

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071322\
 Data File : VY009551.D
 Acq On : 13 Jul 2022 11:11
 Operator : KP/MD
 Sample : VY0713SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Quant Time: Jul 14 02:43:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	158136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	243689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	227494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123955	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55378	49.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.340%
35) Dibromofluoromethane	7.710	113	59310	46.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.520%
50) Toluene-d8	10.173	98	171528	48.557	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	97.120%
62) 4-Bromofluorobenzene	12.477	95	92432	51.069	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	102.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	22181	18.291	ug/l	97
3) Chloromethane	2.107	50	21138	15.609	ug/l	97
4) Vinyl Chloride	2.241	62	27209	17.647	ug/l	96
5) Bromomethane	2.619	94	20494	18.501	ug/l	85
6) Chloroethane	2.778	64	16728	18.583	ug/l	99
7) Trichlorofluoromethane	3.113	101	40637	19.741	ug/l	93
8) Diethyl Ether	3.521	74	15204	19.305	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.887	101	26495	18.996	ug/l	97
10) Methyl Iodide	4.076	142	27780	17.751	ug/l	90
11) Tert butyl alcohol	4.942	59	17975	71.302	ug/l #	91
12) 1,1-Dichloroethene	3.857	96	22612	17.479	ug/l	86
13) Acrolein	3.723	56	4905	64.704	ug/l	99
14) Allyl chloride	4.472	41	40133	18.031	ug/l	97
15) Acrylonitrile	5.155	53	42309	97.632	ug/l	99
16) Acetone	3.936	43	35448	92.147	ug/l	99
17) Carbon Disulfide	4.180	76	49714	14.963	ug/l	98
18) Methyl Acetate	4.466	43	24027	21.272	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	77431	19.776	ug/l	93
20) Methylene Chloride	4.698	84	33814	15.283	ug/l	88
21) trans-1,2-Dichloroethene	5.204	96	25307	16.696	ug/l	87
22) Diisopropyl ether	6.106	45	96292	20.349	ug/l	92
23) Vinyl Acetate	6.051	43	296310	89.329	ug/l	96
24) 1,1-Dichloroethane	6.009	63	49853	18.682	ug/l	99
25) 2-Butanone	6.978	43	61180	98.312	ug/l	97
26) 2,2-Dichloropropane	6.966	77	52397	19.923	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	33420	18.728	ug/l	90
28) Bromochloromethane	7.326	49	20016	17.846	ug/l #	82
29) Tetrahydrofuran	7.338	42	39641	98.486	ug/l	95
30) Chloroform	7.496	83	55524	19.012	ug/l	100
31) Cyclohexane	7.777	56	42143	16.244	ug/l #	86
32) 1,1,1-Trichloroethane	7.691	97	48590	18.871	ug/l	98
36) 1,1-Dichloropropene	7.911	75	38096	18.250	ug/l	97
37) Ethyl Acetate	7.070	43	26888	20.548	ug/l #	95
38) Carbon Tetrachloride	7.893	117	43643	19.549	ug/l	98
39) Methylcyclohexane	9.179	83	43536	17.374	ug/l	92
40) Benzene	8.155	78	114161	18.624	ug/l	93

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	36323	53.459	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	37841	20.562	ug/l	93
43) Isopropyl Acetate	8.264	43	49951	20.459	ug/l	96
44) Trichloroethene	8.929	130	32737	18.905	ug/l	95
45) 1,2-Dichloropropane	9.209	63	30304	19.535	ug/l	93
46) Dibromomethane	9.295	93	17263	18.960	ug/l	94
47) Bromodichloromethane	9.490	83	42807	19.753	ug/l	99
48) Methyl methacrylate	9.289	41	20889	19.858	ug/l #	86
49) 1,4-Dioxane	9.295	88	5552	414.066	ug/l	93
51) 4-Methyl-2-Pentanone	10.063	43	138744	108.059	ug/l	98
52) Toluene	10.240	92	76555	19.599	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	45380	19.871	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	49977	19.626	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	26227	19.967	ug/l	97
56) Ethyl methacrylate	10.508	69	34673	19.883	ug/l	88
57) 1,3-Dichloropropane	10.788	76	43047	19.880	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	83331	97.819	ug/l	95
59) 2-Hexanone	10.831	43	96209	108.137	ug/l	95
60) Dibromochloromethane	10.983	129	32284	20.297	ug/l	98
61) 1,2-Dibromoethane	11.087	107	24741	19.648	ug/l	100
64) Tetrachloroethene	10.715	164	31114	16.358	ug/l	92
65) Chlorobenzene	11.514	112	88081	19.714	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	33890	20.164	ug/l	99
67) Ethyl Benzene	11.587	91	150630	19.311	ug/l	98
68) m/p-Xylenes	11.703	106	120123	39.487	ug/l	93
69) o-Xylene	12.026	106	57291	19.648	ug/l	93
70) Styrene	12.044	104	98526	20.230	ug/l	95
71) Bromoform	12.203	173	21921	20.464	ug/l #	100
73) Isopropylbenzene	12.325	105	155188	18.306	ug/l	99
74) N-amyl acetate	12.142	43	48044	19.919	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	33259	19.594	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	44043	33.565	ug/l #	100
77) Bromobenzene	12.605	156	37301	18.074	ug/l	95
78) n-propylbenzene	12.666	91	188270	18.383	ug/l	97
79) 2-Chlorotoluene	12.751	91	106889	18.642	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	132531	18.704	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	11364	17.725	ug/l	91
82) 4-Chlorotoluene	12.849	91	113470	18.883	ug/l	97
83) tert-Butylbenzene	13.075	119	118863	18.855	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	133627	18.946	ug/l	97
85) sec-Butylbenzene	13.251	105	176600	19.021	ug/l	98
86) p-Isopropyltoluene	13.367	119	146140	18.884	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	78652	19.307	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	78997	19.160	ug/l	98
89) n-Butylbenzene	13.696	91	137715	19.056	ug/l	99
90) Hexachloroethane	13.959	117	28411	18.711	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	71059	19.039	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	5674	19.072	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	40633	17.850	ug/l	99
94) Hexachlorobutadiene	15.111	225	23431	18.722	ug/l	97
95) Naphthalene	15.233	128	84819	18.021	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	35646	18.080	ug/l	98

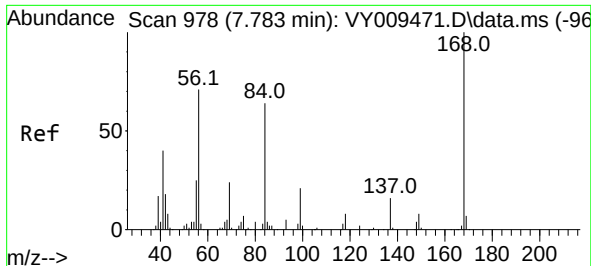
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Response via : Initial Calibration

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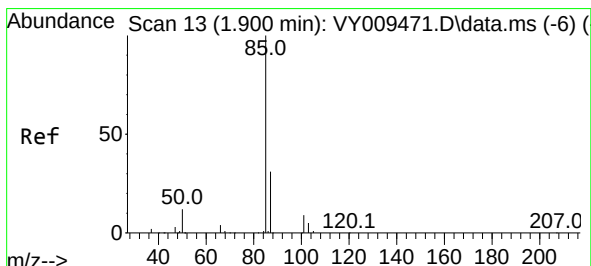
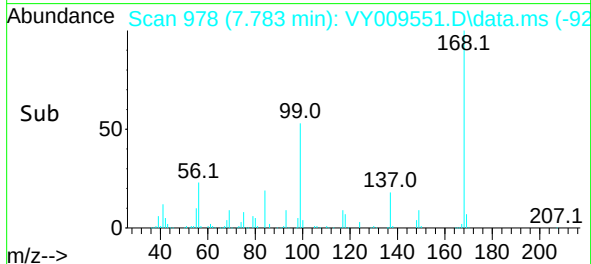
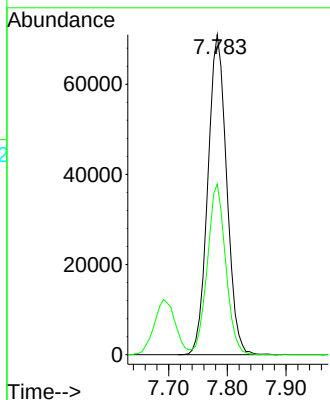
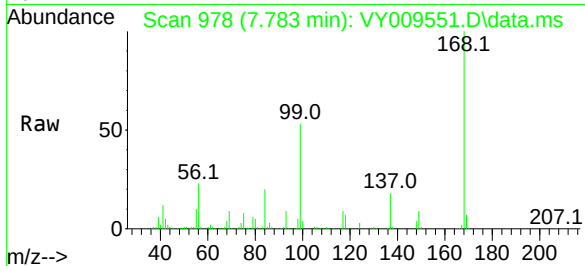
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

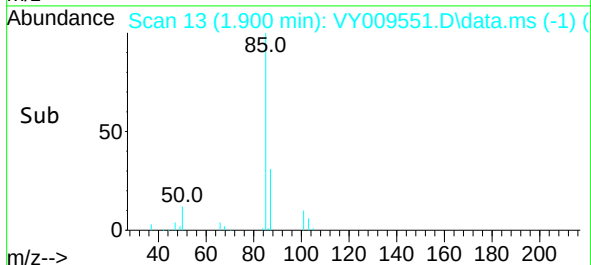
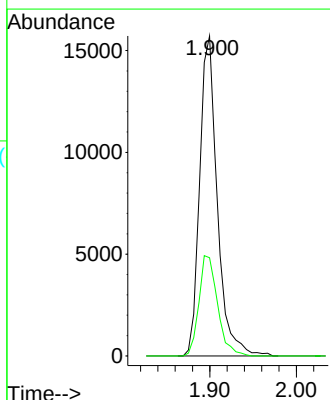
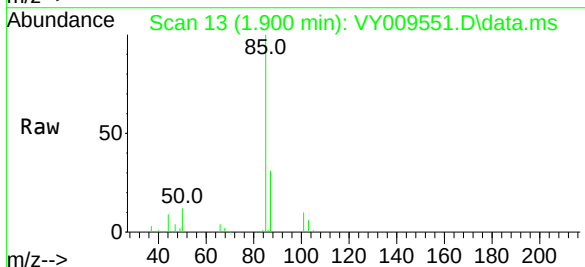
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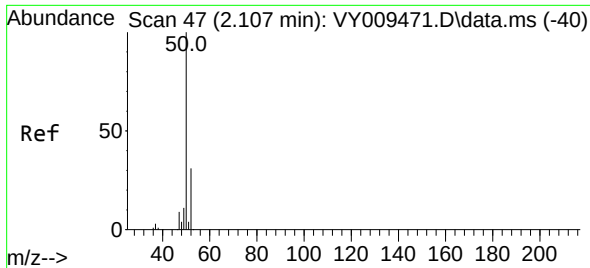
Tgt Ion:168 Resp: 158136
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 18.291 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion: 85 Resp: 22181
Ion Ratio Lower Upper
85 100
87 30.7 16.1 48.2

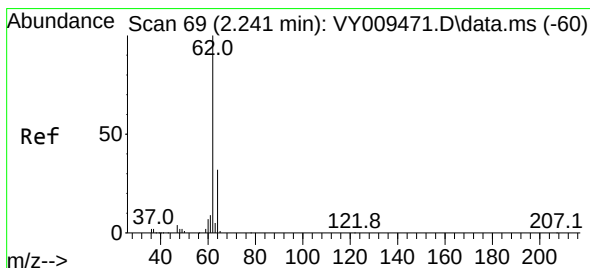
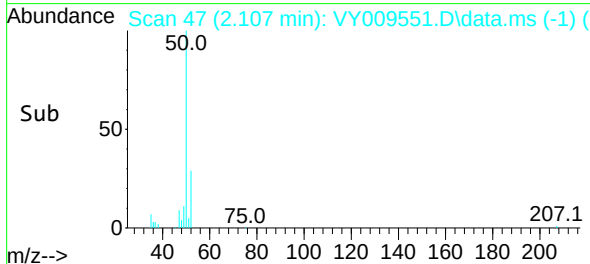
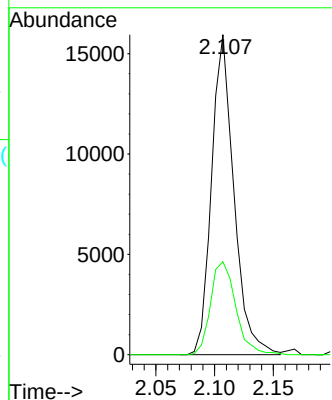
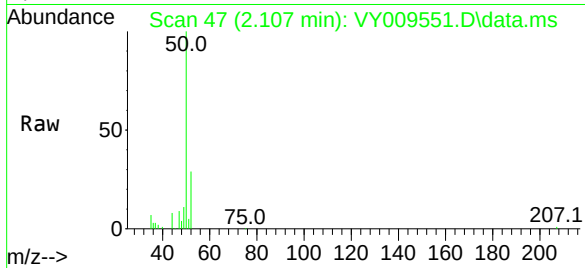




#3
Chloromethane
Concen: 15.609 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

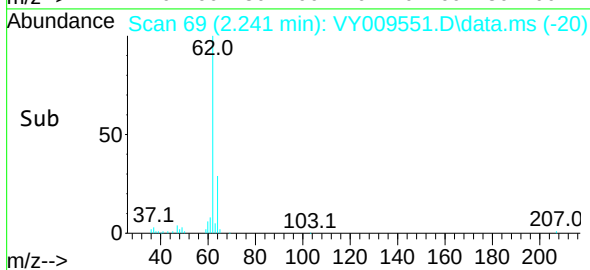
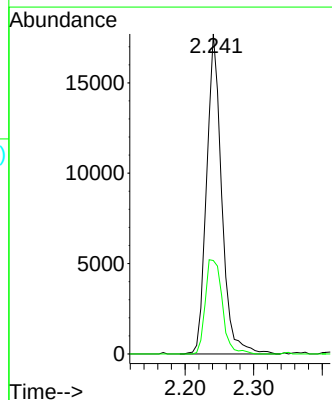
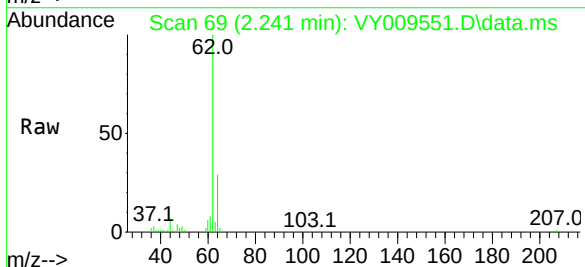
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ClientSampleId :
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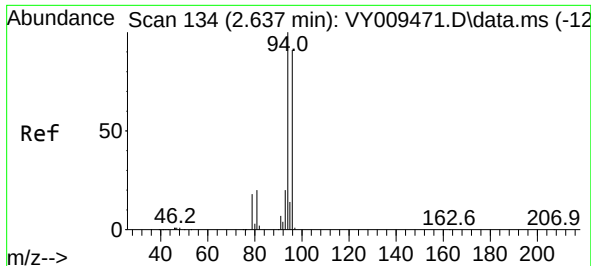
Tgt Ion: 50 Resp: 21138
Ion Ratio Lower Upper
50 100
52 29.0 24.6 37.0



#4
Vinyl Chloride
Concen: 17.647 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion: 62 Resp: 27209
Ion Ratio Lower Upper
62 100
64 29.2 25.0 37.6

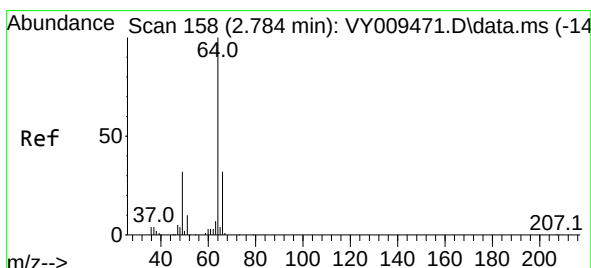
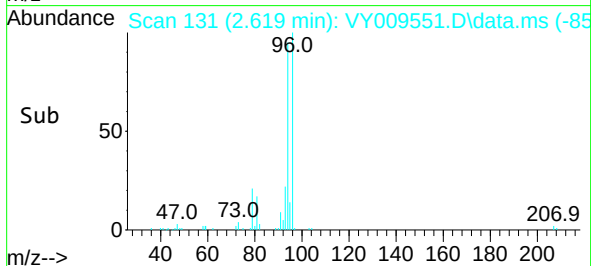
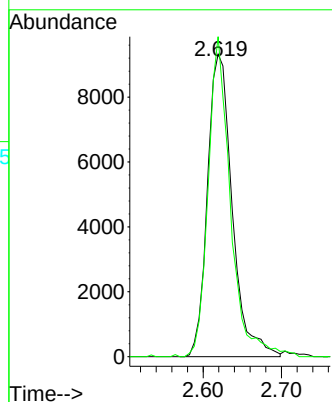
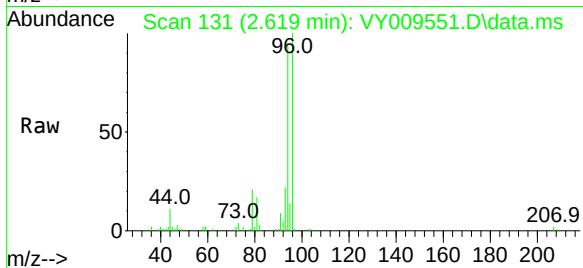




#5
Bromomethane
Concen: 18.501 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

