

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009024.D
 Acq On : 23 May 2022 22:52
 Operator : KP/MD
 Sample : VY0523SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS03

Quant Time: May 24 01:52:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	107296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	180697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	174663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	95070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	45454	41.162	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.320%
35) Dibromofluoromethane	7.716	113	46475	41.361	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.720%
50) Toluene-d8	10.179	98	150220	36.239	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	72.480%
62) 4-Bromofluorobenzene	12.477	95	69321	41.456	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19608	19.981	ug/l	99
3) Chloromethane	2.113	50	32534	23.141	ug/l	96
4) Vinyl Chloride	2.247	62	48208	23.145	ug/l	99
5) Bromomethane	2.625	94	51684	25.314	ug/l	98
6) Chloroethane	2.784	64	36222	24.547	ug/l	99
7) Trichlorofluoromethane	3.119	101	37272	21.071	ug/l	97
8) Diethyl Ether	3.521	74	11804	21.342	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	22171	20.394	ug/l	94
10) Methyl Iodide	4.082	142	21819	19.437	ug/l	89
11) Tert butyl alcohol	4.942	59	12020	107.313	ug/l	97
12) 1,1-Dichloroethene	3.869	96	20898	20.708	ug/l	89
13) Acrolein	3.729	56	4838	131.223	ug/l	99
14) Allyl chloride	4.472	41	30419	20.001	ug/l #	87
15) Acrylonitrile	5.149	53	33158	107.071	ug/l	97
16) Acetone	3.936	43	25027	108.878	ug/l	99
17) Carbon Disulfide	4.192	76	64651	19.609	ug/l	96
18) Methyl Acetate	4.478	43	16678	23.300	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	62709	20.702	ug/l	95
20) Methylene Chloride	4.710	84	34843	22.734	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	25132	19.402	ug/l	86
22) Diisopropyl ether	6.112	45	74246	20.320	ug/l	96
23) Vinyl Acetate	6.057	43	242708	100.418	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	44867	20.530	ug/l	98
25) 2-Butanone	6.978	43	43540	106.050	ug/l	91
26) 2,2-Dichloropropane	6.972	77	36711	18.235	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	29238	20.023	ug/l	89
28) Bromochloromethane	7.332	49	16665	22.216	ug/l #	91
29) Tetrahydrofuran	7.344	42	28339	101.616	ug/l #	86
30) Chloroform	7.502	83	48730	20.656	ug/l	96
31) Cyclohexane	7.783	56	40554	18.772	ug/l	85
32) 1,1,1-Trichloroethane	7.697	97	43118	20.146	ug/l	99
36) 1,1-Dichloropropene	7.917	75	37162	19.434	ug/l	99
37) Ethyl Acetate	7.069	43	19499	19.658	ug/l #	95
38) Carbon Tetrachloride	7.892	117	36945	18.469	ug/l	98
39) Methylcyclohexane	9.179	83	45371	18.382	ug/l	91
40) Benzene	8.161	78	108596	19.694	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	27172	53.084	ug/l #	24
42) 1,2-Dichloroethane	8.234	62	33328	20.583	ug/l	94
43) Isopropyl Acetate	8.270	43	37375	20.264	ug/l #	92
44) Trichloroethene	8.935	130	28432	19.473	ug/l	96
45) 1,2-Dichloropropane	9.215	63	26459	19.984	ug/l	98
46) Dibromomethane	9.301	93	16638	19.763	ug/l	90
47) Bromodichloromethane	9.496	83	38581	20.052	ug/l	97
48) Methyl methacrylate	9.289	41	16935	20.563	ug/l #	87
49) 1,4-Dioxane	9.289	88	4565	405.626	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	105391	103.248	ug/l	94
52) Toluene	10.240	92	72157	18.725	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	38412	18.800	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	43122	19.632	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	23325	19.803	ug/l	96
56) Ethyl methacrylate	10.508	69	28150	18.693	ug/l	90
57) 1,3-Dichloropropane	10.788	76	38599	20.089	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.776	63	64558	99.093	ug/l	96
59) 2-Hexanone	10.831	43	71474	102.269	ug/l	91
60) Dibromochloromethane	10.983	129	27890	19.534	ug/l	97
61) 1,2-Dibromoethane	11.087	107	21913	18.774	ug/l	99
64) Tetrachloroethene	10.715	164	24817	19.521	ug/l	96
65) Chlorobenzene	11.514	112	78013	19.460	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	29025	19.773	ug/l	97
67) Ethyl Benzene	11.593	91	137154	18.984	ug/l	100
68) m/p-Xylenes	11.703	106	109434	37.313	ug/l	92
69) o-Xylene	12.026	106	51608	18.949	ug/l	90
70) Styrene	12.044	104	87229	18.624	ug/l	94
71) Bromoform	12.203	173	17203	17.679	ug/l #	99
73) Isopropylbenzene	12.325	105	136703	19.230	ug/l	98
74) N-amyl acetate	12.142	43	34856	21.252	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	29662	20.256	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	36985	36.227	ug/l #	100
77) Bromobenzene	12.605	156	31820	19.310	ug/l	98
78) n-propylbenzene	12.672	91	172122	20.957	ug/l	99
79) 2-Chlorotoluene	12.751	91	92284	19.479	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	114222	19.170	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	8984	18.062	ug/l	95
82) 4-Chlorotoluene	12.855	91	99941	19.723	ug/l	98
83) tert-Butylbenzene	13.074	119	102007	19.297	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	115188	19.474	ug/l	97
85) sec-Butylbenzene	13.251	105	158429	19.588	ug/l	98
86) p-Isopropyltoluene	13.367	119	129225	19.160	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	68973	19.621	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	68360	19.357	ug/l	99
89) n-Butylbenzene	13.696	91	124404	20.162	ug/l	99
90) Hexachloroethane	13.958	117	25804	20.416	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	61664	19.872	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4728	20.796	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	33031	19.396	ug/l	98
94) Hexachlorobutadiene	15.111	225	17711	19.082	ug/l	96
95) Naphthalene	15.233	128	66081	19.316	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	27890	18.846	ug/l	98

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ClientSampleId :
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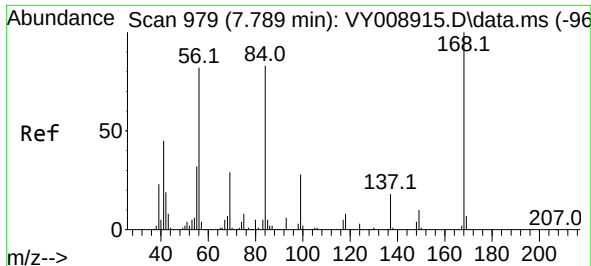
Quant Time: May 24 01:52:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

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

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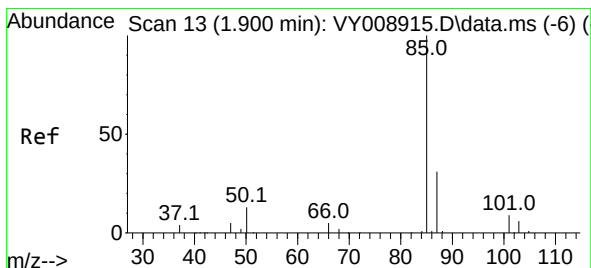
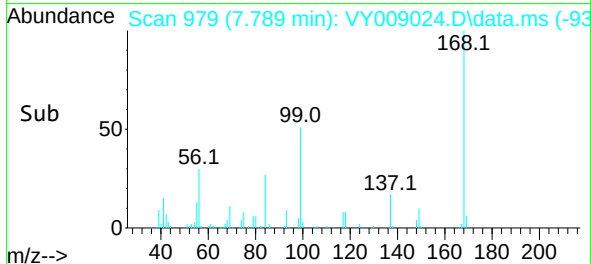
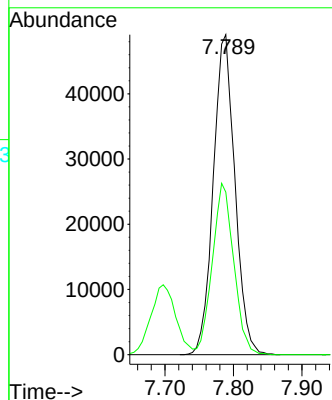
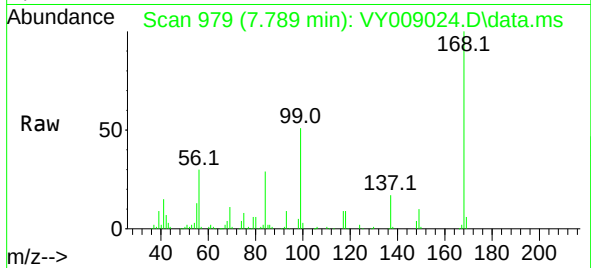




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009024.D
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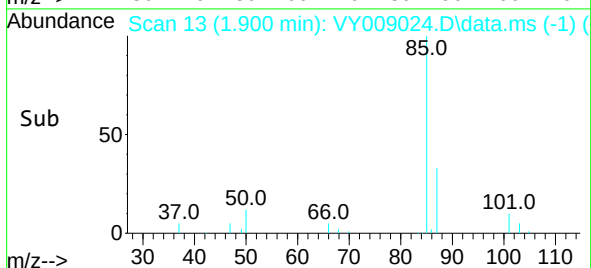
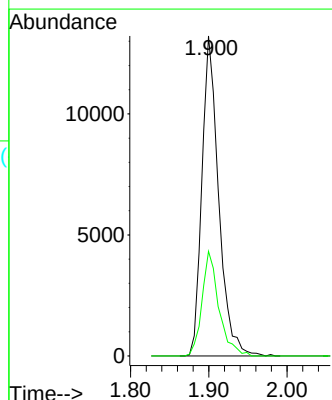
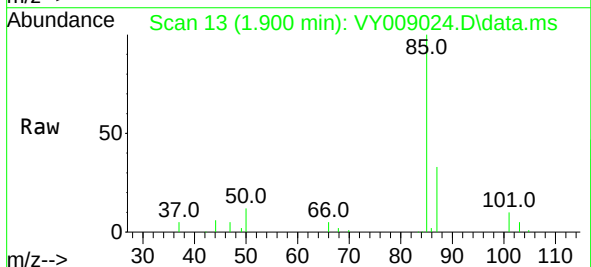
Instrument :
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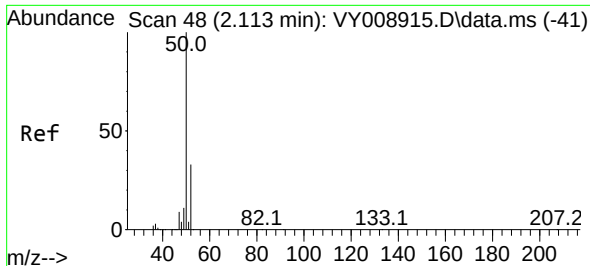
Tgt Ion:168 Resp: 107296
Ion Ratio Lower Upper
168 100
99 50.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 19.981 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion: 85 Resp: 19608
Ion Ratio Lower Upper
85 100
87 32.7 16.1 48.2

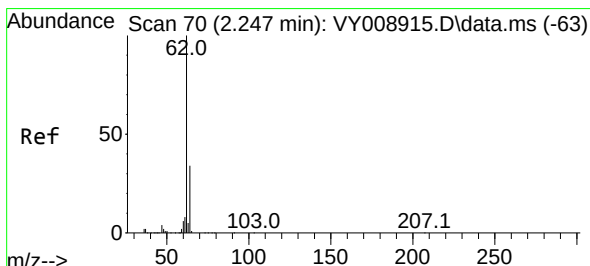
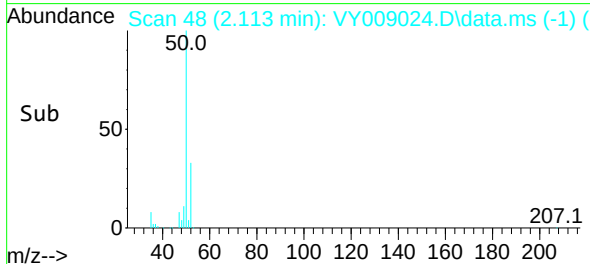
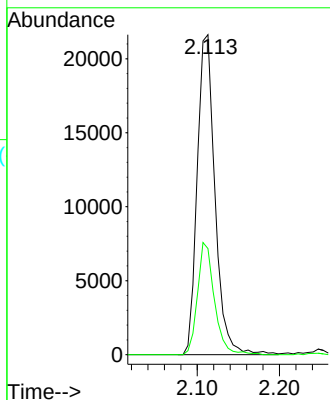
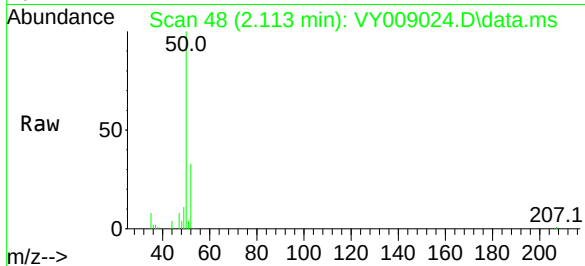




#3
Chloromethane
Concen: 23.141 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

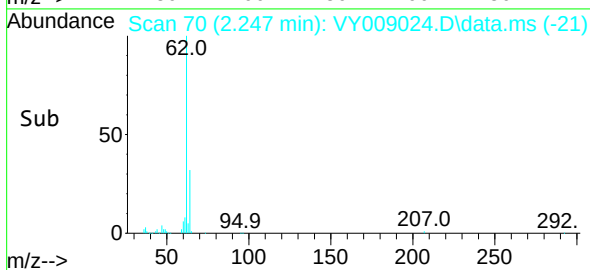
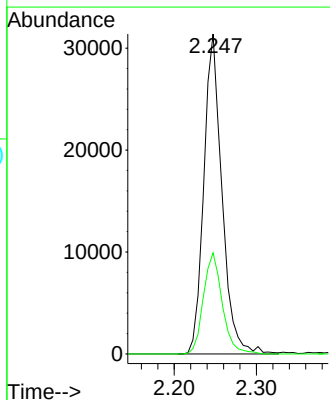
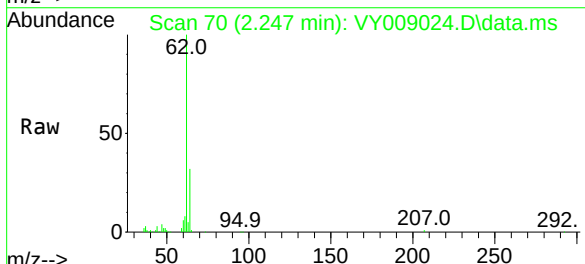
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ClientSampleId :
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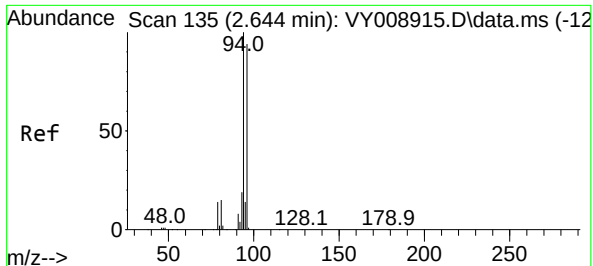
Tgt Ion: 50 Resp: 32534
Ion Ratio Lower Upper
50 100
52 33.1 24.6 37.0



#4
Vinyl Chloride
Concen: 23.145 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion: 62 Resp: 48208
Ion Ratio Lower Upper
62 100
64 31.6 25.0 37.6

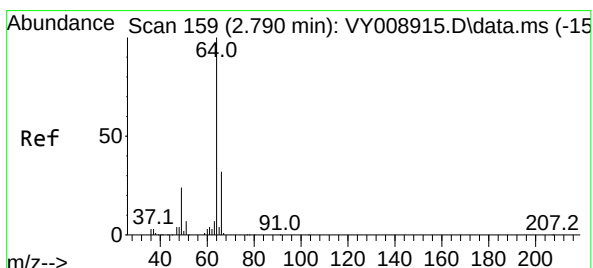
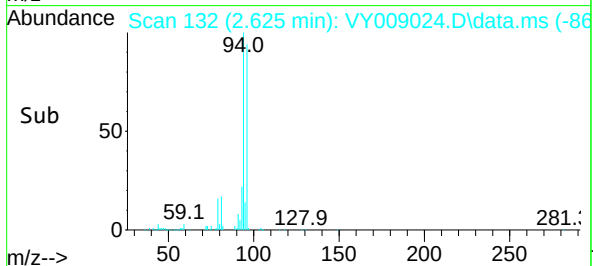
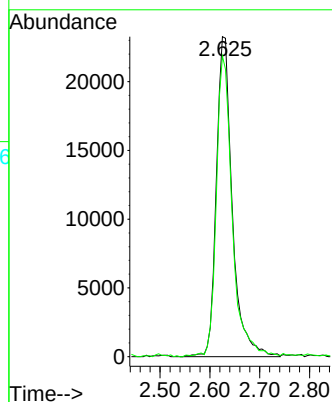
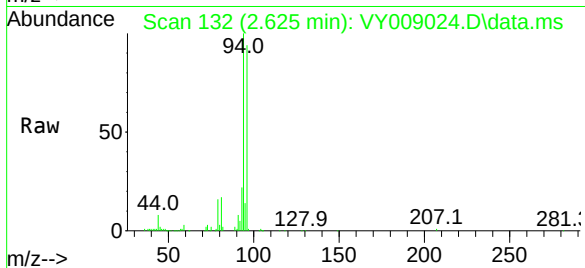




#5
Bromomethane
Concen: 25.314 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

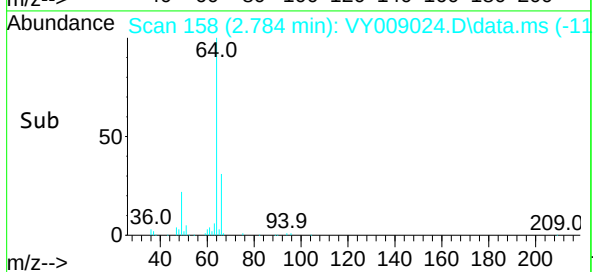
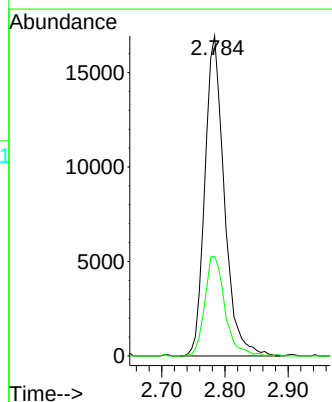
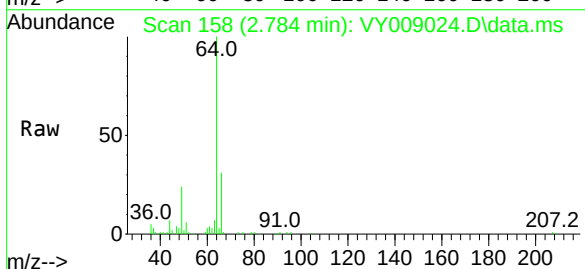
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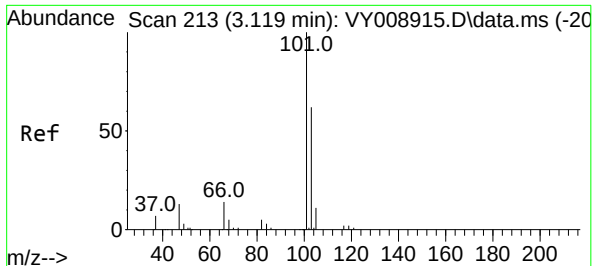
Tgt Ion: 94 Resp: 51684
Ion Ratio Lower Upper
94 100
96 93.9 73.5 110.3



#6
Chloroethane
Concen: 24.547 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion: 64 Resp: 36222
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.0

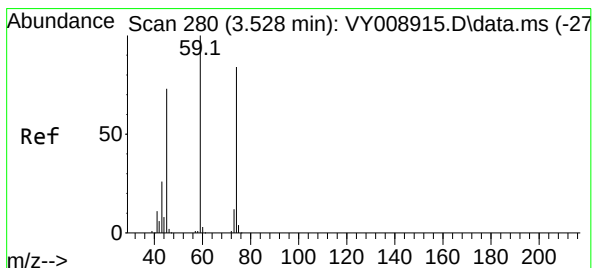
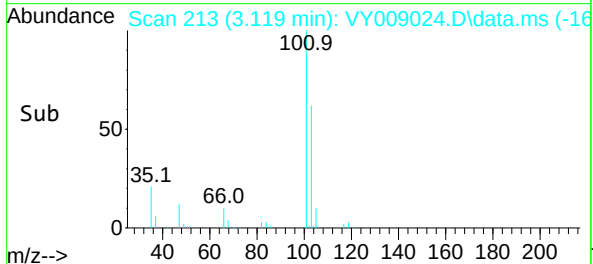
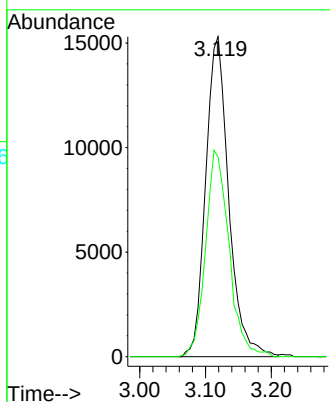
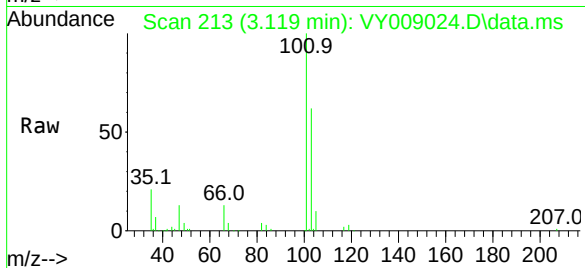




#7
 Trichlorofluoromethane
 Concen: 21.071 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VY009024.D
 Acq: 23 May 2022 22:52

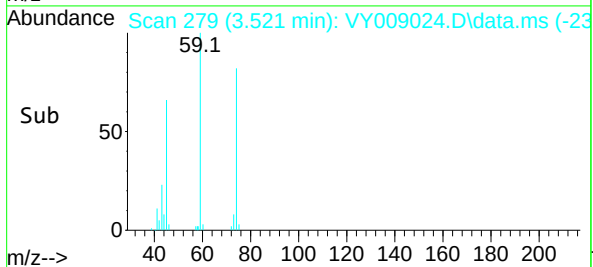
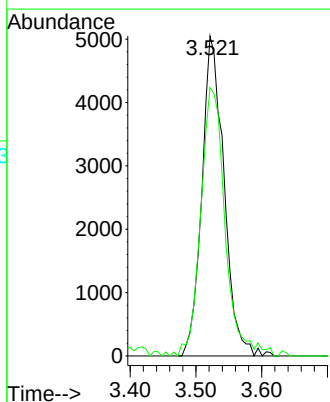
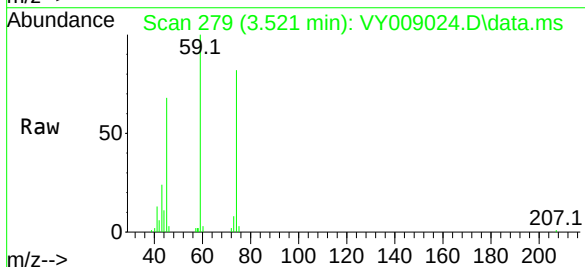
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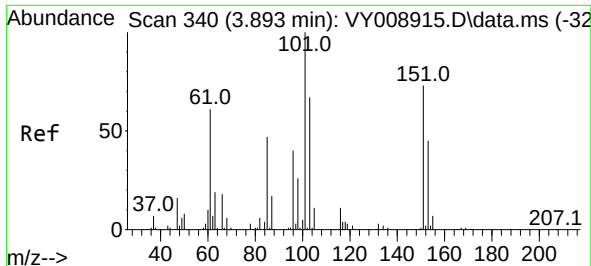
Tgt Ion:101 Resp: 37272
 Ion Ratio Lower Upper
 101 100
 103 62.4 48.0 72.0



#8
 Diethyl Ether
 Concen: 21.342 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.007 min
 Lab File: VY009024.D
 Acq: 23 May 2022 22:52

Tgt Ion: 74 Resp: 11804
 Ion Ratio Lower Upper
 74 100
 45 92.1 55.1 165.5

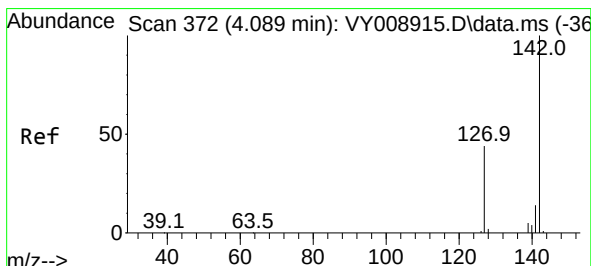
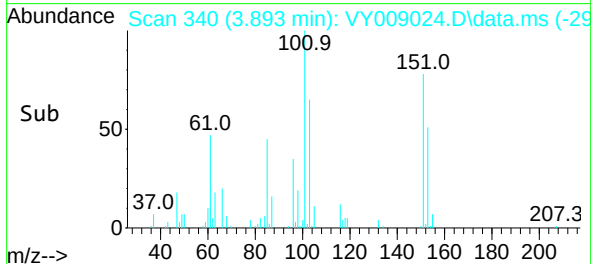
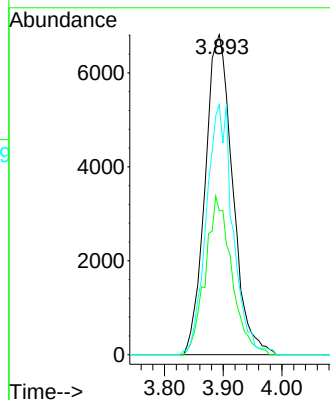
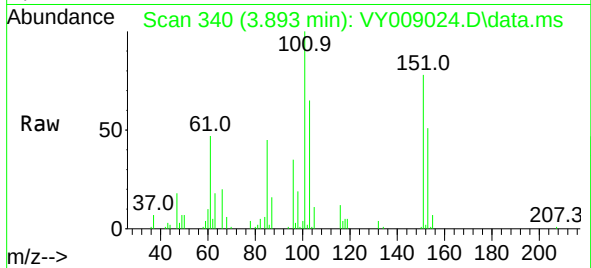




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.394 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY009024.D
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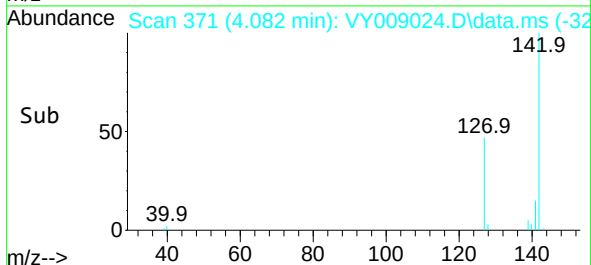
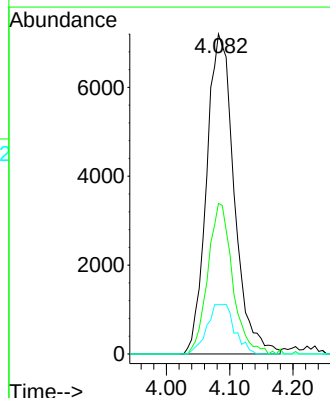
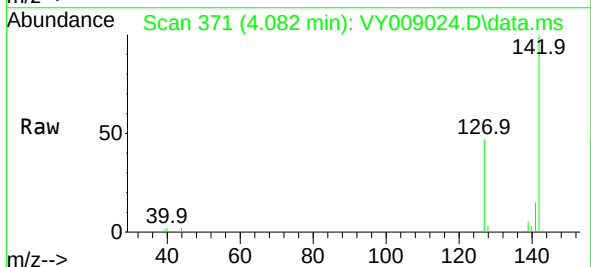
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS03

