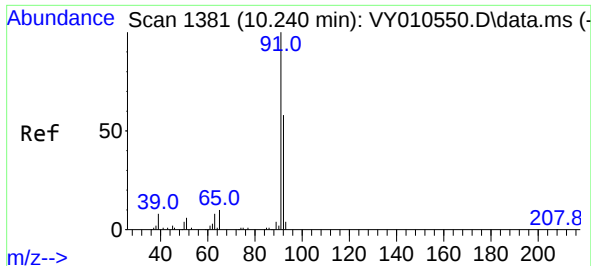
Tgt Ion: 98 Resp: 688
Ion Ratio Lower Upper
98 100
100 73.1 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 132.795 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
58 40.7 28.1 42.1

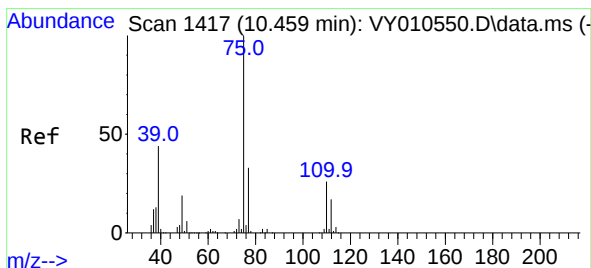
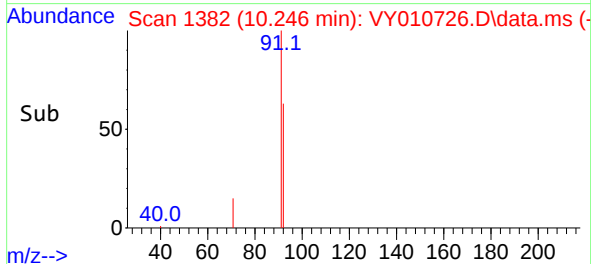
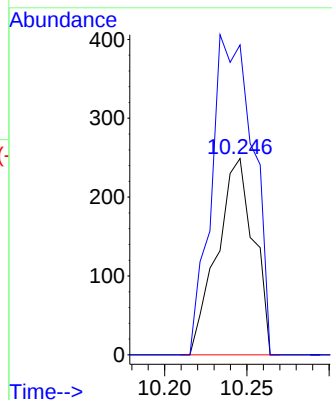
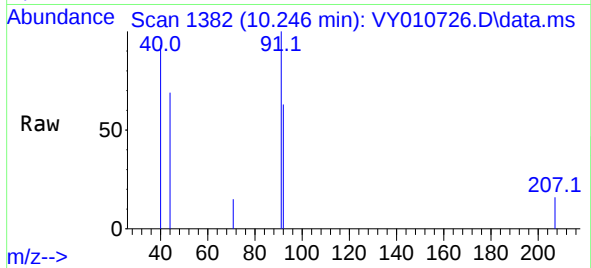




#52
Toluene
Concen: 24.304 ug/l
RT: 10.246 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

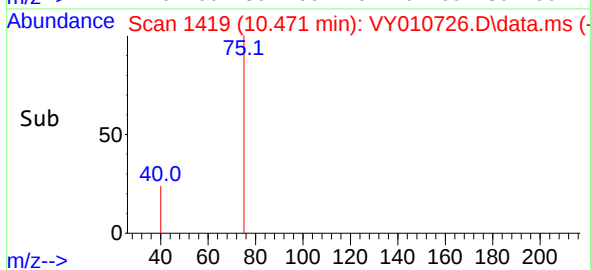
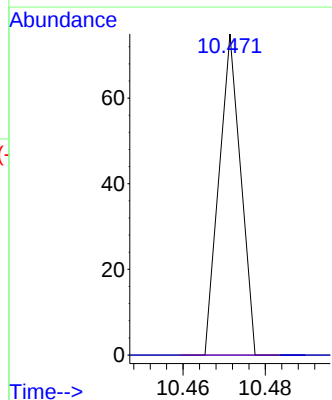
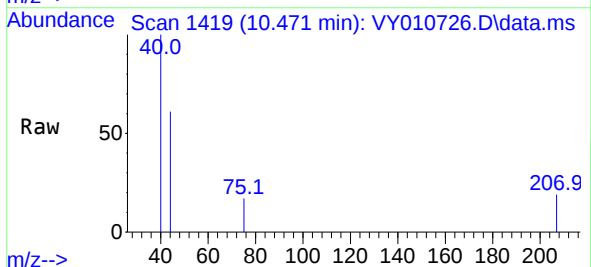
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

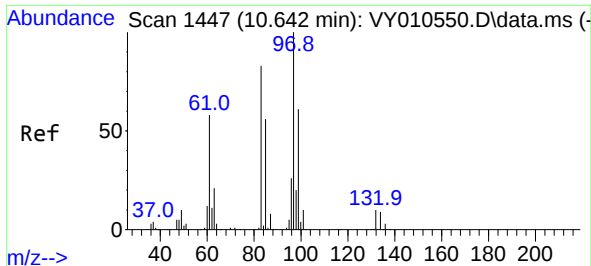
Tgt Ion: 92 Resp: 387
Ion Ratio Lower Upper
92 100
91 184.8 142.6 213.8



#53
t-1,3-Dichloropropene
Concen: 2.925 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.012 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion: 75 Resp: 27
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#

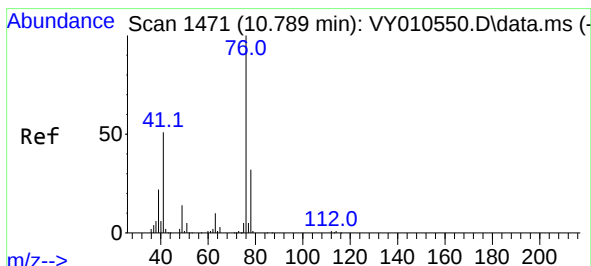
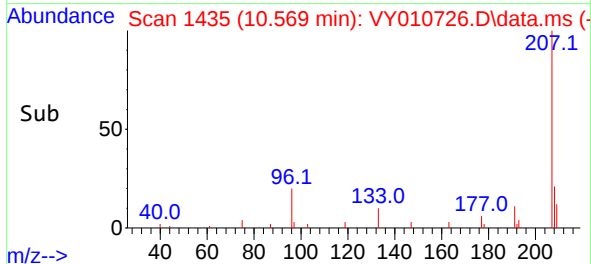
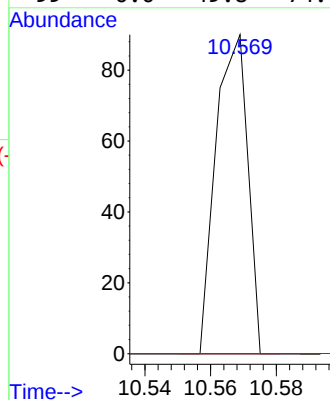
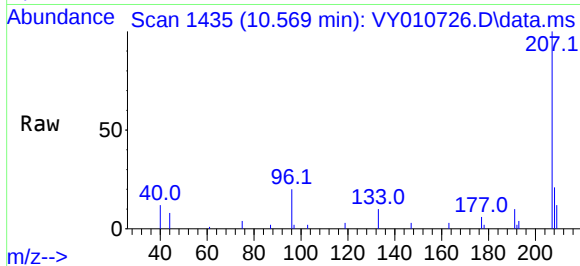




#55
1,1,2-Trichloroethane
Concen: 11.033 ug/l
RT: 10.569 min Scan# 1447
Delta R.T. -0.073 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

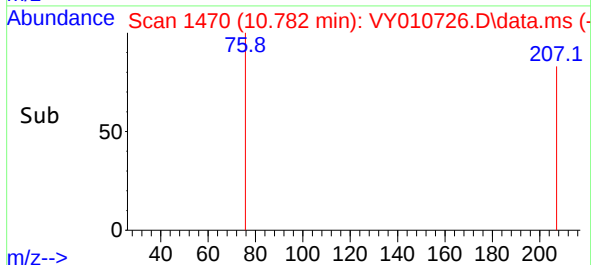
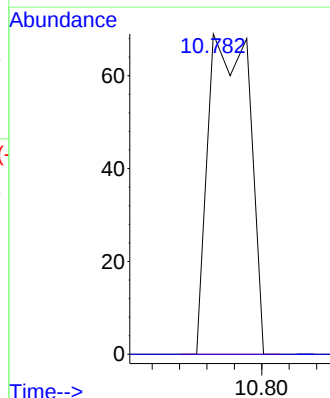
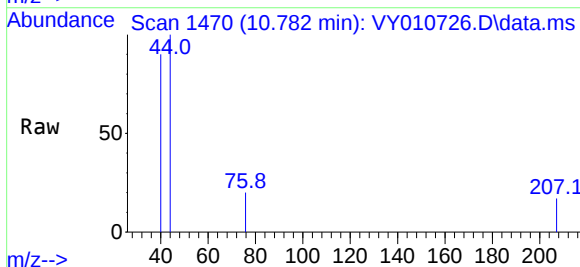
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

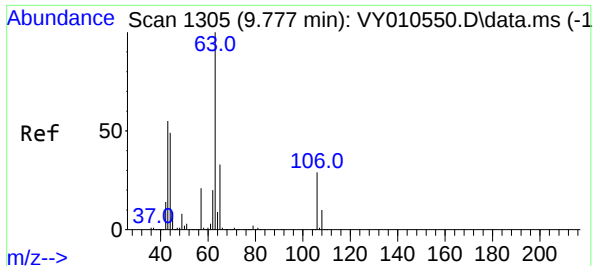
Tgt Ion: 97	Resp:	60
Ion	Ratio	Lower Upper
97	100	
83	0.0	69.8 104.8#
85	0.0	44.3 66.5#
99	0.0	49.8 74.6#



#57
1,3-Dichloropropane
Concen: 7.993 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. -0.007 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion: 76	Resp:	72
Ion	Ratio	Lower Upper
76	100	
78	0.0	25.0 37.6#

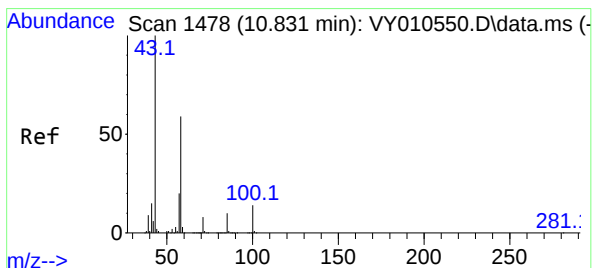
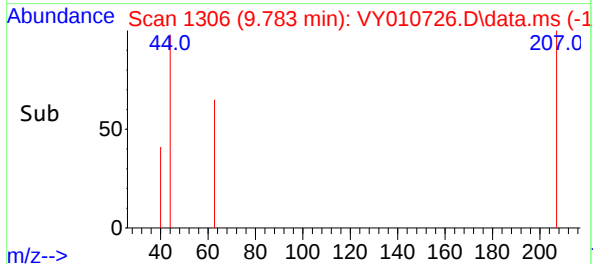
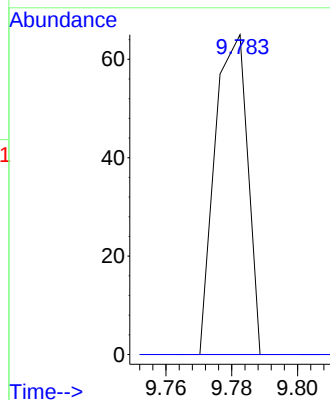
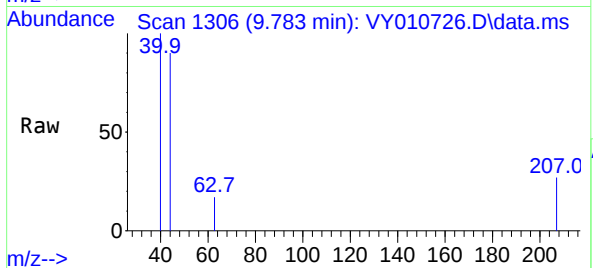




