

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009500.D
 Acq On : 11 Jul 2022 09:19
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 05:01:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	202177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	321039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	296938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147899	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	68067	47.466	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.940%
35) Dibromofluoromethane	7.710	113	76017	45.001	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.000%
50) Toluene-d8	10.179	98	226703	48.745	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	97.500%
62) 4-Bromofluorobenzene	12.477	95	120829	50.674	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	101.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	73532	47.427	ug/l	97
3) Chloromethane	2.113	50	83878	48.445	ug/l	94
4) Vinyl Chloride	2.247	62	103920	52.718	ug/l	98
5) Bromomethane	2.644	94	63282	44.684	ug/l	98
6) Chloroethane	2.790	64	54571	47.416	ug/l	98
7) Trichlorofluoromethane	3.119	101	134383	51.060	ug/l	94
8) Diethyl Ether	3.528	74	48397	48.065	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	86574	48.550	ug/l	96
10) Methyl Iodide	4.088	142	115039	48.176	ug/l	90
11) Tert butyl alcohol	4.948	59	47834	175.806	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	84404	51.032	ug/l	88
13) Acrolein	3.729	56	27772	182.875	ug/l	92
14) Allyl chloride	4.473	41	153782	54.041	ug/l	96
15) Acrylonitrile	5.155	53	138008	249.093	ug/l	99
16) Acetone	3.942	43	134508	273.487	ug/l	92
17) Carbon Disulfide	4.186	76	258406	47.279	ug/l	99
18) Methyl Acetate	4.466	43	63537	43.999	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	258026	51.545	ug/l	96
20) Methylene Chloride	4.704	84	98989	41.726	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	101585	52.419	ug/l	91
22) Diisopropyl ether	6.112	45	343521	56.782	ug/l	94
23) Vinyl Acetate	6.052	43	1119299	266.260	ug/l	96
24) 1,1-Dichloroethane	6.009	63	179220	52.532	ug/l	99
25) 2-Butanone	6.978	43	210664	264.780	ug/l	92
26) 2,2-Dichloropropane	6.978	77	172257	51.229	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	119485	52.371	ug/l	92
28) Bromochloromethane	7.326	49	77556	54.087	ug/l	88
29) Tetrahydrofuran	7.338	42	132718	257.904	ug/l	94
30) Chloroform	7.502	83	187524	50.222	ug/l	97
31) Cyclohexane	7.783	56	170259	51.330	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	168756	51.263	ug/l	97
36) 1,1-Dichloropropene	7.911	75	146798	53.379	ug/l	98
37) Ethyl Acetate	7.070	43	87212	50.591	ug/l	97
38) Carbon Tetrachloride	7.899	117	153305	52.123	ug/l	96
39) Methylcyclohexane	9.179	83	183413	55.561	ug/l	92
40) Benzene	8.155	78	425821	52.730	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	121372	135.591	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	126235	52.067	ug/l	93
43) Isopropyl Acetate	8.271	43	164052	51.004	ug/l	94
44) Trichloroethene	8.935	130	120405	52.779	ug/l	95
45) 1,2-Dichloropropane	9.209	63	108082	52.885	ug/l	97
46) Dibromomethane	9.301	93	61719	51.454	ug/l	98
47) Bromodichloromethane	9.496	83	148052	51.857	ug/l	98
48) Methyl methacrylate	9.289	41	76082	54.901	ug/l	91
49) 1,4-Dioxane	9.295	88	17599	996.291	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	444741	262.926	ug/l	95
52) Toluene	10.240	92	282641	54.924	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	161998	53.844	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	178115	53.093	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	89747	51.864	ug/l	99
56) Ethyl methacrylate	10.508	69	125380	54.575	ug/l	86
57) 1,3-Dichloropropane	10.788	76	151078	52.961	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	305260	271.997	ug/l	95
59) 2-Hexanone	10.831	43	324541	276.889	ug/l	93
60) Dibromochloromethane	10.984	129	110815	52.883	ug/l	98
61) 1,2-Dibromoethane	11.087	107	87047	52.472	ug/l	99
64) Tetrachloroethene	10.715	164	133817	53.900	ug/l	96
65) Chlorobenzene	11.514	112	303955	52.120	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	112703	51.375	ug/l	98
67) Ethyl Benzene	11.593	91	544614	53.492	ug/l	97
68) m/p-Xylenes	11.697	106	431009	108.547	ug/l	93
69) o-Xylene	12.026	106	207188	54.437	ug/l	91
70) Styrene	12.044	104	347981	54.739	ug/l	95
71) Bromoform	12.209	173	73936	52.880	ug/l #	98
73) Isopropylbenzene	12.331	105	547043	54.084	ug/l	99
74) N-amyl acetate	12.142	43	153026	53.173	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	102271	50.498	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	142428	90.972	ug/l #	100
77) Bromobenzene	12.611	156	128118	52.030	ug/l	97
78) n-propylbenzene	12.672	91	658340	53.874	ug/l	97
79) 2-Chlorotoluene	12.758	91	372473	54.444	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	453055	53.587	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	38991	50.970	ug/l	88
82) 4-Chlorotoluene	12.855	91	386727	53.939	ug/l	97
83) tert-Butylbenzene	13.075	119	399024	53.049	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	447297	53.153	ug/l	96
85) sec-Butylbenzene	13.251	105	595966	53.799	ug/l	98
86) p-Isopropyltoluene	13.367	119	490774	53.149	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	250598	51.557	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	254256	51.684	ug/l	98
89) n-Butylbenzene	13.696	91	466987	54.158	ug/l	97
90) Hexachloroethane	13.959	117	96482	53.253	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	226934	50.958	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18042	50.826	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	139402	51.324	ug/l	99
94) Hexachlorobutadiene	15.111	225	76200	51.029	ug/l	97
95) Naphthalene	15.233	128	286269	50.976	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	118863	50.527	ug/l	99

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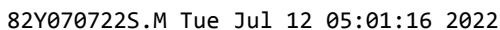
Instrument :
MSVOA_Y
ClientSampleId :

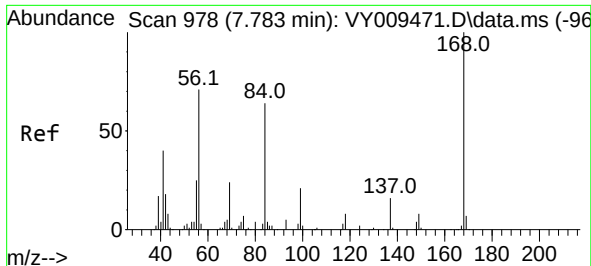
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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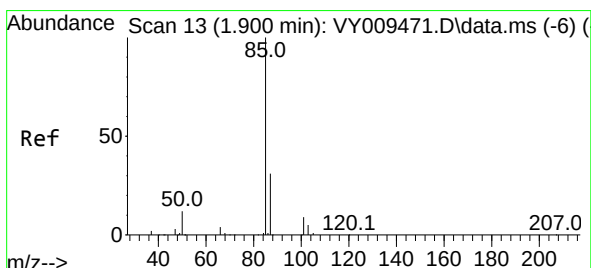
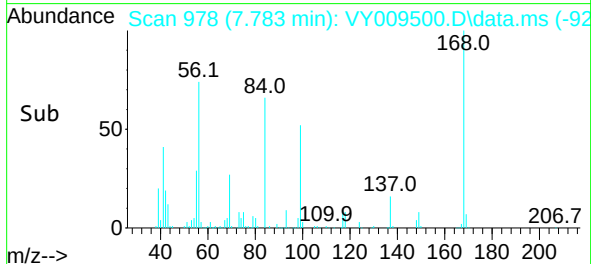
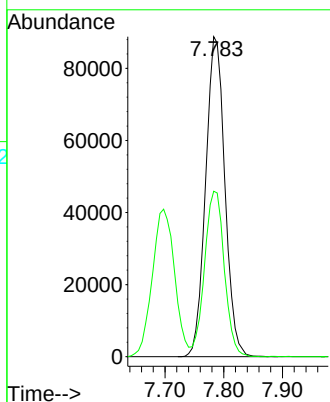
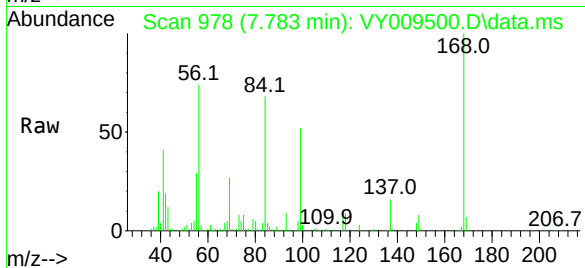




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009500.D
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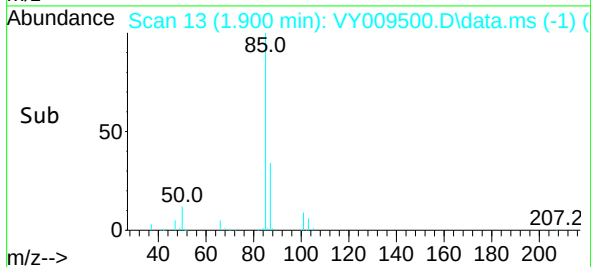
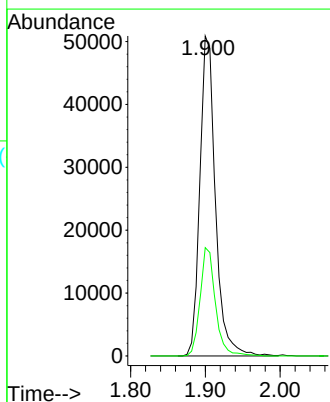
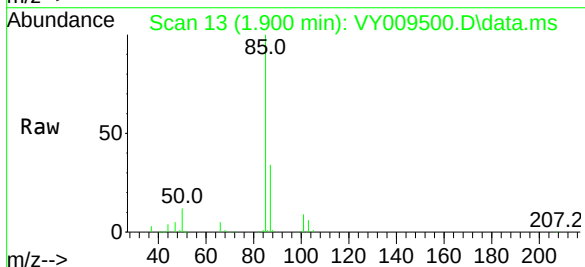
Instrument :
MSVOA_Y
ClientSampleId :

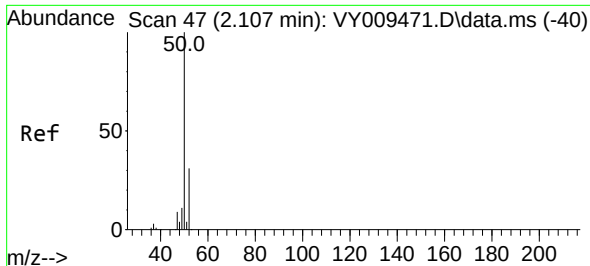
Tgt Ion:168 Resp: 202177
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 47.427 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion: 85 Resp: 73532
Ion Ratio Lower Upper
85 100
87 33.9 16.1 48.2

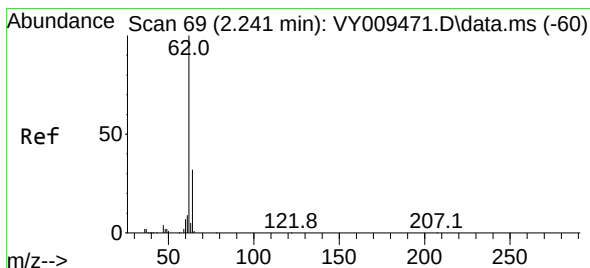
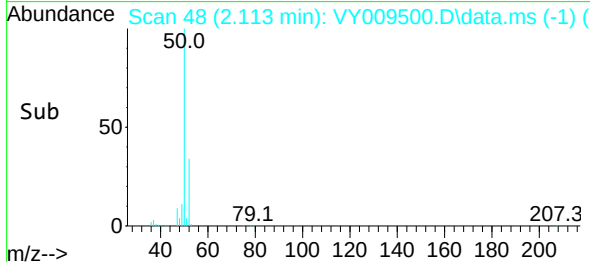
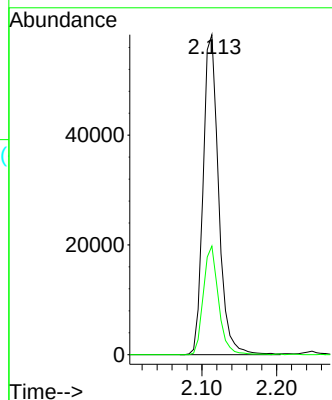
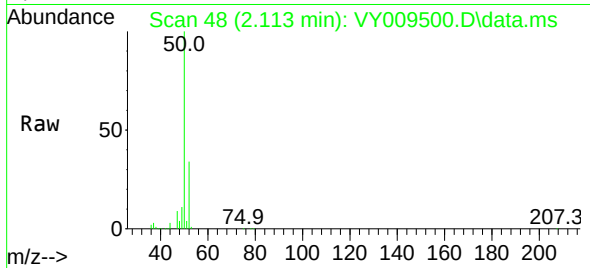




#3
Chloromethane
Concen: 48.445 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

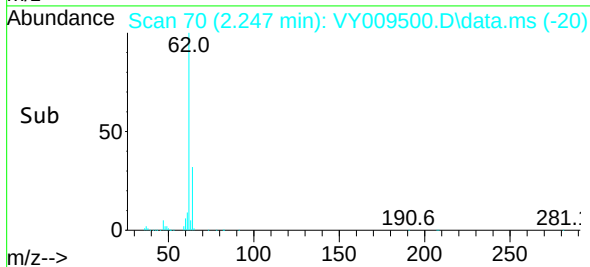
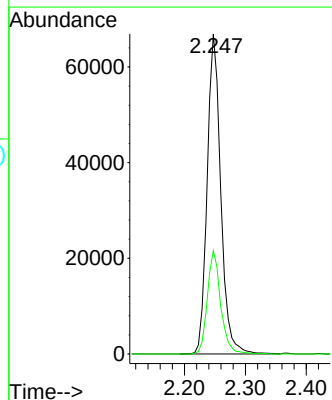
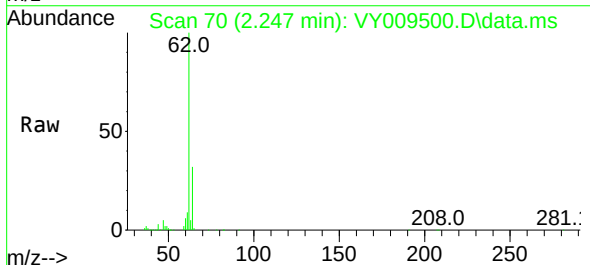
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ClientSampleId :

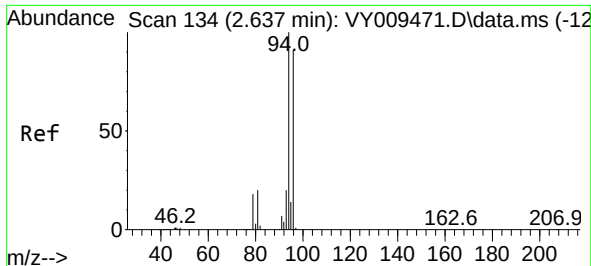
Tgt Ion: 50 Resp: 83878
Ion Ratio Lower Upper
50 100
52 34.0 24.6 37.0



#4
Vinyl Chloride
Concen: 52.718 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion: 62 Resp: 103920
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6

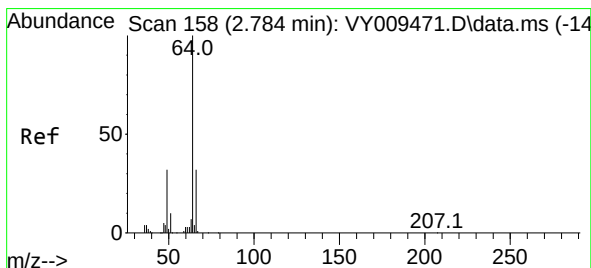
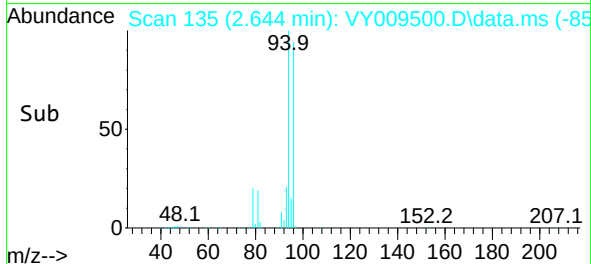
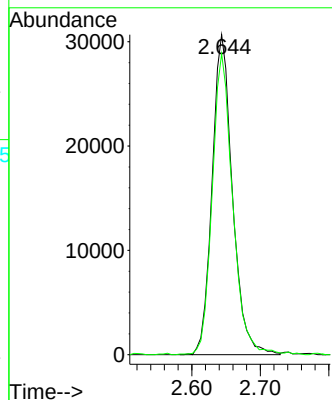
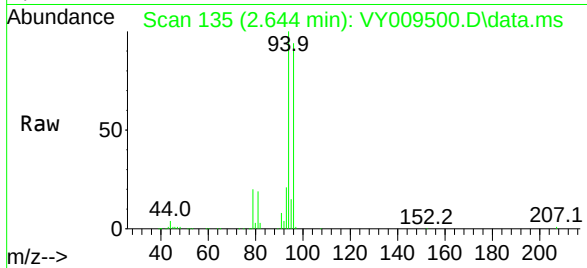




#5
Bromomethane
Concen: 44.684 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

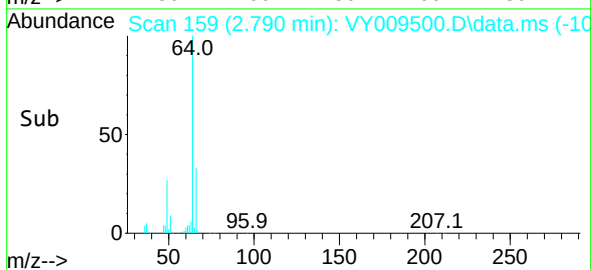
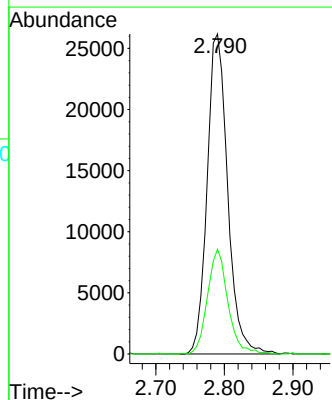
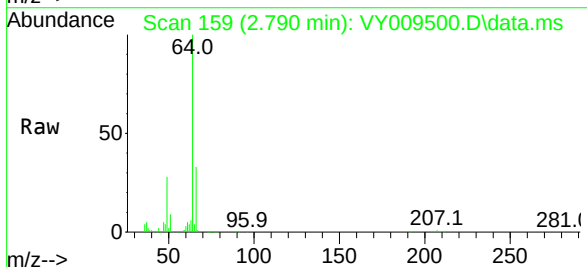
Instrument :
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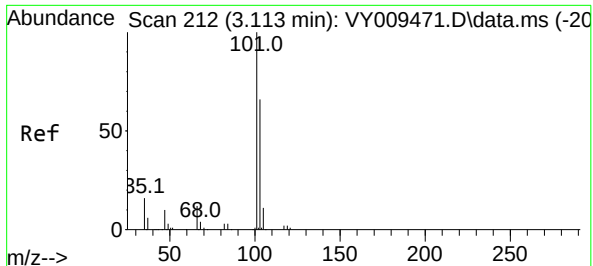
Tgt Ion: 94 Resp: 63282
Ion Ratio Lower Upper
94 100
96 93.8 73.5 110.3



#6
Chloroethane
Concen: 47.416 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion: 64 Resp: 54571
Ion Ratio Lower Upper
64 100
66 32.8 25.4 38.0

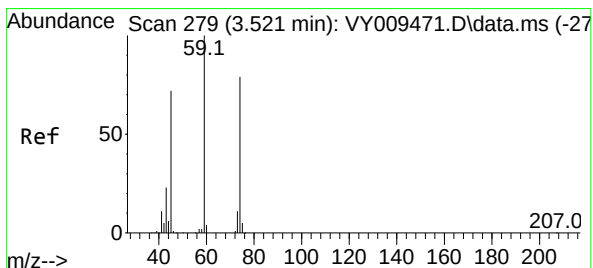
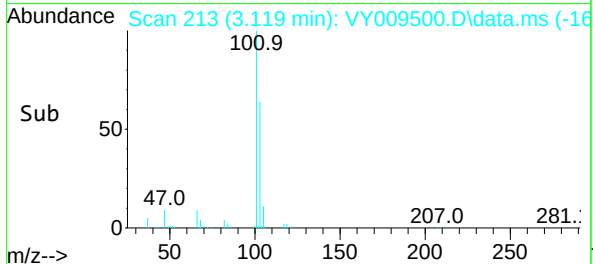
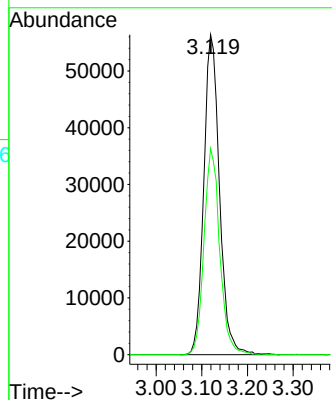
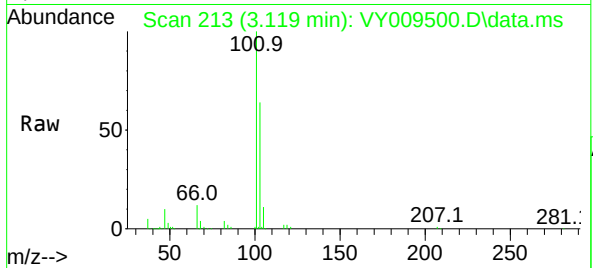




#7
Trichlorofluoromethane
Concen: 51.060 ug/l
RT: 3.119 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

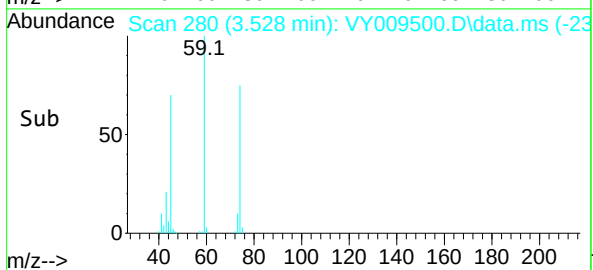
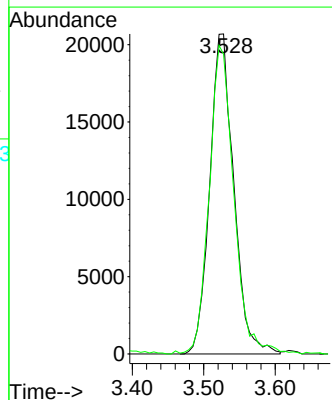
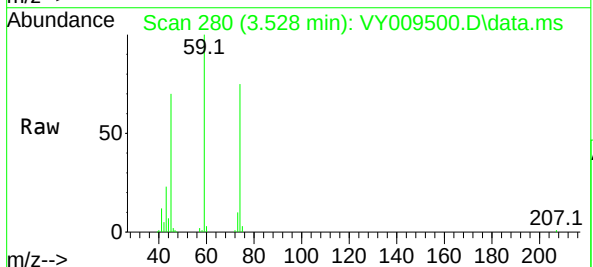
Instrument :
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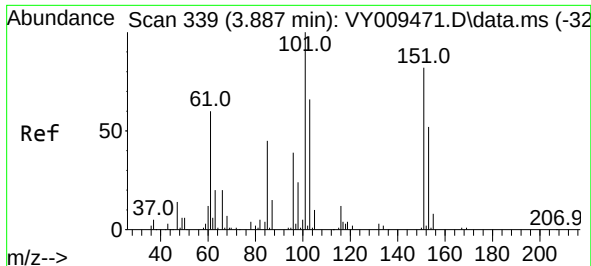
Tgt Ion:101 Resp: 134383
Ion Ratio Lower Upper
101 100
103 64.4 48.0 72.0



#8
Diethyl Ether
Concen: 48.065 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.007 min
Lab File: VY009500.D
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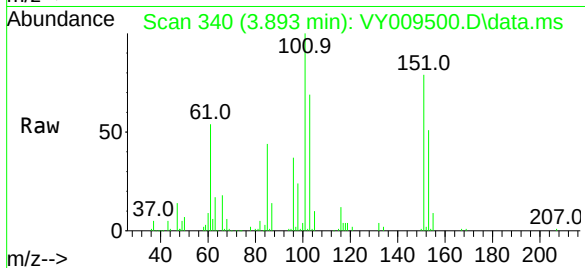
Tgt Ion: 74 Resp: 48397
Ion Ratio Lower Upper
74 100
45 99.0 55.1 165.5



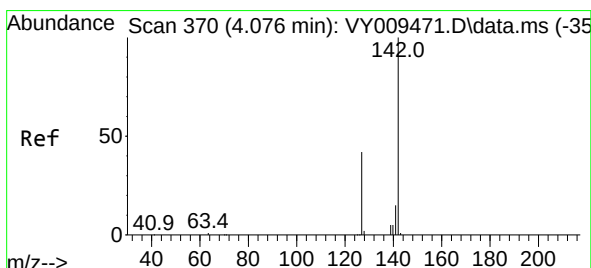
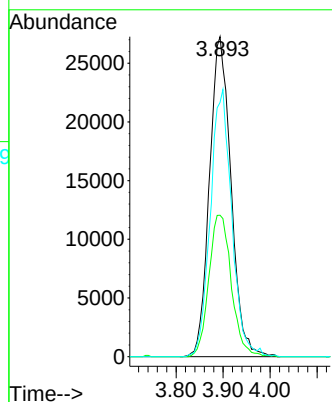
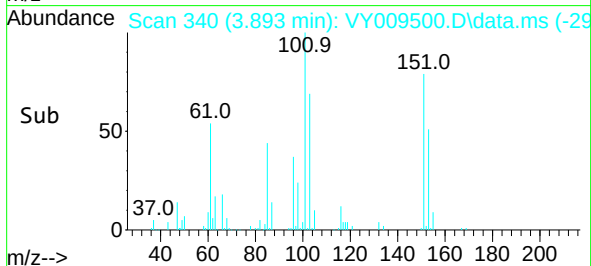


#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.550 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
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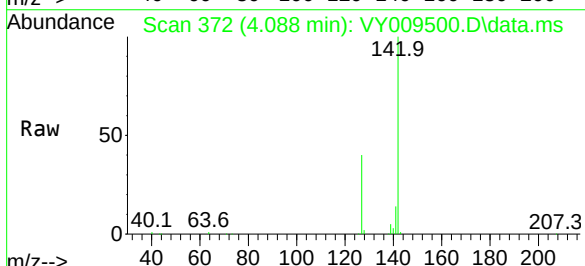
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ClientSampleId :



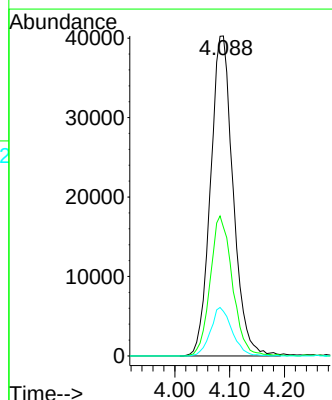
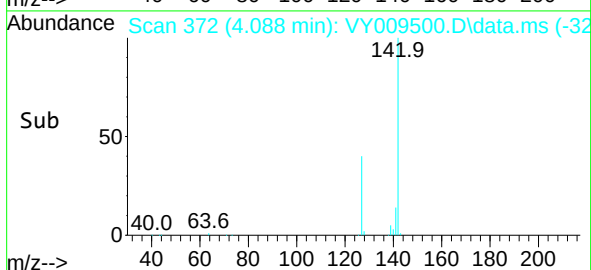
Tgt Ion:101 Resp: 86574
Ion Ratio Lower Upper
101 100
85 46.2 40.6 60.8
151 83.1 64.9 97.3