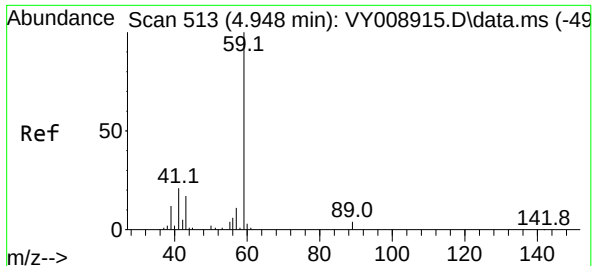
Tgt Ion:101 Resp: 22171
Ion Ratio Lower Upper
101 100
85 47.2 40.6 60.8
151 75.7 64.9 97.3



#10
Methyl Iodide
Concen: 19.437 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.007 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion:142 Resp: 21819
Ion Ratio Lower Upper
142 100
127 42.2 41.5 62.3
141 15.4 11.9 17.9

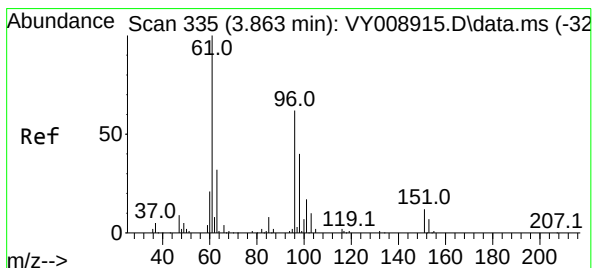
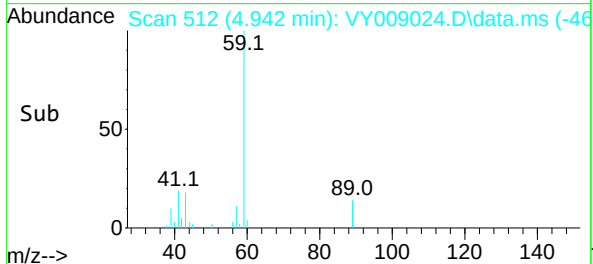
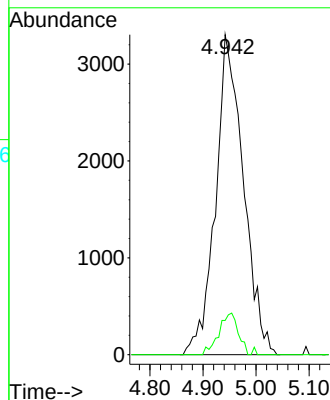
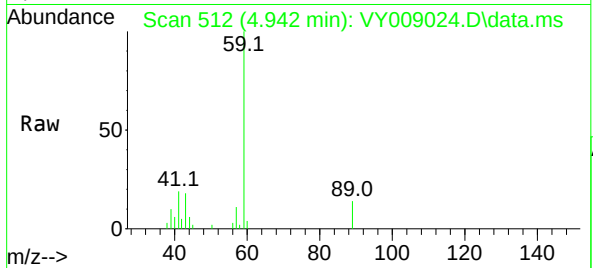




#11
Tert butyl alcohol
Concen: 107.313 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

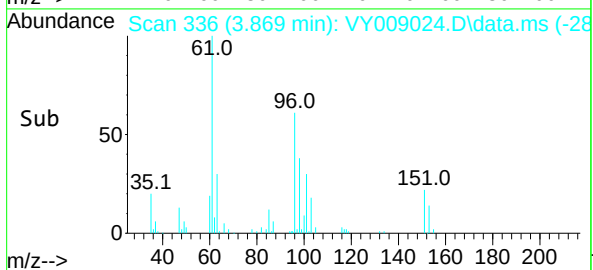
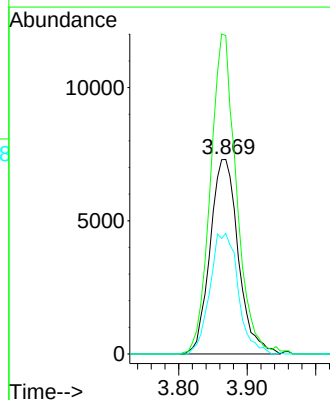
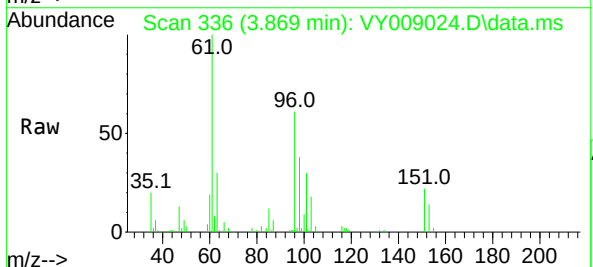
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS03

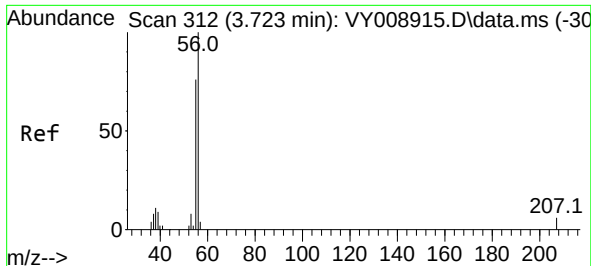
Tgt Ion: 59 Resp: 12020
Ion Ratio Lower Upper
59 100
57 9.1 6.4 9.6



#12
1,1-Dichloroethene
Concen: 20.708 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

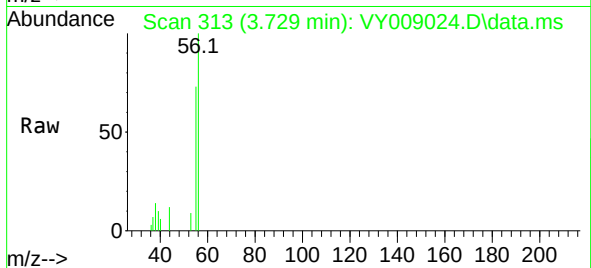
Tgt Ion: 96 Resp: 20898
Ion Ratio Lower Upper
96 100
61 163.6 145.8 218.6
98 62.0 52.5 78.7



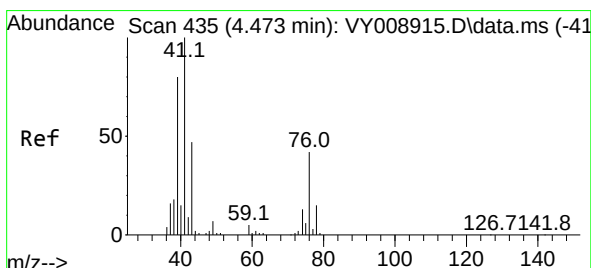
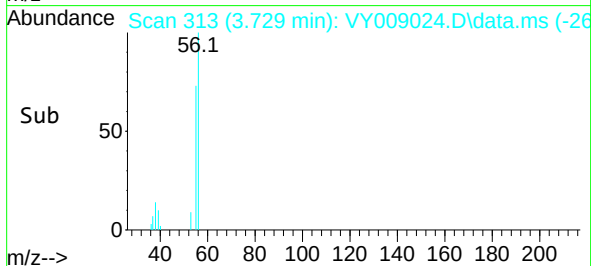
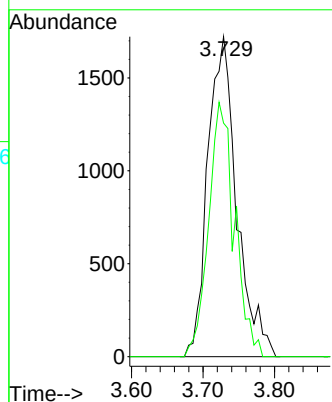


#13
Acrolein
Concen: 131.223 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS03

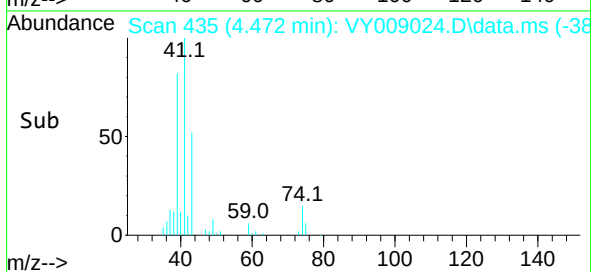
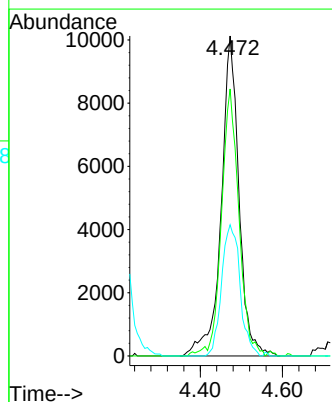
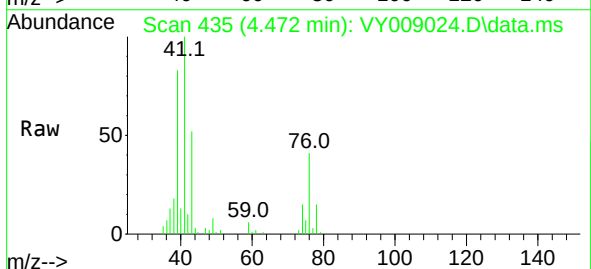


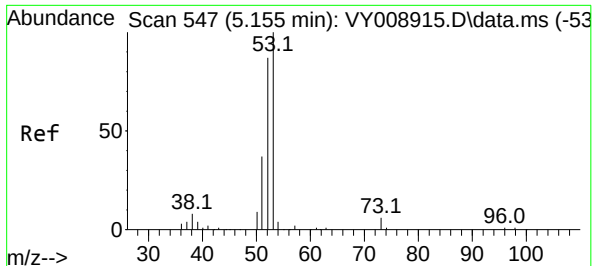
Tgt Ion: 56 Resp: 4838
Ion Ratio Lower Upper
56 100
55 71.2 57.6 86.4



#14
Allyl chloride
Concen: 20.001 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion: 41 Resp: 30419
Ion Ratio Lower Upper
41 100
39 81.9 58.8 88.2
76 42.5 25.1 37.7#





#15

Acrylonitrile

Concen: 107.071 ug/l

RT: 5.149 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY009024.D

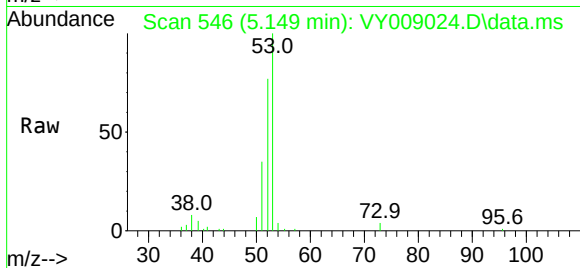
Acq: 23 May 2022 22:52

Instrument :

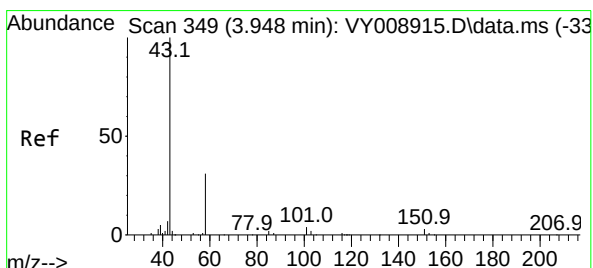
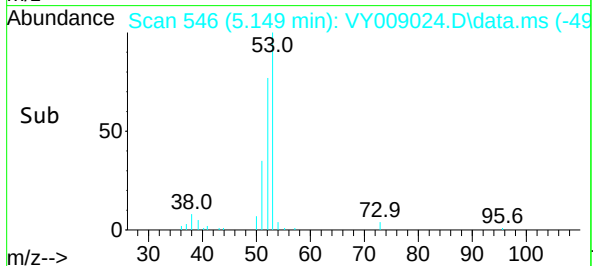
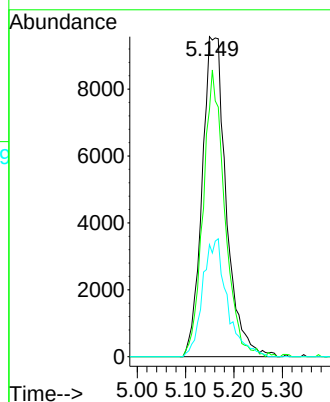
MSVOA_Y

ClientSampleId :

VY0523SBS03



Tgt Ion:	53	Resp:	33158
Ion	Ratio	Lower	Upper
53	100		
52	80.1	67.0	100.4
51	37.5	29.8	44.6



#16

Acetone

Concen: 108.878 ug/l

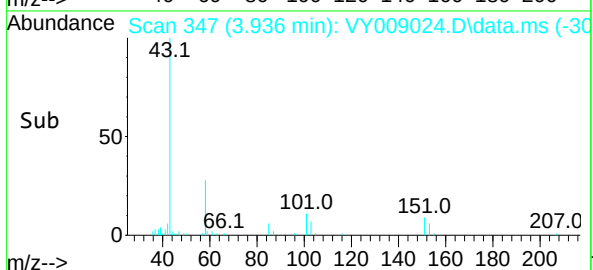
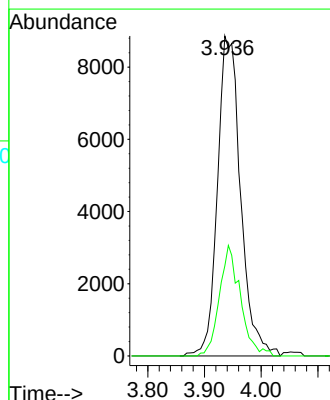
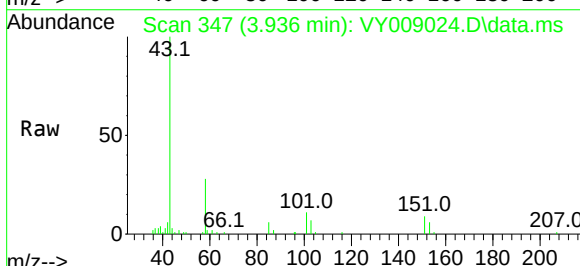
RT: 3.936 min Scan# 347

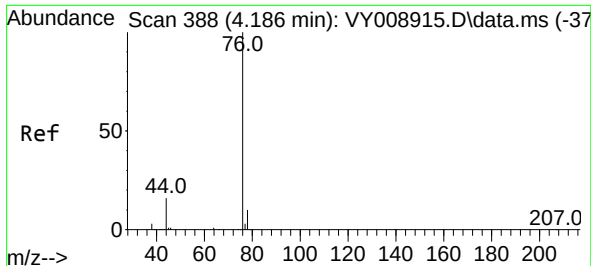
Delta R.T. -0.012 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Tgt Ion:	43	Resp:	25027
Ion	Ratio	Lower	Upper
43	100		
58	28.1	22.0	33.0

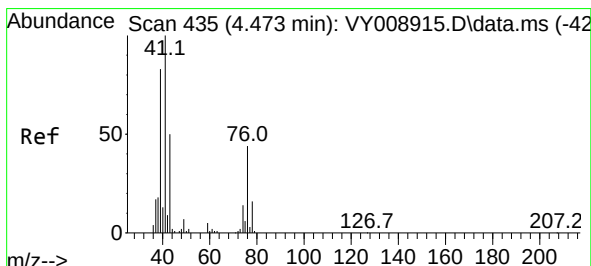
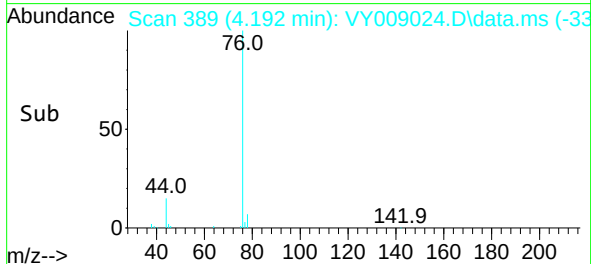
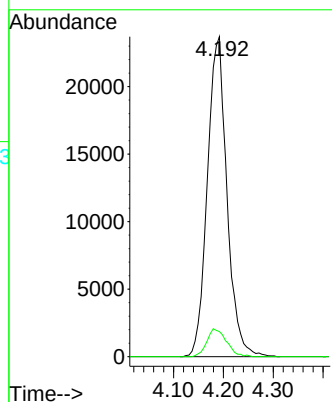
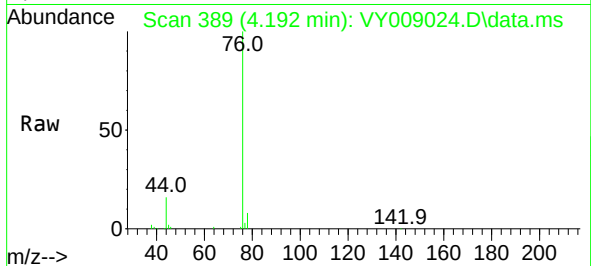




#17
Carbon Disulfide
Concen: 19.609 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

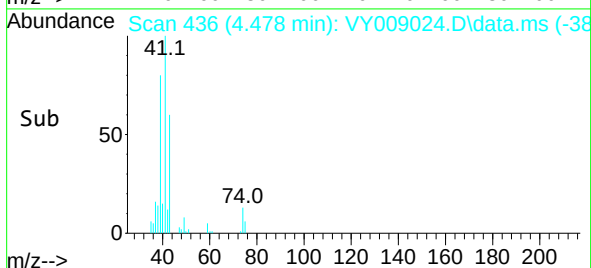
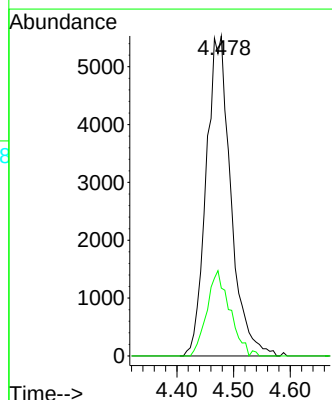
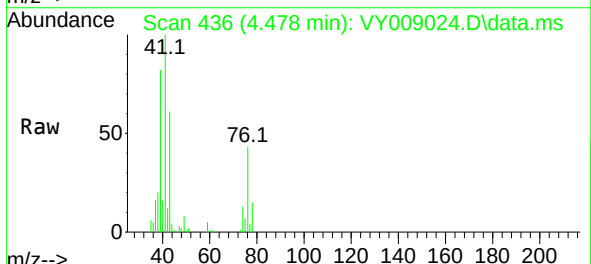
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS03

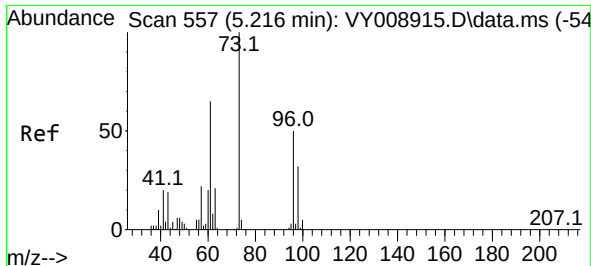
Tgt Ion: 76 Resp: 64651
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0



#18
Methyl Acetate
Concen: 23.300 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion: 43 Resp: 16678
Ion Ratio Lower Upper
43 100
74 25.0 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 20.702 ug/l

RT: 5.216 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Instrument :

MSVOA_Y

ClientSampleId :

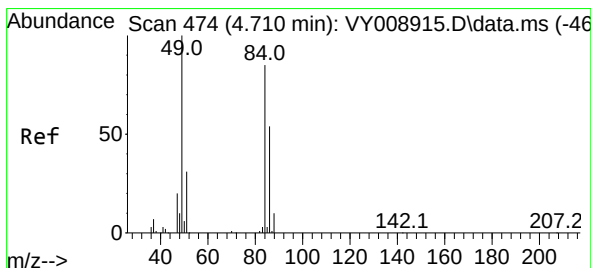
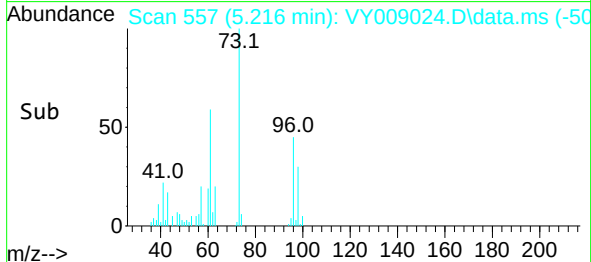
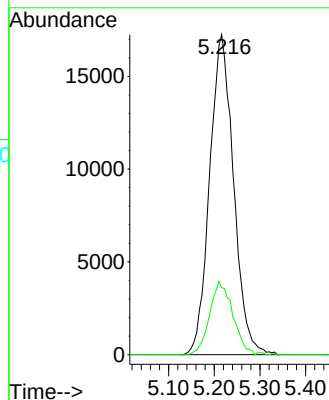
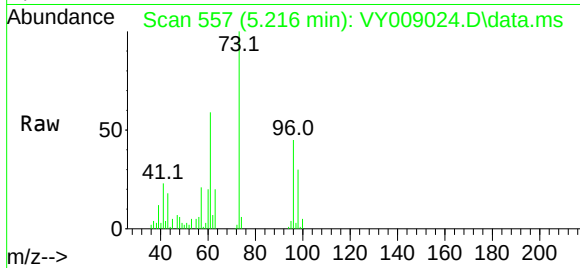
VY0523SBS03

Tgt Ion: 73 Resp: 62709

Ion Ratio Lower Upper

73 100

57 21.0 18.6 27.8



#20

Methylene Chloride

Concen: 22.734 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Tgt Ion: 84 Resp: 34843

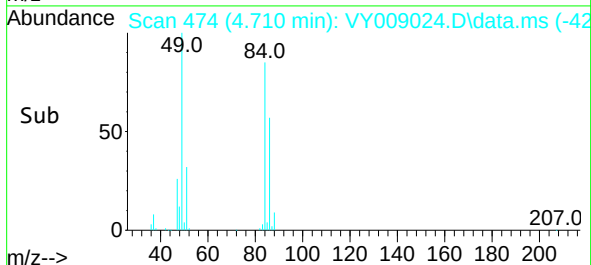
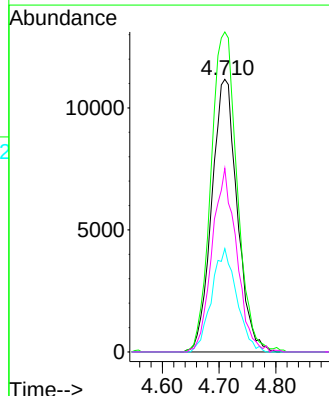
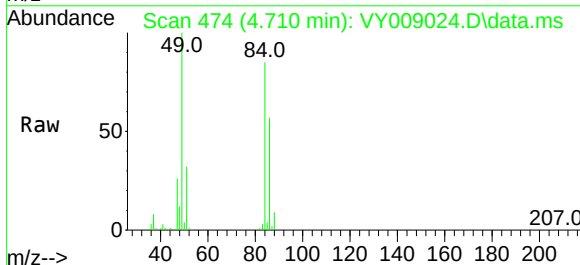
Ion Ratio Lower Upper

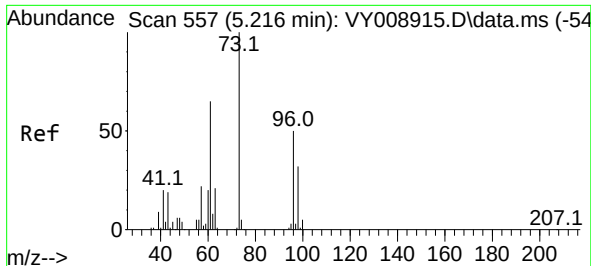
84 100

49 117.4 114.4 171.6

51 37.9 35.3 52.9

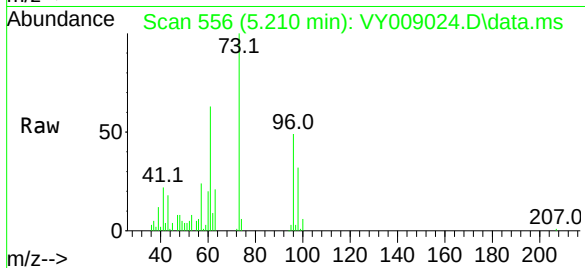
86 67.4 53.7 80.5



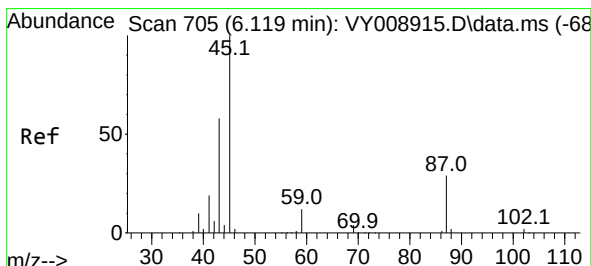
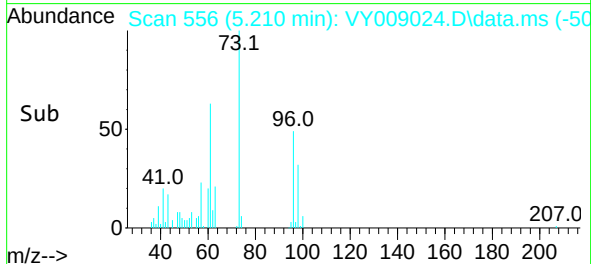
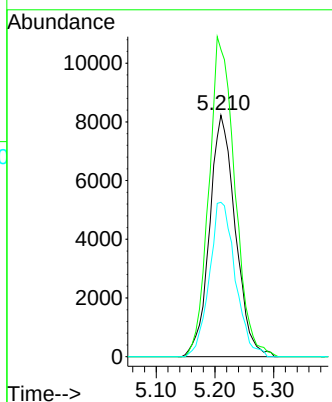


#21
trans-1,2-Dichloroethene
Concen: 19.402 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS03

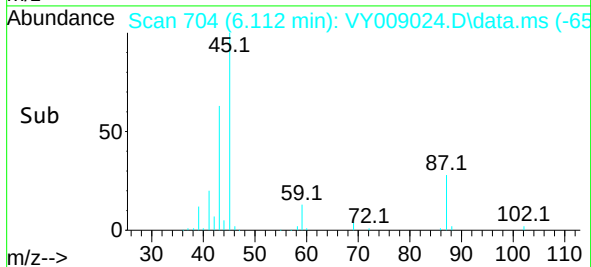
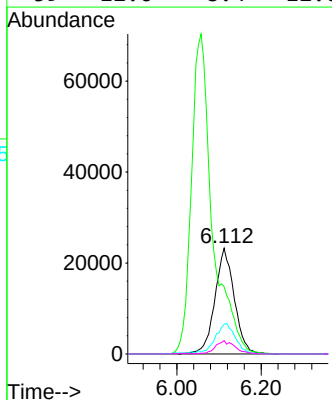
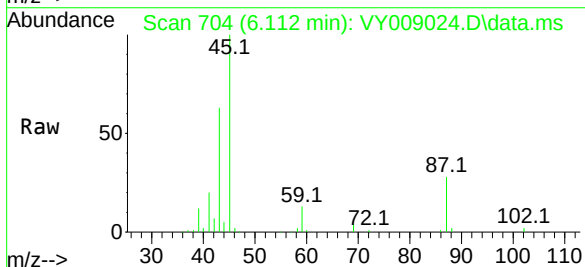