#58
2-Chloroethyl Vinyl ether
Concen: 30.836 ug/l
RT: 9.783 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

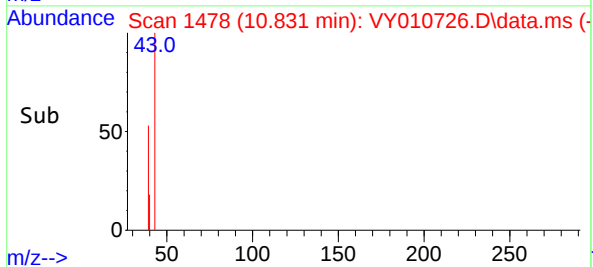
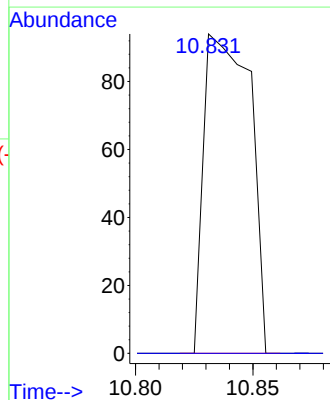
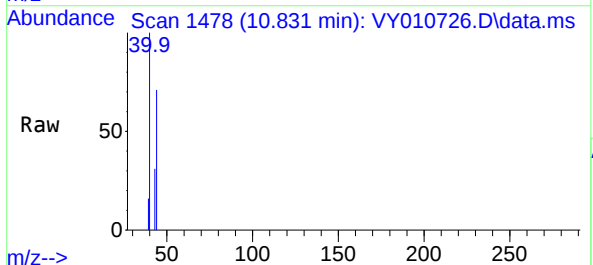
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

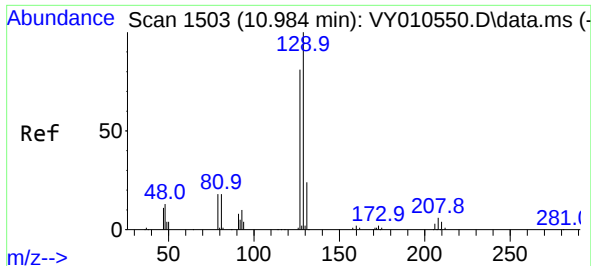
Tgt Ion: 63 Resp: 45
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#59
2-Hexanone
Concen: 39.003 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion: 43 Resp: 129
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#

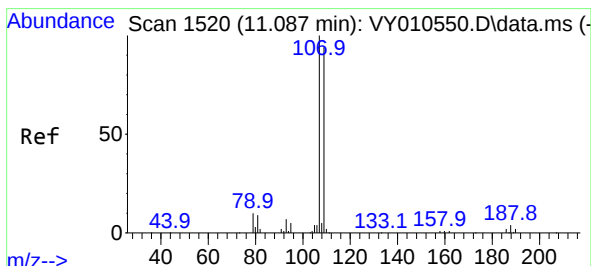
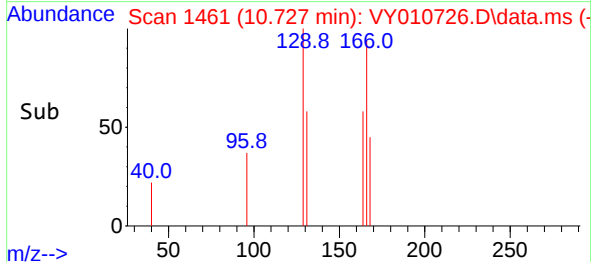
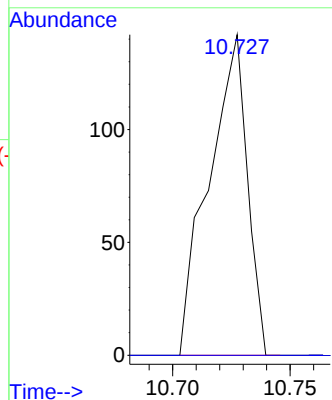
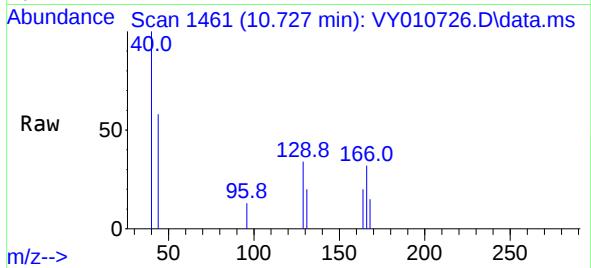




#60
Dibromochloromethane
Concen: 24.193 ug/l
RT: 10.727 min Scan# 1495
Delta R.T. -0.257 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

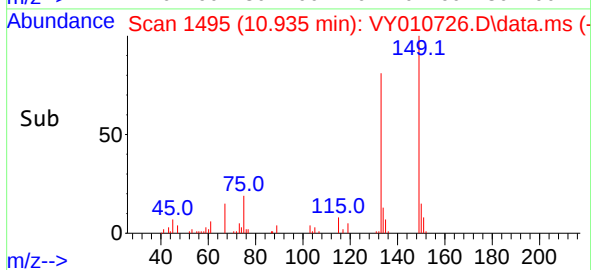
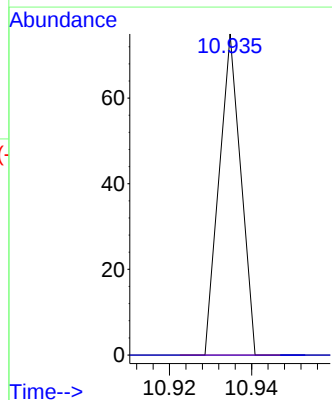
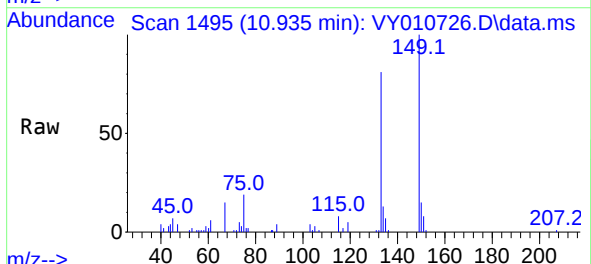
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

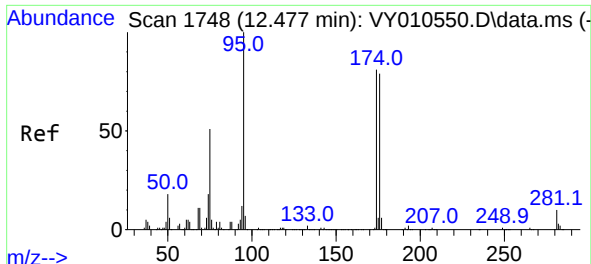
Tgt Ion:129 Resp: 161
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#61
1,2-Dibromoethane
Concen: 5.303 ug/l
RT: 10.935 min Scan# 1495
Delta R.T. -0.152 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion:107 Resp: 27
Ion Ratio Lower Upper
107 100
109 0.0 75.4 113.2#

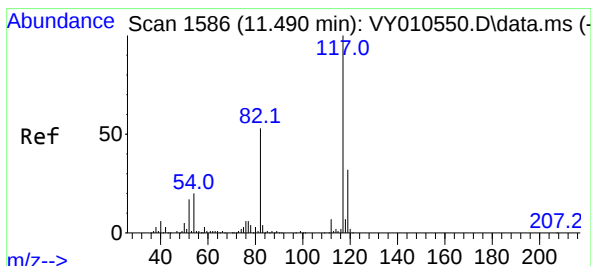
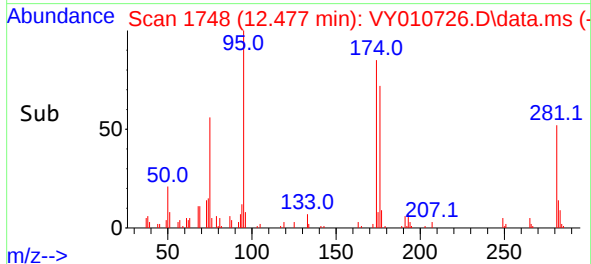
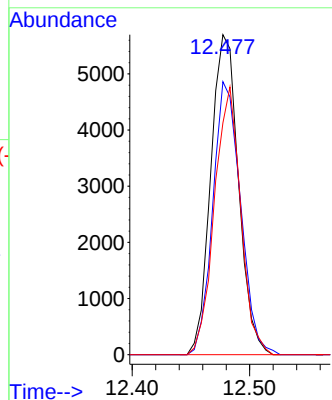
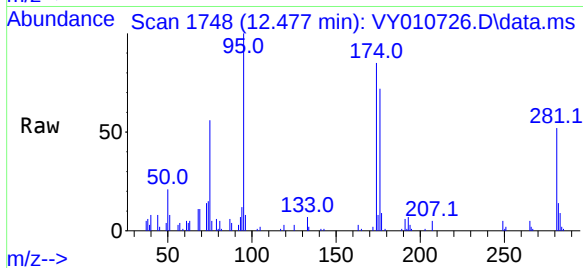




#62
4-Bromofluorobenzene
Concen: 978.609 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

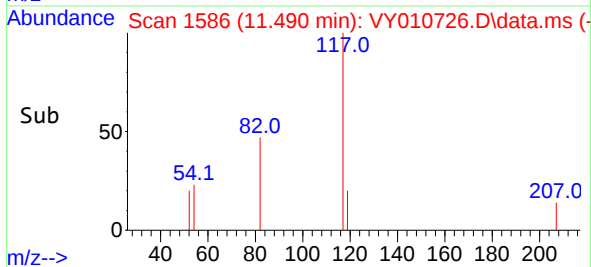
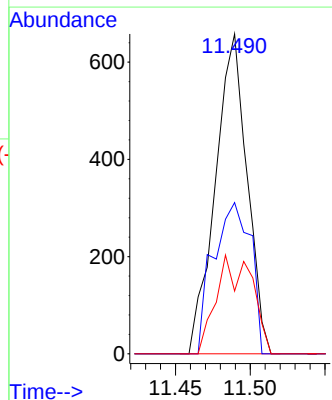
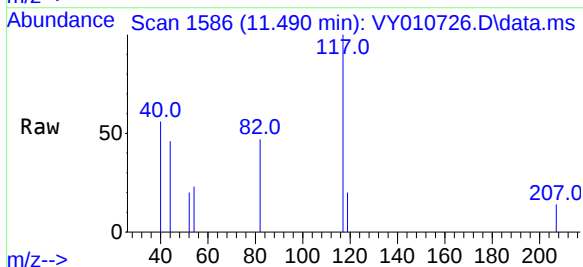
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