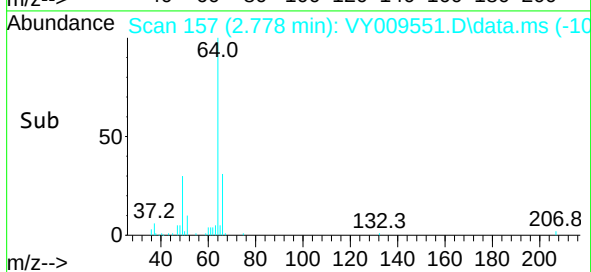
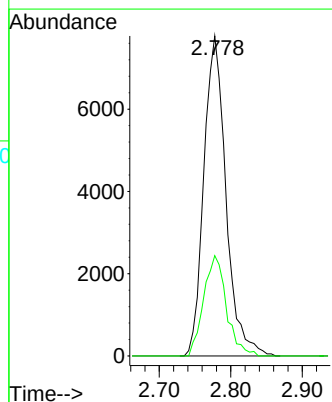
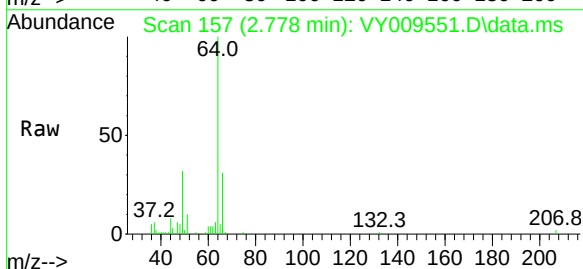
Instrument :
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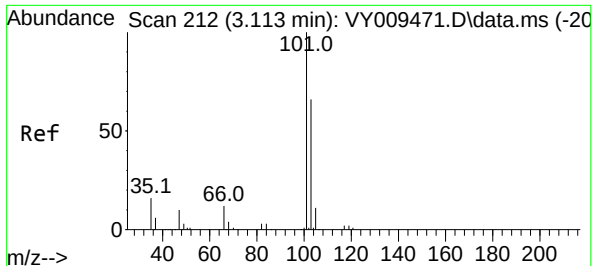
Tgt Ion: 94 Resp: 20494
Ion Ratio Lower Upper
94 100
96 105.8 73.5 110.3



#6
Chloroethane
Concen: 18.583 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion: 64 Resp: 16728
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.0

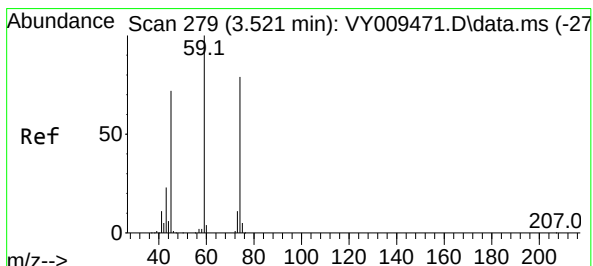
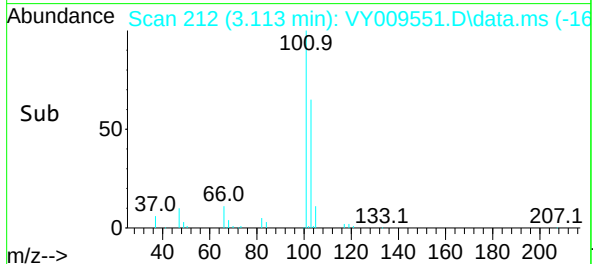
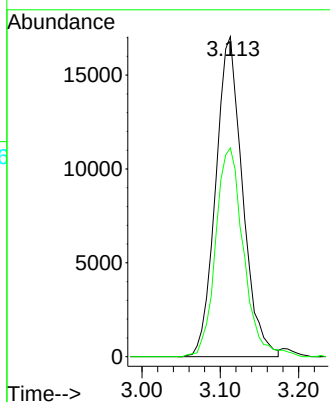
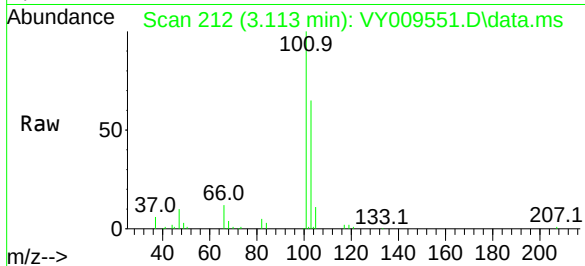




#7
 Trichlorofluoromethane
 Concen: 19.741 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY009551.D
 Acq: 13 Jul 2022 11:11

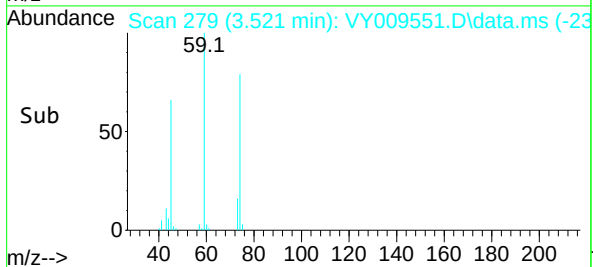
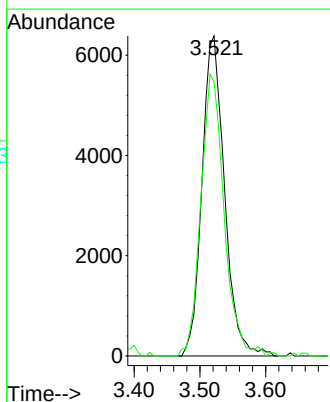
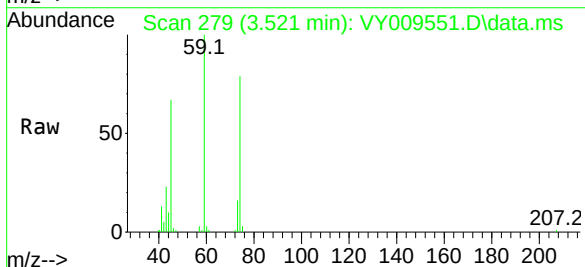
Instrument :
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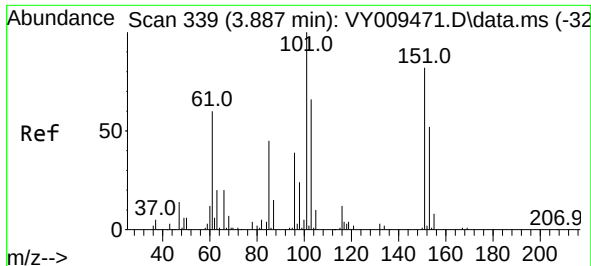
Tgt Ion:101 Resp: 40637
 Ion Ratio Lower Upper
 101 100
 103 65.3 48.0 72.0



#8
 Diethyl Ether
 Concen: 19.305 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY009551.D
 Acq: 13 Jul 2022 11:11

Tgt Ion: 74 Resp: 15204
 Ion Ratio Lower Upper
 74 100
 45 91.0 55.1 165.5

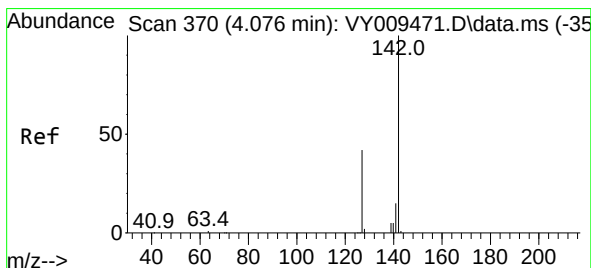
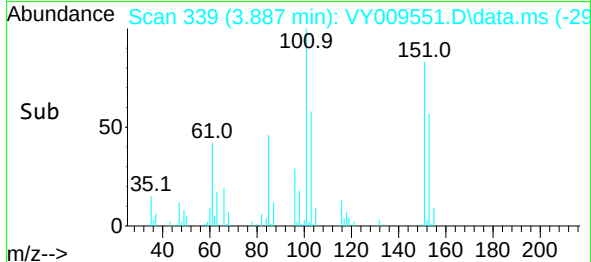
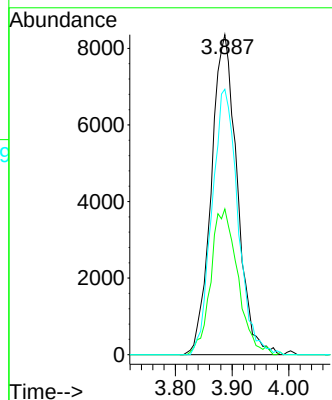
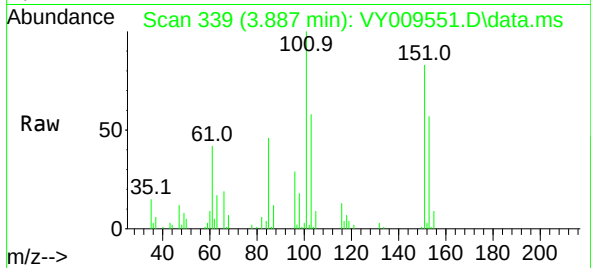




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.996 ug/l
 RT: 3.887 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VY009551.D
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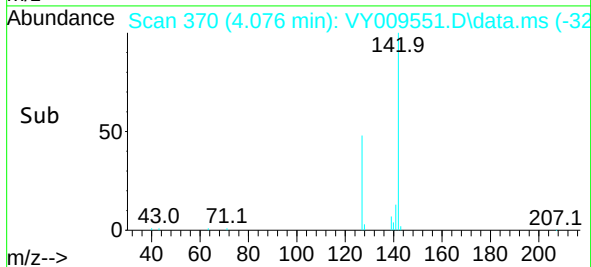
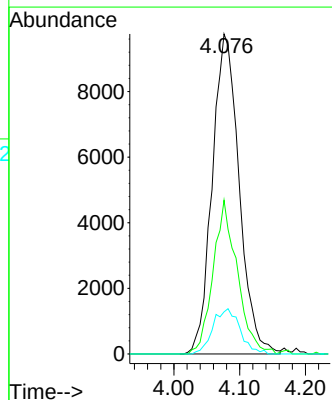
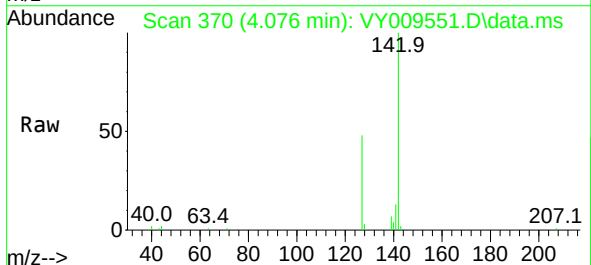
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

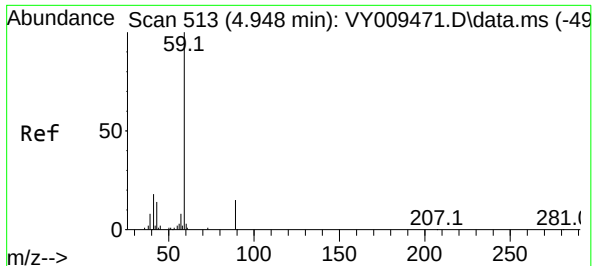
Tgt Ion:	101	Resp:	26495
Ion Ratio	Lower	Upper	
101	100		
85	47.4	40.6	60.8
151	83.3	64.9	97.3



#10
 Methyl Iodide
 Concen: 17.751 ug/l
 RT: 4.076 min Scan# 370
 Delta R.T. 0.000 min
 Lab File: VY009551.D
 Acq: 13 Jul 2022 11:11

Tgt Ion:	142	Resp:	27780
Ion Ratio	Lower	Upper	
142	100		
127	43.2	41.5	62.3
141	14.3	11.9	17.9

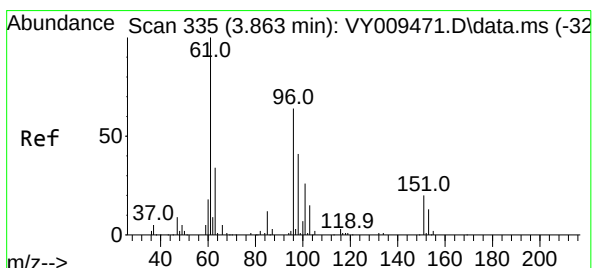
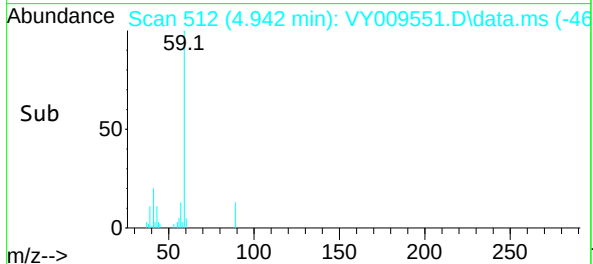
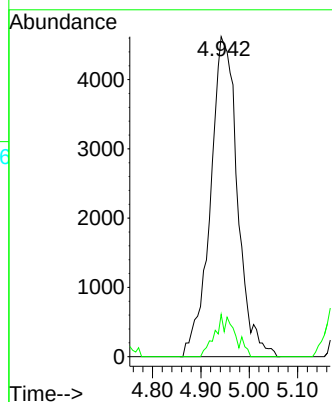
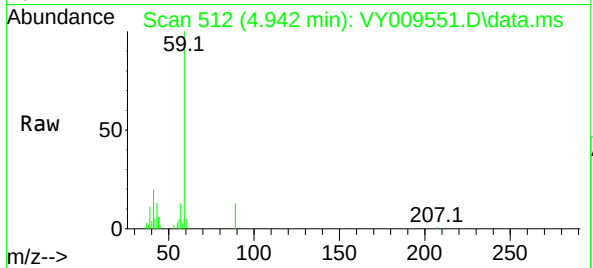




#11
Tert butyl alcohol
Concen: 71.302 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

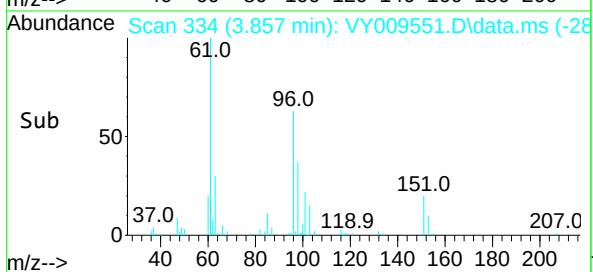
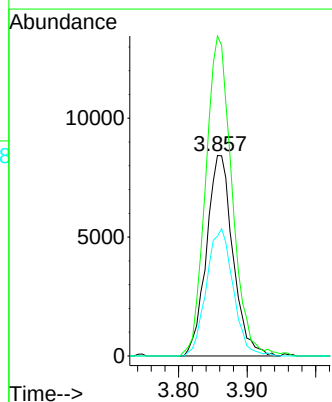
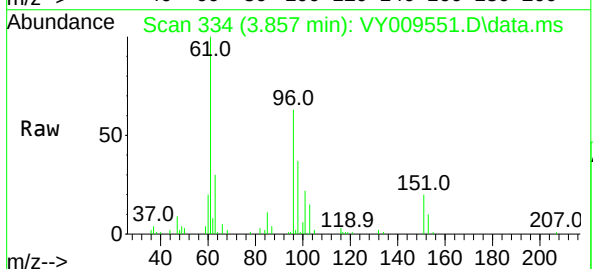
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

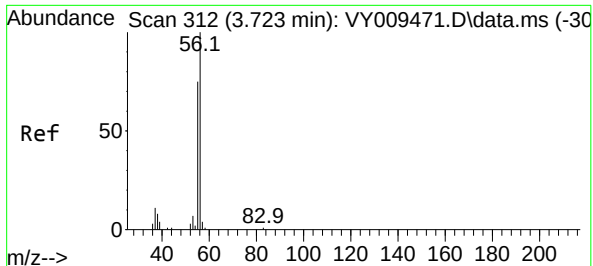
Tgt Ion: 59 Resp: 17975
Ion Ratio Lower Upper
59 100
57 4.8 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 17.479 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion: 96 Resp: 22612
Ion Ratio Lower Upper
96 100
61 159.6 145.8 218.6
98 59.8 52.5 78.7

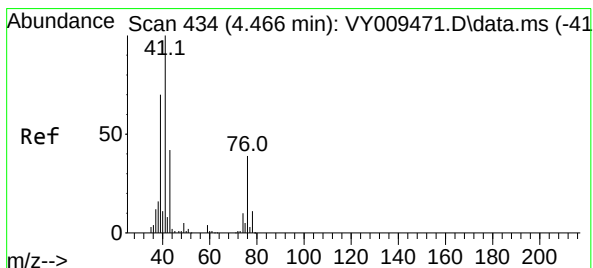
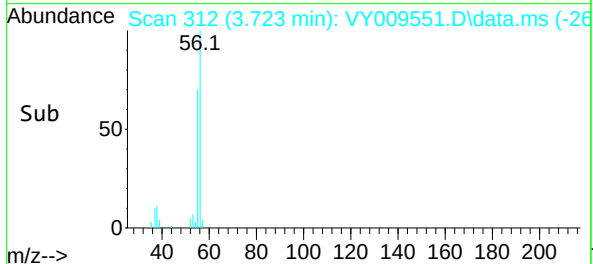
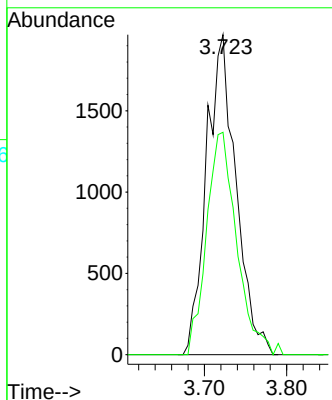
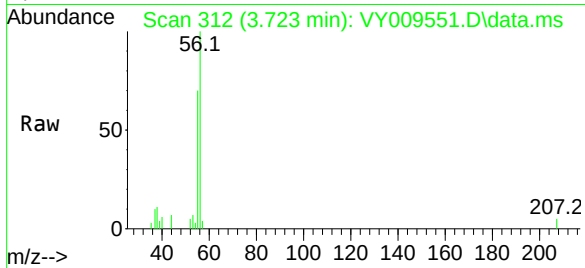




#13
Acrolein
Concen: 64.704 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

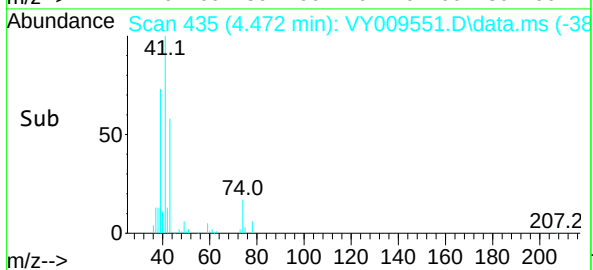
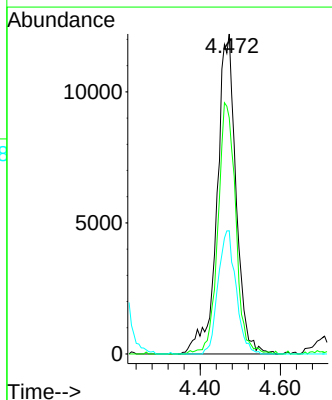
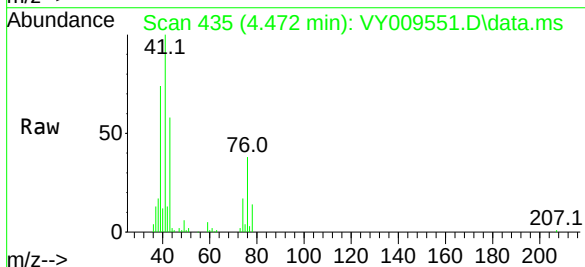
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