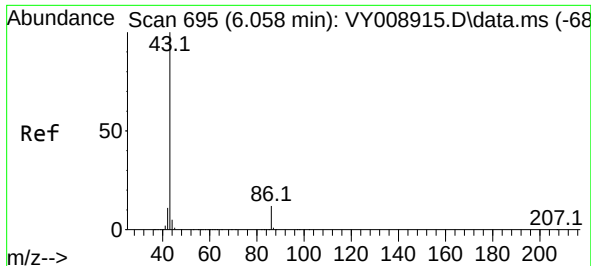
Tgt Ion: 96 Resp: 25132
Ion Ratio Lower Upper
96 100
61 127.2 120.5 180.7
98 63.9 49.8 74.8



#22
Diisopropyl ether
Concen: 20.320 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion: 45 Resp: 74246
Ion Ratio Lower Upper
45 100
43 63.1 49.3 73.9
87 28.2 19.2 28.8
59 12.6 8.4 12.6

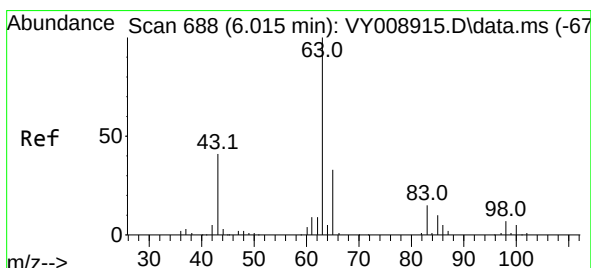
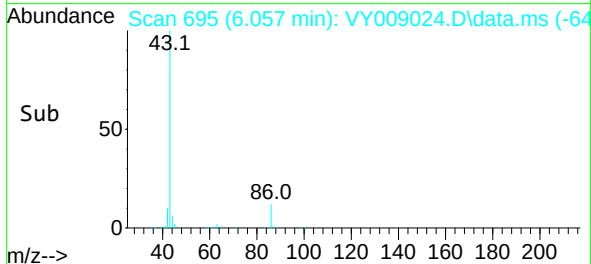
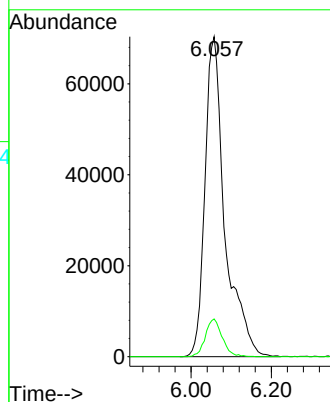
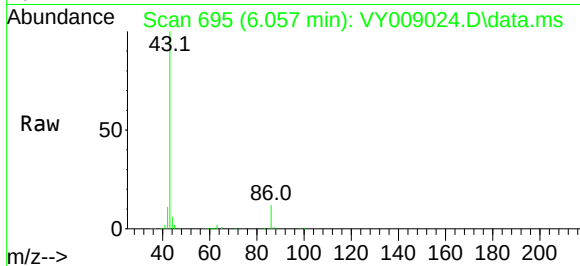




#23
 Vinyl Acetate
 Concen: 100.418 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY009024.D
 Acq: 23 May 2022 22:52

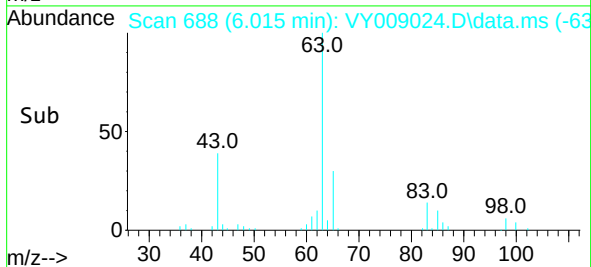
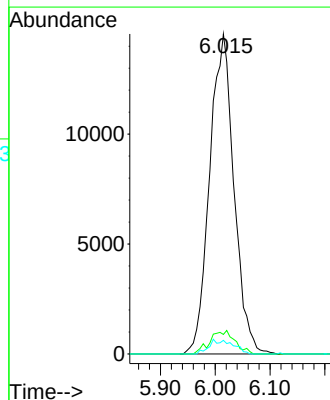
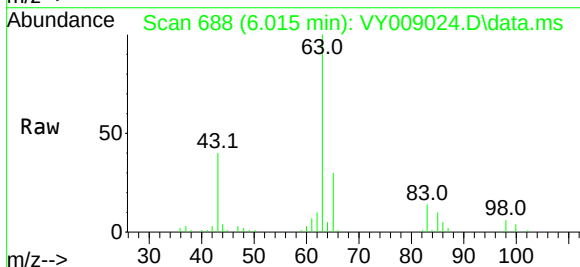
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS03

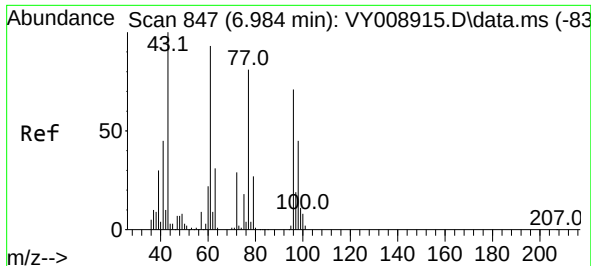
Tgt Ion: 43 Resp: 242708
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.530 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY009024.D
 Acq: 23 May 2022 22:52

Tgt Ion: 63 Resp: 44867
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.6 10.8
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 106.050 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Instrument :

MSVOA_Y

ClientSampleId :

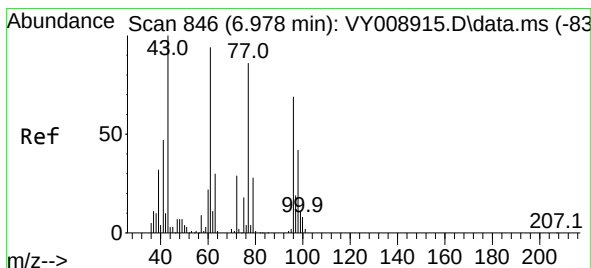
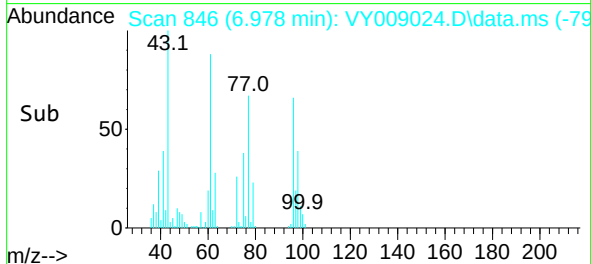
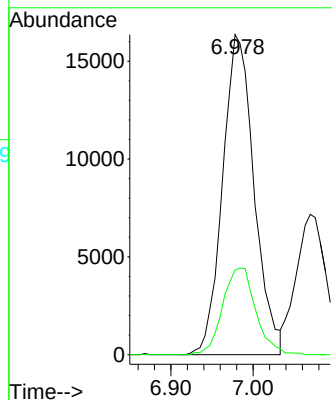
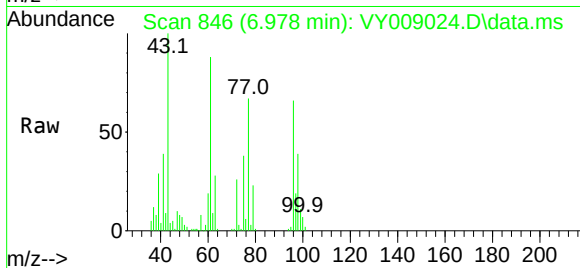
VY0523SBS03

Tgt Ion: 43 Resp: 43540

Ion Ratio Lower Upper

43 100

72 26.4 17.7 26.5



#26

2,2-Dichloropropane

Concen: 18.235 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009024.D

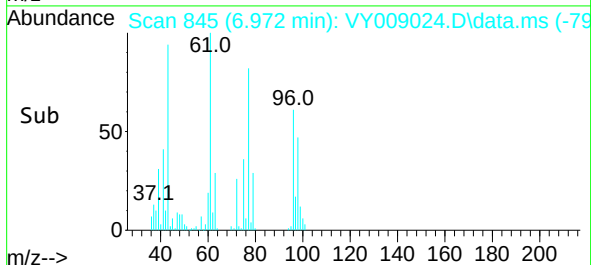
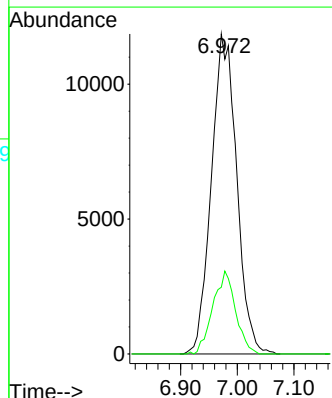
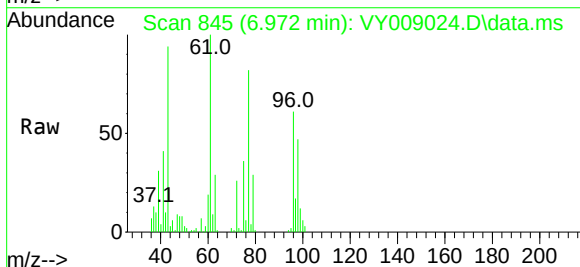
Acq: 23 May 2022 22:52

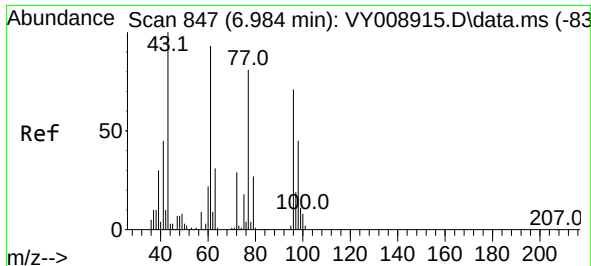
Tgt Ion: 77 Resp: 36711

Ion Ratio Lower Upper

77 100

97 23.2 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 20.023 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS03

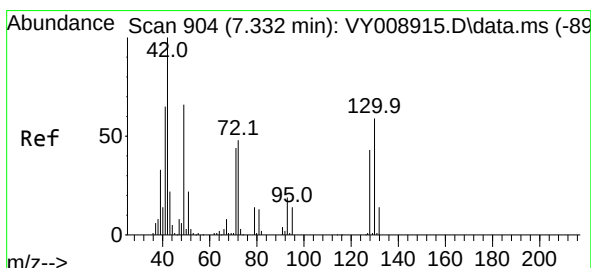
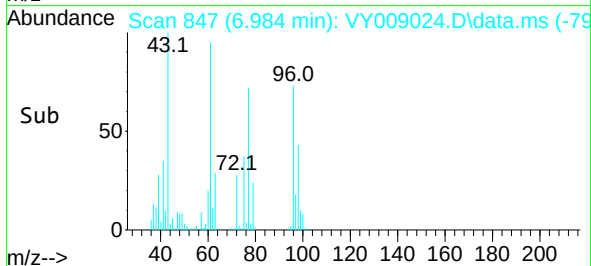
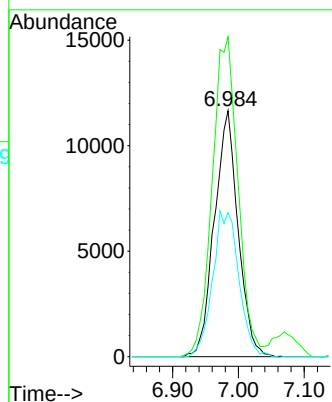
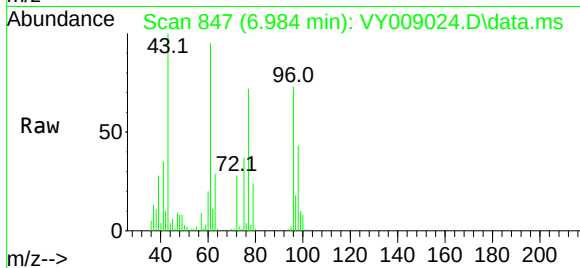
Tgt Ion: 96 Resp: 29238

Ion Ratio Lower Upper

96 100

61 141.3 0.0 319.8

98 65.4 0.0 127.0



#28

Bromochloromethane

Concen: 22.216 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

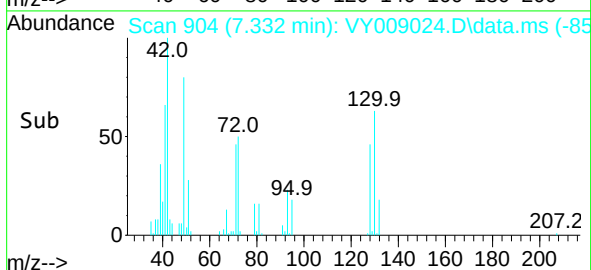
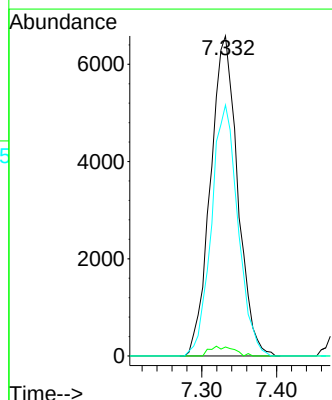
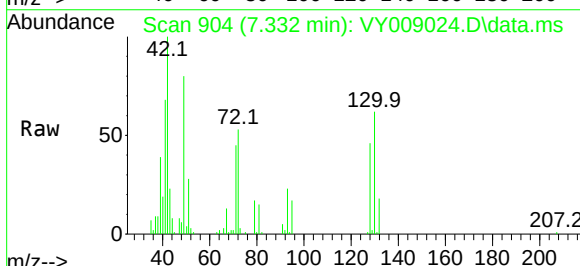
Tgt Ion: 49 Resp: 16665

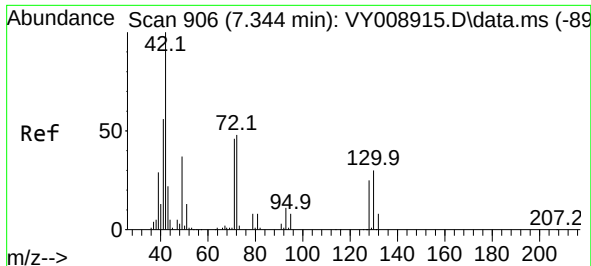
Ion Ratio Lower Upper

49 100

129 2.7 0.0 2.2#

130 76.5 55.4 83.0





#29

Tetrahydrofuran

Concen: 101.616 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS03

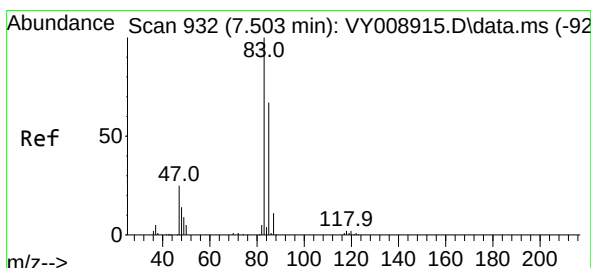
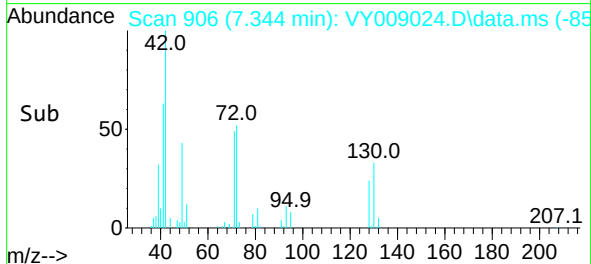
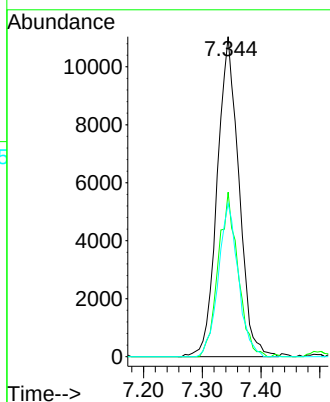
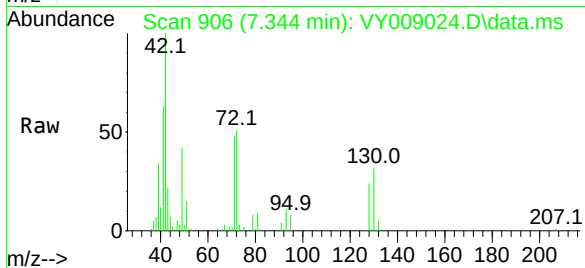
Tgt Ion: 42 Resp: 28339

Ion Ratio Lower Upper

42 100

72 46.9 30.3 45.5#

71 43.9 29.0 43.4#



#30

Chloroform

Concen: 20.656 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.001 min

Lab File: VY009024.D

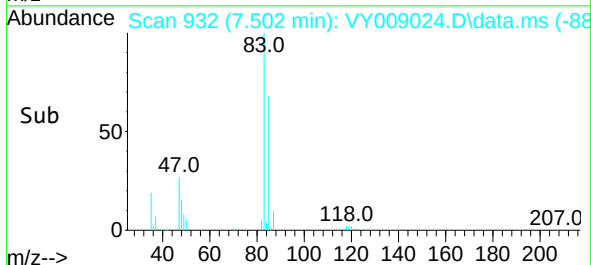
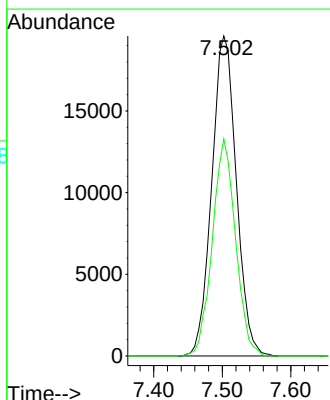
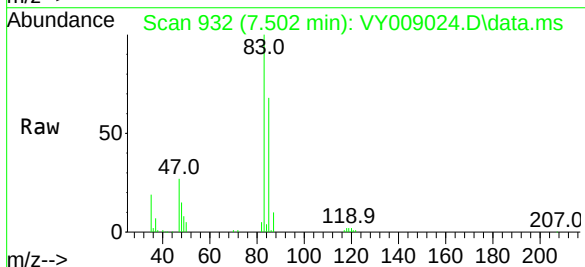
Acq: 23 May 2022 22:52

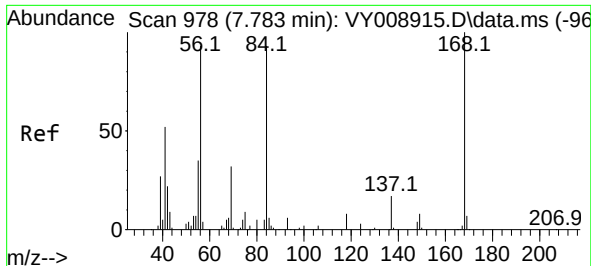
Tgt Ion: 83 Resp: 48730

Ion Ratio Lower Upper

83 100

85 67.9 51.8 77.6

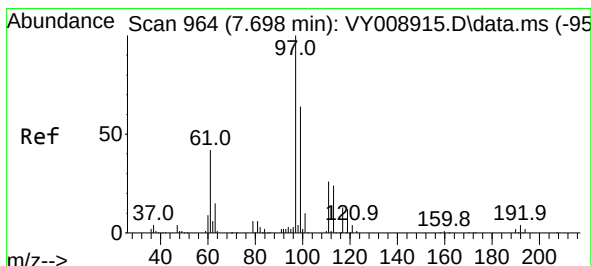
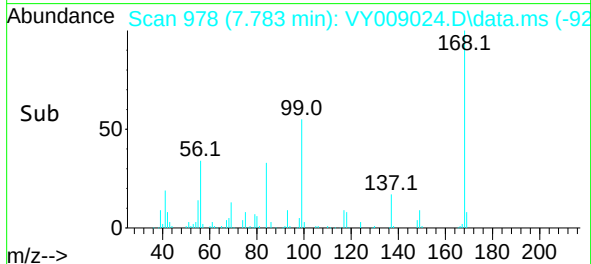
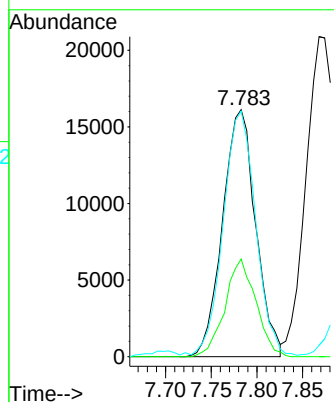
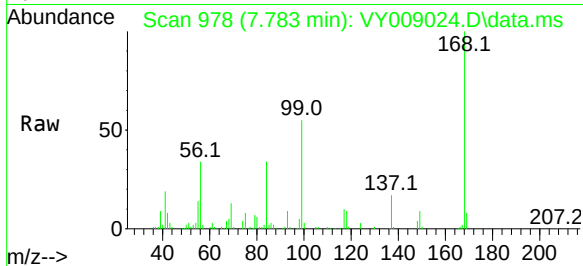




#31
Cyclohexane
Concen: 18.772 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

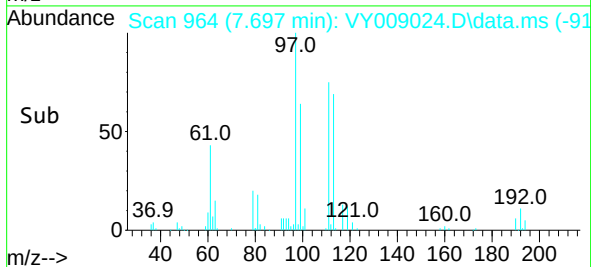
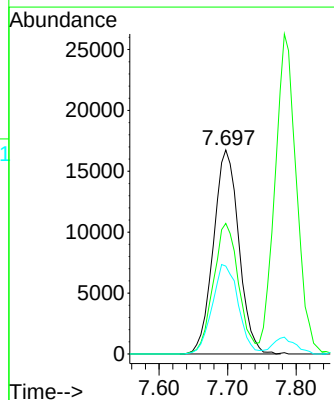
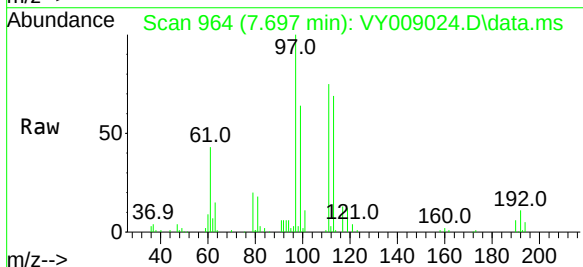
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS03

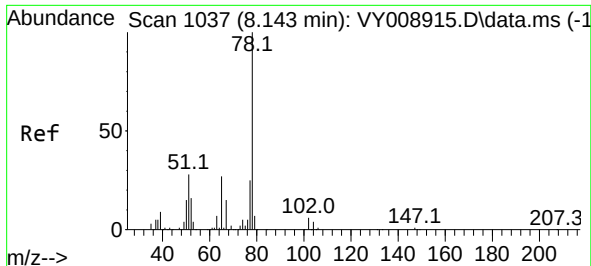
Tgt Ion: 56 Resp: 40554
Ion Ratio Lower Upper
56 100
69 39.5 26.7 40.1
84 98.7 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 20.146 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion: 97 Resp: 43118
Ion Ratio Lower Upper
97 100
99 63.3 50.7 76.1
61 44.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 41.162 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Instrument :

MSVOA_Y

ClientSampleId :

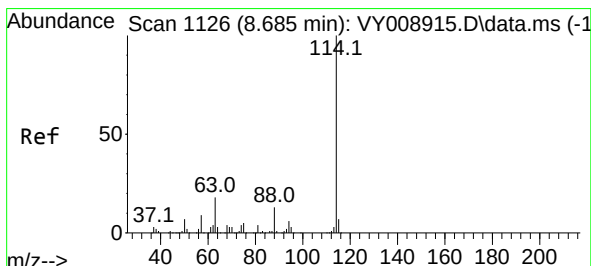
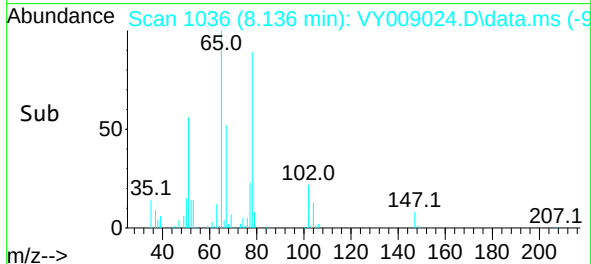
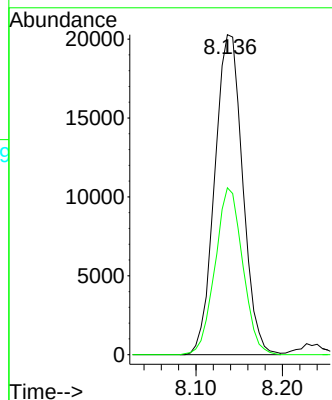
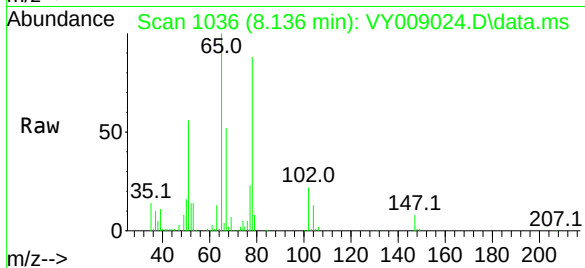
VY0523SBS03

Tgt Ion: 65 Resp: 45454

Ion Ratio Lower Upper

65 100

67 51.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

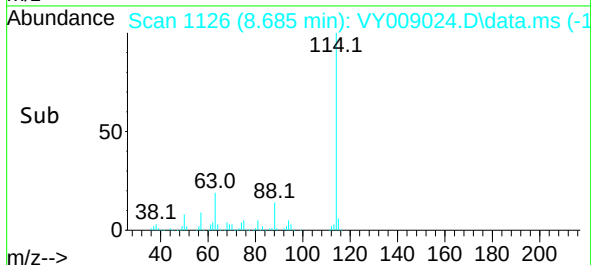
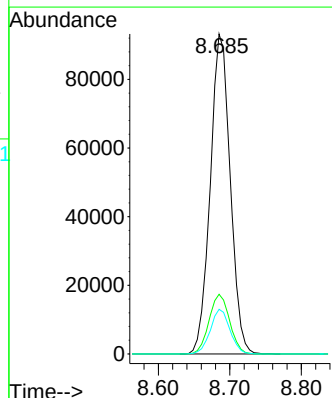
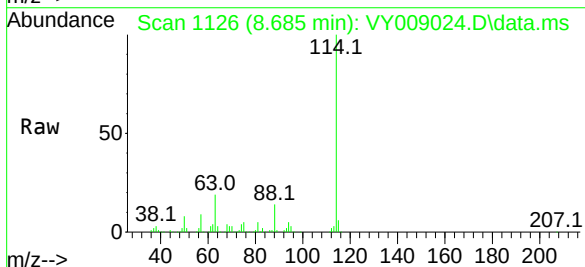
Tgt Ion:114 Resp: 180697