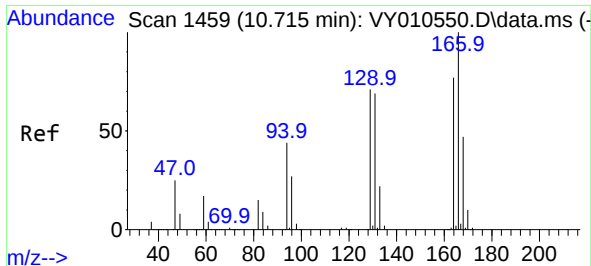
Tgt Ion: 95 Resp: 9330
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 79.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion: 117 Resp: 971
Ion Ratio Lower Upper
117 100
82 47.3 43.0 64.4
119 19.6 25.4 38.0#

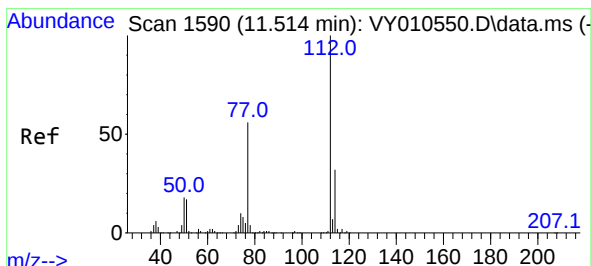
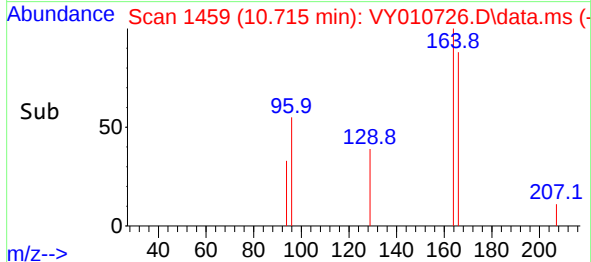
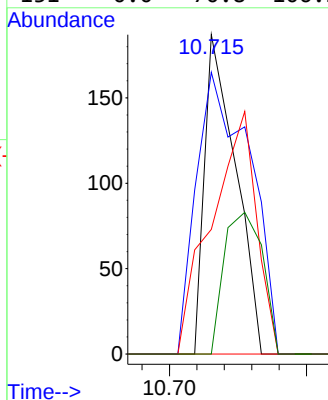
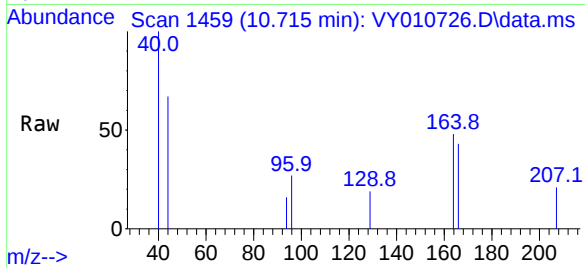




#64
Tetrachloroethene
Concen: 22.663 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

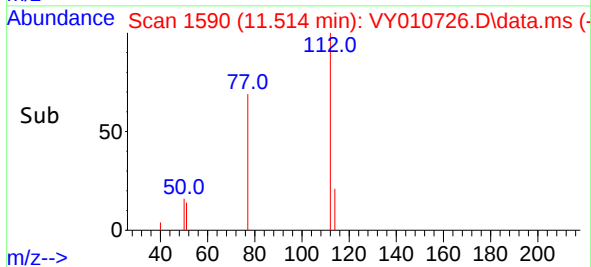
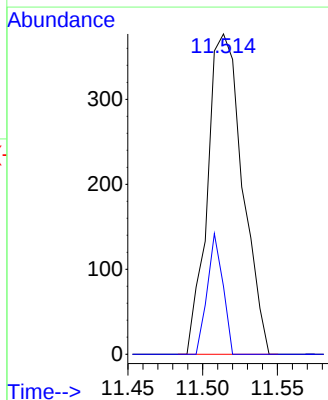
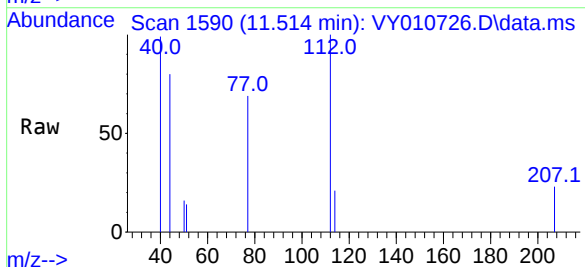
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

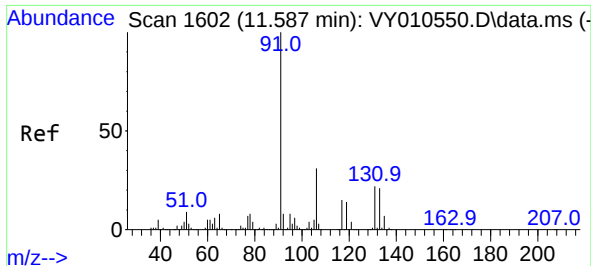
Tgt Ion:	164	Resp:	147
Ion	Ratio	Lower	Upper
164	100		
166	88.2	100.4	150.6#
129	39.0	71.4	107.0#
131	0.0	70.8	106.2#



#65
Chlorobenzene
Concen: 36.628 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion:	112	Resp:	615
Ion	Ratio	Lower	Upper
112	100		
114	21.2	25.8	38.6#





#67

Ethyl Benzene

Concen: 17.569 ug/l

RT: 11.593 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VY010726.D

Acq: 28 Sep 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

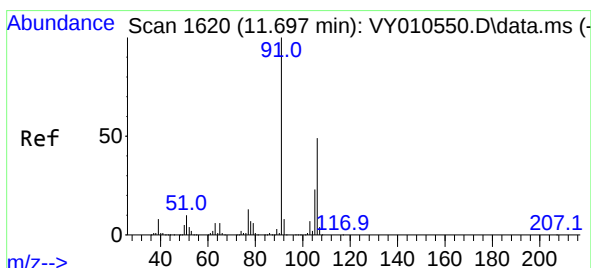
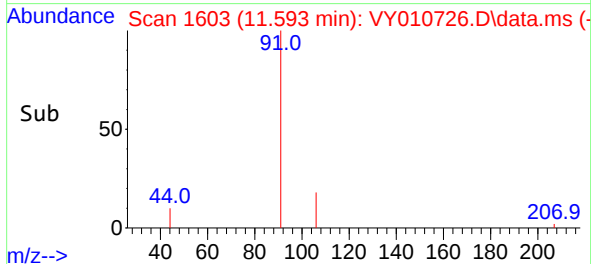
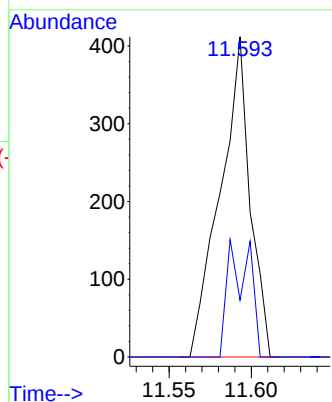
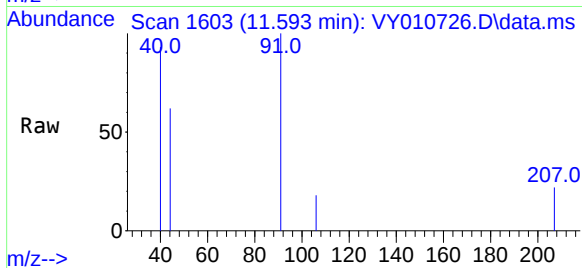
VSTDCCC050

Tgt Ion: 91 Resp: 518

Ion Ratio Lower Upper

91 100

106 17.7 24.5 36.7#



#68

m/p-Xylenes

Concen: 38.435 ug/l

RT: 11.691 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VY010726.D

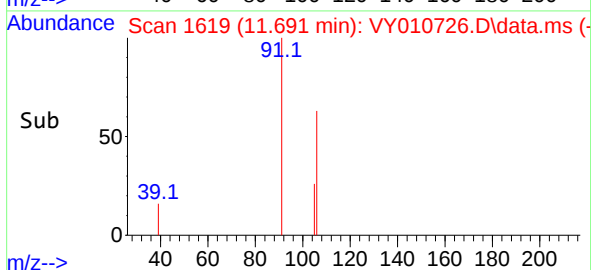
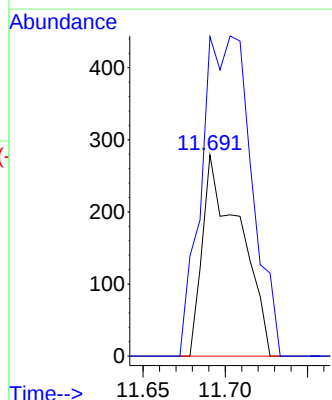
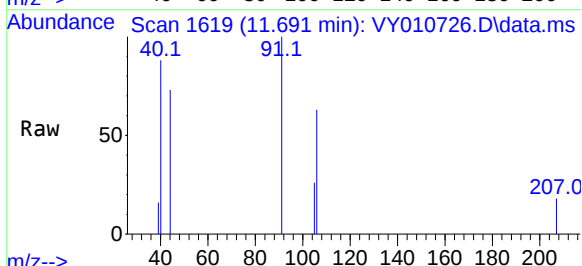
Acq: 28 Sep 2022 18:52

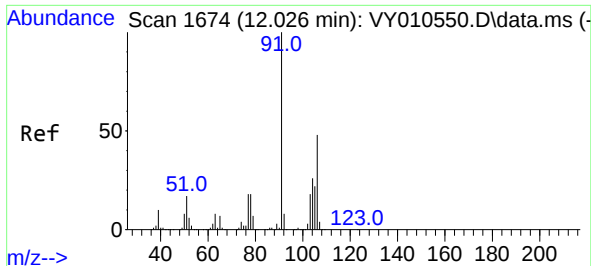
Tgt Ion: 106 Resp: 439

Ion Ratio Lower Upper

106 100

91 213.2 166.6 249.8

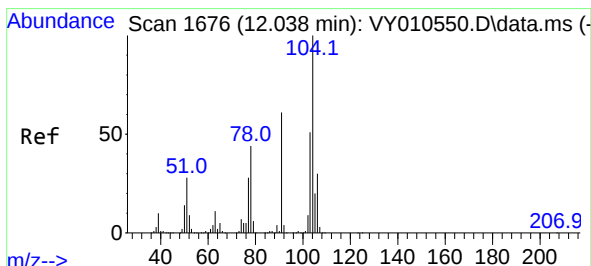
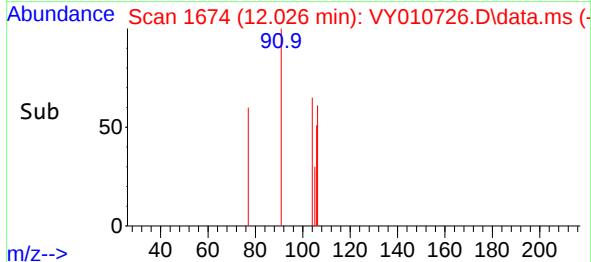
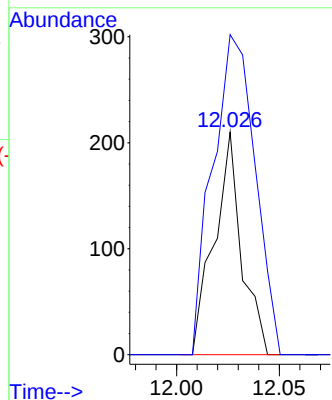
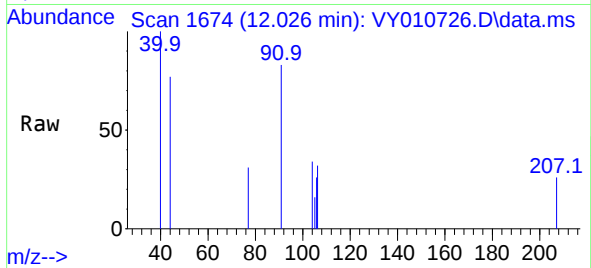




