

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017220.D
 Acq On : 05 Feb 2024 11:15
 Operator : SY/MD
 Sample : VY0205SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

Quant Time: Feb 06 01:11:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	136515	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	230765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	196362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	86802	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	57262	46.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.900%
35) Dibromofluoromethane	7.734	113	61805	49.603	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.200%
50) Toluene-d8	10.197	98	234337	51.656	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.320%
62) 4-Bromofluorobenzene	12.495	95	71250	47.945	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	23815	23.012	ug/l	99
3) Chloromethane	2.119	50	36120	19.429	ug/l	99
4) Vinyl Chloride	2.259	62	43039	18.997	ug/l	98
5) Bromomethane	2.656	94	29399	18.720	ug/l	94
6) Chloroethane	2.802	64	27418	18.743	ug/l	92
7) Trichlorofluoromethane	3.131	101	49512	21.253	ug/l	99
8) Diethyl Ether	3.540	74	12949	17.671	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.912	101	30670	21.718	ug/l	99
10) Methyl Iodide	4.107	142	26533	17.872	ug/l	98
11) Tert butyl alcohol	4.966	59	8057	66.380	ug/l #	91
12) 1,1-Dichloroethene	3.881	96	26683	20.165	ug/l	90
13) Acrolein	3.741	56	10202	93.634	ug/l	99
14) Allyl chloride	4.491	41	38761	19.376	ug/l	98
15) Acrylonitrile	5.174	53	28540	86.502	ug/l	99
16) Acetone	3.960	43	32853	91.656	ug/l	99
17) Carbon Disulfide	4.210	76	81423	19.276	ug/l	99
18) Methyl Acetate	4.485	43	12121	15.158	ug/l	98
19) Methyl tert-butyl Ether	5.241	73	55586	17.442	ug/l	100
20) Methylene Chloride	4.735	84	33797	20.989	ug/l	98
21) trans-1,2-Dichloroethene	5.241	96	30518	20.273	ug/l	94
22) Diisopropyl ether	6.137	45	85994	19.575	ug/l	95
23) Vinyl Acetate	6.076	43	242963	91.275	ug/l	100
24) 1,1-Dichloroethane	6.033	63	53582	19.910	ug/l	98
25) 2-Butanone	7.002	43	41040	86.128	ug/l	96
26) 2,2-Dichloropropane	6.996	77	44494	19.877	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	33770	20.058	ug/l	98
28) Bromochloromethane	7.350	49	17489	16.972	ug/l	99
29) Tetrahydrofuran	7.368	42	21795	80.970	ug/l	99
30) Chloroform	7.521	83	54650	20.187	ug/l	100
31) Cyclohexane	7.801	56	49094	19.972	ug/l	94
32) 1,1,1-Trichloroethane	7.716	97	47433	20.369	ug/l	100
36) 1,1-Dichloropropene	7.929	75	43507	20.243	ug/l	99
37) Ethyl Acetate	7.088	43	16918	16.972	ug/l	99
38) Carbon Tetrachloride	7.917	117	41458	20.147	ug/l	92
39) Methylcyclohexane	9.197	83	50676	20.183	ug/l	99
40) Benzene	8.173	78	123996	20.203	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	10042m	21.262	ug/l	
42) 1,2-Dichloroethane	8.252	62	30351	18.677	ug/l	99
43) Isopropyl Acetate	8.289	43	29238	16.569	ug/l	98
44) Trichloroethene	8.953	130	31795	20.408	ug/l	92
45) 1,2-Dichloropropane	9.234	63	29930	19.853	ug/l	95
46) Dibromomethane	9.319	93	15043	18.472	ug/l	100
47) Bromodichloromethane	9.514	83	39381	19.323	ug/l	96
48) Methyl methacrylate	9.307	41	13721	16.577	ug/l	99
49) 1,4-Dioxane	9.313	88	2943	332.025	ug/l	93
51) 4-Methyl-2-Pentanone	10.087	43	78586	83.079	ug/l	100
52) Toluene	10.258	92	74738	20.174	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	35274	18.426	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	43500	18.971	ug/l	96
55) 1,1,2-Trichloroethane	10.660	97	20977	18.933	ug/l	97
56) Ethyl methacrylate	10.526	69	22593	17.250	ug/l	96
57) 1,3-Dichloropropane	10.807	76	35548	18.654	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	58189	84.301	ug/l	99
59) 2-Hexanone	10.849	43	59870	87.530	ug/l	97
60) Dibromochloromethane	11.002	129	23866	18.361	ug/l	99
61) 1,2-Dibromoethane	11.105	107	18859	18.302	ug/l	99
64) Tetrachloroethene	10.733	164	26118	20.480	ug/l	98
65) Chlorobenzene	11.532	112	76480	20.190	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	27284	19.820	ug/l	99
67) Ethyl Benzene	11.605	91	139501	20.377	ug/l	97
68) m/p-Xylenes	11.721	106	105470	40.596	ug/l	100
69) o-Xylene	12.044	106	48449	20.250	ug/l	99
70) Styrene	12.056	104	78567	19.931	ug/l	98
71) Bromoform	12.221	173	13220	18.337	ug/l #	96
73) Isopropylbenzene	12.343	105	131942	20.691	ug/l	99
74) N-amyl acetate	12.160	43	24240	16.918	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	23078	18.400	ug/l	96
76) 1,2,3-Trichloropropane	12.648	75	14225m	17.755	ug/l	
77) Bromobenzene	12.623	156	27558	19.483	ug/l	97
78) n-propylbenzene	12.684	91	164042	20.946	ug/l	100
79) 2-Chlorotoluene	12.770	91	88076	20.456	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	105427	20.788	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	6732	17.460	ug/l	97
82) 4-Chlorotoluene	12.867	91	90154	20.344	ug/l	99
83) tert-Butylbenzene	13.093	119	92831	21.354	ug/l	100
84) 1,2,4-Trimethylbenzene	13.136	105	103421	20.660	ug/l	98
85) sec-Butylbenzene	13.270	105	141843	20.876	ug/l	99
86) p-Isopropyltoluene	13.385	119	112539	20.727	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	57196	20.270	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	56527	20.620	ug/l	99
89) n-Butylbenzene	13.709	91	107674	20.858	ug/l	99
90) Hexachloroethane	13.977	117	23034	20.665	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	48103	20.025	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2703	16.545	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	24220	20.299	ug/l	97
94) Hexachlorobutadiene	15.129	225	15424	21.949	ug/l	100
95) Naphthalene	15.251	128	38362	18.779	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	19933	19.643	ug/l	95

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QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

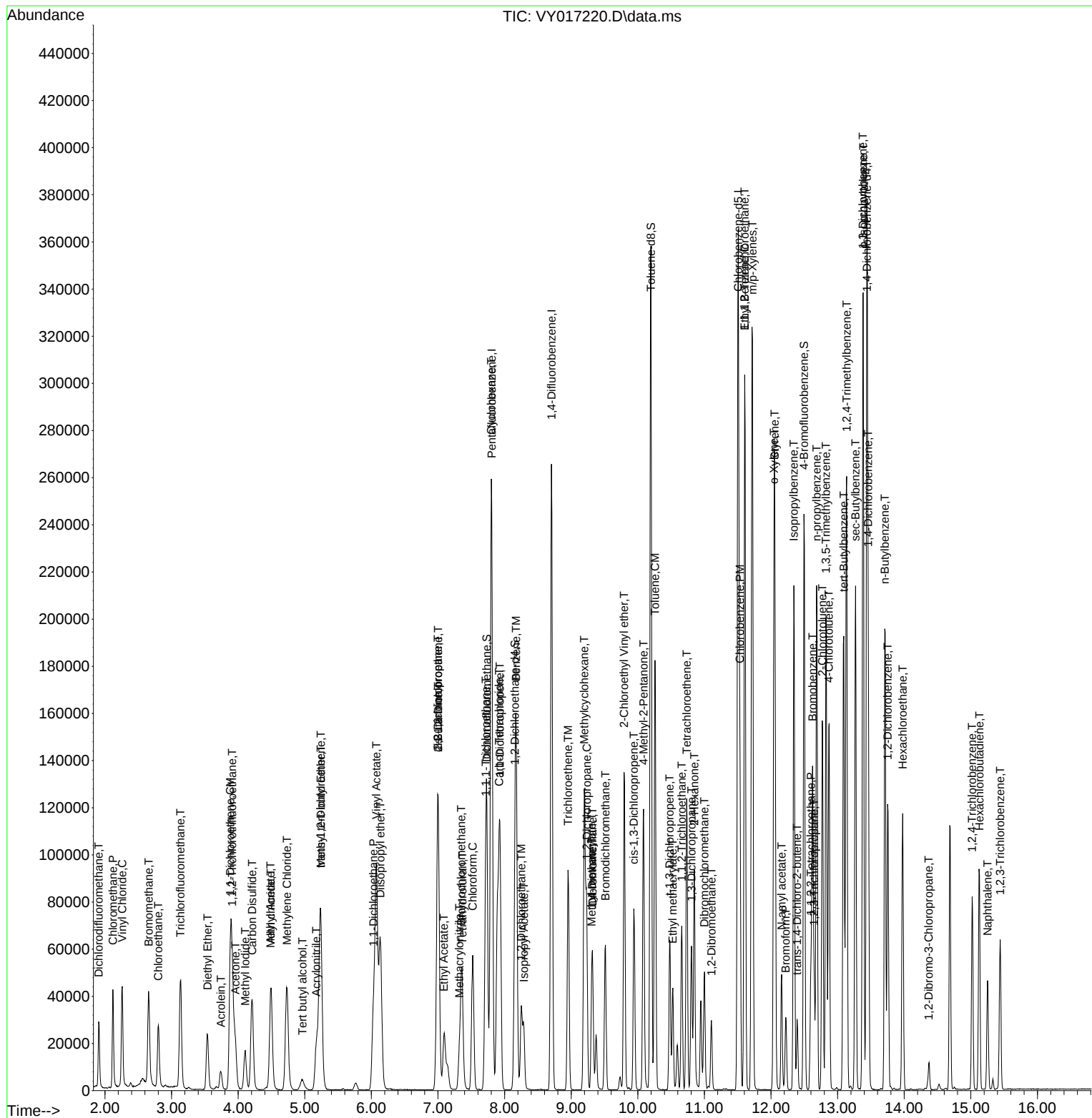
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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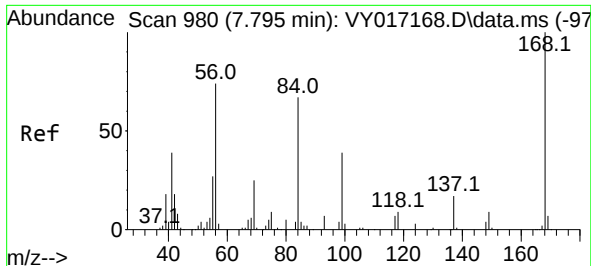
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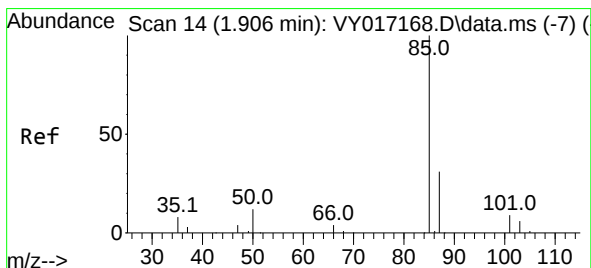
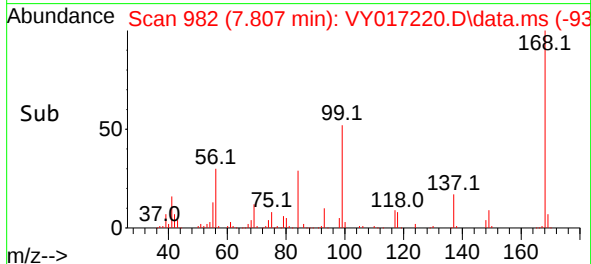
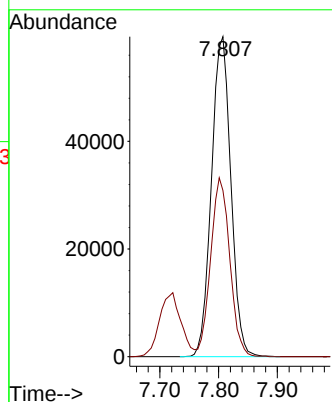
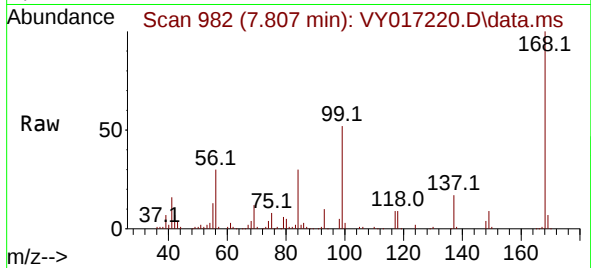




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017220.D
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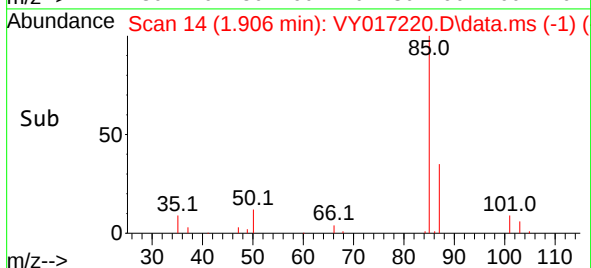
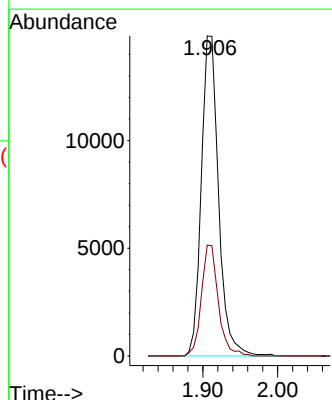
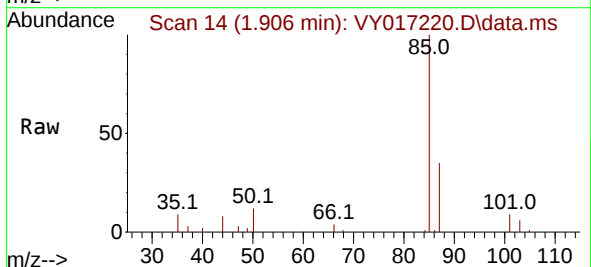
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

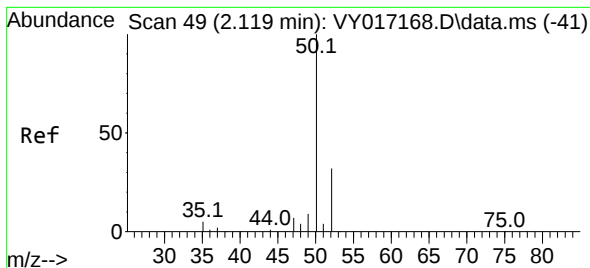
Tgt Ion:168 Resp: 136515
Ion Ratio Lower Upper
168 100
99 52.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 23.012 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion: 85 Resp: 23815
Ion Ratio Lower Upper
85 100
87 34.7 17.1 51.3





#3

Chloromethane

Concen: 19.429 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

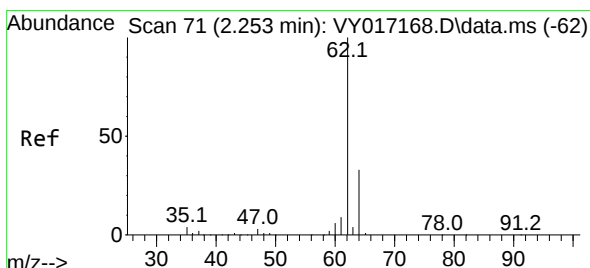
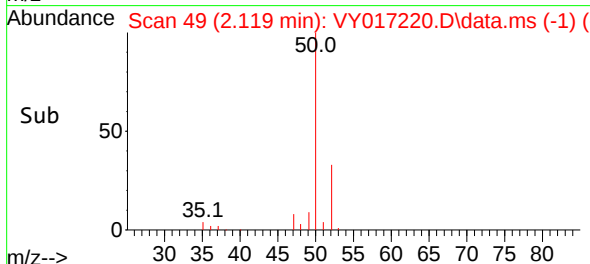
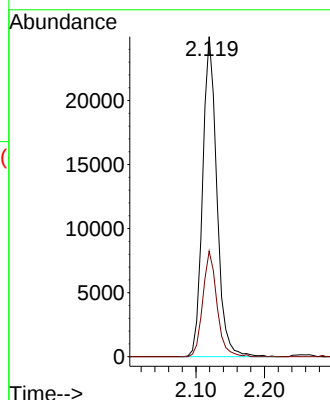
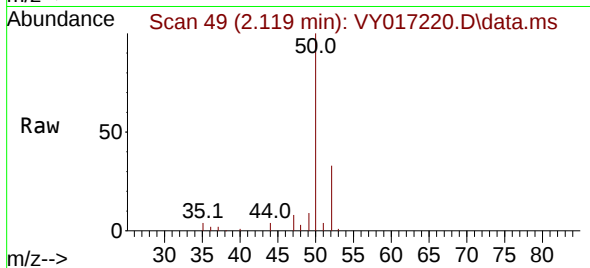
VY0205SBS01

Tgt Ion: 50 Resp: 36120

Ion Ratio Lower Upper

50 100

52 33.0 26.7 40.1



#4

Vinyl Chloride

Concen: 18.997 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.006 min

Lab File: VY017220.D

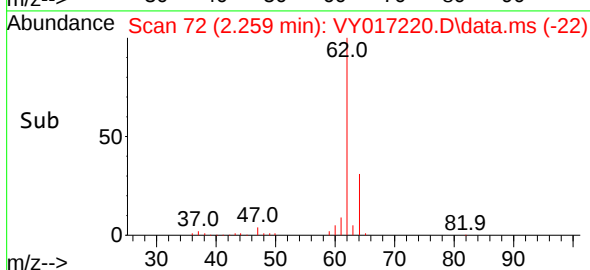
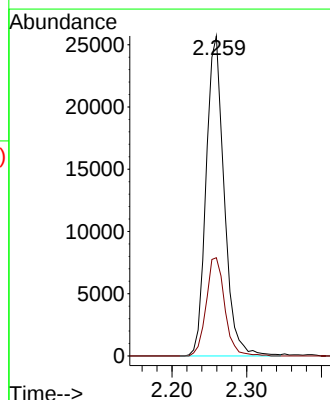
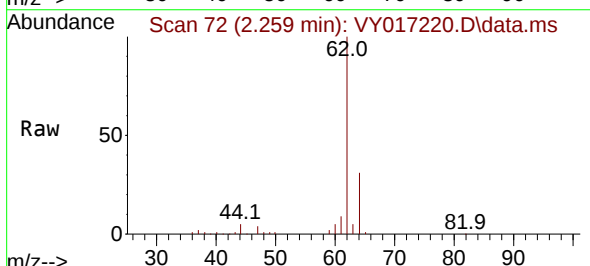
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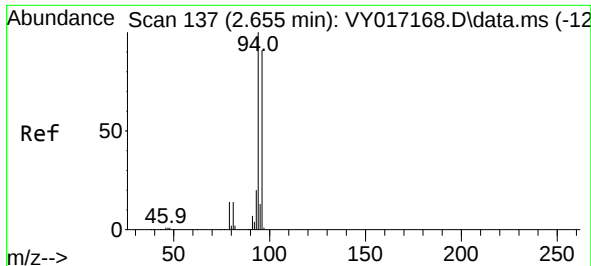
Tgt Ion: 62 Resp: 43039

Ion Ratio Lower Upper

62 100

64 30.7 25.7 38.5

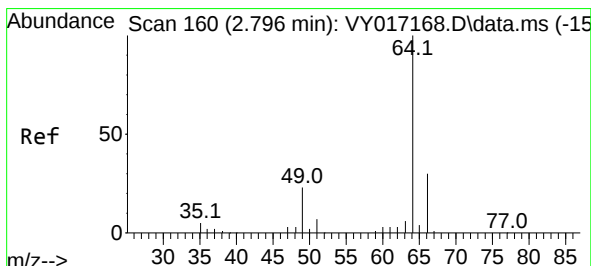
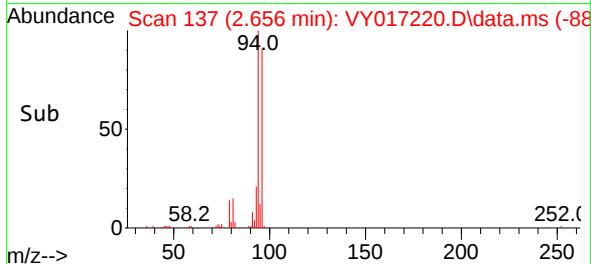
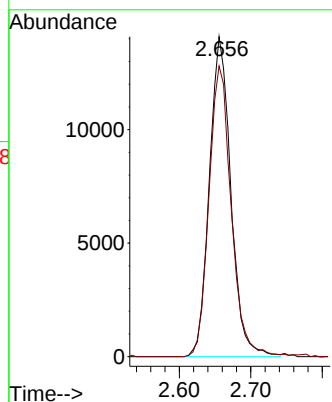
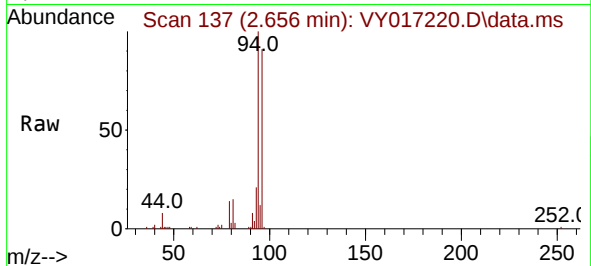




#5
Bromomethane
Concen: 18.720 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017220.D
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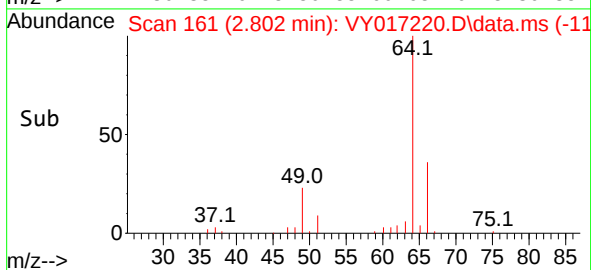
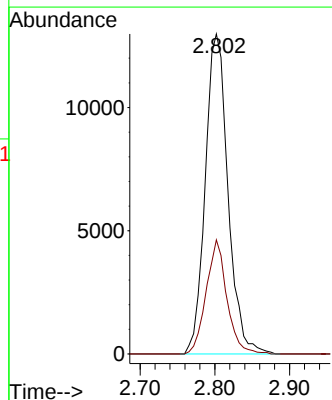
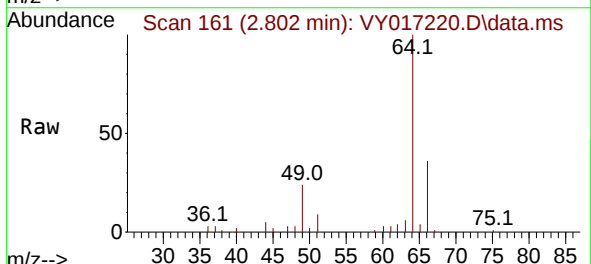
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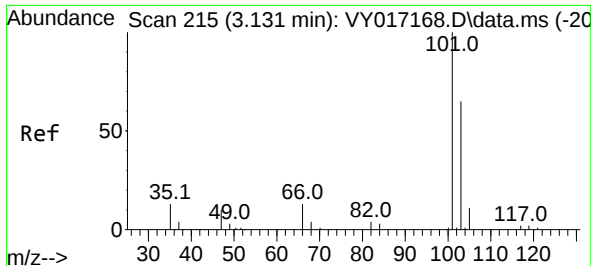
Tgt Ion: 94 Resp: 29399
Ion Ratio Lower Upper
94 100
96 90.9 77.3 115.9



#6
Chloroethane
Concen: 18.743 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion: 64 Resp: 27418
Ion Ratio Lower Upper
64 100
66 35.7 25.1 37.7

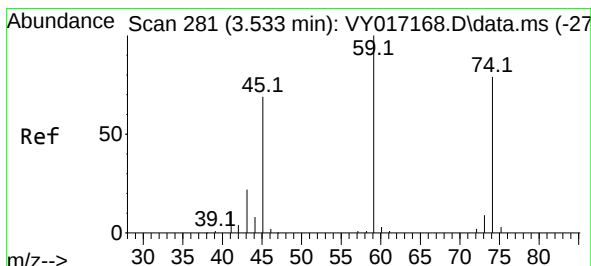
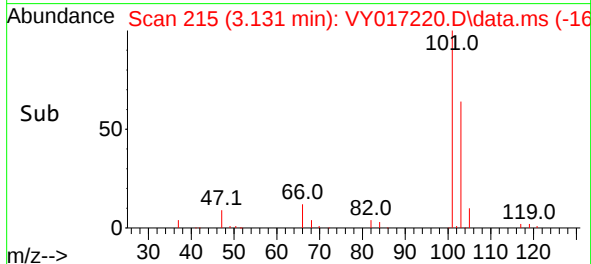
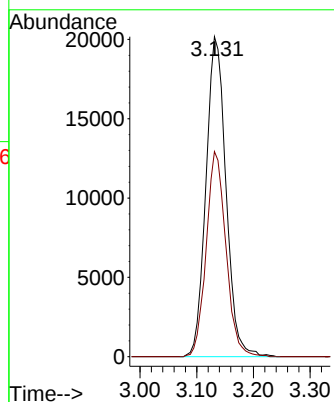
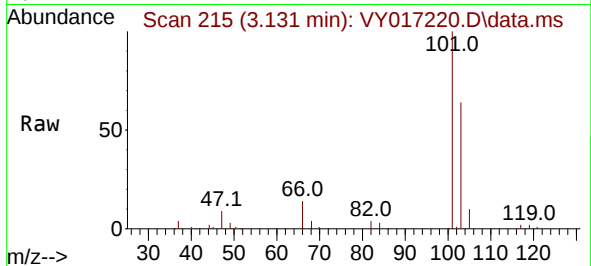




#7
 Trichlorofluoromethane
 Concen: 21.253 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY017220.D
 Acq: 05 Feb 2024 11:15

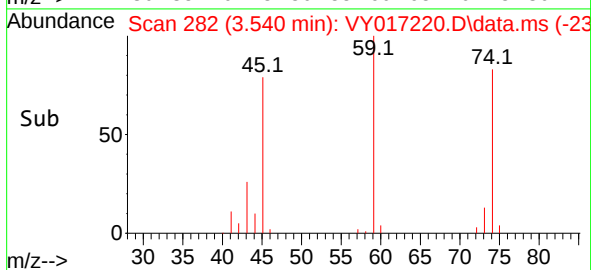
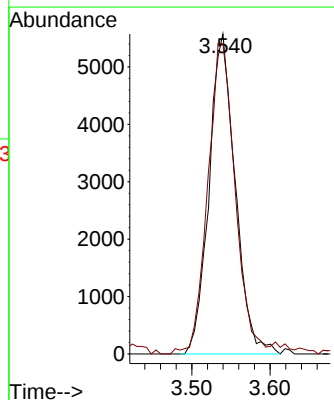
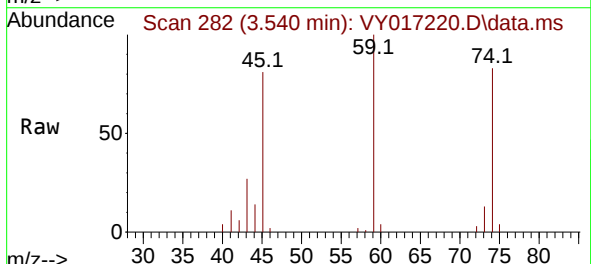
Instrument :
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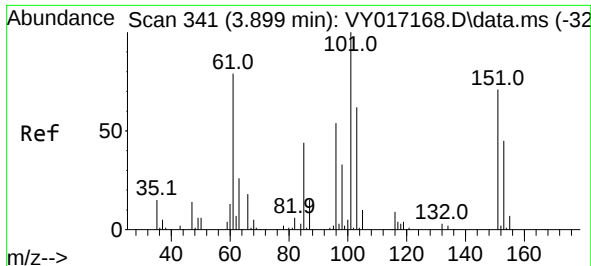
Tgt Ion:101 Resp: 49512
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.9 77.9