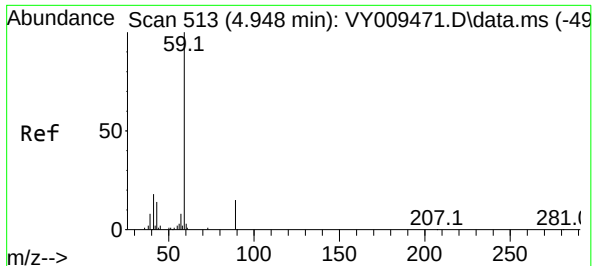


#10
Methyl Iodide
Concen: 48.176 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.012 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19



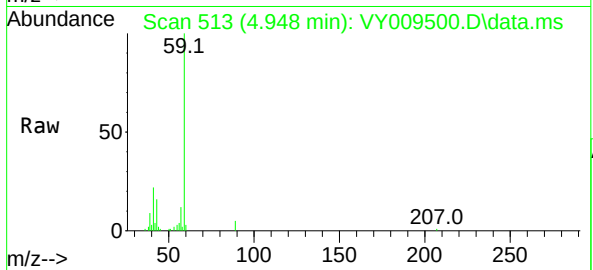
Tgt Ion:142 Resp: 115039
Ion Ratio Lower Upper
142 100
127 43.2 41.5 62.3
141 14.4 11.9 17.9



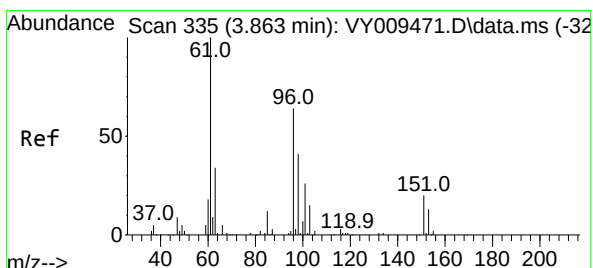
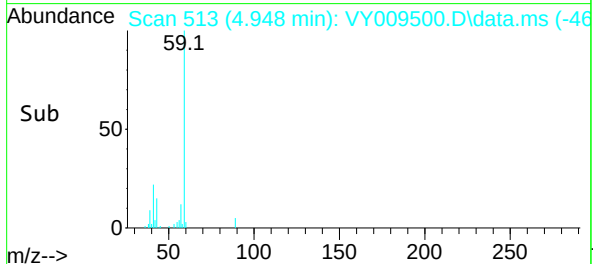
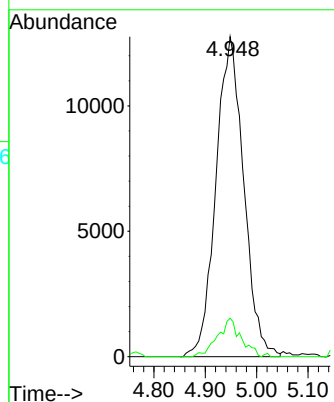


#11
Tert butyl alcohol
Concen: 175.806 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Instrument :
MSVOA_Y
ClientSampleId :

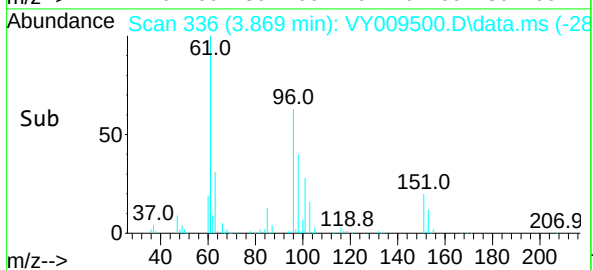
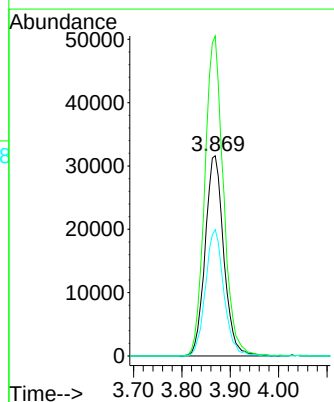
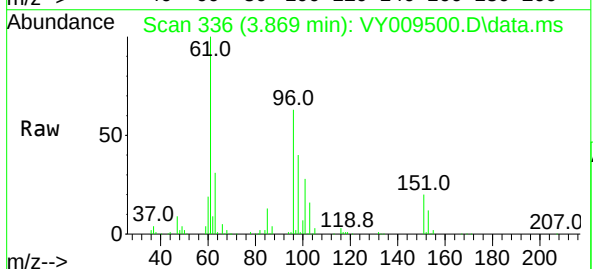


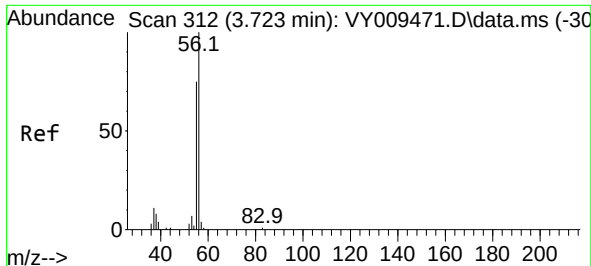
Tgt Ion: 59 Resp: 47834
Ion Ratio Lower Upper
59 100
57 10.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 51.032 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion: 96 Resp: 84404
Ion Ratio Lower Upper
96 100
61 159.9 145.8 218.6
98 63.2 52.5 78.7





#13

Acrolein

Concen: 182.875 ug/l

RT: 3.729 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

Instrument :

MSVOA_Y

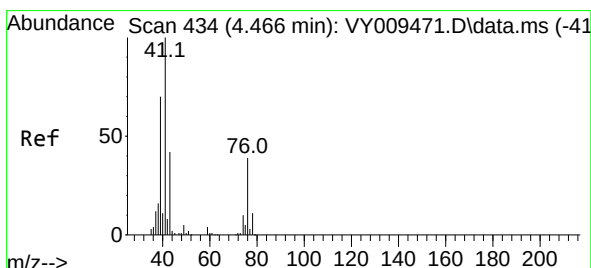
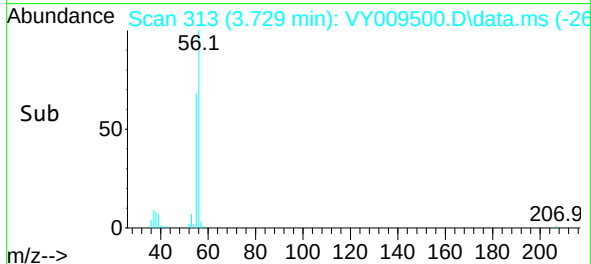
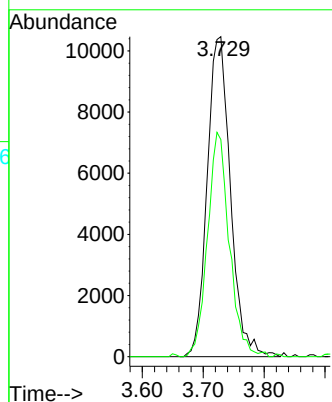
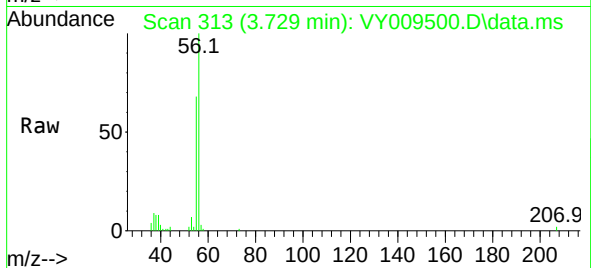
ClientSampleId :

Tgt Ion: 56 Resp: 27772

Ion Ratio Lower Upper

56 100

55 65.7 57.6 86.4



#14

Allyl chloride

Concen: 54.041 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.007 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

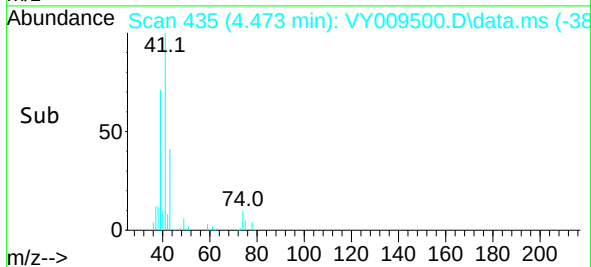
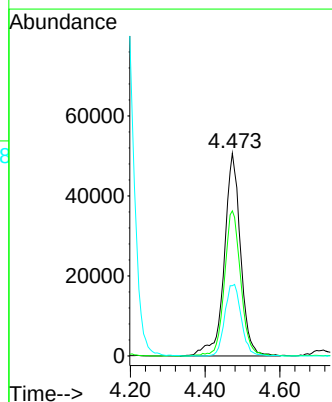
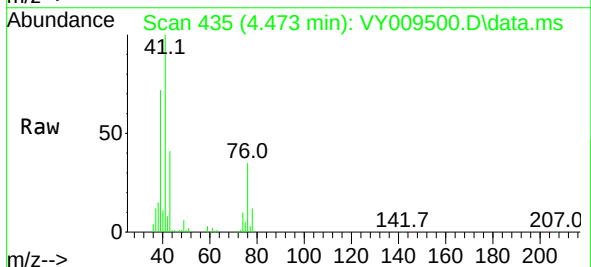
Tgt Ion: 41 Resp: 153782

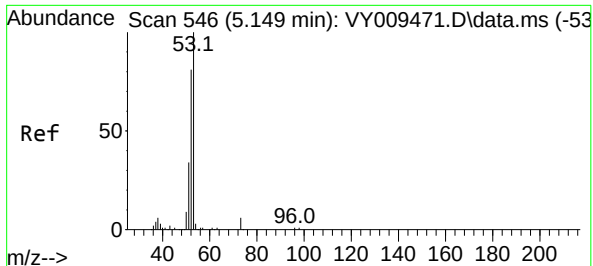
Ion Ratio Lower Upper

41 100

39 71.6 58.8 88.2

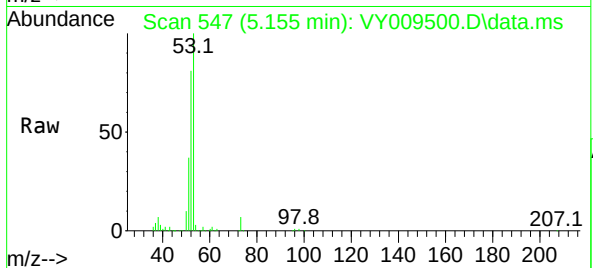
76 35.6 25.1 37.7



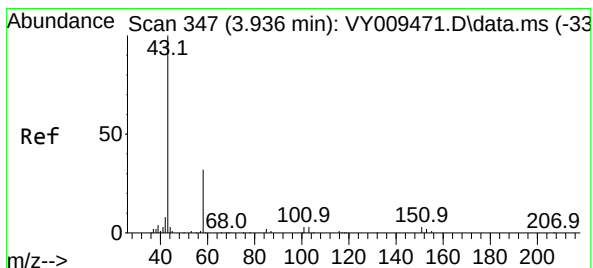
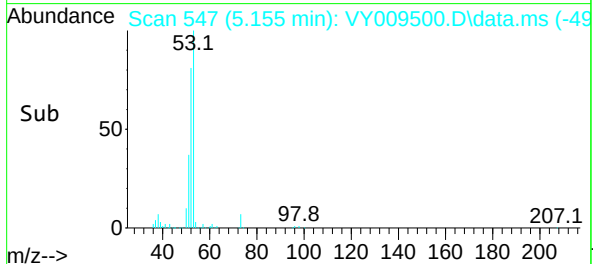
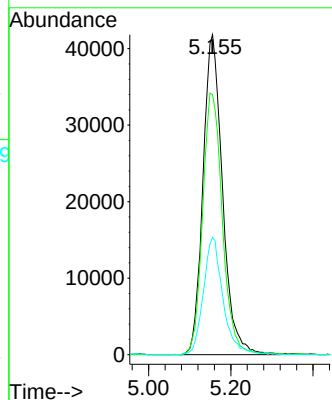


#15
Acrylonitrile
Concen: 249.093 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Instrument :
MSVOA_Y
ClientSampleId :

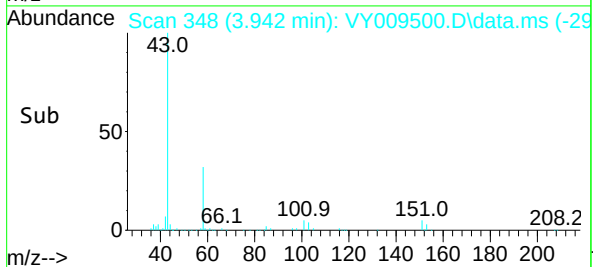
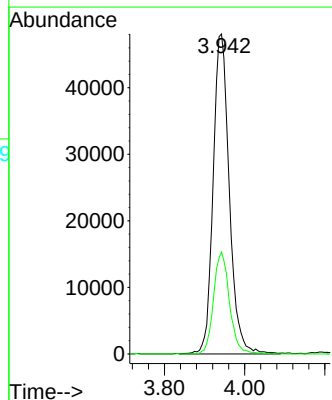
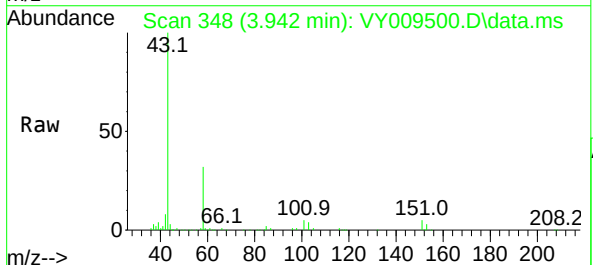


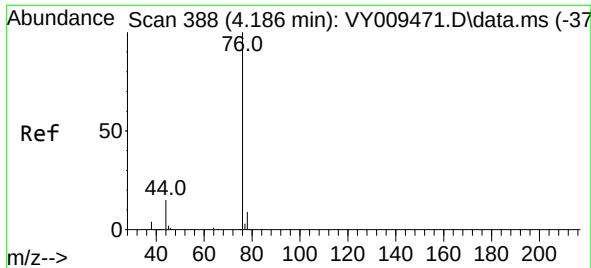
Tgt Ion: 53 Resp: 138008
Ion Ratio Lower Upper
53 100
52 82.3 67.0 100.4
51 36.6 29.8 44.6



#16
Acetone
Concen: 273.487 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion: 43 Resp: 134508
Ion Ratio Lower Upper
43 100
58 31.9 22.0 33.0

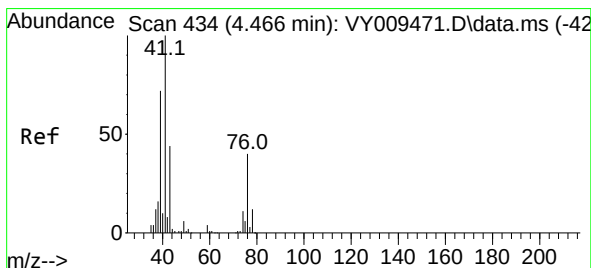
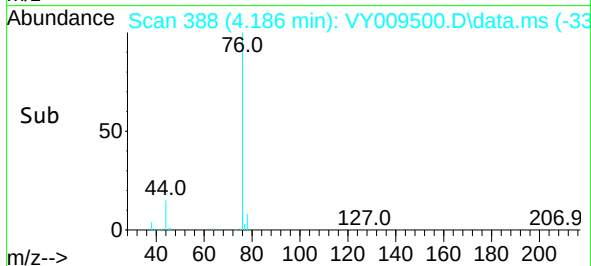
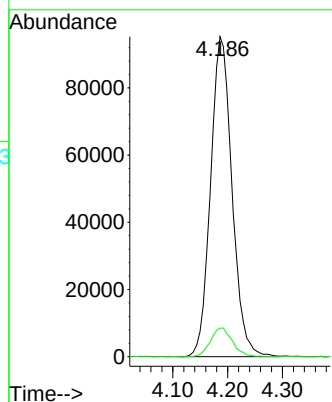
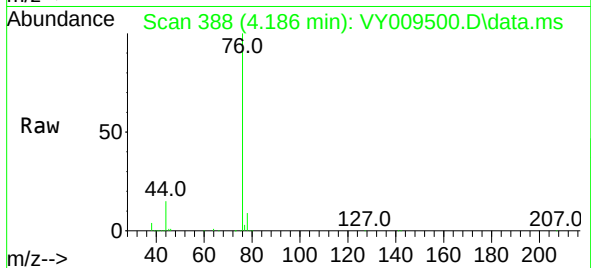




#17
Carbon Disulfide
Concen: 47.279 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

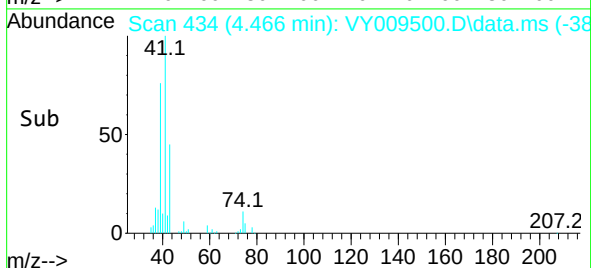
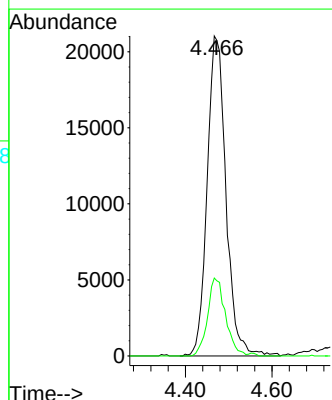
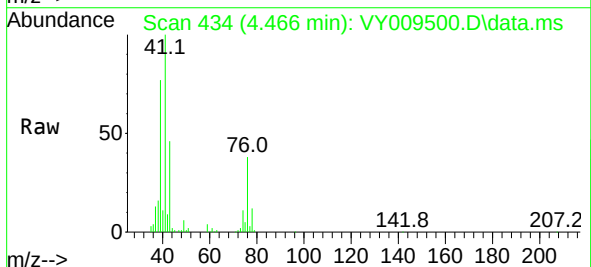
Instrument :
MSVOA_Y
ClientSampleId :

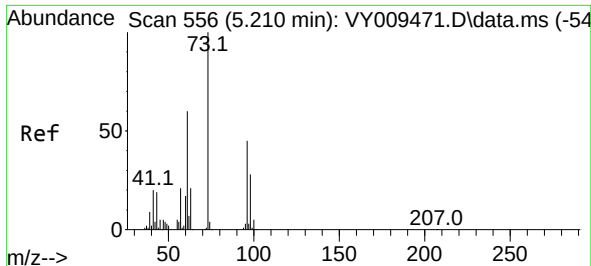
Tgt Ion: 76 Resp: 258406
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 43.999 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion: 43 Resp: 63537
Ion Ratio Lower Upper
43 100
74 23.1 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 51.545 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

Instrument :

MSVOA_Y

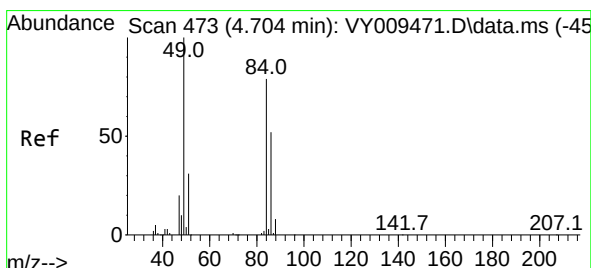
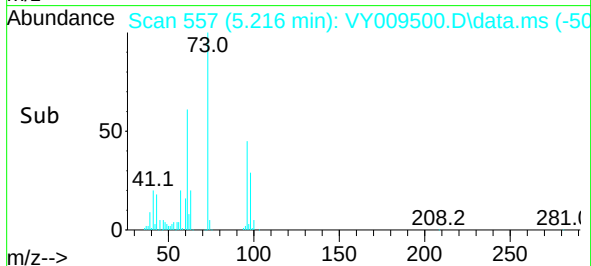
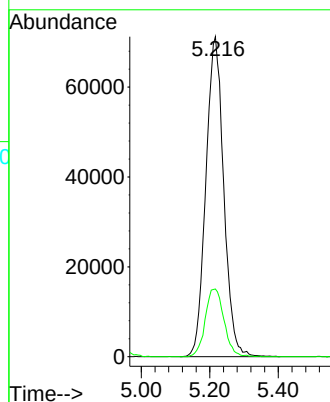
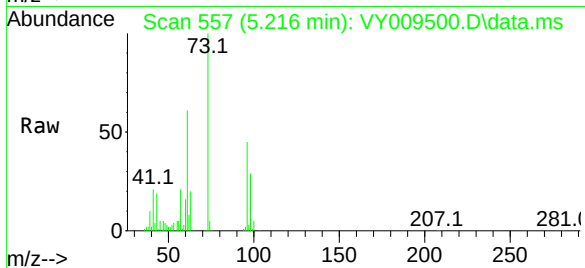
ClientSampleId :

Tgt Ion: 73 Resp: 258026

Ion Ratio Lower Upper

73 100

57 21.2 18.6 27.8



#20

Methylene Chloride

Concen: 41.726 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

Tgt Ion: 84 Resp: 98989

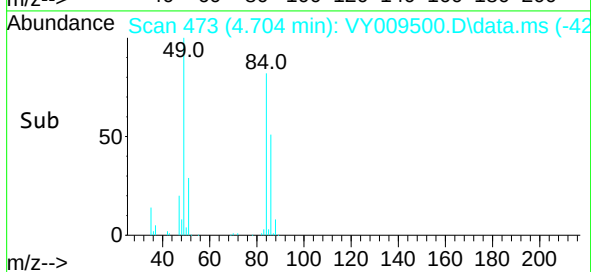
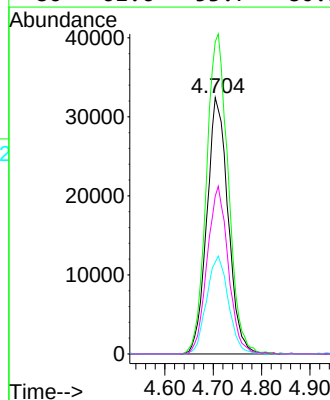
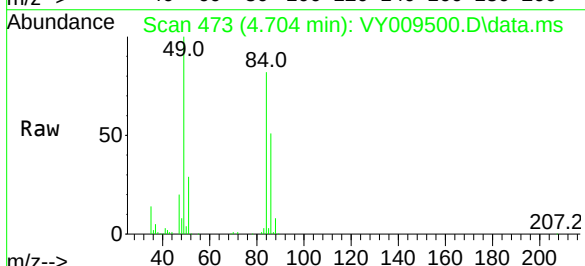
Ion Ratio Lower Upper

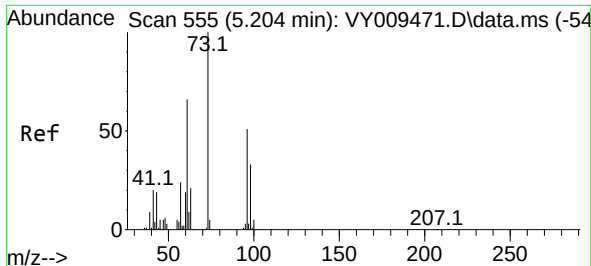
84 100

49 121.8 114.4 171.6

51 35.8 35.3 52.9

86 61.6 53.7 80.5

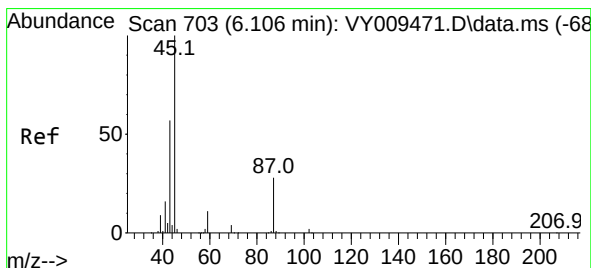
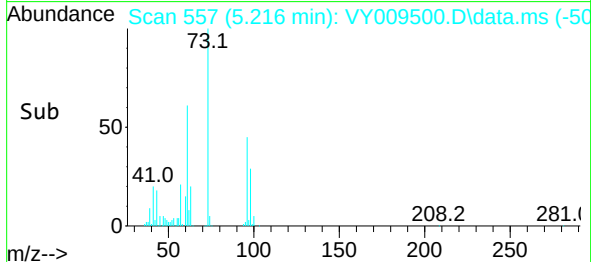
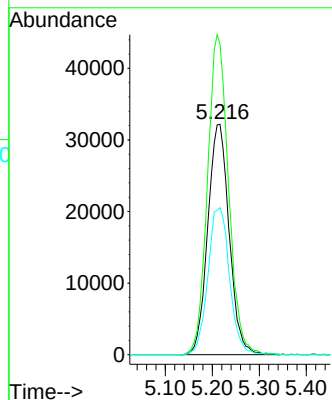
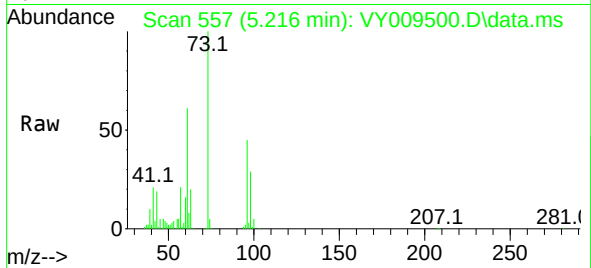




#21
trans-1,2-Dichloroethene
Concen: 52.419 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

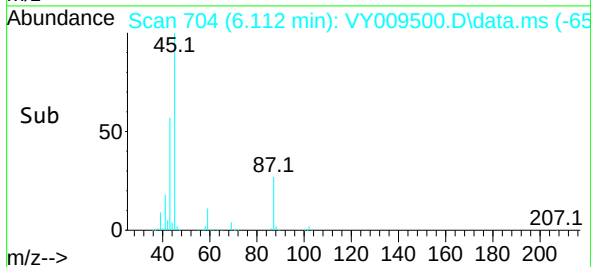
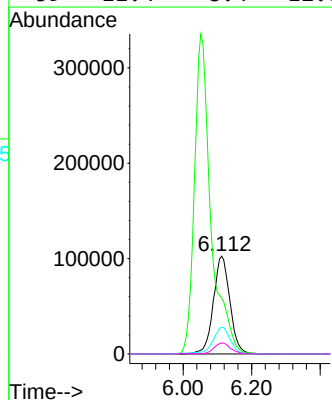
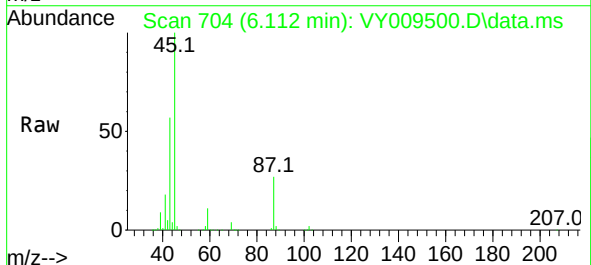
Instrument :
MSVOA_Y
ClientSampleId :