#69
o-Xylene
Concen: 17.511 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

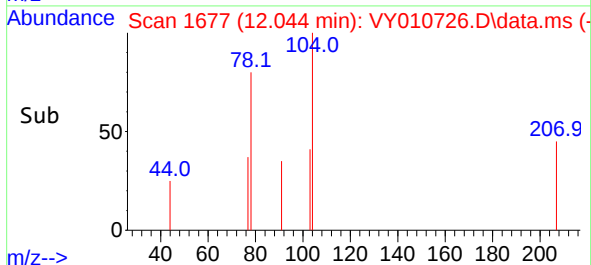
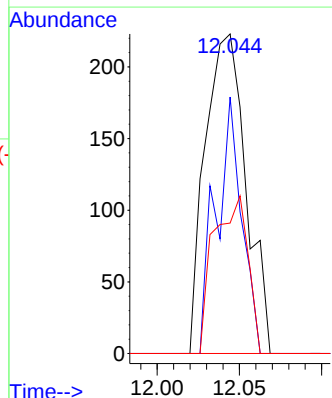
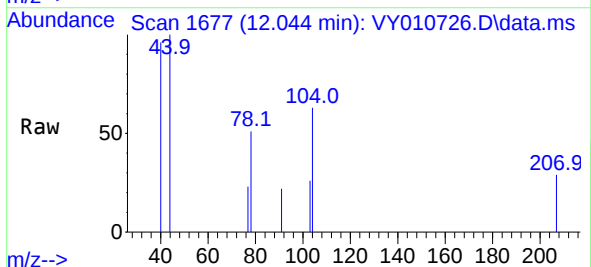
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

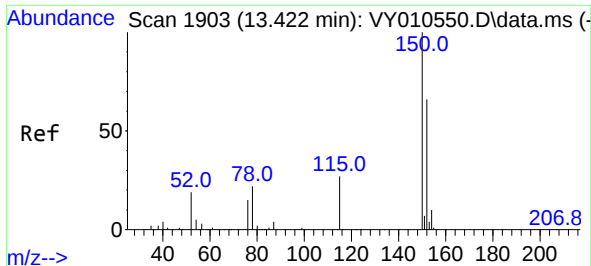
Tgt Ion:106 Resp: 195
Ion Ratio Lower Upper
106 100
91 223.1 110.3 331.0



#70
Styrene
Concen: 20.404 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion:104 Resp: 386
Ion Ratio Lower Upper
104 100
78 50.5 42.4 63.6
103 40.9 44.4 66.6#

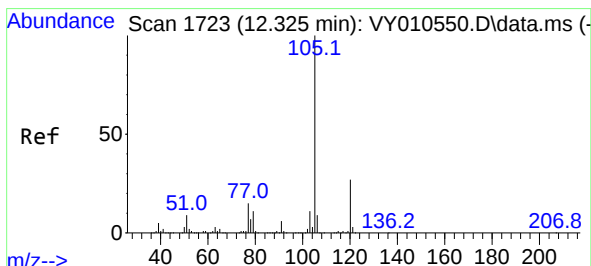
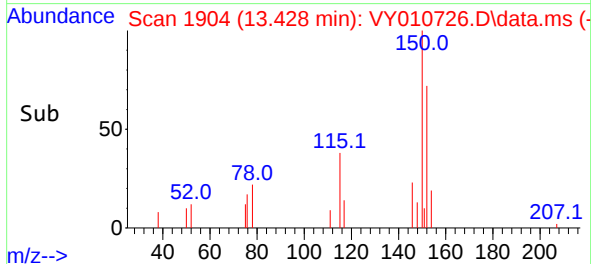
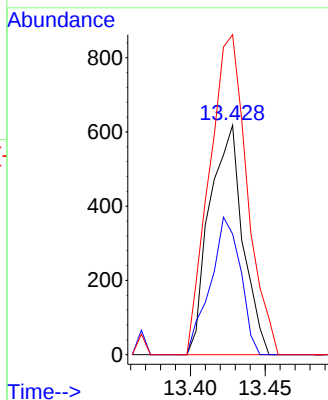
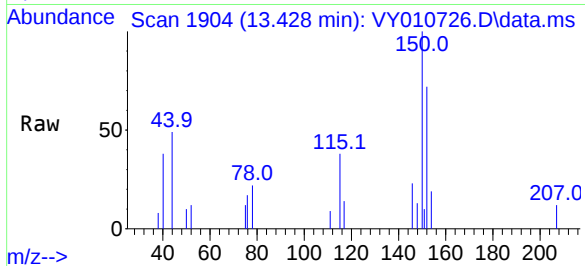




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

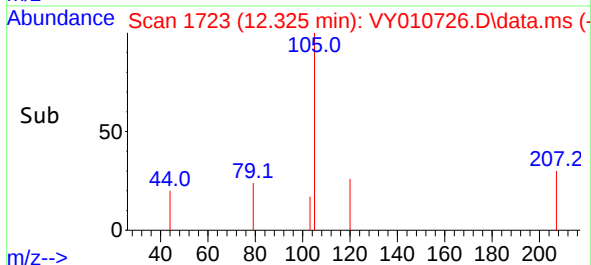
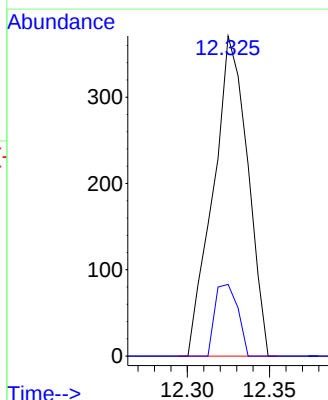
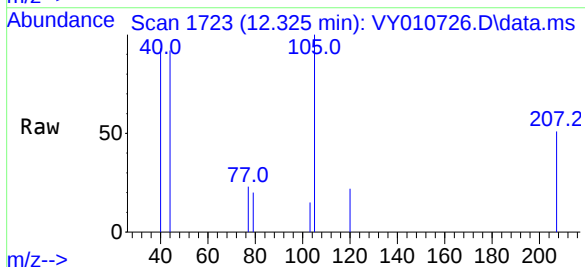
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

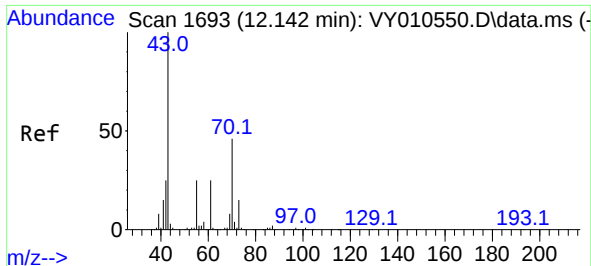
Tgt Ion:152 Resp: 956
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 158.1 0.0 347.6



#73
Isopropylbenzene
Concen: 9.140 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion:105 Resp: 540
Ion Ratio Lower Upper
105 100
120 14.8 13.4 40.2

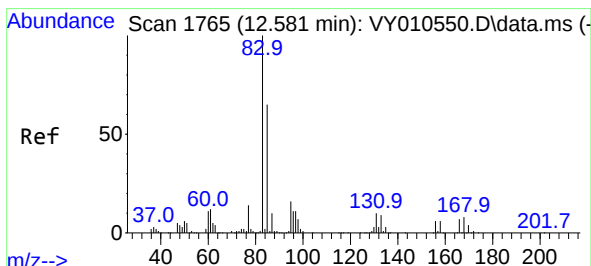
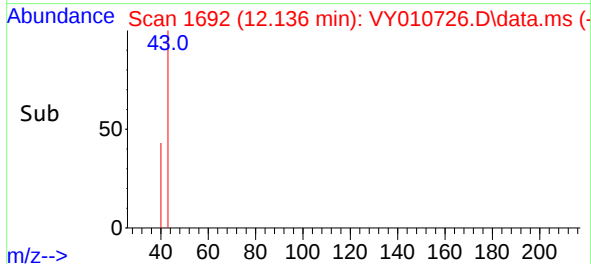
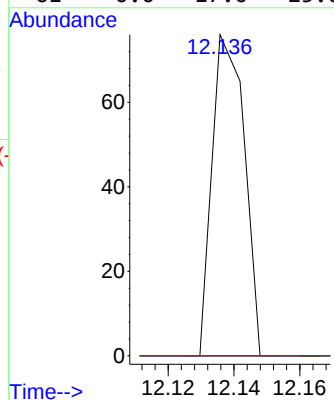
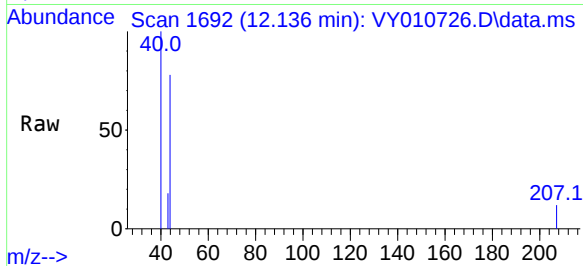




#74
N-amy1 acetate
Concen: 3.629 ug/l
RT: 12.136 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

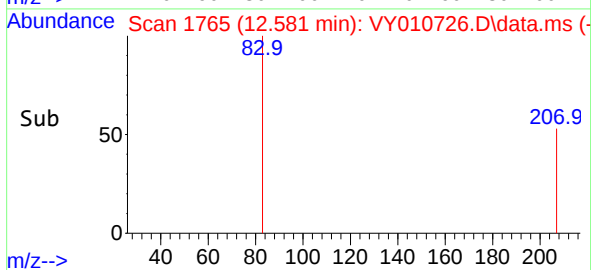
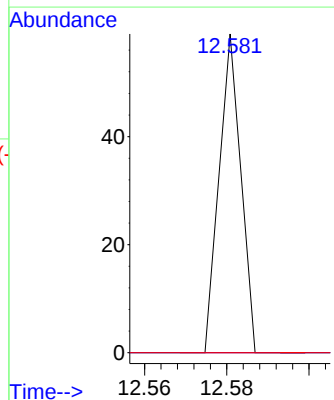
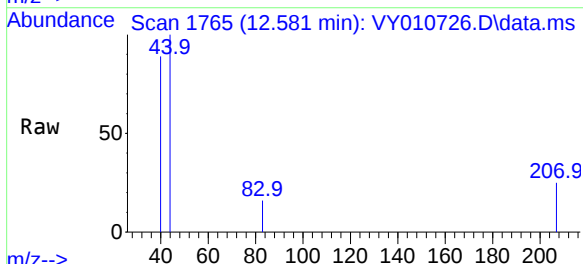
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