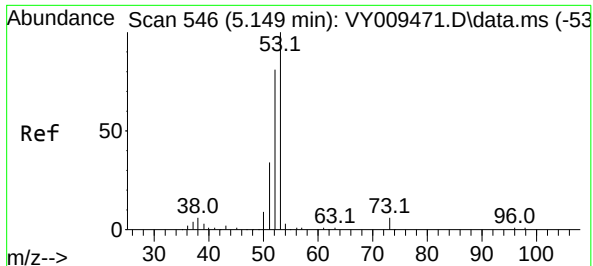
Tgt Ion: 56 Resp: 4905
Ion Ratio Lower Upper
56 100
55 71.2 57.6 86.4



#14
Allyl chloride
Concen: 18.031 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion: 41 Resp: 40133
Ion Ratio Lower Upper
41 100
39 73.4 58.8 88.2
76 36.4 25.1 37.7

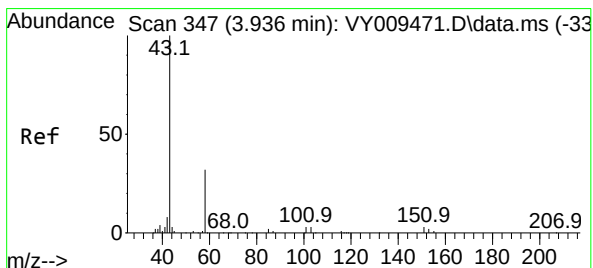
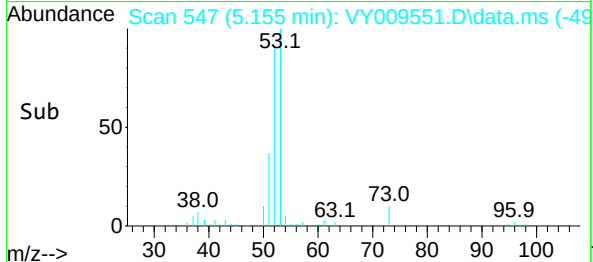
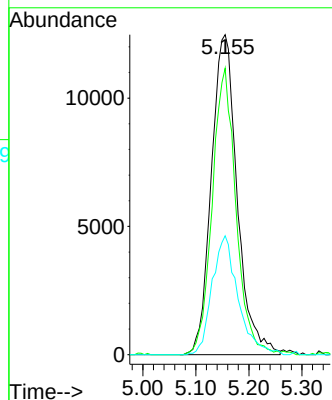
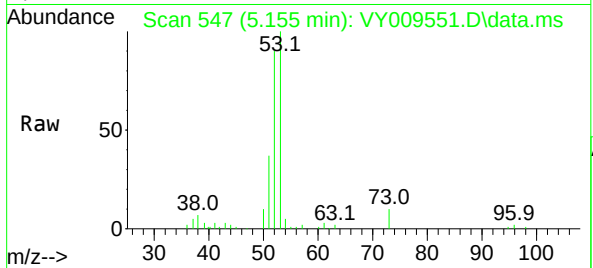




#15
Acrylonitrile
Concen: 97.632 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

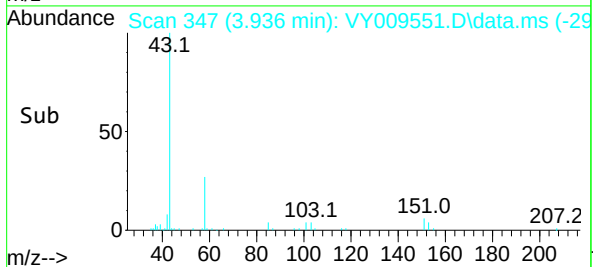
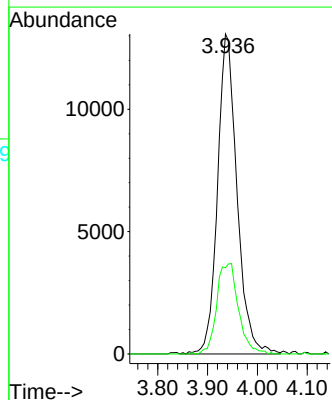
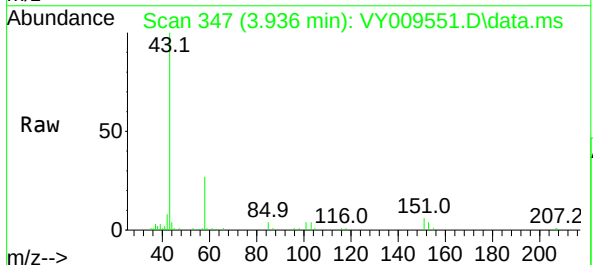
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

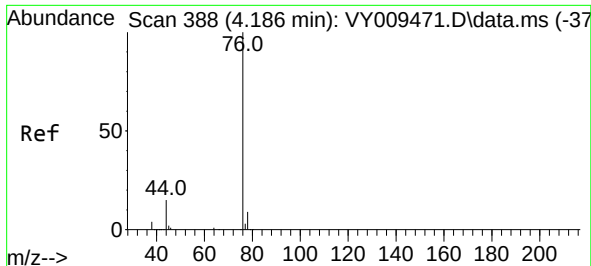
Tgt Ion: 53	Resp: 42309
Ion Ratio	Lower Upper
53 100	
52 82.4	67.0 100.4
51 37.4	29.8 44.6



#16
Acetone
Concen: 92.147 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion: 43	Resp: 35448
Ion Ratio	Lower Upper
43 100	
58 26.9	22.0 33.0

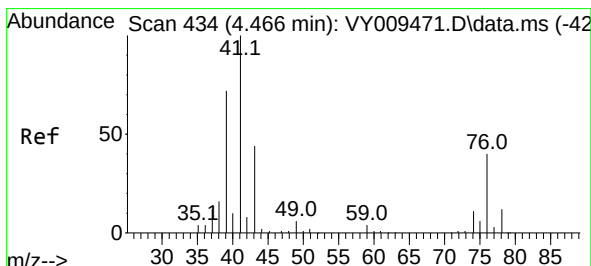
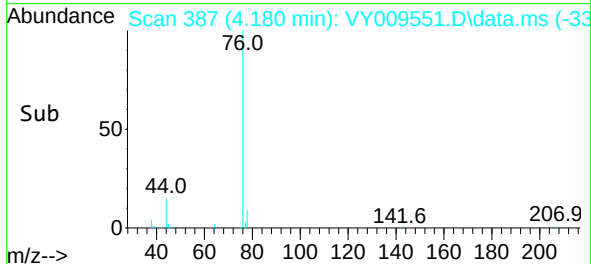
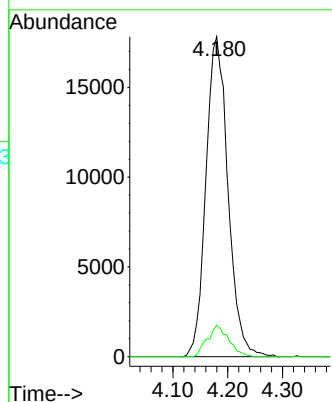
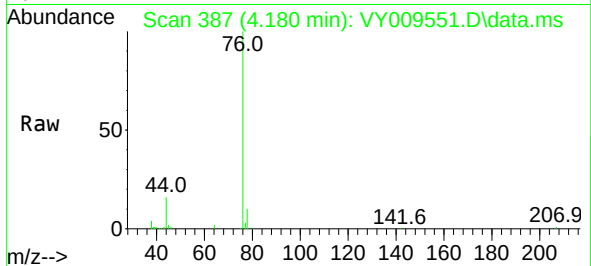




#17
Carbon Disulfide
Concen: 14.963 ug/l
RT: 4.180 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

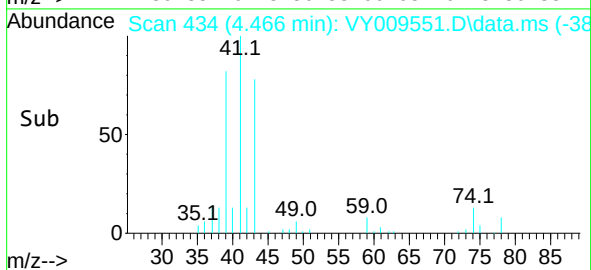
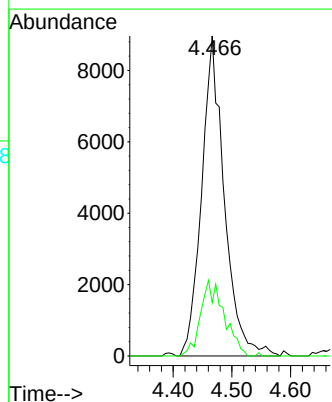
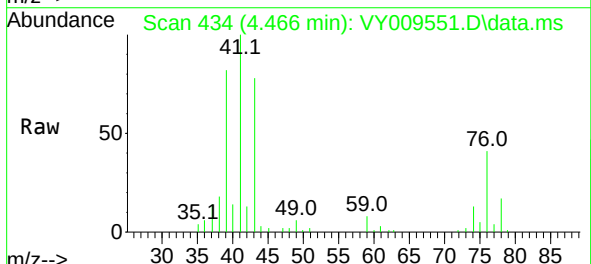
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

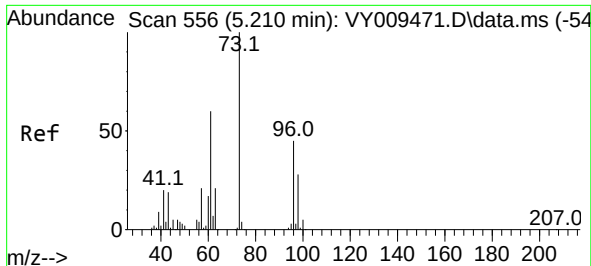
Tgt Ion: 76 Resp: 49714
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 21.272 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion: 43 Resp: 24027
Ion Ratio Lower Upper
43 100
74 24.6 16.6 24.8

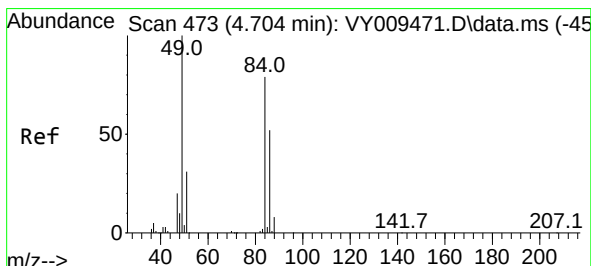
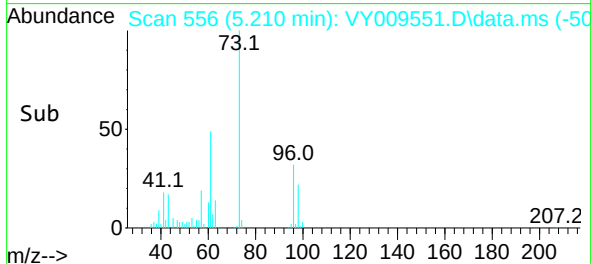
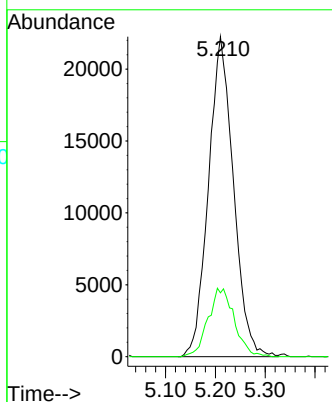
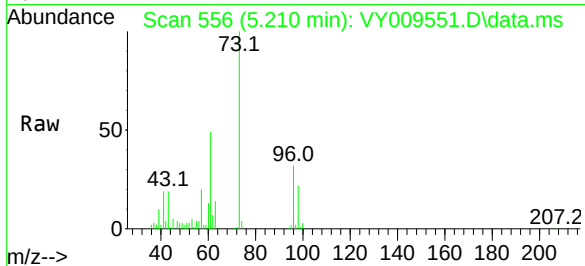




#19
Methyl tert-butyl Ether
Concen: 19.776 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

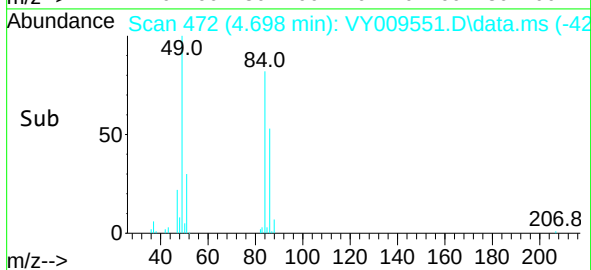
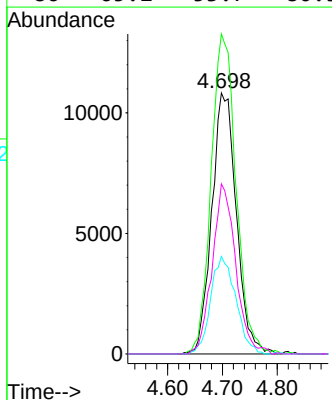
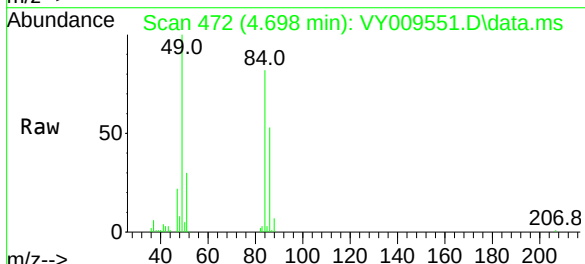
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

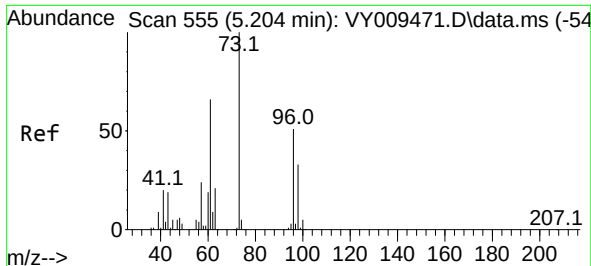
Tgt Ion: 73 Resp: 77431
Ion Ratio Lower Upper
73 100
57 19.9 18.6 27.8



#20
Methylene Chloride
Concen: 15.283 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion: 84 Resp: 33814
Ion Ratio Lower Upper
84 100
49 122.6 114.4 171.6
51 37.4 35.3 52.9
86 65.2 53.7 80.5

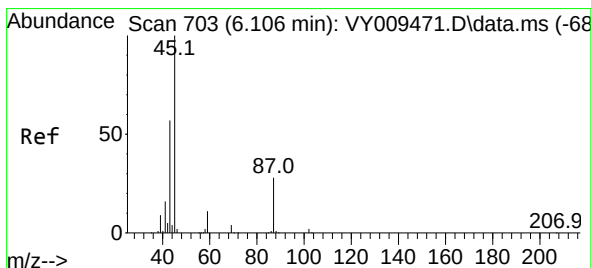
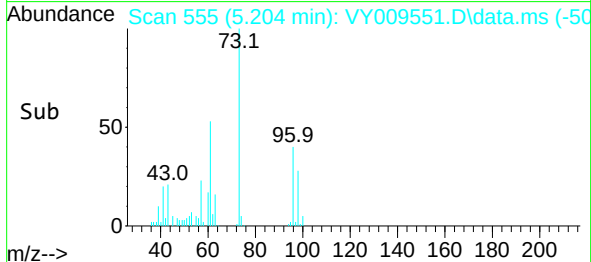
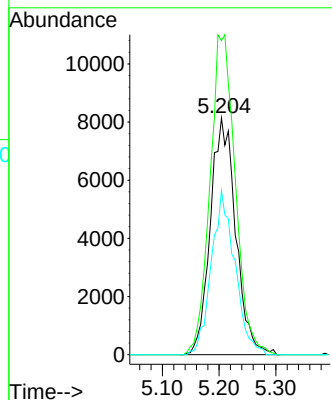
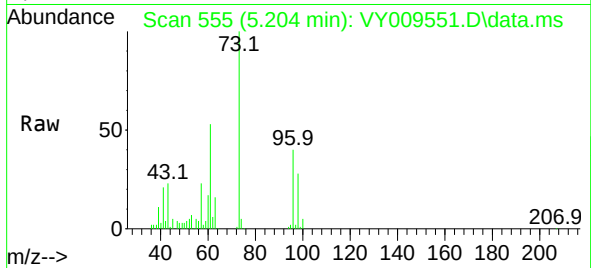




#21
trans-1,2-Dichloroethene
Concen: 16.696 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

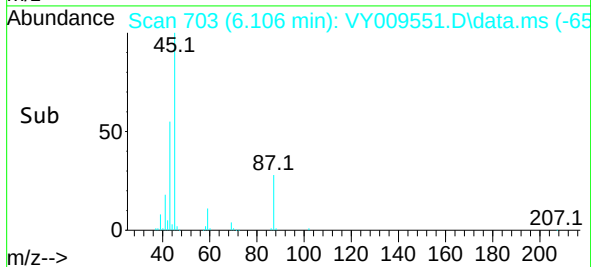
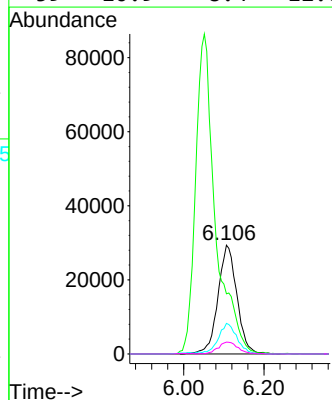
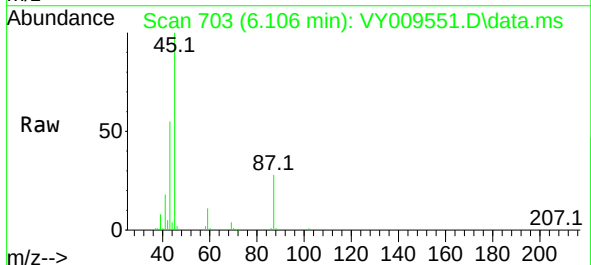
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