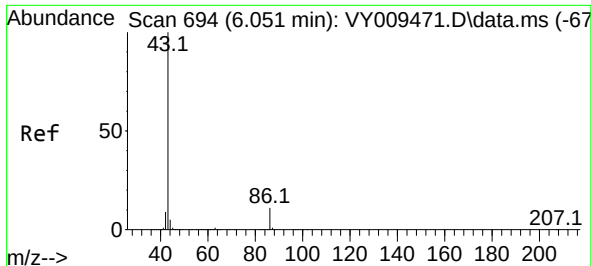
Tgt Ion: 96 Resp: 101585
Ion Ratio Lower Upper
96 100
61 134.7 120.5 180.7
98 63.8 49.8 74.8



#22
Diisopropyl ether
Concen: 56.782 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

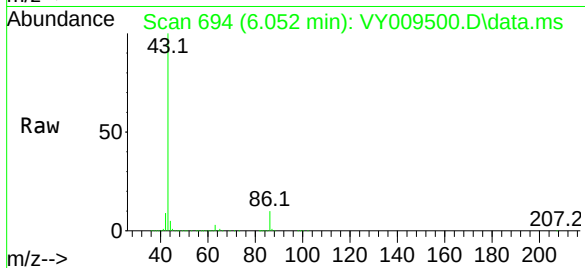
Tgt Ion: 45 Resp: 343521
Ion Ratio Lower Upper
45 100
43 57.1 49.3 73.9
87 27.3 19.2 28.8
59 11.4 8.4 12.6





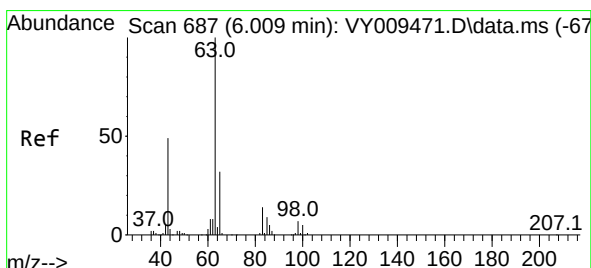
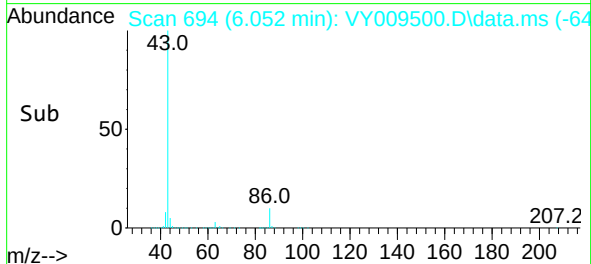
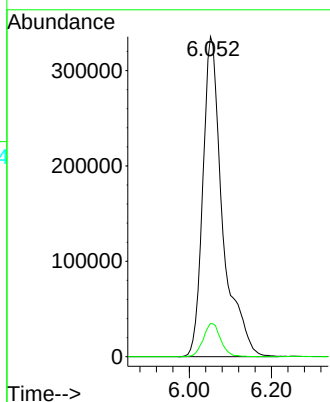
#23
 Vinyl Acetate
 Concen: 266.260 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.001 min
 Lab File: VY009500.D
 Acq: 11 Jul 2022 09:19

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 43 Resp: 1119299

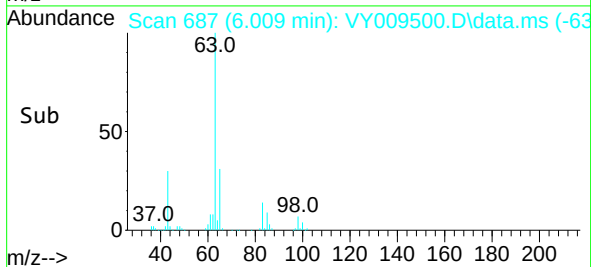
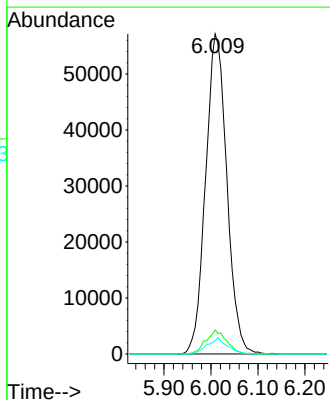
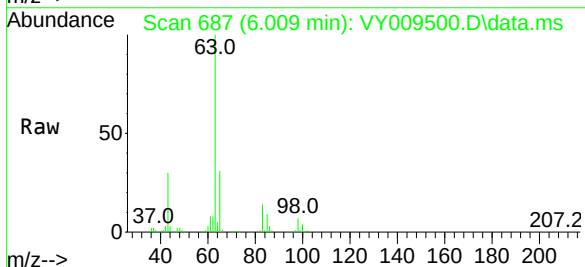
Ion	Ratio	Lower	Upper
43	100		
86	10.4	7.1	10.7

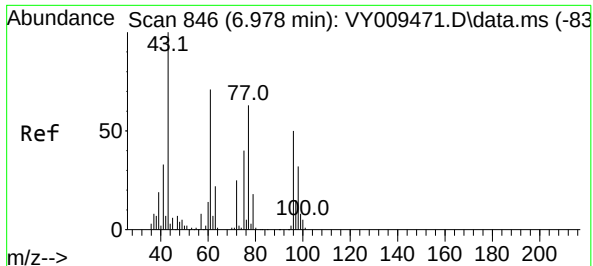


#24
 1,1-Dichloroethane
 Concen: 52.532 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY009500.D
 Acq: 11 Jul 2022 09:19

Tgt Ion: 63 Resp: 179220

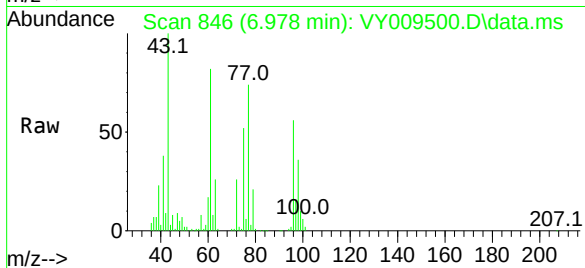
Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.6	10.8
100	4.2	2.0	5.8



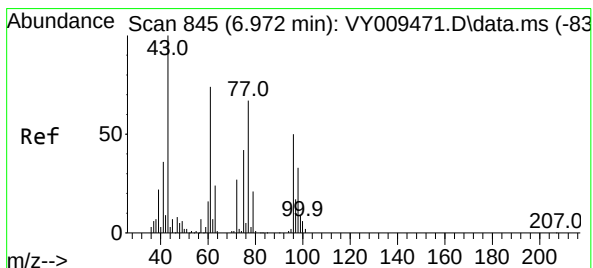
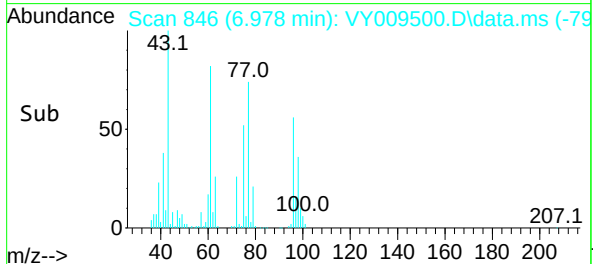
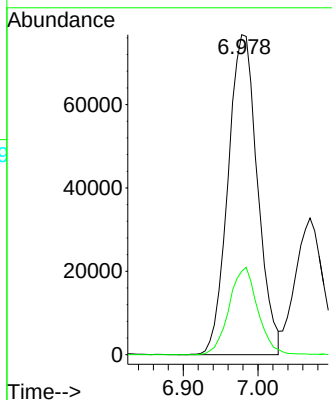


#25
2-Butanone
Concen: 264.780 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Instrument :
MSVOA_Y
ClientSampleId :

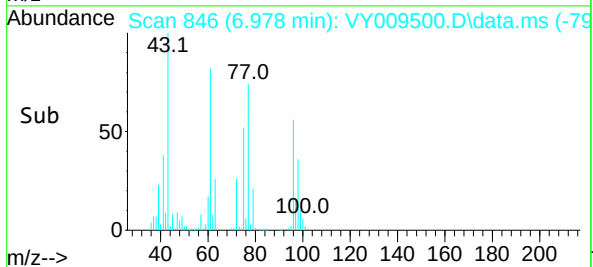
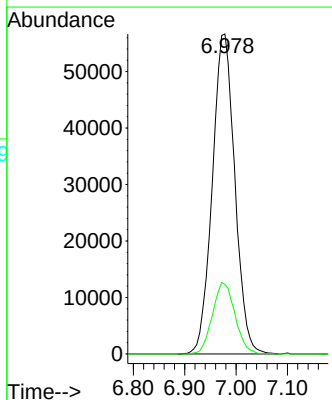
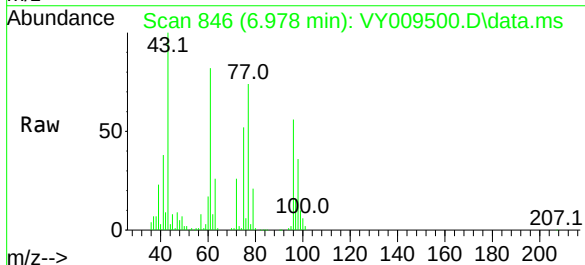


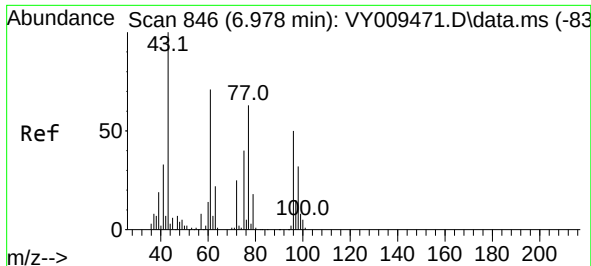
Tgt Ion: 43 Resp: 210664
Ion Ratio Lower Upper
43 100
72 26.1 17.7 26.5



#26
2,2-Dichloropropane
Concen: 51.229 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion: 77 Resp: 172257
Ion Ratio Lower Upper
77 100
97 22.4 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 52.371 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

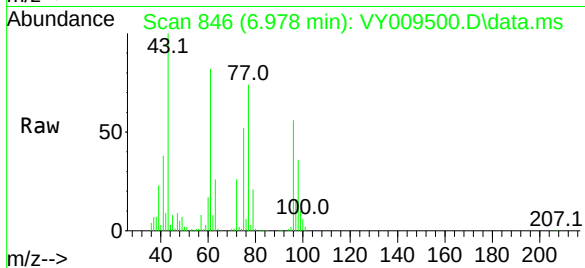
Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

Instrument :

MSVOA_Y

ClientSampleId :



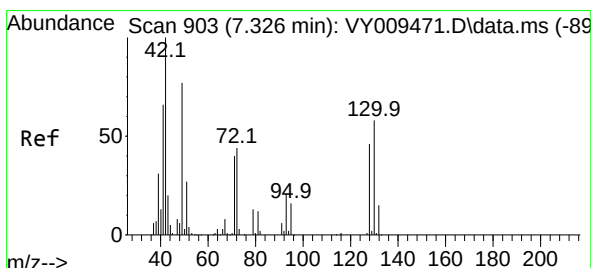
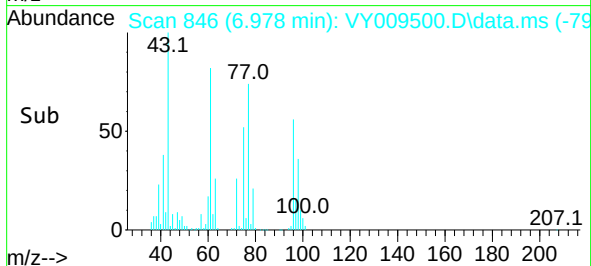
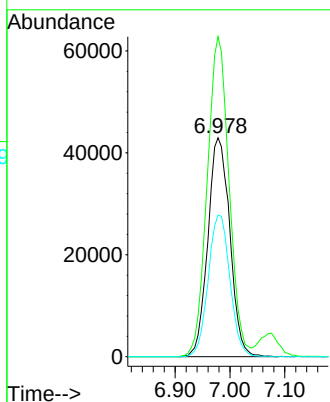
Tgt Ion: 96 Resp: 119485

Ion Ratio Lower Upper

96 100

61 145.3 0.0 319.8

98 64.0 0.0 127.0



#28

Bromochloromethane

Concen: 54.087 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

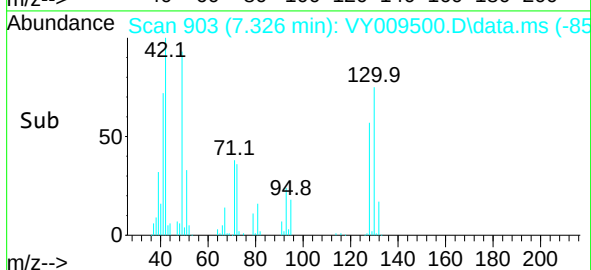
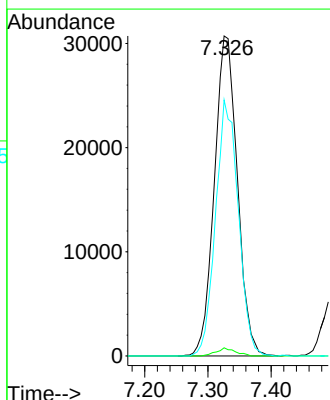
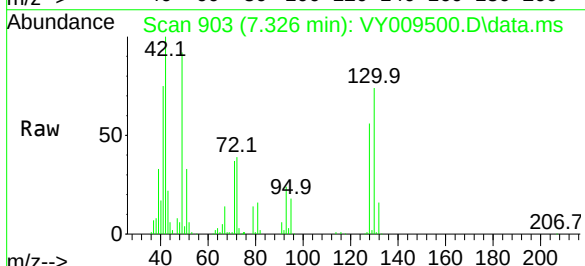
Tgt Ion: 49 Resp: 77556

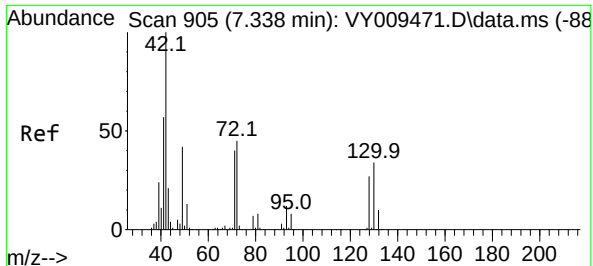
Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.2

130 78.9 55.4 83.0





#29

Tetrahydrofuran

Concen: 257.904 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

Instrument :

MSVOA_Y

ClientSampleId :

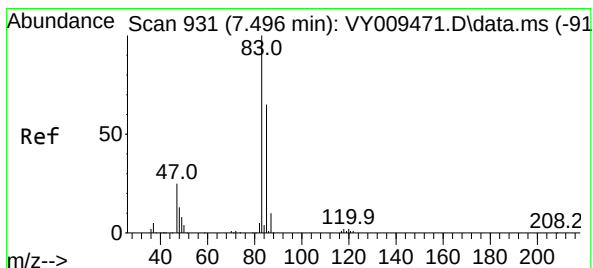
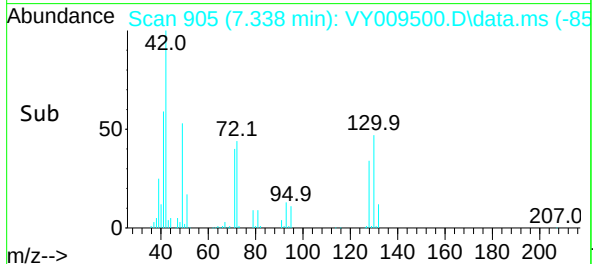
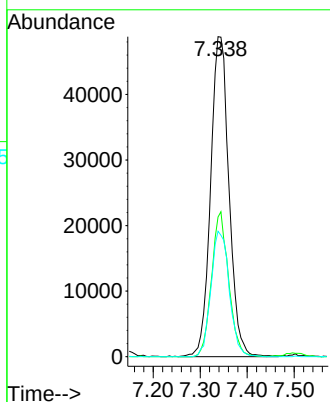
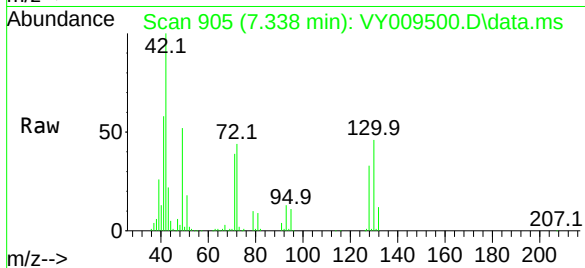
Tgt Ion: 42 Resp: 132718

Ion Ratio Lower Upper

42 100

72 42.0 30.3 45.5

71 39.1 29.0 43.4



#30

Chloroform

Concen: 50.222 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY009500.D

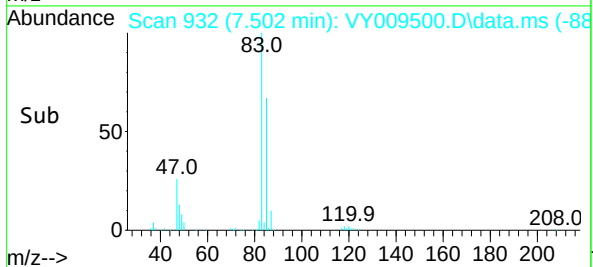
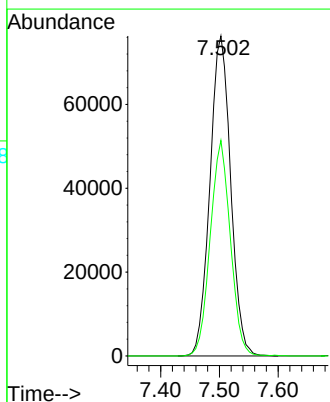
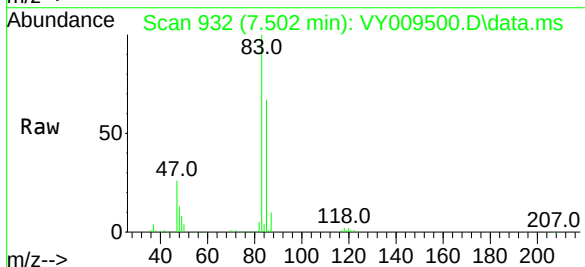
Acq: 11 Jul 2022 09:19

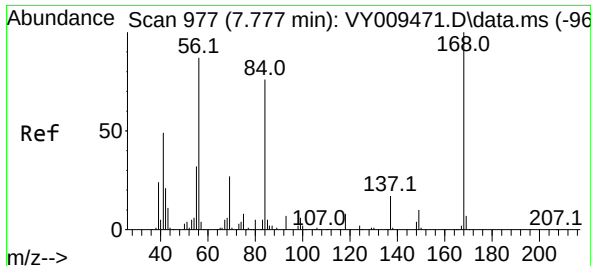
Tgt Ion: 83 Resp: 187524

Ion Ratio Lower Upper

83 100

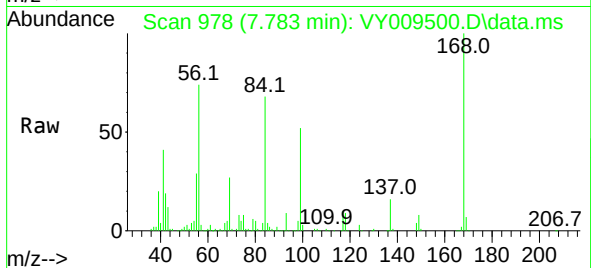
85 67.4 51.8 77.6



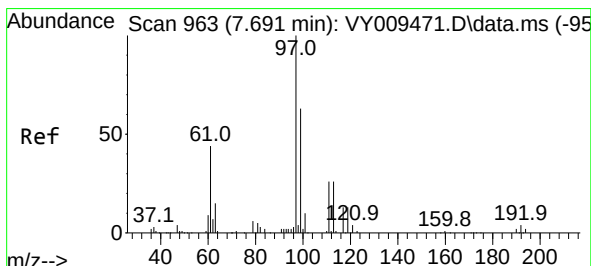
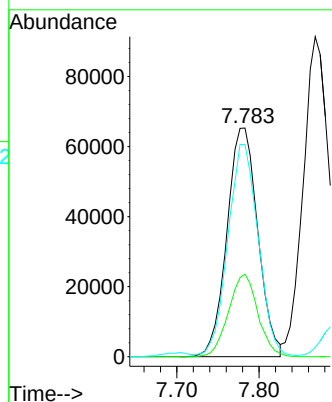
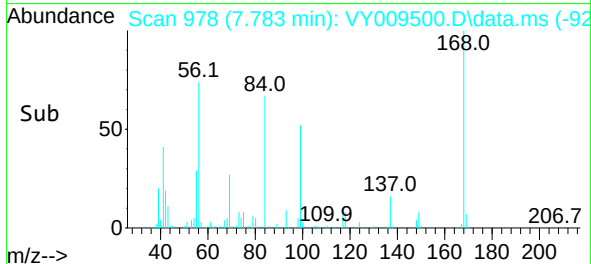


#31
Cyclohexane
Concen: 51.330 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

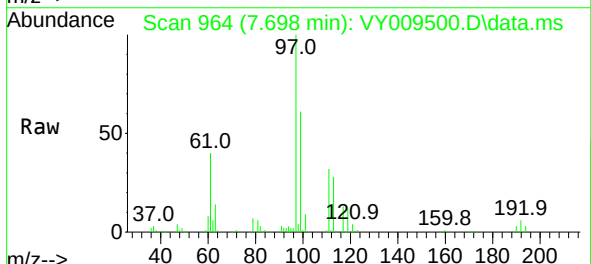
Instrument :
MSVOA_Y
ClientSampleId :



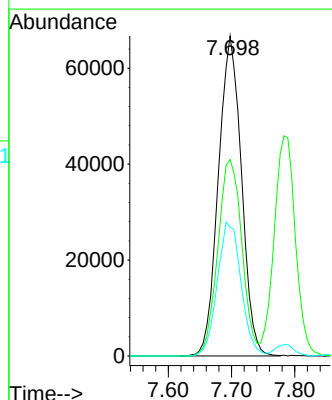
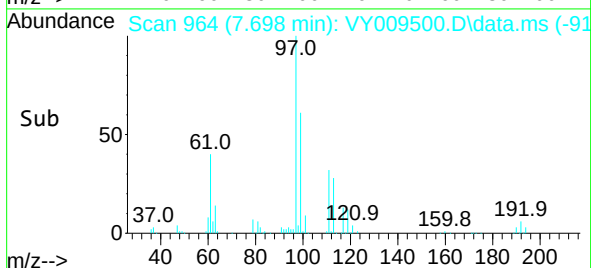
Tgt Ion: 56 Resp: 170259
Ion Ratio Lower Upper
56 100
69 36.1 26.7 40.1
84 90.9 67.2 100.8

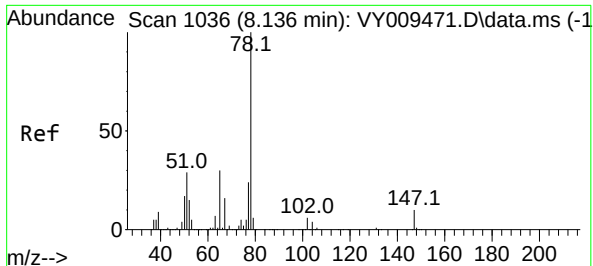


#32
1,1,1-Trichloroethane
Concen: 51.263 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.007 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19



Tgt Ion: 97 Resp: 168756
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 43.0 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 47.466 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

Instrument :

MSVOA_Y

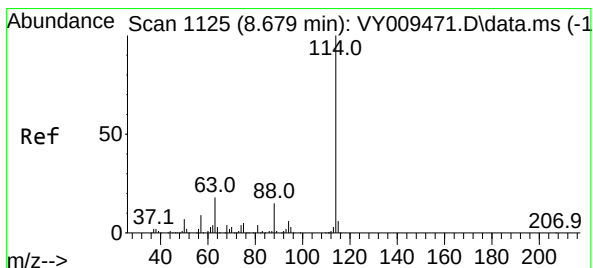
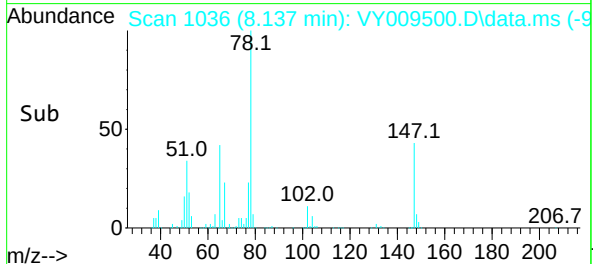
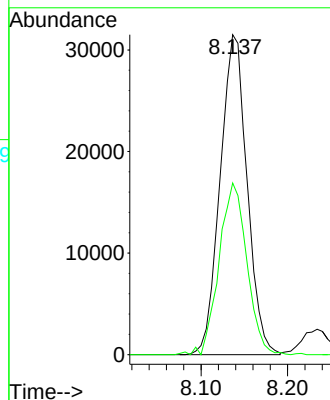
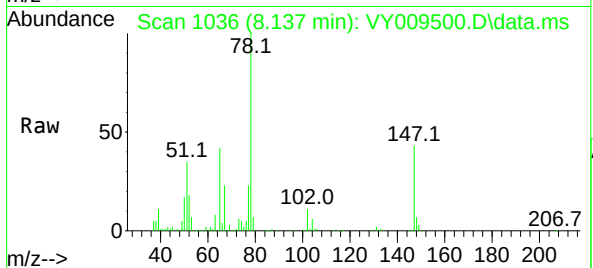
ClientSampleId :

Tgt Ion: 65 Resp: 68067

Ion Ratio Lower Upper

65 100

67 55.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

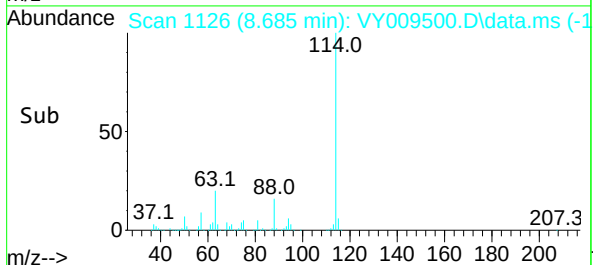
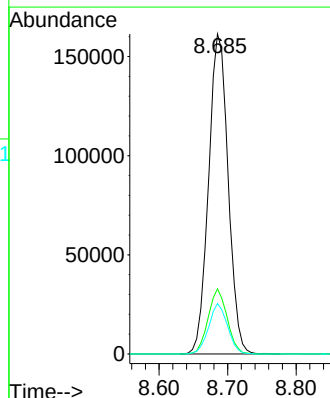
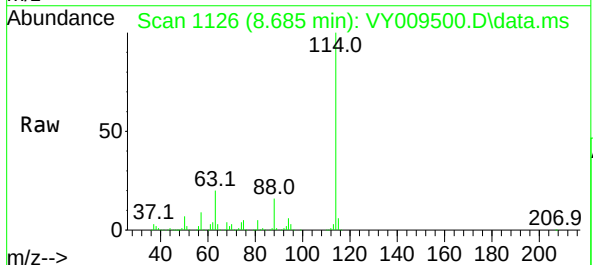
Tgt Ion: 114 Resp: 321039