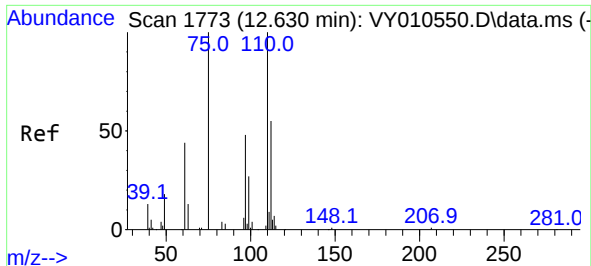
Tgt	Ion: 43	Resp:	52
Ion	Ratio	Lower	Upper
43	100		
70	0.0	28.7	43.1#
55	0.0	17.3	25.9#
61	0.0	17.0	25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.827 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion: 83	Resp:	22	
Ion Ratio	Lower	Upper	
83 100			
131 0.0	5.6	16.8#	
85 0.0	32.3	96.8#	

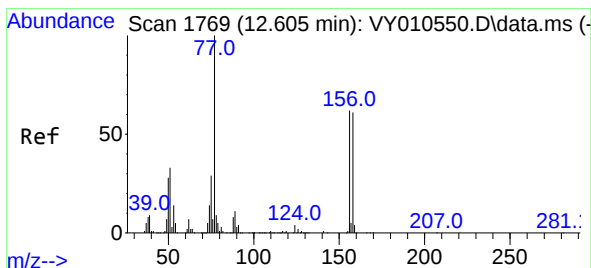
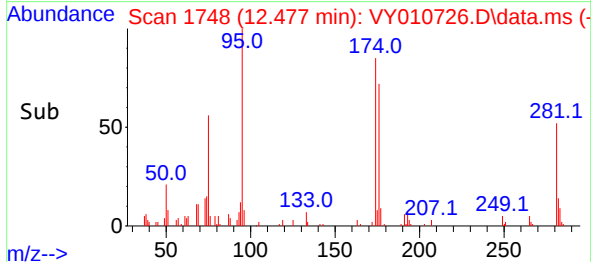
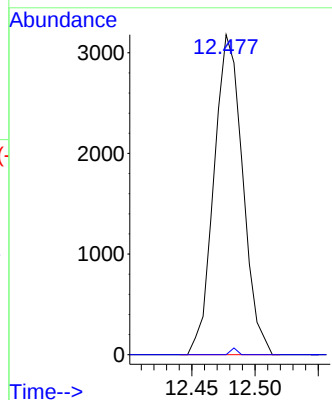
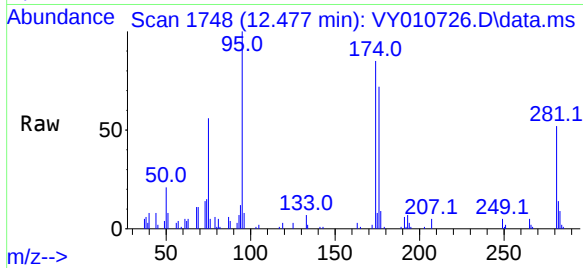




#76
1,2,3-Trichloropropane
Concen: 550.832 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

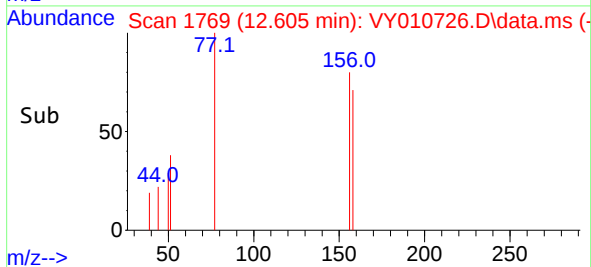
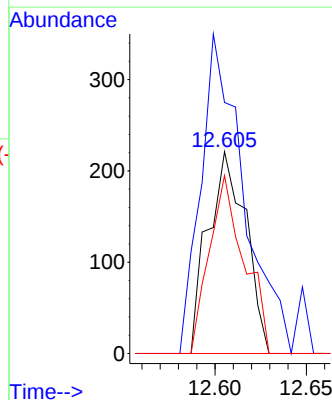
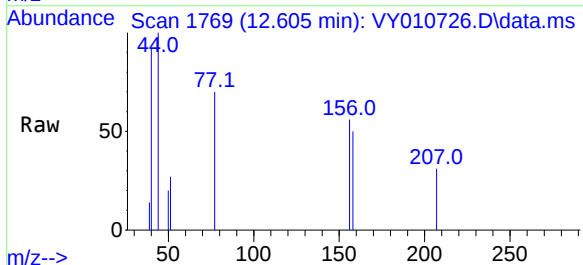
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

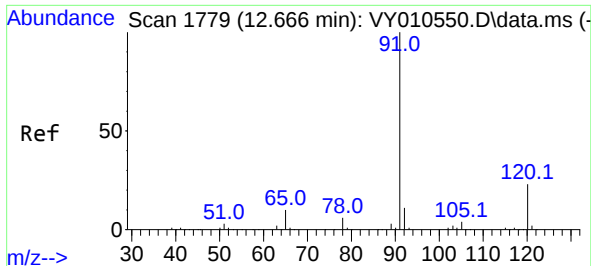
Tgt Ion: 75 Resp: 5026
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#77
Bromobenzene
Concen: 22.550 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion:156 Resp: 317
Ion Ratio Lower Upper
156 100
77 179.8 95.5 286.4
158 81.7 48.0 144.0

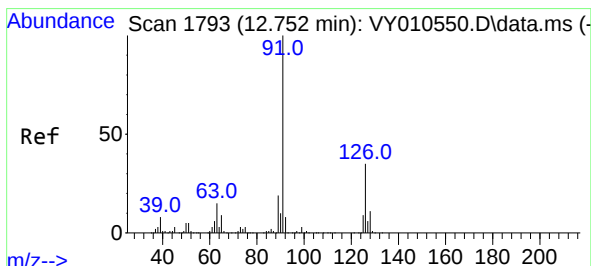
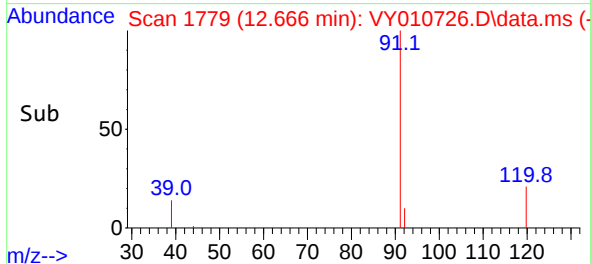
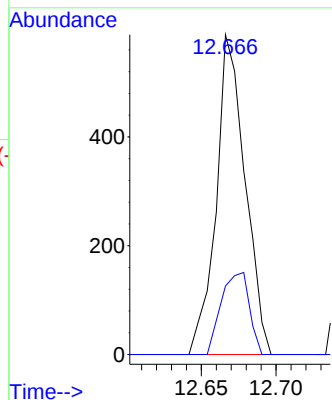
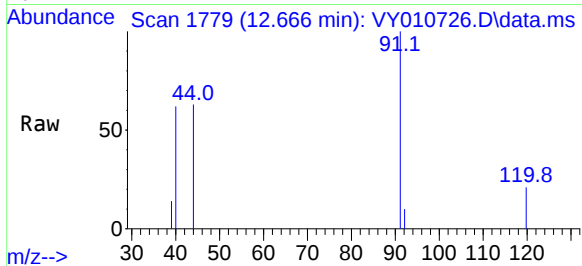




#78
n-propylbenzene
Concen: 11.211 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

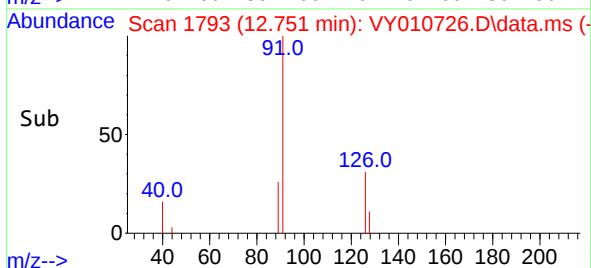
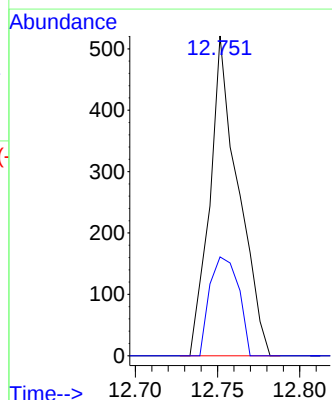
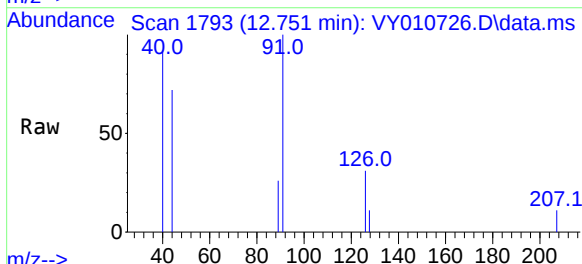
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

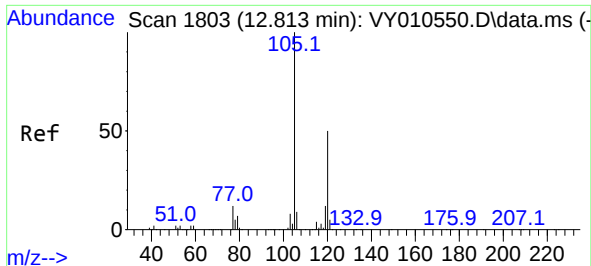
Tgt Ion: 91 Resp: 789
Ion Ratio Lower Upper
91 100
120 24.8 11.3 33.9



#79
2-Chlorotoluene
Concen: 15.611 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.001 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion: 91 Resp: 626
Ion Ratio Lower Upper
91 100
126 31.3 16.9 50.6