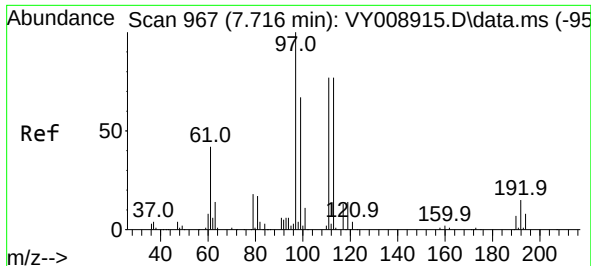
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 13.9 0.0 31.8

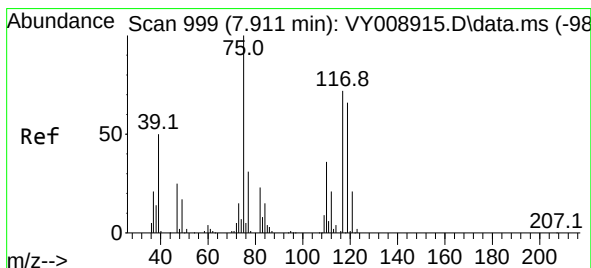
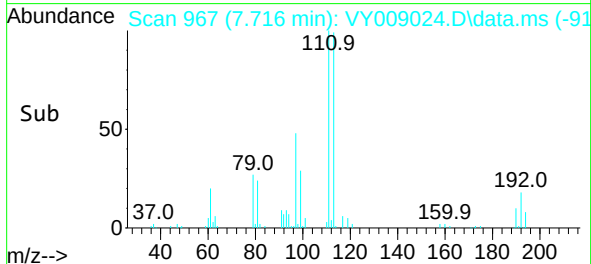
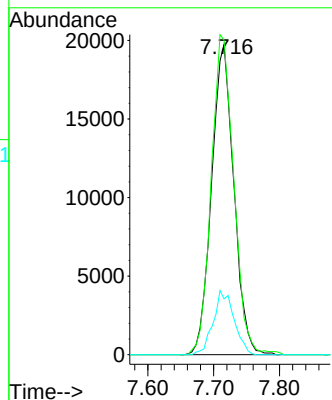
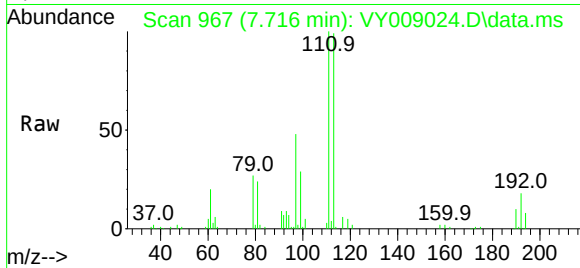




#35
Dibromofluoromethane
Concen: 41.361 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

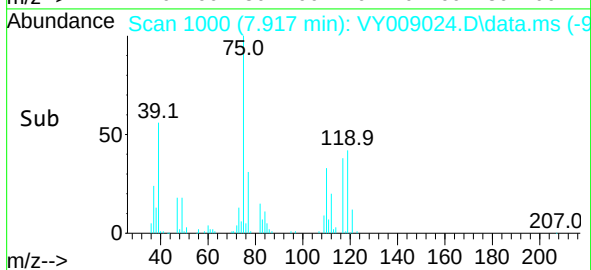
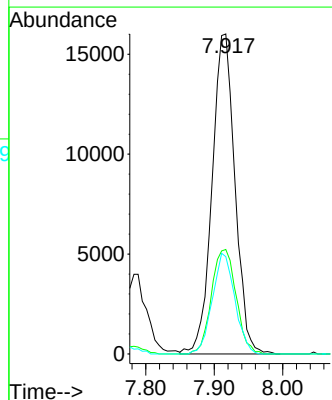
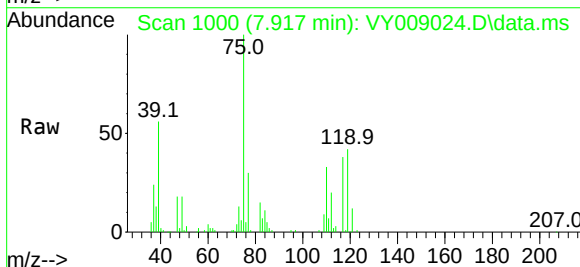
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS03

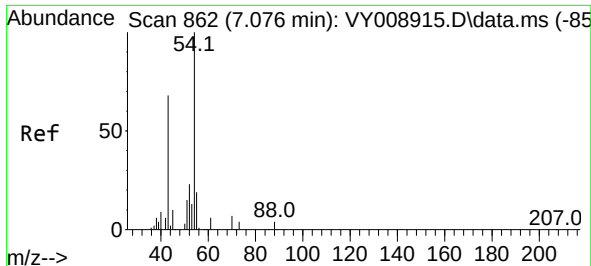
Tgt Ion:113 Resp: 46475
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 19.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 19.434 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion: 75 Resp: 37162
Ion Ratio Lower Upper
75 100
110 35.1 17.1 51.2
77 30.9 24.4 36.6

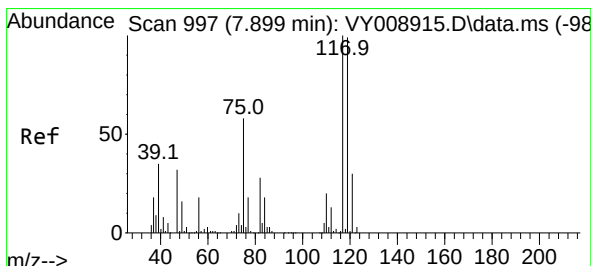
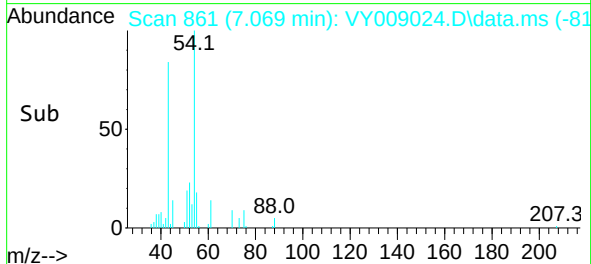
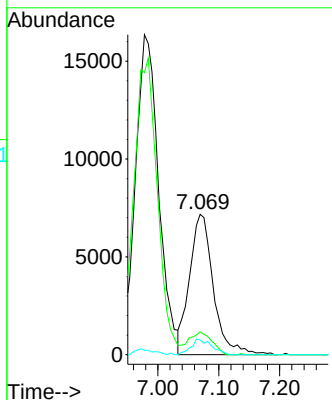
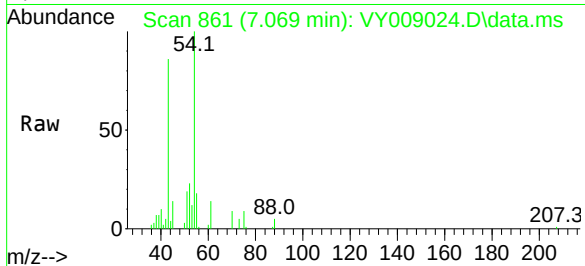




#37
Ethyl Acetate
Concen: 19.658 ug/l
RT: 7.069 min Scan# 80
Delta R.T. -0.007 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

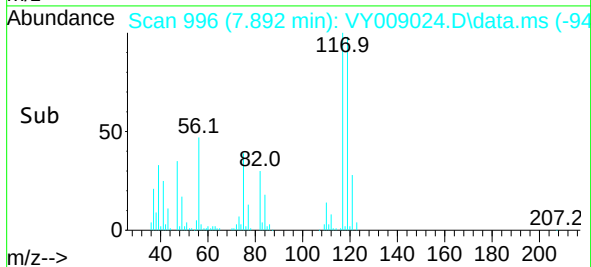
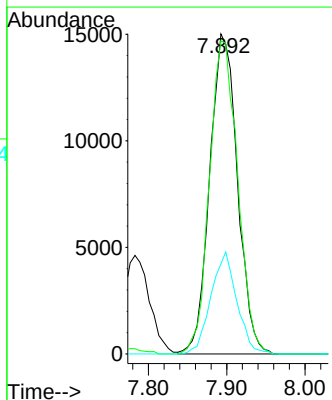
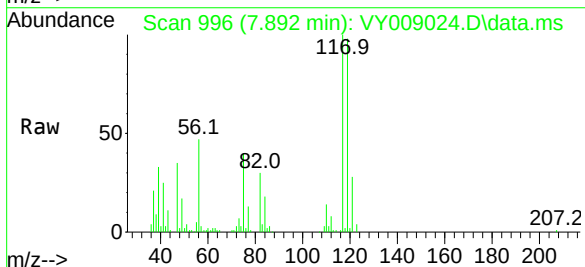
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS03

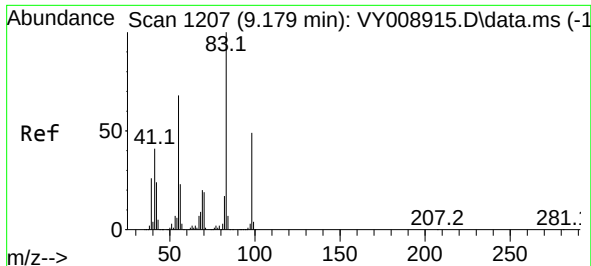
Tgt Ion: 43 Resp: 19499
Ion Ratio Lower Upper
43 100
61 15.3 9.7 14.5#
70 9.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 18.469 ug/l
RT: 7.892 min Scan# 996
Delta R.T. -0.007 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion: 117 Resp: 36945
Ion Ratio Lower Upper
117 100
119 97.8 77.9 116.9
121 28.1 24.8 37.2





#39

Methylcyclohexane

Concen: 18.382 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS03

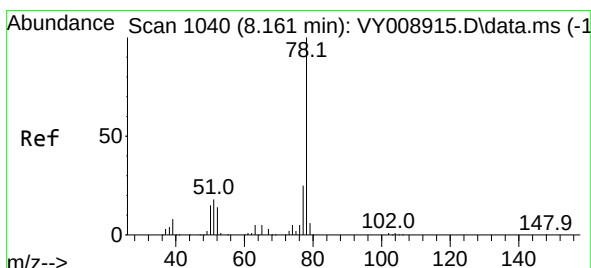
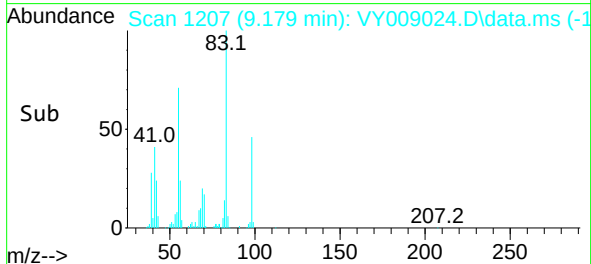
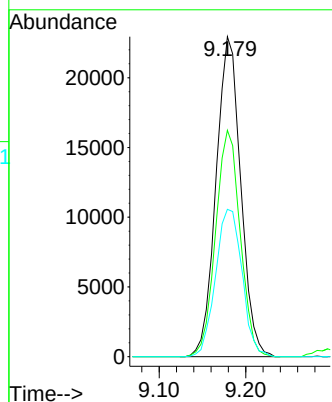
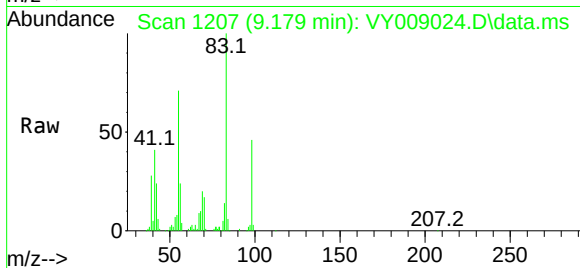
Tgt Ion: 83 Resp: 45371

Ion Ratio Lower Upper

83 100

55 70.7 66.5 99.7

98 46.1 37.9 56.9



#40

Benzene

Concen: 19.694 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY009024.D

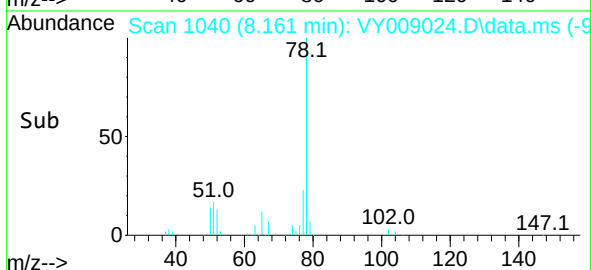
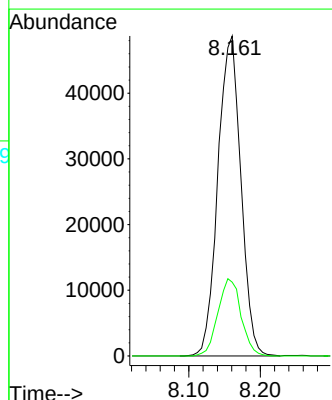
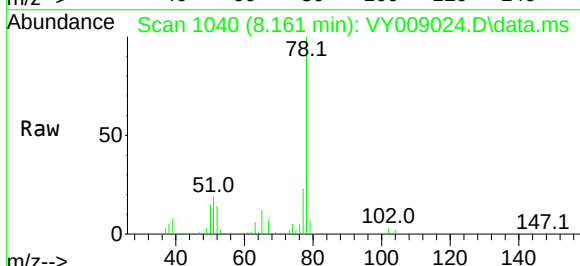
Acq: 23 May 2022 22:52

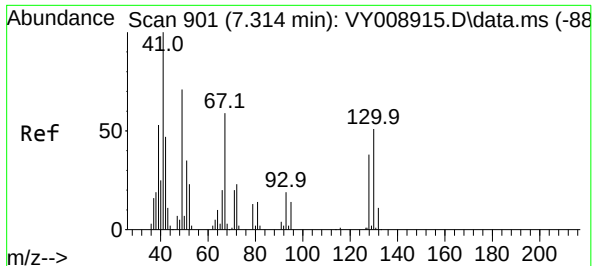
Tgt Ion: 78 Resp: 108596

Ion Ratio Lower Upper

78 100

77 23.0 20.4 30.6

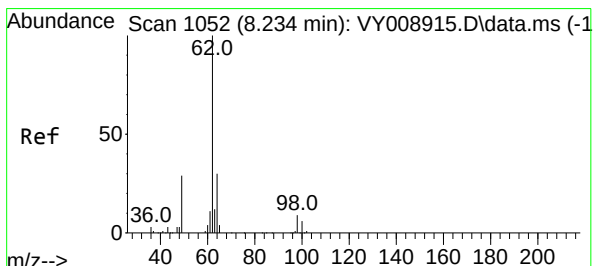
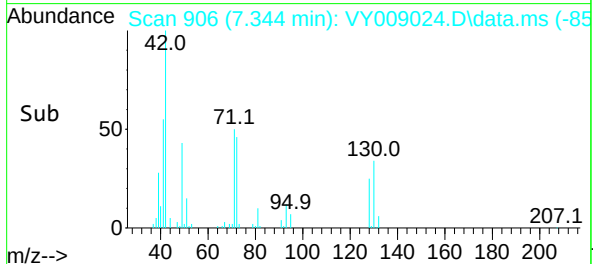
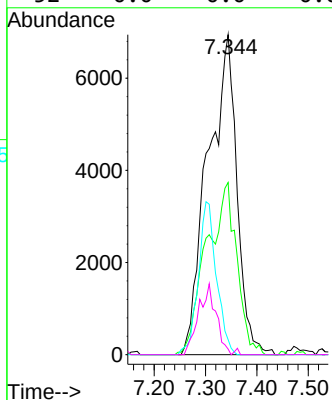
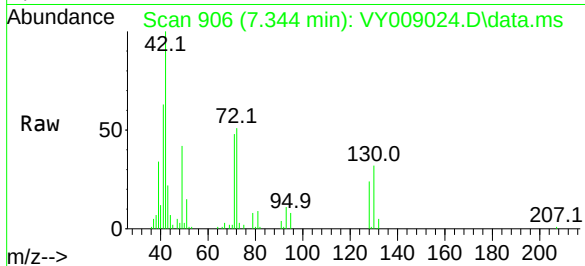




#41
Methacrylonitrile
Concen: 53.084 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

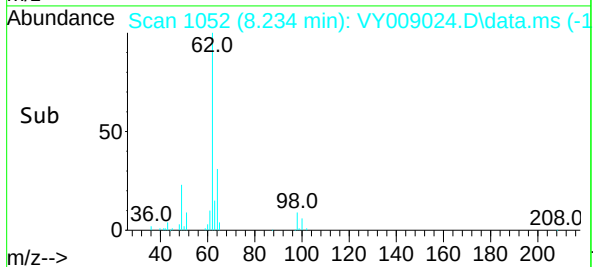
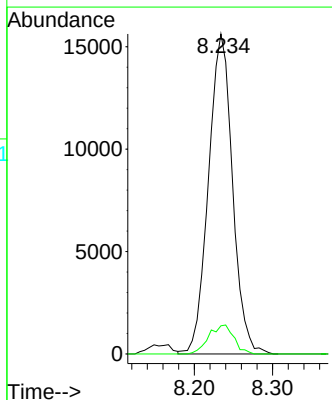
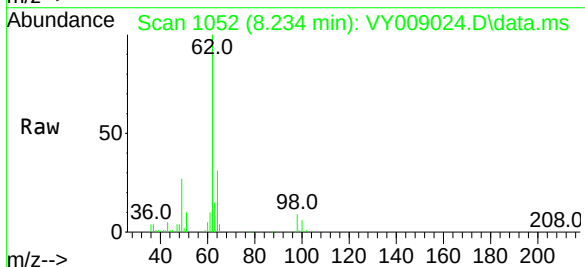
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS03

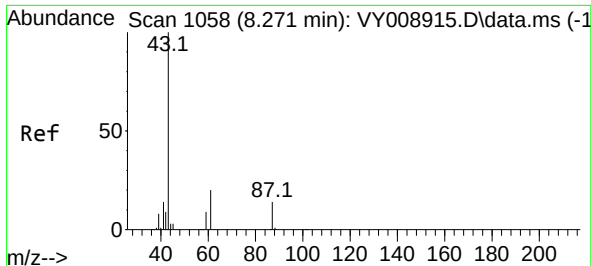
Tgt Ion: 41 Resp: 27172
Ion Ratio Lower Upper
41 100
39 32.9 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.583 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion: 62 Resp: 33328
Ion Ratio Lower Upper
62 100
98 9.4 0.0 14.8





#43

Isopropyl Acetate

Concen: 20.264 ug/l

RT: 8.270 min Scan# 1058

Delta R.T. -0.001 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS03

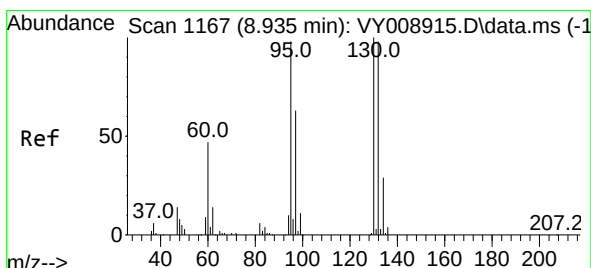
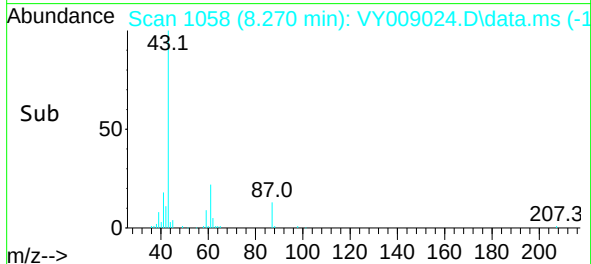
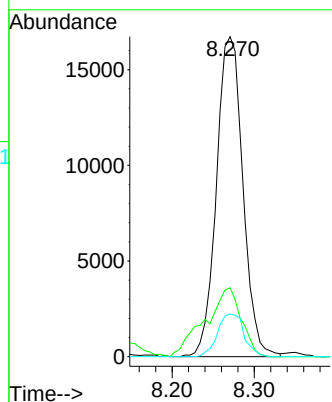
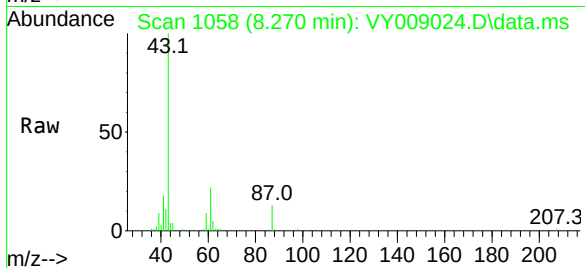
Tgt Ion: 43 Resp: 37375

Ion Ratio Lower Upper

43 100

61 29.5 20.2 30.2

87 13.4 8.9 13.3#



#44

Trichloroethene

Concen: 19.473 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VY009024.D

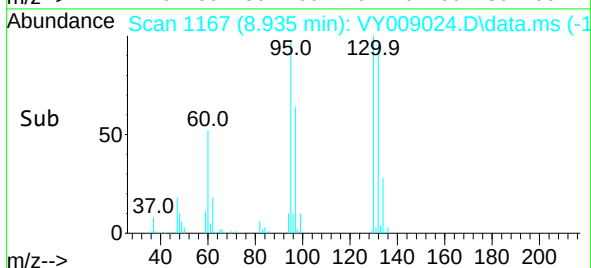
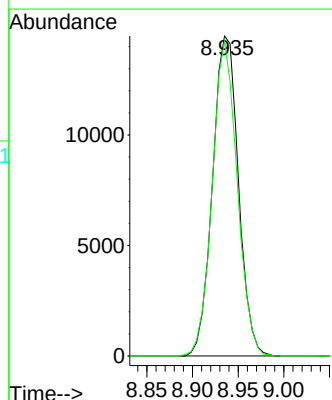
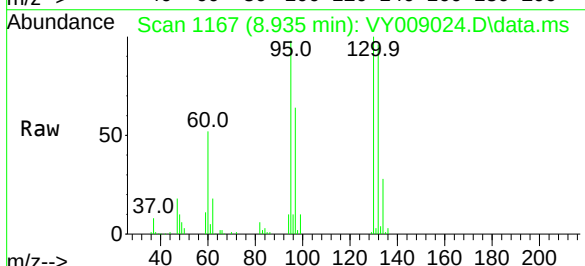
Acq: 23 May 2022 22:52

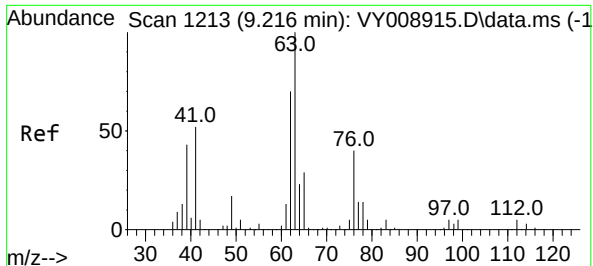
Tgt Ion:130 Resp: 28432

Ion Ratio Lower Upper

130 100

95 98.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 19.984 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Instrument :

MSVOA_Y

ClientSampleId :

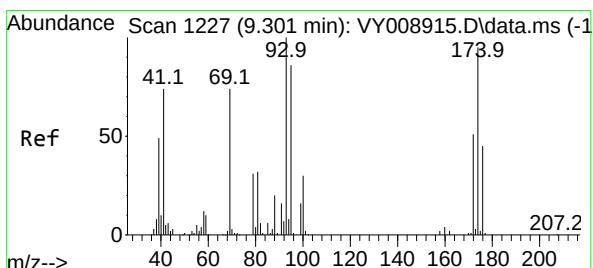
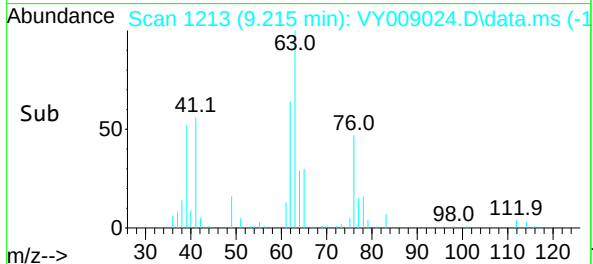
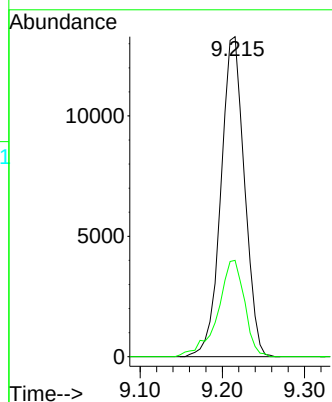
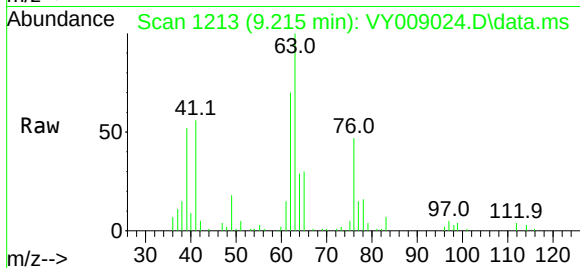
VY0523SBS03

Tgt Ion: 63 Resp: 26459

Ion Ratio Lower Upper

63 100

65 30.1 23.0 34.6



#46

Dibromomethane

Concen: 19.763 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

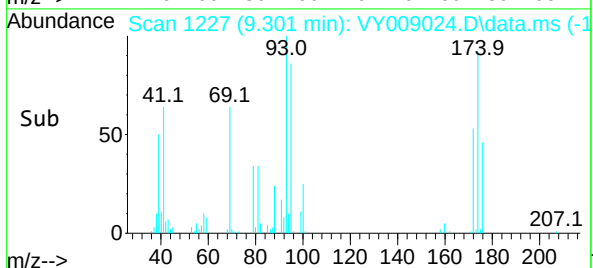
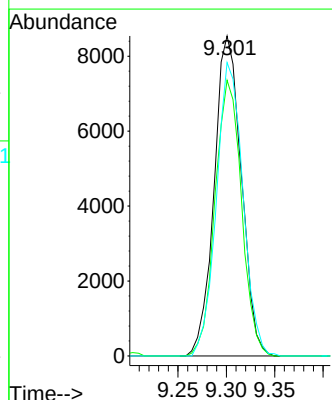
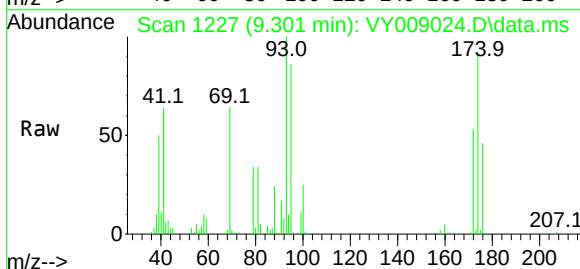
Tgt Ion: 93 Resp: 16638