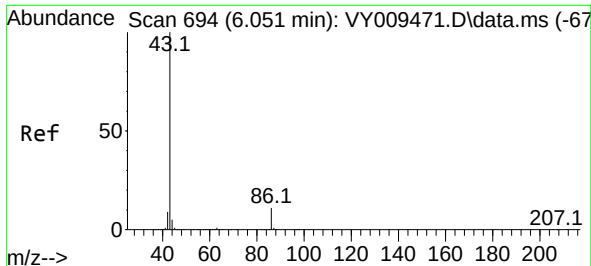
Tgt Ion: 96 Resp: 25307
Ion Ratio Lower Upper
96 100
61 132.7 120.5 180.7
98 69.4 49.8 74.8



#22
Diisopropyl ether
Concen: 20.349 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion: 45 Resp: 96292
Ion Ratio Lower Upper
45 100
43 55.3 49.3 73.9
87 28.2 19.2 28.8
59 10.9 8.4 12.6

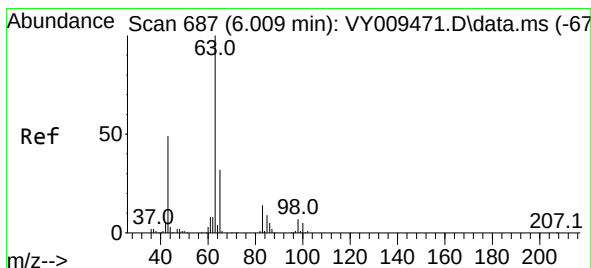
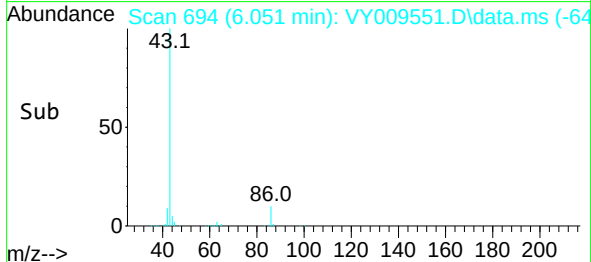
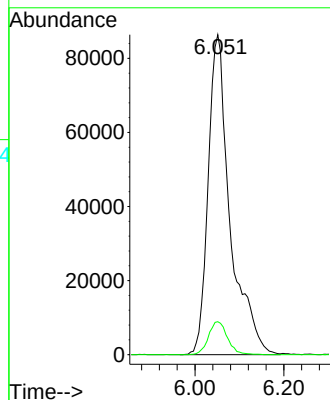
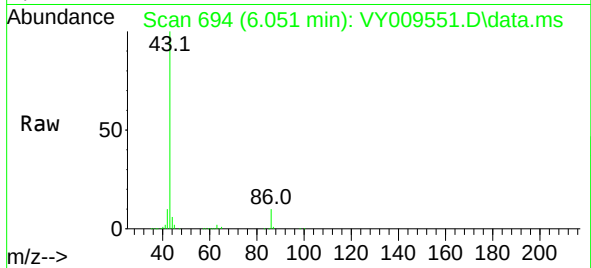




#23
 Vinyl Acetate
 Concen: 89.329 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009551.D
 Acq: 13 Jul 2022 11:11

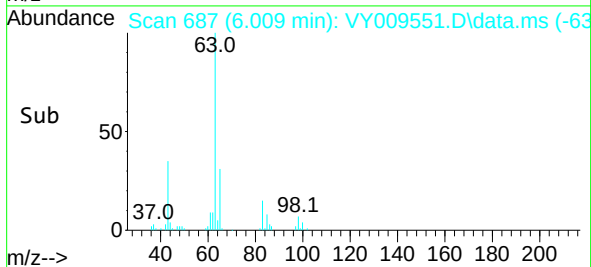
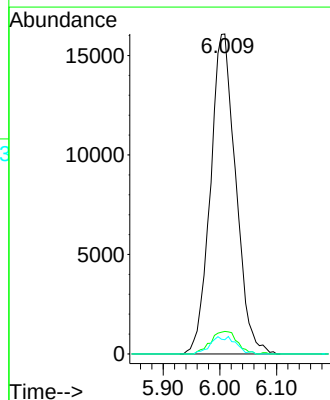
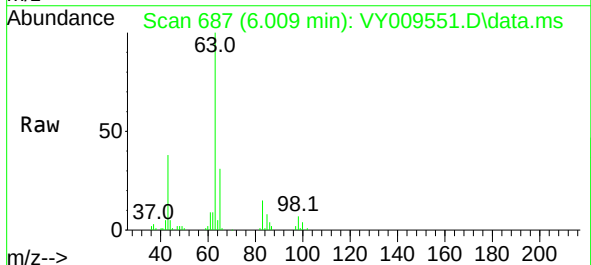
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBSD01

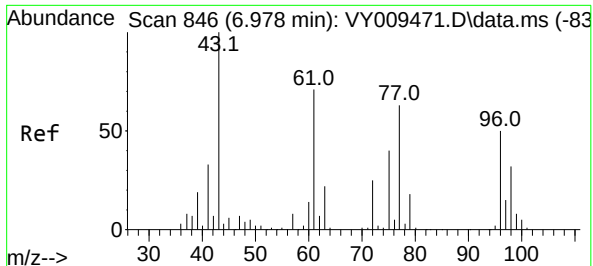
Tgt Ion: 43 Resp: 296310
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 18.682 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY009551.D
 Acq: 13 Jul 2022 11:11

Tgt Ion: 63 Resp: 49853
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.5 2.0 5.8





#25

2-Butanone

Concen: 98.312 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

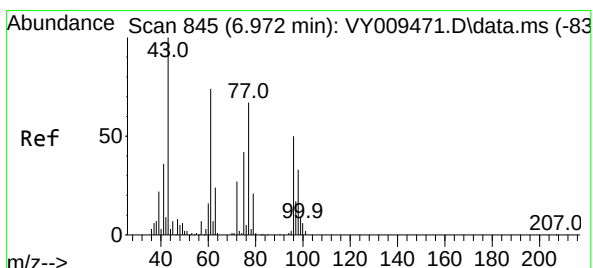
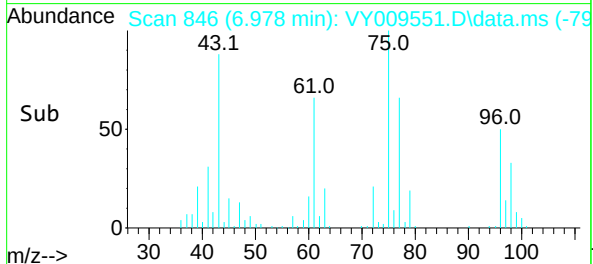
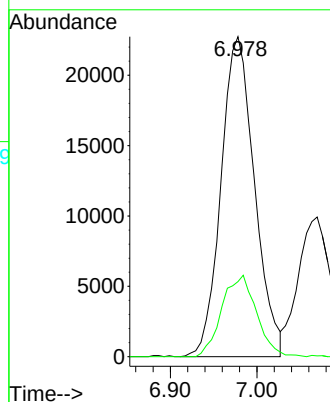
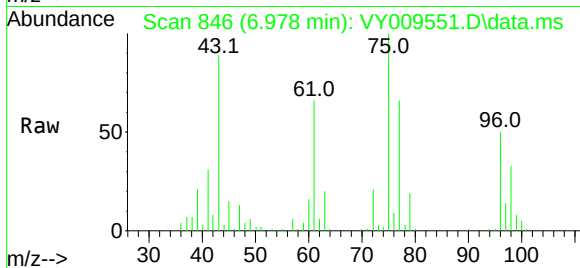
VY0713SBS01

Tgt Ion: 43 Resp: 61180

Ion Ratio Lower Upper

43 100

72 23.4 17.7 26.5



#26

2,2-Dichloropropane

Concen: 19.923 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY009551.D

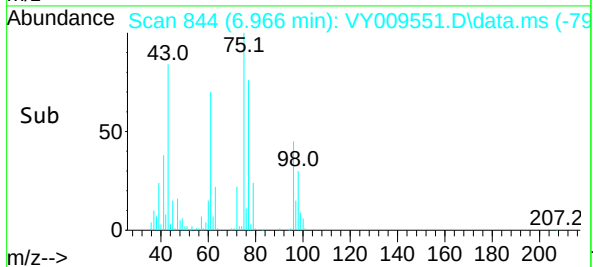
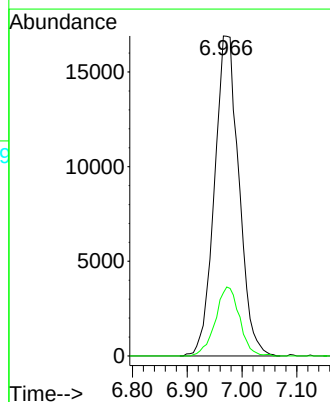
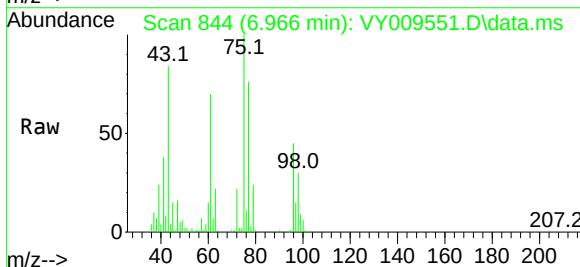
Acq: 13 Jul 2022 11:11

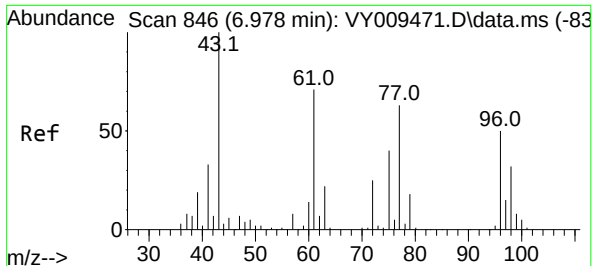
Tgt Ion: 77 Resp: 52397

Ion Ratio Lower Upper

77 100

97 21.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 18.728 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

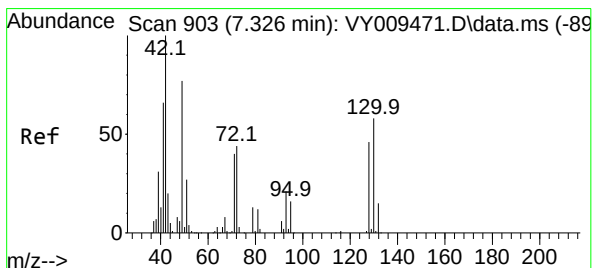
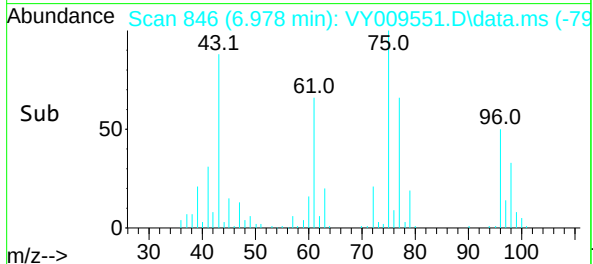
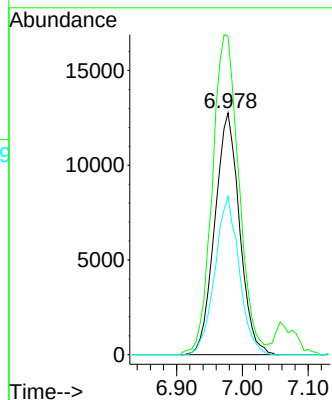
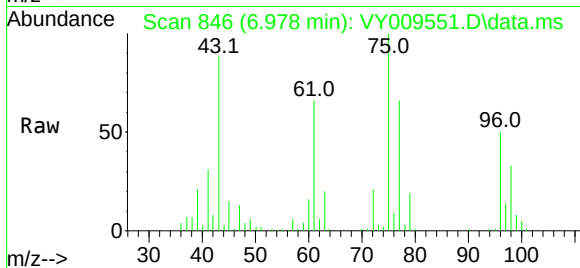
Tgt Ion: 96 Resp: 33420

Ion Ratio Lower Upper

96 100

61 142.3 0.0 319.8

98 64.3 0.0 127.0



#28

Bromochloromethane

Concen: 17.846 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

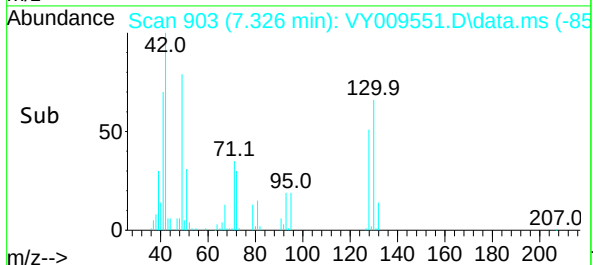
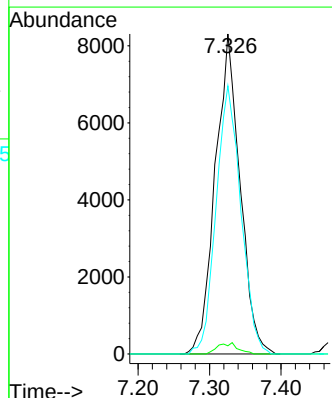
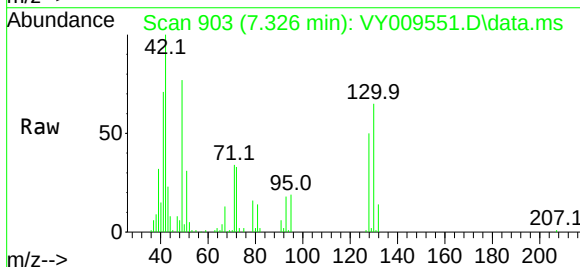
Tgt Ion: 49 Resp: 20016

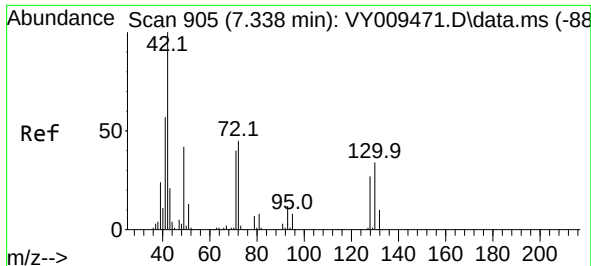
Ion Ratio Lower Upper

49 100

129 2.8 0.0 2.2#

130 83.8 55.4 83.0#





#29

Tetrahydrofuran

Concen: 98.486 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBSD01

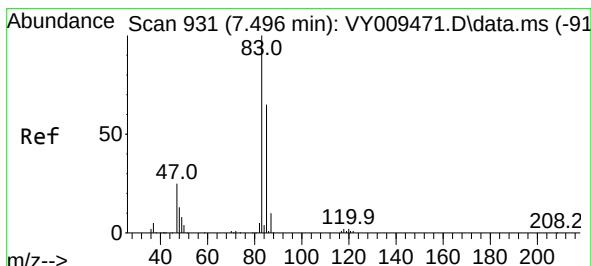
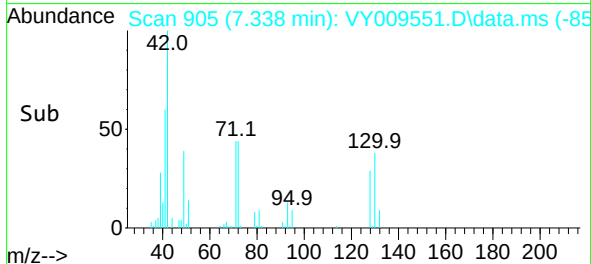
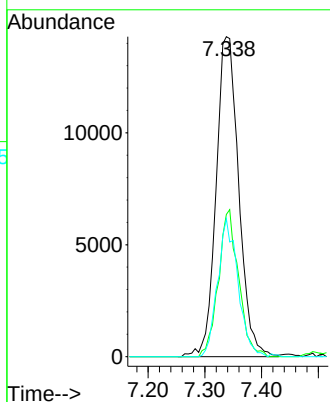
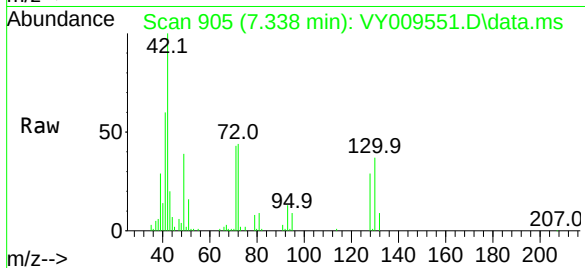
Tgt Ion: 42 Resp: 39641

Ion Ratio Lower Upper

42 100

72 41.1 30.3 45.5

71 38.7 29.0 43.4



#30

Chloroform

Concen: 19.012 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009551.D

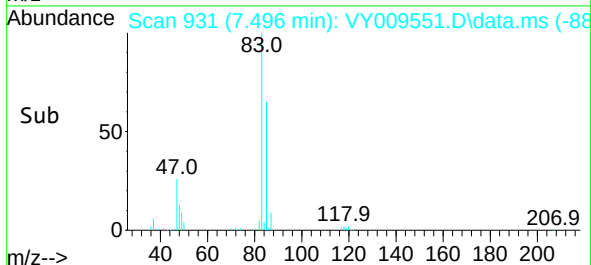
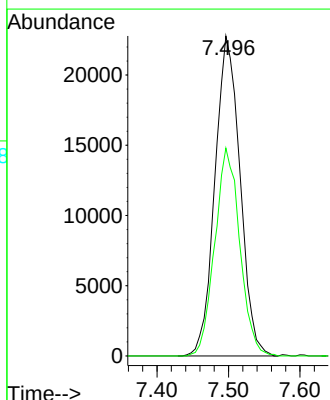
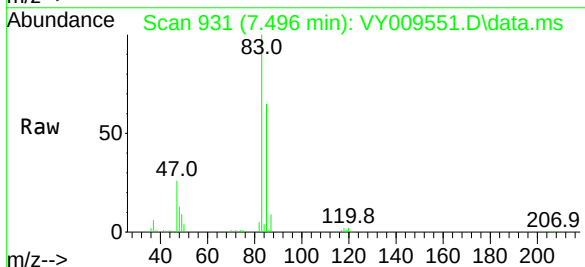
Acq: 13 Jul 2022 11:11