#8
 Diethyl Ether
 Concen: 17.671 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.006 min
 Lab File: VY017220.D
 Acq: 05 Feb 2024 11:15

Tgt Ion: 74 Resp: 12949
 Ion Ratio Lower Upper
 74 100
 45 101.9 47.9 143.7

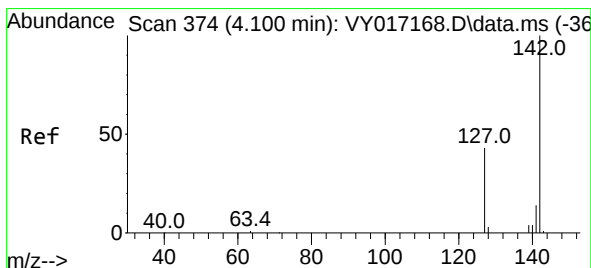
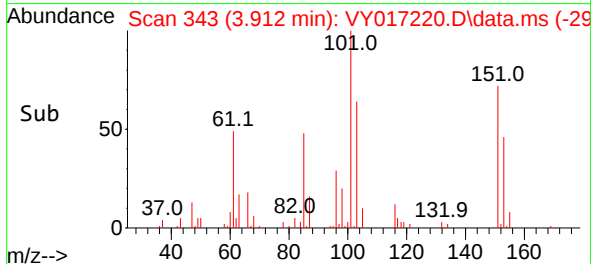
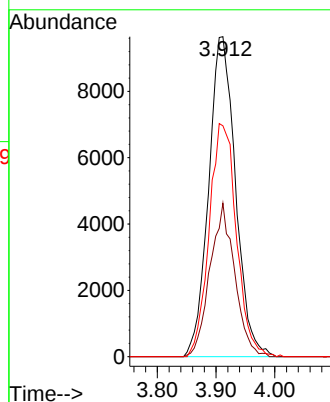
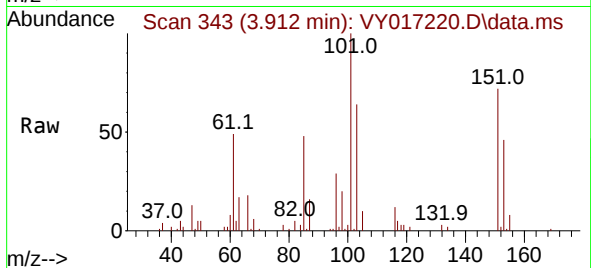




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.718 ug/l
RT: 3.912 min Scan# 341
Delta R.T. 0.013 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

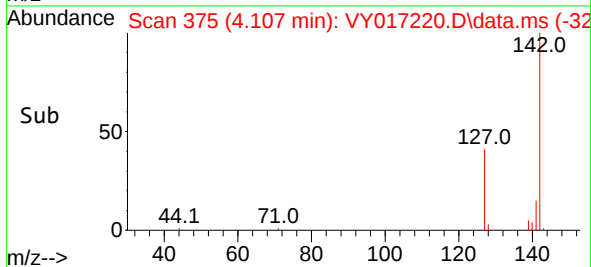
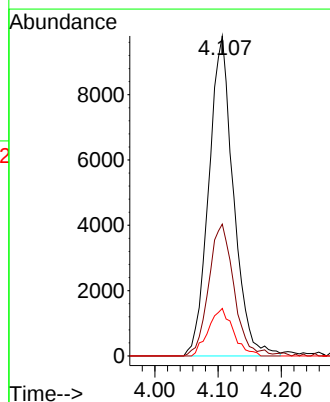
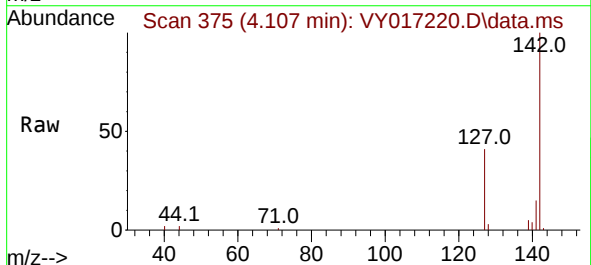
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

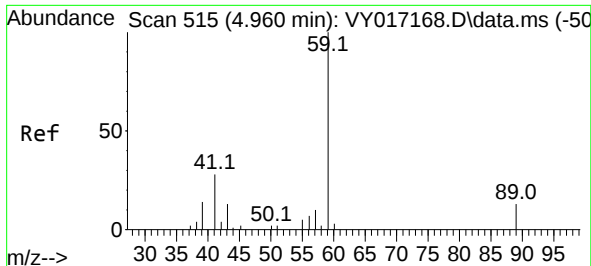
Tgt Ion:101 Resp: 30670
Ion Ratio Lower Upper
101 100
85 44.1 35.8 53.6
151 73.8 58.6 88.0



#10
Methyl Iodide
Concen: 17.872 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion:142 Resp: 26533
Ion Ratio Lower Upper
142 100
127 42.1 35.1 52.7
141 15.0 11.8 17.6

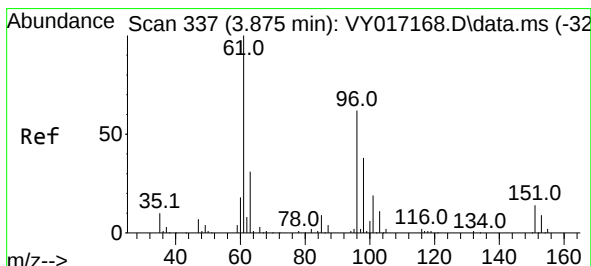
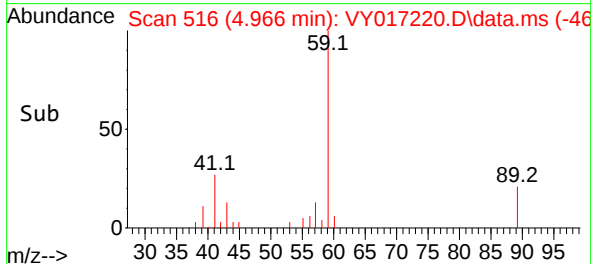
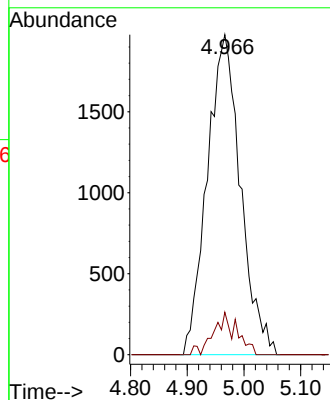
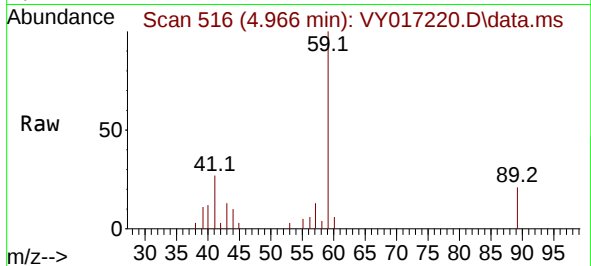




#11
Tert butyl alcohol
Concen: 66.380 ug/l
RT: 4.966 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

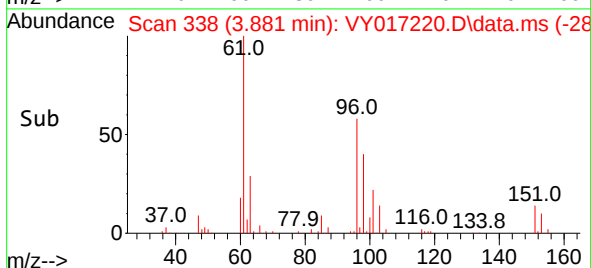
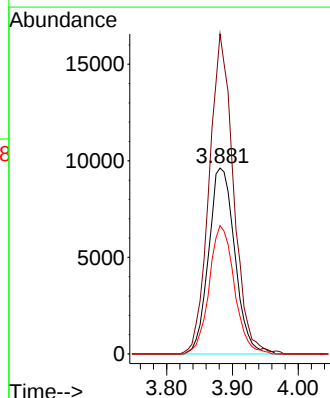
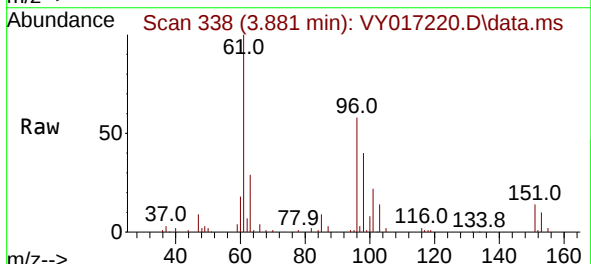
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

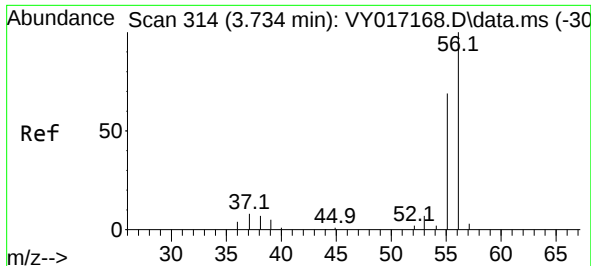
Tgt Ion: 59 Resp: 8057
Ion Ratio Lower Upper
59 100
57 5.9 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 20.165 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion: 96 Resp: 26683
Ion Ratio Lower Upper
96 100
61 172.2 124.2 186.2
98 69.0 52.6 79.0





#13

Acrolein

Concen: 93.634 ug/l

RT: 3.741 min Scan# 314

Delta R.T. 0.007 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

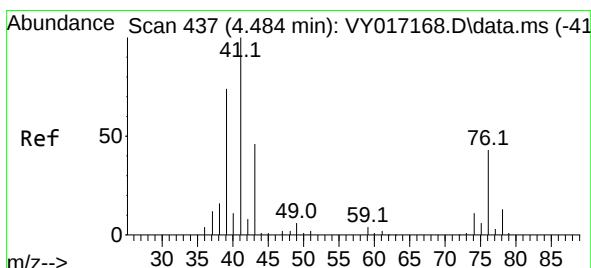
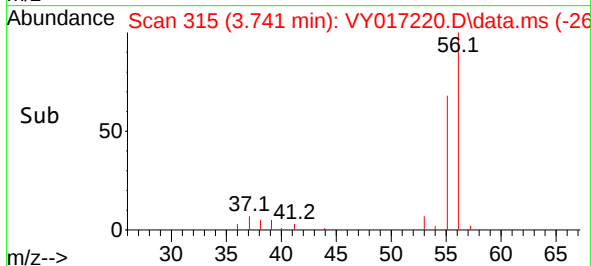
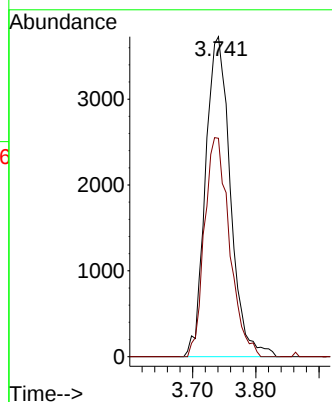
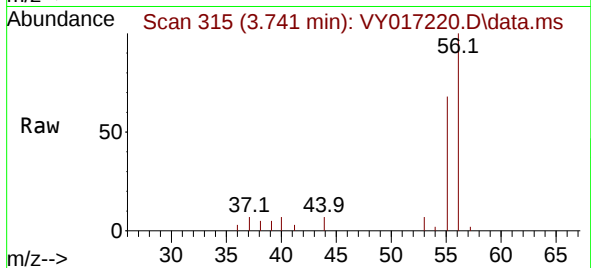
VY0205SBS01

Tgt Ion: 56 Resp: 10202

Ion Ratio Lower Upper

56 100

55 68.8 55.4 83.0



#14

Allyl chloride

Concen: 19.376 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

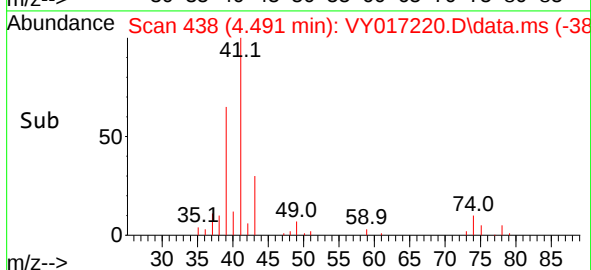
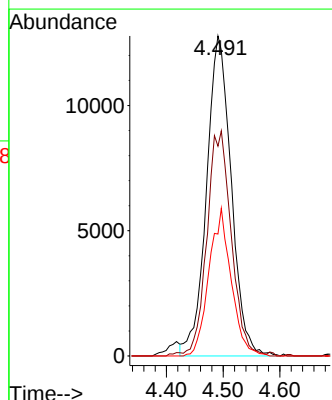
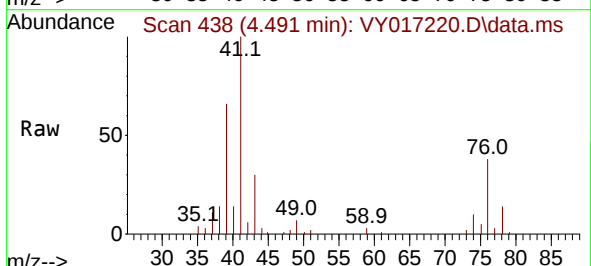
Tgt Ion: 41 Resp: 38761

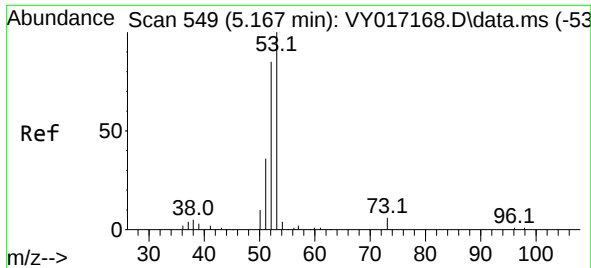
Ion Ratio Lower Upper

41 100

39 69.6 54.7 82.1

76 41.4 31.8 47.6

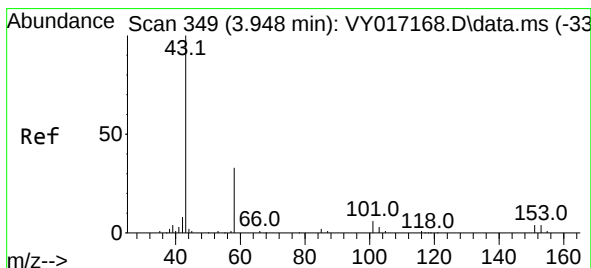
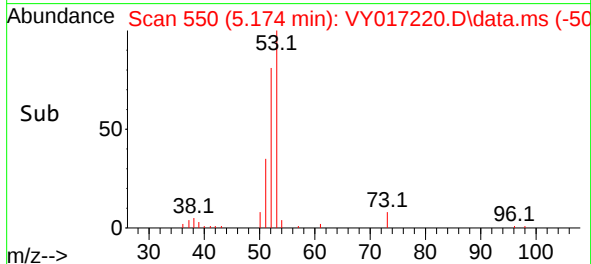
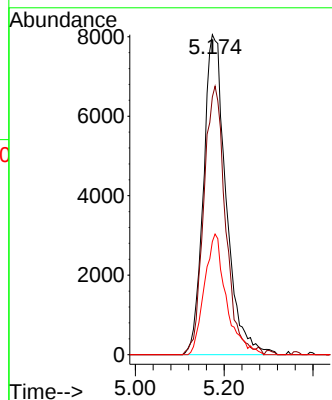
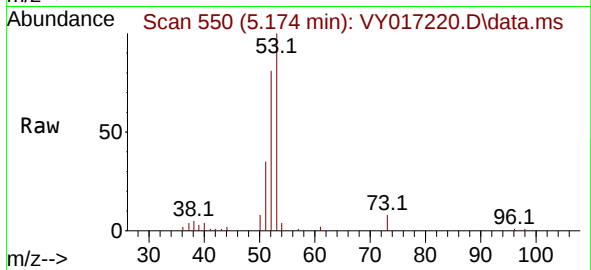




#15
Acrylonitrile
Concen: 86.502 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

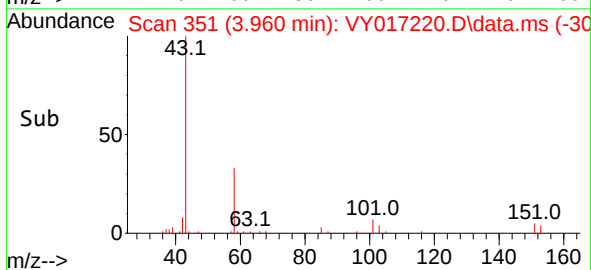
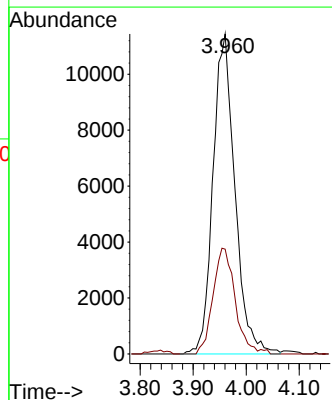
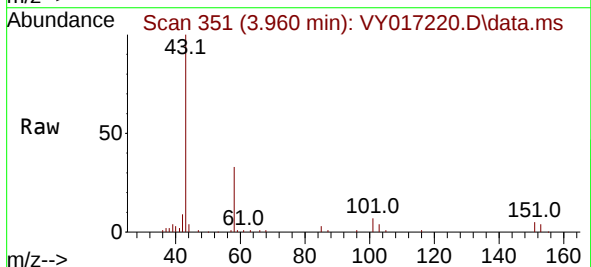
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

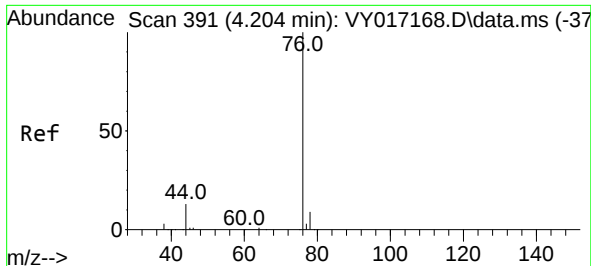
Tgt Ion: 53	Resp: 28540
Ion Ratio	Lower Upper
53	100
52	80.6 65.1 97.7
51	36.4 29.0 43.4



#16
Acetone
Concen: 91.656 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.013 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion: 43	Resp: 32853
Ion Ratio	Lower Upper
43	100
58	32.7 26.6 39.8





#17

Carbon Disulfide

Concen: 19.276 ug/l

RT: 4.210 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

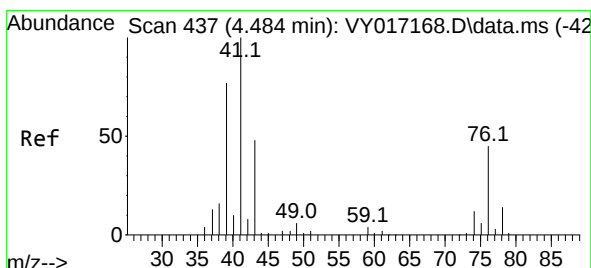
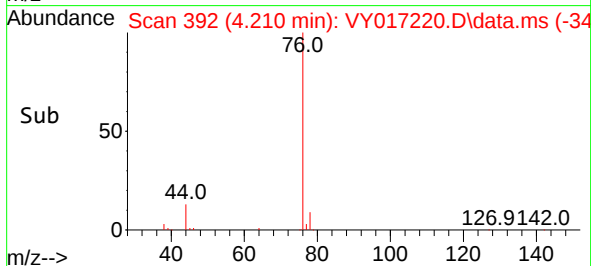
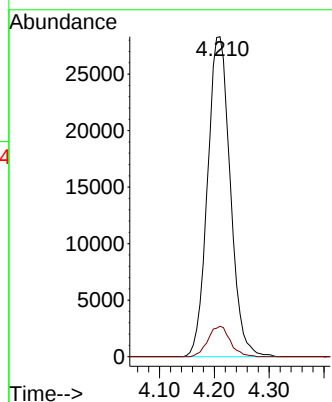
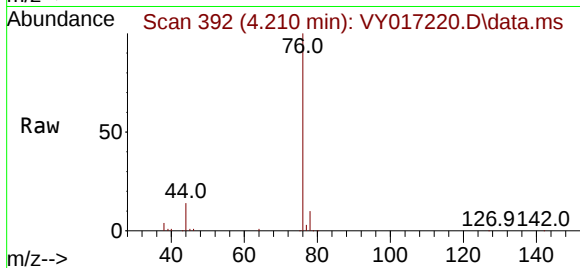
VY0205SBS01

Tgt Ion: 76 Resp: 81423

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0



#18

Methyl Acetate

Concen: 15.158 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY017220.D

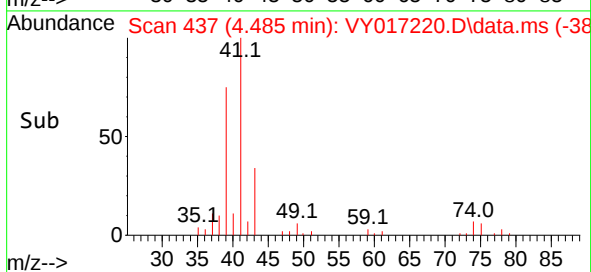
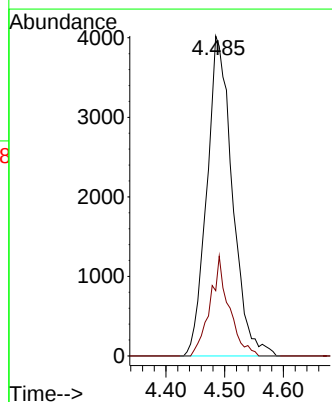
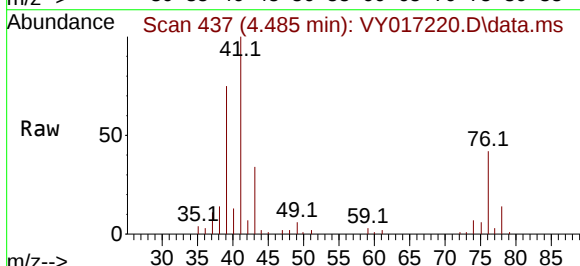
Acq: 05 Feb 2024 11:15

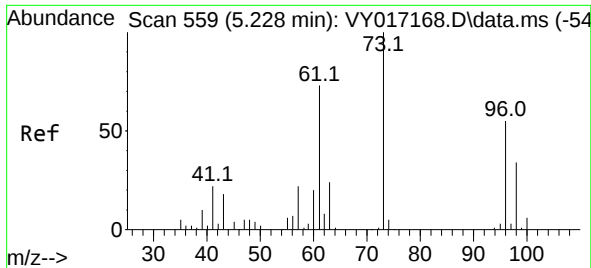
Tgt Ion: 43 Resp: 12121

Ion Ratio Lower Upper

43 100

74 23.5 19.8 29.6

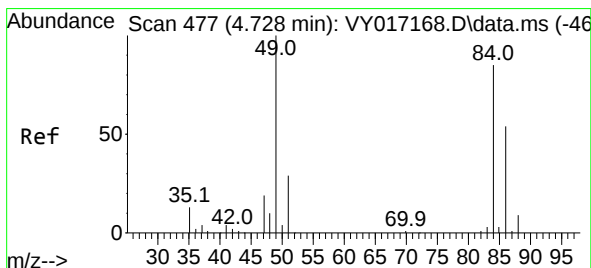
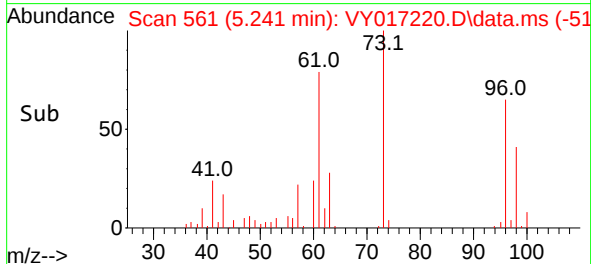
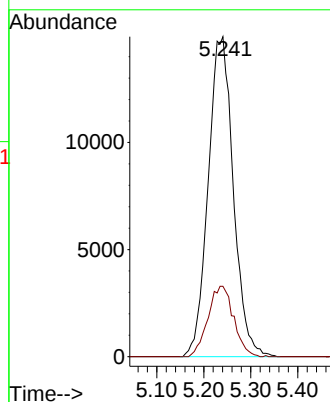
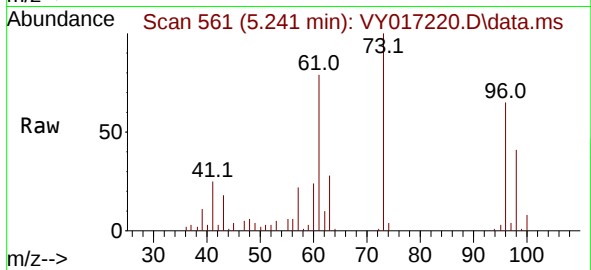




#19
Methyl tert-butyl Ether
Concen: 17.442 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

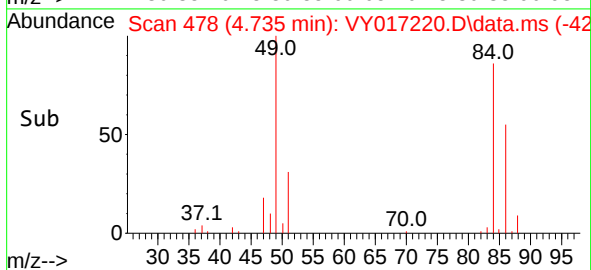
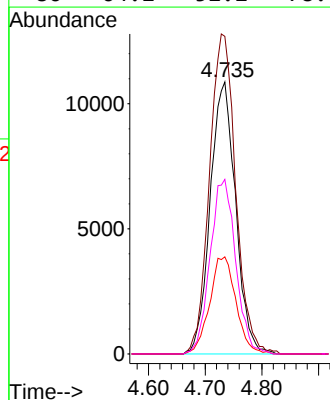
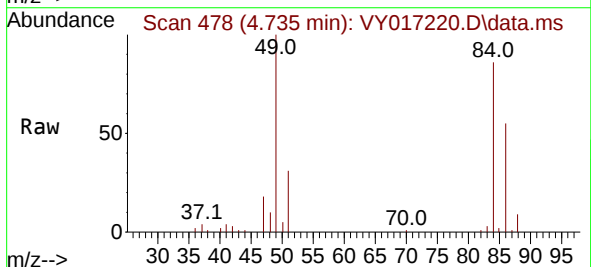
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

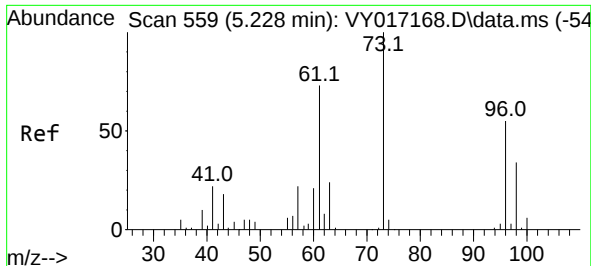
Tgt Ion: 73 Resp: 55586
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 20.989 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.007 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion: 84 Resp: 33797
Ion Ratio Lower Upper
84 100
49 116.8 95.2 142.8
51 35.7 29.9 44.9
86 64.2 52.2 78.4