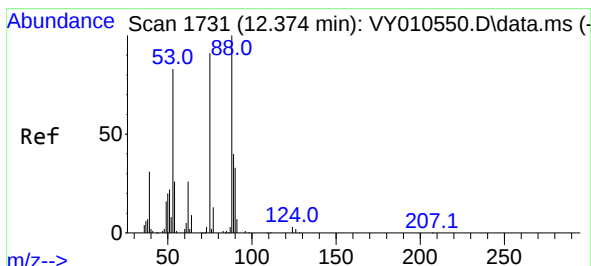
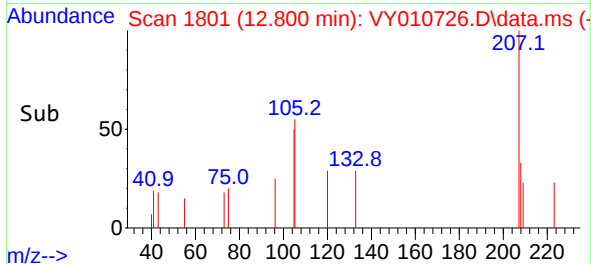
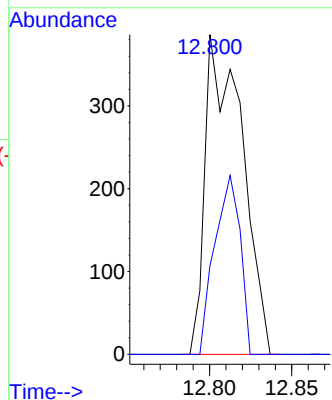
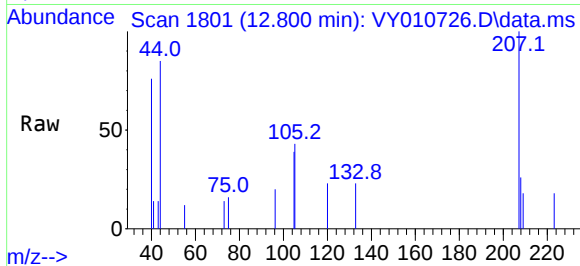




#80
1,3,5-Trimethylbenzene
Concen: 12.079 ug/l
RT: 12.800 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

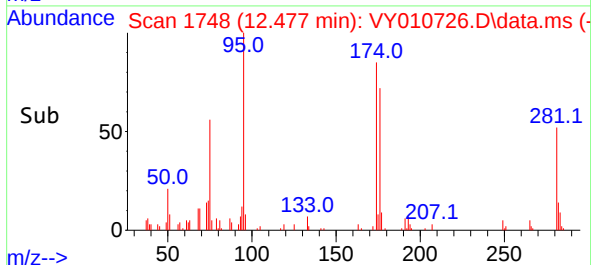
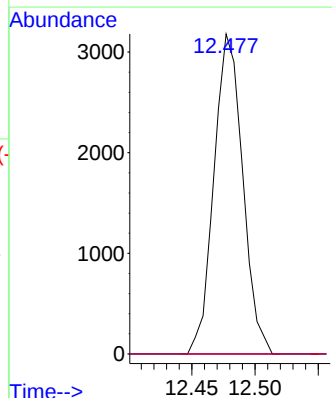
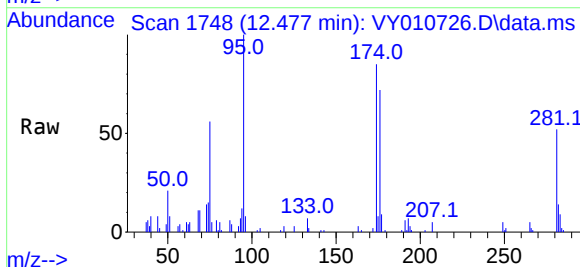
Instrument :
MSVOA_Y
ClientSampleId :
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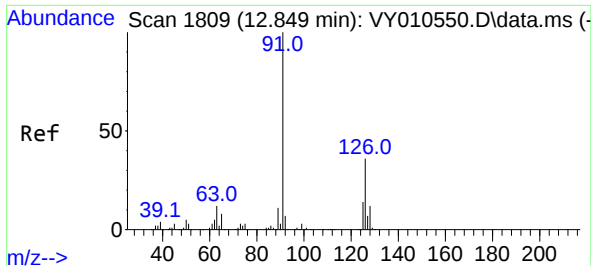
Tgt Ion:105 Resp: 603
Ion Ratio Lower Upper
105 100
120 38.6 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 1224.739 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion: 75 Resp: 5026
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

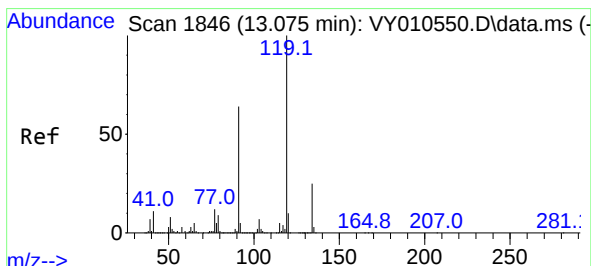
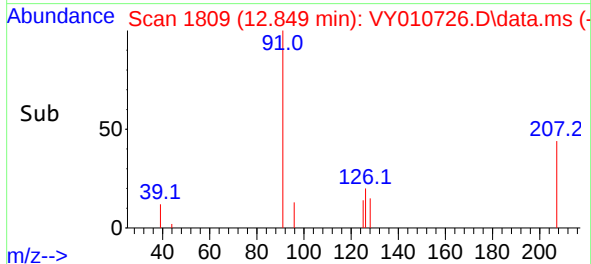
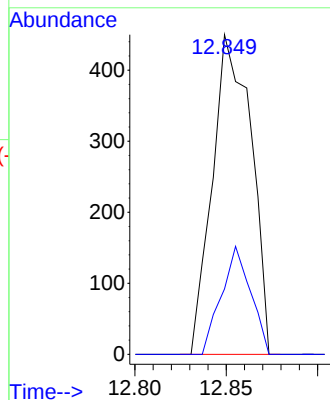
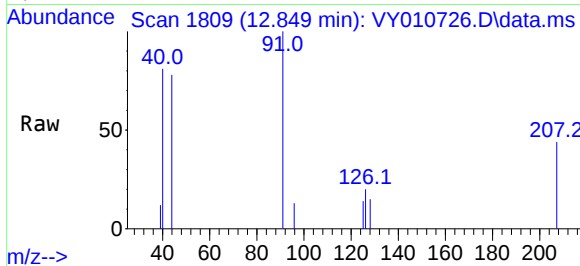




#82
4-Chlorotoluene
Concen: 15.988 ug/l
RT: 12.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

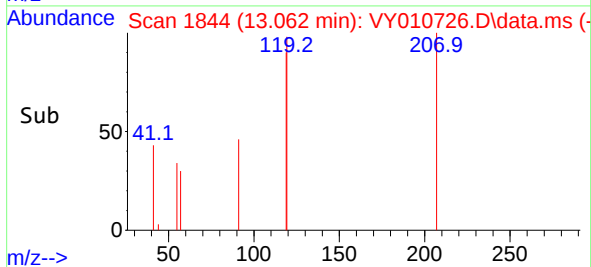
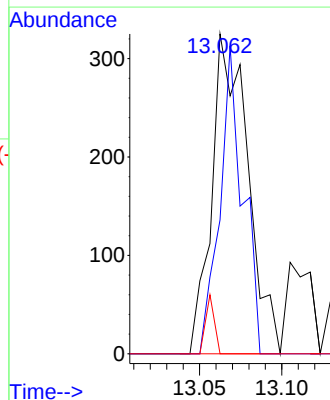
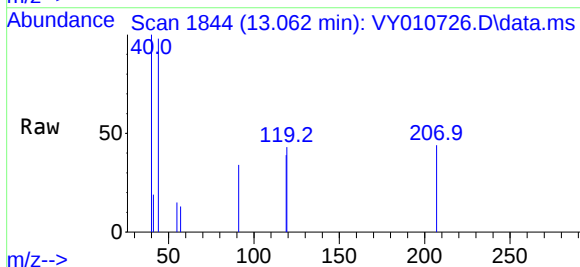
Instrument :
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ClientSampleId :
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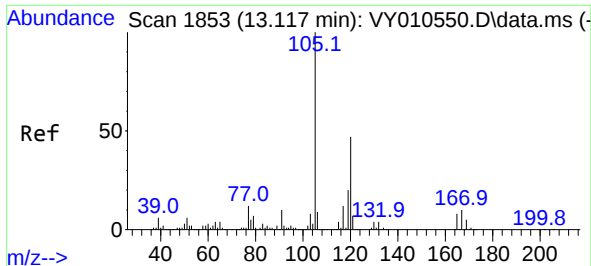
Tgt Ion: 91 Resp: 662
Ion Ratio Lower Upper
91 100
126 25.5 17.0 51.0



#83
tert-Butylbenzene
Concen: 11.087 ug/l
RT: 13.062 min Scan# 1844
Delta R.T. -0.013 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion: 119 Resp: 495
Ion Ratio Lower Upper
119 100
91 61.8 34.8 104.4
134 4.4 13.3 39.9#

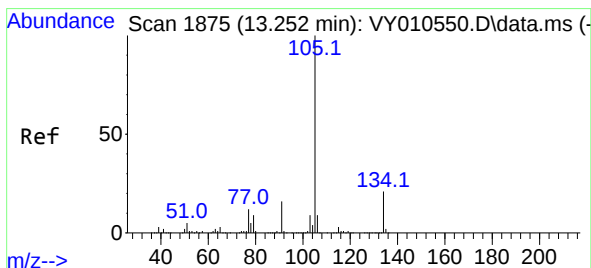
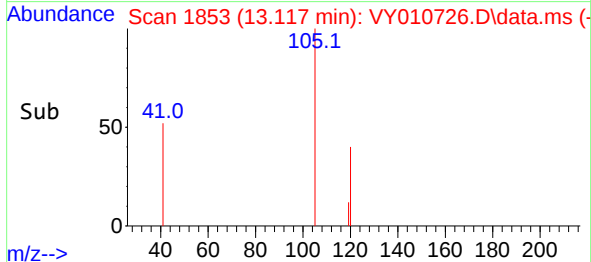
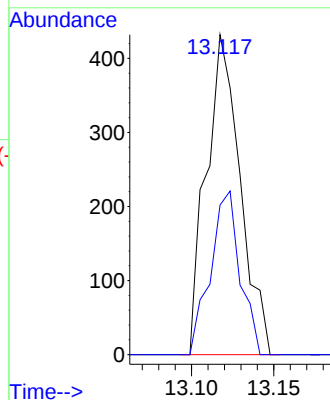
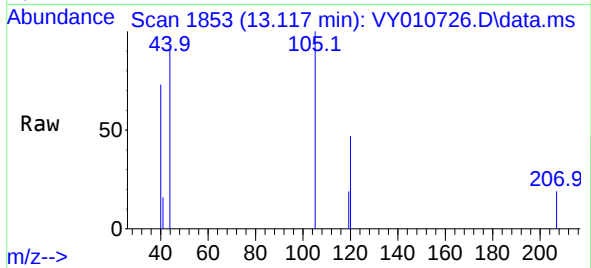




#84
1,2,4-Trimethylbenzene
Concen: 12.501 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