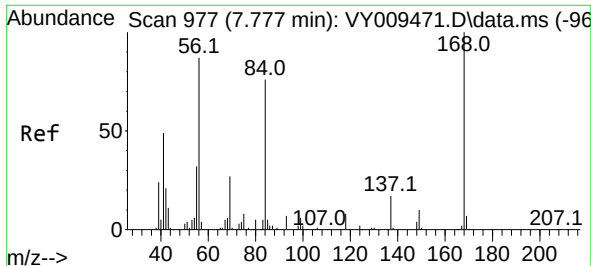
Tgt Ion: 83 Resp: 55524

Ion Ratio Lower Upper

83 100

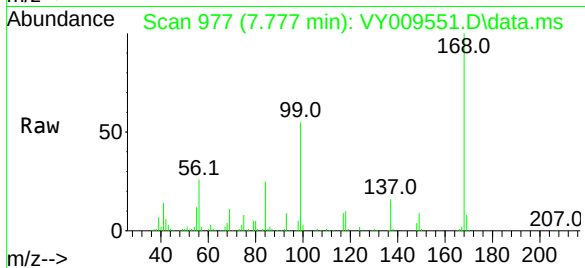
85 65.0 51.8 77.6



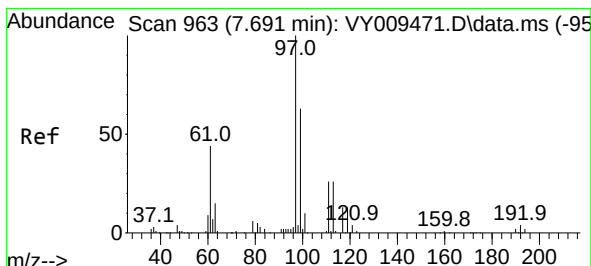
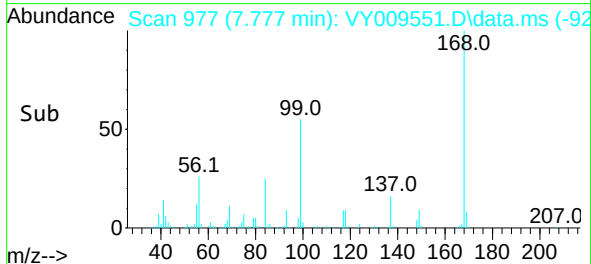
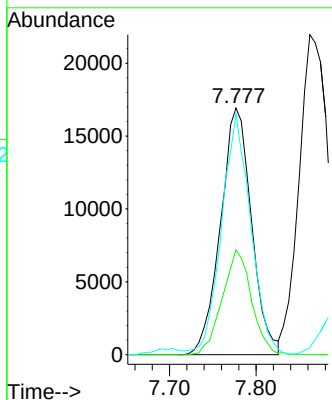


#31
Cyclohexane
Concen: 16.244 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

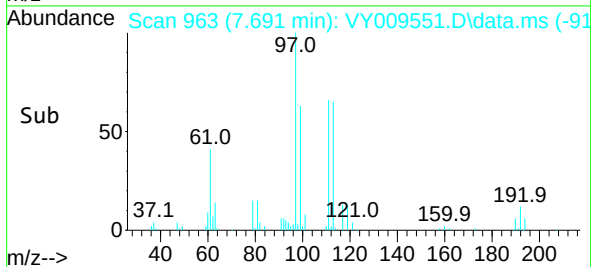
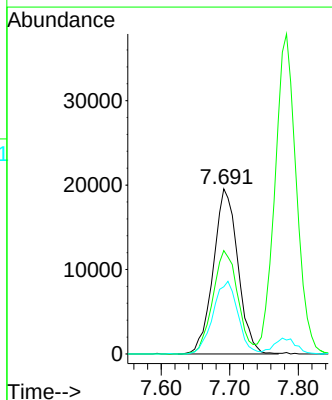
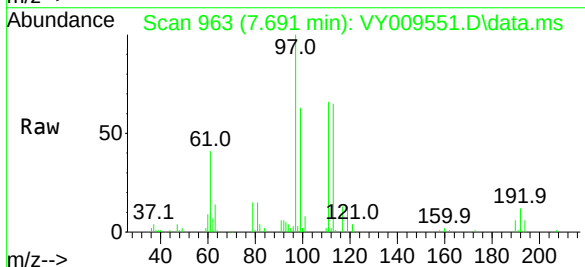


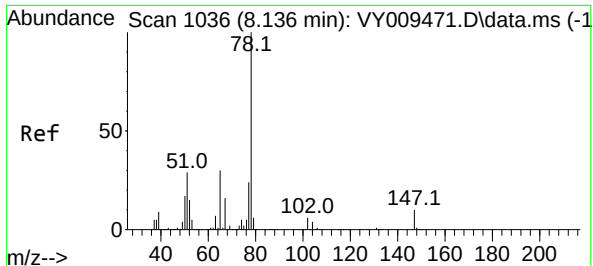
Tgt Ion: 56 Resp: 42143
Ion Ratio Lower Upper
56 100
69 42.5 26.7 40.1#
84 95.7 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 18.871 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion: 97 Resp: 48590
Ion Ratio Lower Upper
97 100
99 63.5 50.7 76.1
61 44.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.671 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

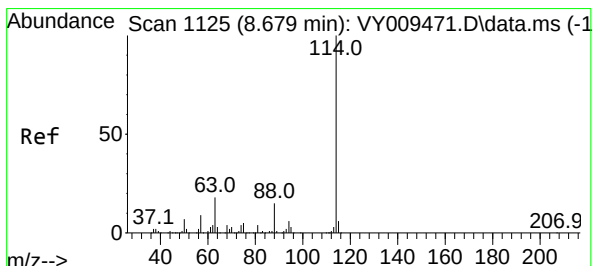
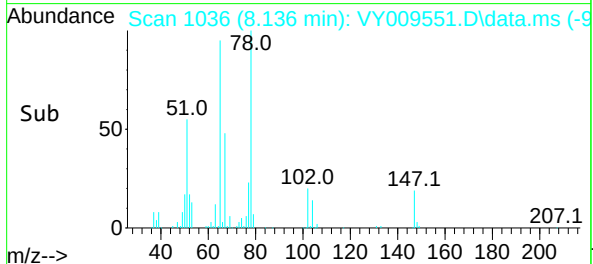
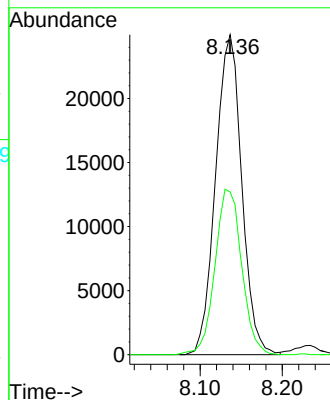
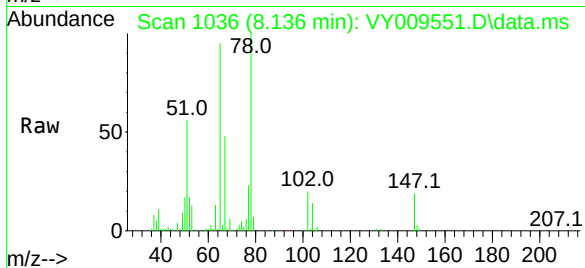
VY0713SBS01

Tgt Ion: 65 Resp: 55378

Ion Ratio Lower Upper

65 100

67 52.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

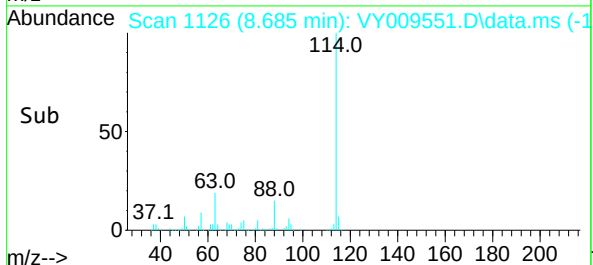
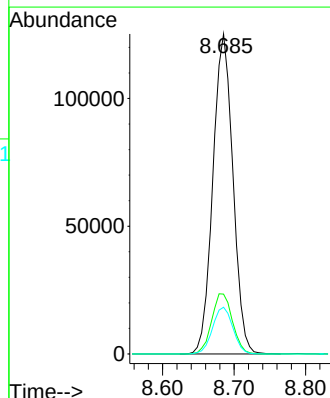
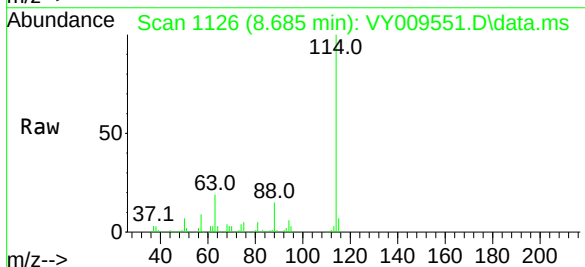
Tgt Ion: 114 Resp: 243689

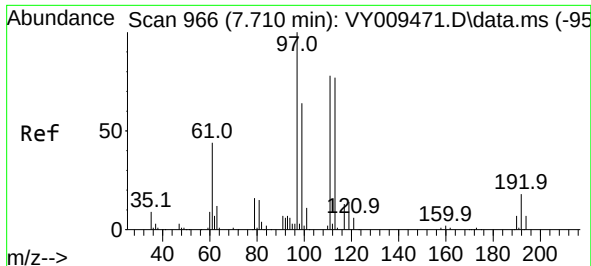
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 14.6 0.0 31.8

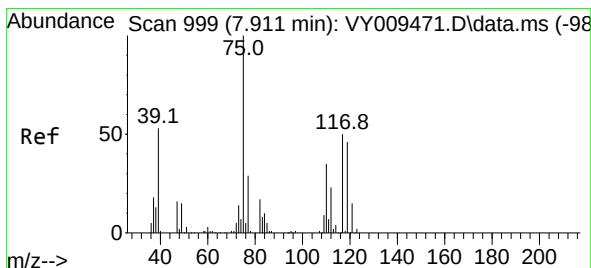
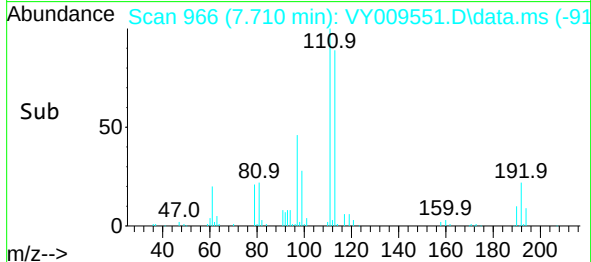
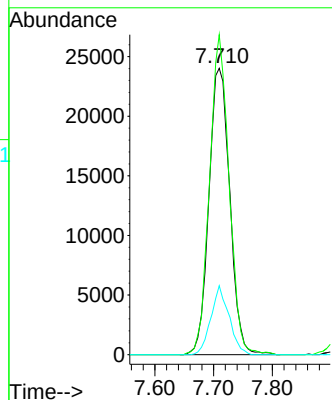
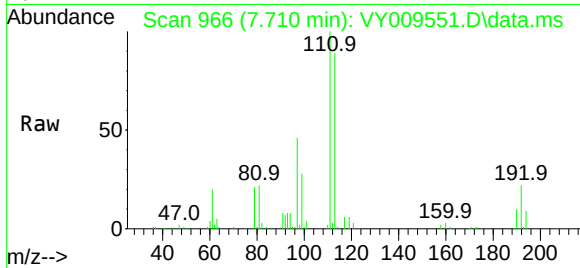




#35
Dibromofluoromethane
Concen: 46.256 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

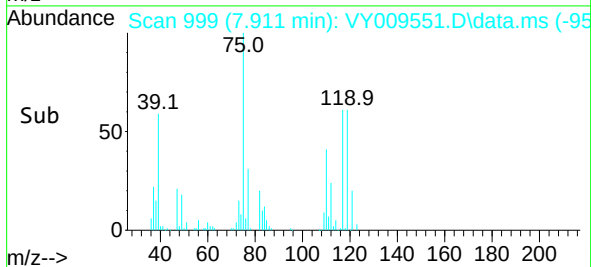
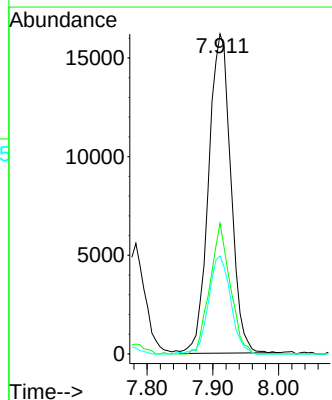
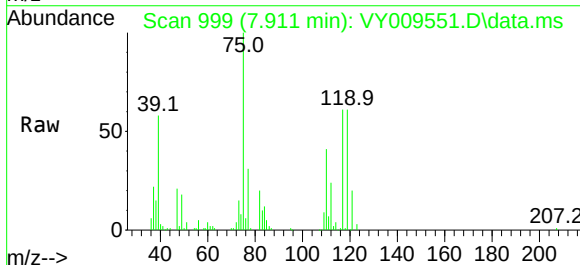
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

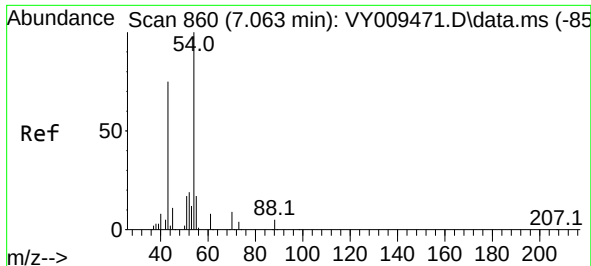
Tgt Ion:113 Resp: 59310
Ion Ratio Lower Upper
113 100
111 105.0 82.6 124.0
192 21.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 18.250 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion: 75 Resp: 38096
Ion Ratio Lower Upper
75 100
110 37.5 17.1 51.2
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 20.548 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.007 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBSD01

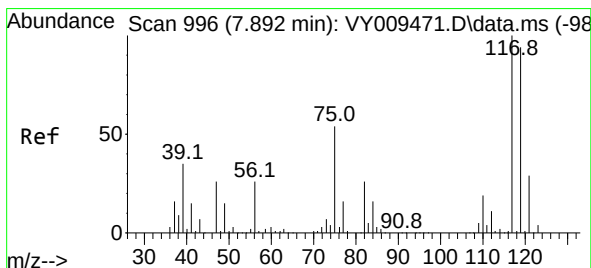
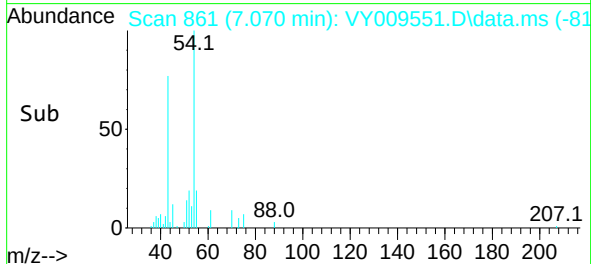
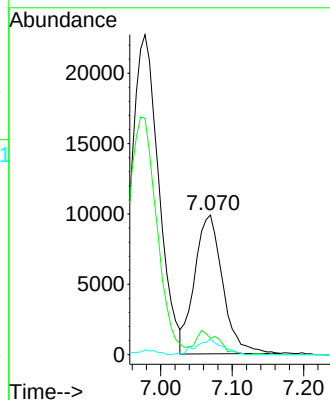
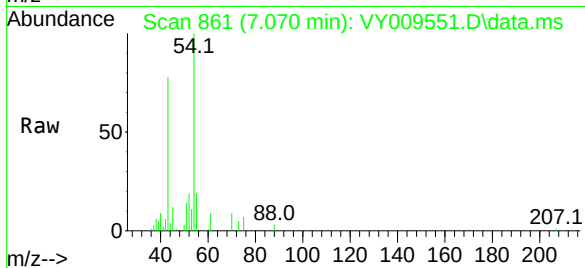
Tgt Ion: 43 Resp: 26888

Ion Ratio Lower Upper

43 100

61 14.5 9.7 14.5#

70 10.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 19.549 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.001 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

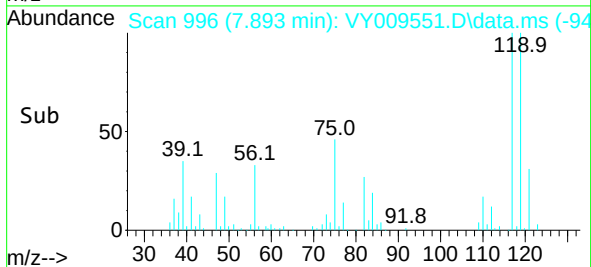
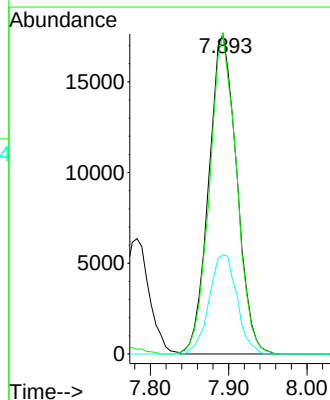
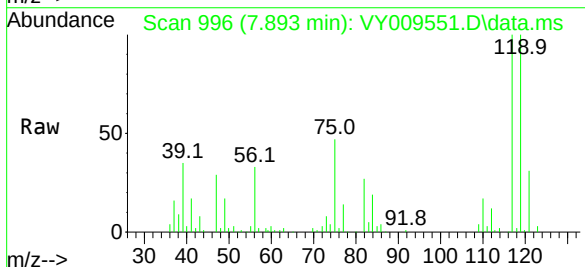
Tgt Ion: 117 Resp: 43643

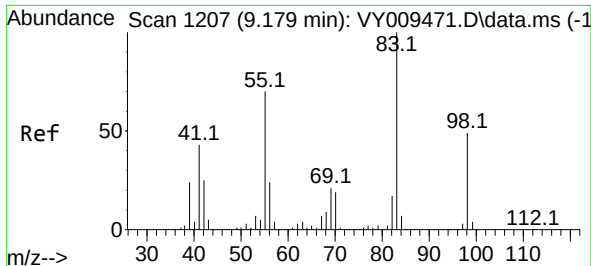
Ion Ratio Lower Upper

117 100

119 99.9 77.9 116.9

121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 17.374 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