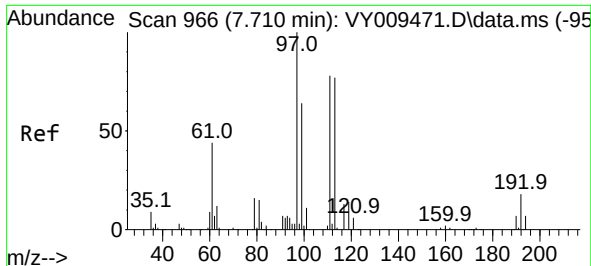
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 15.7 0.0 31.8

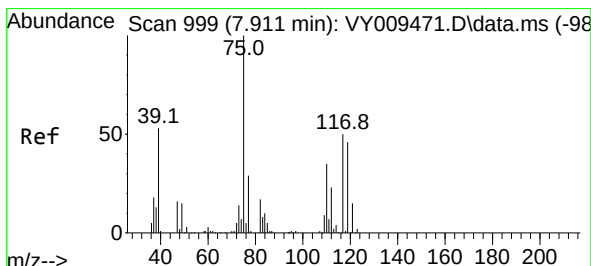
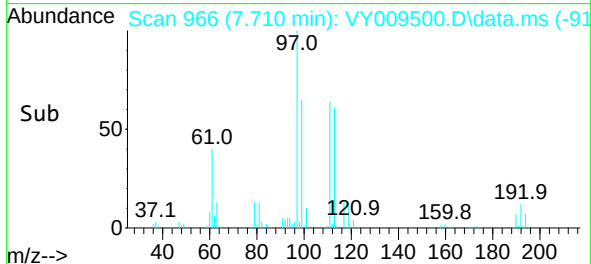
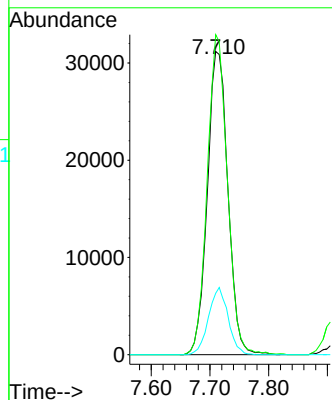
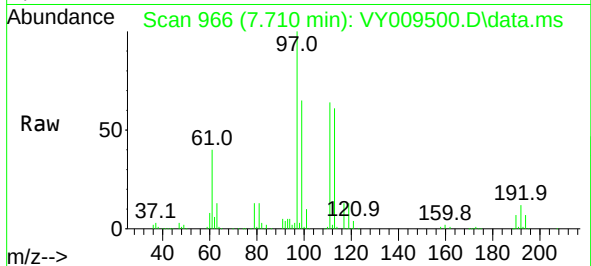




#35
Dibromofluoromethane
Concen: 45.001 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

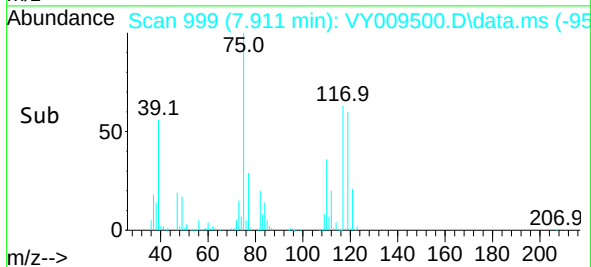
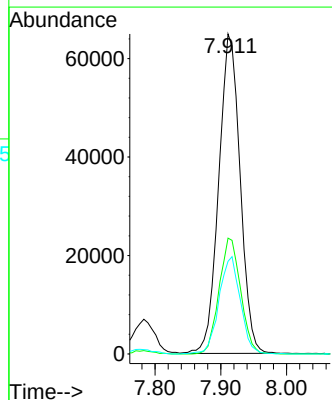
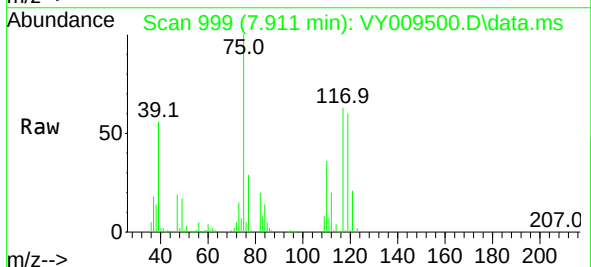
Instrument :
MSVOA_Y
ClientSampleId :

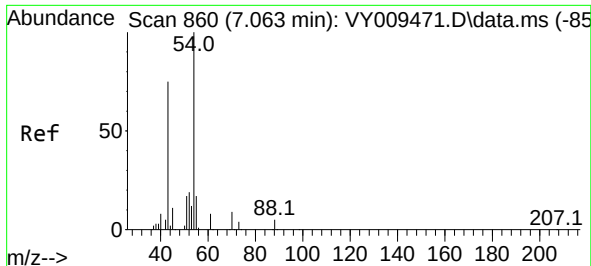
Tgt Ion:113 Resp: 76017
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 21.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 53.379 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion: 75 Resp: 146798
Ion Ratio Lower Upper
75 100
110 36.5 17.1 51.2
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 50.591 ug/l

RT: 7.070 min Scan# 8

Delta R.T. 0.007 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

Instrument :

MSVOA_Y

ClientSampleId :

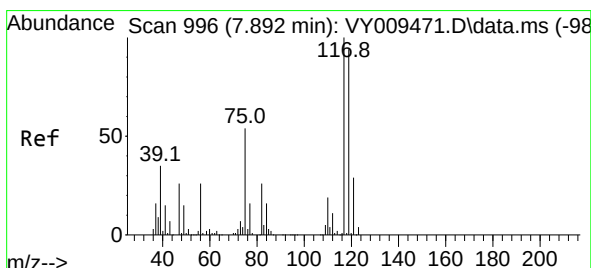
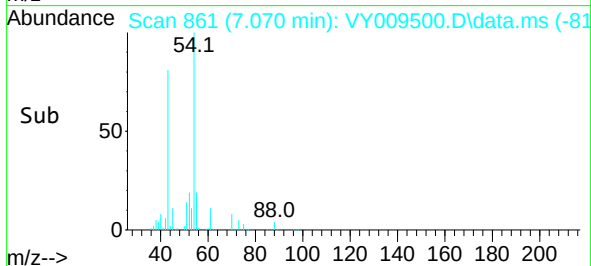
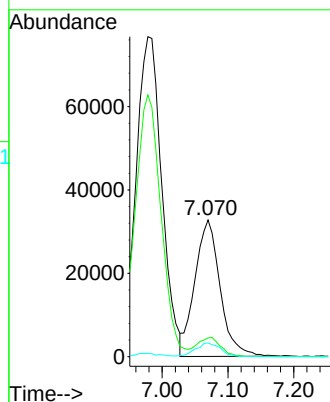
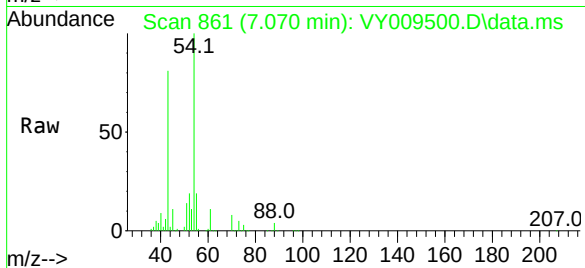
Tgt Ion: 43 Resp: 87212

Ion Ratio Lower Upper

43 100

61 13.1 9.7 14.5

70 10.0 7.1 10.7



#38

Carbon Tetrachloride

Concen: 52.123 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.007 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

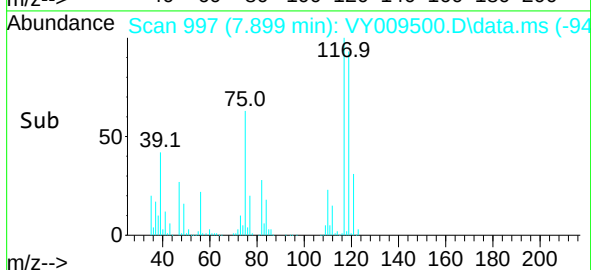
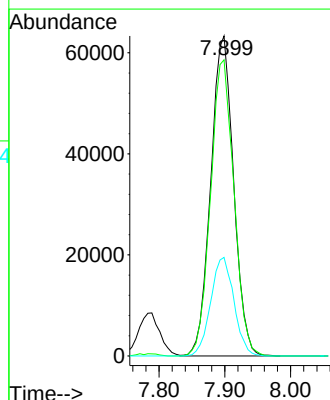
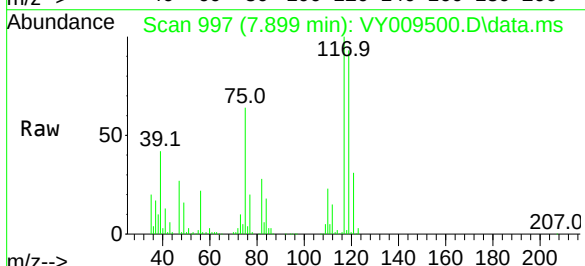
Tgt Ion:117 Resp: 153305

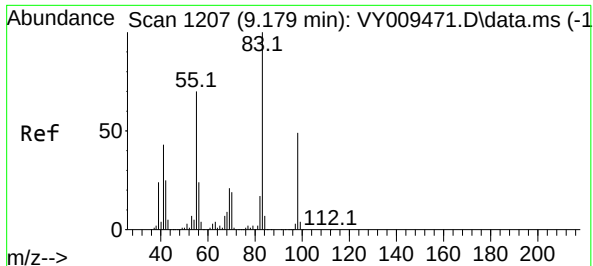
Ion Ratio Lower Upper

117 100

119 92.5 77.9 116.9

121 30.8 24.8 37.2





#39

Methylcyclohexane

Concen: 55.561 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

Instrument :

MSVOA_Y

ClientSampleId :

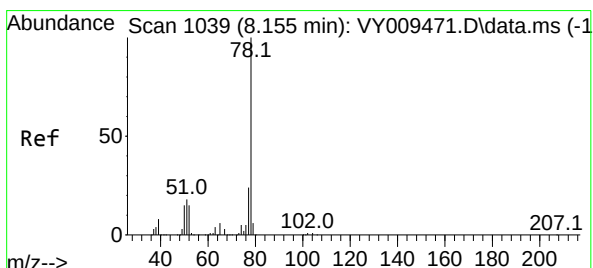
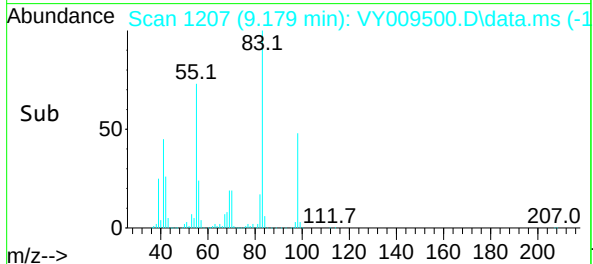
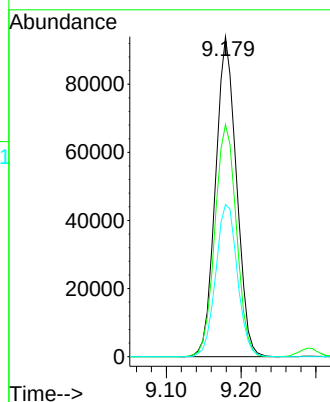
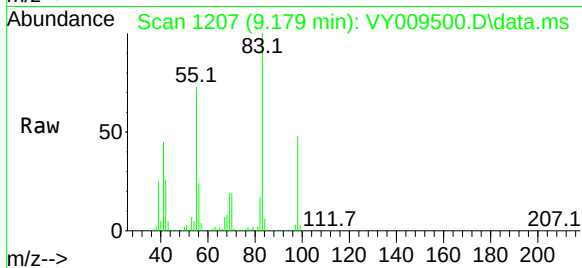
Tgt Ion: 83 Resp: 183413

Ion Ratio Lower Upper

83 100

55 72.5 66.5 99.7

98 47.6 37.9 56.9



#40

Benzene

Concen: 52.730 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009500.D

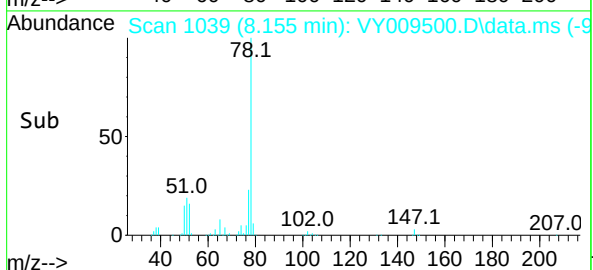
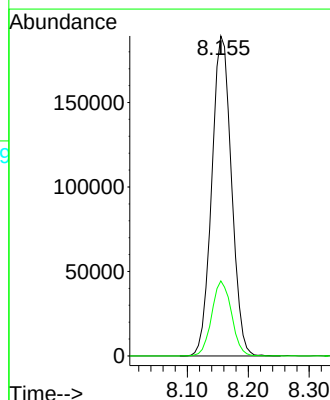
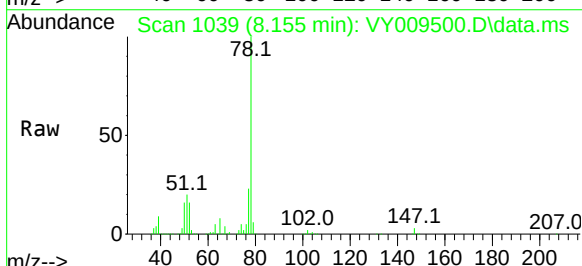
Acq: 11 Jul 2022 09:19

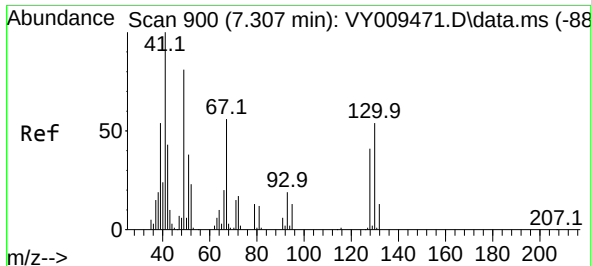
Tgt Ion: 78 Resp: 425821

Ion Ratio Lower Upper

78 100

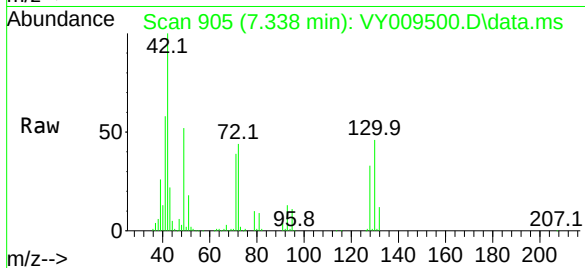
77 23.5 20.4 30.6



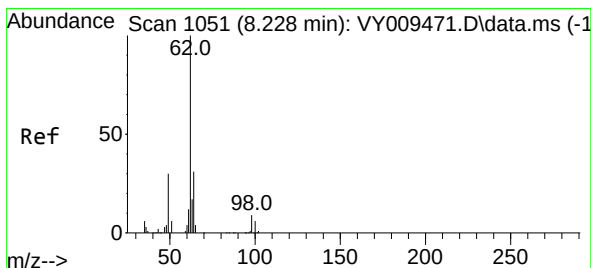
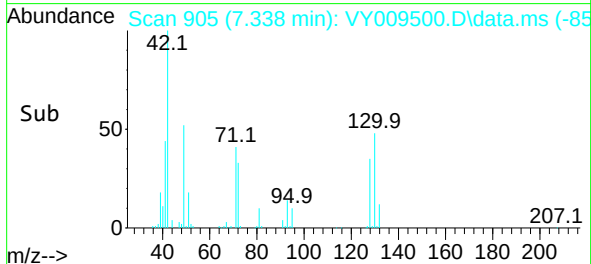
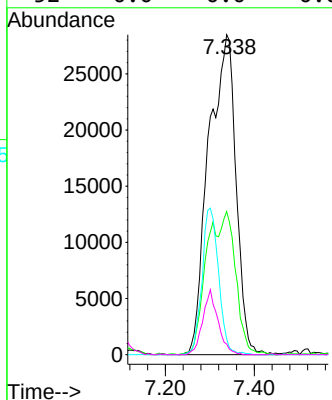


#41
Methacrylonitrile
Concen: 135.591 ug/l
RT: 7.338 min Scan# 90
Delta R.T. 0.031 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Instrument :
MSVOA_Y
ClientSampleId :

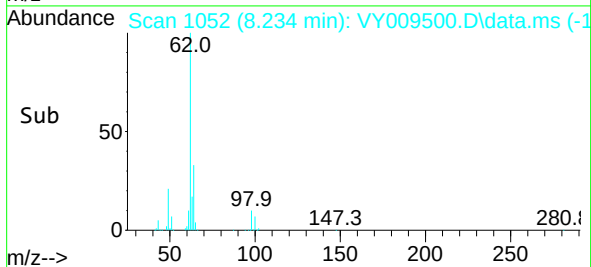
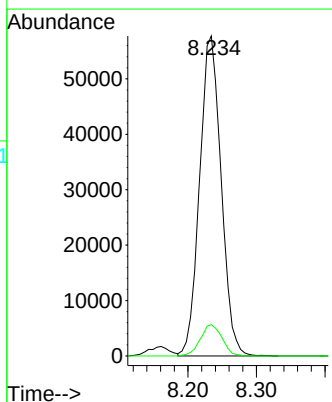
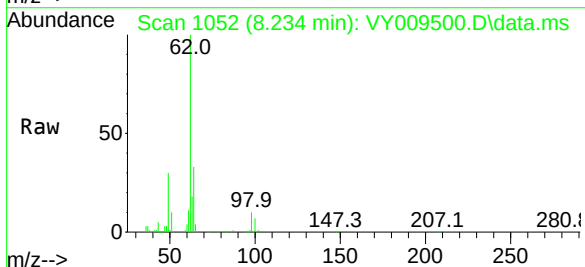


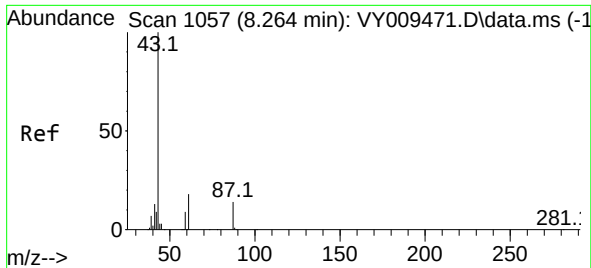
Tgt Ion: 41 Resp: 121372
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 52.067 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion: 62 Resp: 126235
Ion Ratio Lower Upper
62 100
98 9.8 0.0 14.8

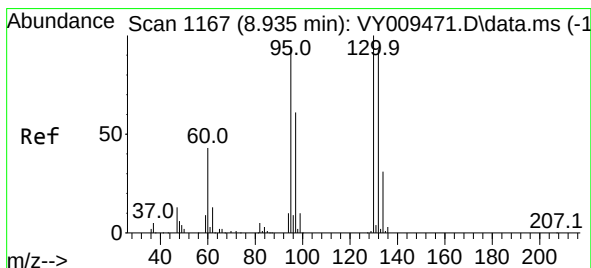
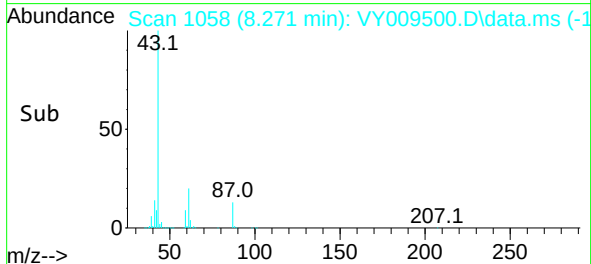
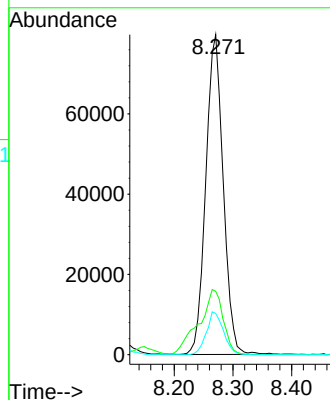
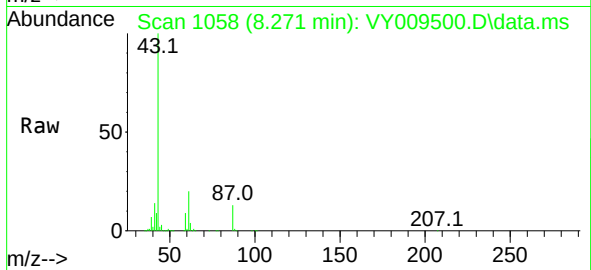




#43
Isopropyl Acetate
Concen: 51.004 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.007 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

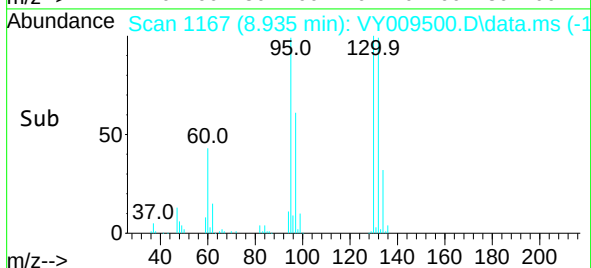
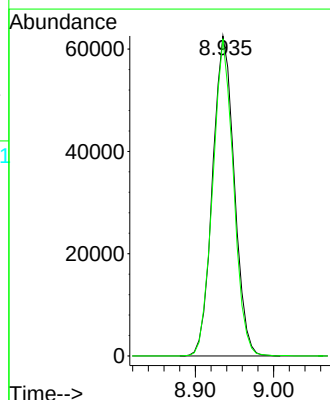
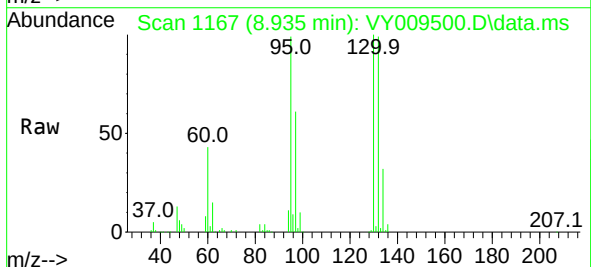
Instrument :
MSVOA_Y
ClientSampleId :

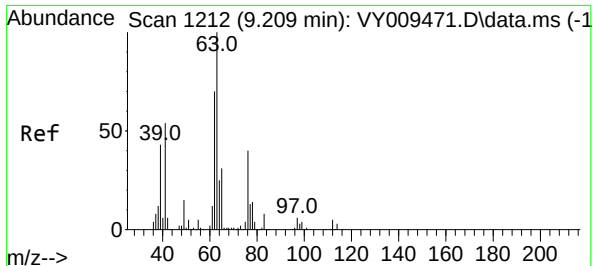
Tgt Ion: 43 Resp: 164052
Ion Ratio Lower Upper
43 100
61 28.5 20.2 30.2
87 13.1 8.9 13.3



#44
Trichloroethene
Concen: 52.779 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion:130 Resp: 120405
Ion Ratio Lower Upper
130 100
95 99.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 52.885 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

Instrument :

MSVOA_Y

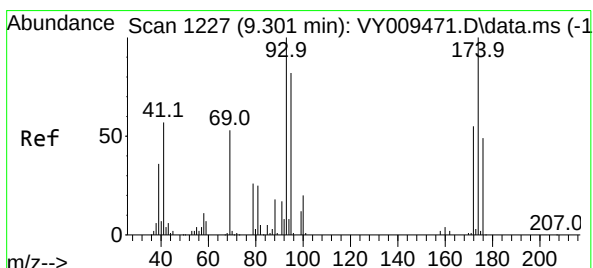
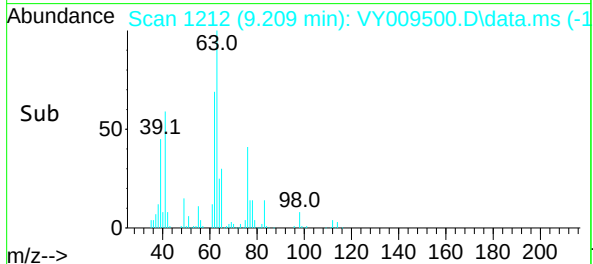
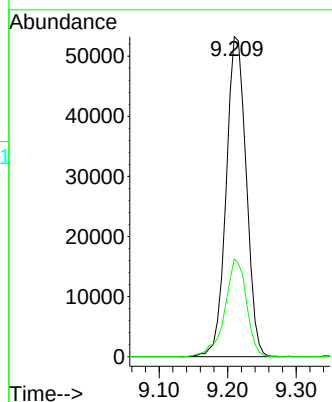
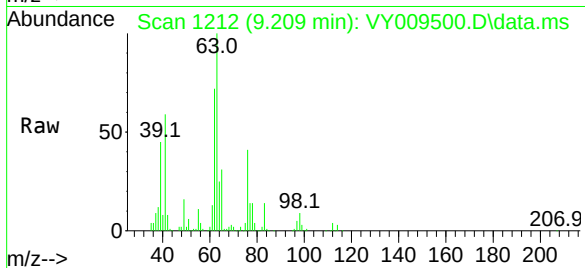
ClientSampleId :

Tgt Ion: 63 Resp: 108082

Ion Ratio Lower Upper

63 100

65 30.6 23.0 34.6



#46

Dibromomethane

Concen: 51.454 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

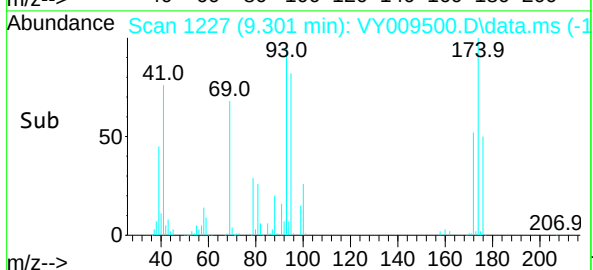
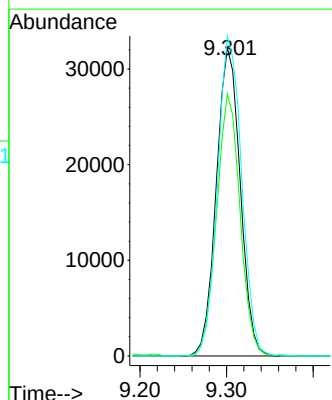
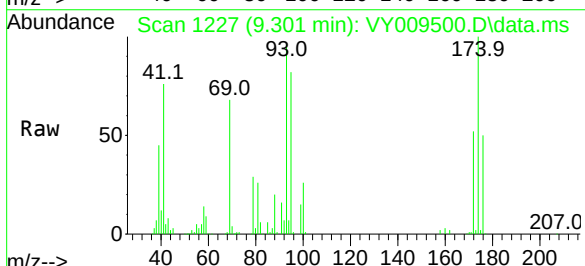
Tgt Ion: 93 Resp: 61719

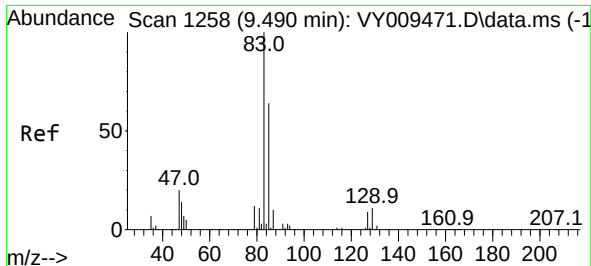
Ion Ratio Lower Upper

93 100

95 83.4 64.3 96.5

174 104.7 83.4 125.0





#47

Bromodichloromethane

Concen: 51.857 ug/l

RT: 9.496 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

Instrument :