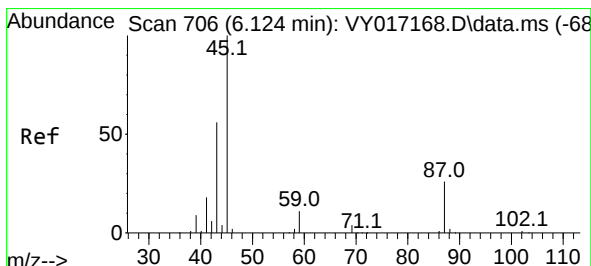
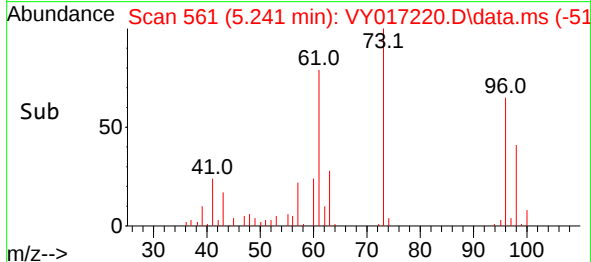
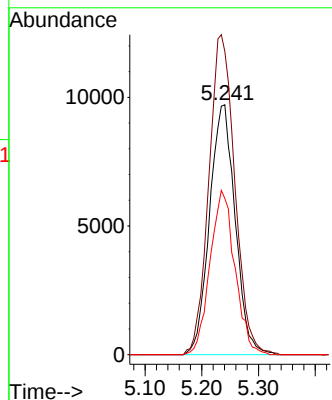
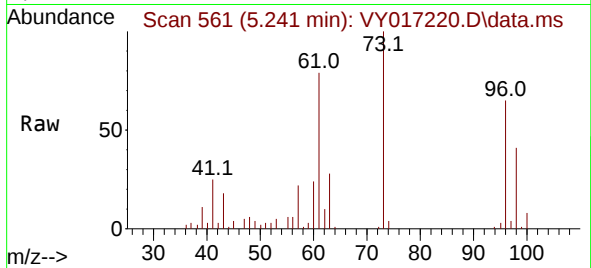




#21
trans-1,2-Dichloroethene
Concen: 20.273 ug/l
RT: 5.241 min Scan# 501
Delta R.T. 0.013 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

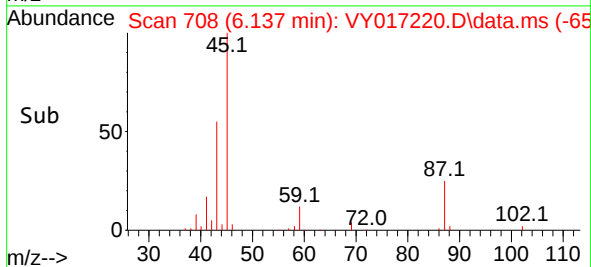
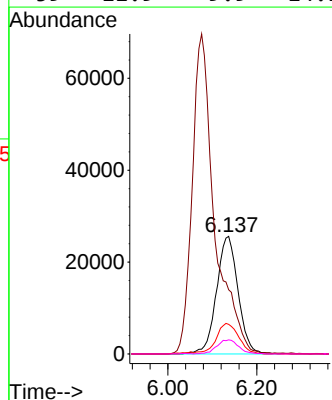
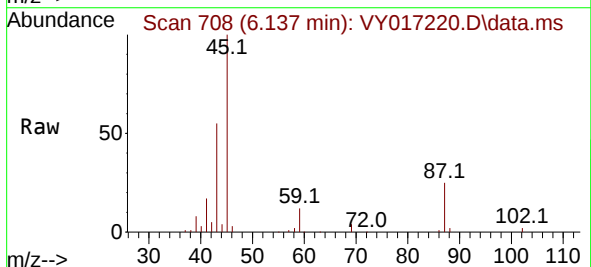
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

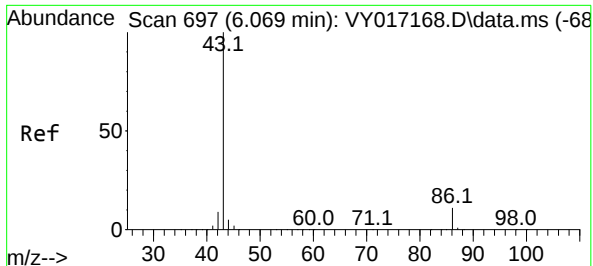
Tgt Ion: 96 Resp: 30518
Ion Ratio Lower Upper
96 100
61 121.3 104.6 156.8
98 62.5 50.9 76.3



#22
Diisopropyl ether
Concen: 19.575 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.013 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion: 45 Resp: 85994
Ion Ratio Lower Upper
45 100
43 54.0 46.8 70.2
87 25.2 22.2 33.2
59 11.9 9.9 14.9

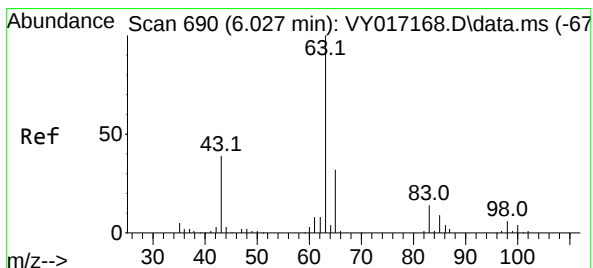
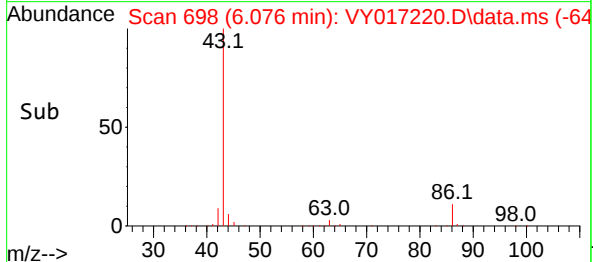
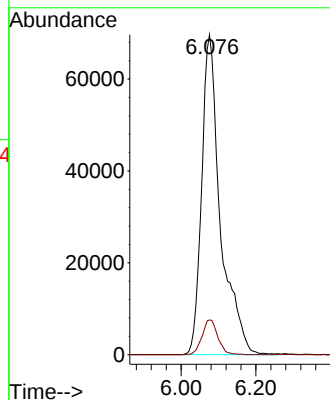
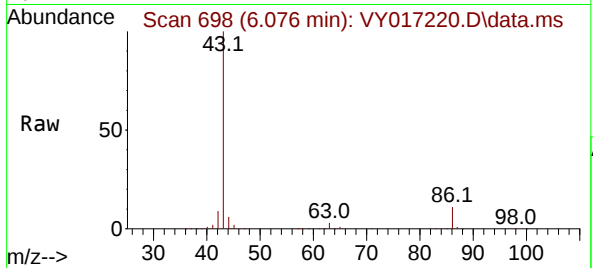




#23
 Vinyl Acetate
 Concen: 91.275 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY017220.D
 Acq: 05 Feb 2024 11:15

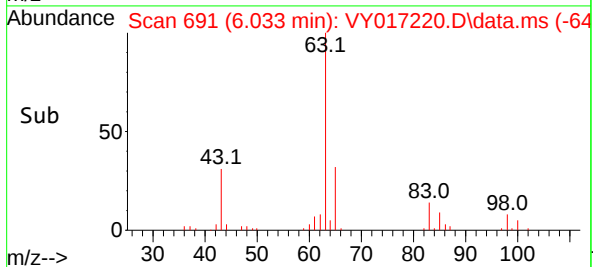
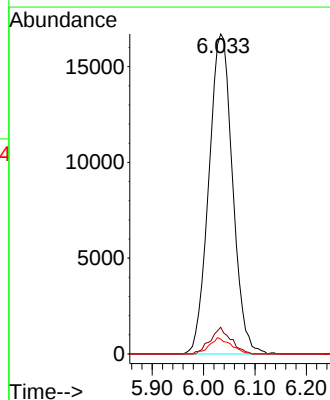
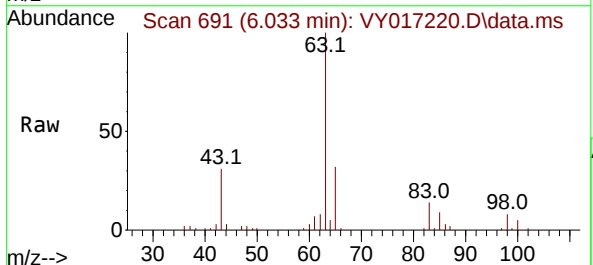
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

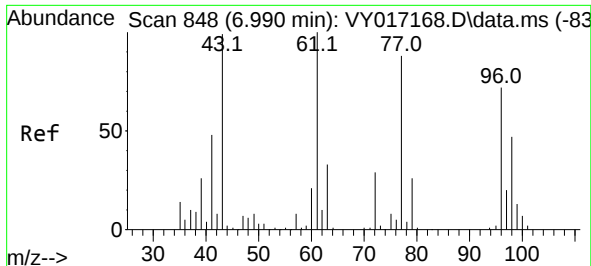
Tgt Ion: 43 Resp: 242963
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.910 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY017220.D
 Acq: 05 Feb 2024 11:15

Tgt Ion: 63 Resp: 53582
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.8 11.4
 100 4.7 2.1 6.2





#25

2-Butanone

Concen: 86.128 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.013 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

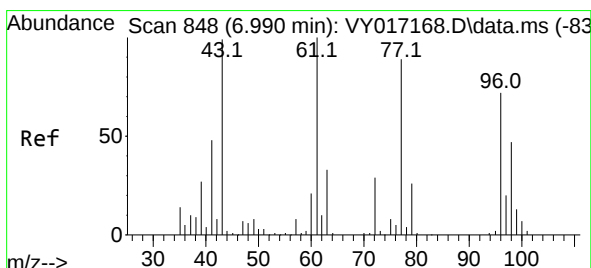
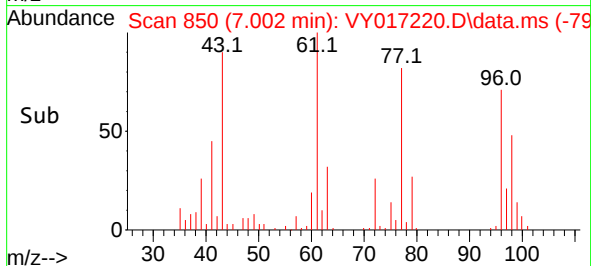
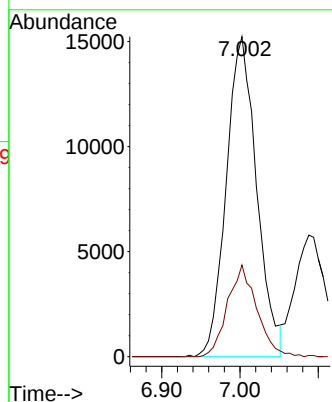
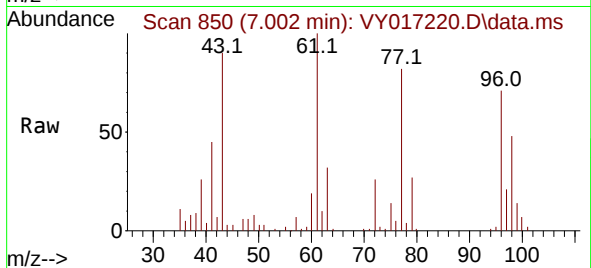
VY0205SBS01

Tgt Ion: 43 Resp: 41040

Ion Ratio Lower Upper

43 100

72 28.6 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.877 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017220.D

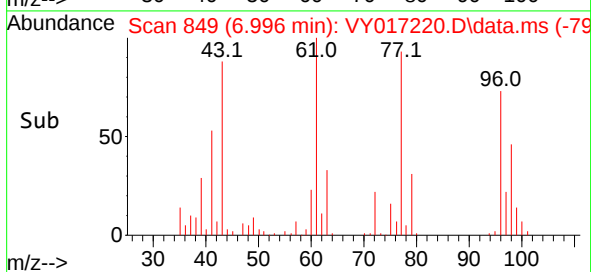
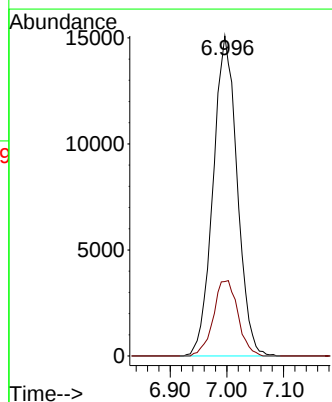
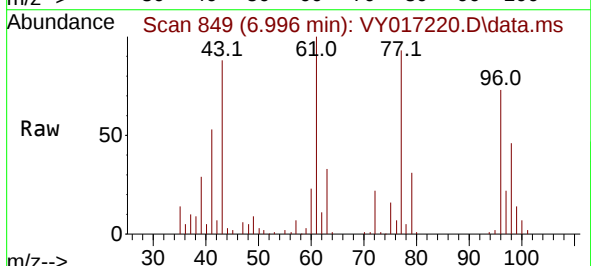
Acq: 05 Feb 2024 11:15

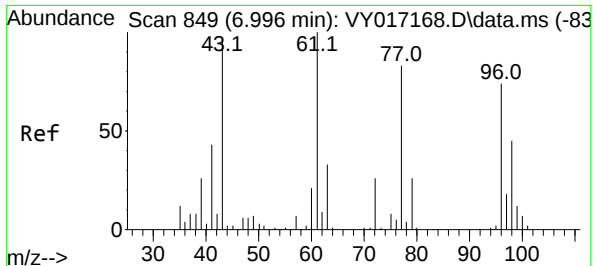
Tgt Ion: 77 Resp: 44494

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.058 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

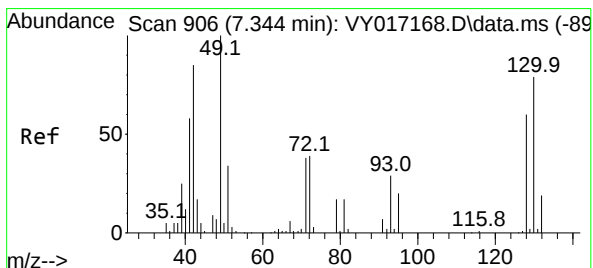
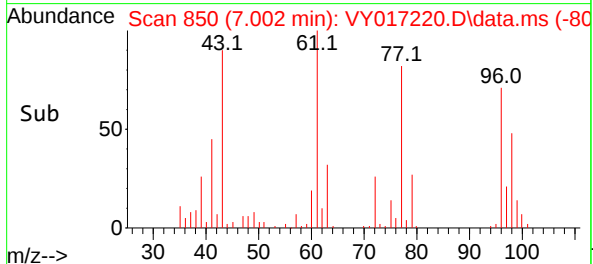
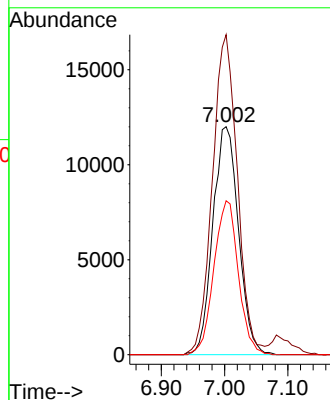
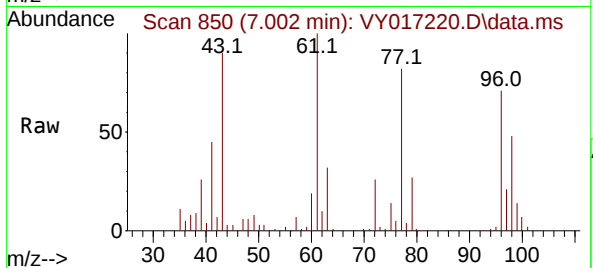
Tgt Ion: 96 Resp: 33770

Ion Ratio Lower Upper

96 100

61 136.6 0.0 278.8

98 64.4 0.0 127.0



#28

Bromochloromethane

Concen: 16.972 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

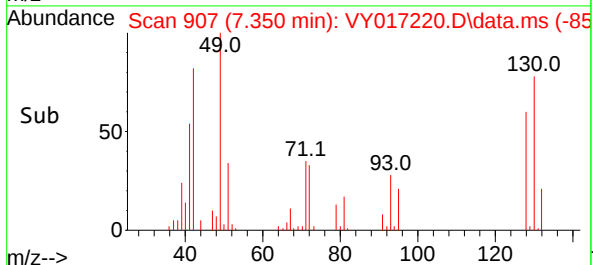
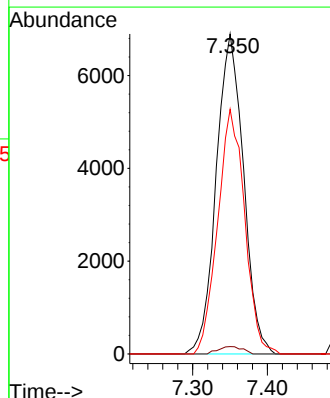
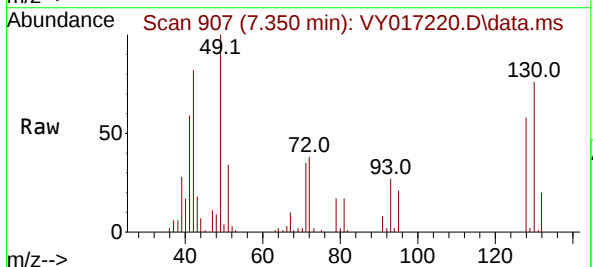
Tgt Ion: 49 Resp: 17489

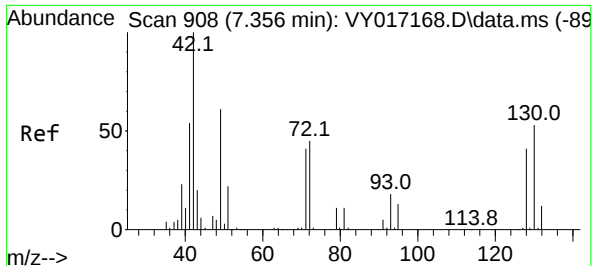
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 75.6 59.8 89.8





#29

Tetrahydrofuran

Concen: 80.970 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.013 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

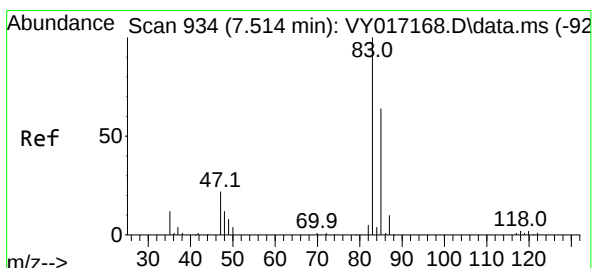
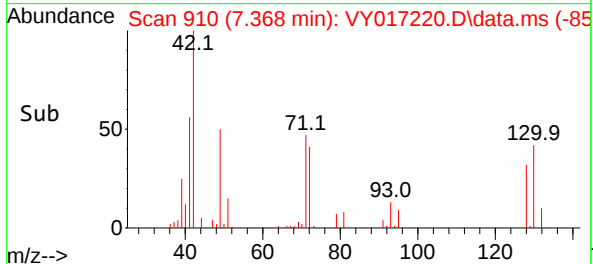
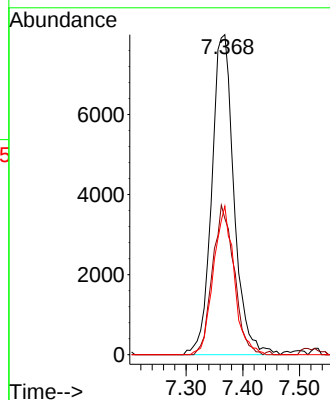
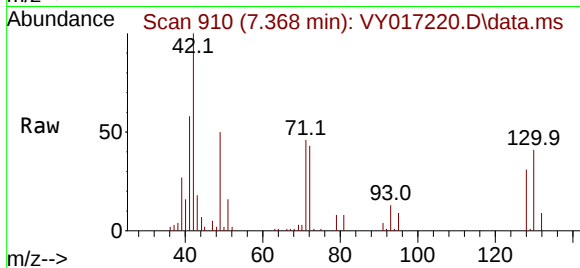
Tgt Ion: 42 Resp: 21795

Ion Ratio Lower Upper

42 100

72 45.3 36.6 54.8

71 43.3 33.8 50.6



#30

Chloroform

Concen: 20.187 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY017220.D

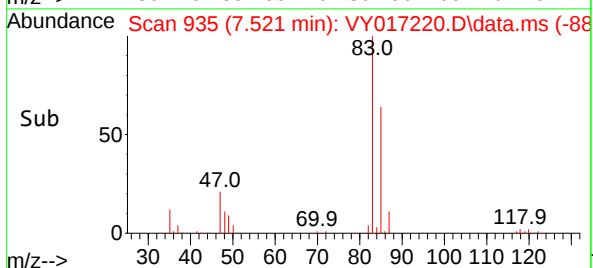
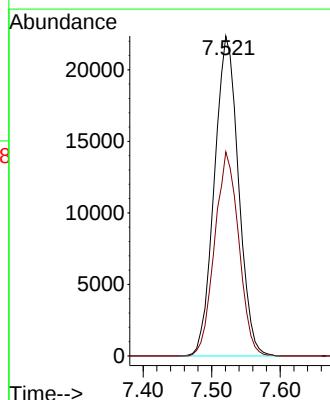
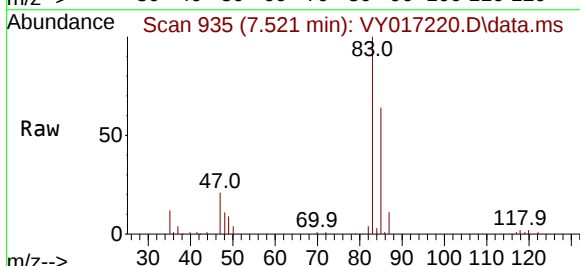
Acq: 05 Feb 2024 11:15

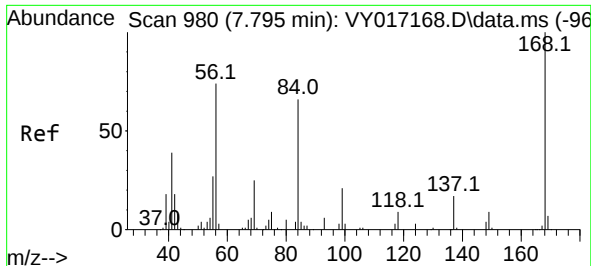
Tgt Ion: 83 Resp: 54650

Ion Ratio Lower Upper

83 100

85 63.8 51.2 76.8

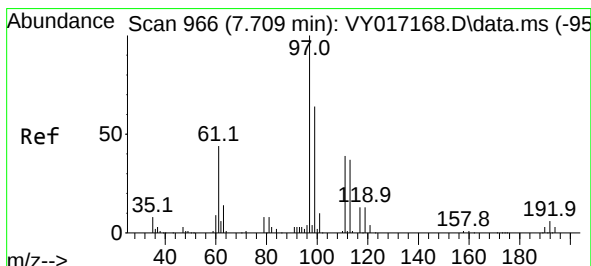
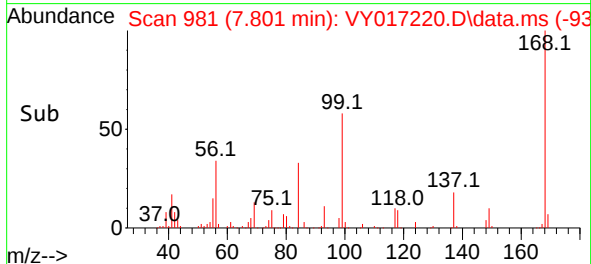
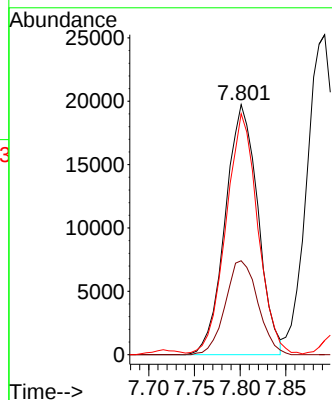
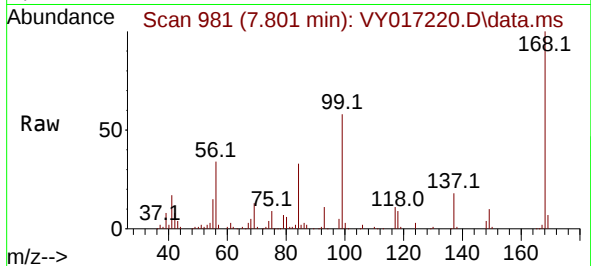




#31
Cyclohexane
Concen: 19.972 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

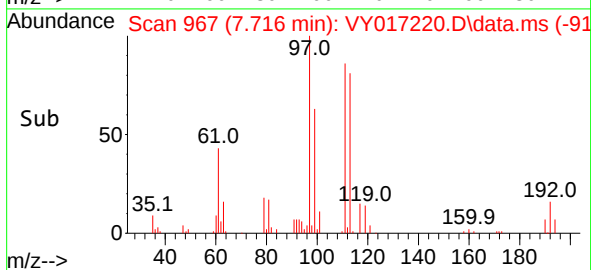
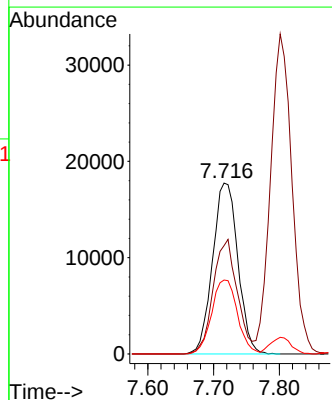
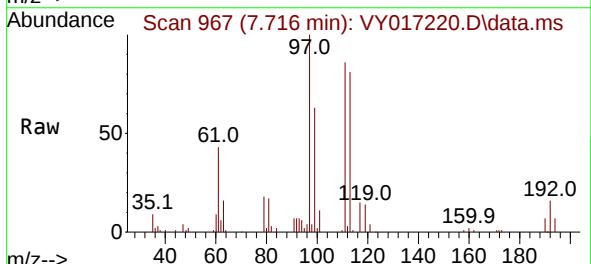
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

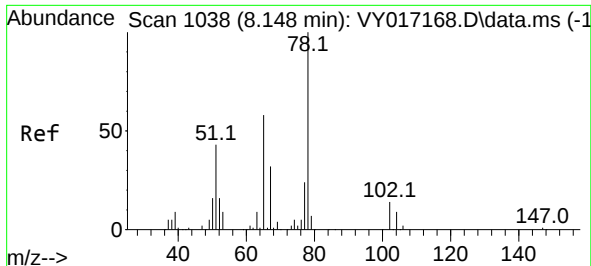
Tgt Ion: 56 Resp: 49094
Ion Ratio Lower Upper
56 100
69 37.6 27.0 40.6
84 95.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.369 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion: 97 Resp: 47433
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 44.1 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 46.954 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

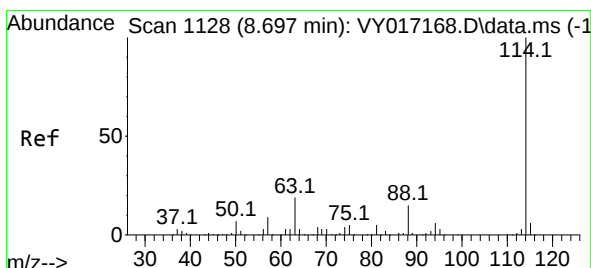
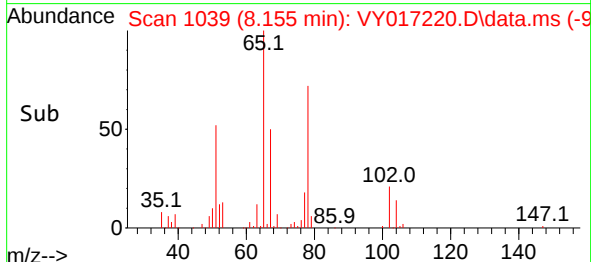
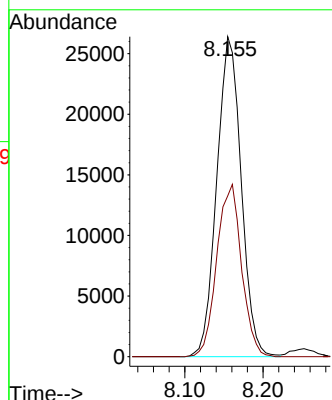
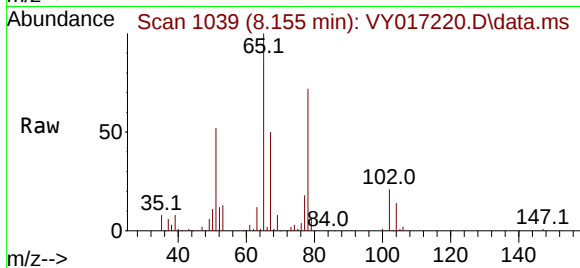
VY0205SBS01