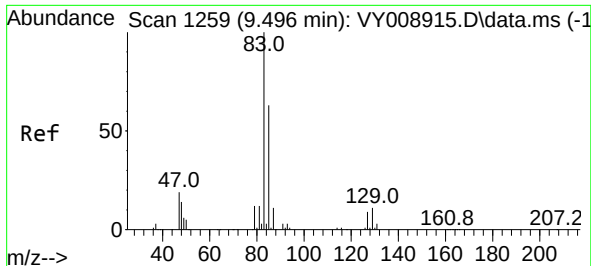
Ion Ratio Lower Upper

93 100

95 84.0 64.3 96.5

174 89.5 83.4 125.0

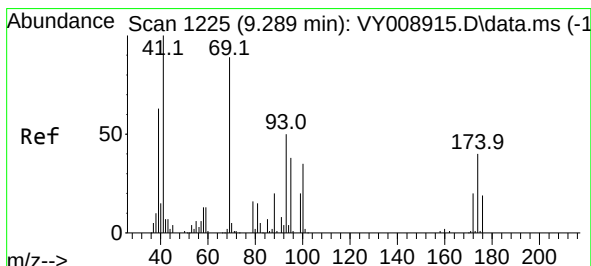
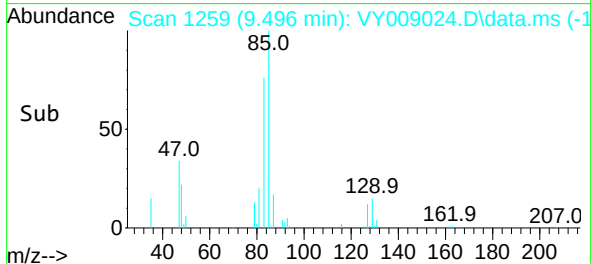
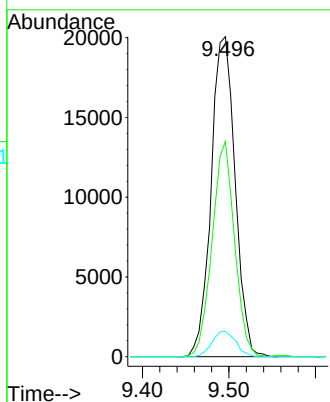
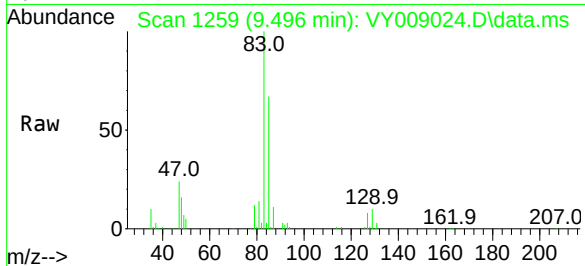




#47
 Bromodichloromethane
 Concen: 20.052 ug/l
 RT: 9.496 min Scan# 1259
 Delta R.T. -0.000 min
 Lab File: VY009024.D
 Acq: 23 May 2022 22:52

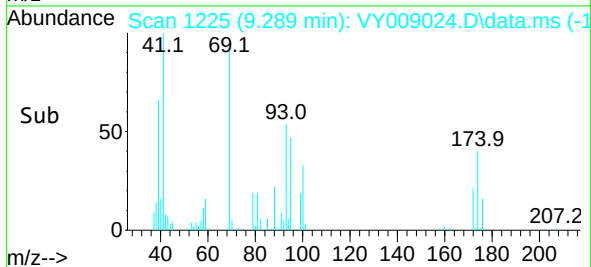
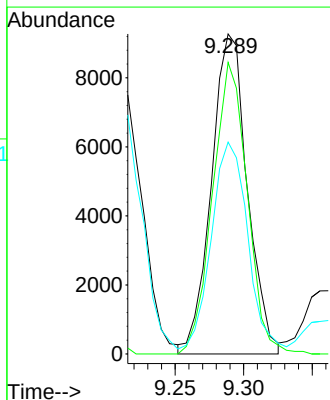
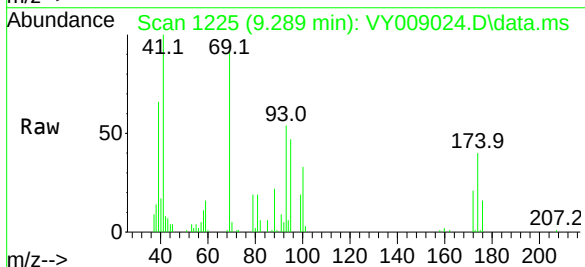
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS03

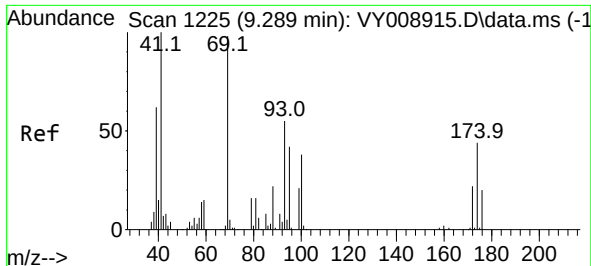
Tgt Ion:	83	Resp:	38581
Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.9	77.9
127	7.9	6.6	10.0



#48
 Methyl methacrylate
 Concen: 20.563 ug/l
 RT: 9.289 min Scan# 1225
 Delta R.T. -0.000 min
 Lab File: VY009024.D
 Acq: 23 May 2022 22:52

Tgt Ion:	41	Resp:	16935
Ion	Ratio	Lower	Upper
41	100		
69	87.9	58.2	87.2#
39	65.0	47.4	71.0





#49

1,4-Dioxane

Concen: 405.626 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS03

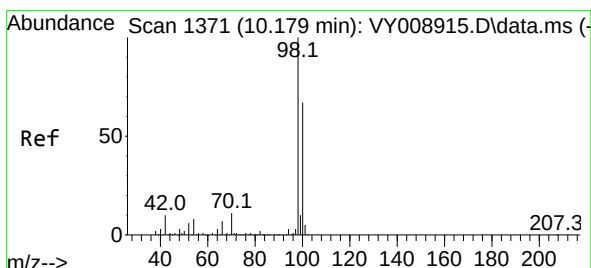
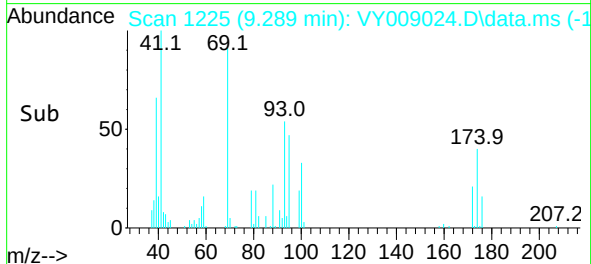
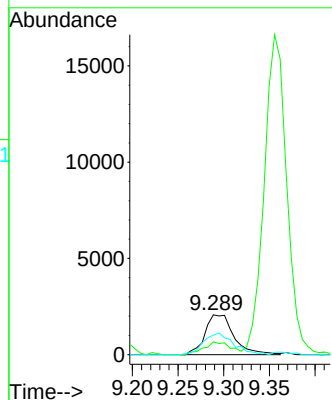
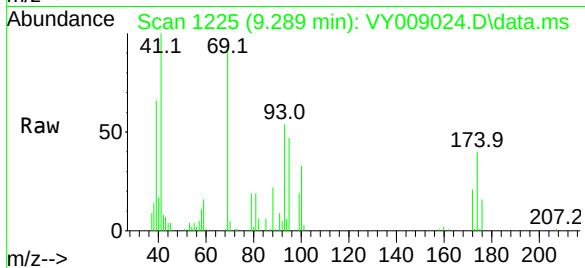
Tgt Ion: 88 Resp: 4565

Ion Ratio Lower Upper

88 100

43 29.9 32.8 49.2#

58 56.1 59.8 89.6#



#50

Toluene-d8

Concen: 36.239 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009024.D

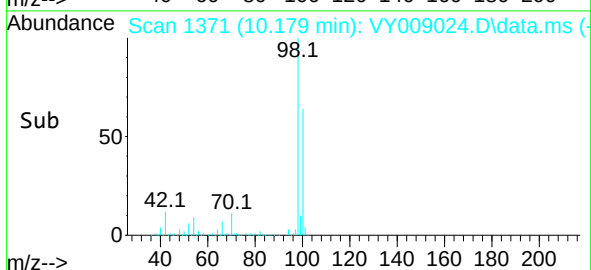
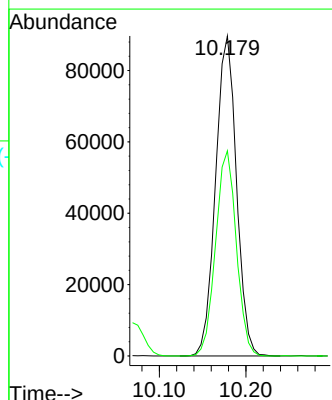
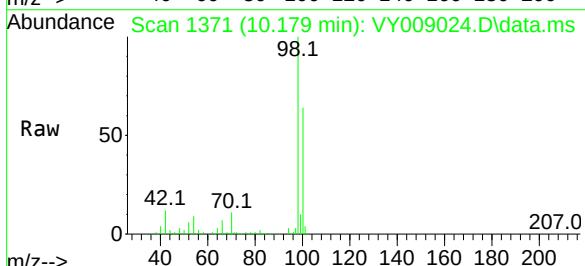
Acq: 23 May 2022 22:52

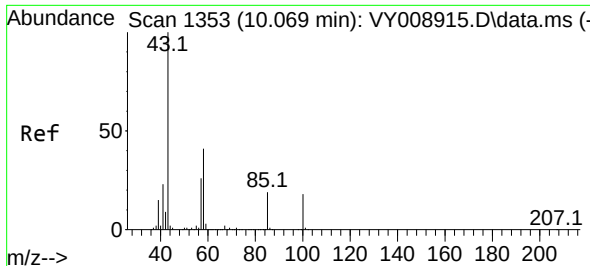
Tgt Ion: 98 Resp: 150220

Ion Ratio Lower Upper

98 100

100 63.6 50.2 75.2

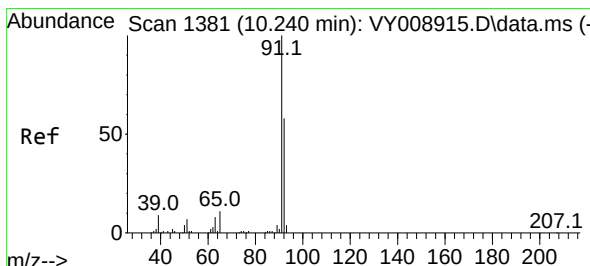
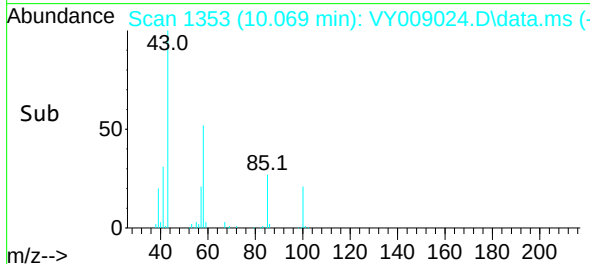
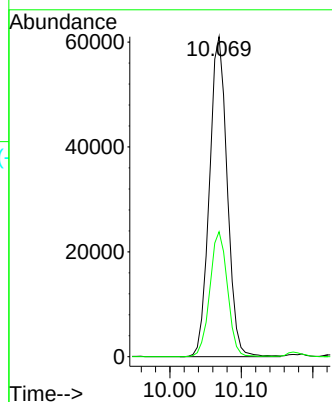
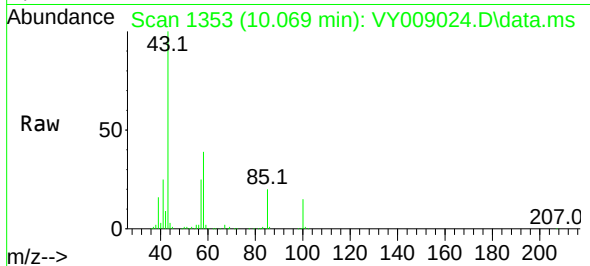




#51
4-Methyl-2-Pentanone
Concen: 103.248 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

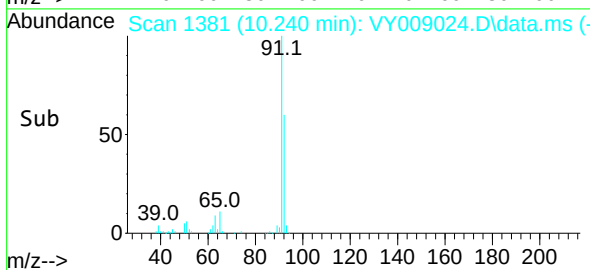
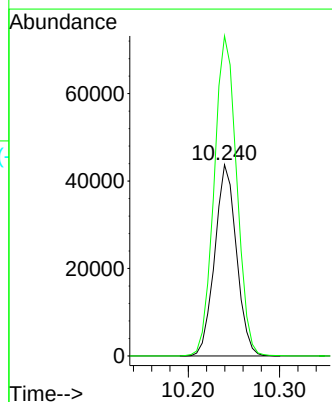
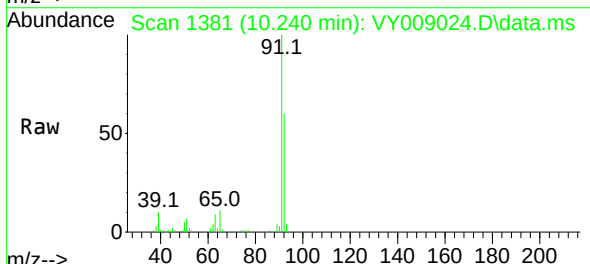
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS03

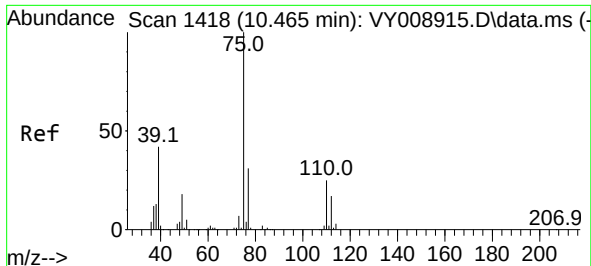
Tgt Ion: 43 Resp: 105391
Ion Ratio Lower Upper
43 100
58 38.7 28.1 42.1



#52
Toluene
Concen: 18.725 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion: 92 Resp: 72157
Ion Ratio Lower Upper
92 100
91 174.1 142.6 213.8

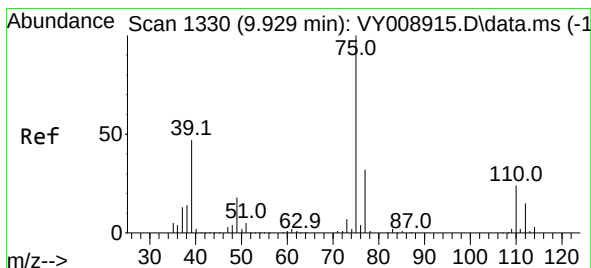
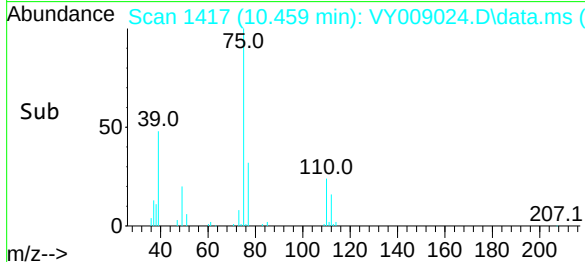
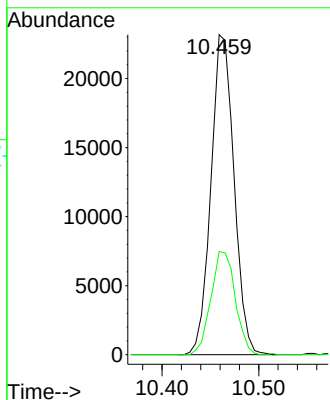
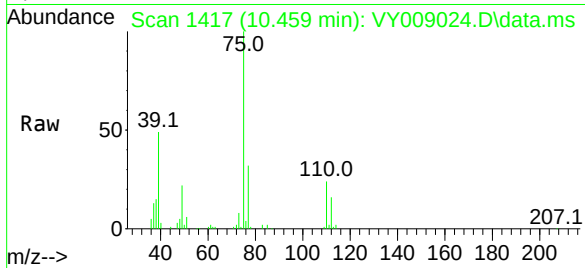




#53
 t-1,3-Dichloropropene
 Concen: 18.800 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY009024.D
 Acq: 23 May 2022 22:52

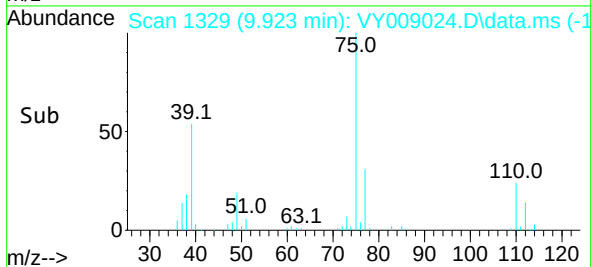
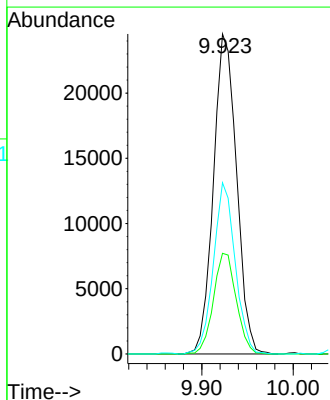
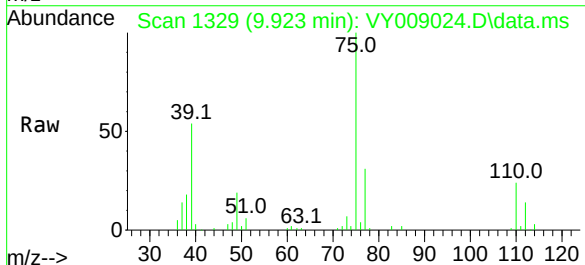
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS03

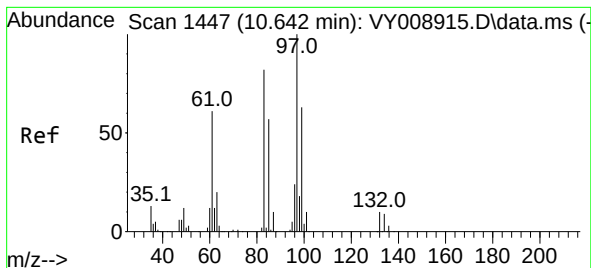
Tgt Ion: 75 Resp: 38412
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.632 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY009024.D
 Acq: 23 May 2022 22:52

Tgt Ion: 75 Resp: 43122
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4
 39 53.5 47.6 71.4





#55

1,1,2-Trichloroethane

Concen: 19.803 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS03

Tgt Ion: 97 Resp: 23325

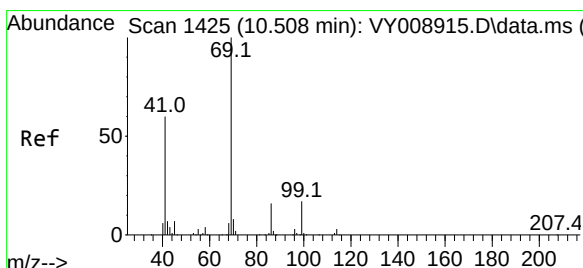
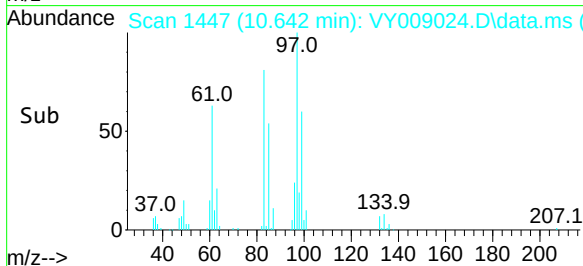
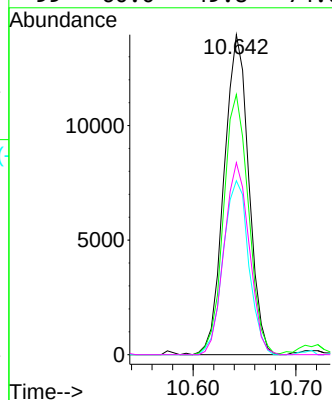
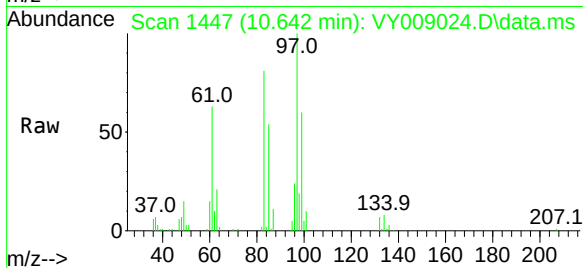
Ion Ratio Lower Upper

97 100

83 81.3 69.8 104.8

85 54.4 44.3 66.5

99 60.0 49.8 74.6



#56

Ethyl methacrylate

Concen: 18.693 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

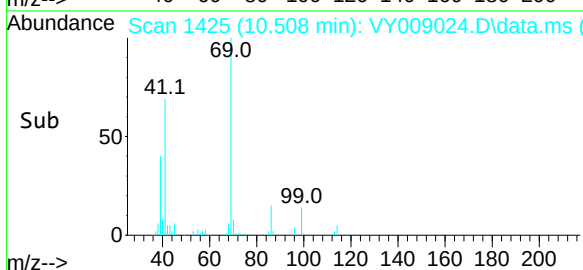
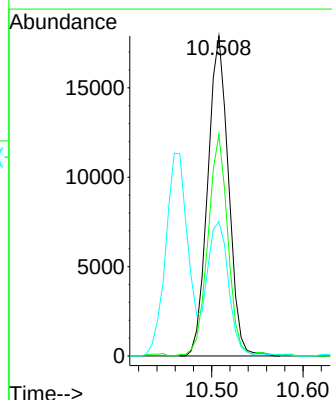
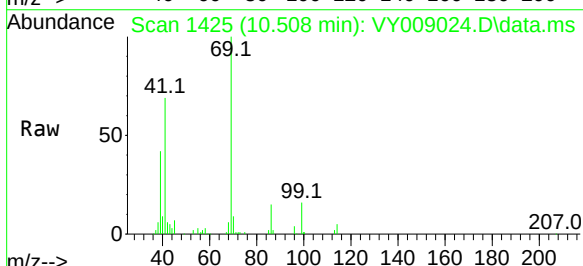
Tgt Ion: 69 Resp: 28150

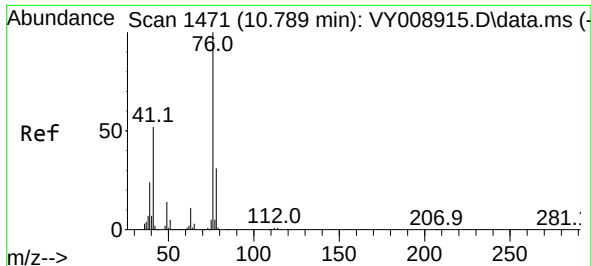
Ion Ratio Lower Upper

69 100

41 66.1 63.4 95.0

39 43.6 35.8 53.8





#57

1,3-Dichloropropane

Concen: 20.089 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Instrument :

MSVOA_Y

ClientSampleId :

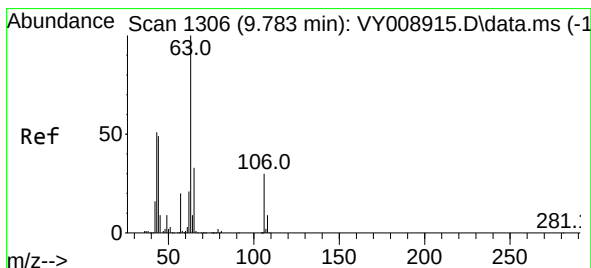
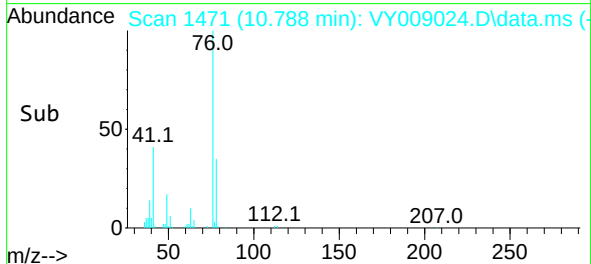
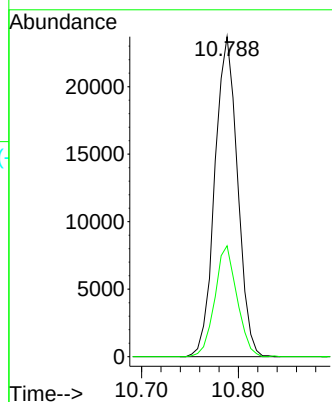
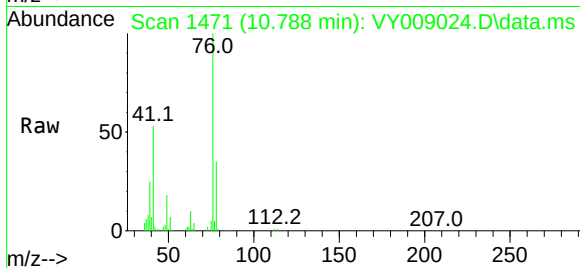
VY0523SBS03

Tgt Ion: 76 Resp: 38599

Ion Ratio Lower Upper

76 100

78 33.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 99.093 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VY009024.D

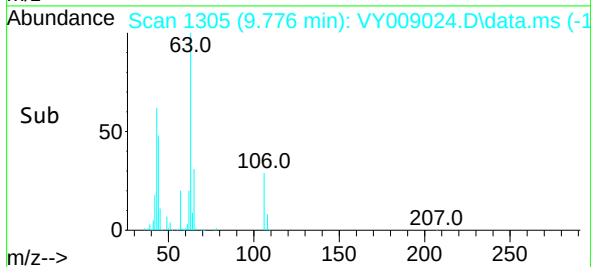
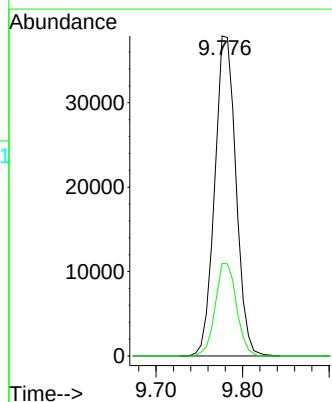
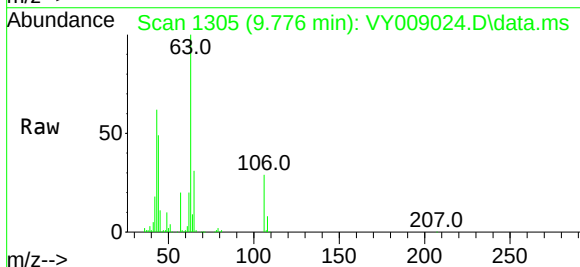
Acq: 23 May 2022 22:52