MSVOA_Y

ClientSampleId :

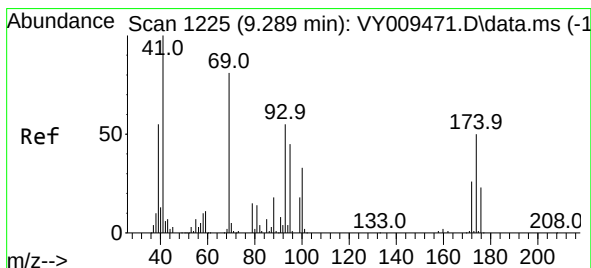
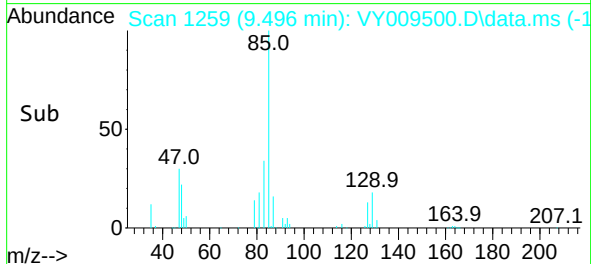
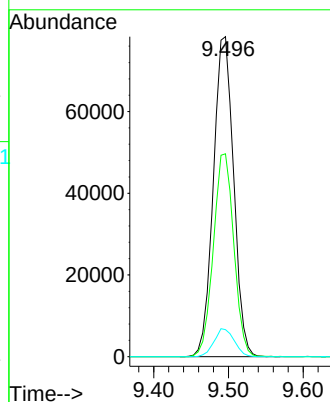
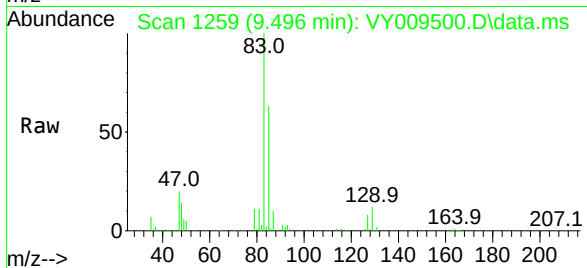
Tgt Ion: 83 Resp: 148052

Ion Ratio Lower Upper

83 100

85 63.4 51.9 77.9

127 8.5 6.6 10.0



#48

Methyl methacrylate

Concen: 54.901 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

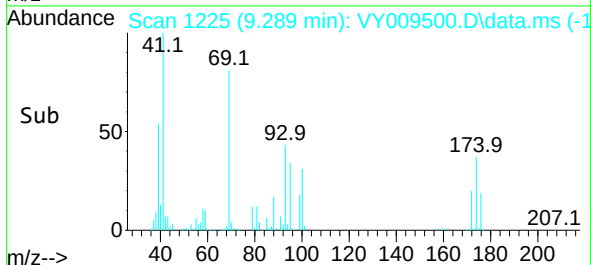
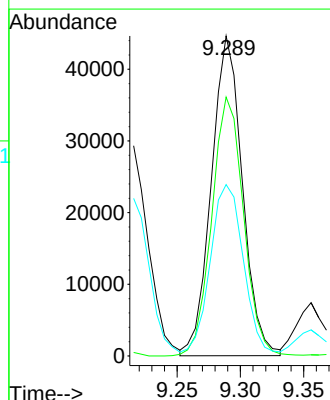
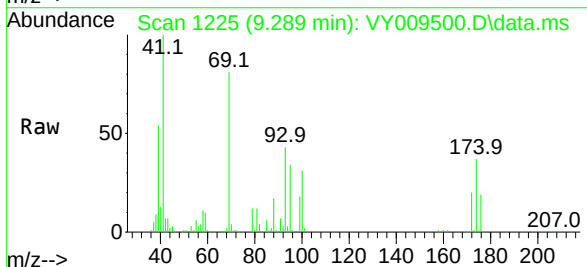
Tgt Ion: 41 Resp: 76082

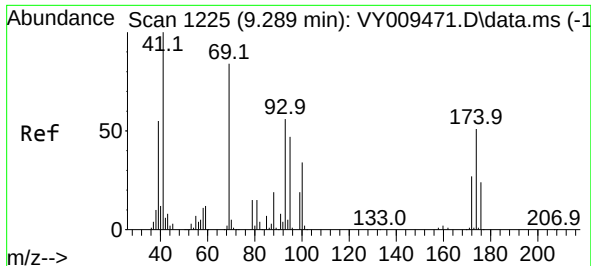
Ion Ratio Lower Upper

41 100

69 83.0 58.2 87.2

39 55.3 47.4 71.0





#49

1,4-Dioxane

Concen: 996.291 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

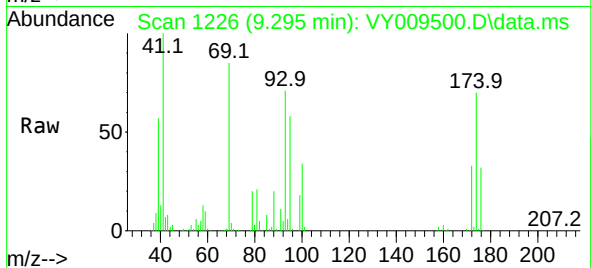
Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

Instrument :

MSVOA_Y

ClientSampleId :



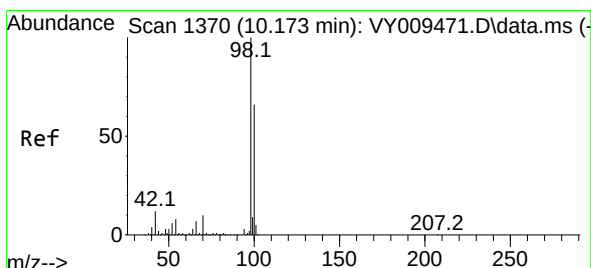
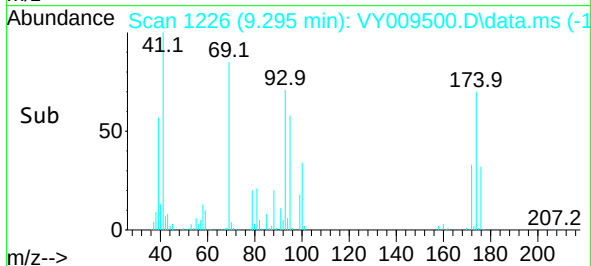
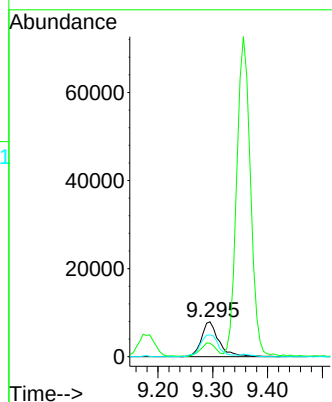
Tgt Ion: 88 Resp: 17599

Ion Ratio Lower Upper

88 100

43 35.7 32.8 49.2

58 66.2 59.8 89.6



#50

Toluene-d8

Concen: 48.745 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY009500.D

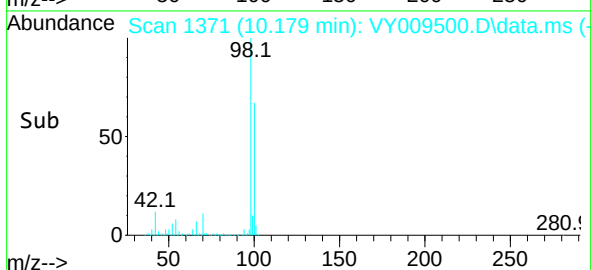
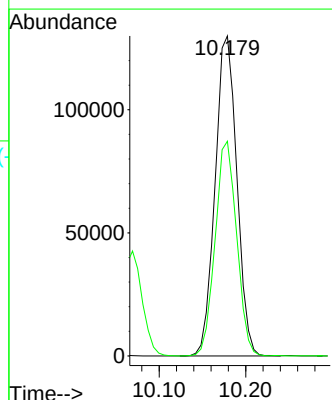
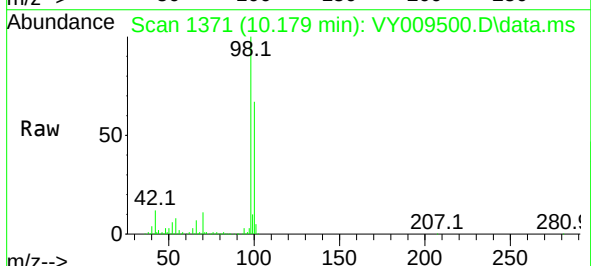
Acq: 11 Jul 2022 09:19

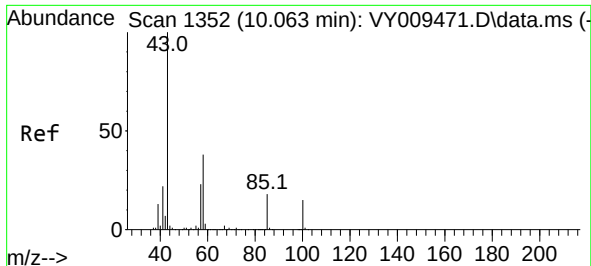
Tgt Ion: 98 Resp: 226703

Ion Ratio Lower Upper

98 100

100 66.4 50.2 75.2

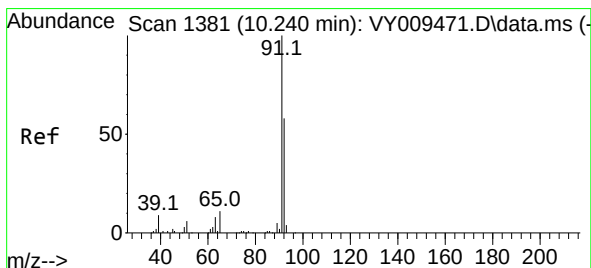
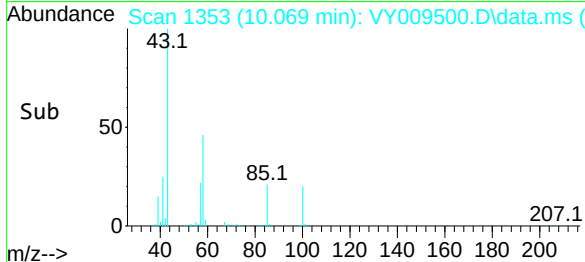
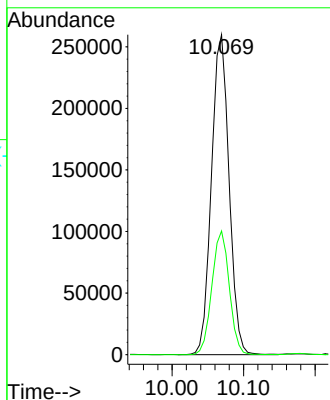
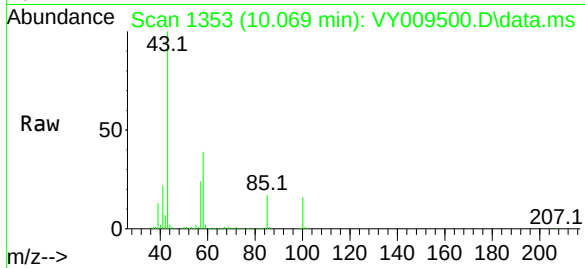




#51
4-Methyl-2-Pentanone
Concen: 262.926 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

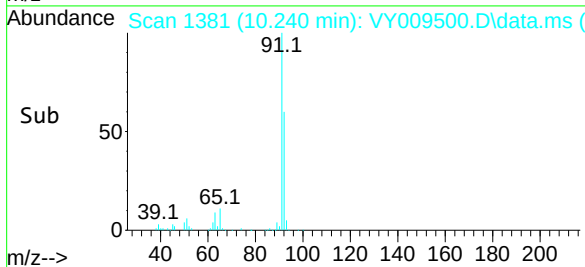
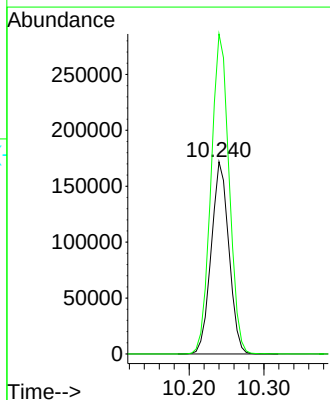
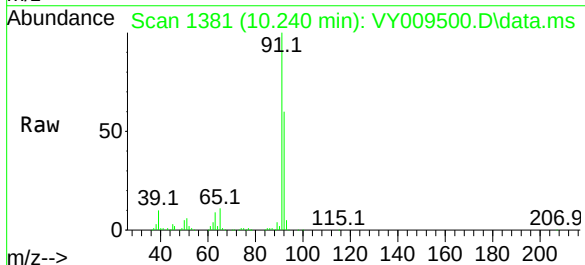
Instrument :
MSVOA_Y
ClientSampleId :

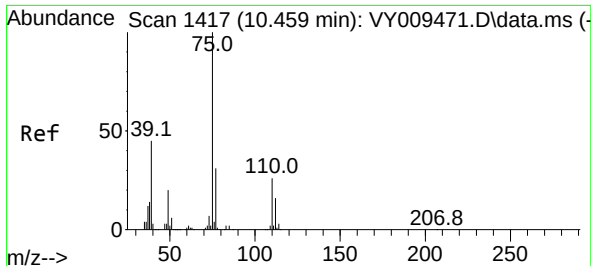
Tgt Ion: 43 Resp: 444741
Ion Ratio Lower Upper
43 100
58 38.2 28.1 42.1



#52
Toluene
Concen: 54.924 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion: 92 Resp: 282641
Ion Ratio Lower Upper
92 100
91 170.9 142.6 213.8

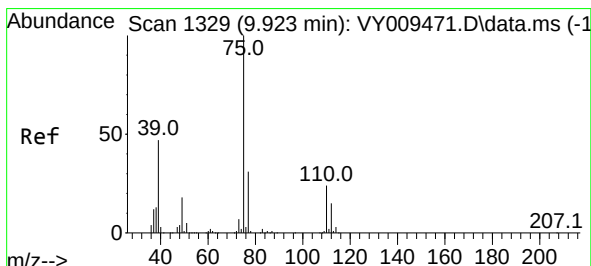
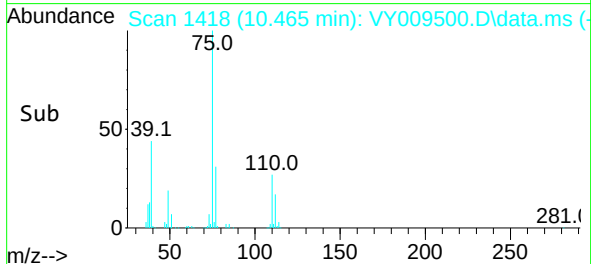
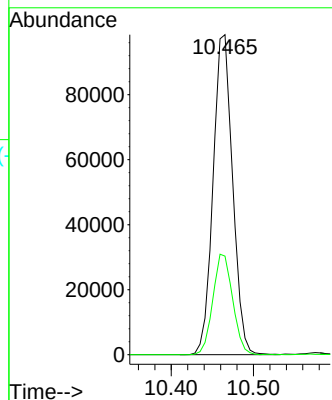
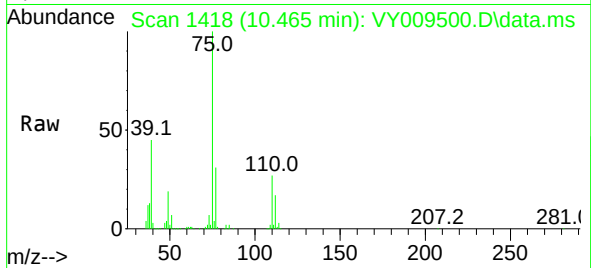




#53
t-1,3-Dichloropropene
Concen: 53.844 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

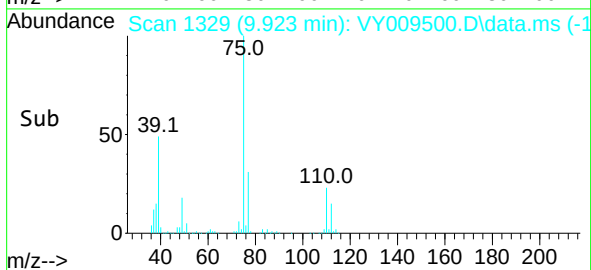
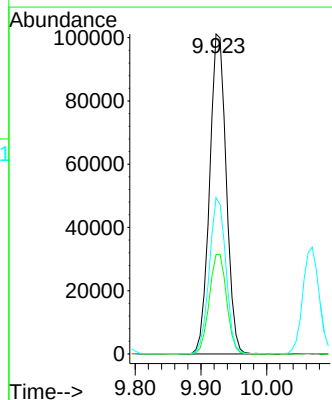
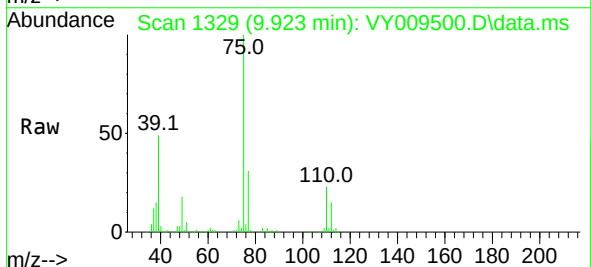
Instrument :
MSVOA_Y
ClientSampleId :

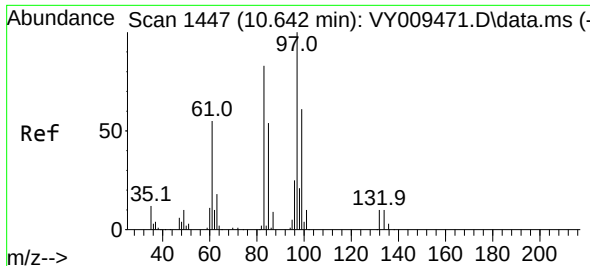
Tgt Ion: 75 Resp: 161998
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 53.093 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

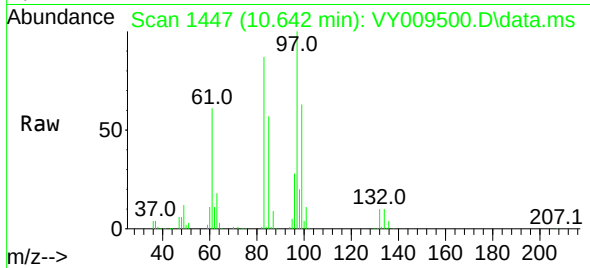
Tgt Ion: 75 Resp: 178115
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4
39 48.8 47.6 71.4



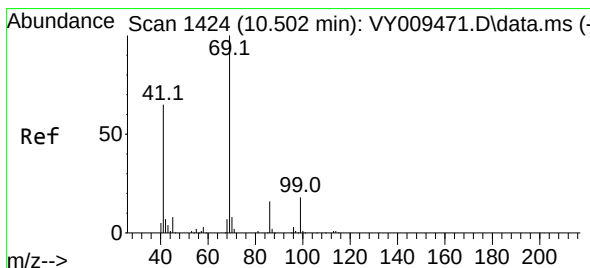
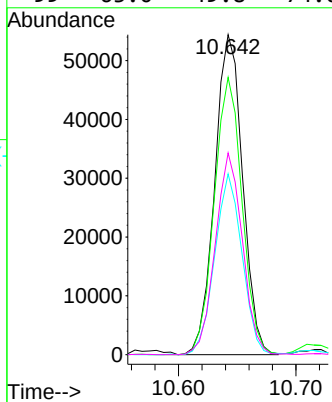
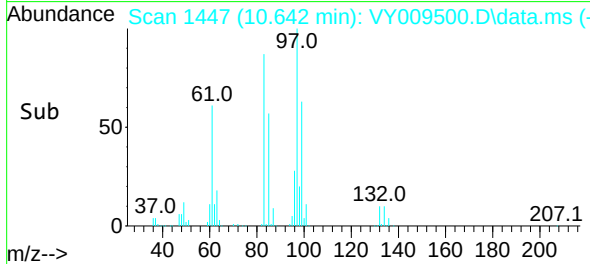


#55
 1,1,2-Trichloroethane
 Concen: 51.864 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VY009500.D
 Acq: 11 Jul 2022 09:19

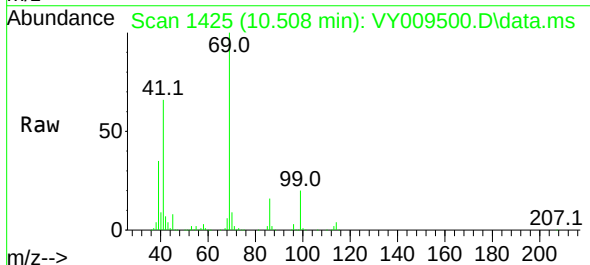
Instrument :
 MSVOA_Y
 ClientSampleId :



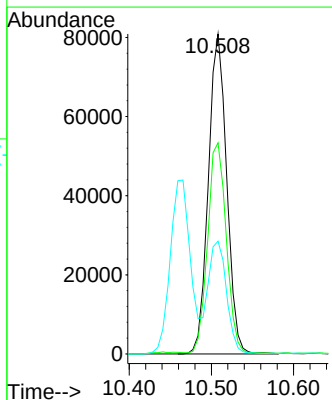
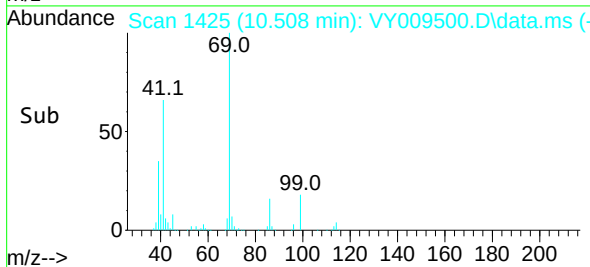
Tgt Ion:	97	Resp:	89747
Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.8	104.8
85	56.5	44.3	66.5
99	63.0	49.8	74.6

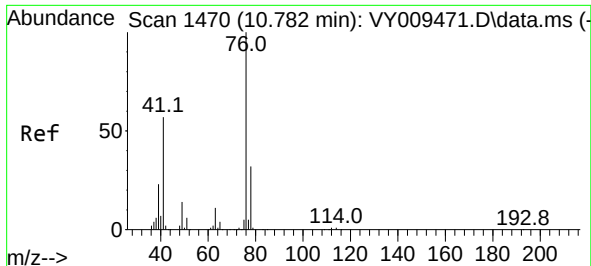


#56
 Ethyl methacrylate
 Concen: 54.575 ug/l
 RT: 10.508 min Scan# 1425
 Delta R.T. 0.006 min
 Lab File: VY009500.D
 Acq: 11 Jul 2022 09:19



Tgt Ion:	69	Resp:	125380
Ion	Ratio	Lower	Upper
69	100		
41	66.7	63.4	95.0
39	36.4	35.8	53.8





#57

1,3-Dichloropropane

Concen: 52.961 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

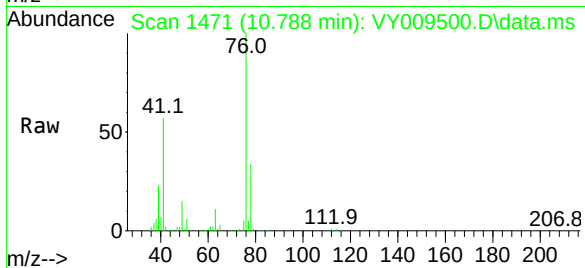
Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

Instrument :

MSVOA_Y

ClientSampleId :

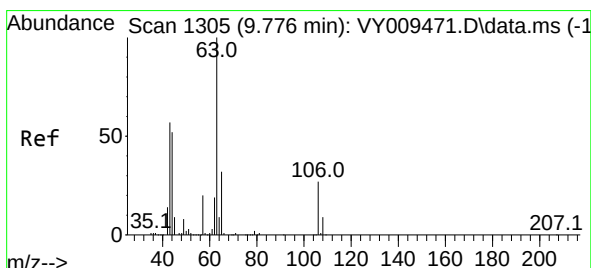
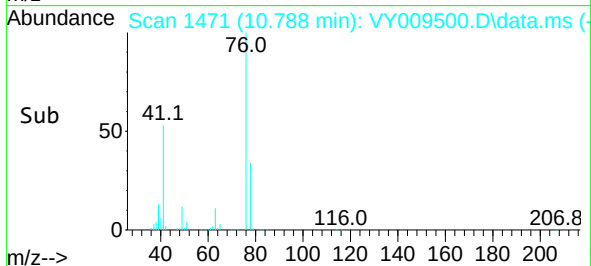
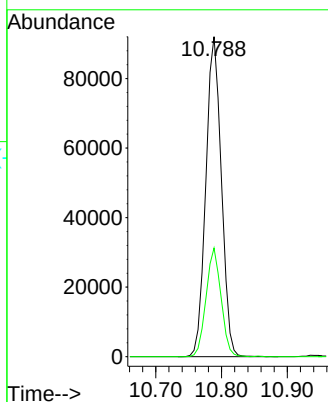


Tgt Ion: 76 Resp: 151078

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 271.997 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.007 min

Lab File: VY009500.D

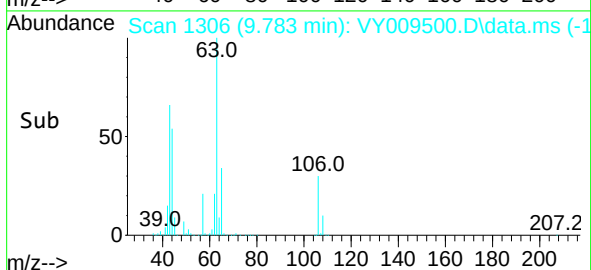
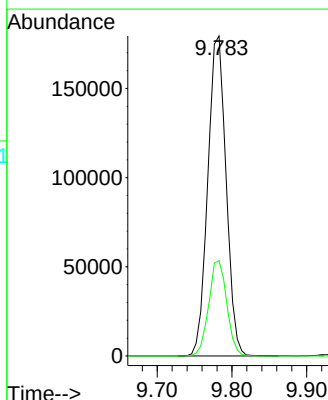
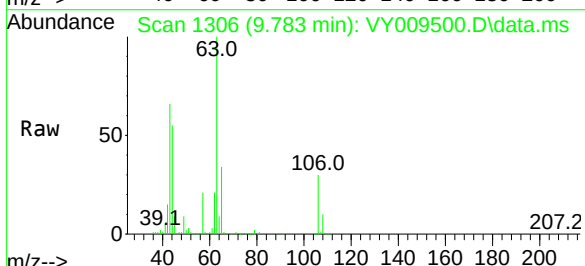
Acq: 11 Jul 2022 09:19