Tgt Ion: 65 Resp: 57262

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

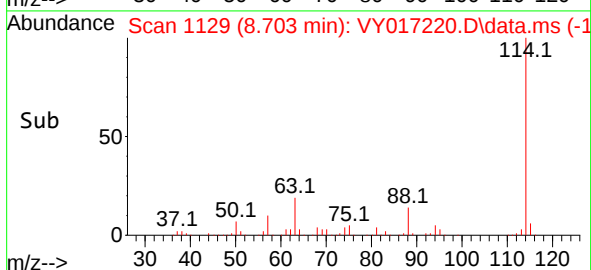
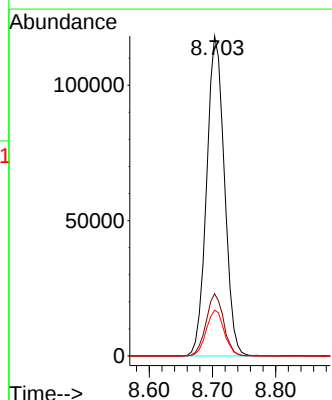
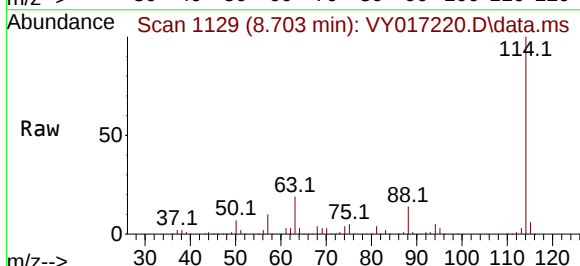
Tgt Ion: 114 Resp: 230765

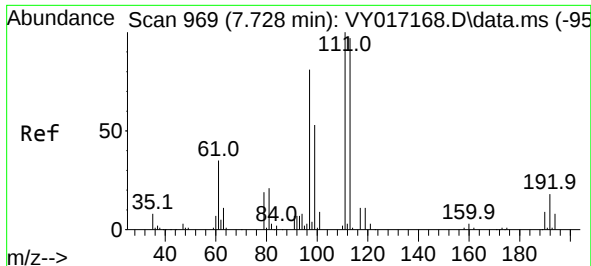
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.3 0.0 29.0

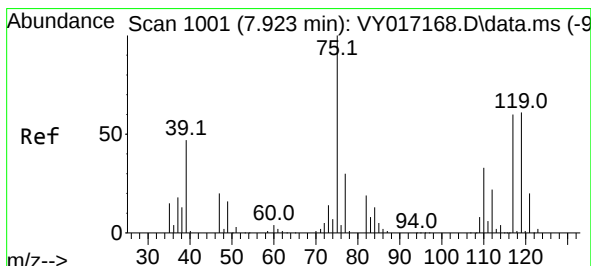
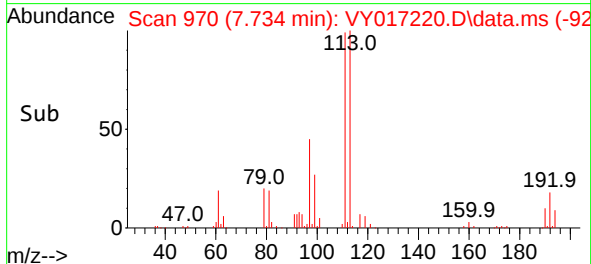
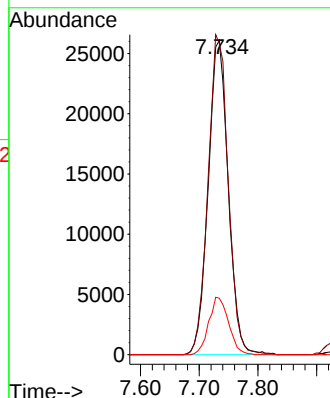
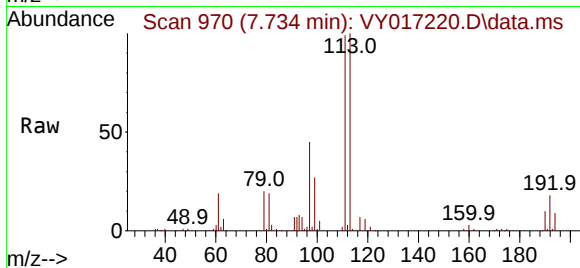




#35
Dibromofluoromethane
Concen: 49.603 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

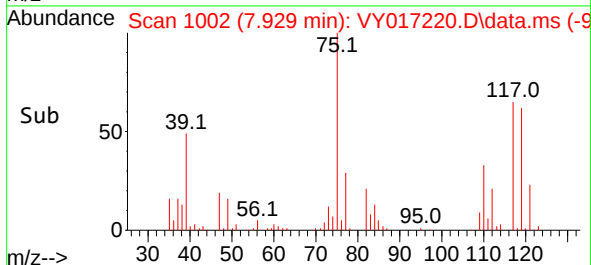
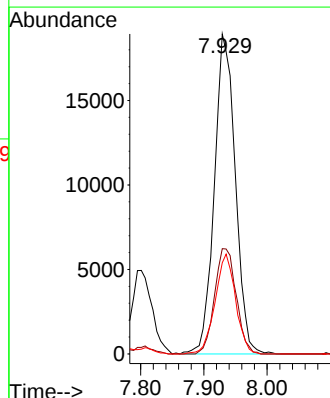
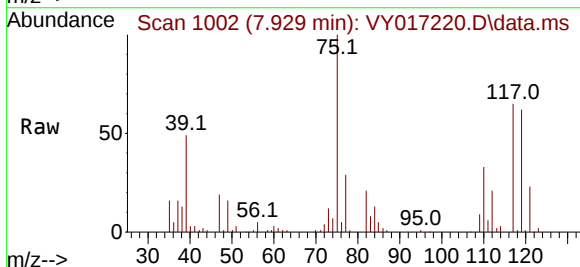
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

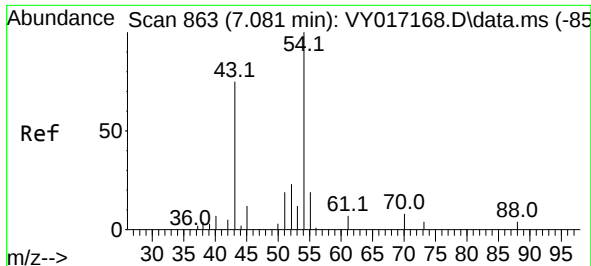
Tgt Ion:113 Resp: 61805
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 18.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 20.243 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion: 75 Resp: 43507
Ion Ratio Lower Upper
75 100
110 33.9 17.4 52.3
77 30.5 24.7 37.1

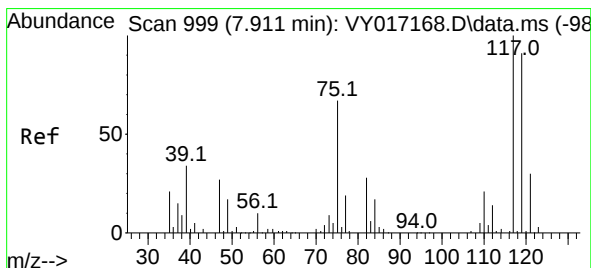
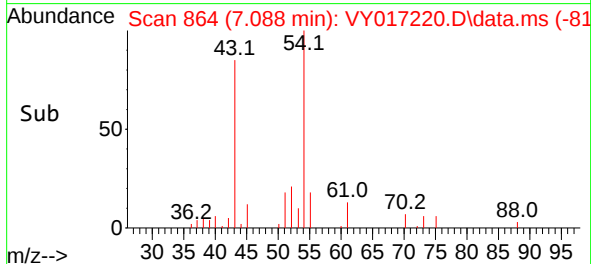
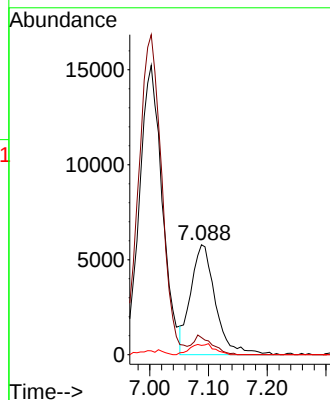
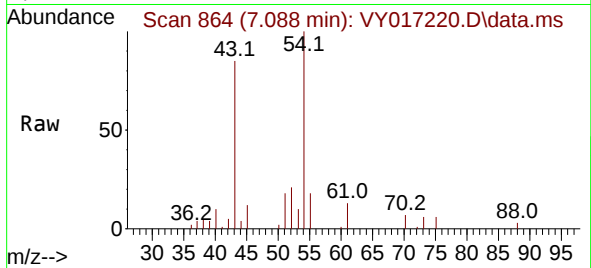




#37
Ethyl Acetate
Concen: 16.972 ug/l
RT: 7.088 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

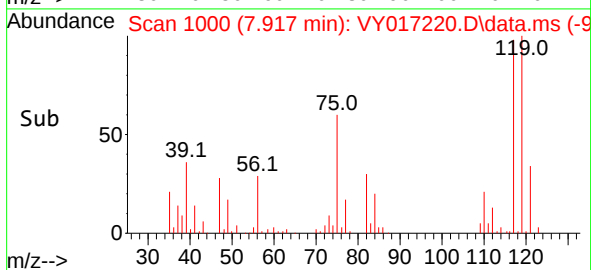
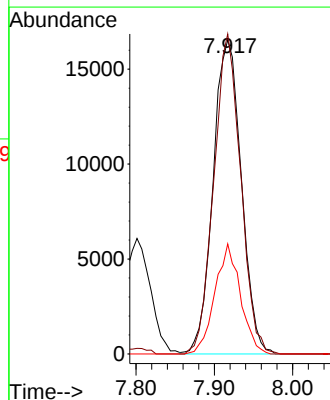
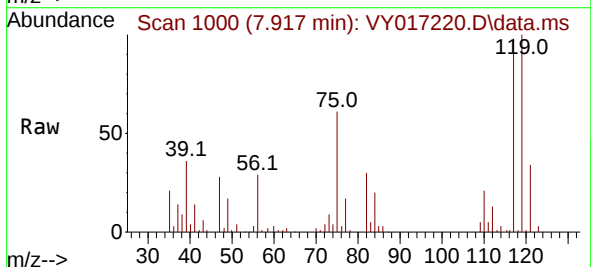
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

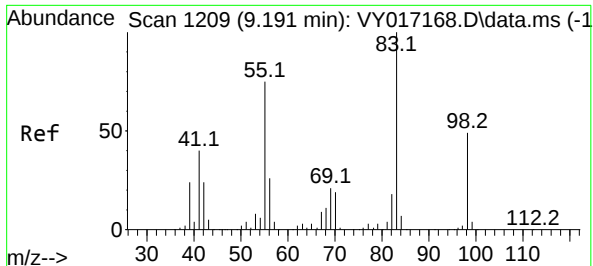
Tgt Ion: 43 Resp: 16918
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.6
70 9.4 8.1 12.1



#38
Carbon Tetrachloride
Concen: 20.147 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion: 117 Resp: 41458
Ion Ratio Lower Upper
117 100
119 101.9 76.0 114.0
121 35.1 24.2 36.2





#39

Methylcyclohexane

Concen: 20.183 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

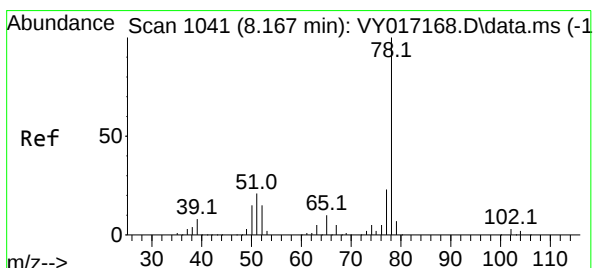
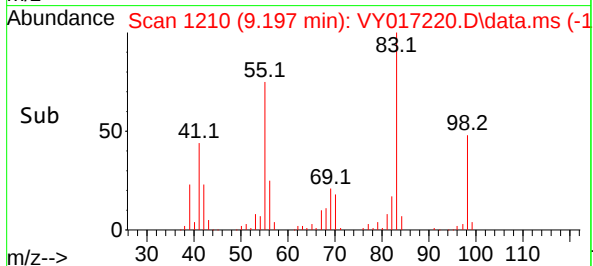
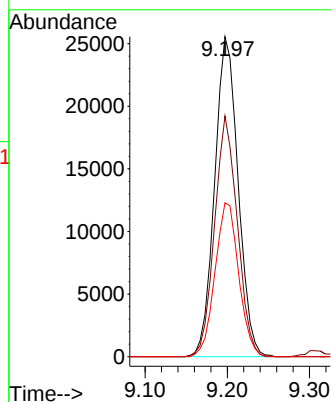
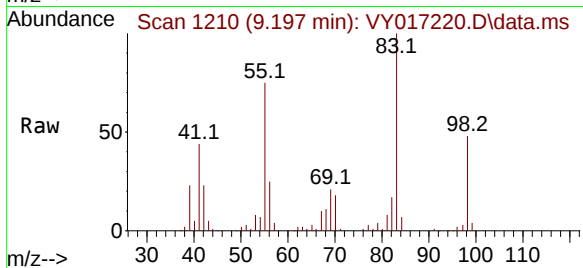
Tgt Ion: 83 Resp: 50676

Ion Ratio Lower Upper

83 100

55 75.2 59.7 89.5

98 48.1 38.0 57.0



#40

Benzene

Concen: 20.203 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY017220.D

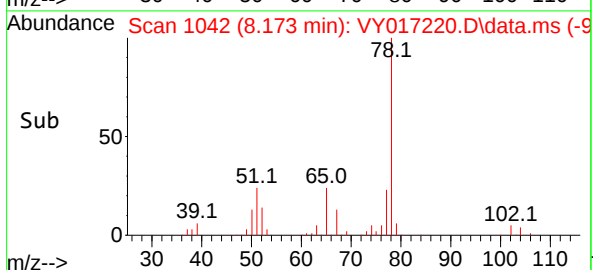
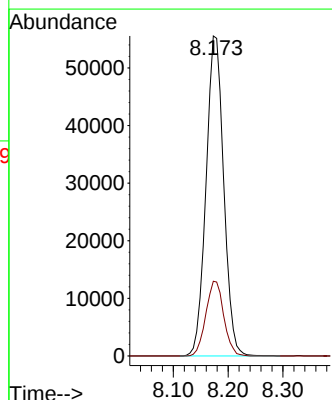
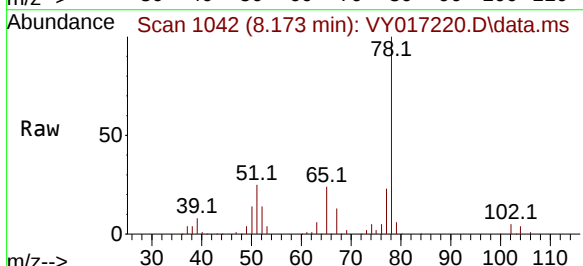
Acq: 05 Feb 2024 11:15

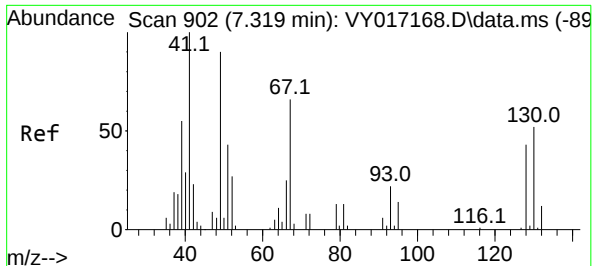
Tgt Ion: 78 Resp: 123996

Ion Ratio Lower Upper

78 100

77 23.4 18.8 28.2

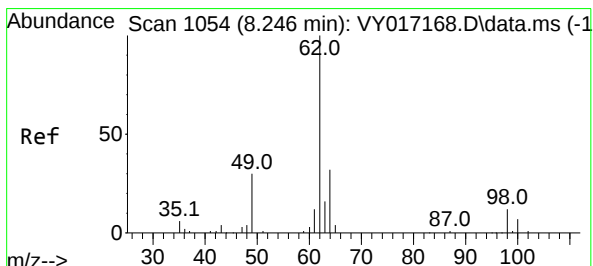
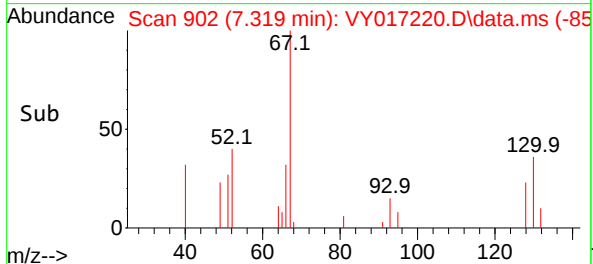
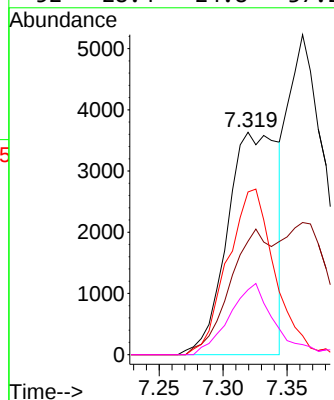
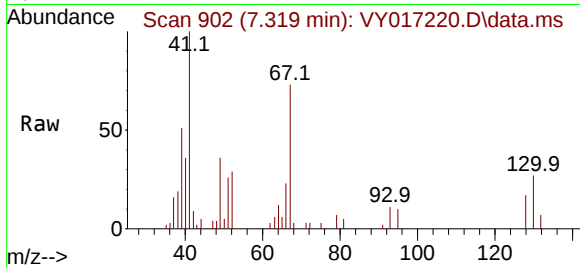




#41
Methacrylonitrile
Concen: 21.262 ug/l m
RT: 7.319 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

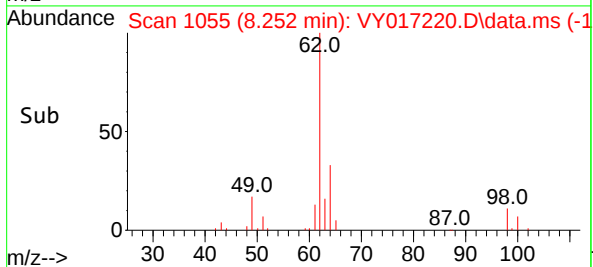
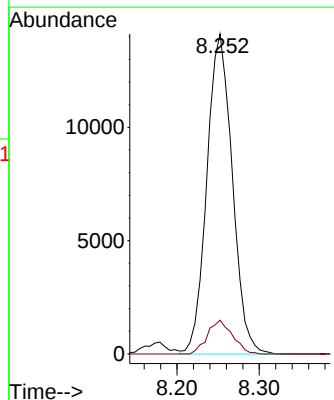
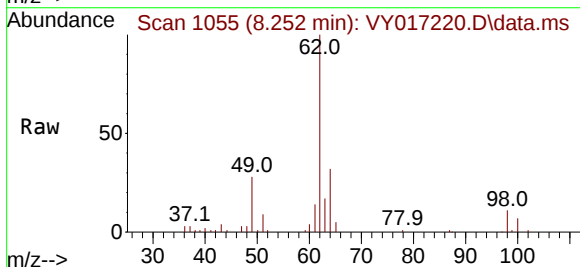
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

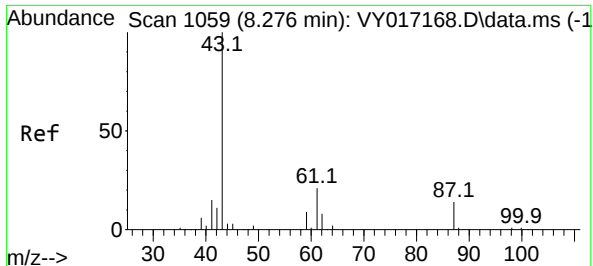
Tgt Ion: 41	Resp: 10042
Ion Ratio	Lower Upper
41 100	
39 45.4	41.9 62.9
67 69.0	59.8 89.6
52 28.4	24.8 37.2



#42
1,2-Dichloroethane
Concen: 18.677 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion: 62	Resp: 30351
Ion Ratio	Lower Upper
62 100	
98 10.3	0.0 20.2

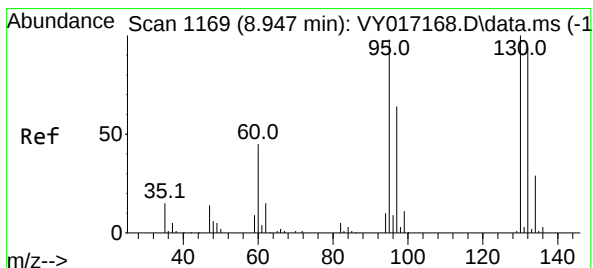
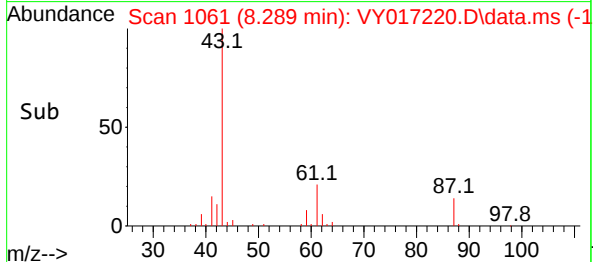
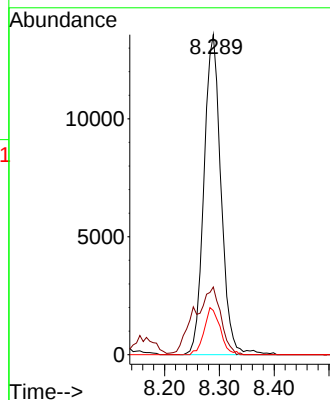
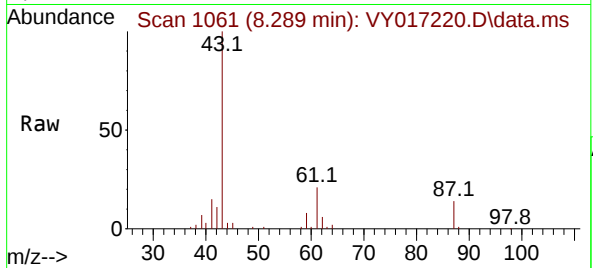




#43
Isopropyl Acetate
Concen: 16.569 ug/l
RT: 8.289 min Scan# 1170
Delta R.T. 0.013 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

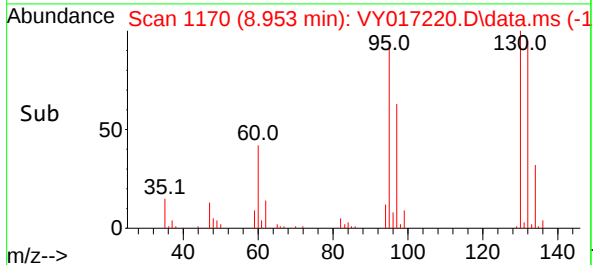
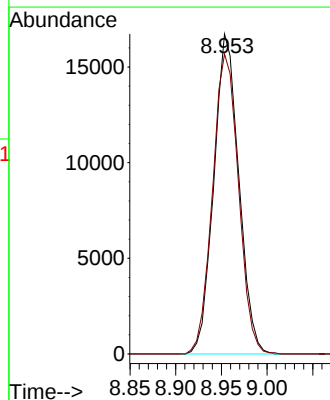
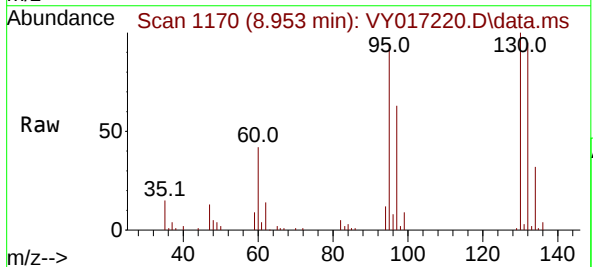
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

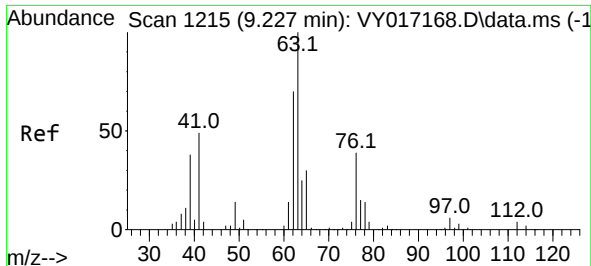
Tgt Ion: 43 Resp: 29238
Ion Ratio Lower Upper
43 100
61 32.7 24.8 37.2
87 13.8 10.7 16.1



#44
Trichloroethene
Concen: 20.408 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion:130 Resp: 31795
Ion Ratio Lower Upper
130 100
95 93.7 0.0 203.8





#45

1,2-Dichloropropane

Concen: 19.853 ug/l

RT: 9.234 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

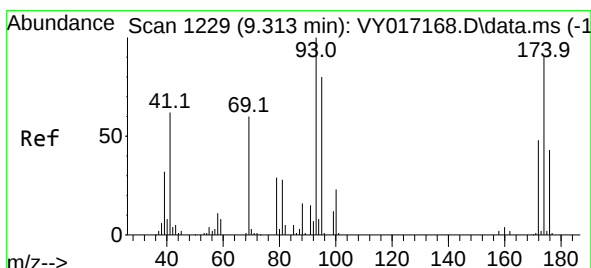
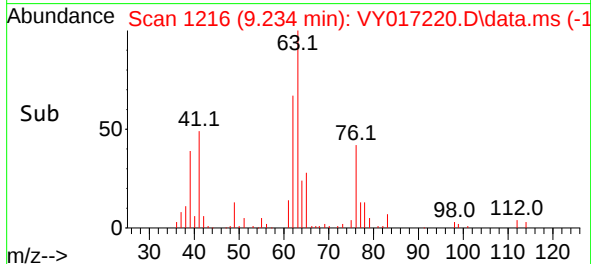
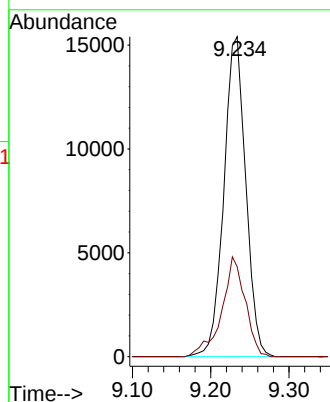
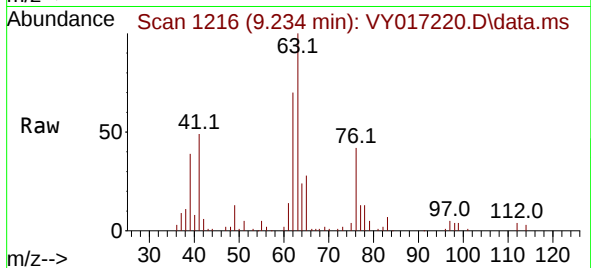
VY0205SBS01