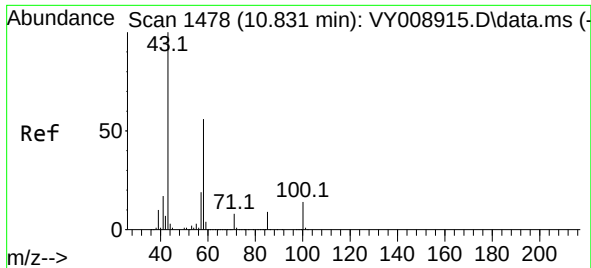
Tgt Ion: 63 Resp: 64558

Ion Ratio Lower Upper

63 100

106 28.9 21.5 32.3

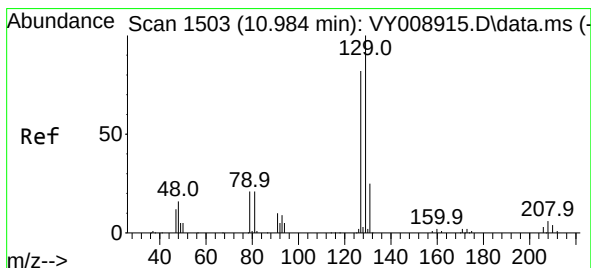
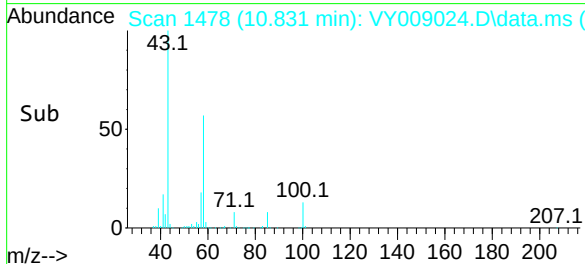
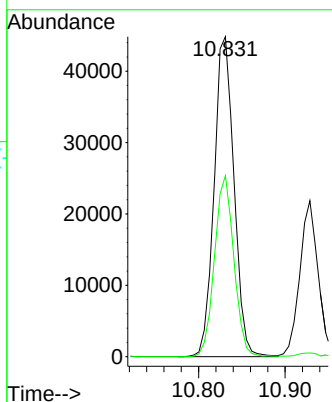
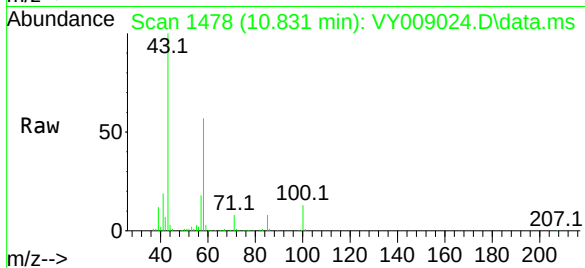




#59
2-Hexanone
Concen: 102.269 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

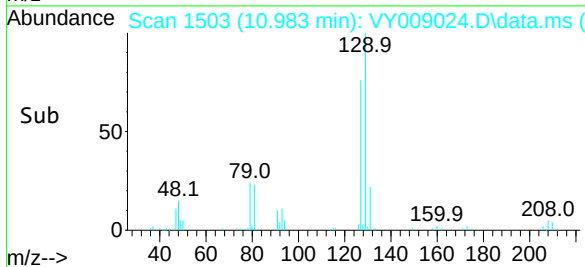
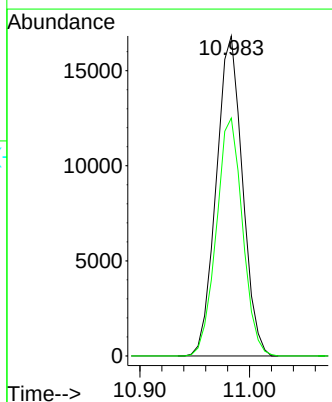
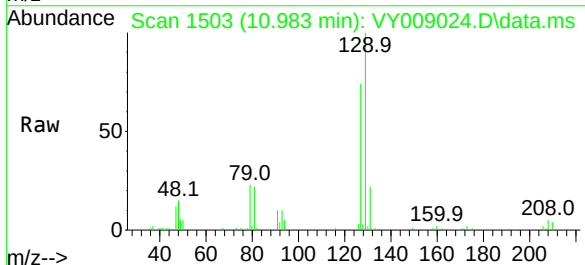
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS03

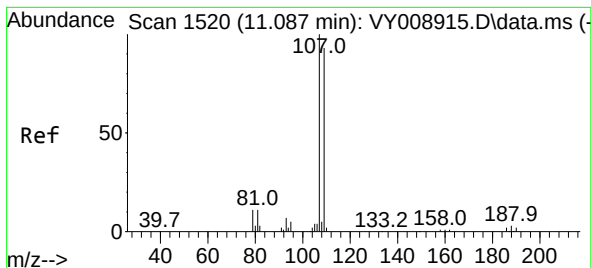
Tgt Ion: 43 Resp: 71474
Ion Ratio Lower Upper
43 100
58 55.1 24.4 73.4



#60
Dibromochloromethane
Concen: 19.534 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion:129 Resp: 27890
Ion Ratio Lower Upper
129 100
127 74.4 38.7 116.1

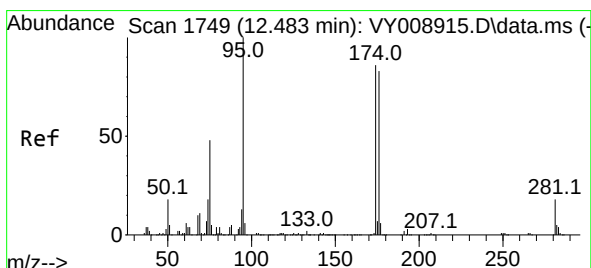
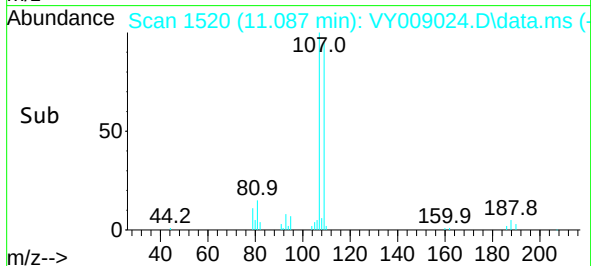
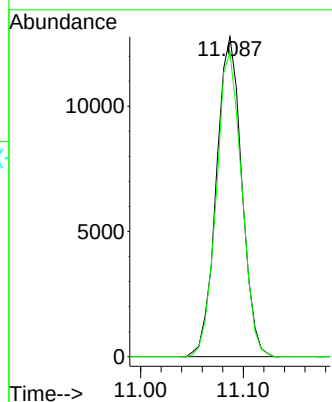
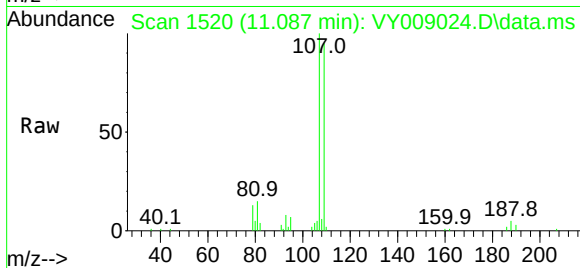




#61
1,2-Dibromoethane
Concen: 18.774 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

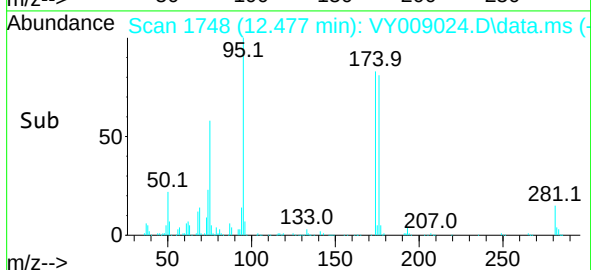
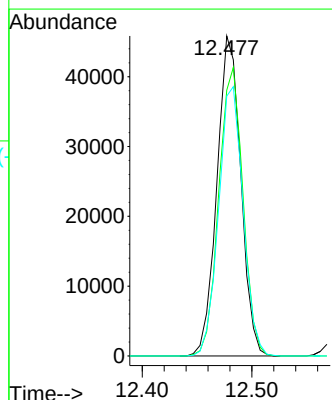
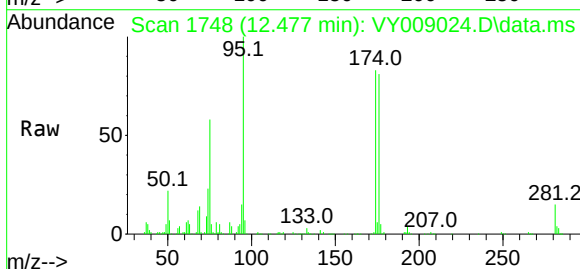
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS03

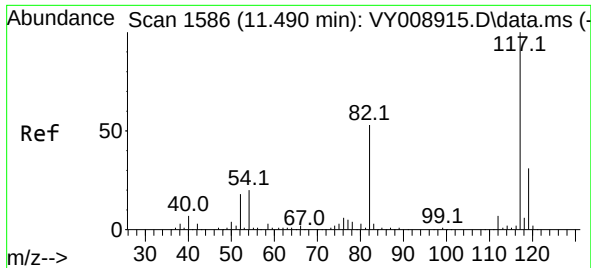
Tgt Ion:107 Resp: 21913
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 41.456 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion: 95 Resp: 69321
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 86.3 0.0 175.8

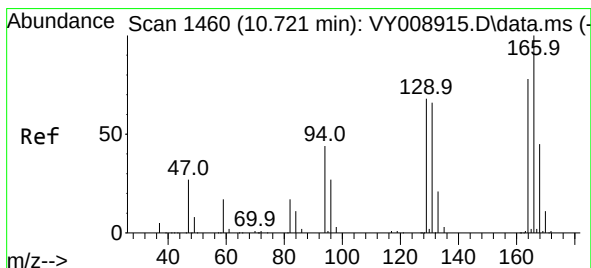
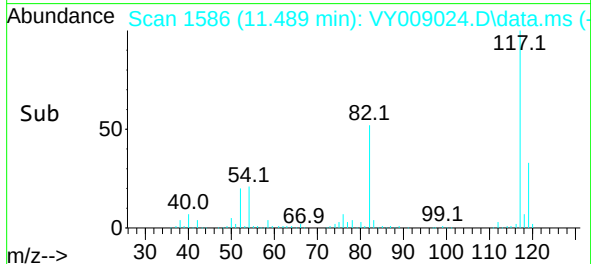
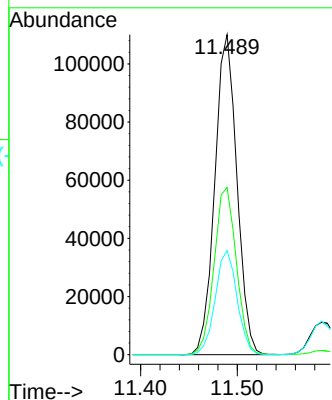
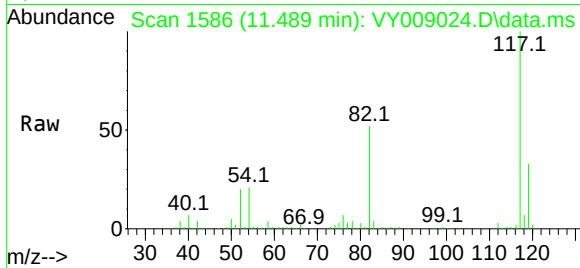




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

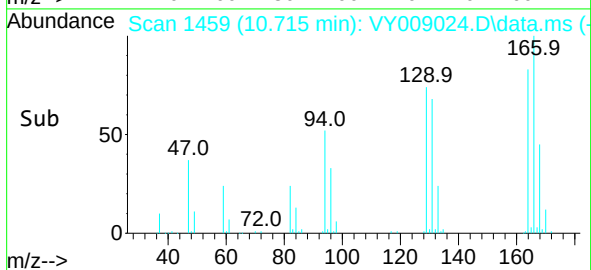
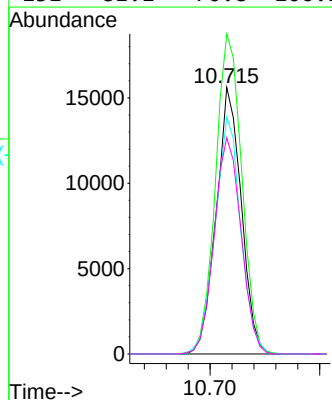
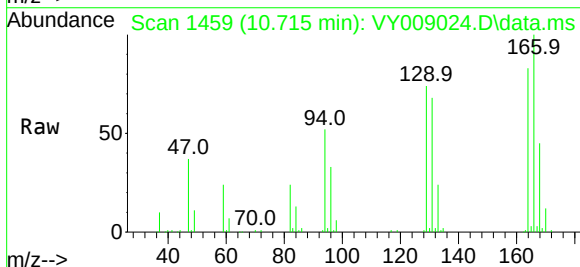
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS03

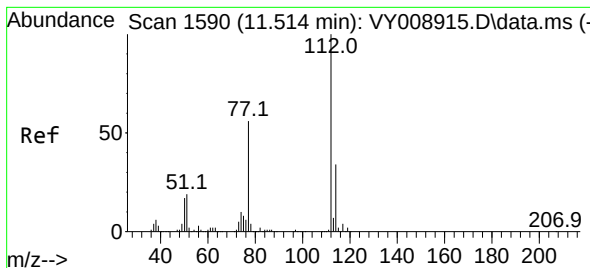
Tgt Ion:117 Resp: 174663
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 19.521 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion:164 Resp: 24817
Ion Ratio Lower Upper
164 100
166 120.1 100.4 150.6
129 88.9 71.4 107.0
131 81.1 70.8 106.2

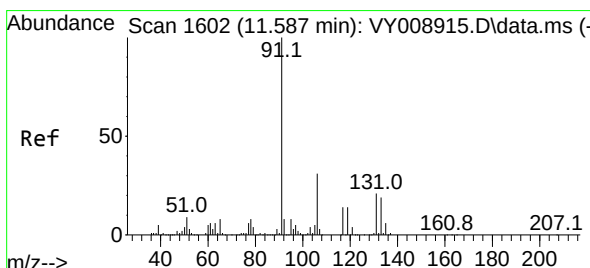
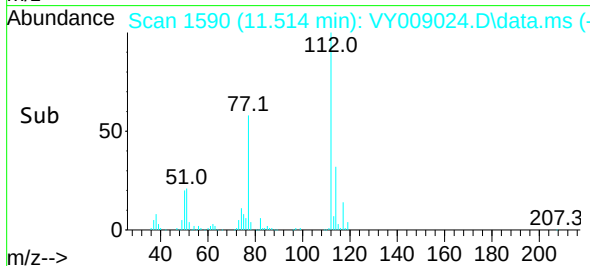
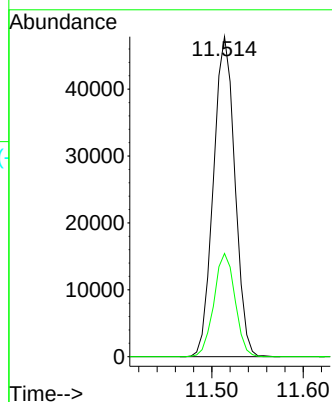
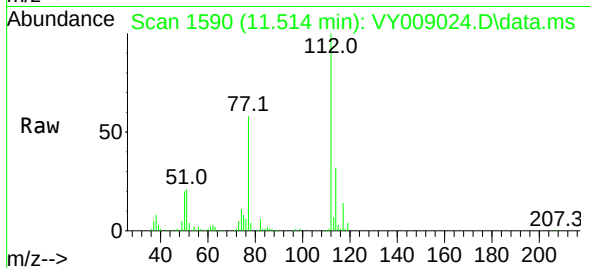




#65
Chlorobenzene
Concen: 19.460 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

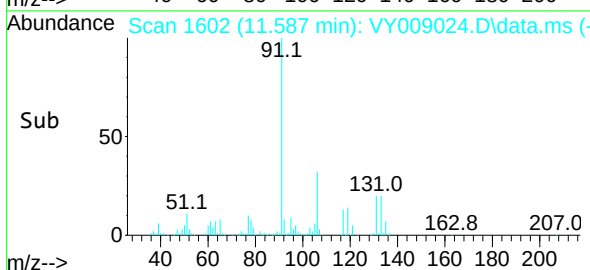
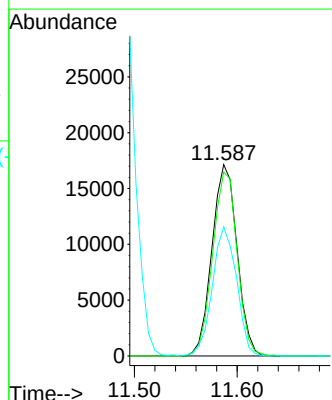
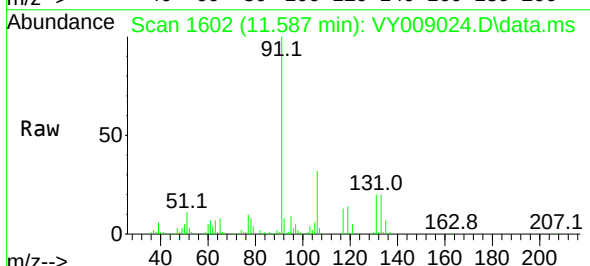
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS03

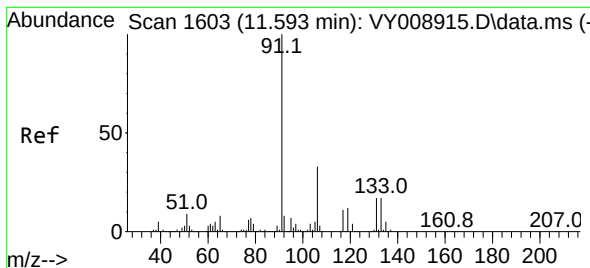
Tgt Ion:112 Resp: 78013
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.773 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion:131 Resp: 29025
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.6
119 65.1 30.8 92.3





#67

Ethyl Benzene

Concen: 18.984 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Instrument :

MSVOA_Y

ClientSampleId :

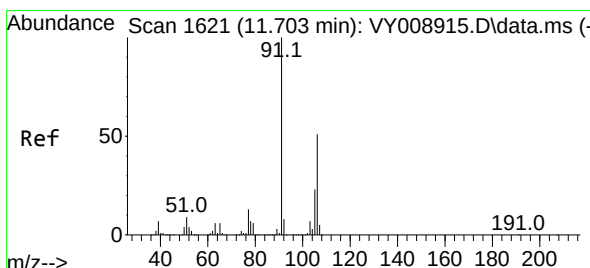
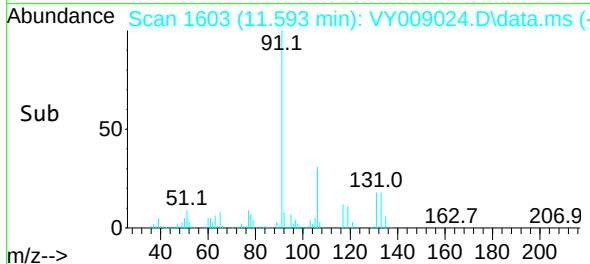
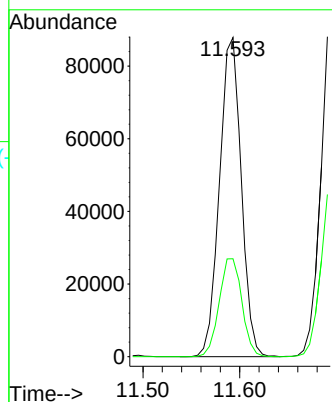
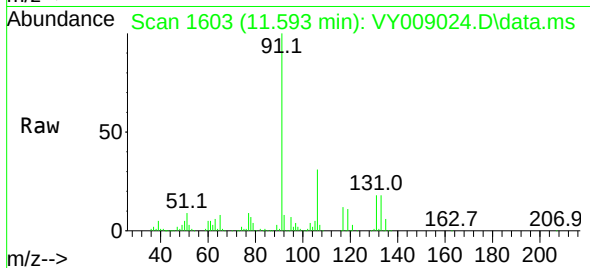
VY0523SBS03

Tgt Ion: 91 Resp: 137154

Ion Ratio Lower Upper

91 100

106 30.7 24.5 36.7



#68

m/p-Xylenes

Concen: 37.313 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY009024.D

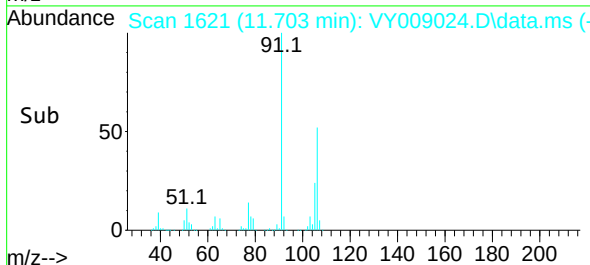
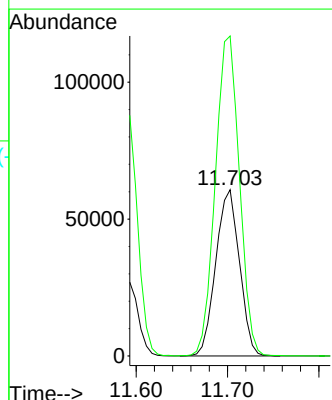
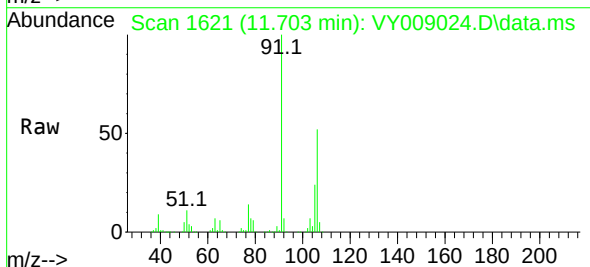
Acq: 23 May 2022 22:52

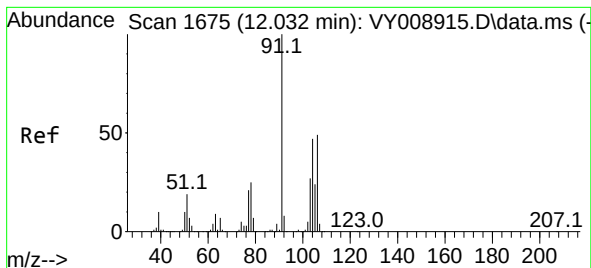
Tgt Ion: 106 Resp: 109434

Ion Ratio Lower Upper

106 100

91 195.9 166.6 249.8





#69

o-Xylene

Concen: 18.949 ug/l

RT: 12.026 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Instrument :

MSVOA_Y

ClientSampleId :

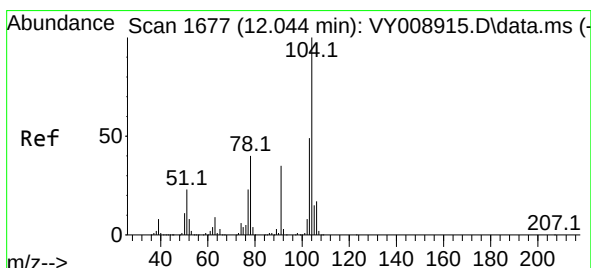
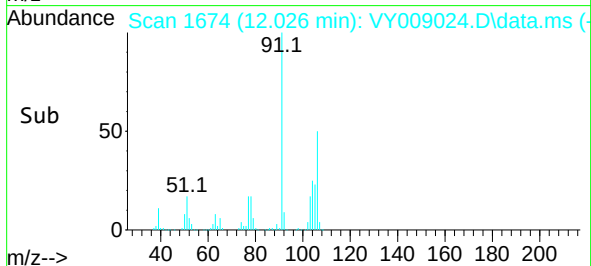
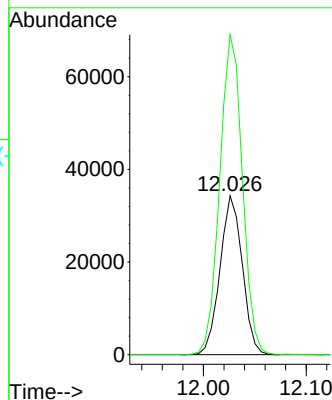
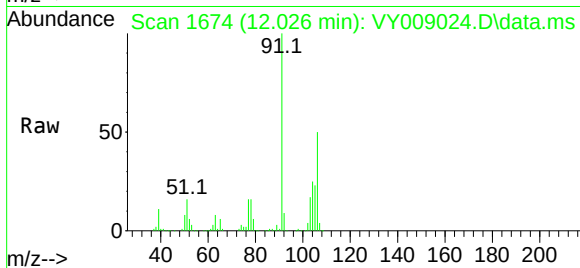
VY0523SBS03

Tgt Ion:106 Resp: 51608

Ion Ratio Lower Upper

106 100

91 204.6 110.3 331.0



#70

Styrene

Concen: 18.624 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

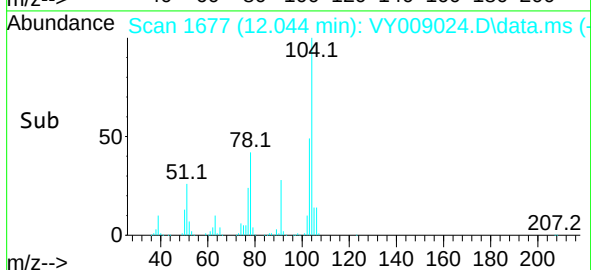
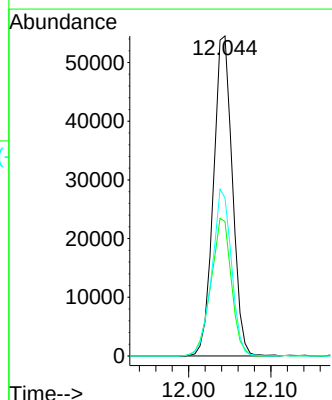
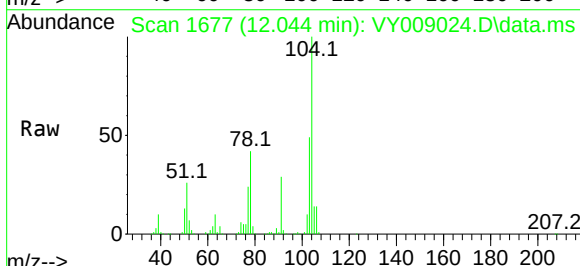
Tgt Ion:104 Resp: 87229

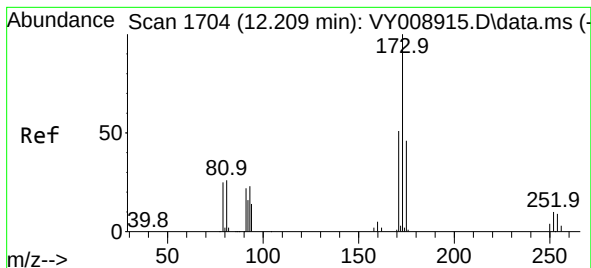
Ion Ratio Lower Upper

104 100

78 46.3 42.4 63.6

103 53.6 44.4 66.6





#71

Bromoform

Concen: 17.679 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS03

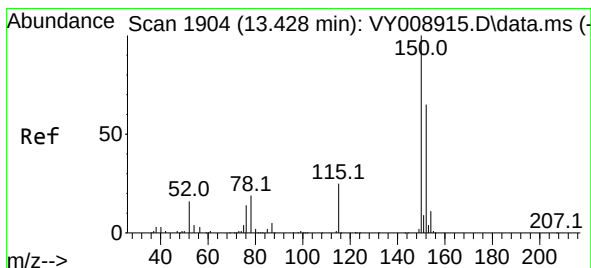
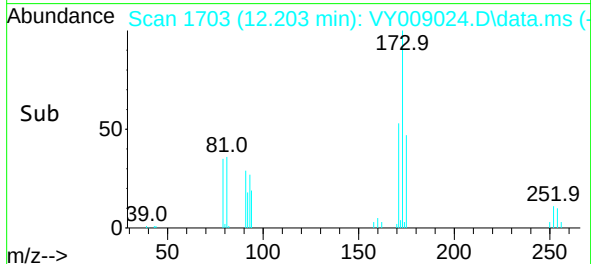
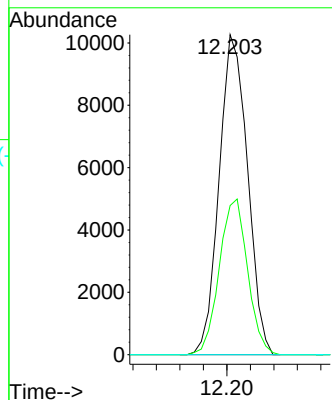
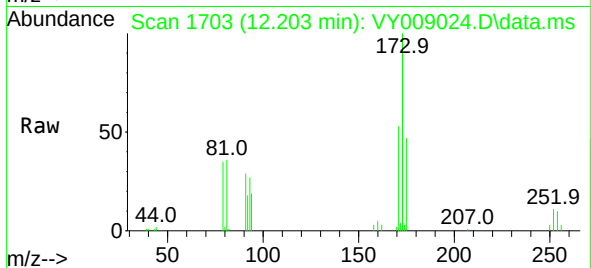
Tgt Ion:173 Resp: 17203