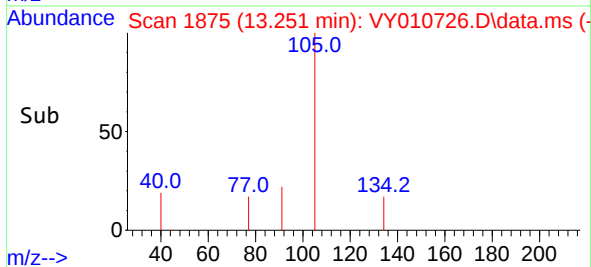
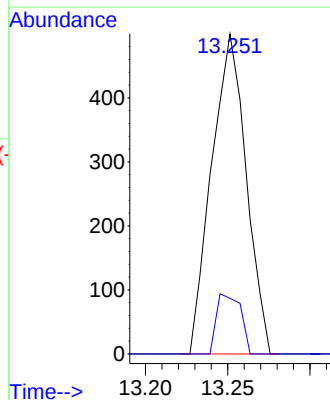
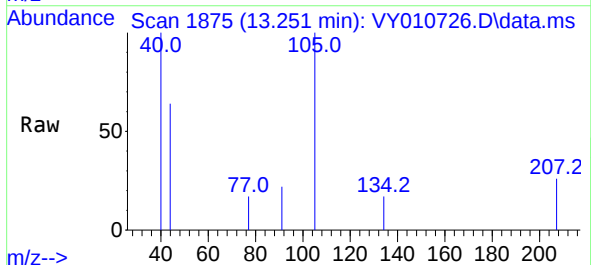
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

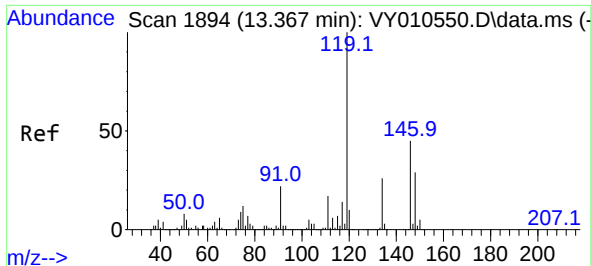
Tgt Ion:105 Resp: 620
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.9



#85
sec-Butylbenzene
Concen: 11.164 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.001 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion:105 Resp: 730
Ion Ratio Lower Upper
105 100
134 13.0 10.2 30.4

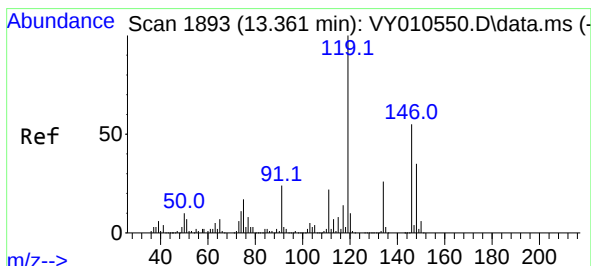
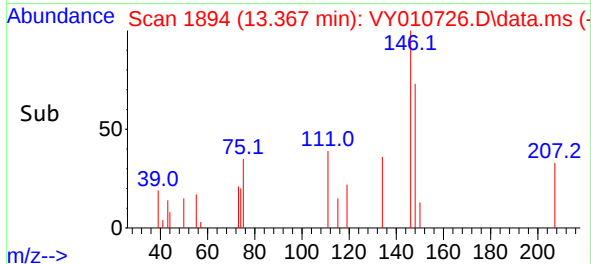
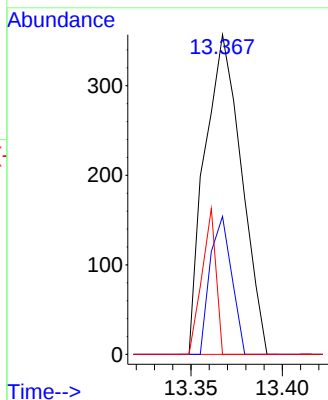
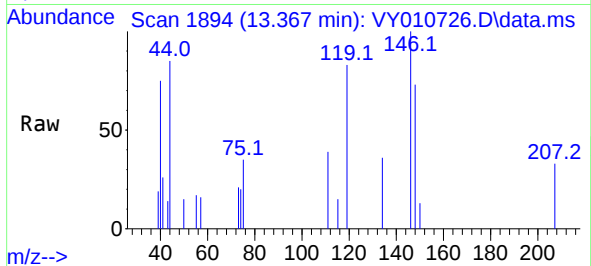




#86
p-Isopropyltoluene
Concen: 9.114 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

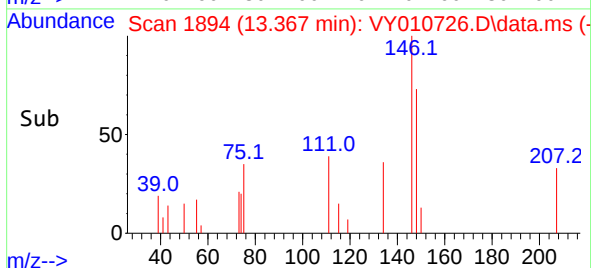
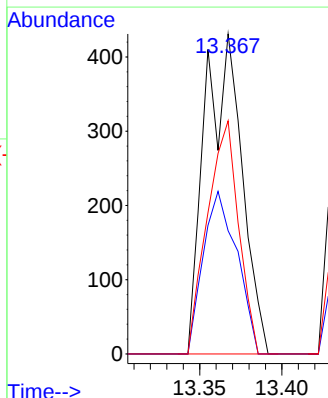
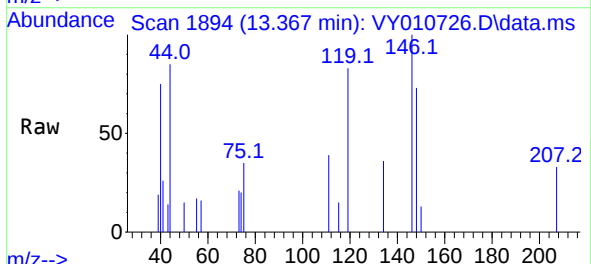
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

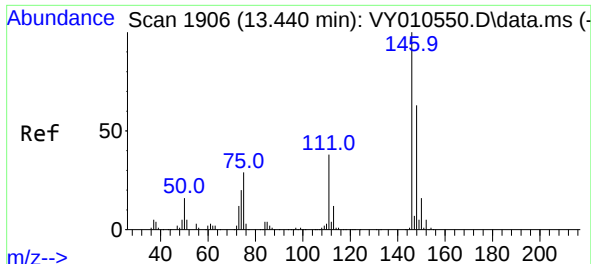
Tgt Ion:119	Resp:	498
Ion	Ratio	Lower Upper
119	100	
134	25.3	13.2 39.5
91	17.5	12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 23.692 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion:146	Resp:	676
Ion	Ratio	Lower Upper
146	100	
111	46.0	19.5 58.5
148	61.2	31.6 95.0

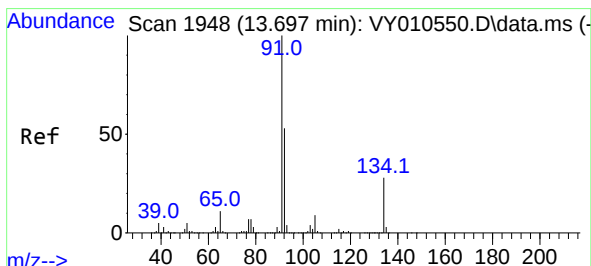
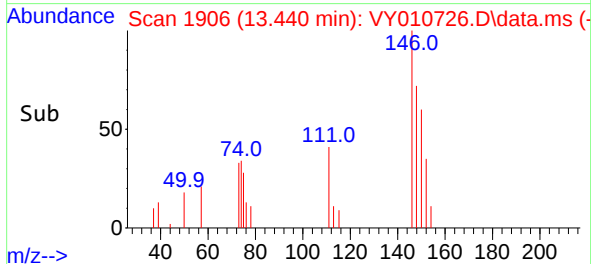
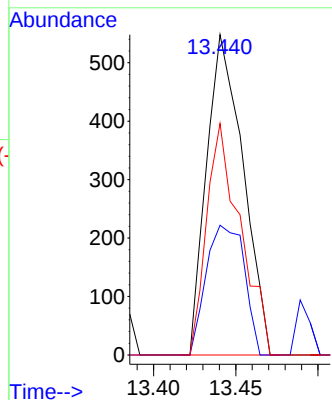
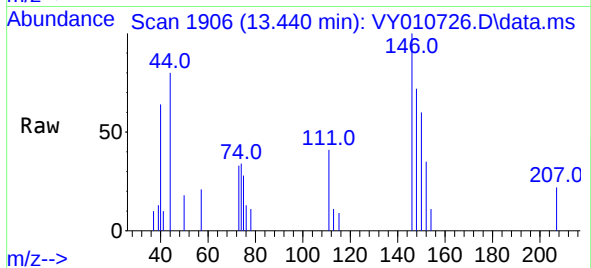




#88
1,4-Dichlorobenzene
Concen: 29.993 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

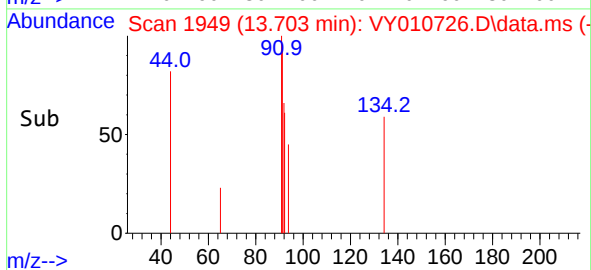
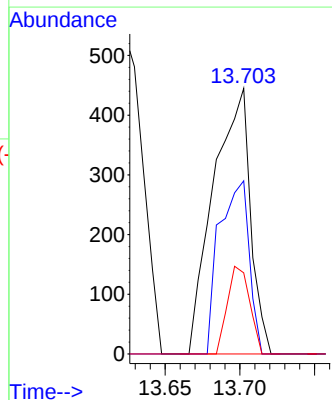
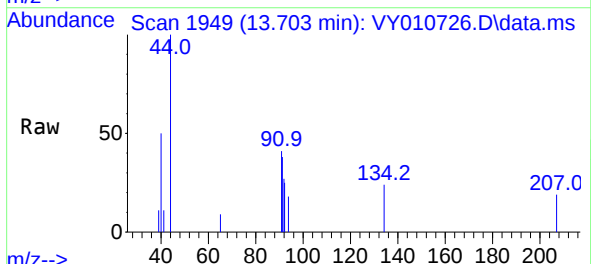
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

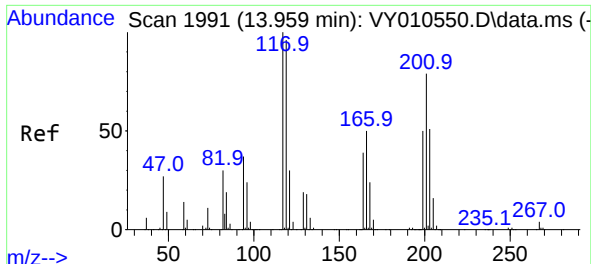
Tgt Ion:	146	Resp:	847
Ion	Ratio	Lower	Upper
146	100		
111	42.1	19.3	57.8
148	66.5	32.6	97.8



#89
n-Butylbenzene
Concen: 15.211 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion:	91	Resp:	763
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.3	78.9
134	19.9	13.0	38.9