Tgt Ion: 63 Resp: 29930

Ion Ratio Lower Upper

63 100

65 28.1 24.6 36.8



#46

Dibromomethane

Concen: 18.472 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

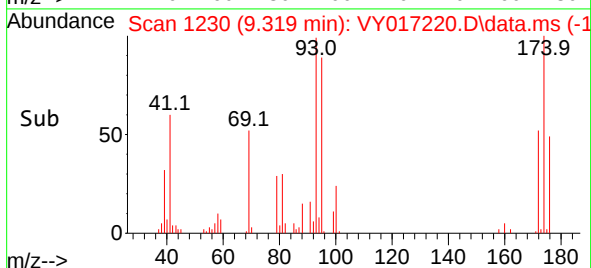
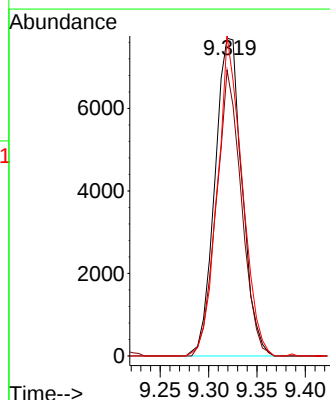
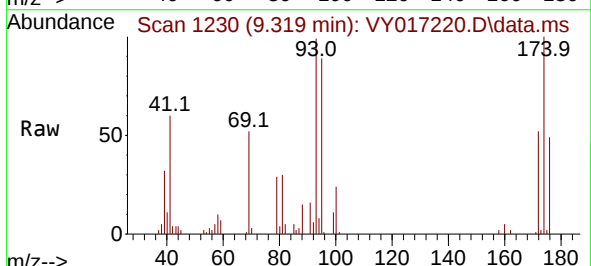
Tgt Ion: 93 Resp: 15043

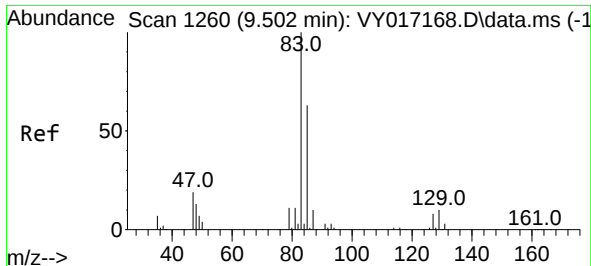
Ion Ratio Lower Upper

93 100

95 82.8 66.6 99.8

174 92.0 73.8 110.6





#47

Bromodichloromethane

Concen: 19.323 ug/l

RT: 9.514 min Scan# 1262

Delta R.T. 0.013 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

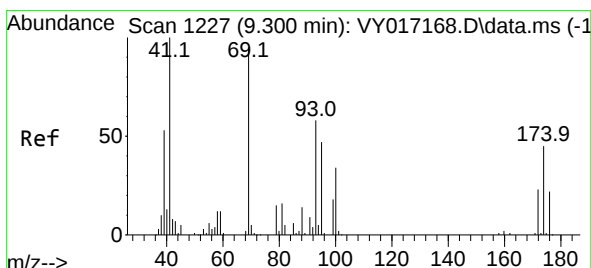
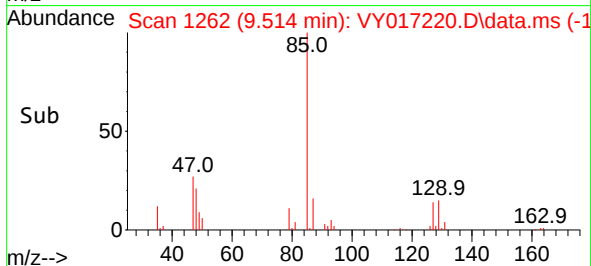
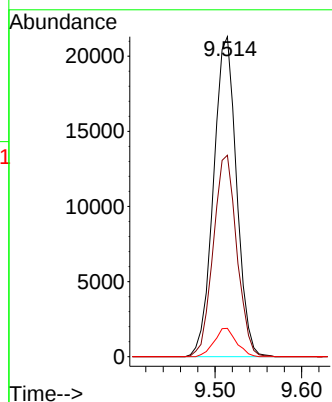
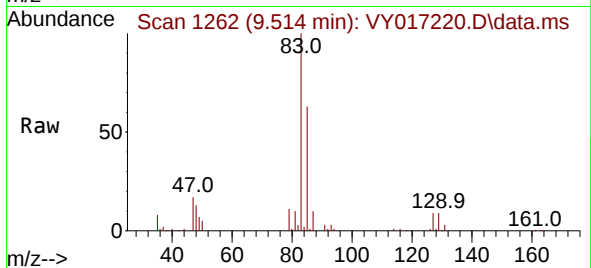
Tgt Ion: 83 Resp: 39381

Ion Ratio Lower Upper

83 100

85 63.0 53.2 79.8

127 8.9 6.4 9.6



#48

Methyl methacrylate

Concen: 16.577 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

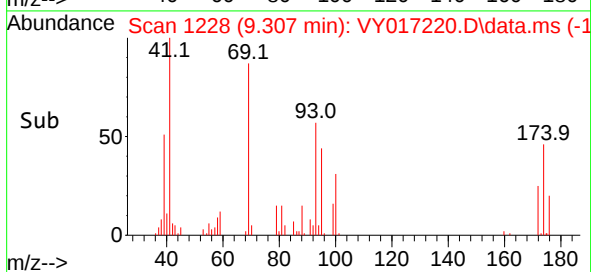
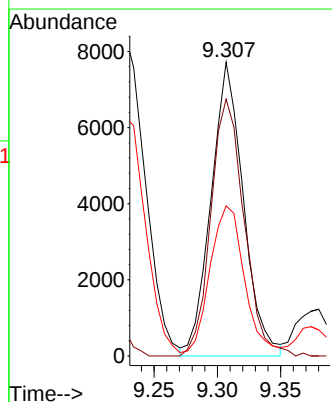
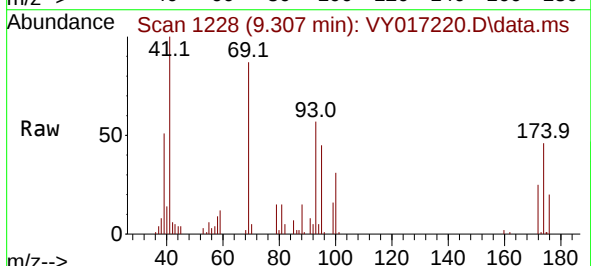
Tgt Ion: 41 Resp: 13721

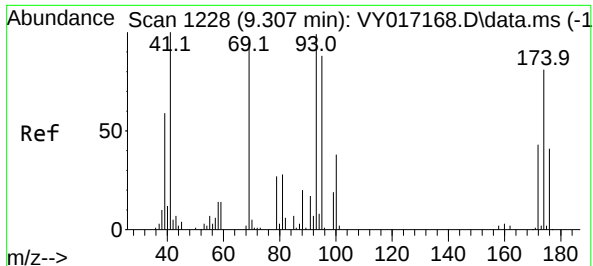
Ion Ratio Lower Upper

41 100

69 89.9 72.1 108.1

39 52.6 42.8 64.2





#49

1,4-Dioxane

Concen: 332.025 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

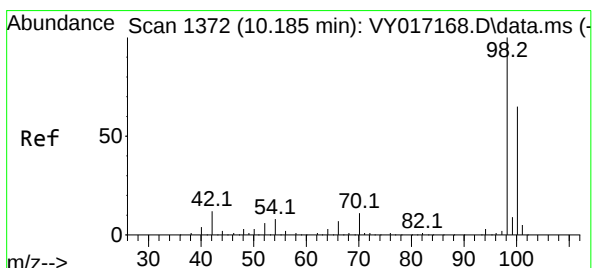
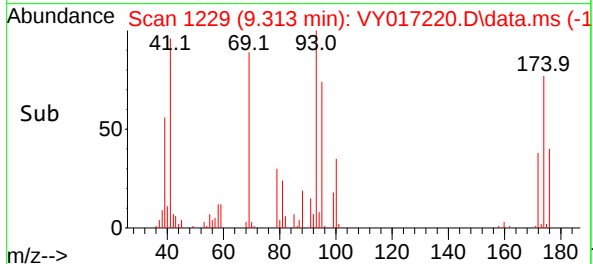
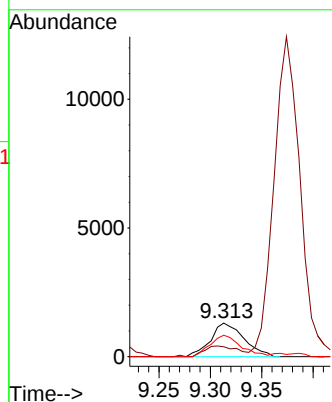
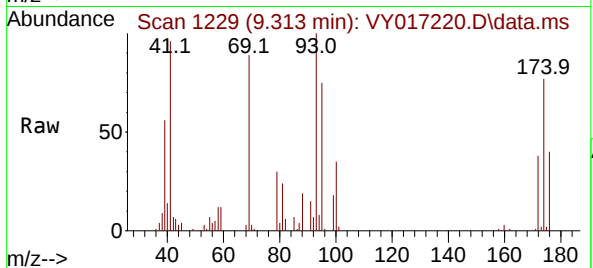
Tgt Ion: 88 Resp: 2943

Ion Ratio Lower Upper

88 100

43 33.0 28.2 42.4

58 58.7 52.2 78.2



#50

Toluene-d8

Concen: 51.656 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.013 min

Lab File: VY017220.D

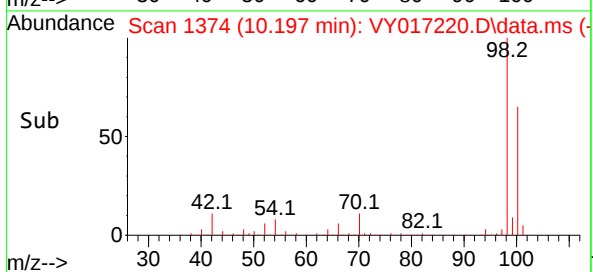
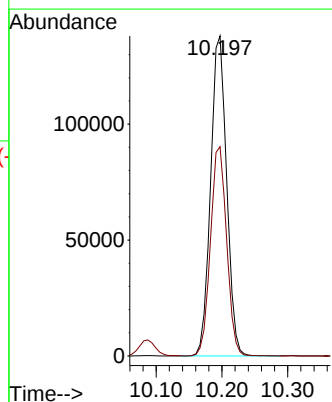
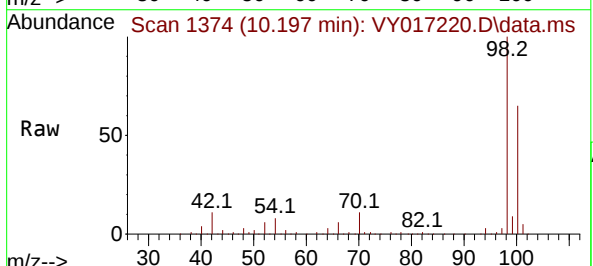
Acq: 05 Feb 2024 11:15

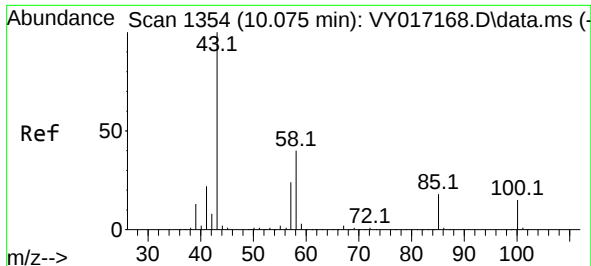
Tgt Ion: 98 Resp: 234337

Ion Ratio Lower Upper

98 100

100 66.0 52.3 78.5

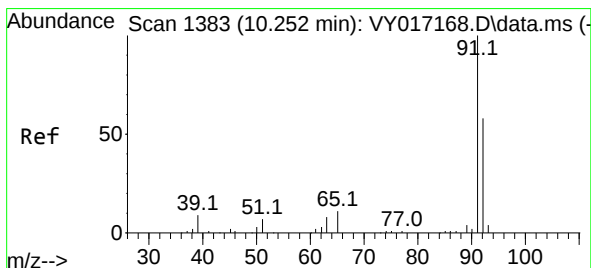
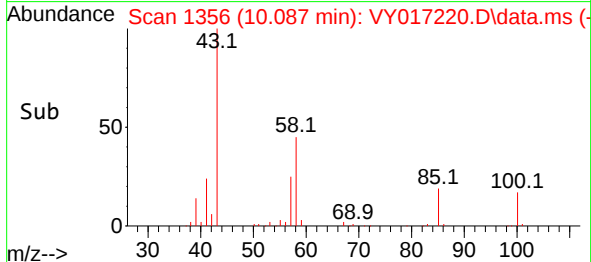
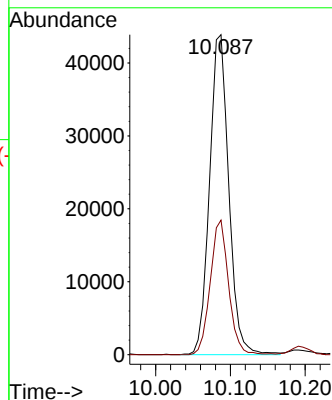
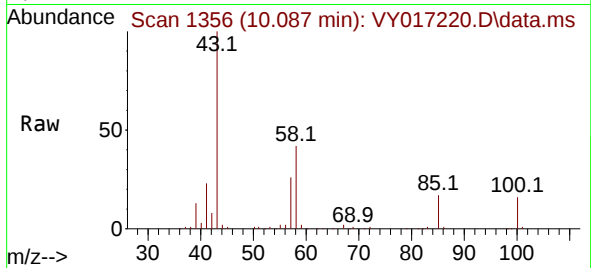




#51
4-Methyl-2-Pentanone
Concen: 83.079 ug/l
RT: 10.087 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

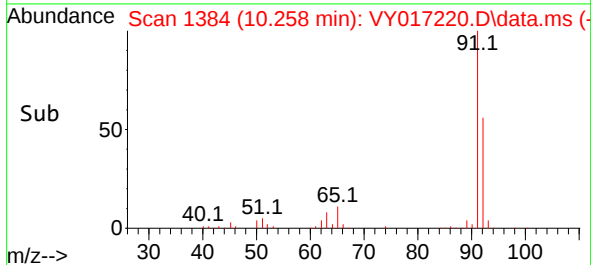
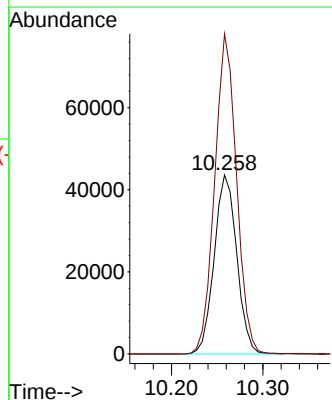
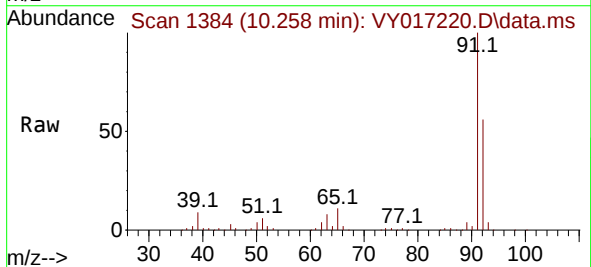
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

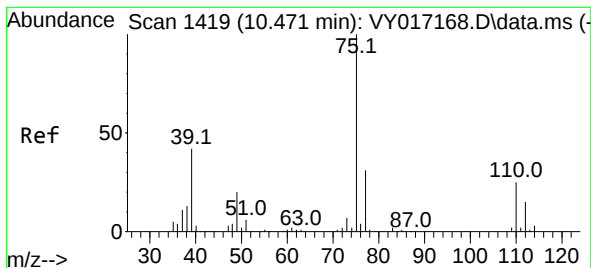
Tgt Ion: 43 Resp: 78586
Ion Ratio Lower Upper
43 100
58 40.0 32.2 48.2



#52
Toluene
Concen: 20.174 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion: 92 Resp: 74738
Ion Ratio Lower Upper
92 100
91 173.8 137.6 206.4

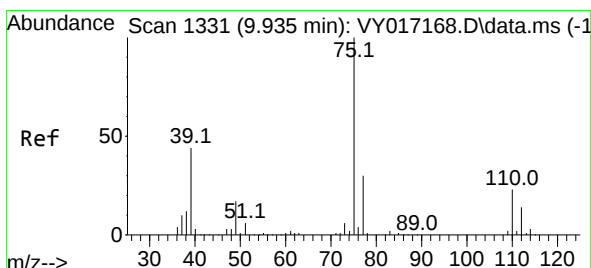
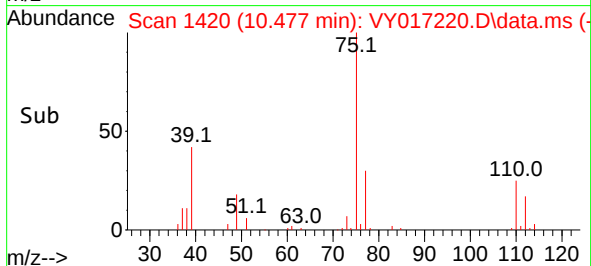
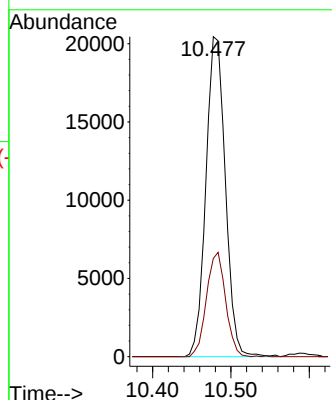
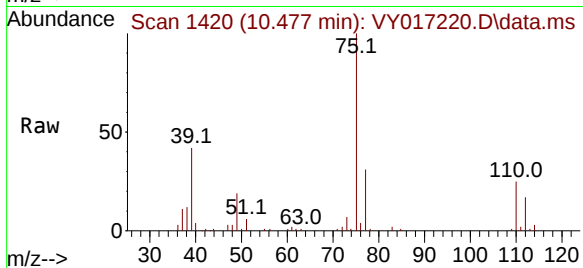




#53
 t-1,3-Dichloropropene
 Concen: 18.426 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY017220.D
 Acq: 05 Feb 2024 11:15

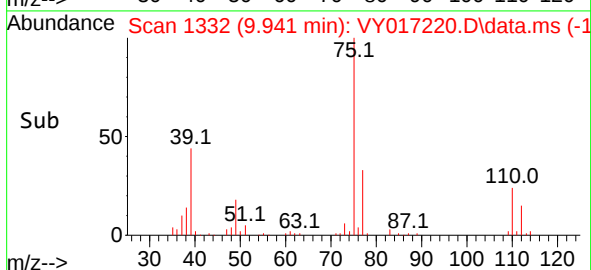
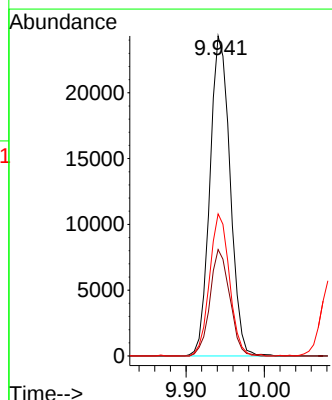
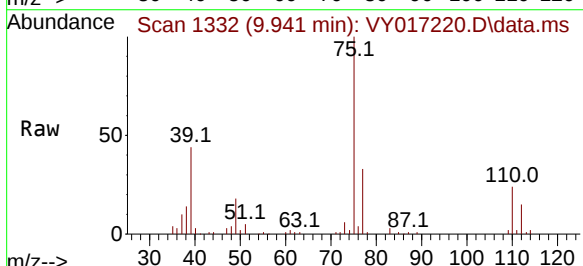
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

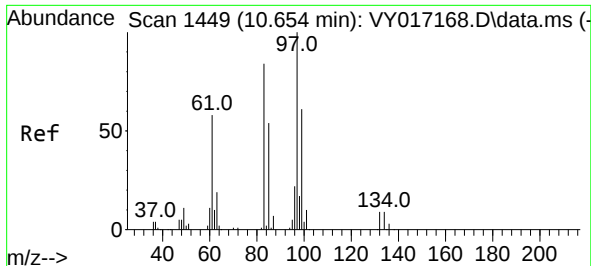
Tgt Ion: 75 Resp: 35274
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.971 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY017220.D
 Acq: 05 Feb 2024 11:15

Tgt Ion: 75 Resp: 43500
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.6 36.8
 39 44.4 33.6 50.4

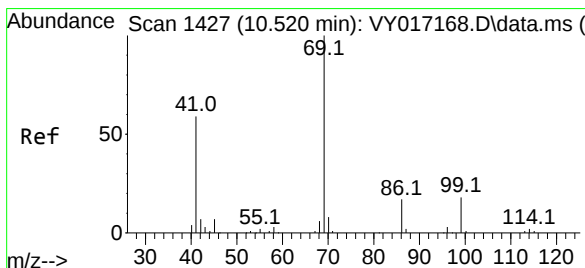
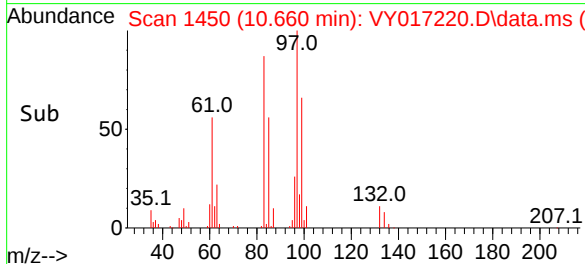
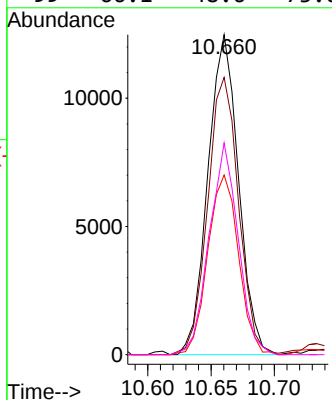
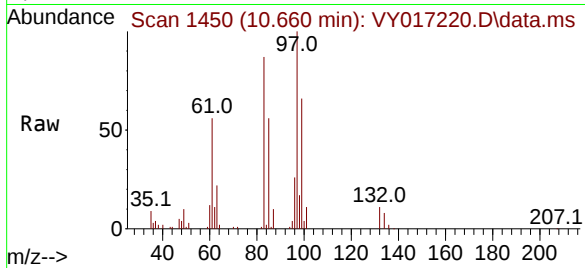




#55
1,1,2-Trichloroethane
Concen: 18.933 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

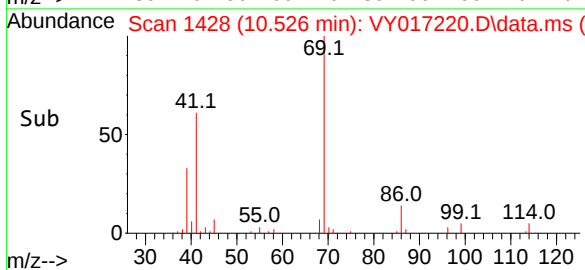
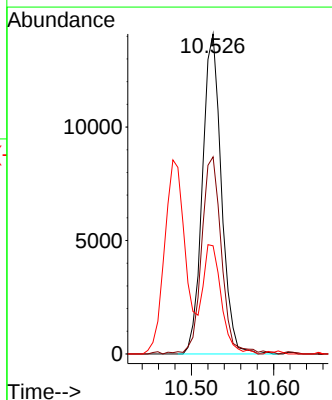
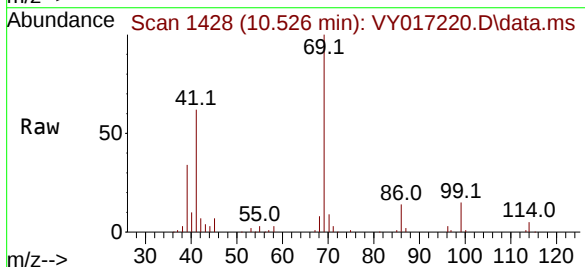
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

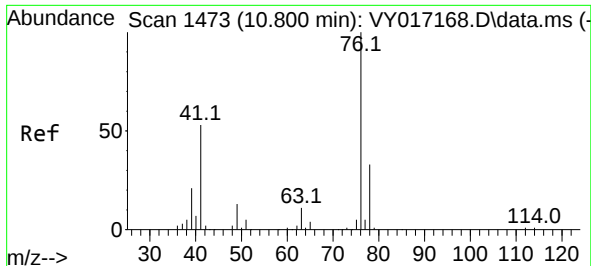
Tgt Ion: 97	Resp: 20977
Ion Ratio	Lower Upper
97 100	
83 86.2	69.4 104.2
85 56.2	43.9 65.9
99 66.1	48.6 73.0



#56
Ethyl methacrylate
Concen: 17.250 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion: 69	Resp: 22593
Ion Ratio	Lower Upper
69 100	
41 64.9	49.2 73.8
39 32.3	26.8 40.2





#57

1,3-Dichloropropane

Concen: 18.654 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

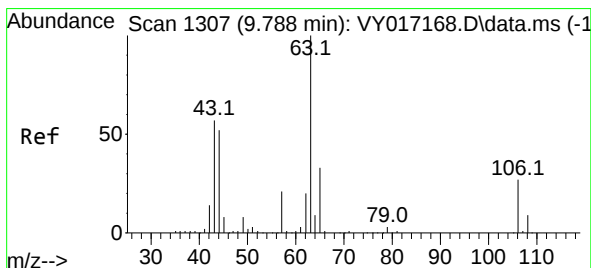
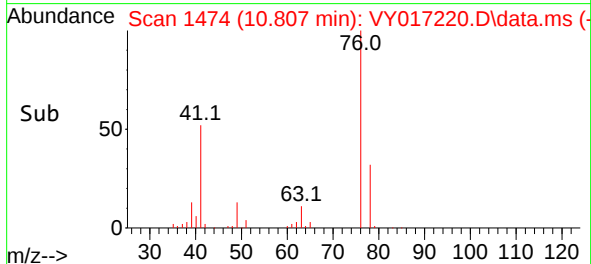
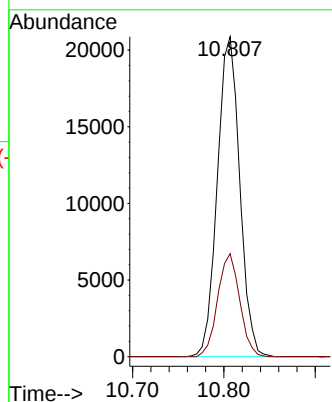
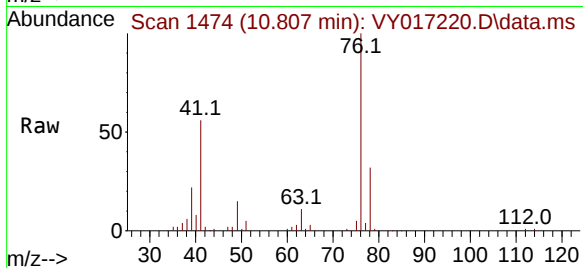
VY0205SBS01

Tgt Ion: 76 Resp: 35548

Ion Ratio Lower Upper

76 100

78 31.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 84.301 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY017220.D

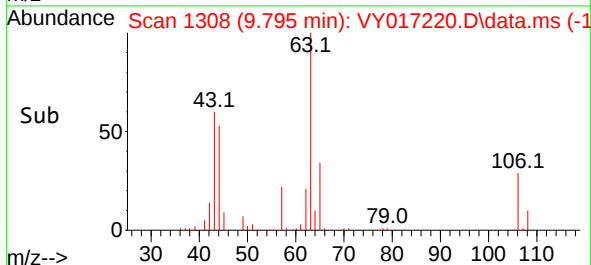
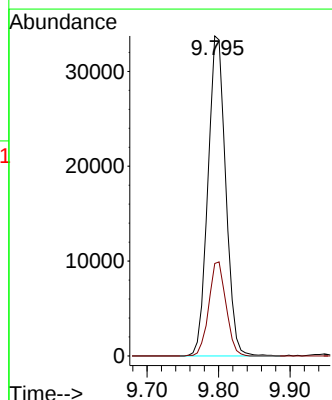
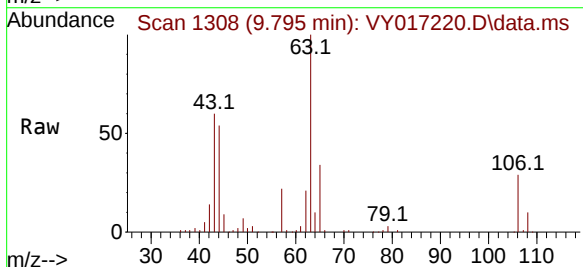
Acq: 05 Feb 2024 11:15