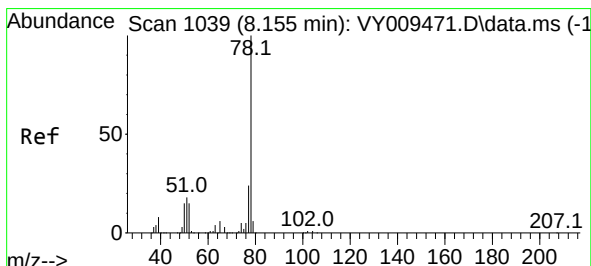
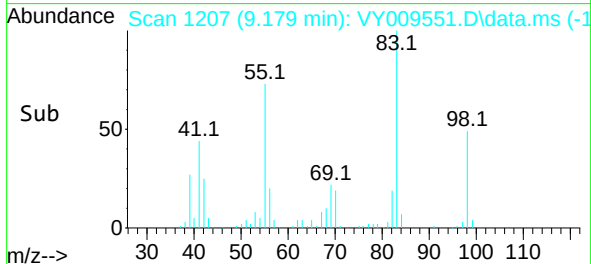
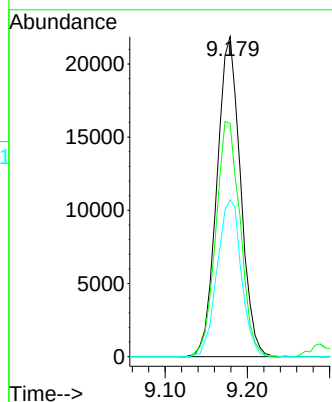
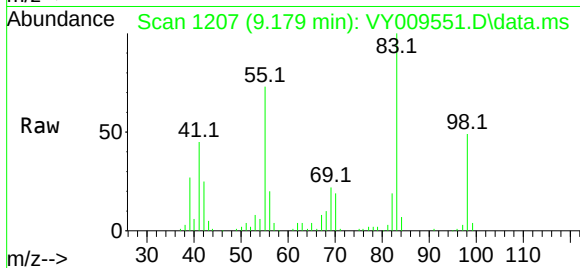
Tgt Ion: 83 Resp: 43536

Ion Ratio Lower Upper

83 100

55 72.9 66.5 99.7

98 49.0 37.9 56.9



#40

Benzene

Concen: 18.624 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009551.D

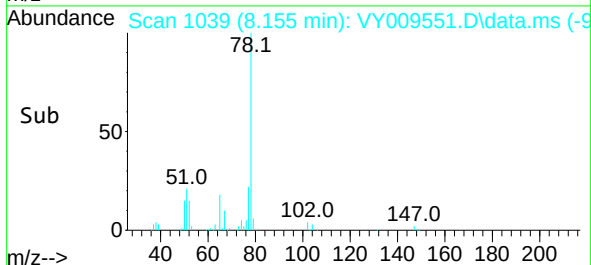
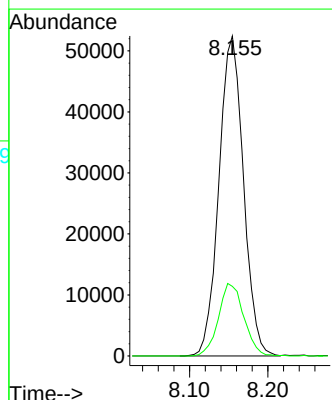
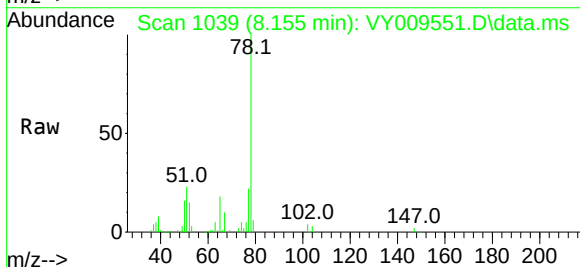
Acq: 13 Jul 2022 11:11

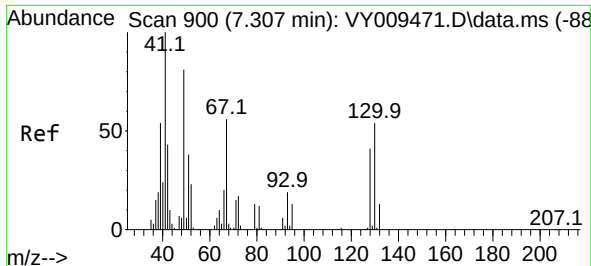
Tgt Ion: 78 Resp: 114161

Ion Ratio Lower Upper

78 100

77 21.8 20.4 30.6

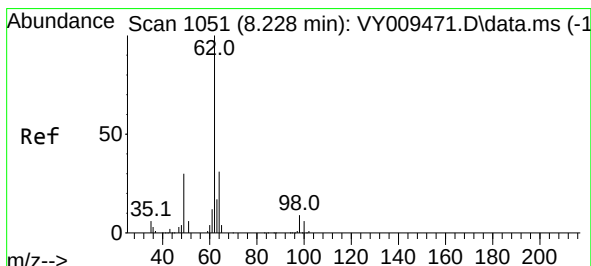
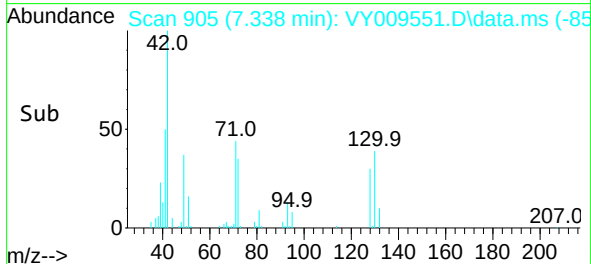
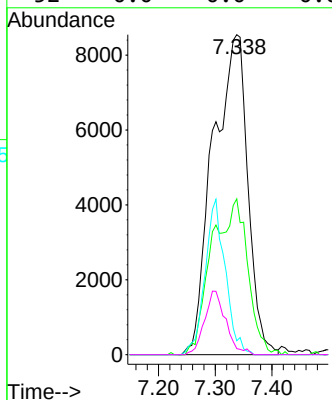
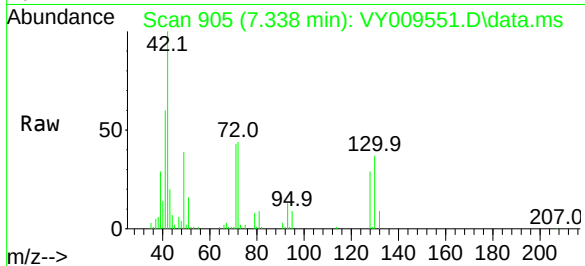




#41
Methacrylonitrile
Concen: 53.459 ug/l
RT: 7.338 min Scan# 900
Delta R.T. 0.031 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

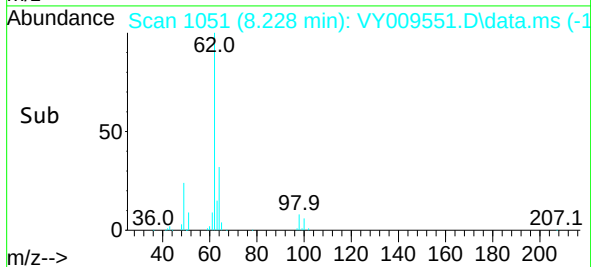
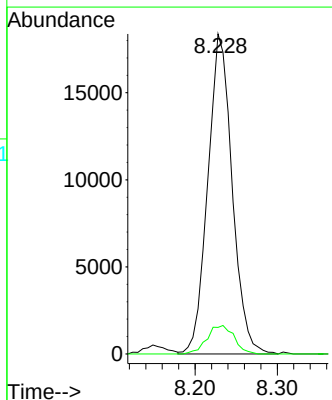
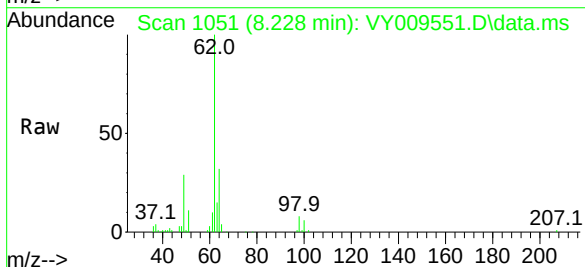
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

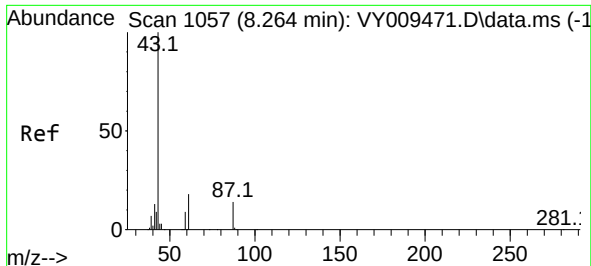
Tgt Ion: 41 Resp: 36323
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.562 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion: 62 Resp: 37841
Ion Ratio Lower Upper
62 100
98 9.9 0.0 14.8

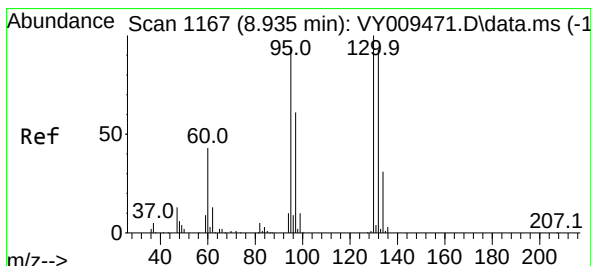
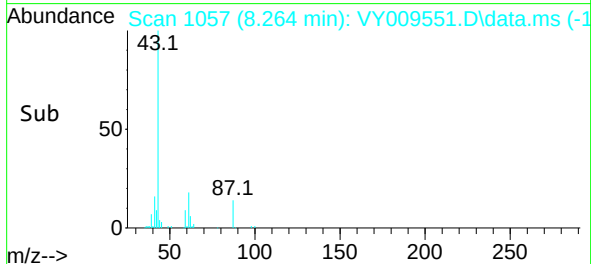
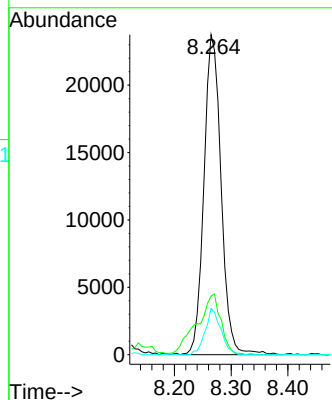
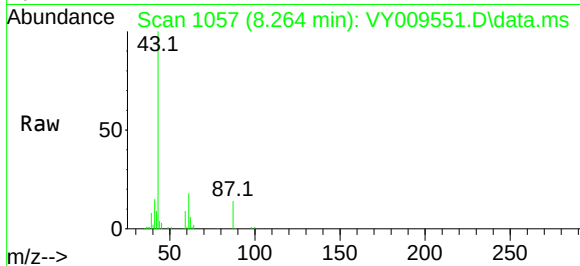




#43
Isopropyl Acetate
Concen: 20.459 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

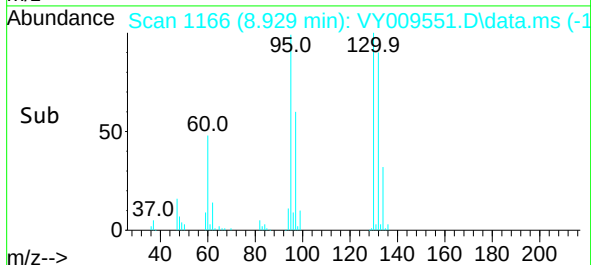
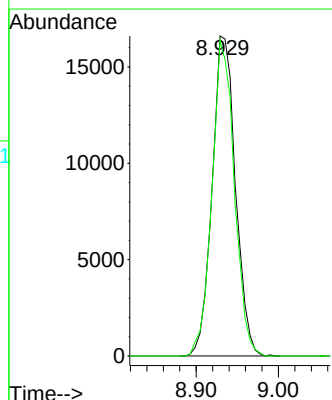
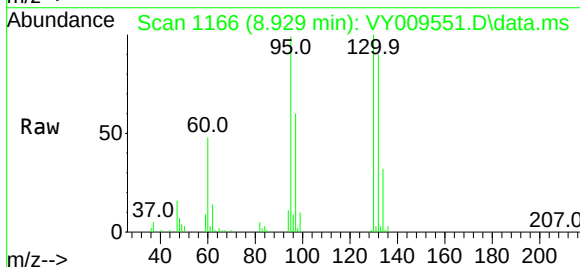
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

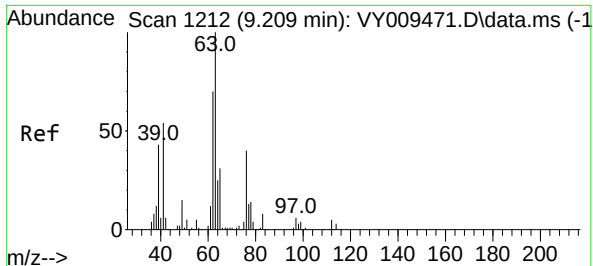
Tgt Ion: 43 Resp: 49951
Ion Ratio Lower Upper
43 100
61 26.6 20.2 30.2
87 13.1 8.9 13.3



#44
Trichloroethene
Concen: 18.905 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion:130 Resp: 32737
Ion Ratio Lower Upper
130 100
95 98.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 19.535 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

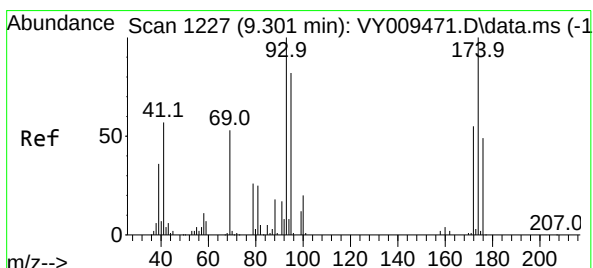
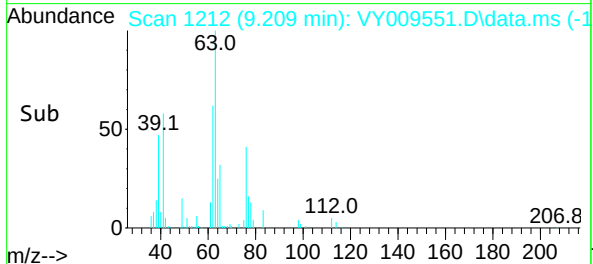
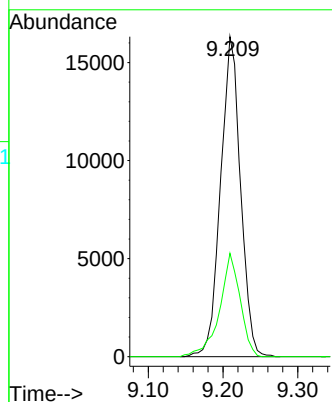
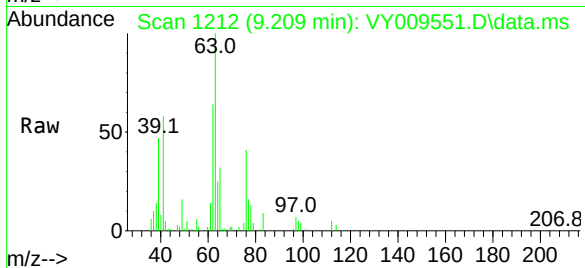
VY0713SBSD01

Tgt Ion: 63 Resp: 30304

Ion Ratio Lower Upper

63 100

65 32.3 23.0 34.6



#46

Dibromomethane

Concen: 18.960 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

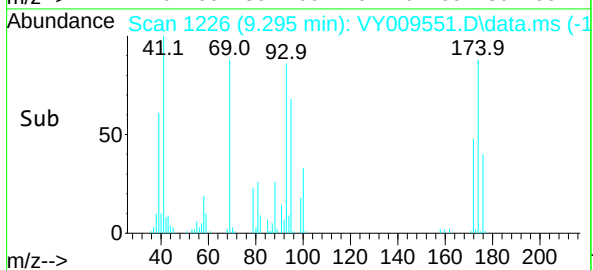
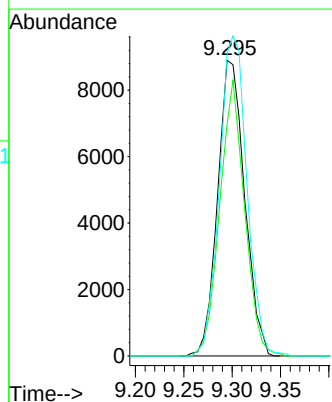
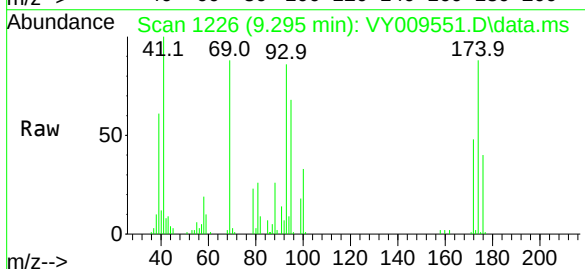
Tgt Ion: 93 Resp: 17263