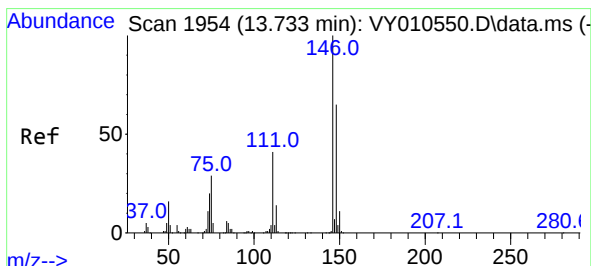
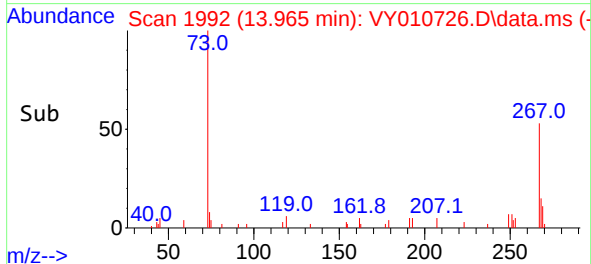
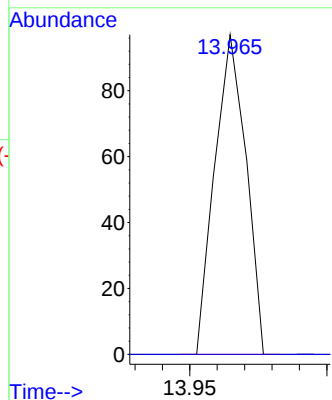
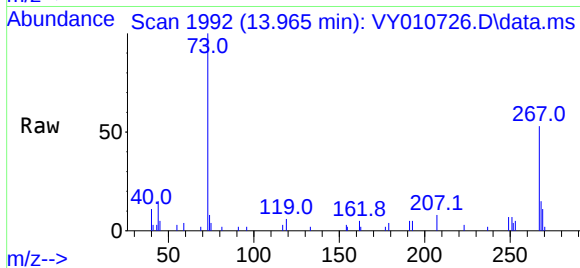




#90
Hexachloroethane
Concen: 7.339 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

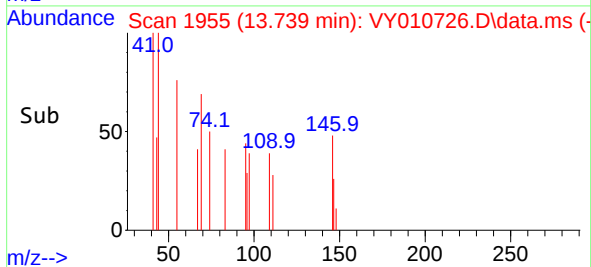
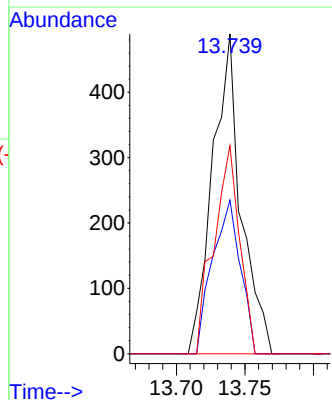
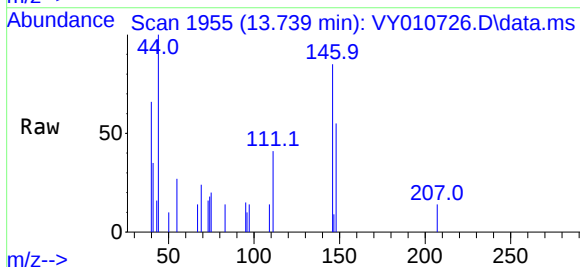
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

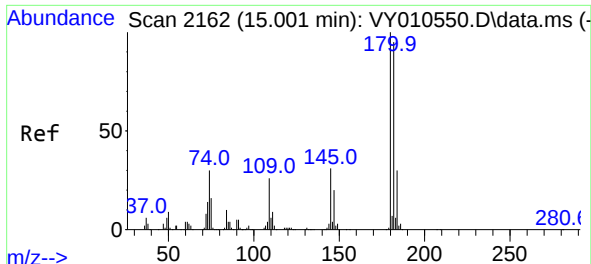
Tgt Ion:117 Resp: 77
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#91
1,2-Dichlorobenzene
Concen: 27.855 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion:146 Resp: 708
Ion Ratio Lower Upper
146 100
111 46.9 20.3 60.9
148 58.8 32.3 96.9





#93

1,2,4-Trichlorobenzene

Concen: 36.633 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY010726.D

Acq: 28 Sep 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

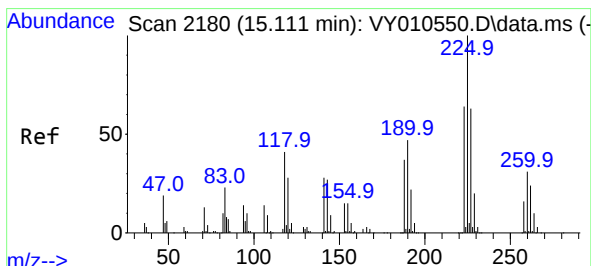
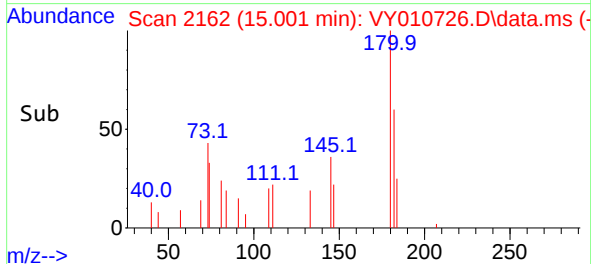
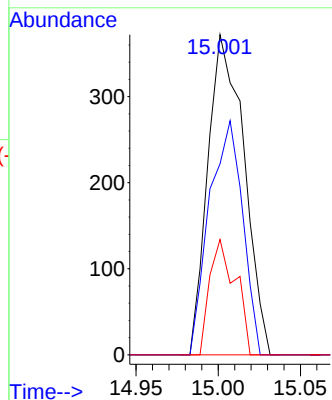
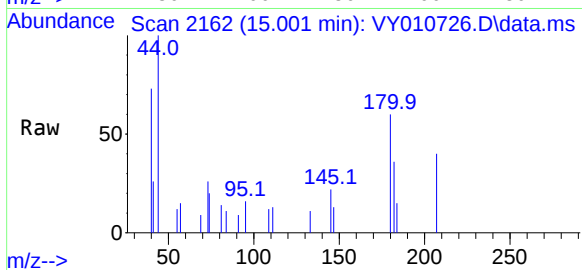
Tgt Ion:180 Resp: 568

Ion Ratio Lower Upper

180 100

182 67.4 47.3 141.9

145 25.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 6.897 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010726.D

Acq: 28 Sep 2022 18:52

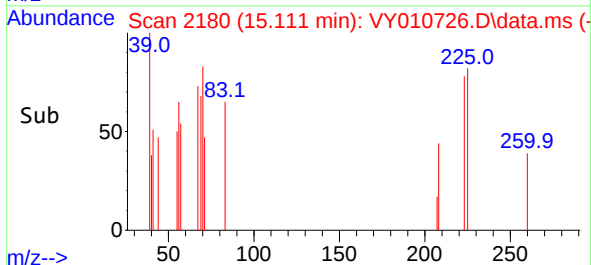
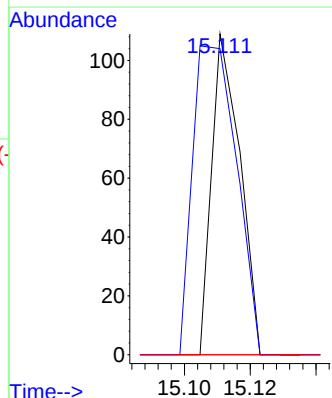
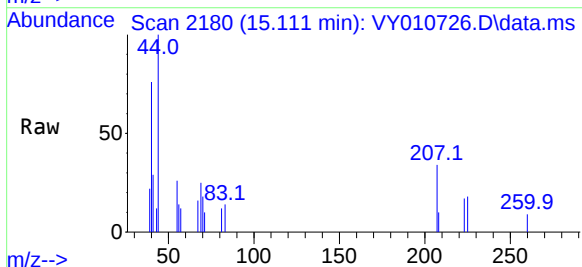
Tgt Ion:225 Resp: 65

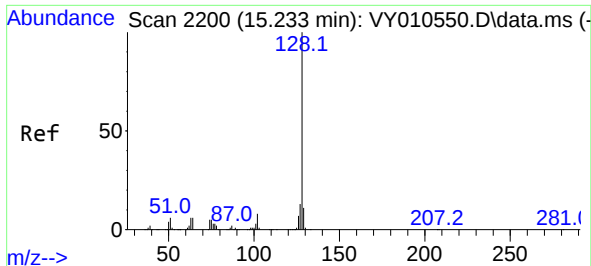
Ion Ratio Lower Upper

225 100

223 150.8 30.8 92.3#

227 0.0 31.6 94.7#

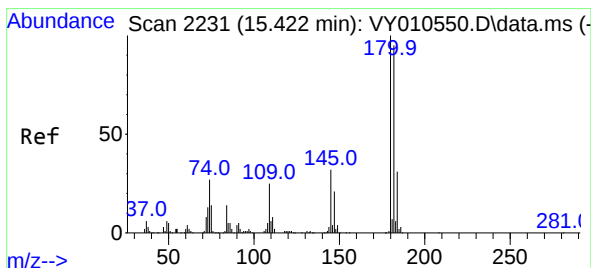
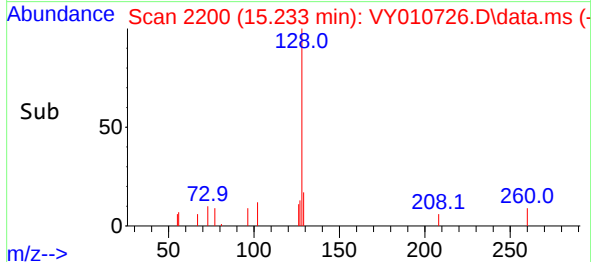
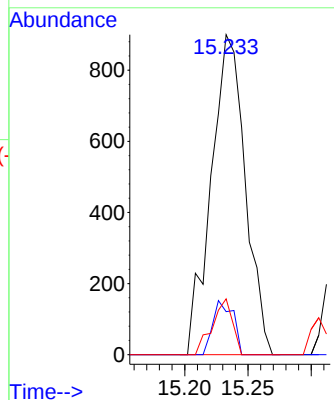
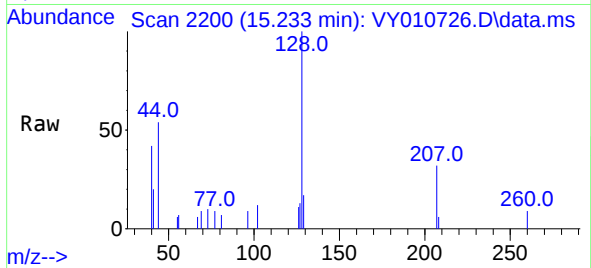




#95
Naphthalene
Concen: 54.158 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1692
Ion Ratio Lower Upper
128 100
127 10.0 11.0 16.4#
129 10.3 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 32.739 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY010726.D
Acq: 28 Sep 2022 18:52

Tgt Ion:180 Resp: 442
Ion Ratio Lower Upper
180 100
182 130.1 47.3 141.9
145 39.6 15.3 45.9