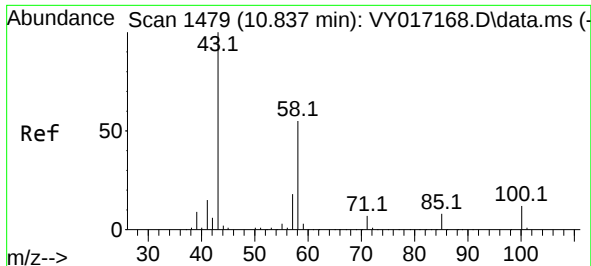
Tgt Ion: 63 Resp: 58189

Ion Ratio Lower Upper

63 100

106 28.5 22.4 33.6

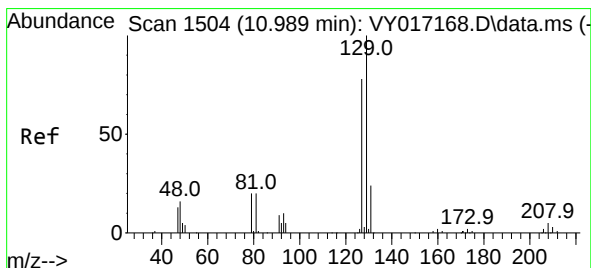
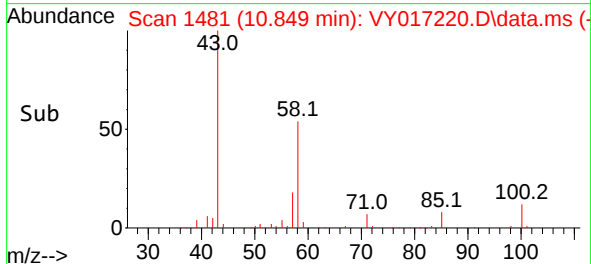
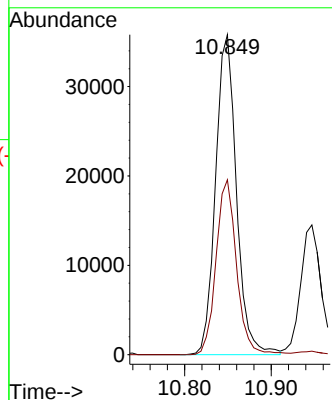
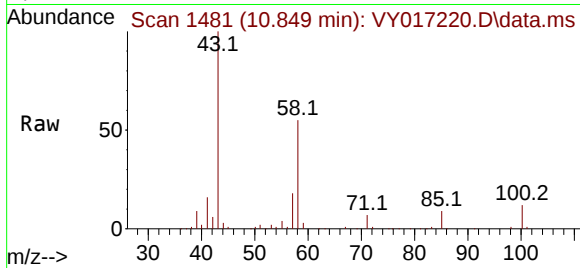




#59
2-Hexanone
Concen: 87.530 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.013 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

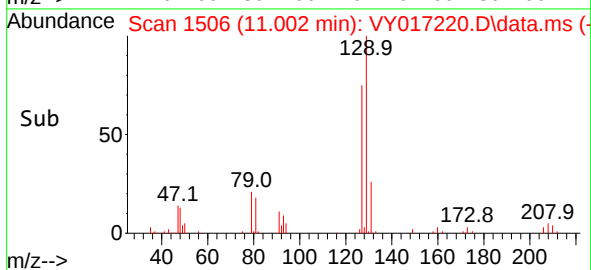
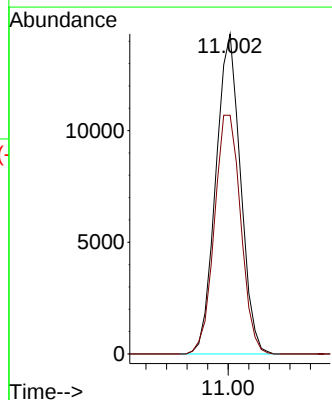
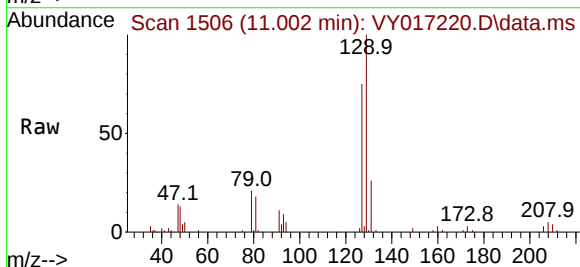
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

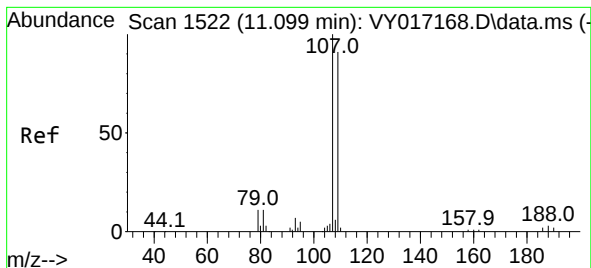
Tgt Ion: 43 Resp: 59870
Ion Ratio Lower Upper
43 100
58 53.9 28.1 84.3



#60
Dibromochloromethane
Concen: 18.361 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.013 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion:129 Resp: 23866
Ion Ratio Lower Upper
129 100
127 79.6 39.2 117.6

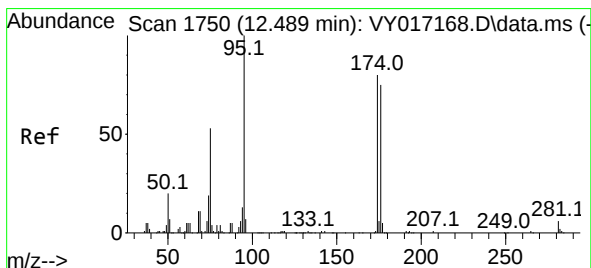
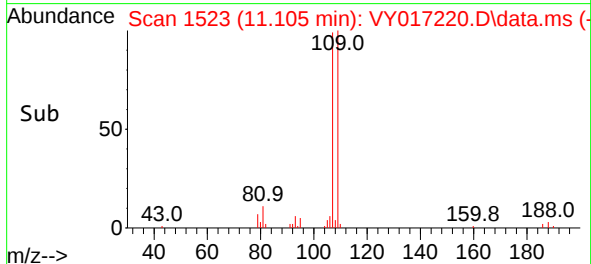
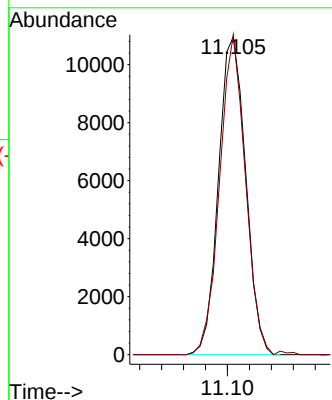
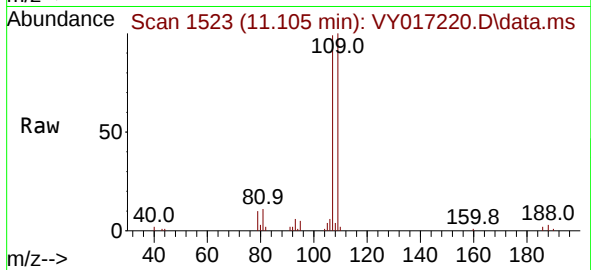




#61
1,2-Dibromoethane
Concen: 18.302 ug/l
RT: 11.105 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

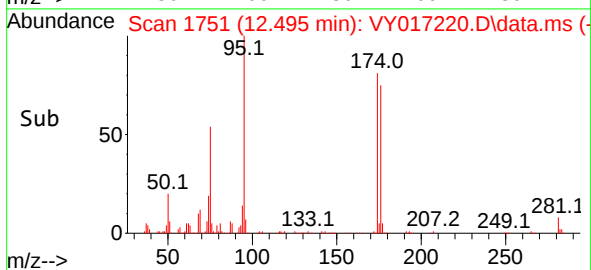
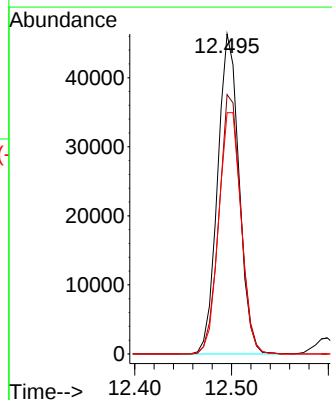
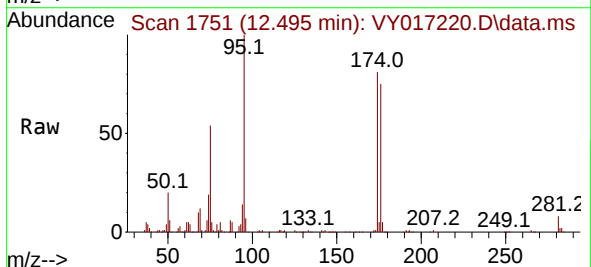
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

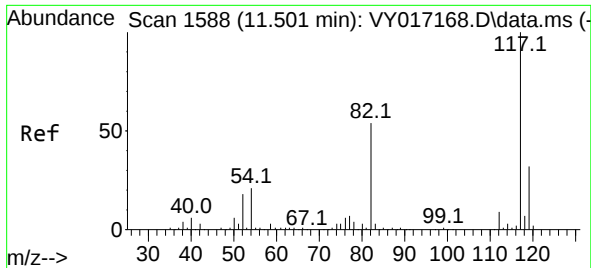
Tgt Ion:107 Resp: 18859
Ion Ratio Lower Upper
107 100
109 95.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.945 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion: 95 Resp: 71250
Ion Ratio Lower Upper
95 100
174 82.2 0.0 160.0
176 79.2 0.0 151.8

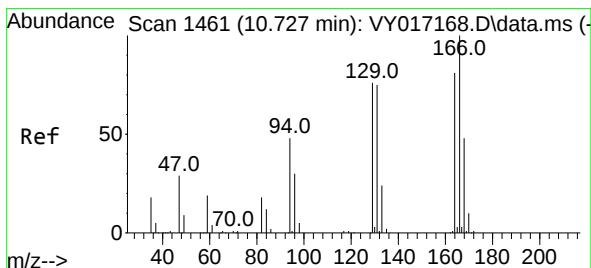
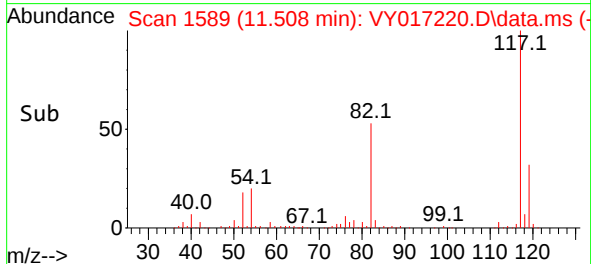
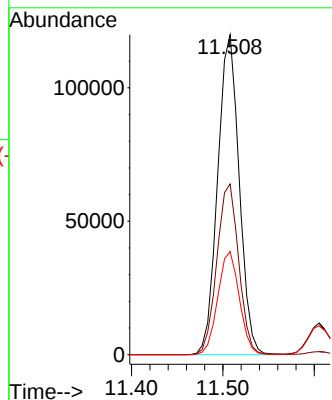
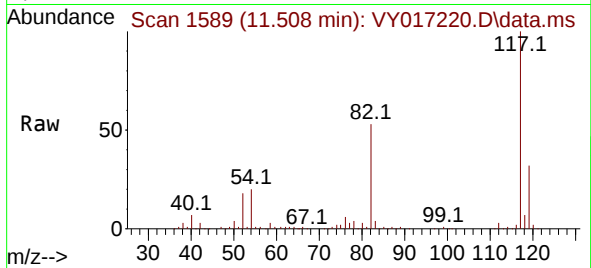




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

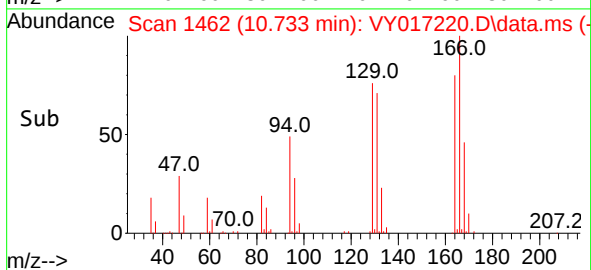
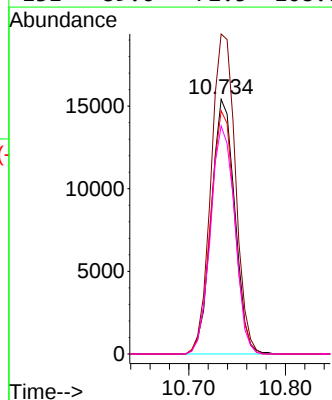
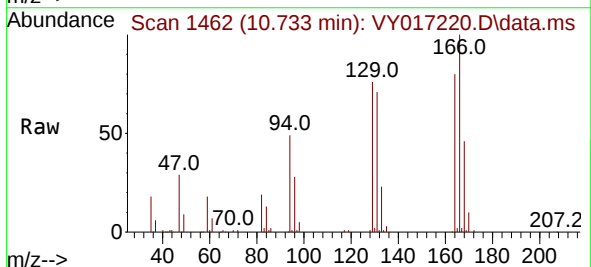
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

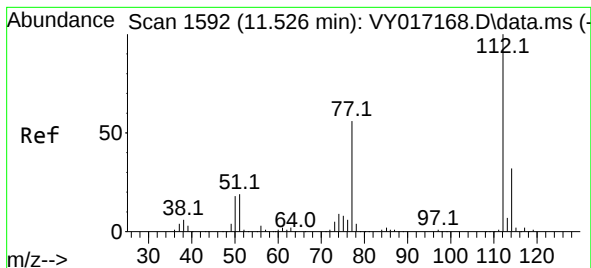
Tgt Ion:117 Resp: 196362
Ion Ratio Lower Upper
117 100
82 53.4 43.8 65.8
119 32.2 26.5 39.7



#64
Tetrachloroethene
Concen: 20.480 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion:164 Resp: 26118
Ion Ratio Lower Upper
164 100
166 125.7 98.8 148.2
129 95.5 78.9 118.3
131 89.6 72.5 108.7





#65

Chlorobenzene

Concen: 20.190 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

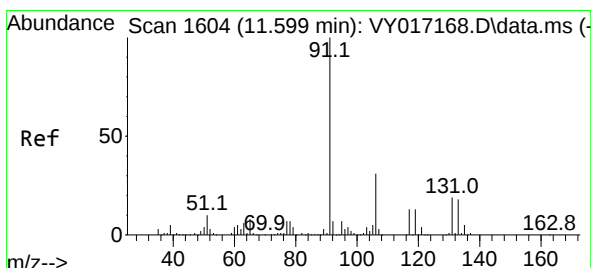
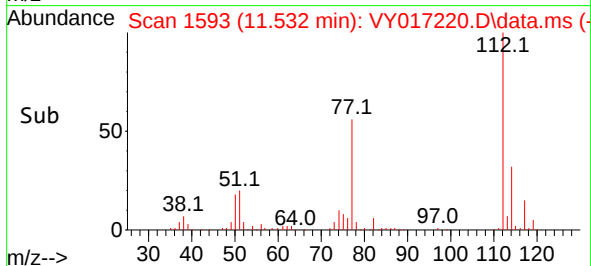
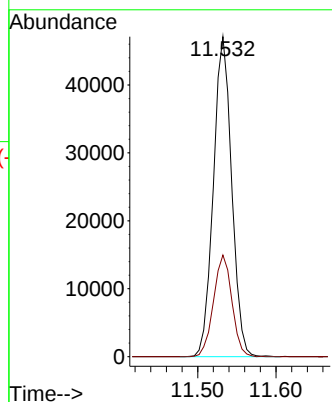
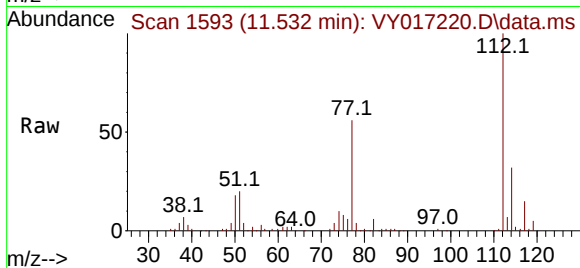
VY0205SBS01

Tgt Ion:112 Resp: 76480

Ion Ratio Lower Upper

112 100

114 31.8 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.820 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

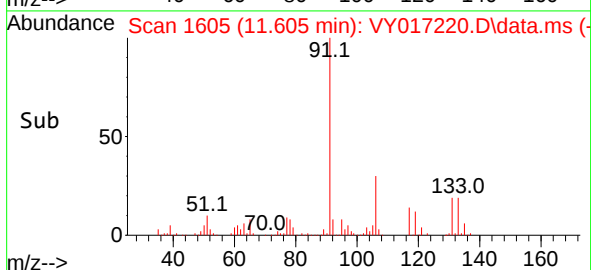
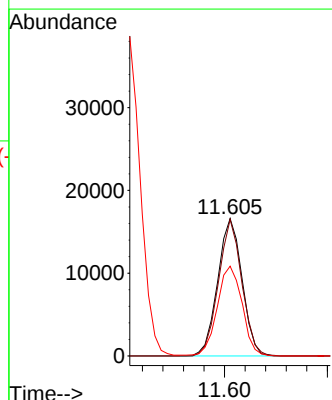
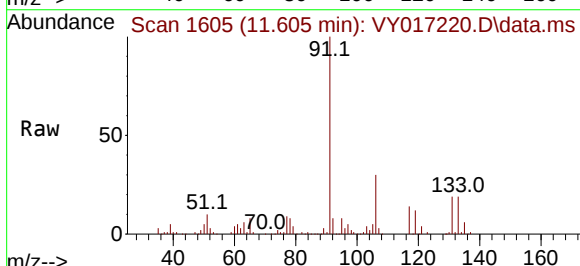
Tgt Ion:131 Resp: 27284

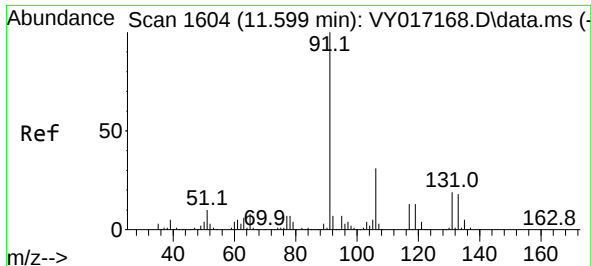
Ion Ratio Lower Upper

131 100

133 95.3 47.0 141.0

119 66.6 33.3 99.9





#67

Ethyl Benzene

Concen: 20.377 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

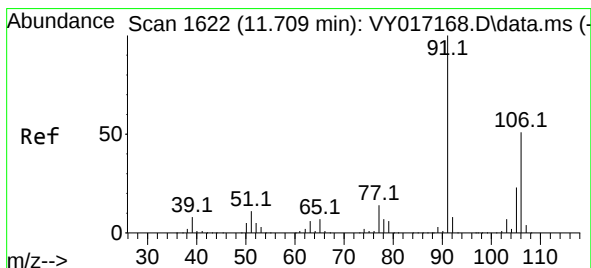
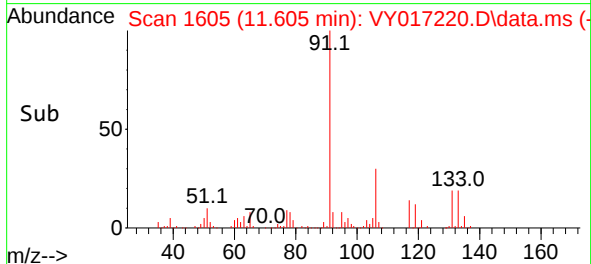
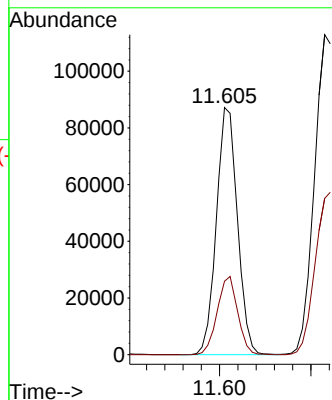
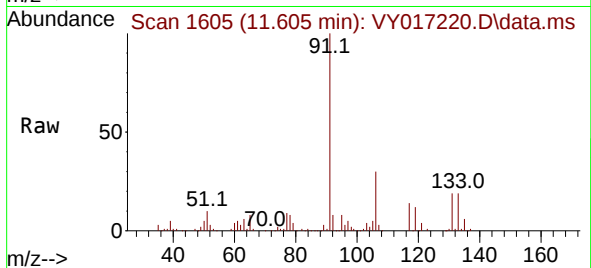
VY0205SBS01

Tgt Ion: 91 Resp: 139501

Ion Ratio Lower Upper

91 100

106 29.7 25.0 37.4



#68

m/p-Xylenes

Concen: 40.596 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.013 min

Lab File: VY017220.D

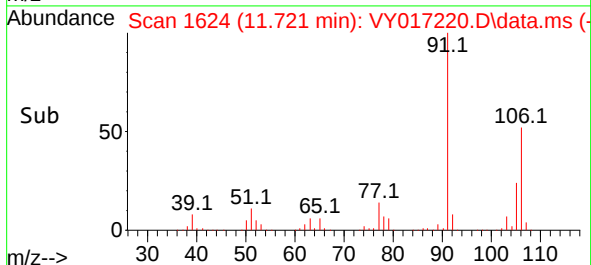
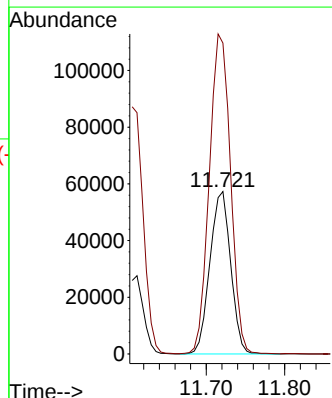
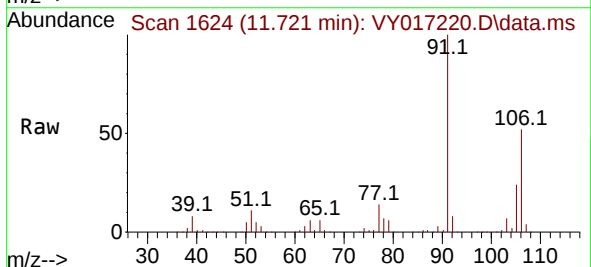
Acq: 05 Feb 2024 11:15

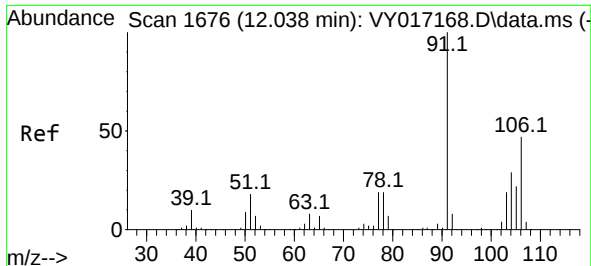
Tgt Ion:106 Resp: 105470

Ion Ratio Lower Upper

106 100

91 201.1 160.7 241.1

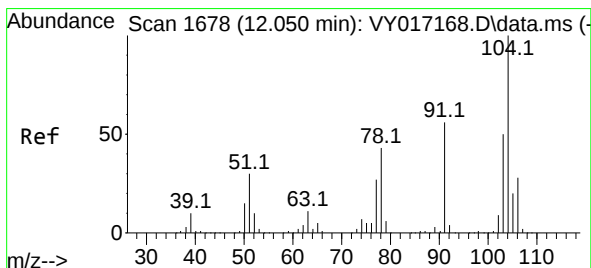
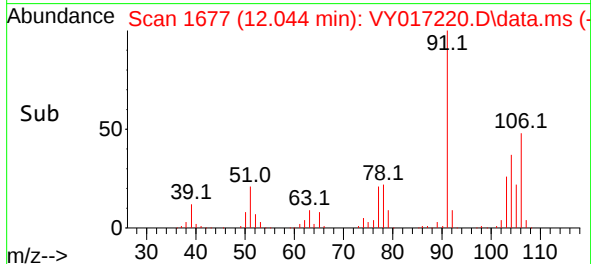
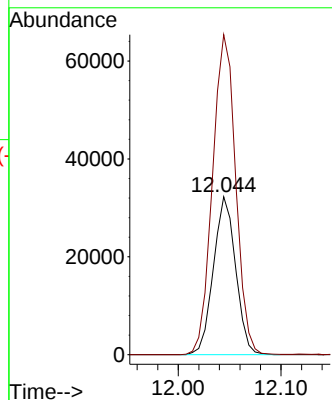
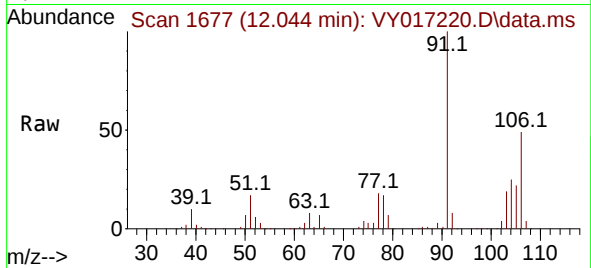




#69
o-Xylene
Concen: 20.250 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

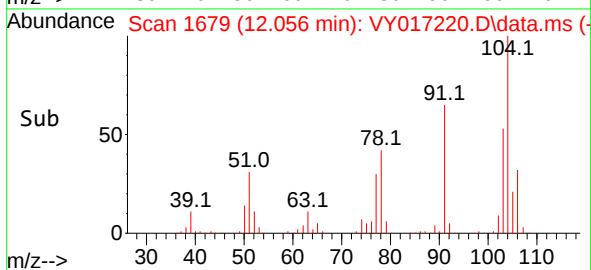
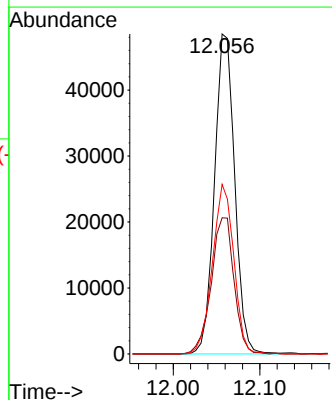
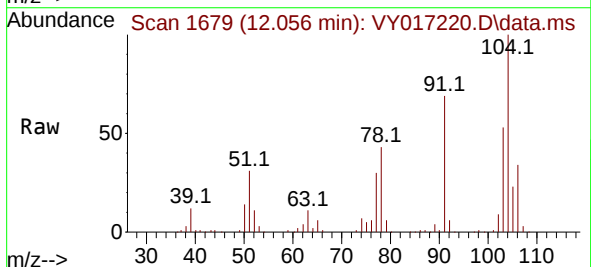
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

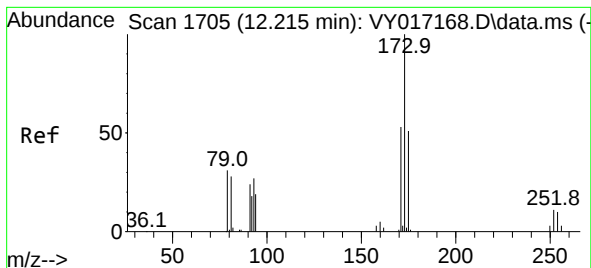
Tgt Ion:106 Resp: 48449
Ion Ratio Lower Upper
106 100
91 211.8 106.5 319.5