Ion Ratio Lower Upper

173 100

175 48.6 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

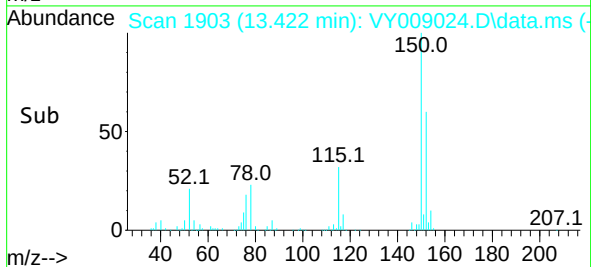
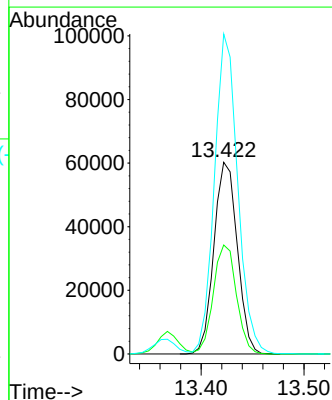
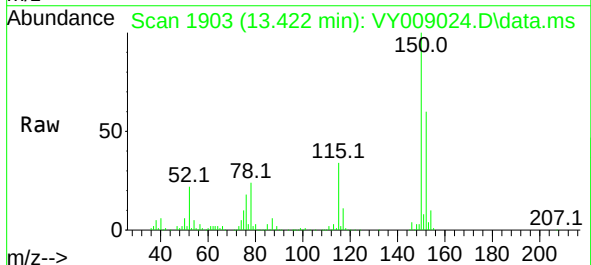
Tgt Ion:152 Resp: 95070

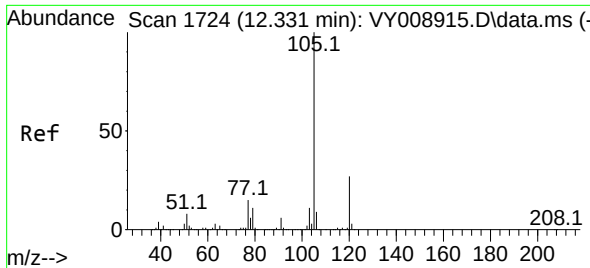
Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.7

150 166.7 0.0 347.6

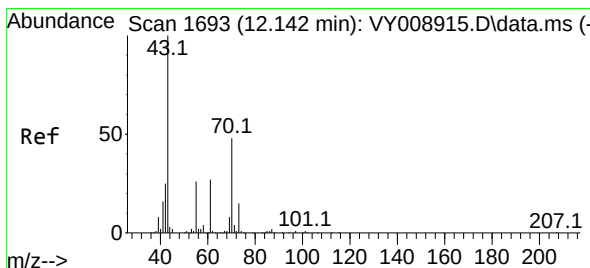
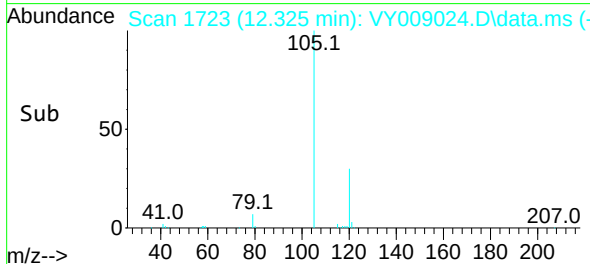
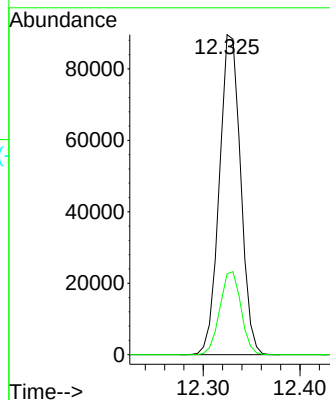
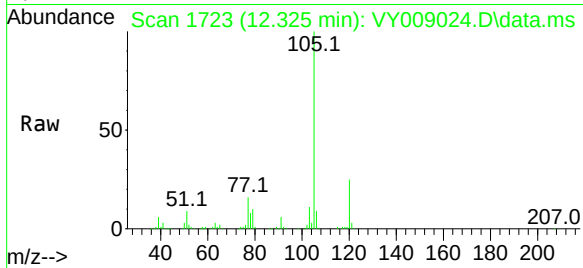




#73
Isopropylbenzene
Concen: 19.230 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

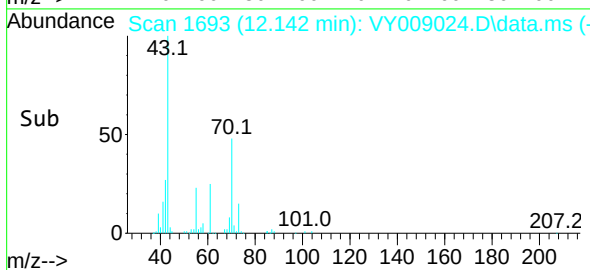
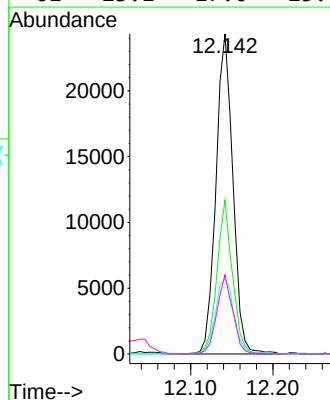
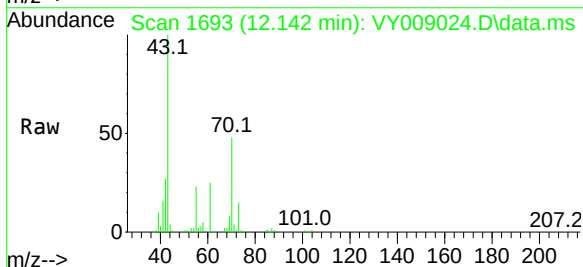
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS03

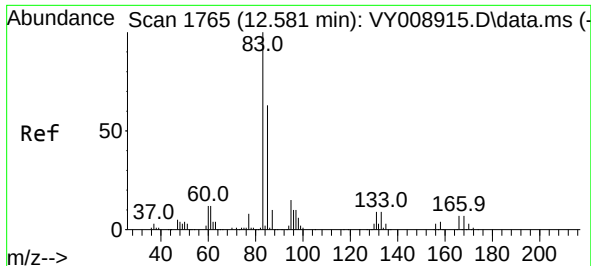
Tgt Ion:105 Resp: 136703
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.2



#74
N-amy1 acetate
Concen: 21.252 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion: 43 Resp: 34856
Ion Ratio Lower Upper
43 100
70 44.0 28.7 43.1#
55 25.9 17.3 25.9
61 23.1 17.0 25.6

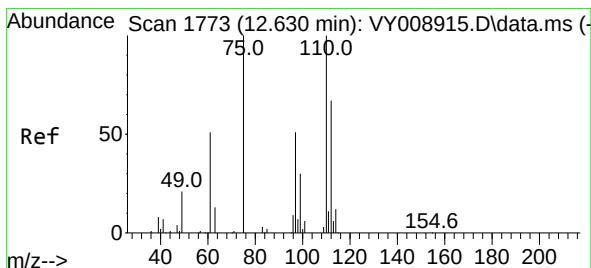
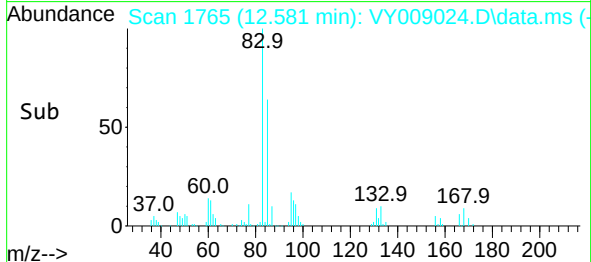
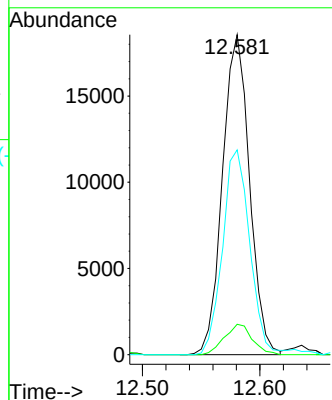
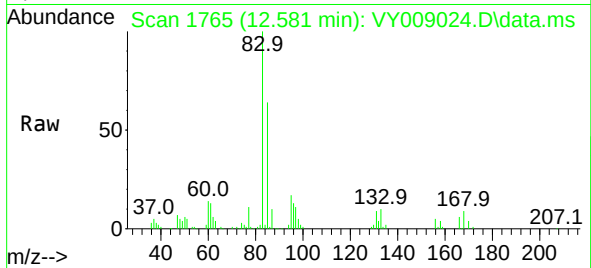




#75
1,1,2,2-Tetrachloroethane
Concen: 20.256 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

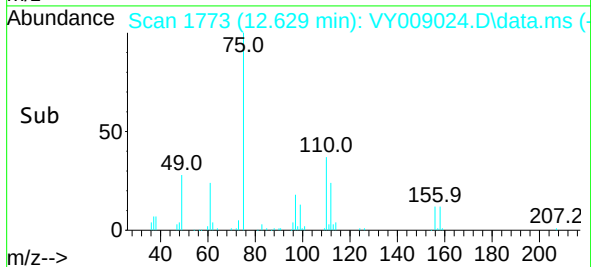
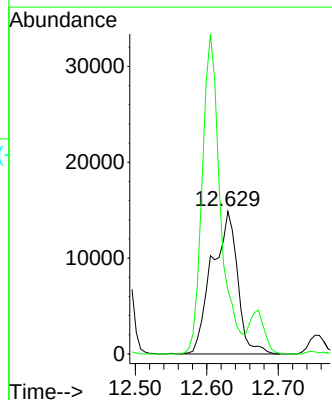
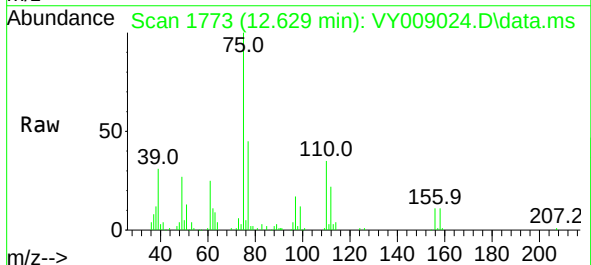
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS03

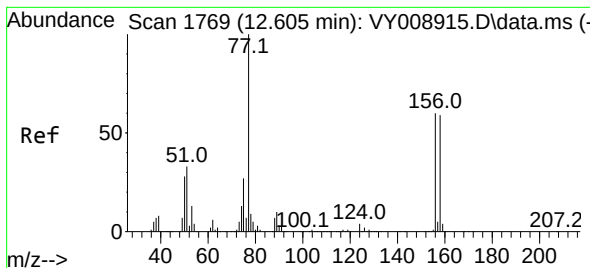
Tgt Ion:	83	Resp:	29662
Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.6	16.8
85	65.6	32.3	96.8



#76
1,2,3-Trichloropropane
Concen: 36.227 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion:	75	Resp:	36985
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.310 ug/l

RT: 12.605 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS03

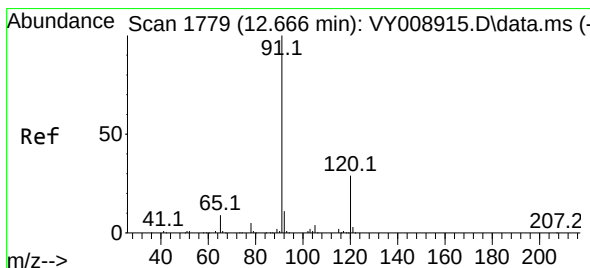
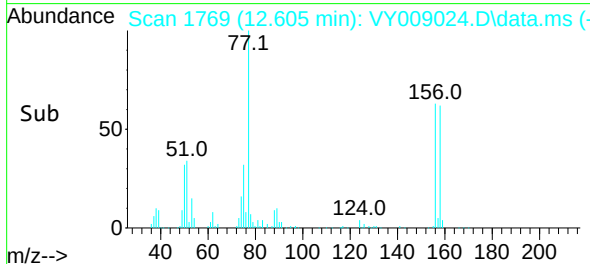
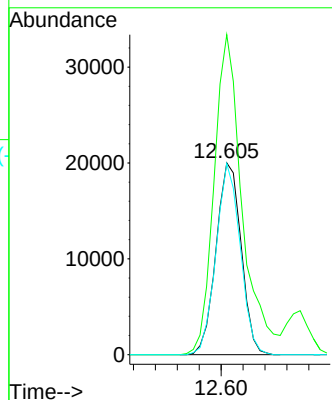
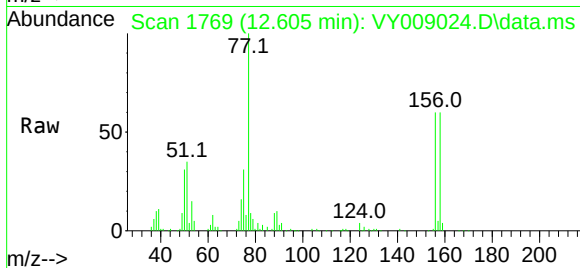
Tgt Ion:156 Resp: 31820

Ion Ratio Lower Upper

156 100

77 187.1 95.5 286.4

158 96.2 48.0 144.0



#78

n-propylbenzene

Concen: 20.957 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY009024.D

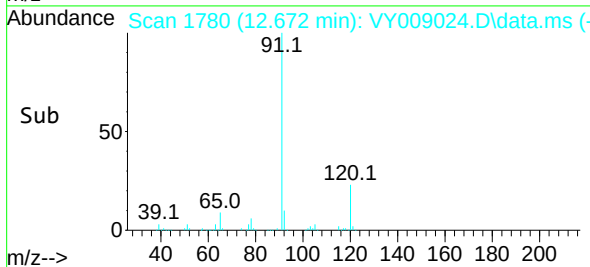
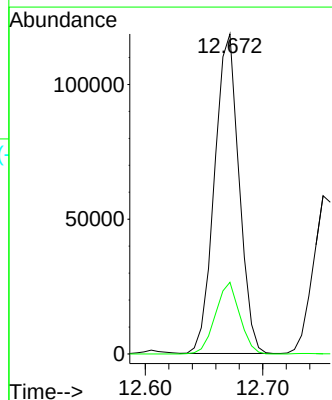
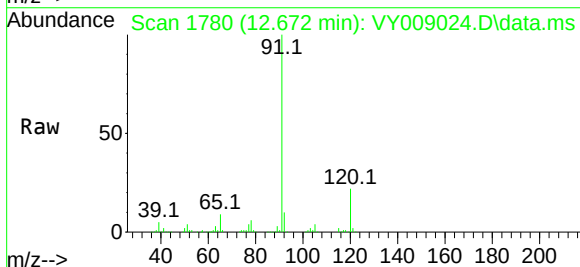
Acq: 23 May 2022 22:52

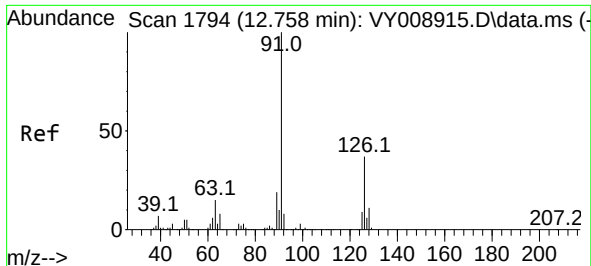
Tgt Ion: 91 Resp: 172122

Ion Ratio Lower Upper

91 100

120 22.2 11.3 33.9

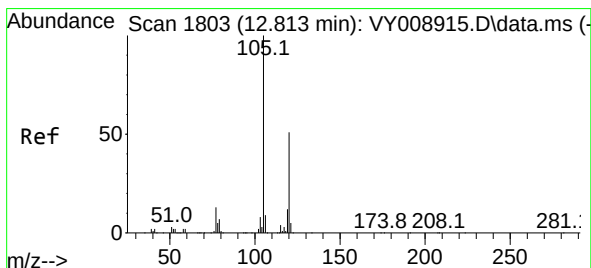
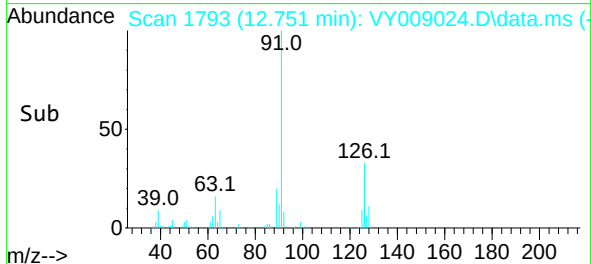
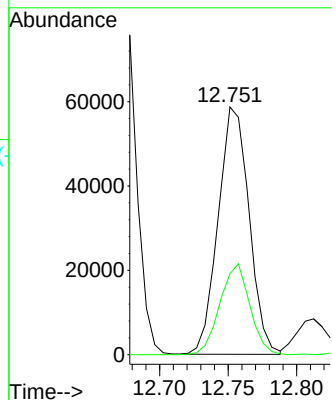
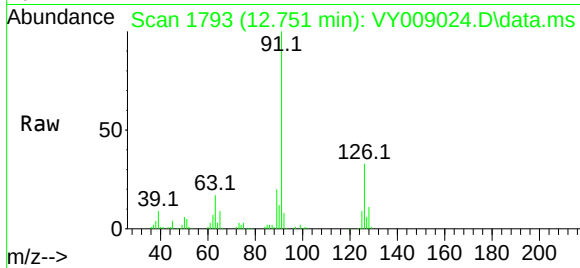




#79
2-Chlorotoluene
Concen: 19.479 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.007 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

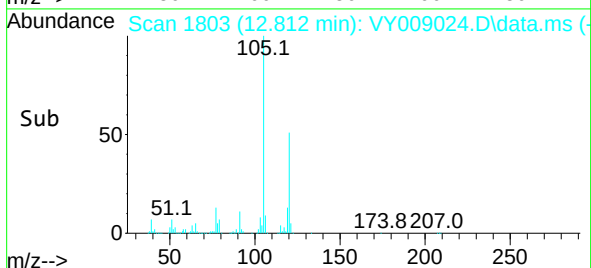
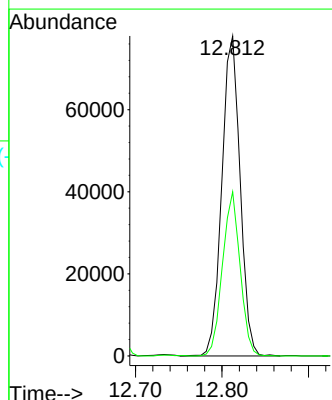
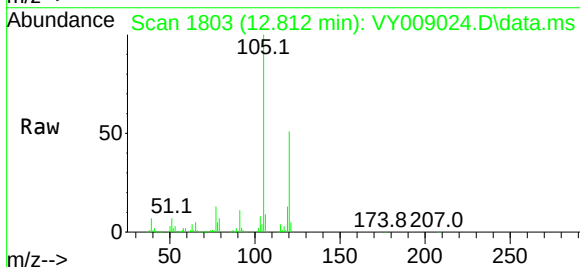
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS03

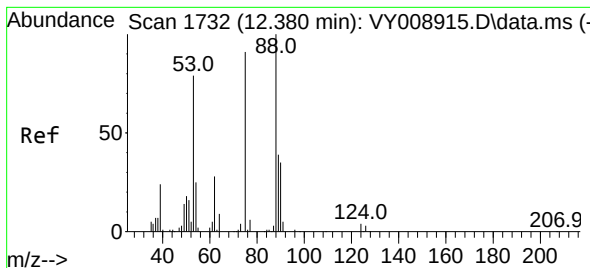
Tgt Ion: 91 Resp: 92284
Ion Ratio Lower Upper
91 100
126 35.4 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 19.170 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion: 105 Resp: 114222
Ion Ratio Lower Upper
105 100
120 49.4 24.4 73.4

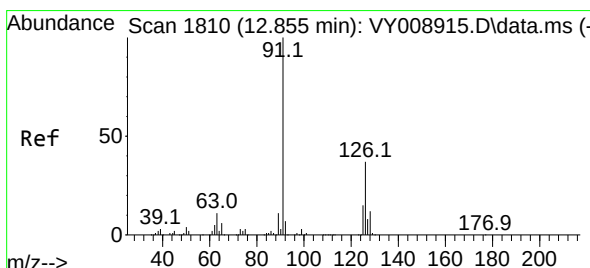
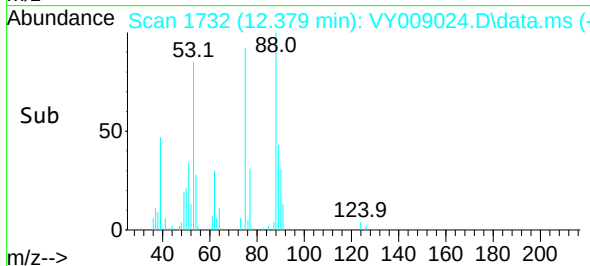
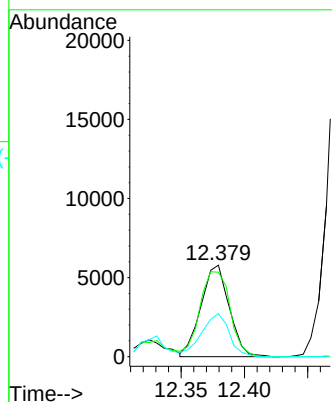
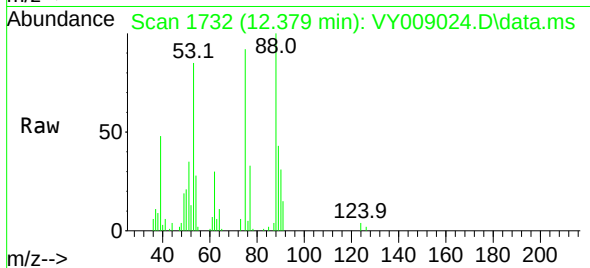




#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.062 ug/l
 RT: 12.379 min Scan# 1732
 Delta R.T. -0.001 min
 Lab File: VY009024.D
 Acq: 23 May 2022 22:52

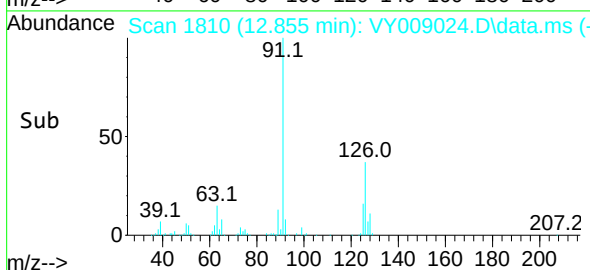
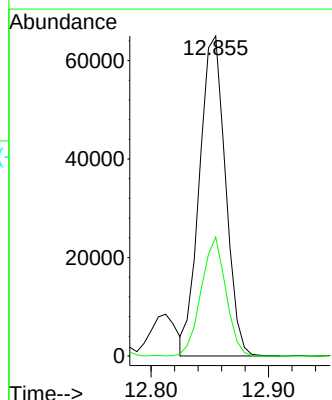
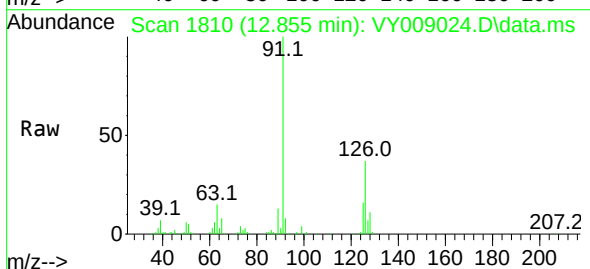
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS03

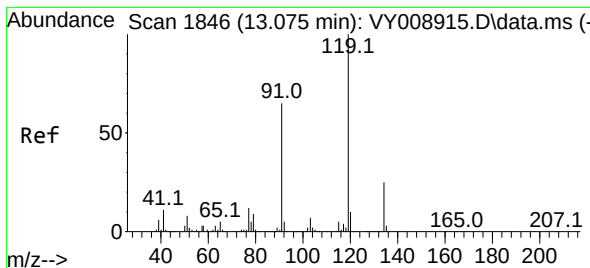
Tgt Ion: 75 Resp: 8984
 Ion Ratio Lower Upper
 75 100
 53 99.3 85.3 127.9
 89 45.6 37.0 55.4



#82
 4-Chlorotoluene
 Concen: 19.723 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VY009024.D
 Acq: 23 May 2022 22:52

Tgt Ion: 91 Resp: 99941
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.0 51.0

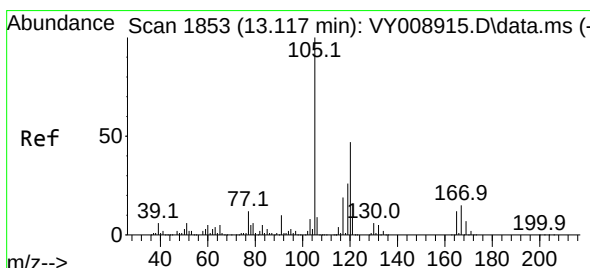
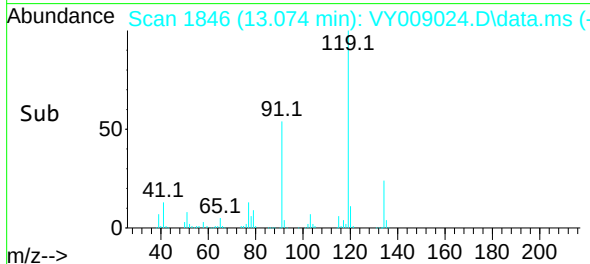
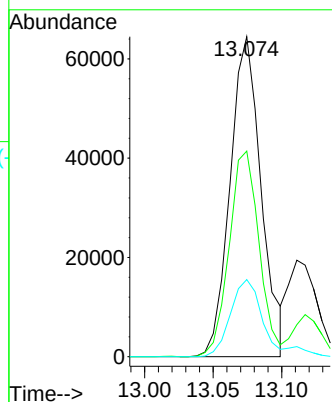
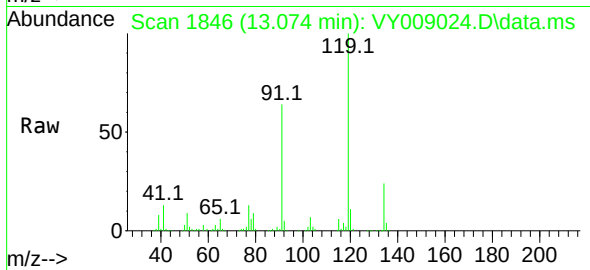