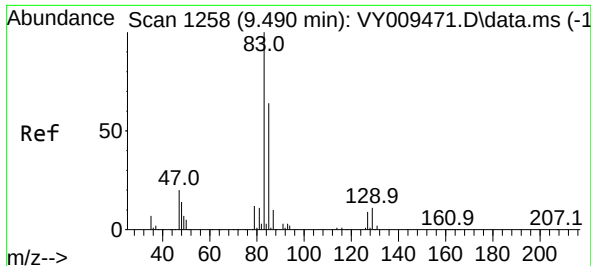
Ion Ratio Lower Upper

93 100

95 85.5 64.3 96.5

174 110.1 83.4 125.0

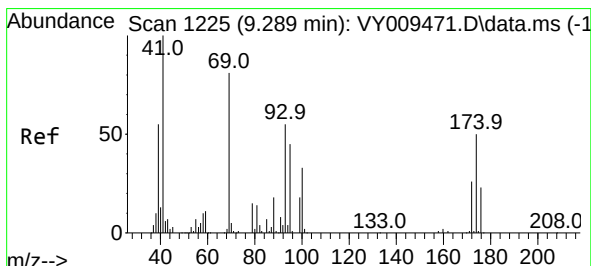
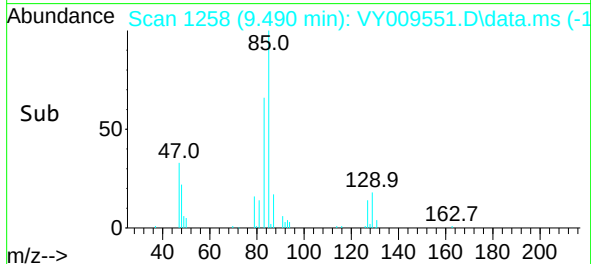
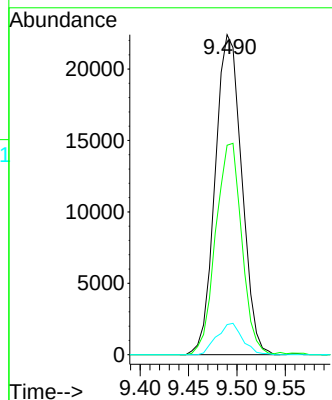
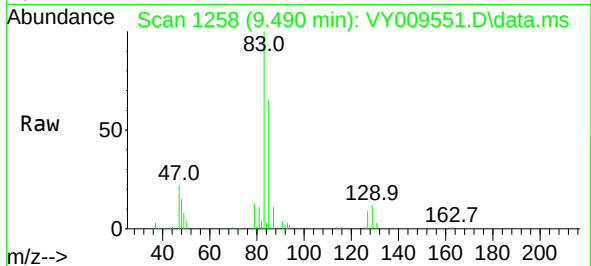




#47
Bromodichloromethane
Concen: 19.753 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

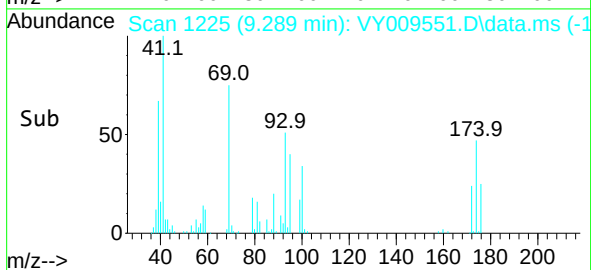
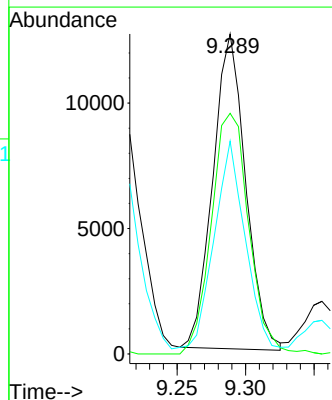
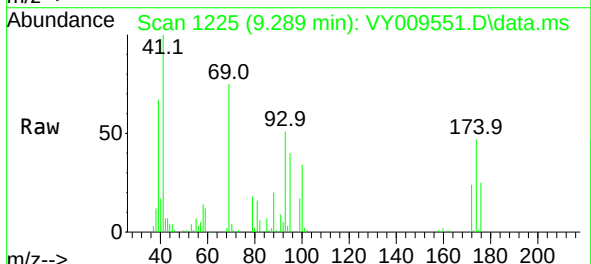
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

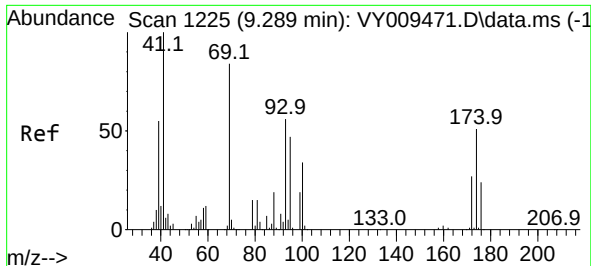
Tgt Ion: 83 Resp: 42807
Ion Ratio Lower Upper
83 100
85 65.4 51.9 77.9
127 9.4 6.6 10.0



#48
Methyl methacrylate
Concen: 19.858 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion: 41 Resp: 20889
Ion Ratio Lower Upper
41 100
69 87.4 58.2 87.2#
39 65.8 47.4 71.0





#49

1,4-Dioxane

Concen: 414.066 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

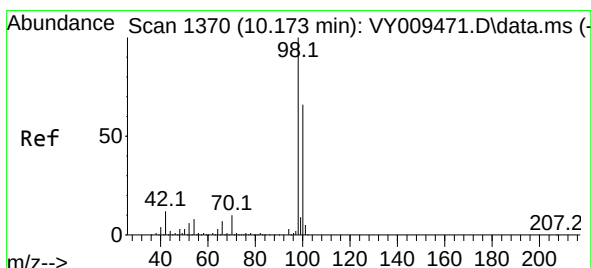
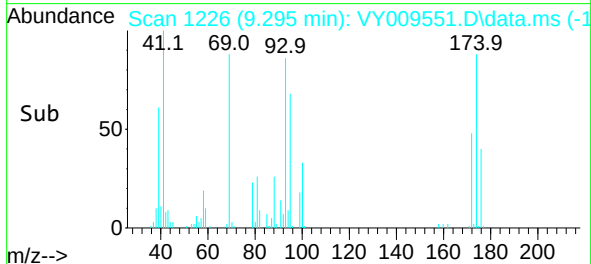
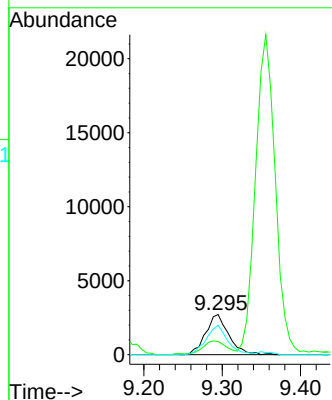
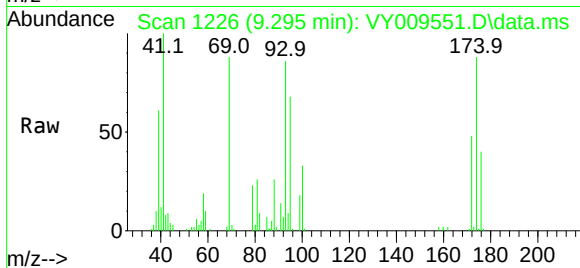
Tgt Ion: 88 Resp: 5552

Ion Ratio Lower Upper

88 100

43 37.2 32.8 49.2

58 67.8 59.8 89.6



#50

Toluene-d8

Concen: 48.557 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009551.D

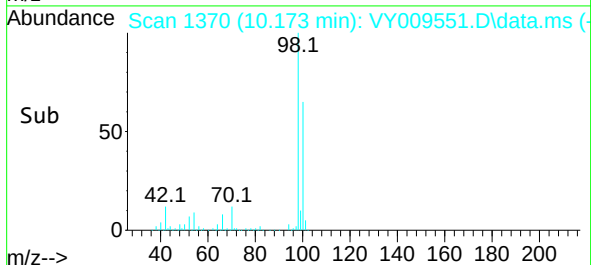
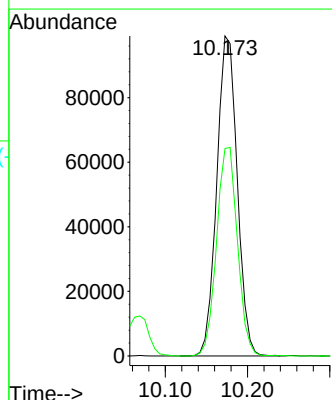
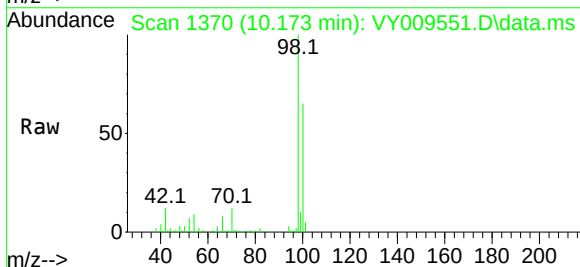
Acq: 13 Jul 2022 11:11

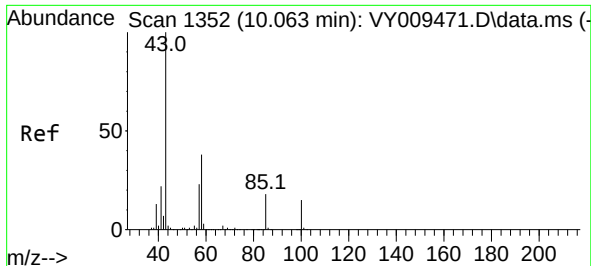
Tgt Ion: 98 Resp: 171528

Ion Ratio Lower Upper

98 100

100 66.6 50.2 75.2

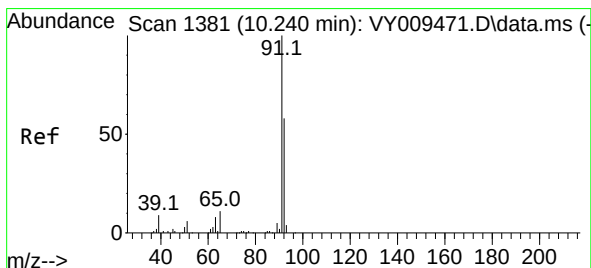
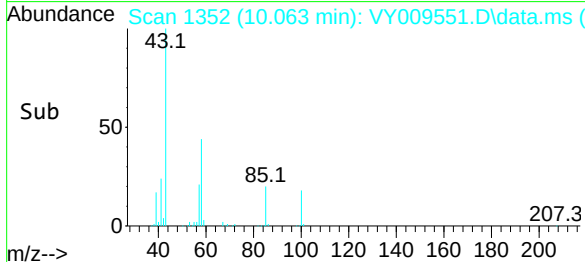
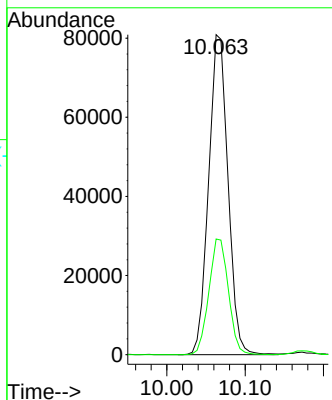
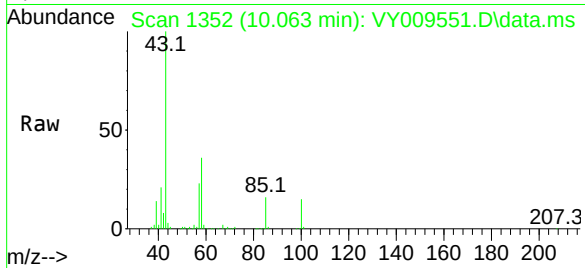




#51
4-Methyl-2-Pentanone
Concen: 108.059 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

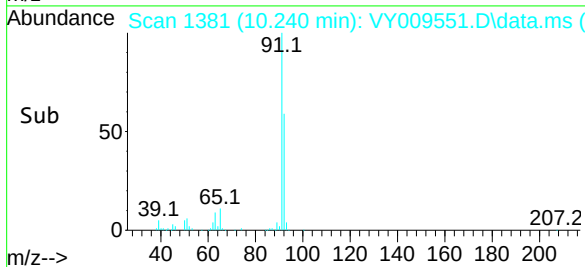
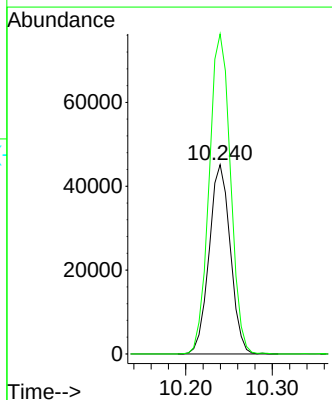
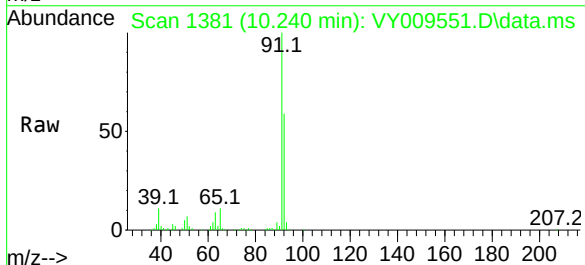
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

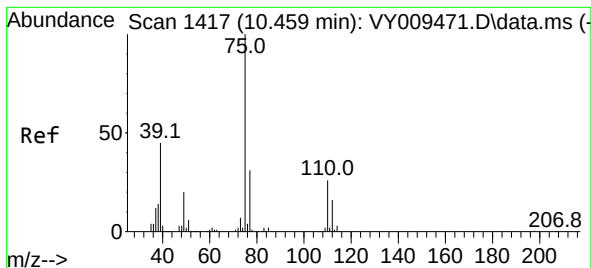
Tgt Ion: 43 Resp: 138744
Ion Ratio Lower Upper
43 100
58 36.5 28.1 42.1



#52
Toluene
Concen: 19.599 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion: 92 Resp: 76555
Ion Ratio Lower Upper
92 100
91 170.4 142.6 213.8

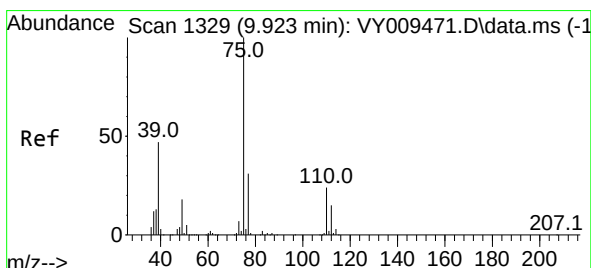
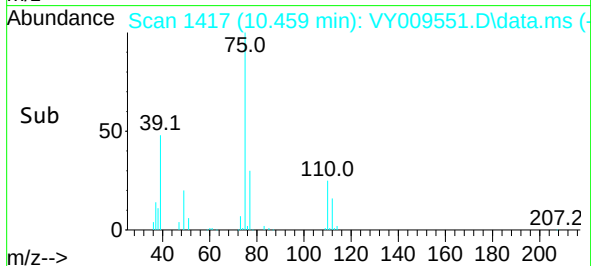
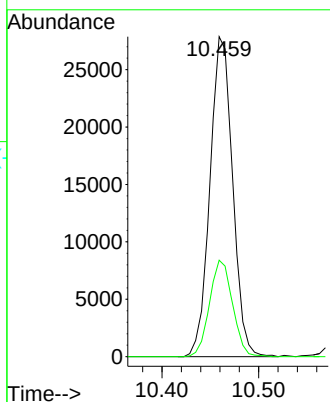
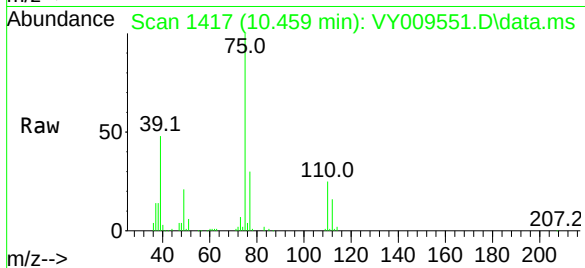




#53
 t-1,3-Dichloropropene
 Concen: 19.871 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY009551.D
 Acq: 13 Jul 2022 11:11

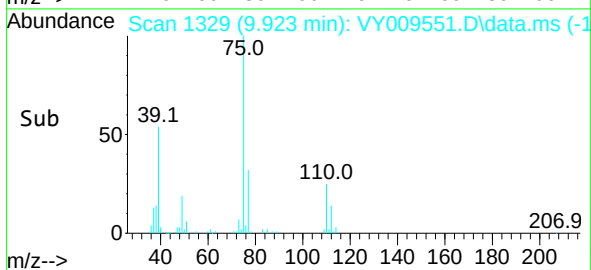
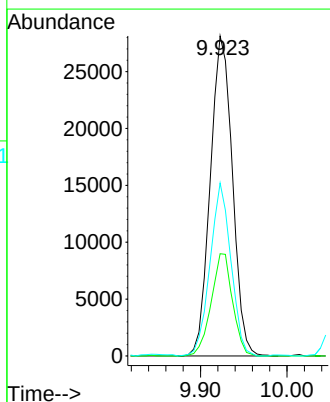
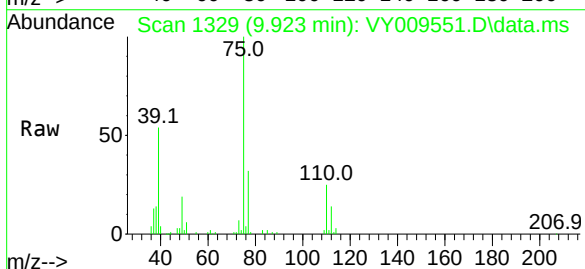
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBSD01

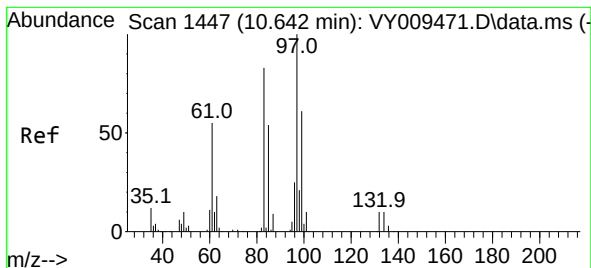
Tgt Ion: 75 Resp: 45380
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.626 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY009551.D
 Acq: 13 Jul 2022 11:11

Tgt Ion: 75 Resp: 49977
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.6 38.4
 39 54.1 47.6 71.4





#55

1,1,2-Trichloroethane

Concen: 19.967 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tgt Ion: 97 Resp: 26227