#70
Styrene
Concen: 19.931 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion:104 Resp: 78567
Ion Ratio Lower Upper
104 100
78 48.0 39.2 58.8
103 56.2 43.8 65.6





#71

Bromoform

Concen: 18.337 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

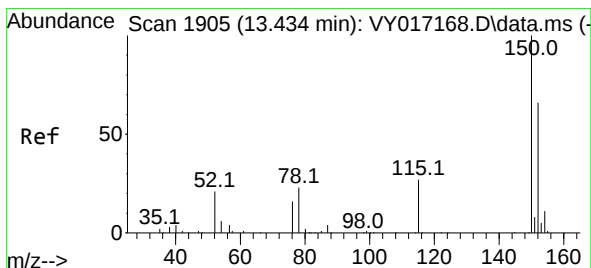
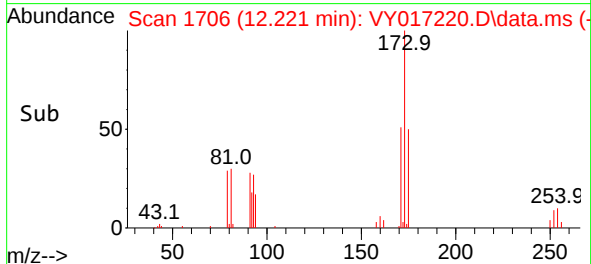
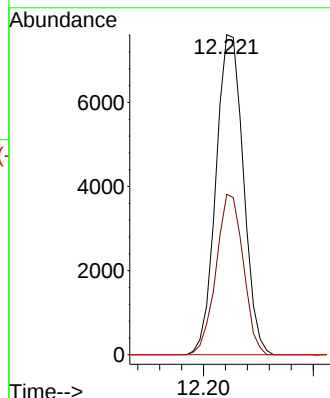
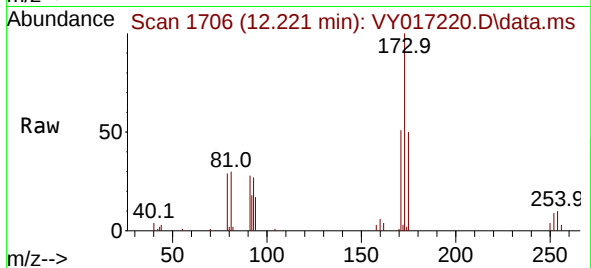
Tgt Ion:173 Resp: 13220

Ion Ratio Lower Upper

173 100

175 49.7 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

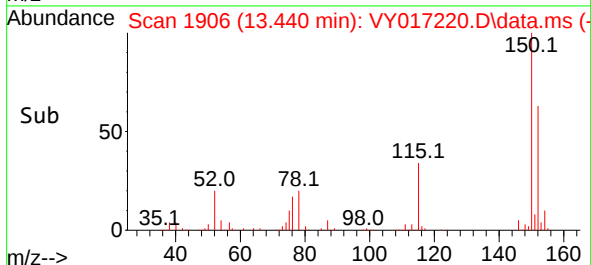
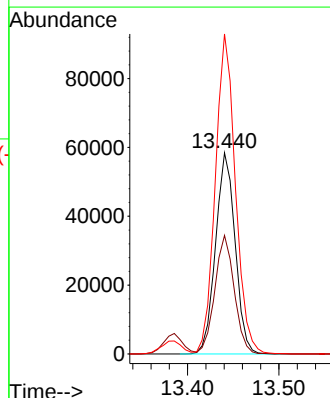
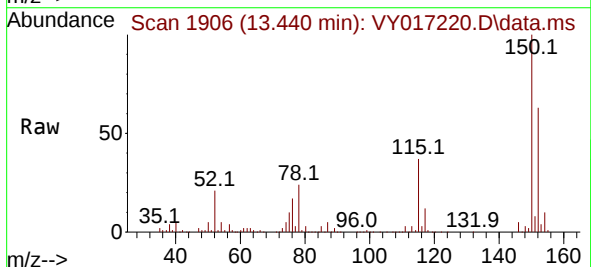
Tgt Ion:152 Resp: 86802

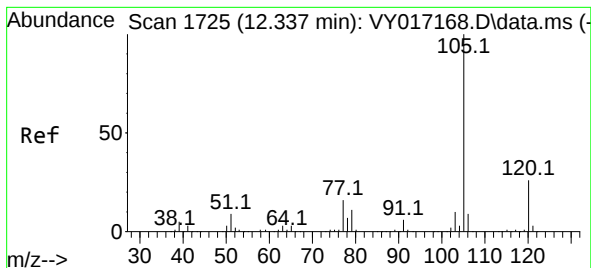
Ion Ratio Lower Upper

152 100

115 58.5 30.0 90.0

150 163.8 0.0 344.6





#73

Isopropylbenzene

Concen: 20.691 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

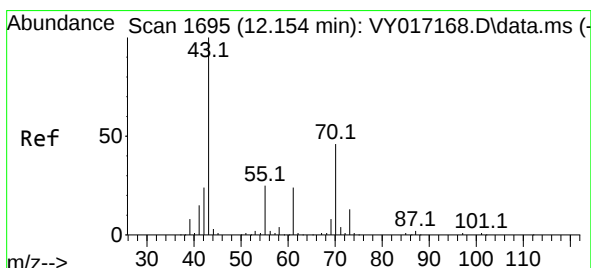
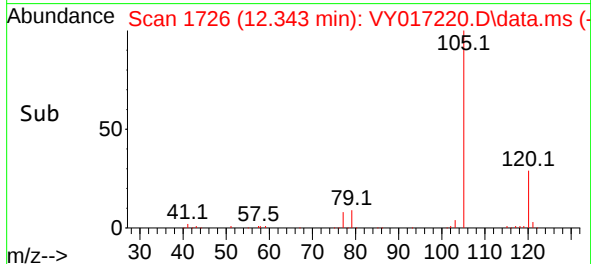
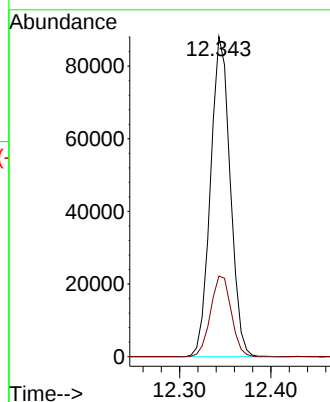
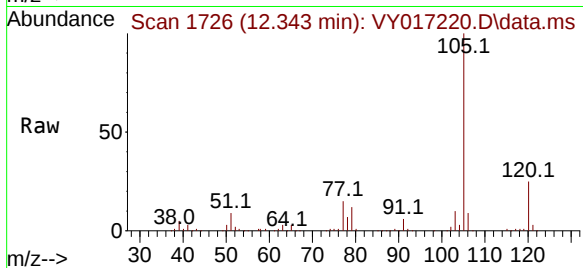
VY0205SBS01

Tgt Ion:105 Resp: 131942

Ion Ratio Lower Upper

105 100

120 26.4 13.0 39.0



#74

N-ethyl acetate

Concen: 16.918 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Tgt Ion: 43 Resp: 24240

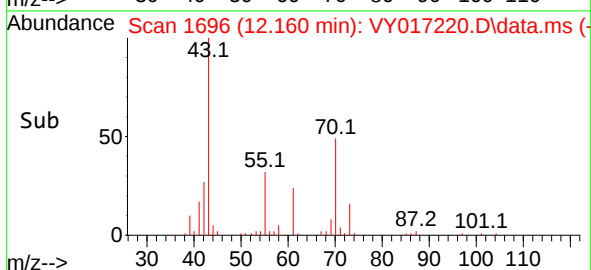
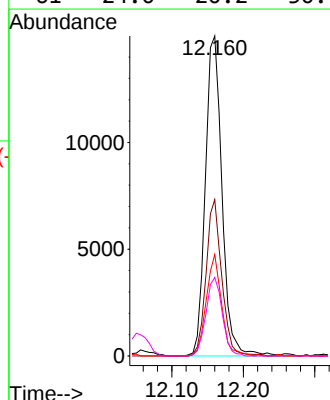
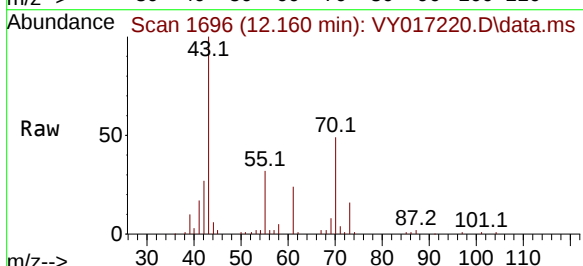
Ion Ratio Lower Upper

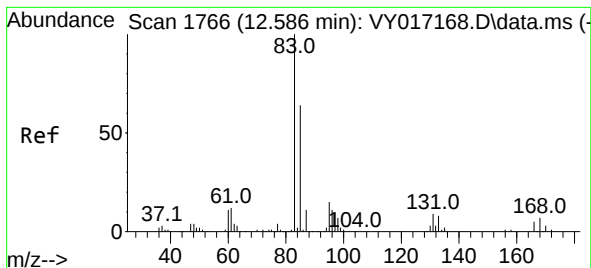
43 100

70 45.9 36.6 55.0

55 29.2 22.2 33.4

61 24.0 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.400 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.013 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

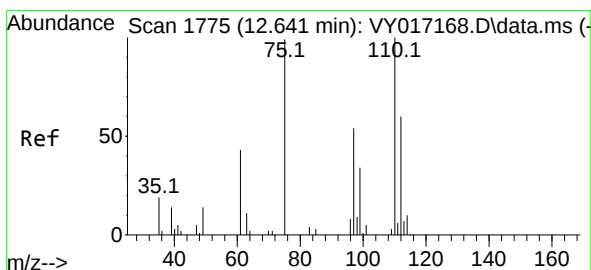
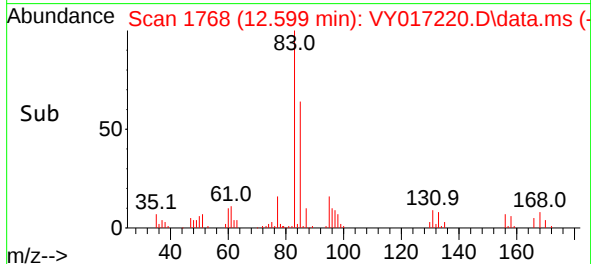
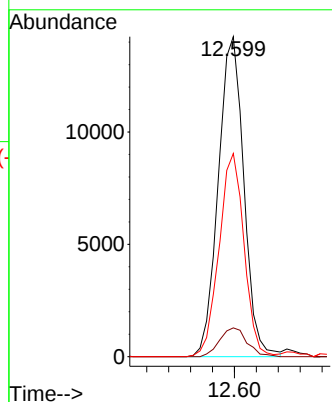
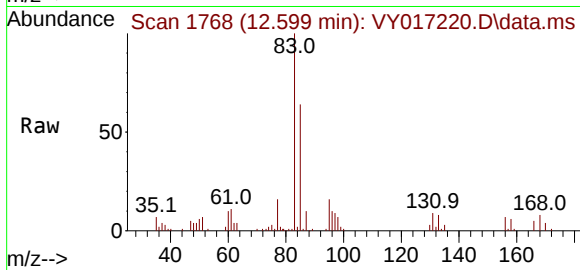
Tgt Ion: 83 Resp: 23078

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

85 62.1 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 17.755 ug/l m

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017220.D

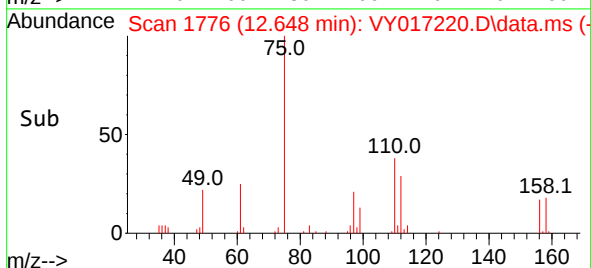
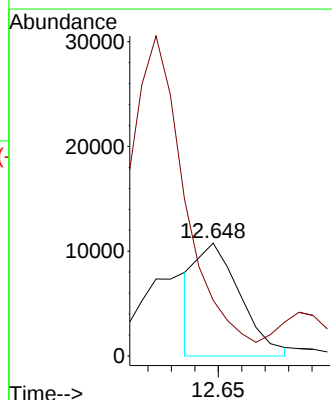
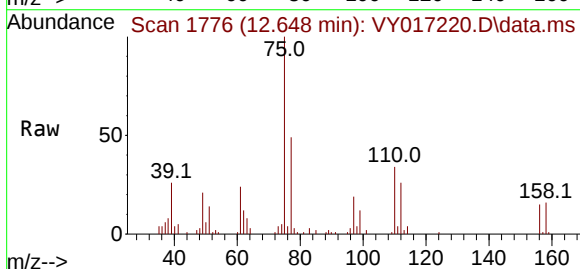
Acq: 05 Feb 2024 11:15

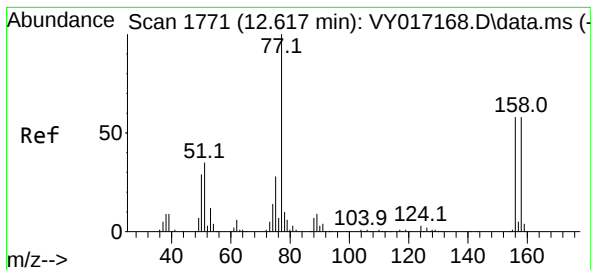
Tgt Ion: 75 Resp: 14225

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.483 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

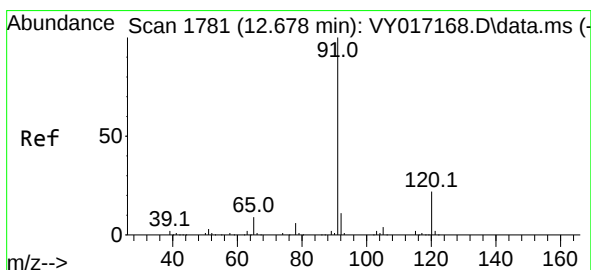
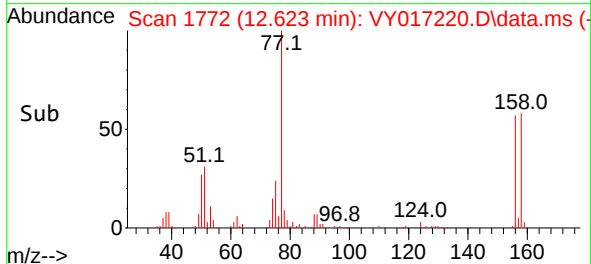
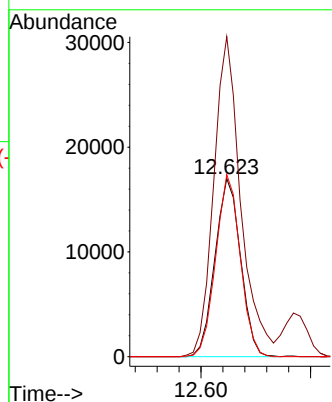
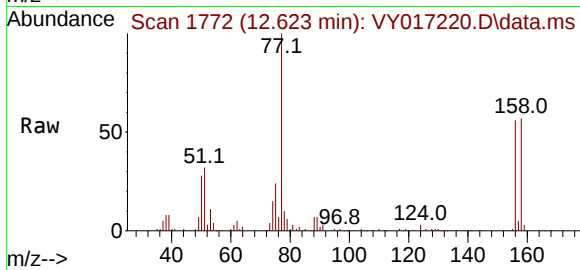
Tgt Ion:156 Resp: 27558

Ion Ratio Lower Upper

156 100

77 189.7 97.3 291.8

158 98.0 48.4 145.0



#78

n-propylbenzene

Concen: 20.946 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY017220.D

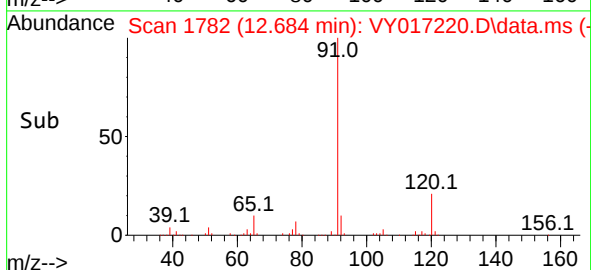
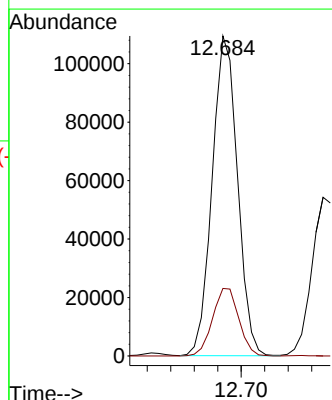
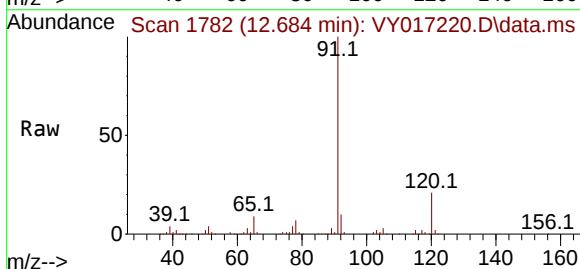
Acq: 05 Feb 2024 11:15

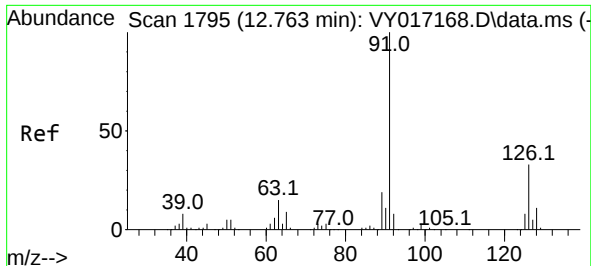
Tgt Ion: 91 Resp: 164042

Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0

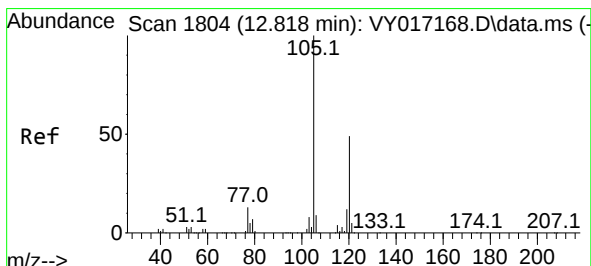
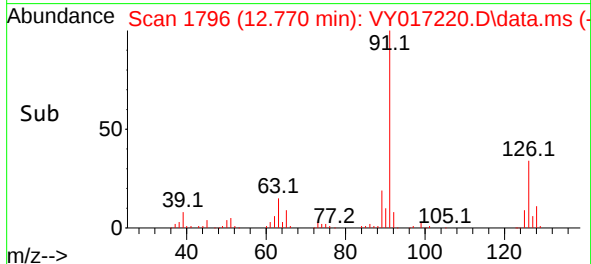
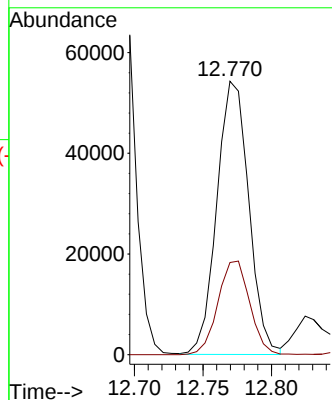
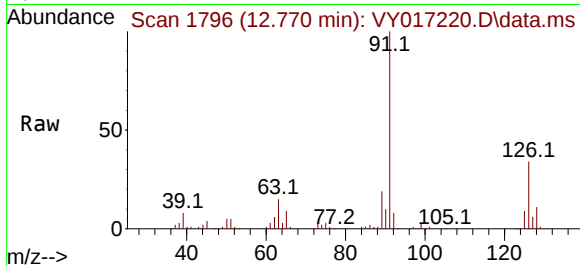




#79
2-Chlorotoluene
Concen: 20.456 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

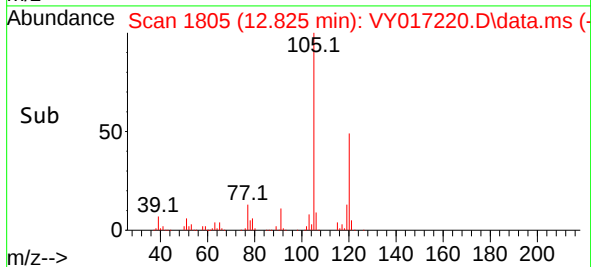
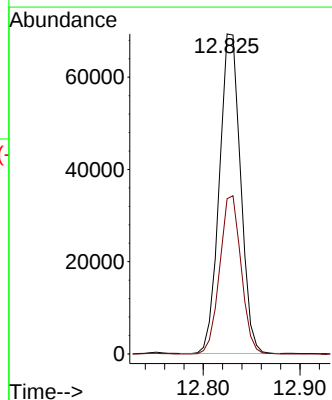
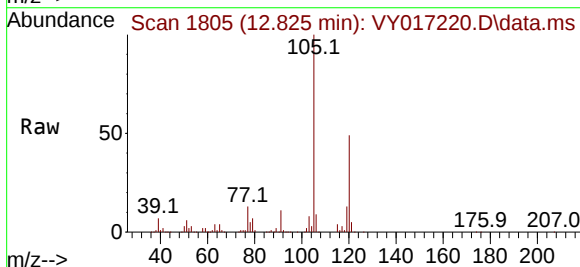
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

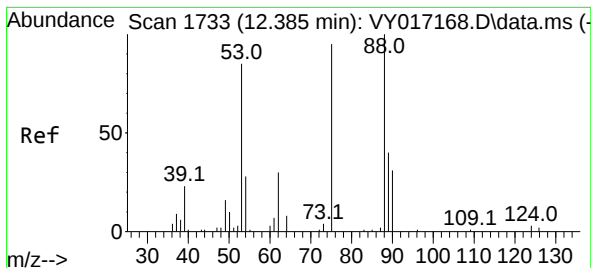
Tgt Ion: 91 Resp: 88076
Ion Ratio Lower Upper
91 100
126 34.2 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.788 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion: 105 Resp: 105427
Ion Ratio Lower Upper
105 100
120 49.9 24.3 72.8

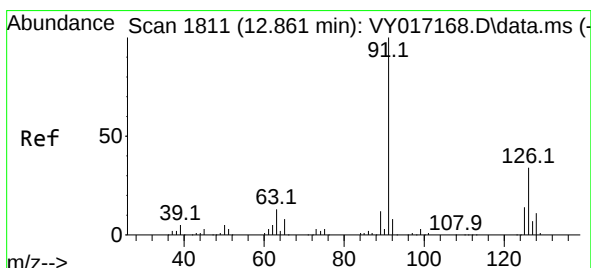
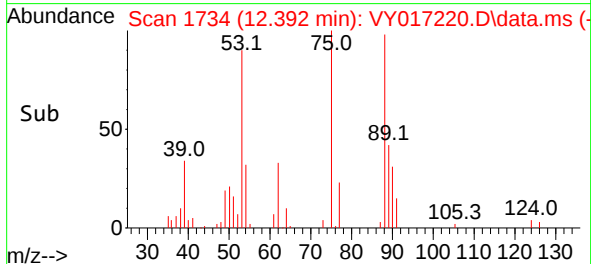
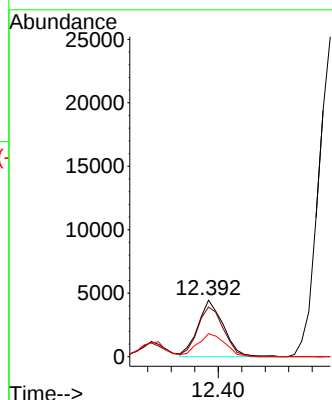
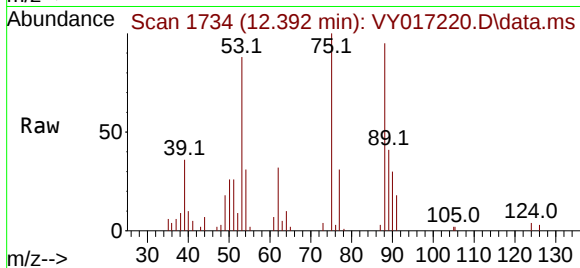




#81
trans-1,4-Dichloro-2-butene
Concen: 17.460 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

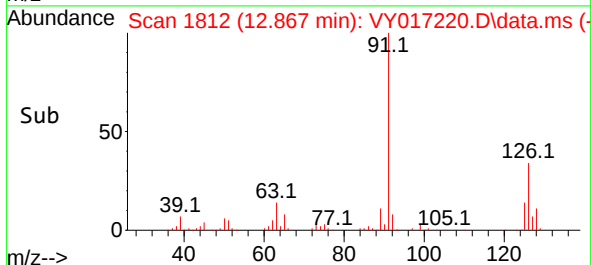
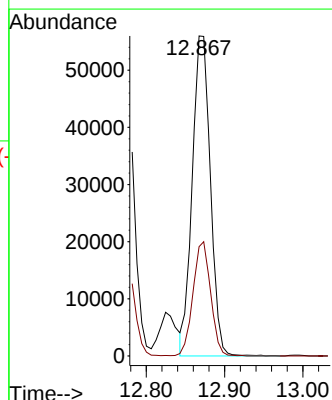
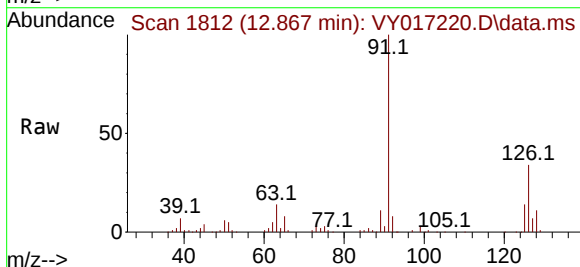
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

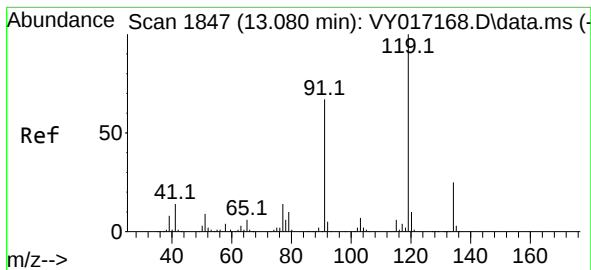
Tgt Ion: 75 Resp: 6732
Ion Ratio Lower Upper
75 100
53 89.6 74.0 111.0
89 43.4 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.344 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion: 91 Resp: 90154
Ion Ratio Lower Upper
91 100
126 34.8 17.1 51.2





#83

tert-Butylbenzene

Concen: 21.354 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.013 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

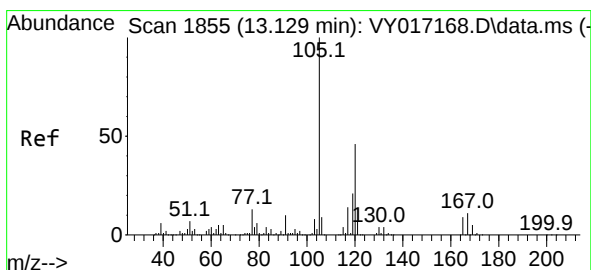
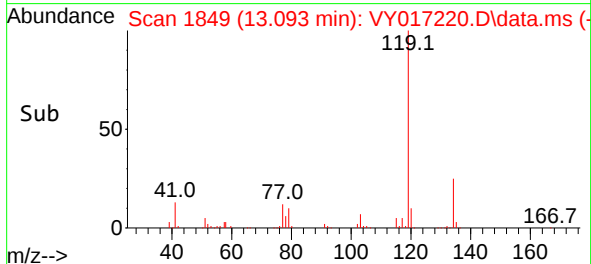
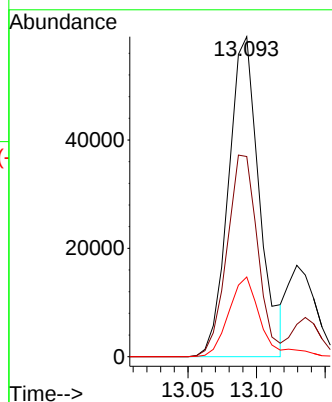
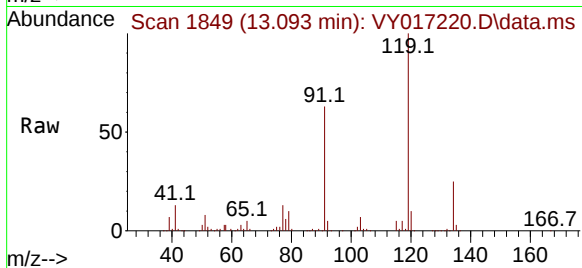
Tgt Ion:119 Resp: 92831