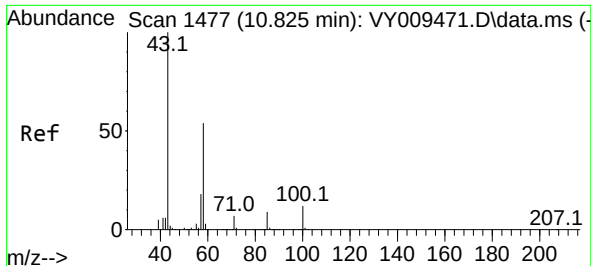
Tgt Ion: 63 Resp: 305260

Ion Ratio Lower Upper

63 100

106 29.4 21.5 32.3

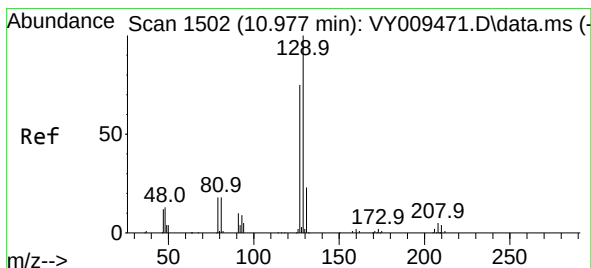
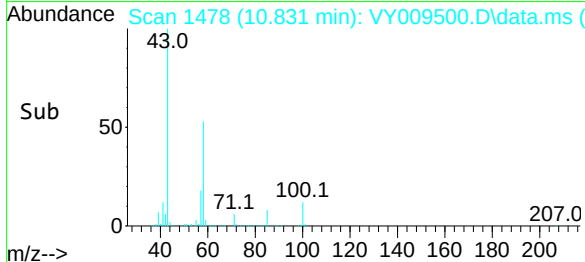
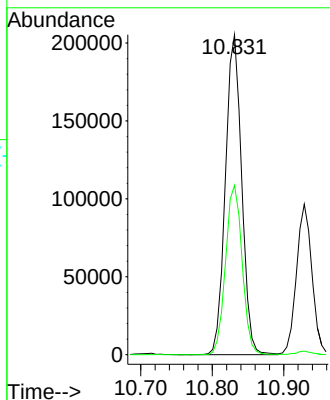
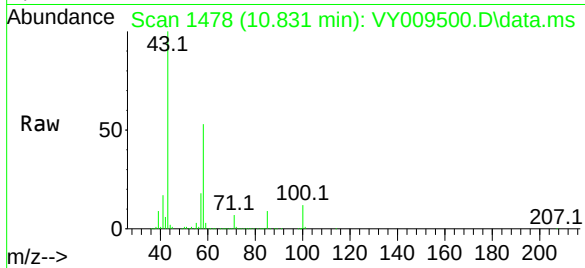




#59
2-Hexanone
Concen: 276.889 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

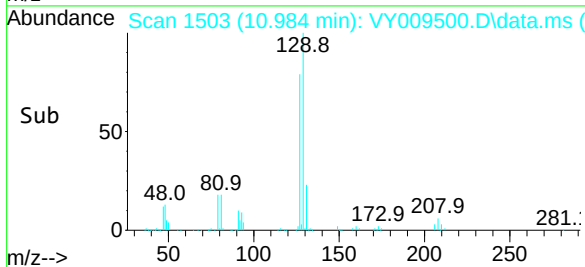
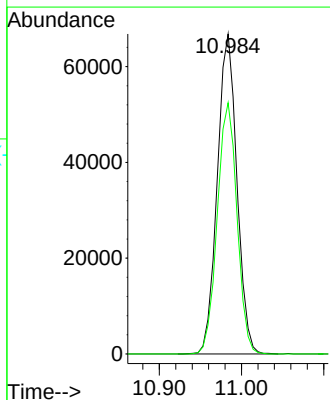
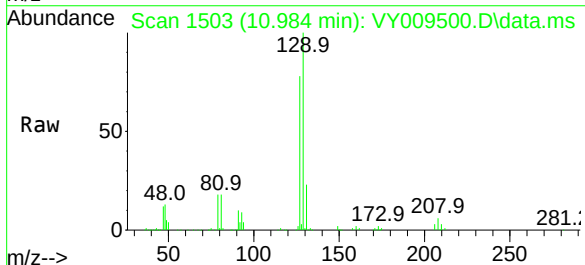
Instrument :
MSVOA_Y
ClientSampleId :

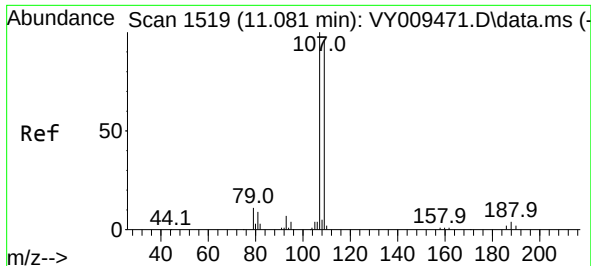
Tgt Ion: 43 Resp: 324541
Ion Ratio Lower Upper
43 100
58 54.0 24.4 73.4



#60
Dibromochloromethane
Concen: 52.883 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.007 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion: 129 Resp: 110815
Ion Ratio Lower Upper
129 100
127 78.9 38.7 116.1

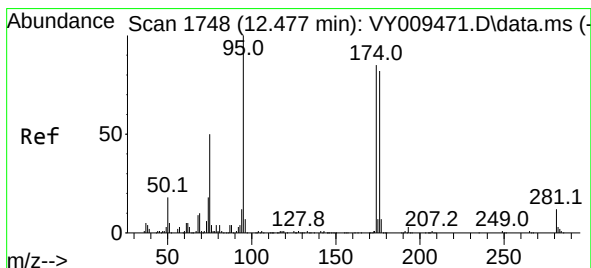
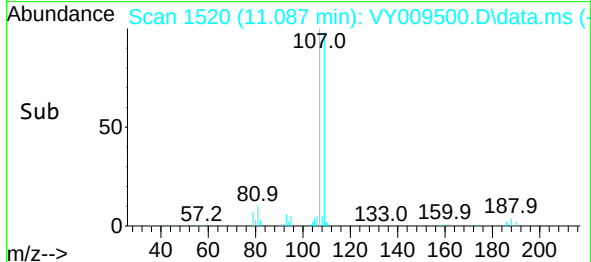
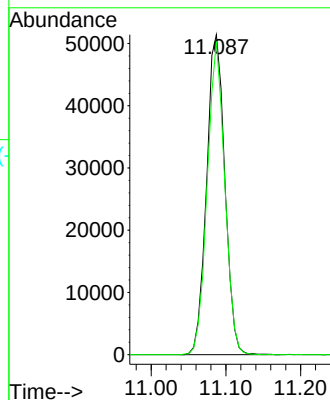
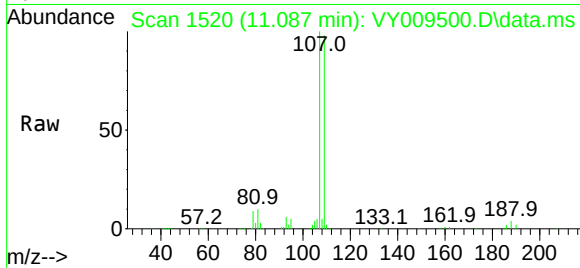




#61
1,2-Dibromoethane
Concen: 52.472 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

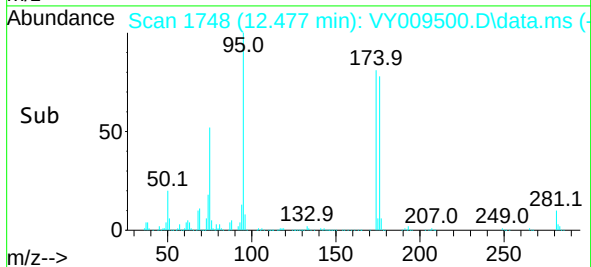
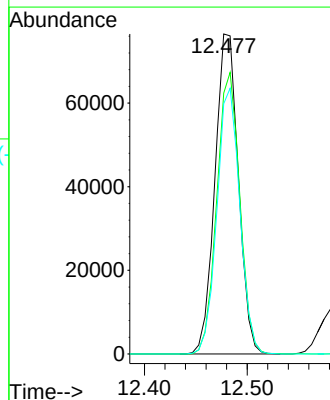
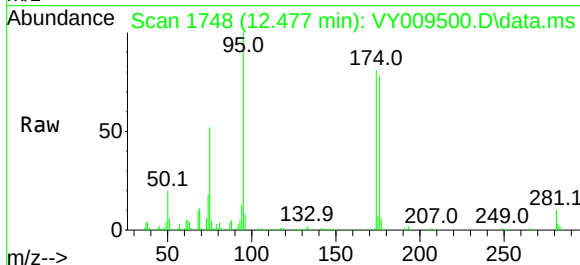
Instrument :
MSVOA_Y
ClientSampleId :

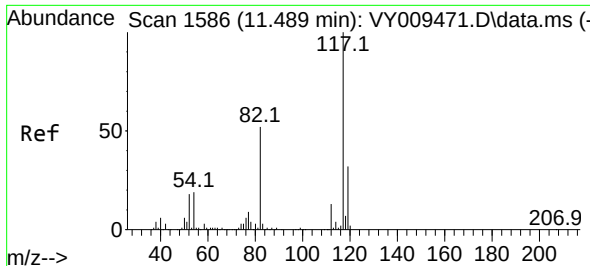
Tgt Ion:107 Resp: 87047
Ion Ratio Lower Upper
107 100
109 93.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 50.674 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion: 95 Resp: 120829
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 81.1 0.0 175.8

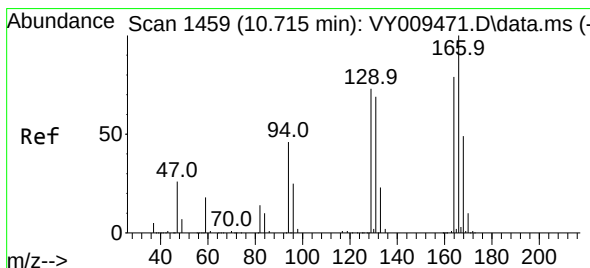
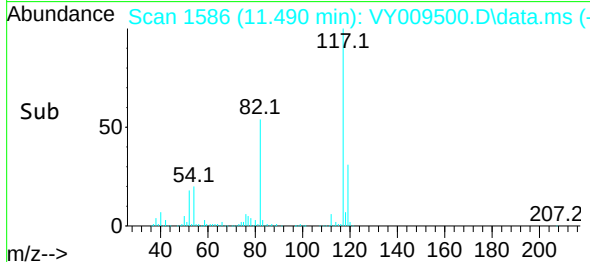
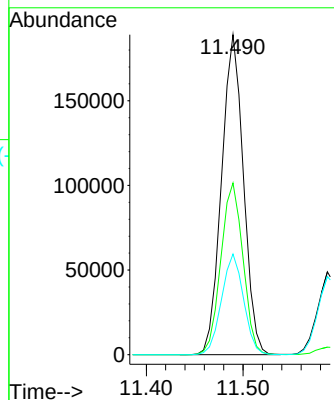
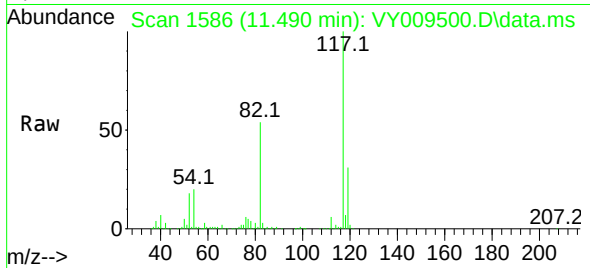




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

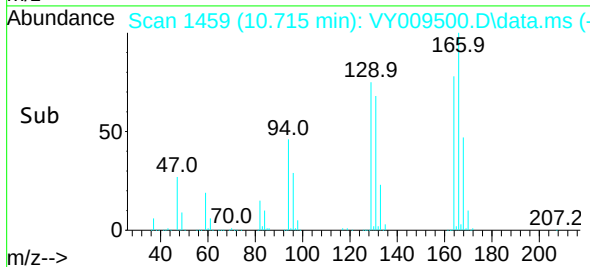
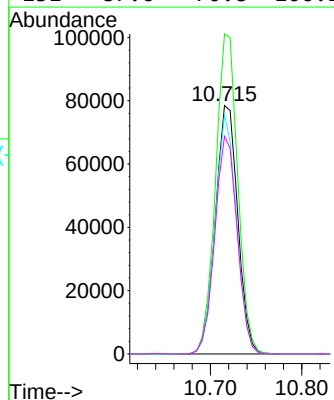
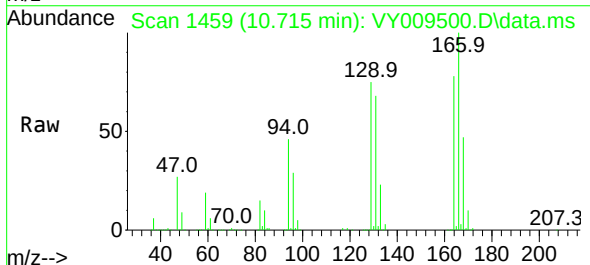
Instrument :
MSVOA_Y
ClientSampleId :

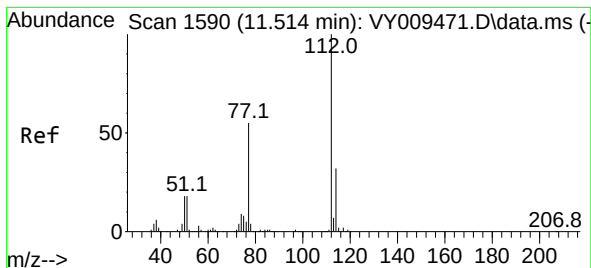
Tgt Ion:117 Resp: 296938
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.5 25.4 38.0



#64
Tetrachloroethene
Concen: 53.900 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion:164 Resp: 133817
Ion Ratio Lower Upper
164 100
166 128.8 100.4 150.6
129 96.2 71.4 107.0
131 87.6 70.8 106.2

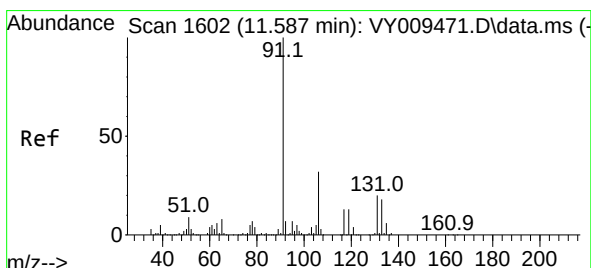
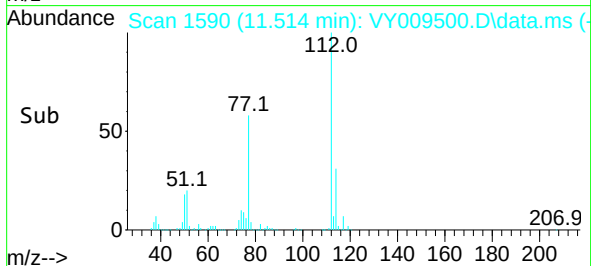
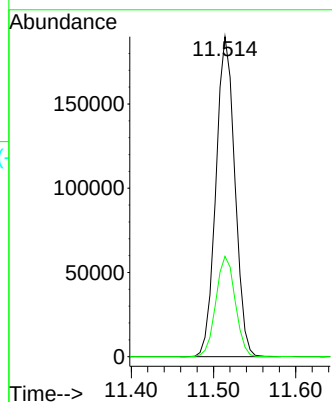
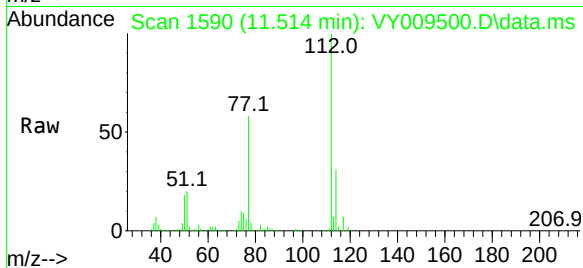




#65
Chlorobenzene
Concen: 52.120 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

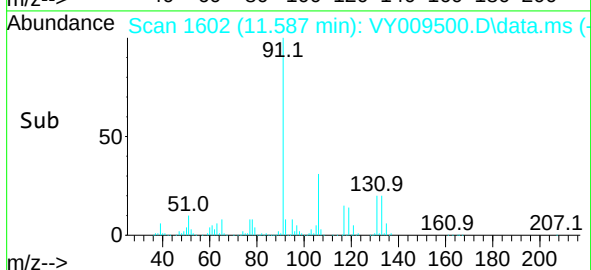
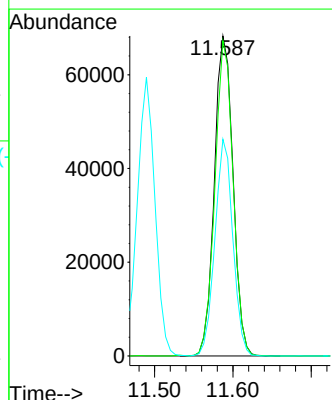
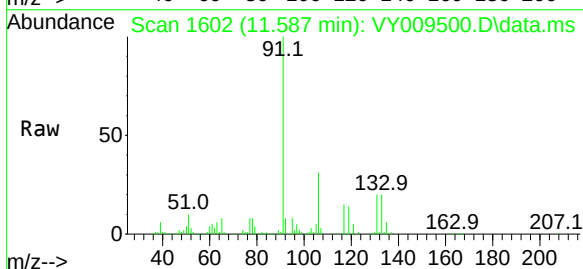
Instrument :
MSVOA_Y
ClientSampleId :

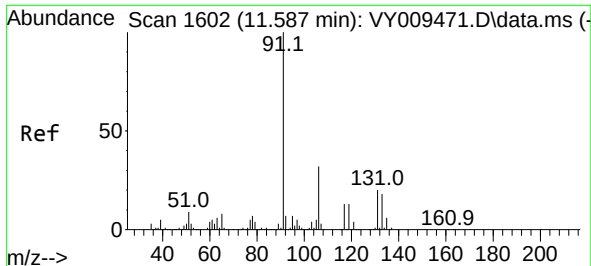
Tgt Ion:112 Resp: 303955
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.375 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion:131 Resp: 112703
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.6
119 65.4 30.8 92.3





#67

Ethyl Benzene

Concen: 53.492 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

Instrument :

MSVOA_Y

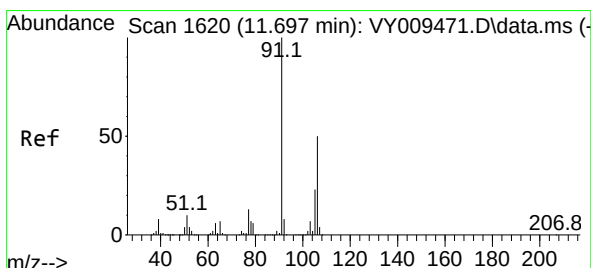
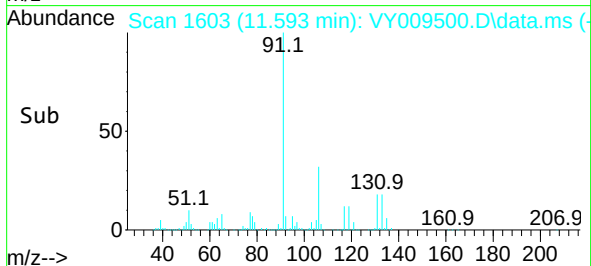
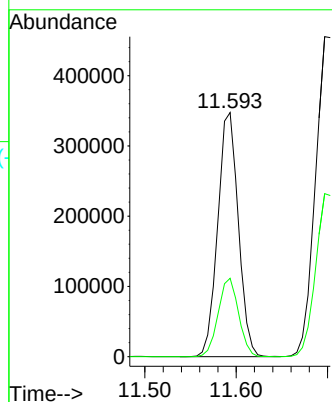
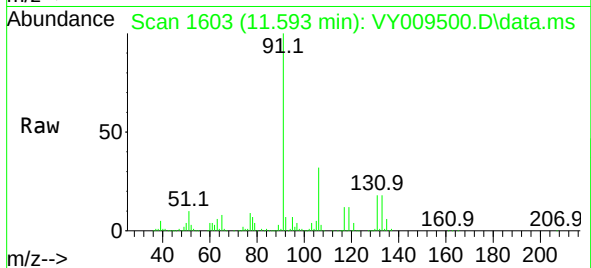
ClientSampleId :

Tgt Ion: 91 Resp: 544614

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 108.547 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY009500.D

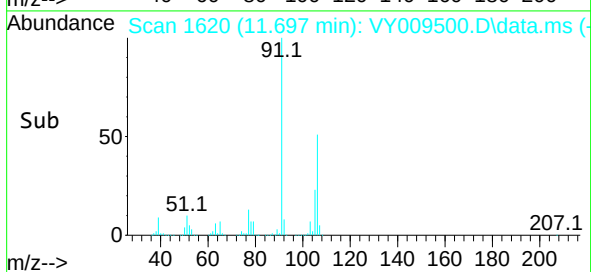
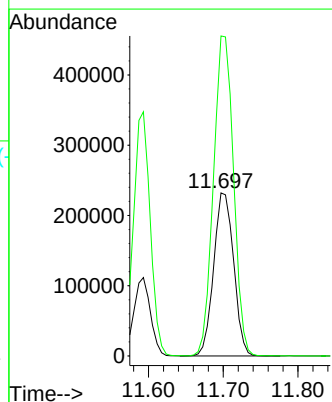
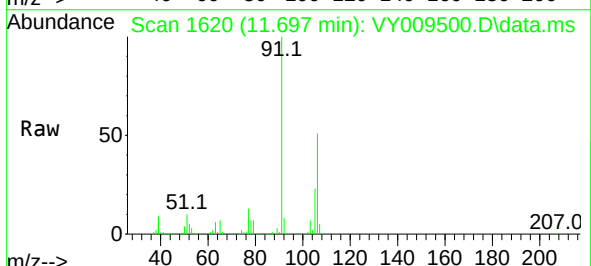
Acq: 11 Jul 2022 09:19

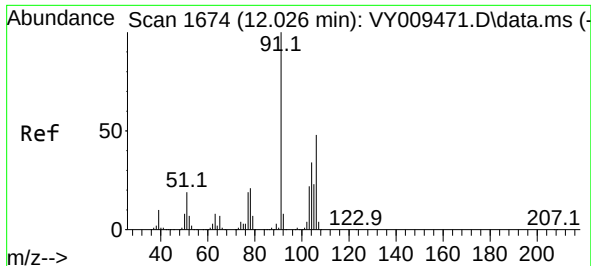
Tgt Ion:106 Resp: 431009

Ion Ratio Lower Upper

106 100

91 197.4 166.6 249.8

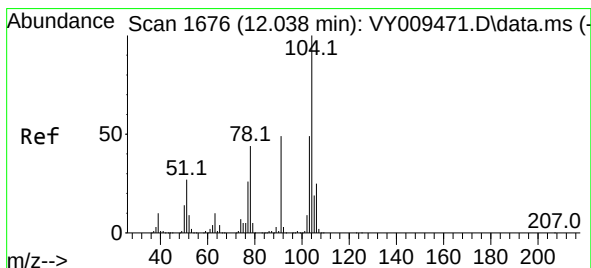
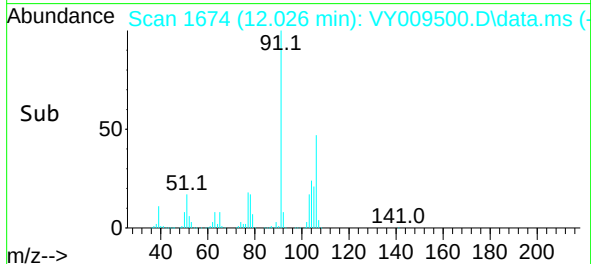
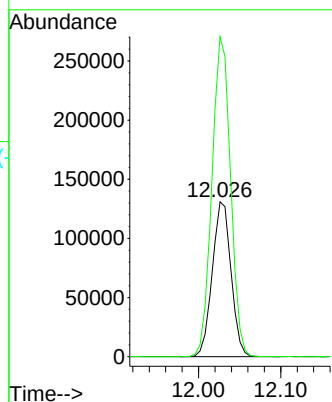
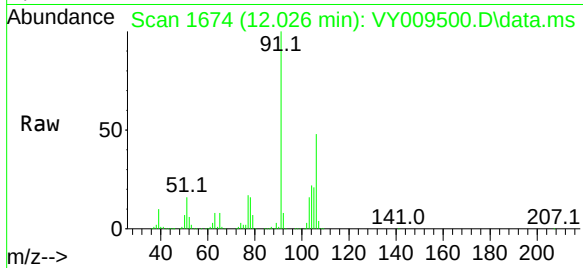




#69
o-Xylene
Concen: 54.437 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

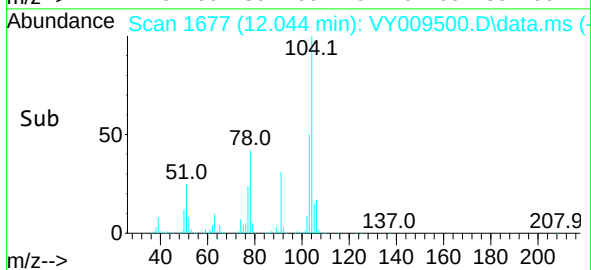
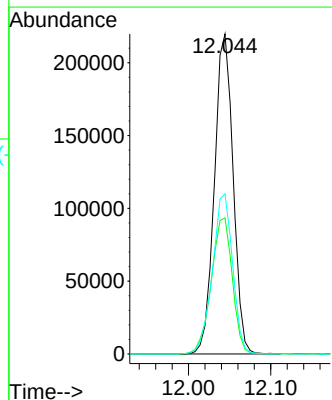
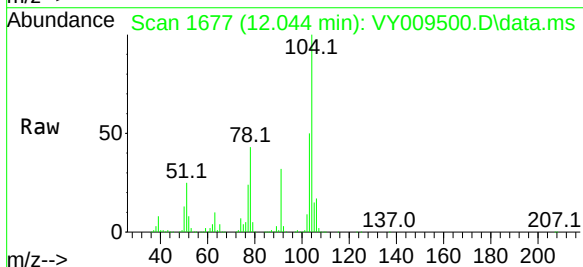
Instrument :
MSVOA_Y
ClientSampleId :

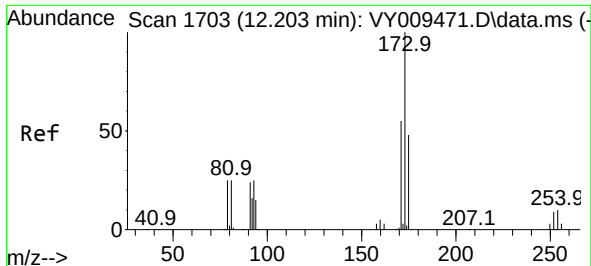
Tgt Ion:106 Resp: 207188
Ion Ratio Lower Upper
106 100
91 205.4 110.3 331.0



#70
Styrene
Concen: 54.739 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion:104 Resp: 347981
Ion Ratio Lower Upper
104 100
78 47.7 42.4 63.6
103 54.1 44.4 66.6