#83
tert-Butylbenzene
Concen: 19.297 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

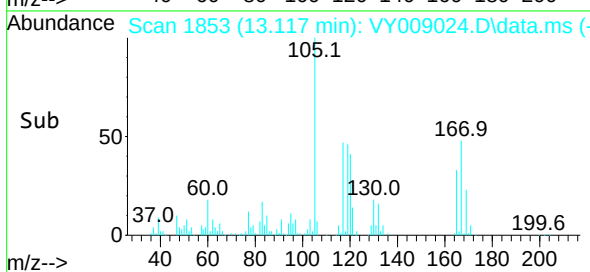
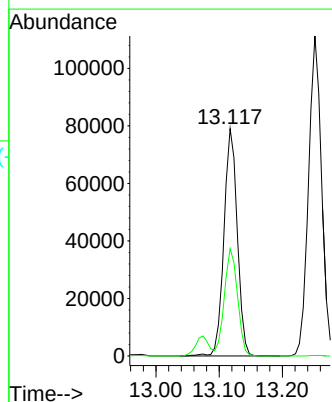
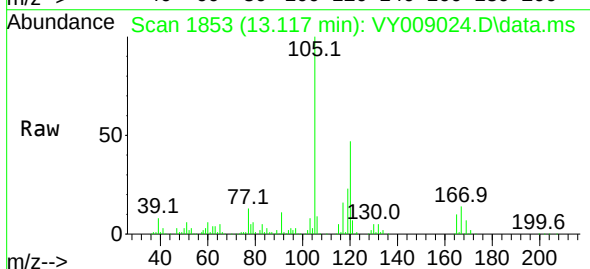
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS03

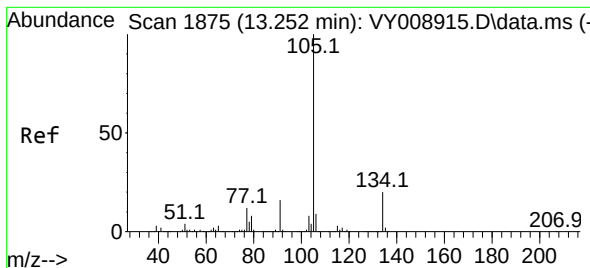
Tgt Ion:119 Resp: 102007
Ion Ratio Lower Upper
119 100
91 61.7 34.8 104.4
134 26.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 19.474 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion:105 Resp: 115188
Ion Ratio Lower Upper
105 100
120 46.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.588 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.001 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Instrument :

MSVOA_Y

ClientSampleId :

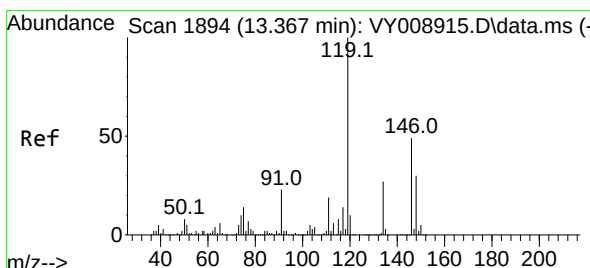
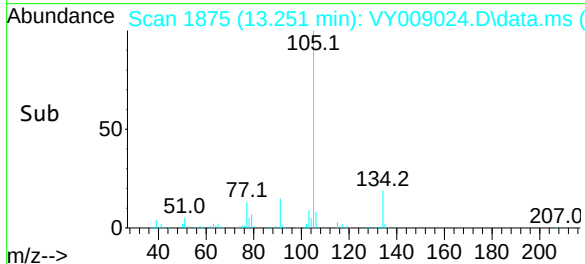
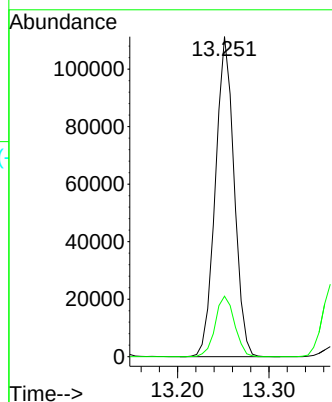
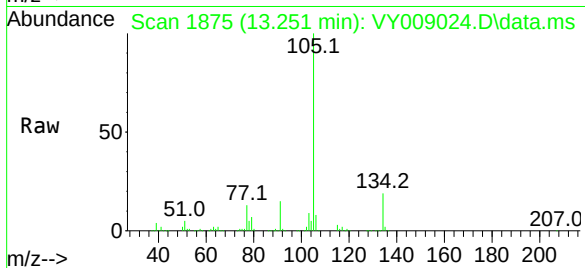
VY0523SBS03

Tgt Ion:105 Resp: 158429

Ion Ratio Lower Upper

105 100

134 19.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.160 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

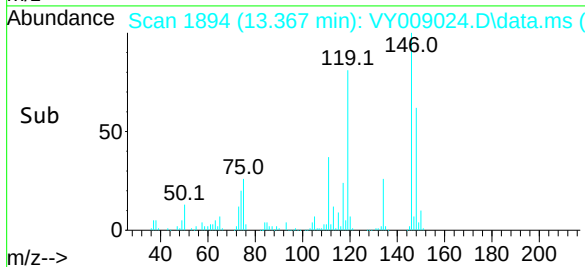
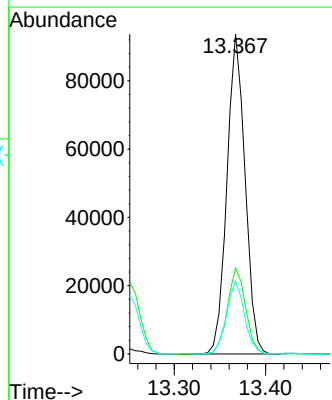
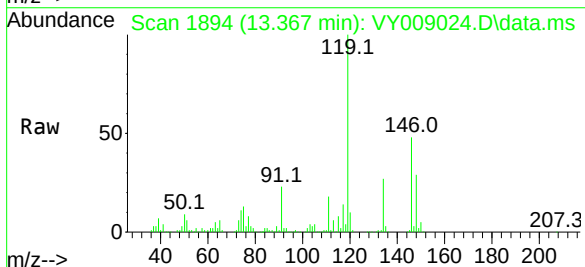
Tgt Ion:119 Resp: 129225

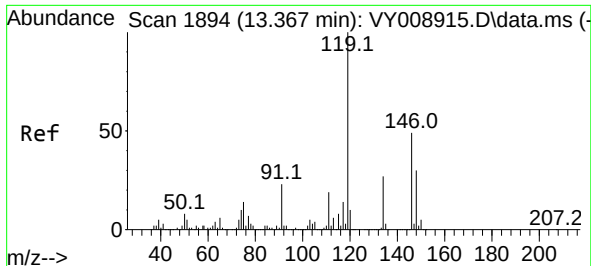
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

91 22.8 12.4 37.2

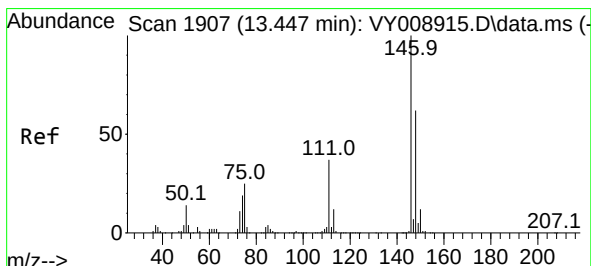
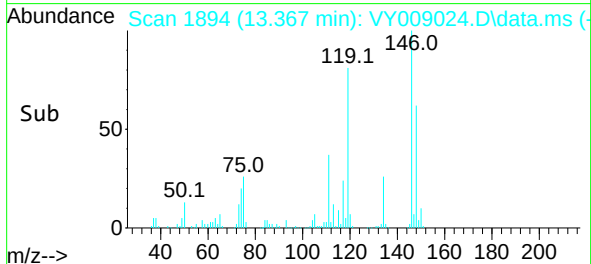
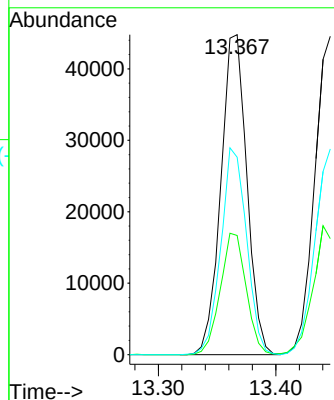
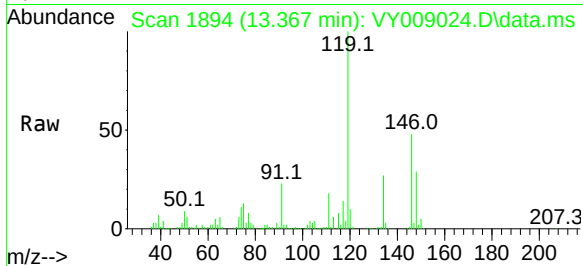




#87
1,3-Dichlorobenzene
Concen: 19.621 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

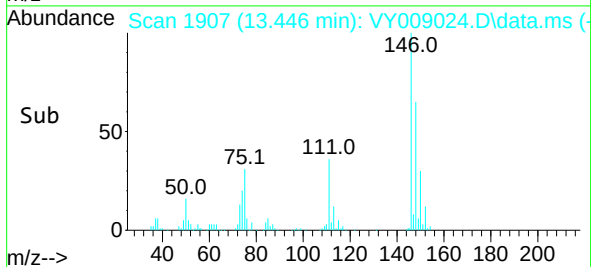
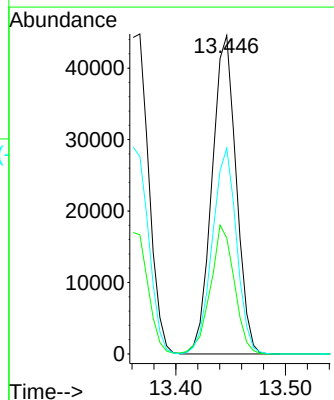
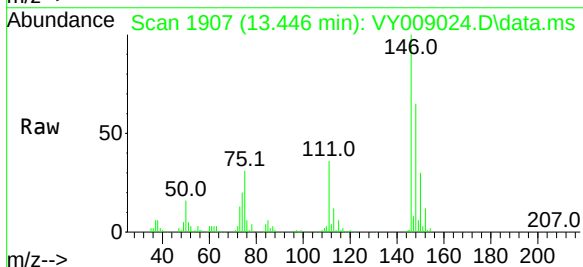
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS03

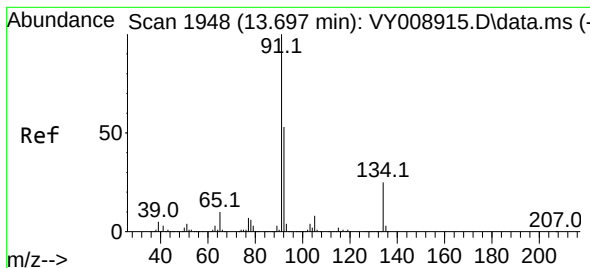
Tgt Ion:146 Resp: 68973
Ion Ratio Lower Upper
146 100
111 37.7 19.5 58.5
148 63.9 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 19.357 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY009024.D
Acq: 23 May 2022 22:52

Tgt Ion:146 Resp: 68360
Ion Ratio Lower Upper
146 100
111 40.0 19.3 57.8
148 64.9 32.6 97.8





#89

n-Butylbenzene

Concen: 20.162 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS03

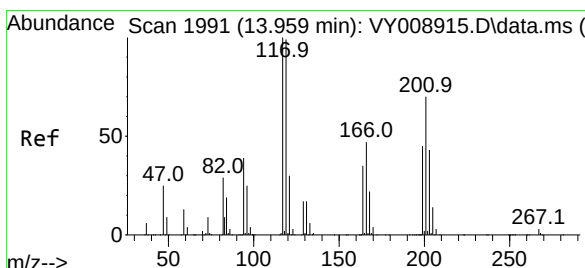
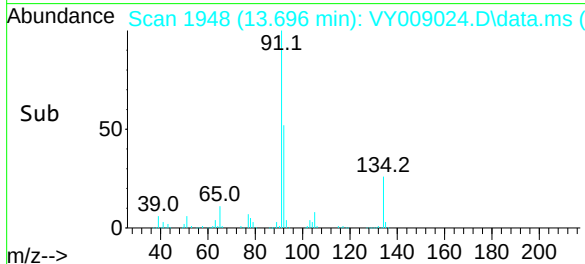
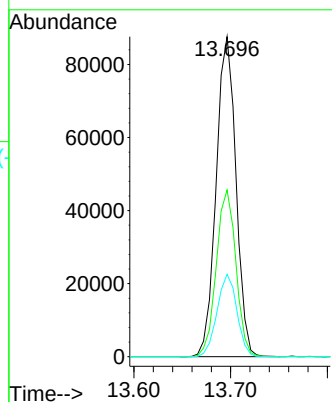
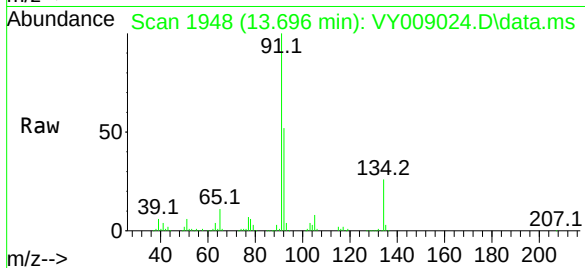
Tgt Ion: 91 Resp: 124404

Ion Ratio Lower Upper

91 100

92 51.6 26.3 78.9

134 25.8 13.0 38.9



#90

Hexachloroethane

Concen: 20.416 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY009024.D

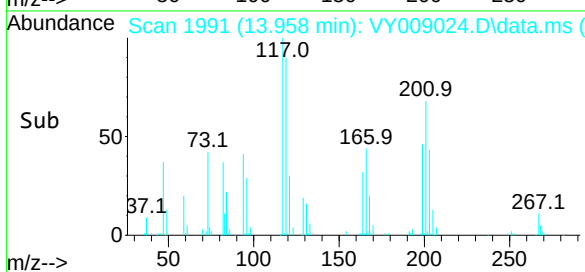
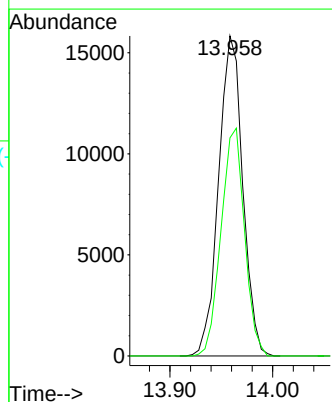
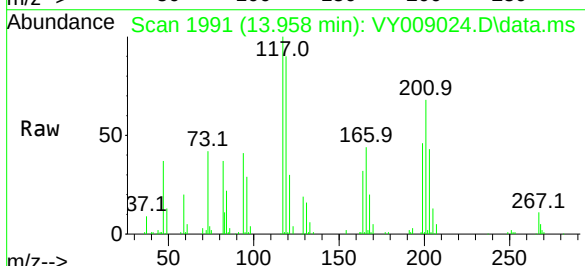
Acq: 23 May 2022 22:52

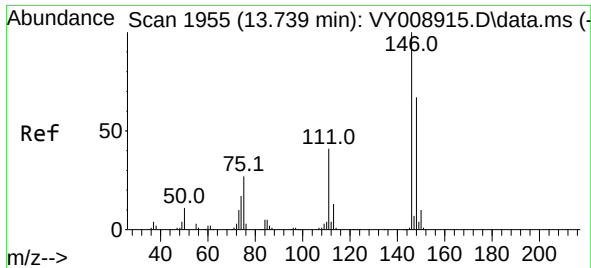
Tgt Ion: 117 Resp: 25804

Ion Ratio Lower Upper

117 100

201 69.2 43.0 128.8

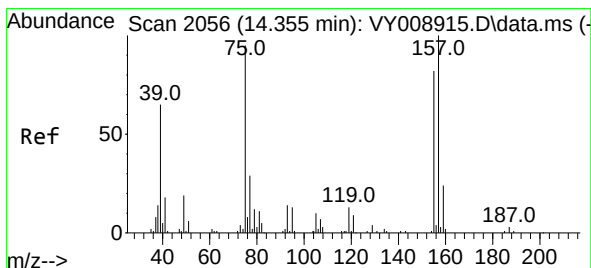
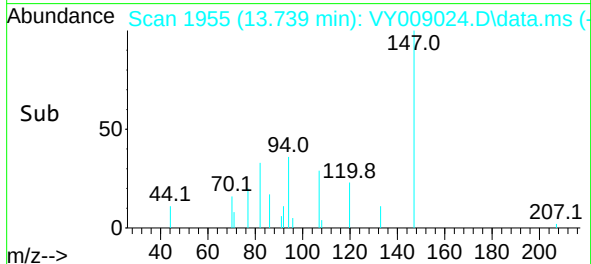
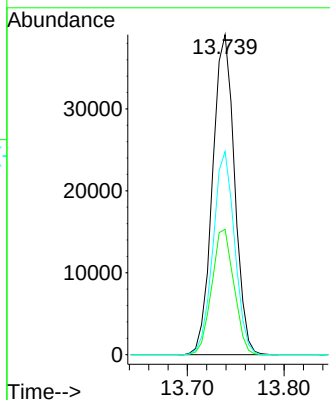
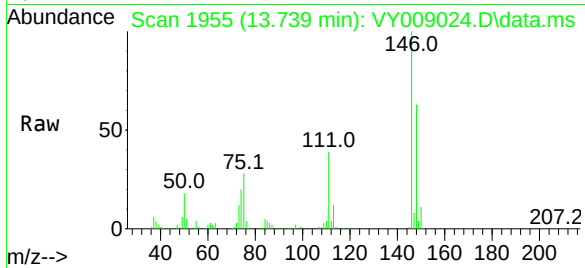




#91
 1,2-Dichlorobenzene
 Concen: 19.872 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY009024.D
 Acq: 23 May 2022 22:52

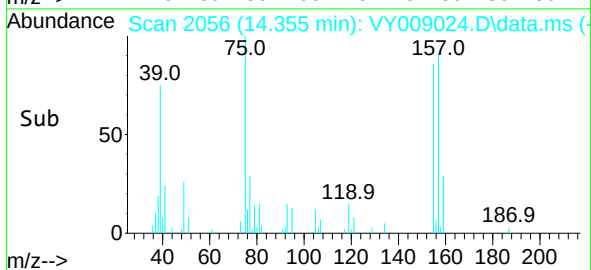
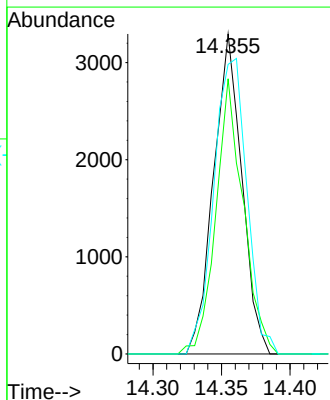
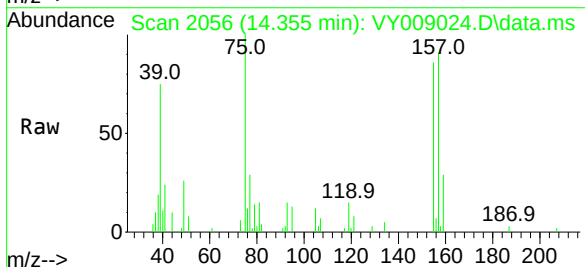
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS03

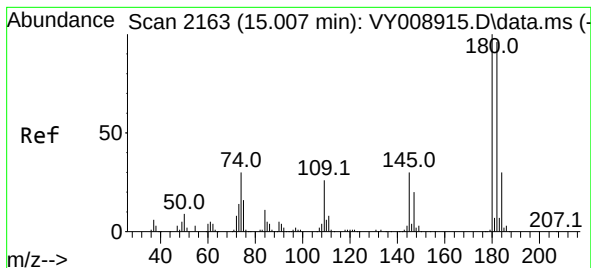
Tgt Ion:146	Resp:	61664
Ion	Ratio	Lower Upper
146	100	
111	39.5	20.3 60.9
148	62.5	32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.796 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY009024.D
 Acq: 23 May 2022 22:52

Tgt Ion: 75	Resp:	4728
Ion	Ratio	Lower Upper
75	100	
155	83.1	38.0 113.9
157	108.2	47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.396 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS03

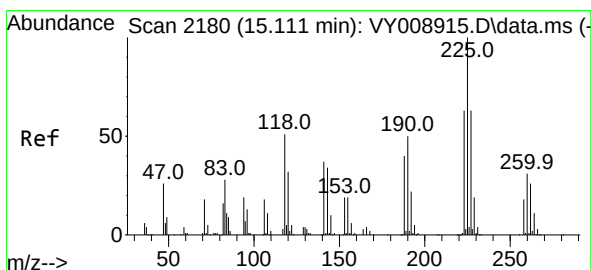
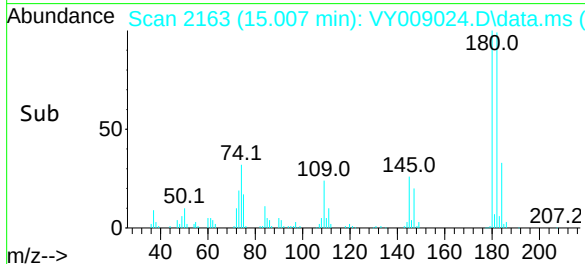
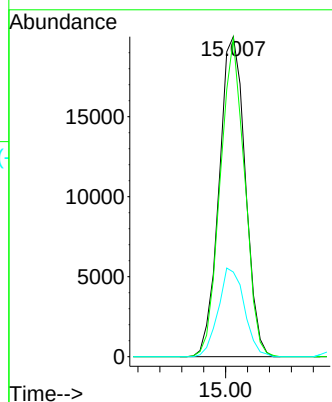
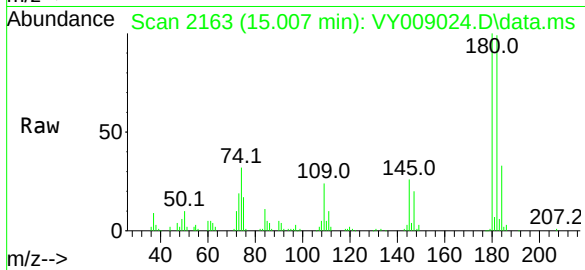
Tgt Ion:180 Resp: 33031

Ion Ratio Lower Upper

180 100

182 92.6 47.3 141.9

145 27.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 19.082 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

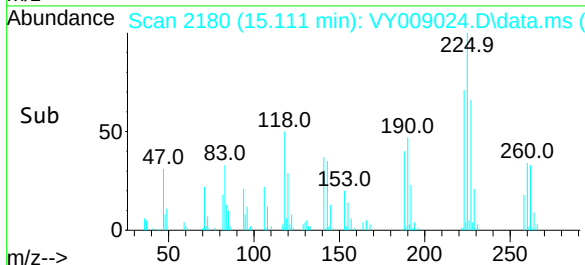
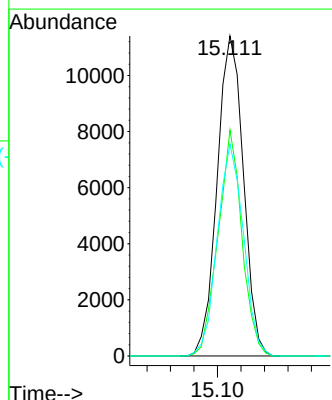
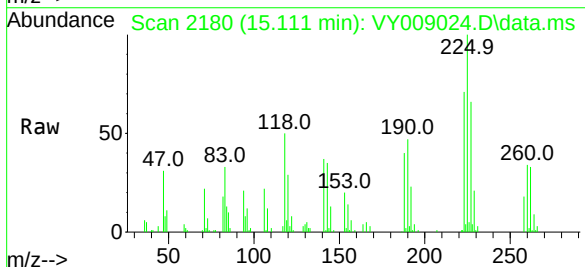
Tgt Ion:225 Resp: 17711

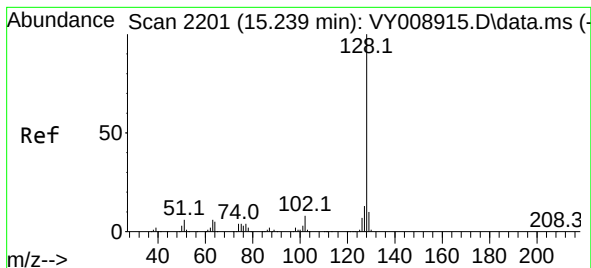
Ion Ratio Lower Upper

225 100

223 64.3 30.8 92.3

227 66.0 31.6 94.7





#95

Naphthalene

Concen: 19.316 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS03

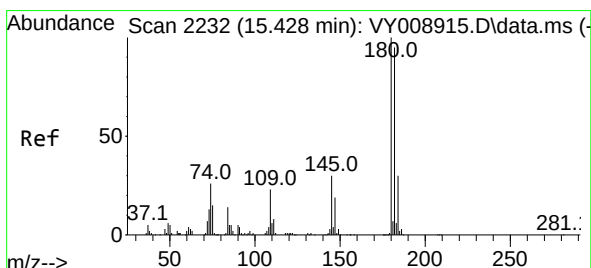
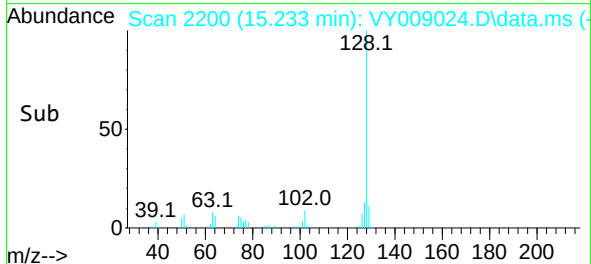
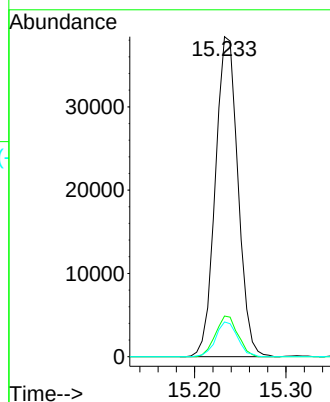
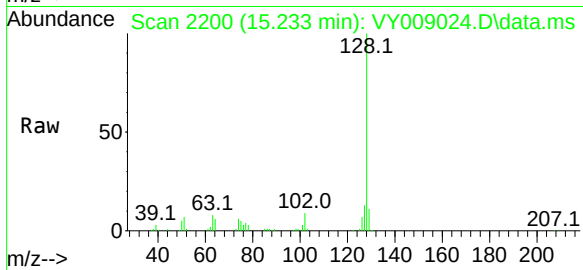
Tgt Ion:128 Resp: 66081

Ion Ratio Lower Upper

128 100

127 12.5 11.0 16.4

129 10.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 18.846 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY009024.D

Acq: 23 May 2022 22:52

Tgt Ion:180 Resp: 27890

Ion Ratio Lower Upper

180 100

182 97.1 47.3 141.9

145 31.5 15.3 45.9