Ion Ratio Lower Upper

119 100

91 62.6 31.5 94.5

134 26.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.660 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY017220.D

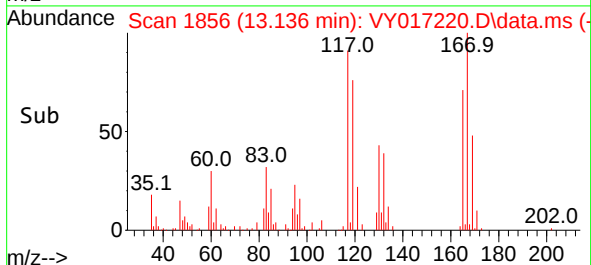
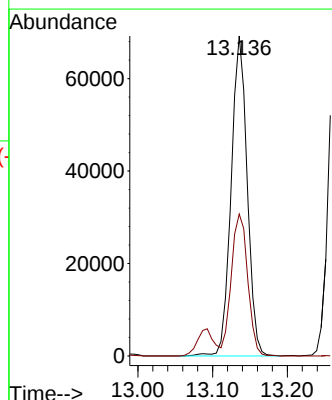
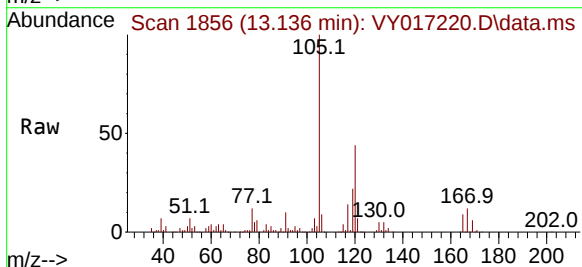
Acq: 05 Feb 2024 11:15

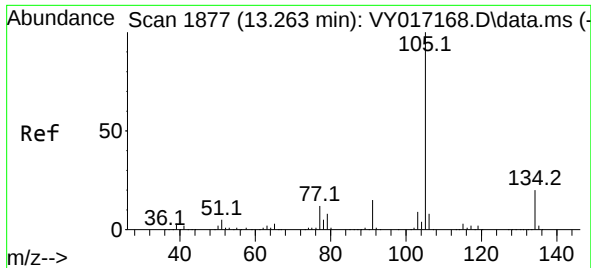
Tgt Ion:105 Resp: 103421

Ion Ratio Lower Upper

105 100

120 45.4 22.1 66.3

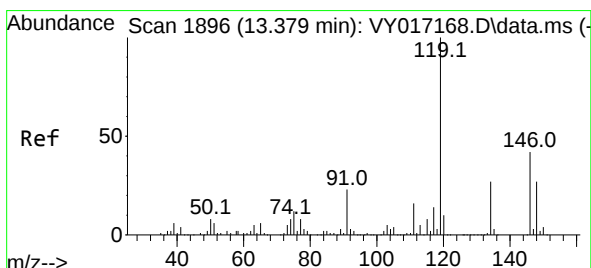
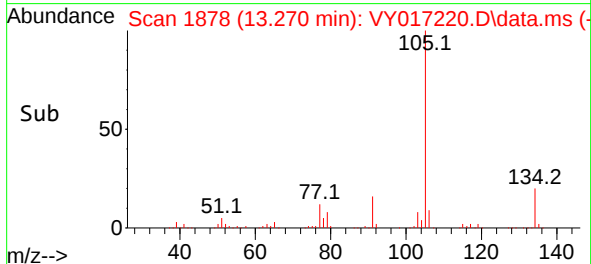
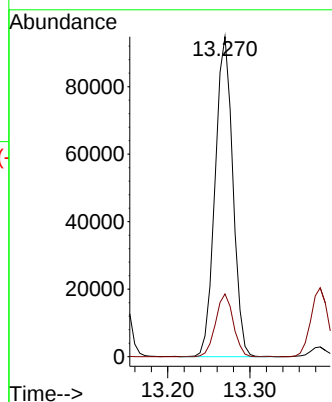
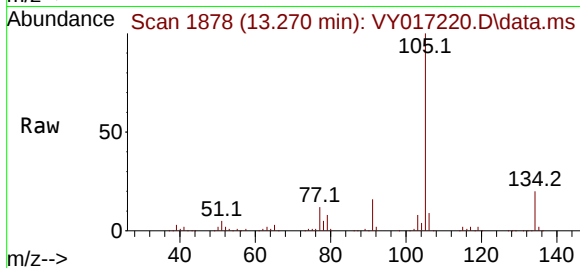




#85
 sec-Butylbenzene
 Concen: 20.876 ug/l
 RT: 13.270 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VY017220.D
 Acq: 05 Feb 2024 11:15

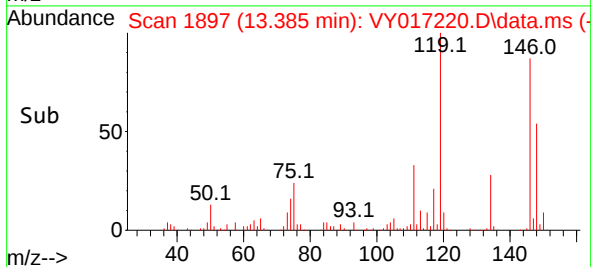
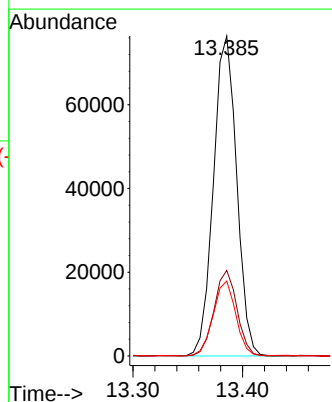
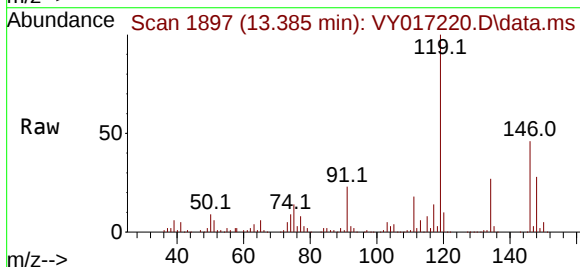
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0205SBS01

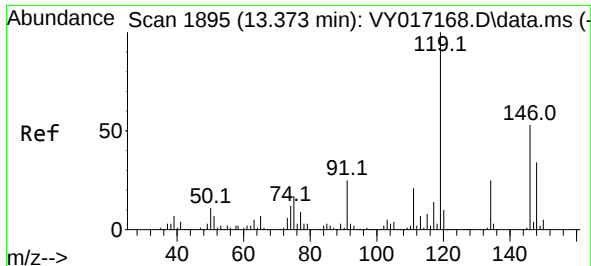
Tgt Ion:105 Resp: 141843
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 20.727 ug/l
 RT: 13.385 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY017220.D
 Acq: 05 Feb 2024 11:15

Tgt Ion:119 Resp: 112539
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 22.8 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.270 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

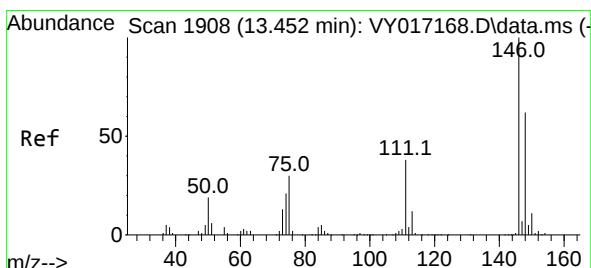
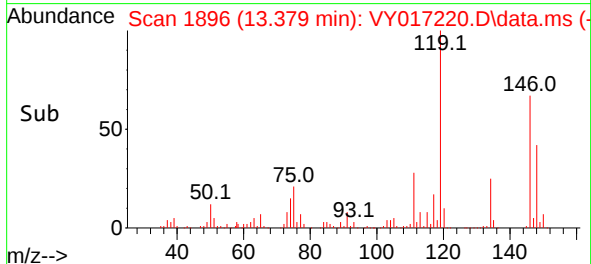
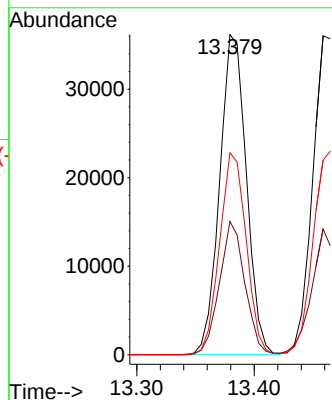
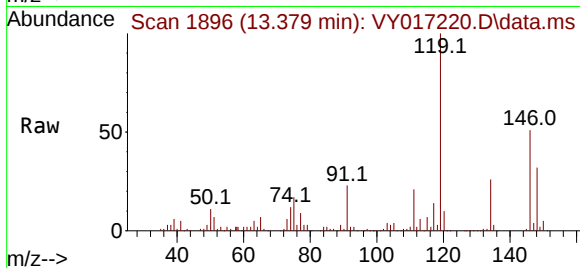
Tgt Ion:146 Resp: 57196

Ion Ratio Lower Upper

146 100

111 39.7 20.2 60.5

148 62.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.620 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

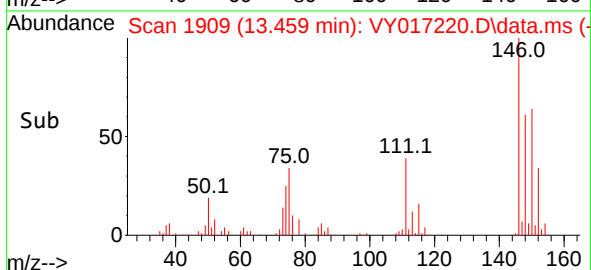
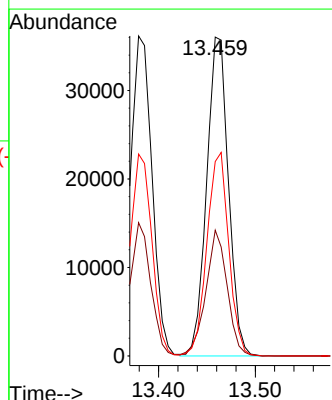
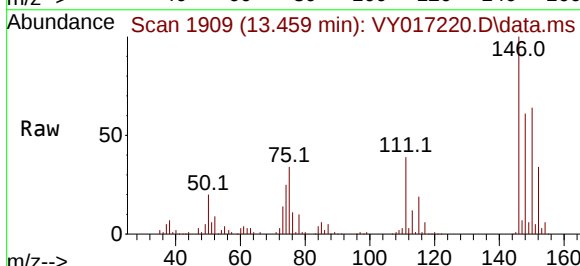
Tgt Ion:146 Resp: 56527

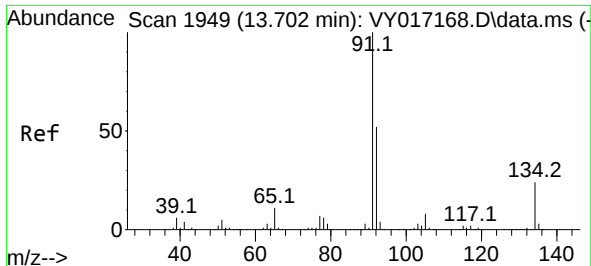
Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.9

148 64.0 31.6 94.7





#89

n-Butylbenzene

Concen: 20.858 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

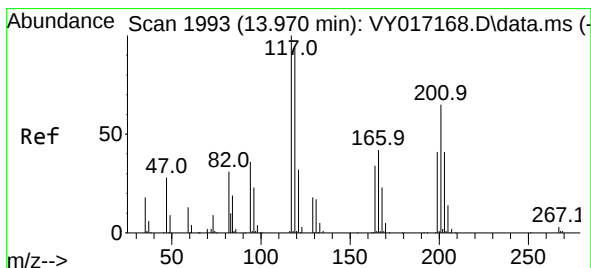
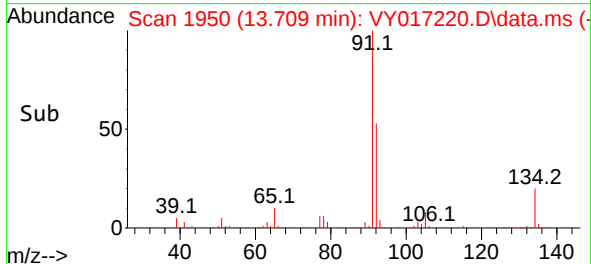
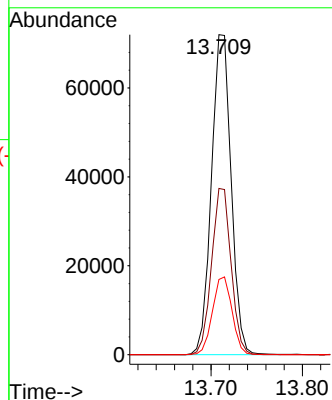
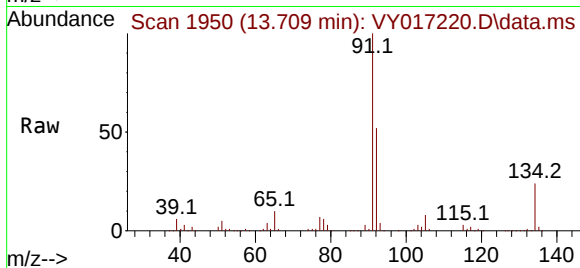
Tgt Ion: 91 Resp: 107674

Ion Ratio Lower Upper

91 100

92 51.5 26.4 79.2

134 24.2 12.3 36.8



#90

Hexachloroethane

Concen: 20.665 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY017220.D

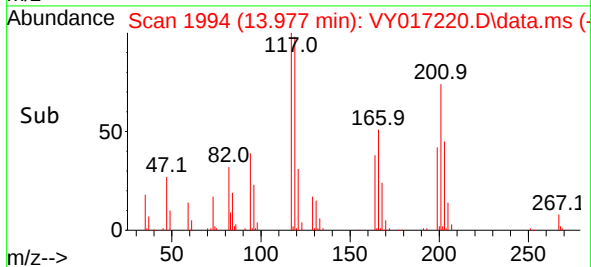
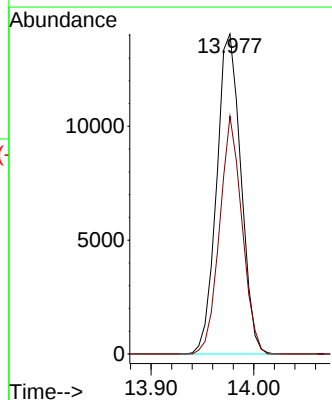
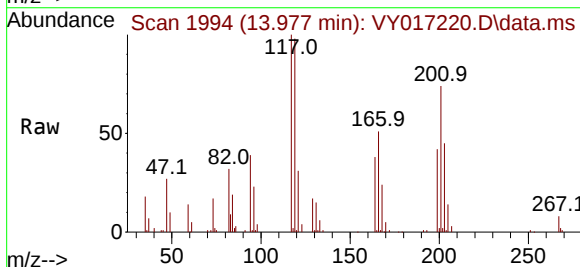
Acq: 05 Feb 2024 11:15

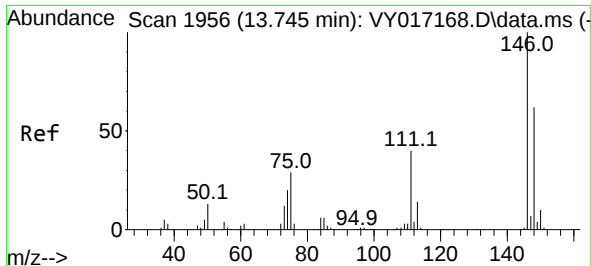
Tgt Ion: 117 Resp: 23034

Ion Ratio Lower Upper

117 100

201 68.5 33.4 100.1

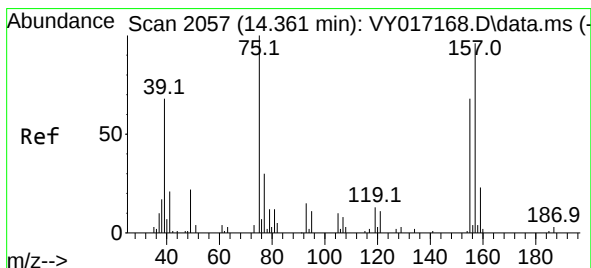
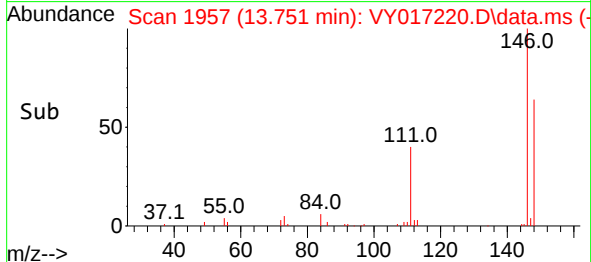
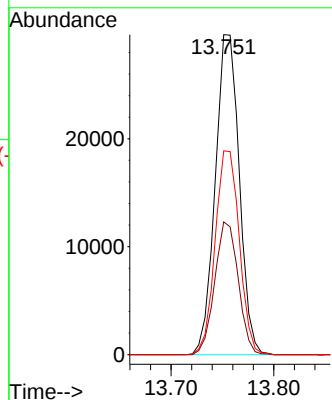
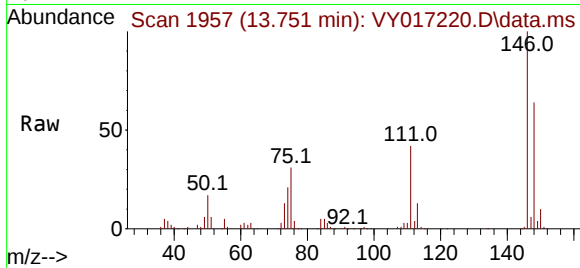




#91
1,2-Dichlorobenzene
Concen: 20.025 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

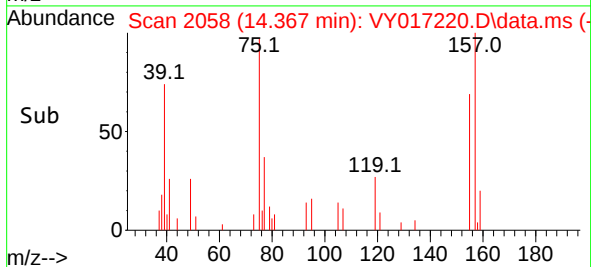
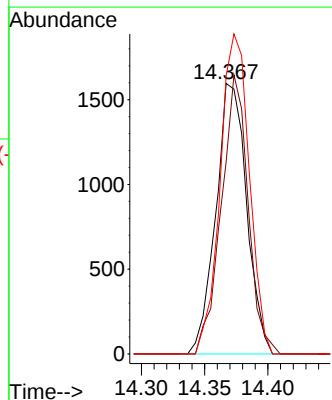
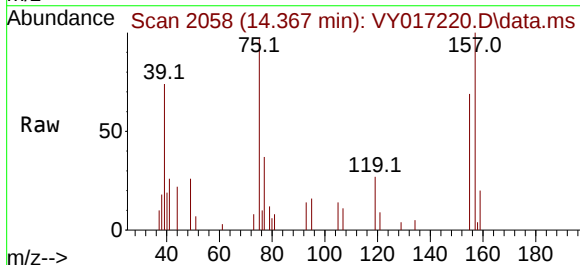
Instrument :
MSVOA_Y
ClientSampleId :
VY0205SBS01

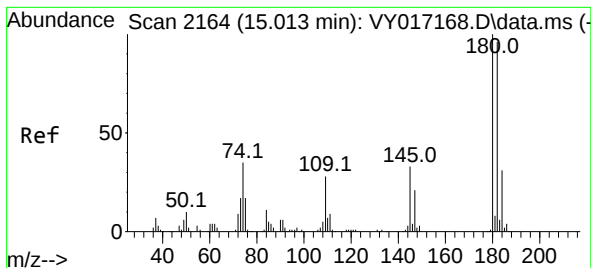
Tgt Ion:146 Resp: 48103
Ion Ratio Lower Upper
146 100
111 40.6 20.5 61.6
148 64.0 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.545 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VY017220.D
Acq: 05 Feb 2024 11:15

Tgt Ion: 75 Resp: 2703
Ion Ratio Lower Upper
75 100
155 89.6 42.1 126.3
157 112.0 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 20.299 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

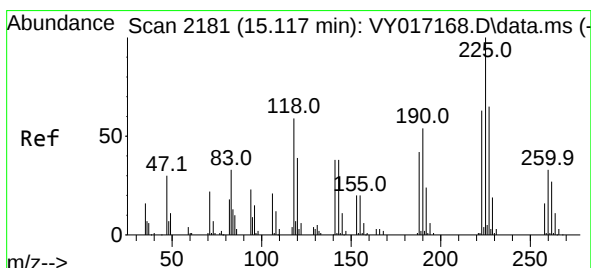
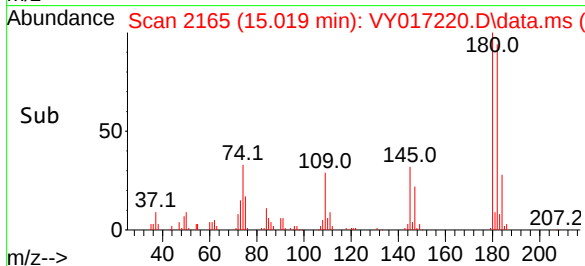
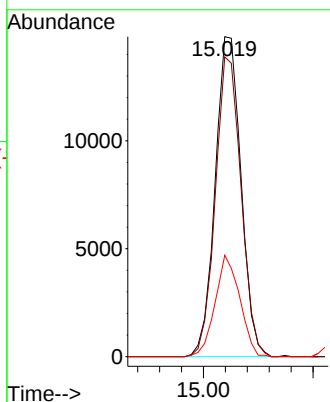
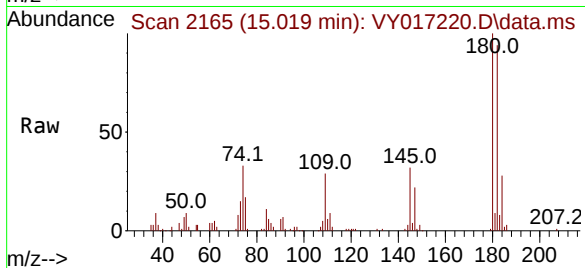
Tgt Ion:180 Resp: 24220

Ion Ratio Lower Upper

180 100

182 93.3 47.9 143.7

145 30.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 21.949 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.013 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

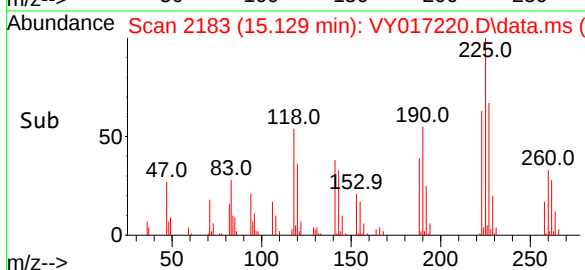
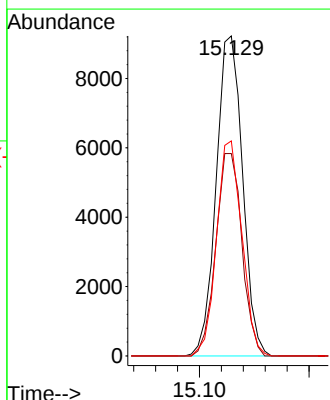
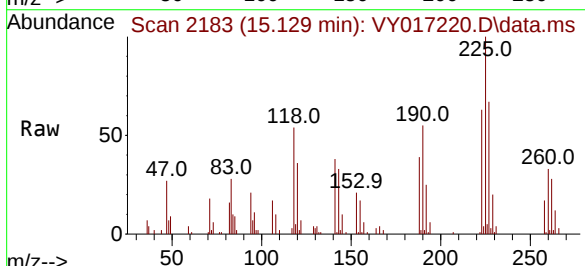
Tgt Ion:225 Resp: 15424

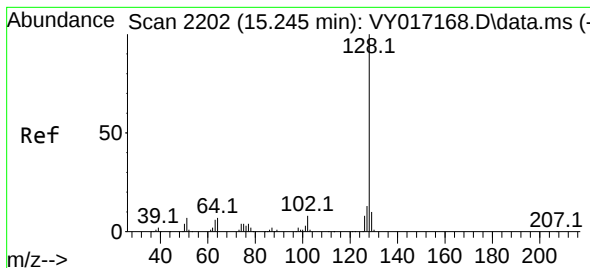
Ion Ratio Lower Upper

225 100

223 62.5 31.4 94.3

227 64.6 32.3 96.8





#95

Naphthalene

Concen: 18.779 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0205SBS01

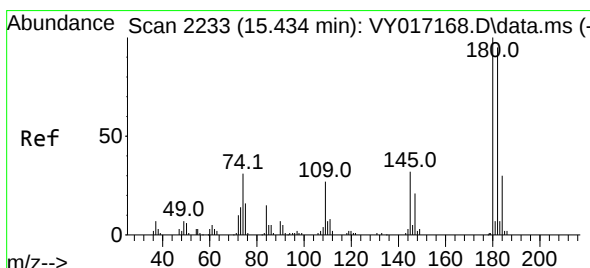
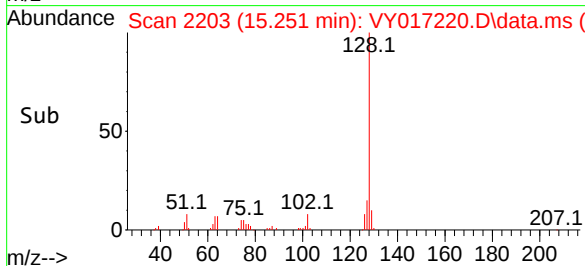
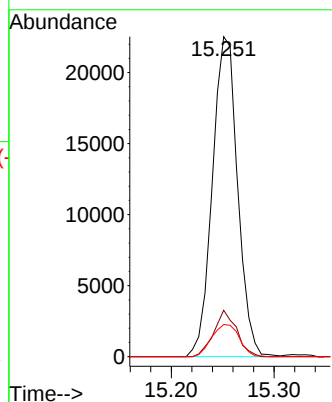
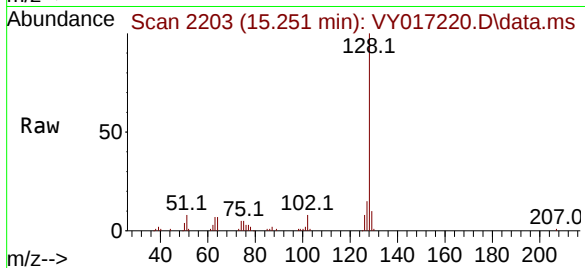
Tgt Ion:128 Resp: 38362

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.643 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY017220.D

Acq: 05 Feb 2024 11:15

Tgt Ion:180 Resp: 19933

Ion Ratio Lower Upper

180 100

182 97.2 46.3 138.8

145 33.9 16.1 48.2