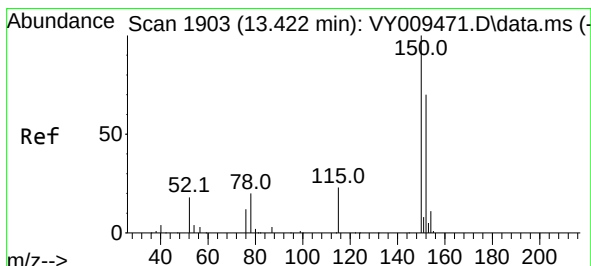
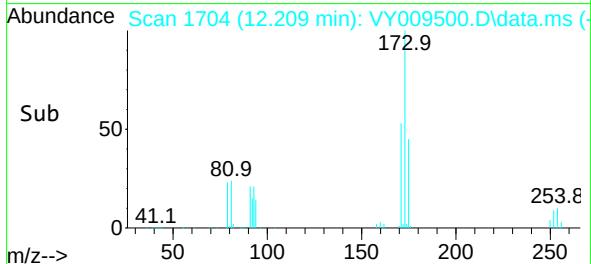
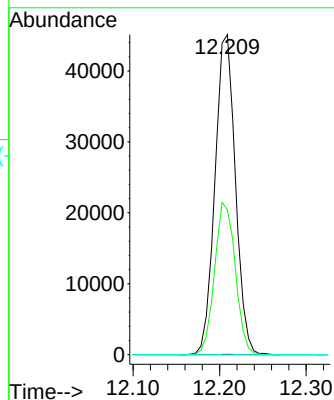
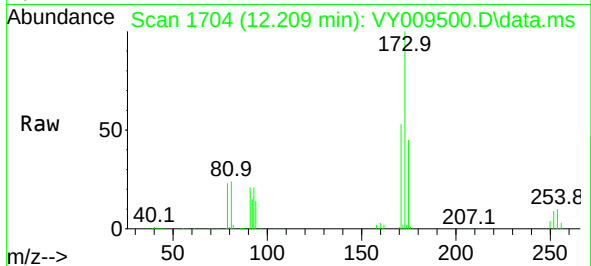




#71
Bromoform
Concen: 52.880 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

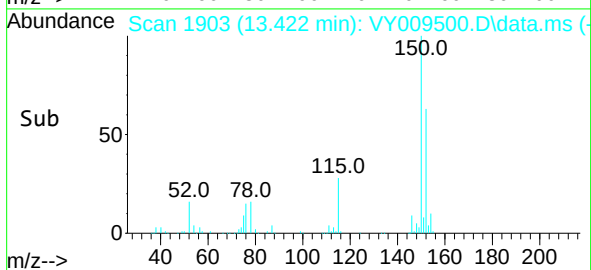
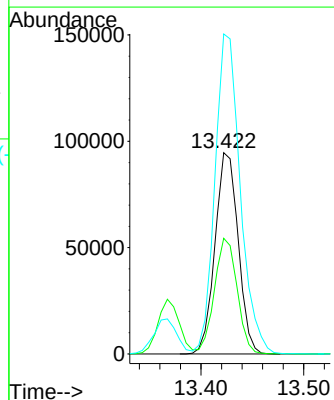
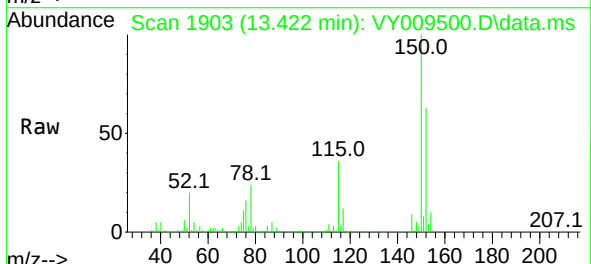
Instrument :
MSVOA_Y
ClientSampleId :

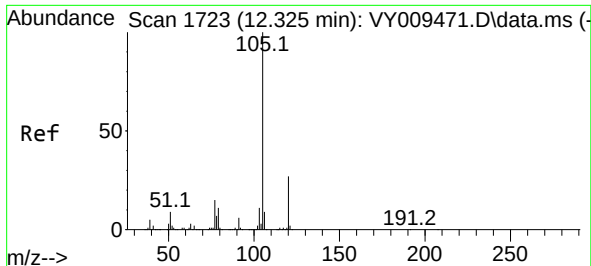
Tgt Ion:173 Resp: 73936
Ion Ratio Lower Upper
173 100
175 48.1 24.6 74.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion:152 Resp: 147899
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 174.0 0.0 347.6

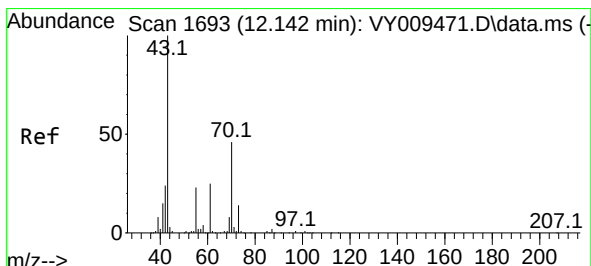
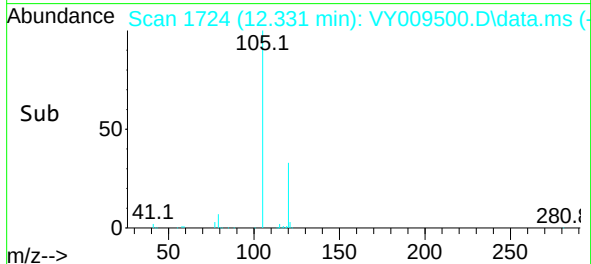
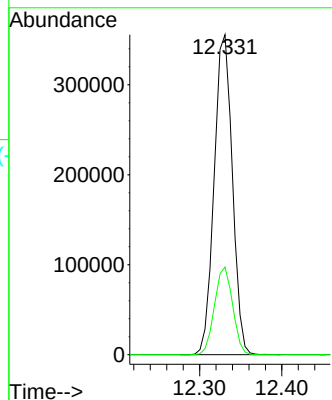
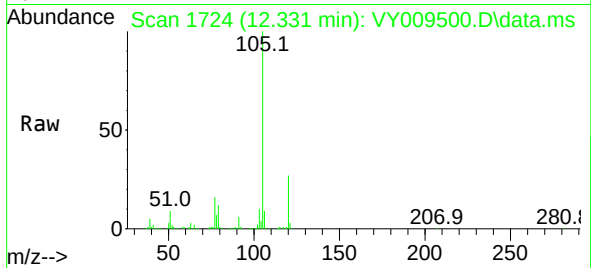




#73
Isopropylbenzene
Concen: 54.084 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

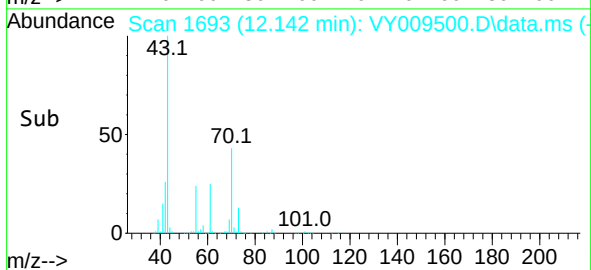
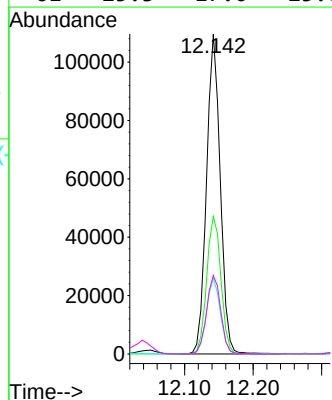
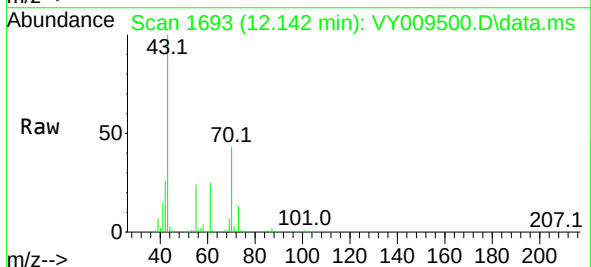
Instrument :
MSVOA_Y
ClientSampleId :

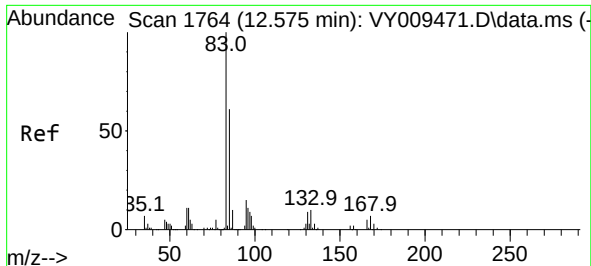
Tgt Ion:105 Resp: 547043
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 53.173 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion: 43 Resp: 153026
Ion Ratio Lower Upper
43 100
70 44.4 28.7 43.1#
55 23.9 17.3 25.9
61 25.3 17.0 25.6

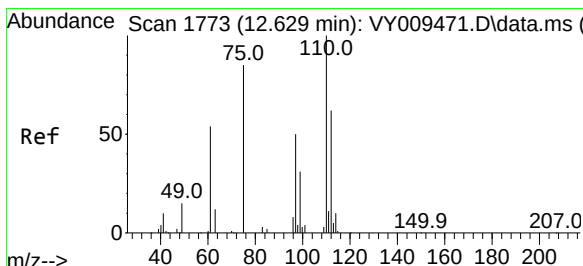
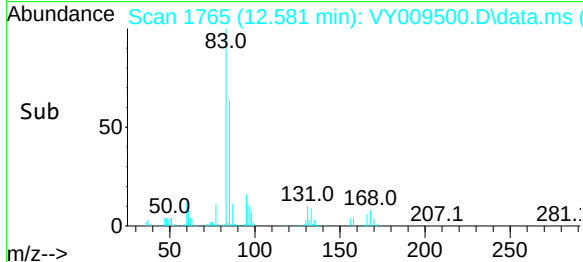
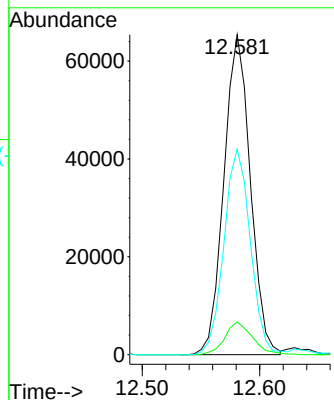
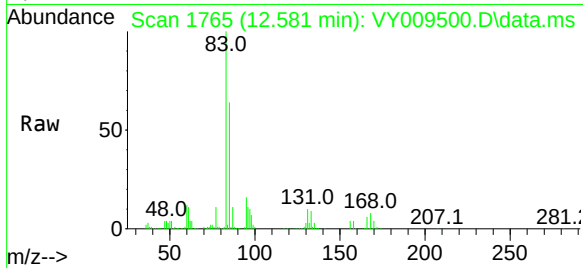




#75
1,1,2,2-Tetrachloroethane
Concen: 50.498 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

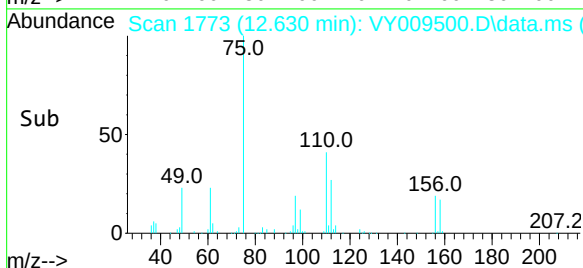
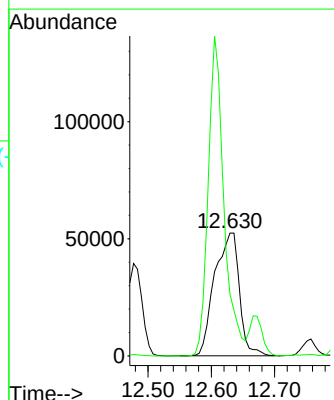
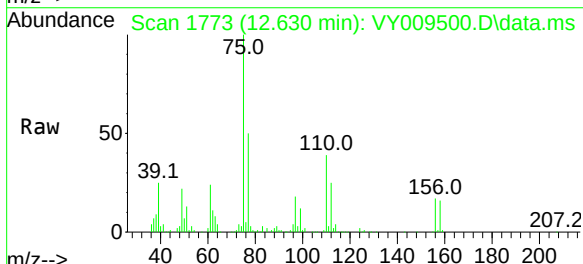
Instrument :
MSVOA_Y
ClientSampleId :

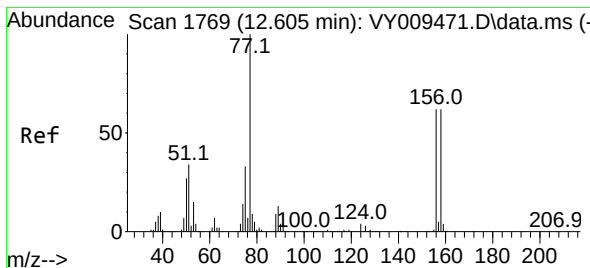
Tgt Ion: 83 Resp: 102271
Ion Ratio Lower Upper
83 100
131 10.7 5.6 16.8
85 64.3 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 90.972 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion: 75 Resp: 142428
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.030 ug/l

RT: 12.611 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

Instrument :

MSVOA_Y

ClientSampleId :

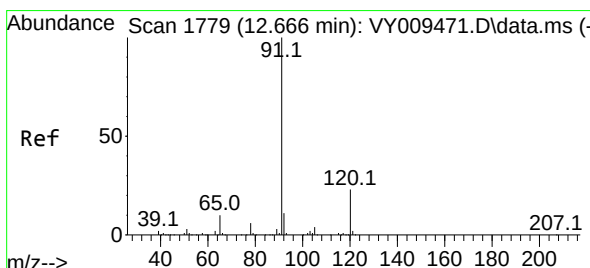
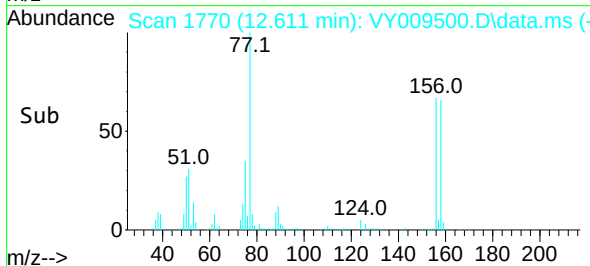
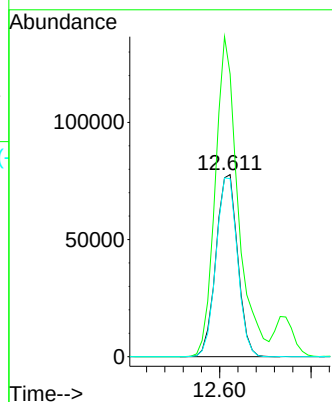
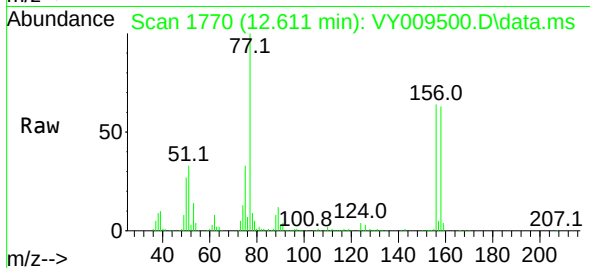
Tgt Ion:156 Resp: 128118

Ion Ratio Lower Upper

156 100

77 185.4 95.5 286.4

158 97.4 48.0 144.0



#78

n-propylbenzene

Concen: 53.874 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY009500.D

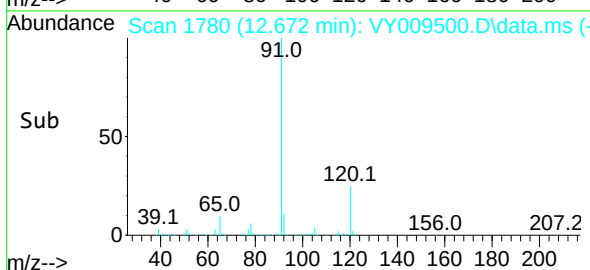
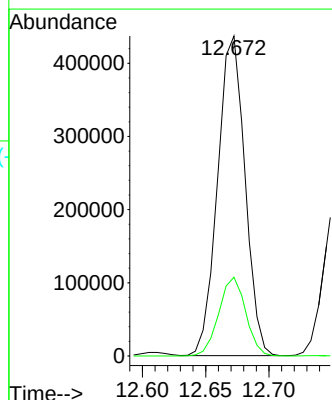
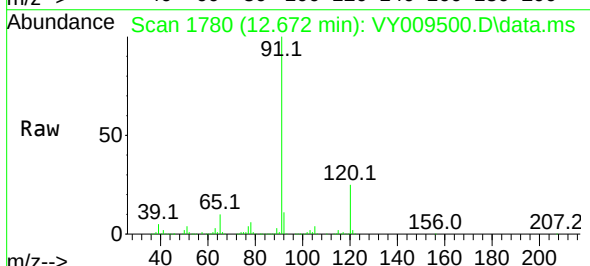
Acq: 11 Jul 2022 09:19

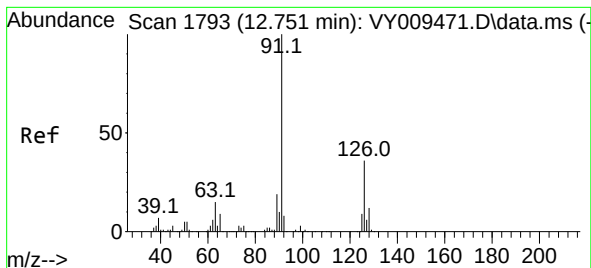
Tgt Ion: 91 Resp: 658340

Ion Ratio Lower Upper

91 100

120 24.2 11.3 33.9





#79

2-Chlorotoluene

Concen: 54.444 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

Instrument :

MSVOA_Y

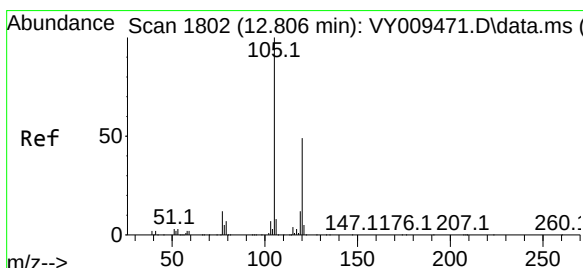
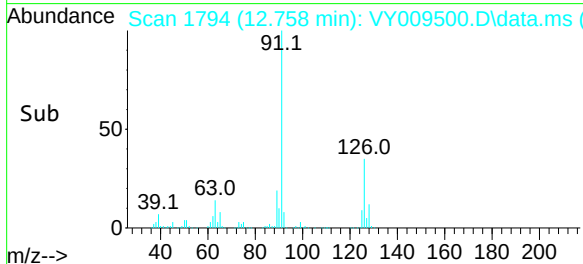
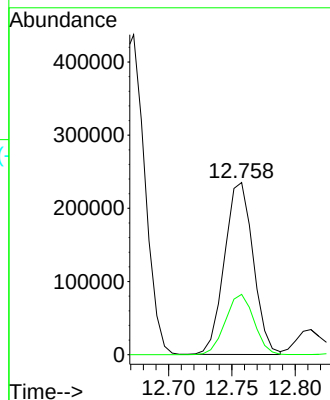
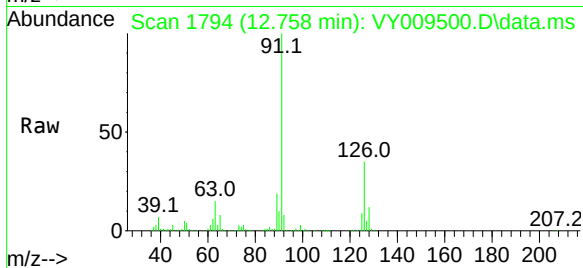
ClientSampleId :

Tgt Ion: 91 Resp: 372473

Ion Ratio Lower Upper

91 100

126 34.8 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 53.587 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.007 min

Lab File: VY009500.D

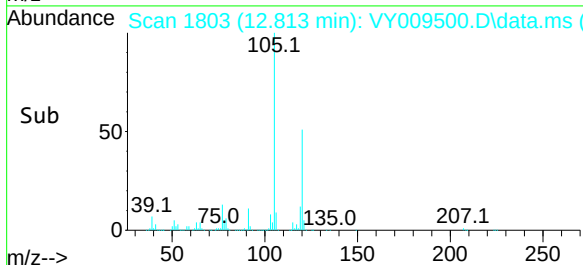
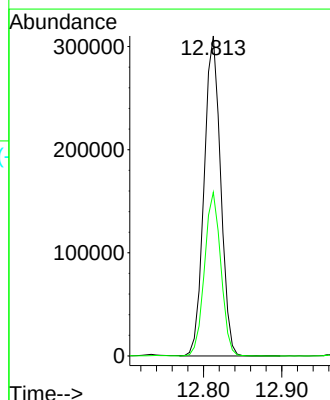
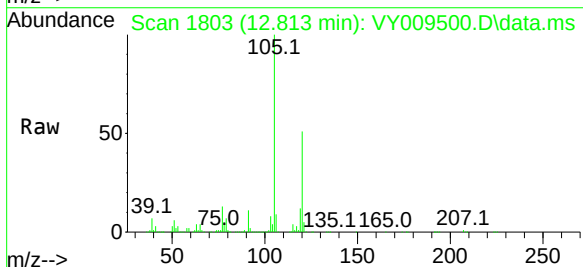
Acq: 11 Jul 2022 09:19

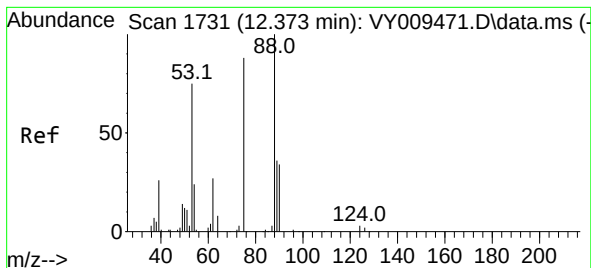
Tgt Ion: 105 Resp: 453055

Ion Ratio Lower Upper

105 100

120 50.6 24.4 73.4

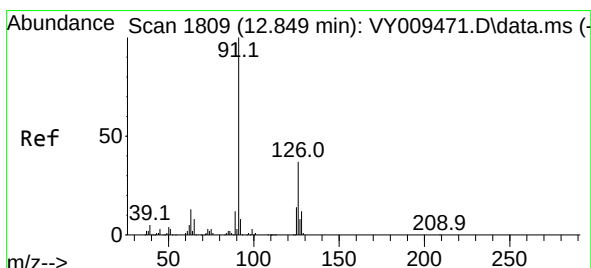
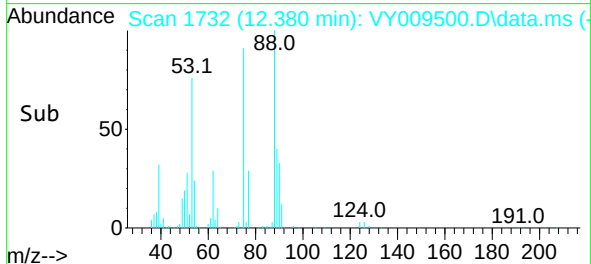
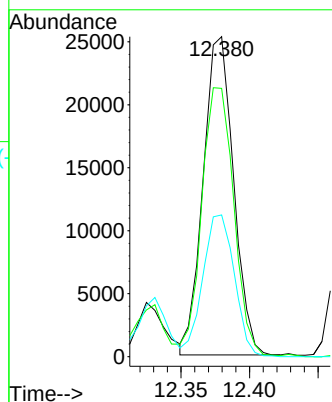
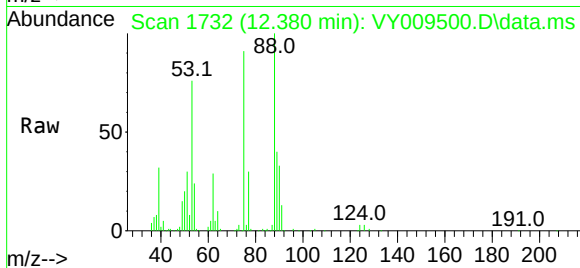




#81
trans-1,4-Dichloro-2-butene
Concen: 50.970 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.007 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

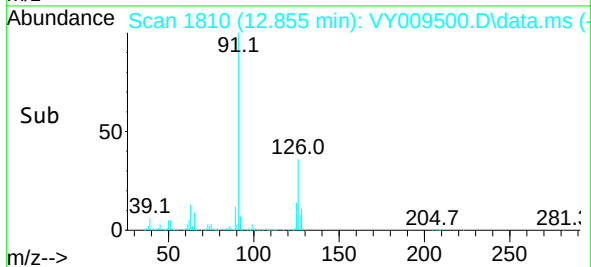
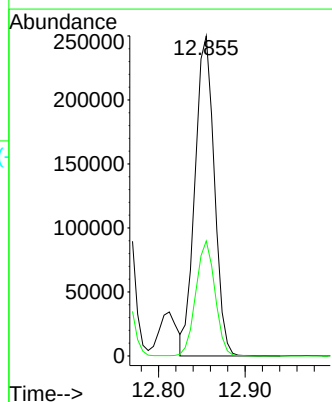
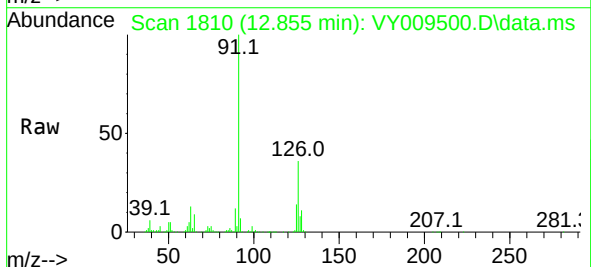
Instrument :
MSVOA_Y
ClientSampleId :

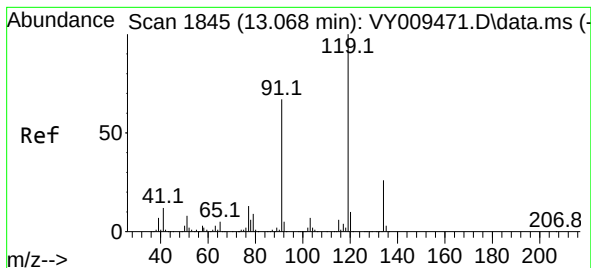
Tgt Ion: 75 Resp: 38991
Ion Ratio Lower Upper
75 100
53 89.3 85.3 127.9
89 46.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 53.939 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion: 91 Resp: 386727
Ion Ratio Lower Upper
91 100
126 35.6 17.0 51.0





#83

tert-Butylbenzene

Concen: 53.049 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.007 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

Instrument :

MSVOA_Y

ClientSampleId :

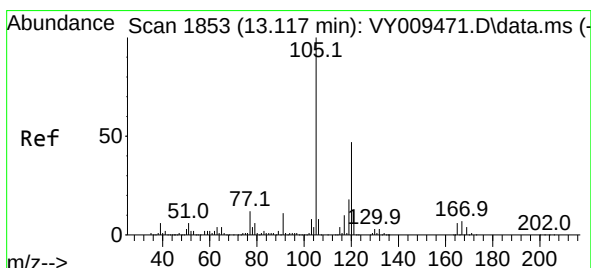
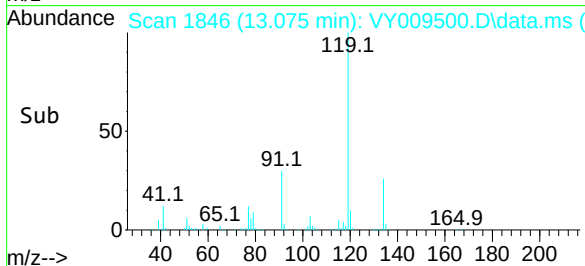
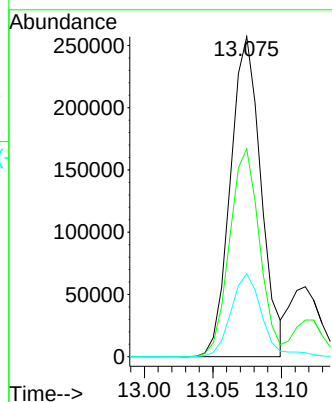
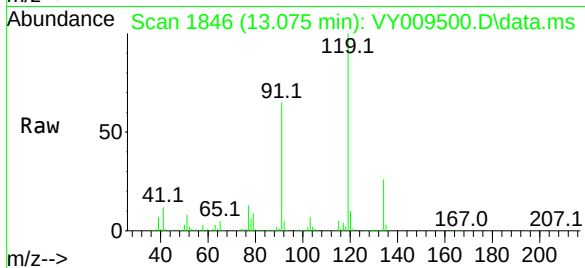
Tgt Ion:119 Resp: 399024

Ion Ratio Lower Upper

119 100

91 63.7 34.8 104.4

134 26.3 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 53.153 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009500.D

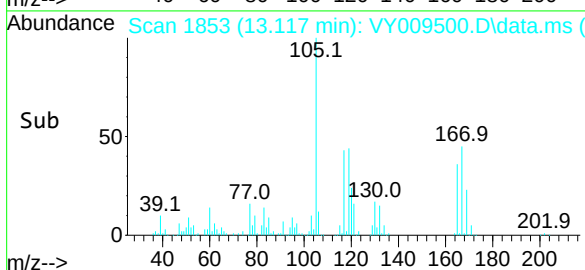
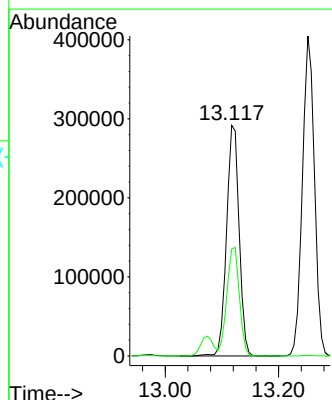
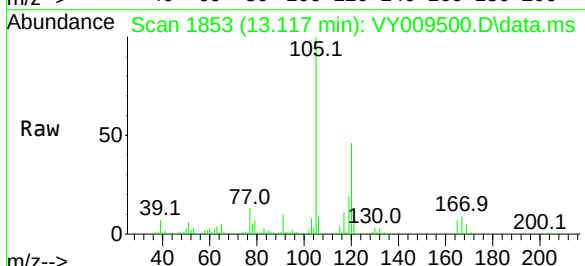
Acq: 11 Jul 2022 09:19

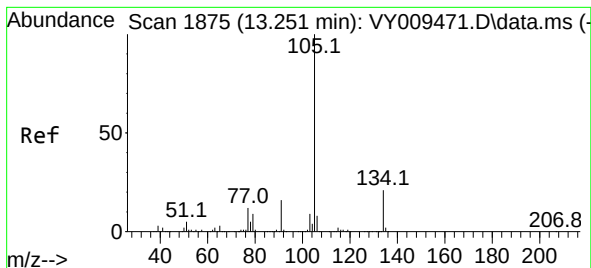
Tgt Ion:105 Resp: 447297

Ion Ratio Lower Upper

105 100

120 47.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 53.799 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

Instrument :

MSVOA_Y

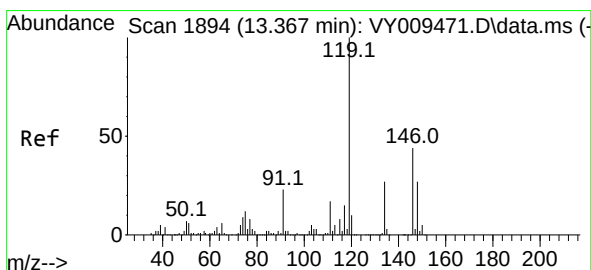
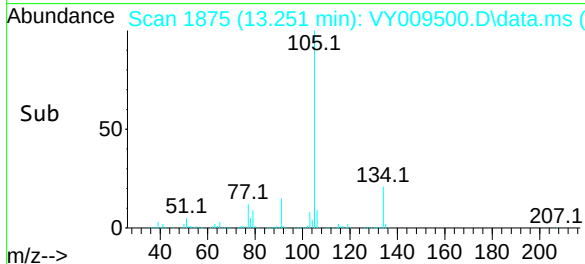
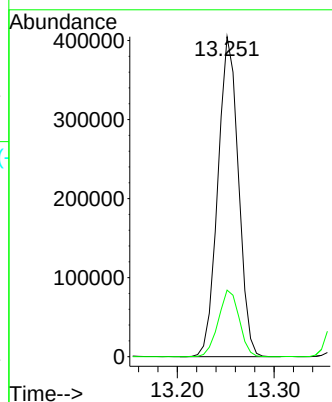
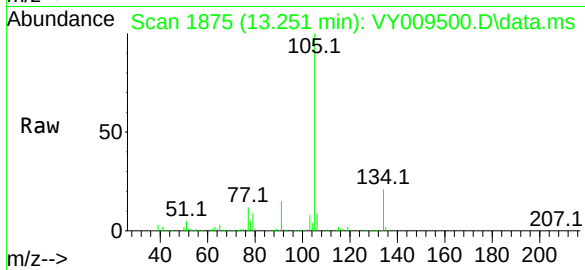
ClientSampleId :

Tgt Ion:105 Resp: 595966

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 53.149 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

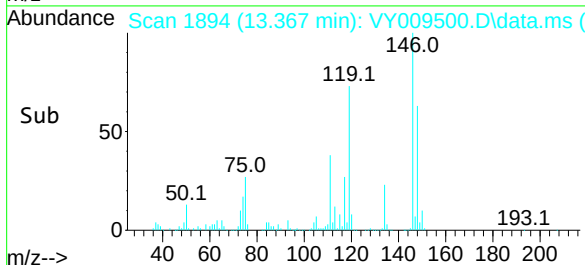
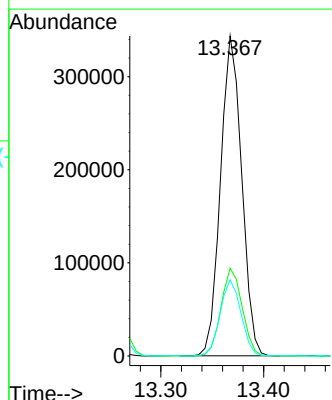
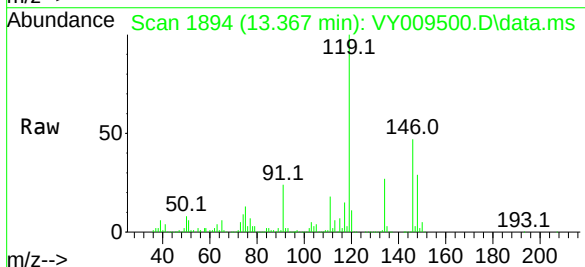
Tgt Ion:119 Resp: 490774

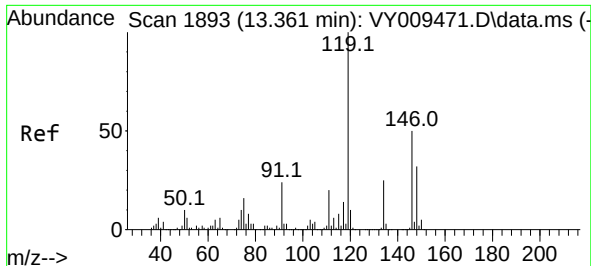
Ion Ratio Lower Upper

119 100

134 27.5 13.2 39.5

91 23.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 51.557 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

Instrument :

MSVOA_Y

ClientSampleId :

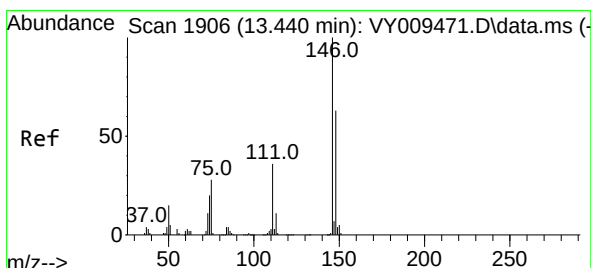
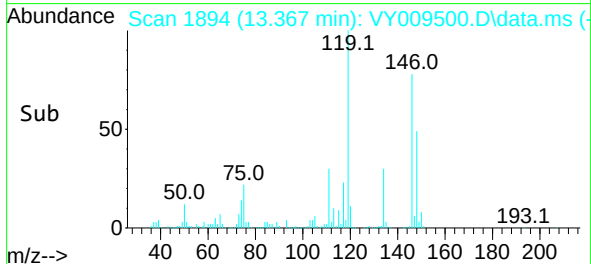
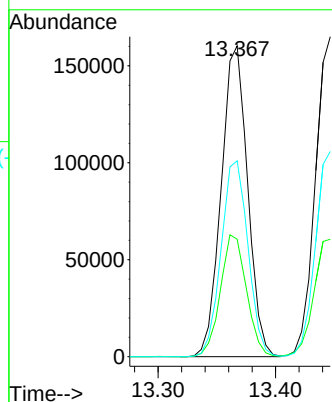
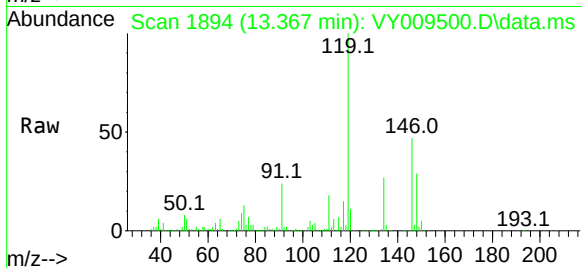
Tgt Ion:146 Resp: 250598

Ion Ratio Lower Upper

146 100

111 38.8 19.5 58.5

148 64.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 51.684 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.007 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

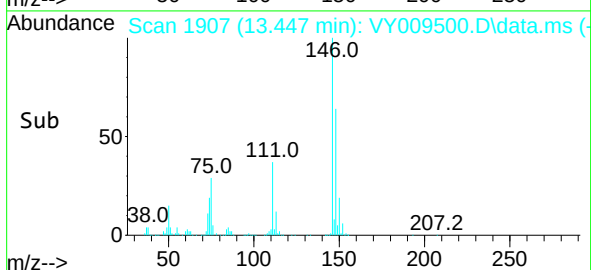
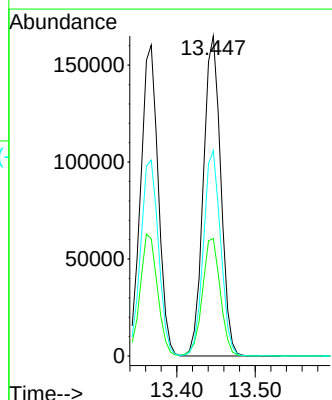
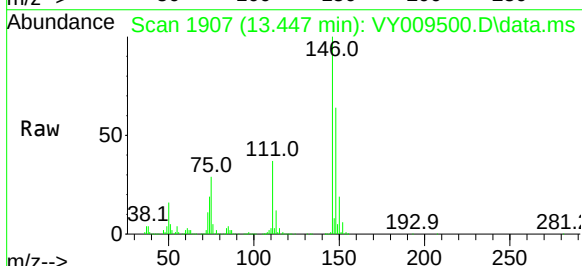
Tgt Ion:146 Resp: 254256

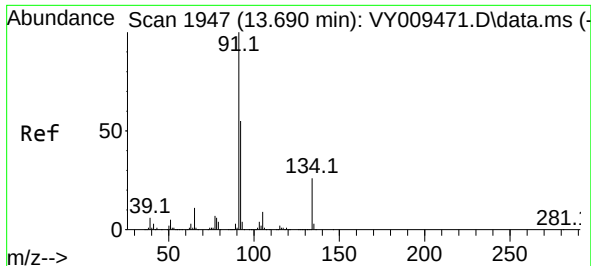
Ion Ratio Lower Upper

146 100

111 37.7 19.3 57.8

148 63.7 32.6 97.8

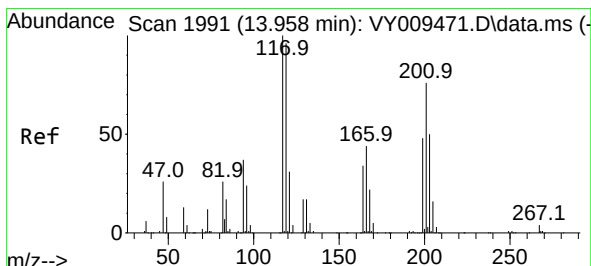
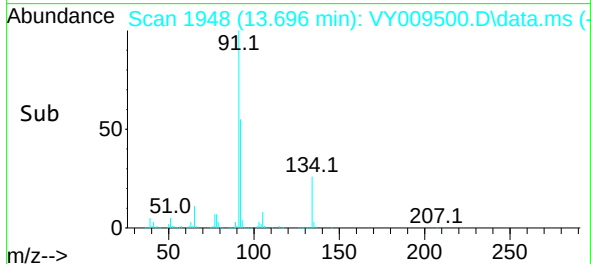
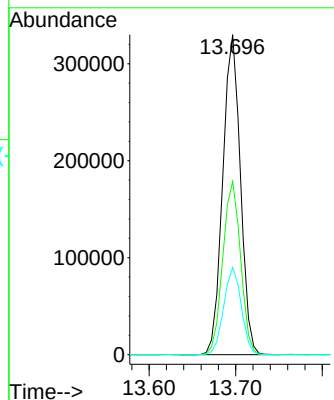
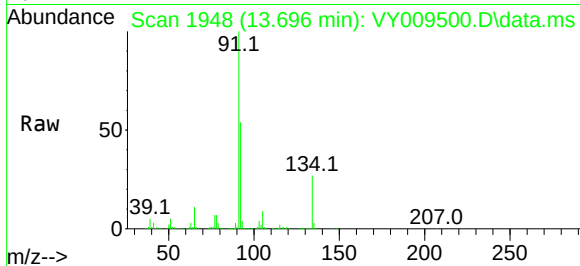




#89
n-Butylbenzene
Concen: 54.158 ug/l
RT: 13.696 min Scan# 1947
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

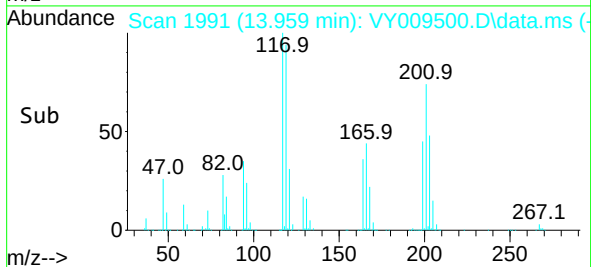
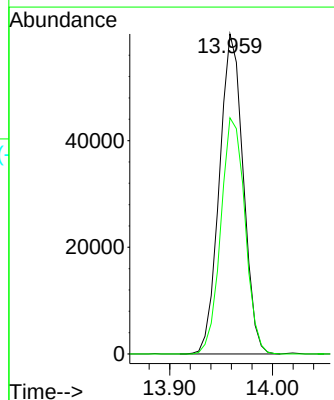
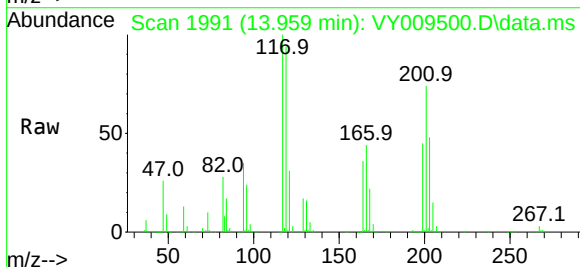
Instrument :
MSVOA_Y
ClientSampleId :

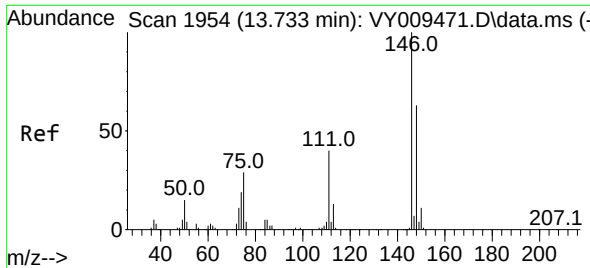
Tgt Ion: 91 Resp: 466987
Ion Ratio Lower Upper
91 100
92 54.5 26.3 78.9
134 27.1 13.0 38.9



#90
Hexachloroethane
Concen: 53.253 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion: 117 Resp: 96482
Ion Ratio Lower Upper
117 100
201 74.7 43.0 128.8

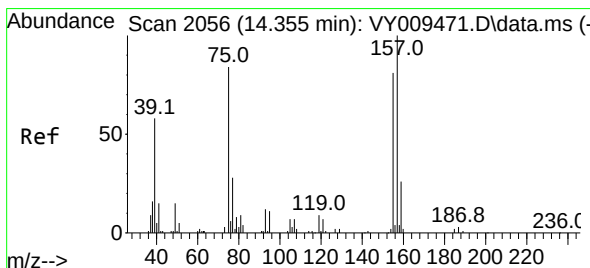
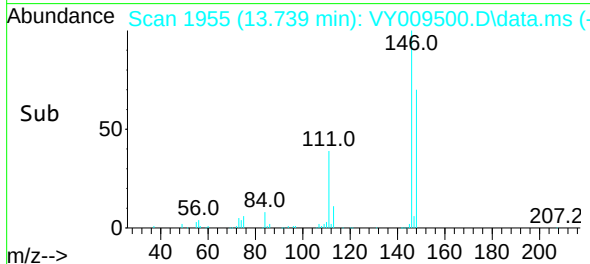
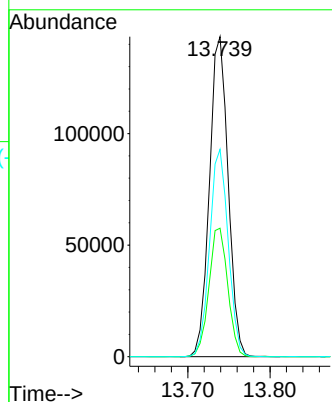
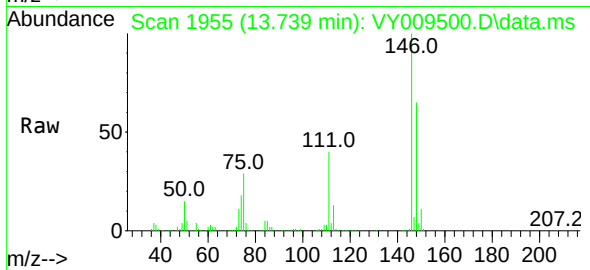




#91
1,2-Dichlorobenzene
Concen: 50.958 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

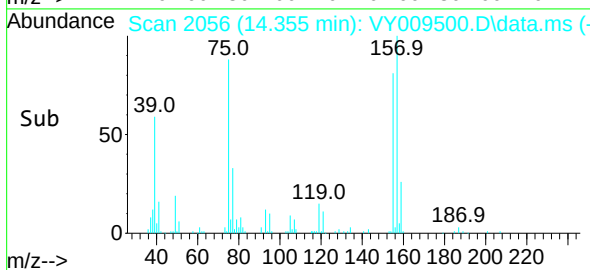
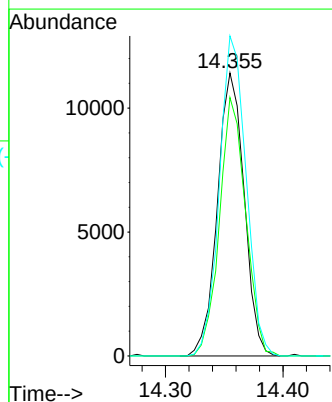
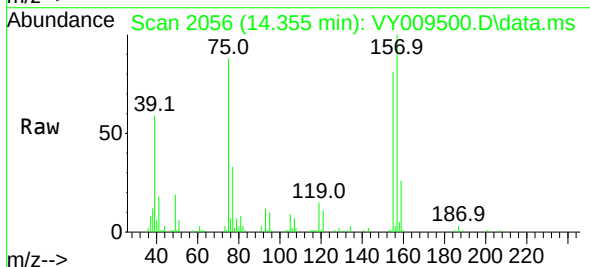
Instrument :
MSVOA_Y
ClientSampleId :

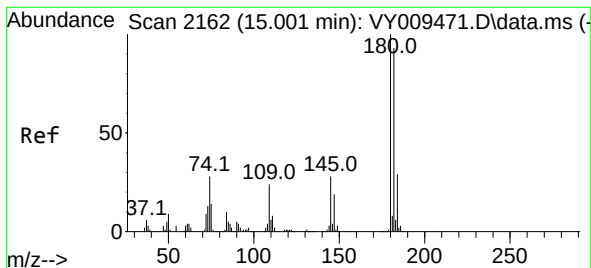
Tgt Ion:146 Resp: 226934
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.9
148 64.4 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.826 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion: 75 Resp: 18042
Ion Ratio Lower Upper
75 100
155 89.3 38.0 113.9
157 112.9 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 51.324 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

Instrument :

MSVOA_Y

ClientSampleId :

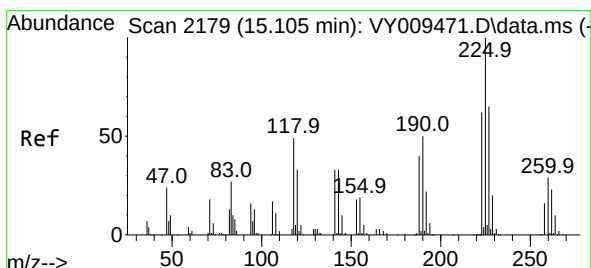
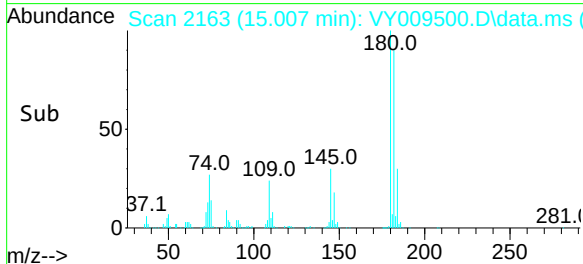
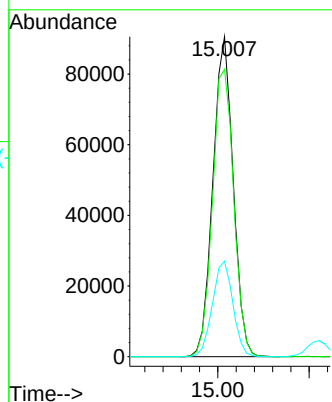
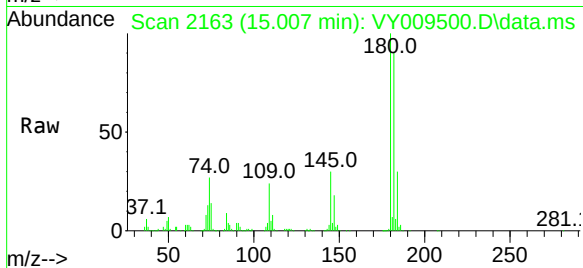
Tgt Ion:180 Resp: 139402

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.9

145 30.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 51.029 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY009500.D

Acq: 11 Jul 2022 09:19

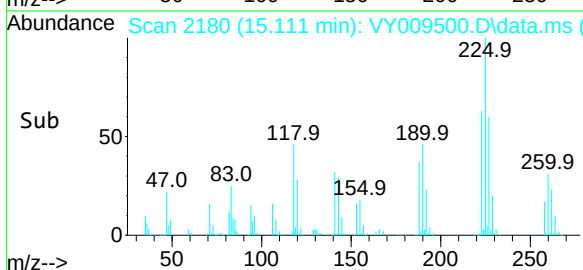
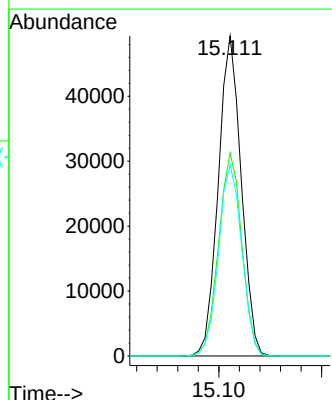
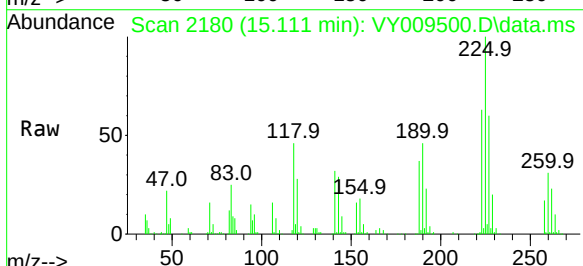
Tgt Ion:225 Resp: 76200

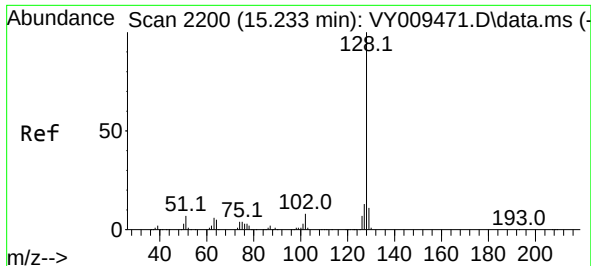
Ion Ratio Lower Upper

225 100

223 64.1 30.8 92.3

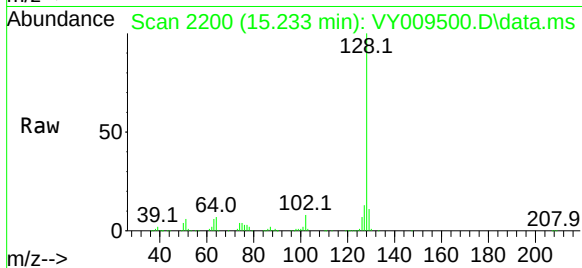
227 60.8 31.6 94.7



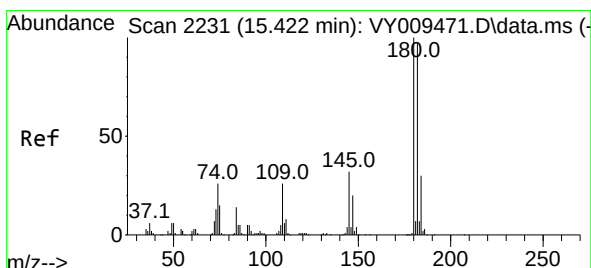
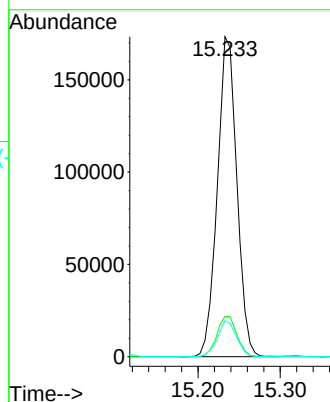
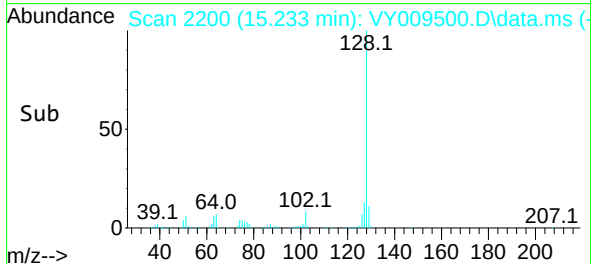


#95
Naphthalene
Concen: 50.976 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 286269
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 50.527 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY009500.D
Acq: 11 Jul 2022 09:19

Tgt Ion:180 Resp: 118863
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.9
145 31.5 15.3 45.9