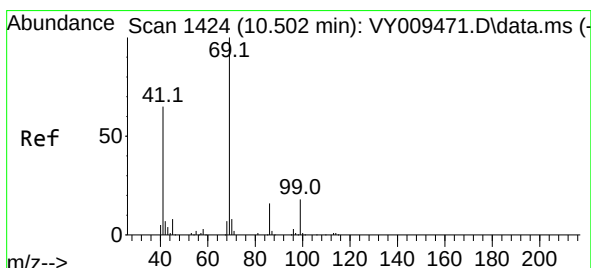
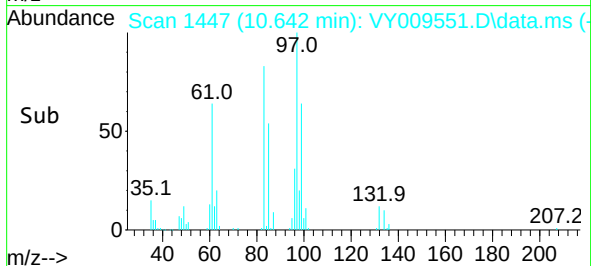
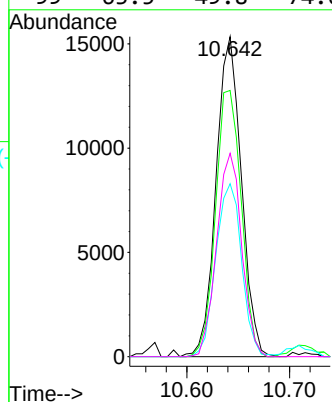
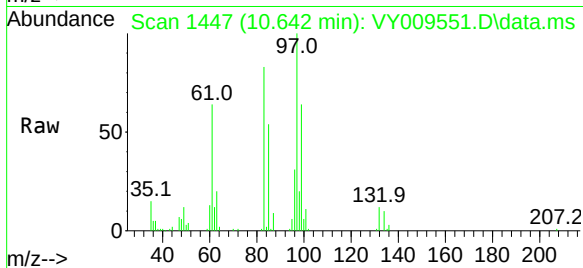
Ion Ratio Lower Upper

97 100

83 83.2 69.8 104.8

85 54.0 44.3 66.5

99 63.5 49.8 74.6



#56

Ethyl methacrylate

Concen: 19.883 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

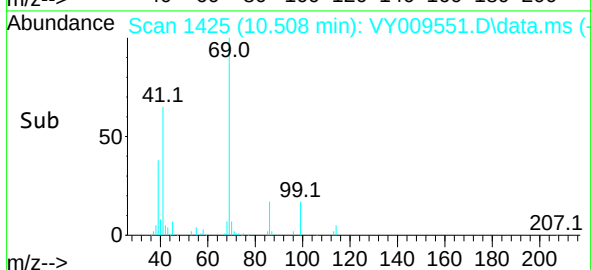
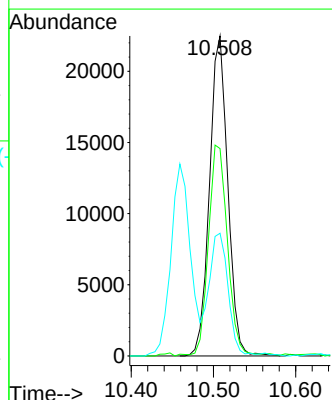
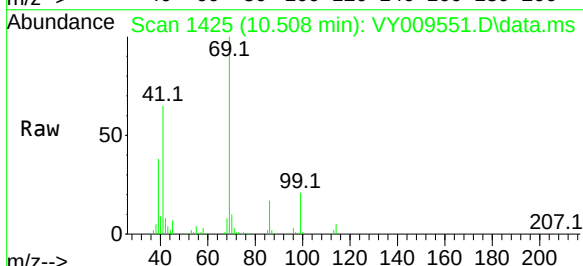
Tgt Ion: 69 Resp: 34673

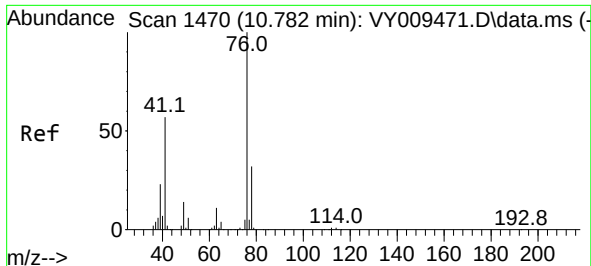
Ion Ratio Lower Upper

69 100

41 67.0 63.4 95.0

39 39.3 35.8 53.8





#57

1,3-Dichloropropane

Concen: 19.880 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

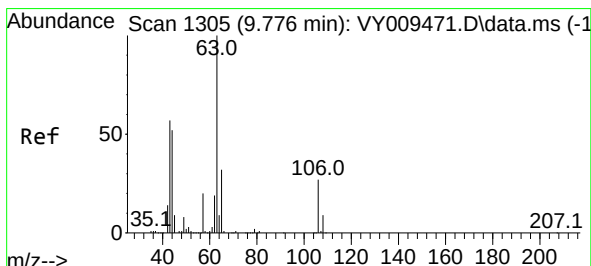
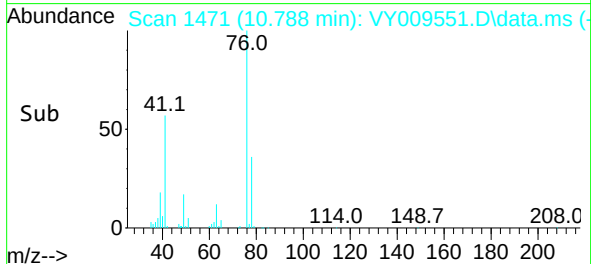
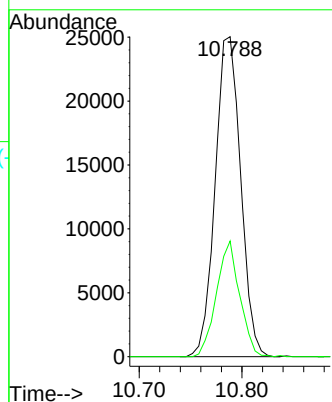
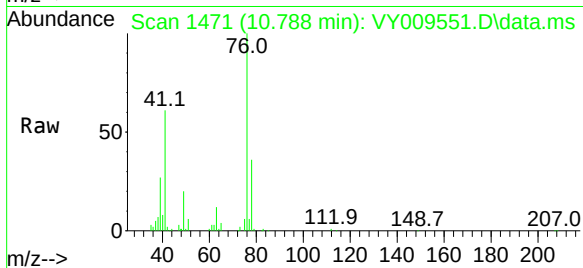
VY0713SBS01

Tgt Ion: 76 Resp: 43047

Ion Ratio Lower Upper

76 100

78 33.0 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 97.819 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009551.D

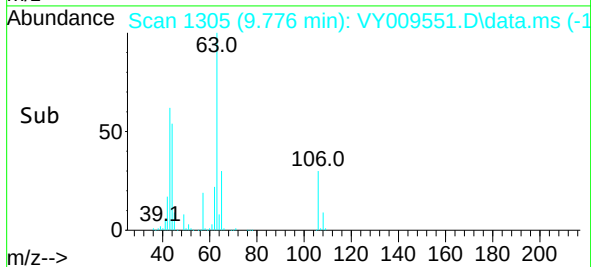
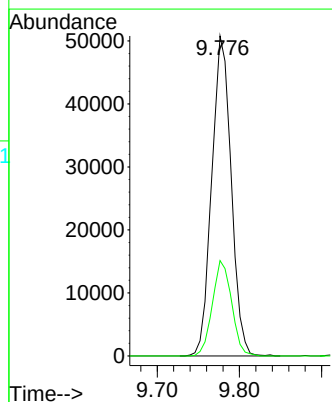
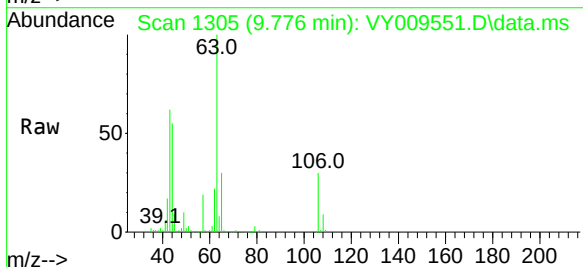
Acq: 13 Jul 2022 11:11

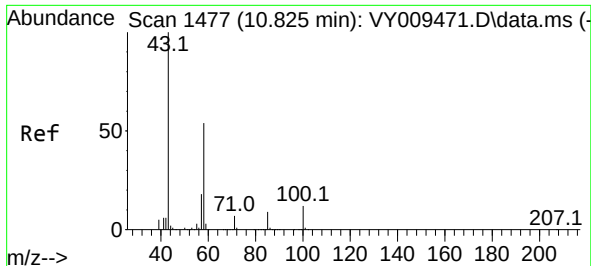
Tgt Ion: 63 Resp: 83331

Ion Ratio Lower Upper

63 100

106 29.5 21.5 32.3

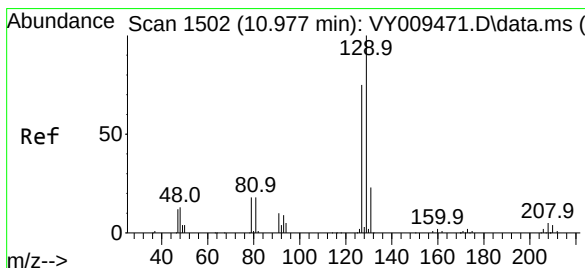
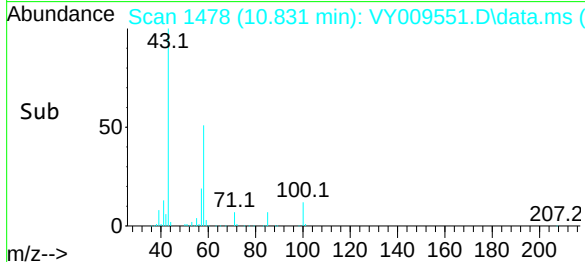
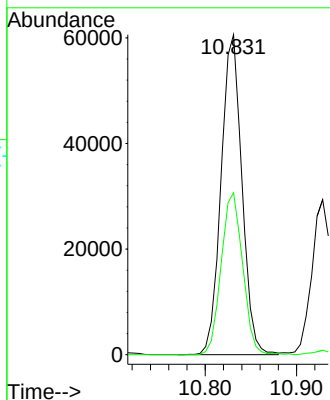
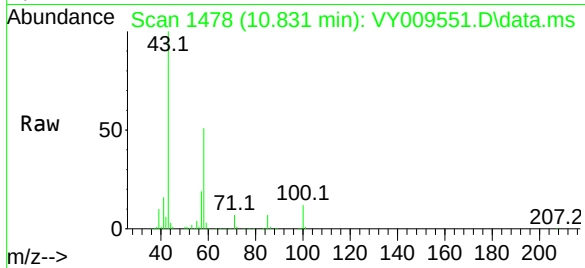




#59
2-Hexanone
Concen: 108.137 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

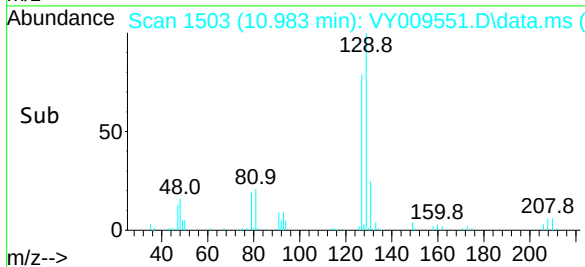
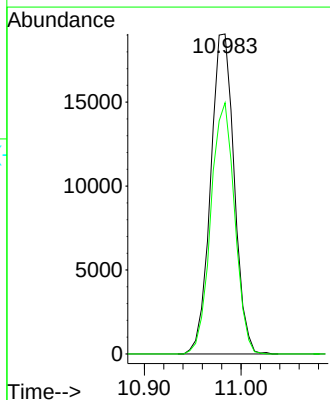
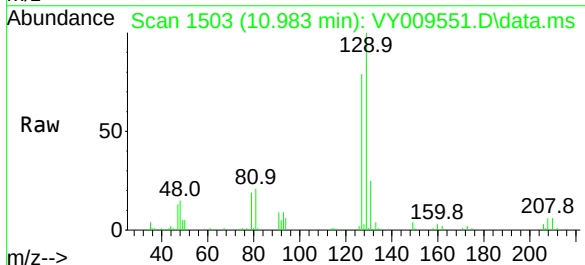
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

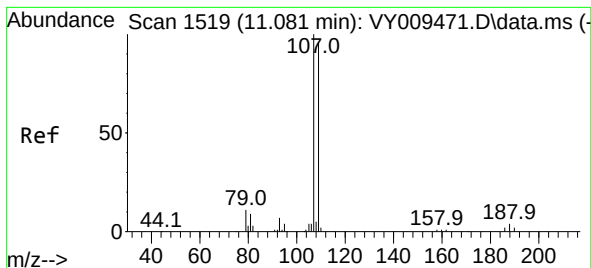
Tgt Ion: 43 Resp: 96209
Ion Ratio Lower Upper
43 100
58 52.0 24.4 73.4



#60
Dibromochloromethane
Concen: 20.297 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion: 129 Resp: 32284
Ion Ratio Lower Upper
129 100
127 79.1 38.7 116.1





#61

1,2-Dibromoethane

Concen: 19.648 ug/l

RT: 11.087 min Scan# 1519

Delta R.T. 0.006 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

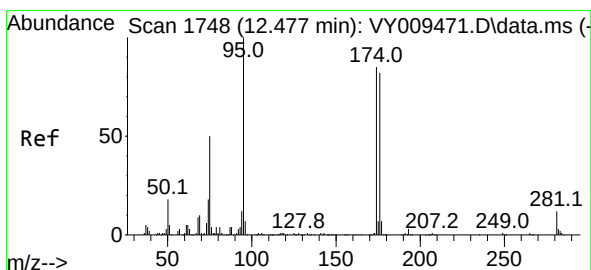
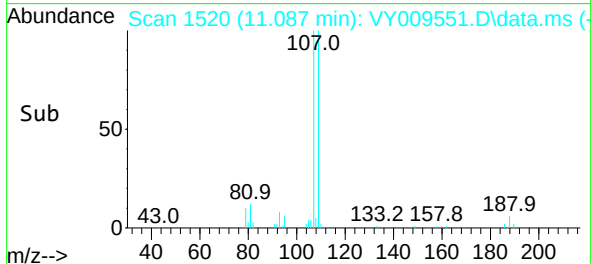
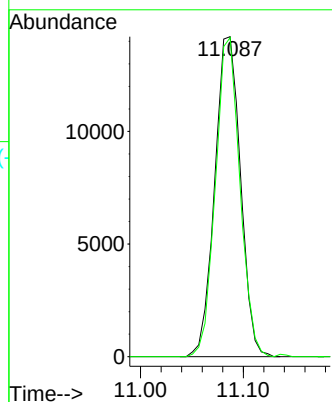
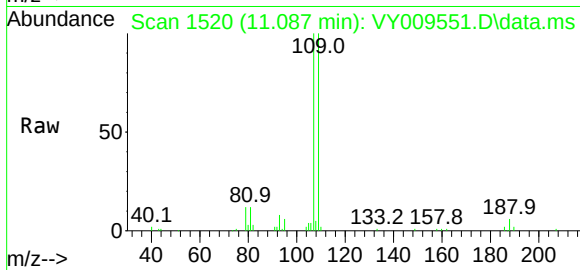
VY0713SBS01

Tgt Ion:107 Resp: 24741

Ion Ratio Lower Upper

107 100

109 94.5 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 51.069 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

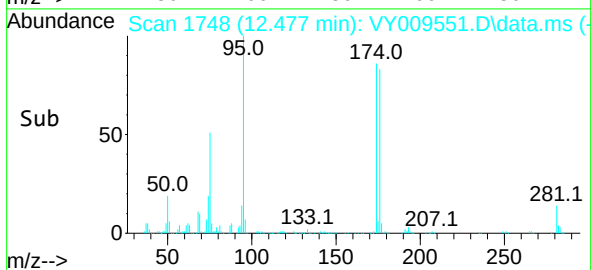
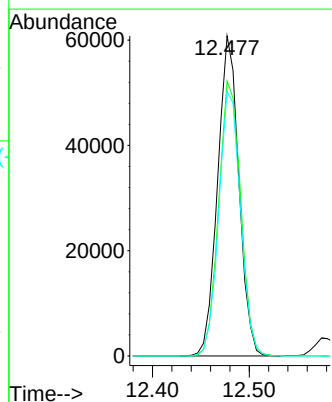
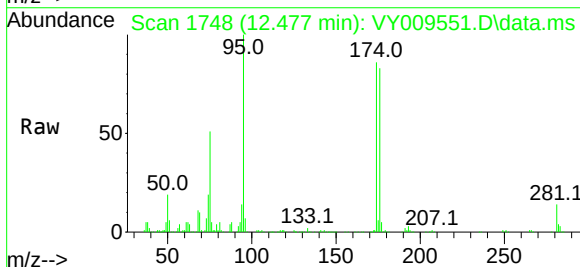
Tgt Ion: 95 Resp: 92432

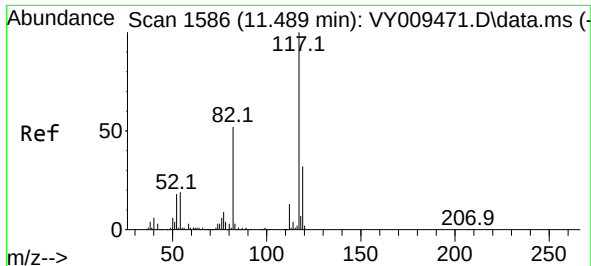
Ion Ratio Lower Upper

95 100

174 89.1 0.0 177.0

176 84.8 0.0 175.8

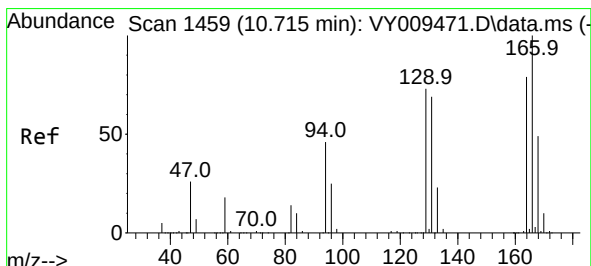
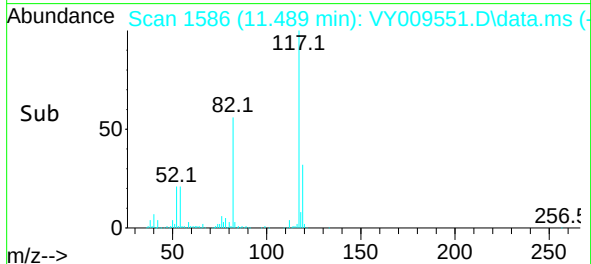
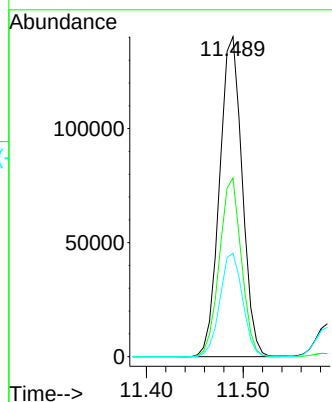
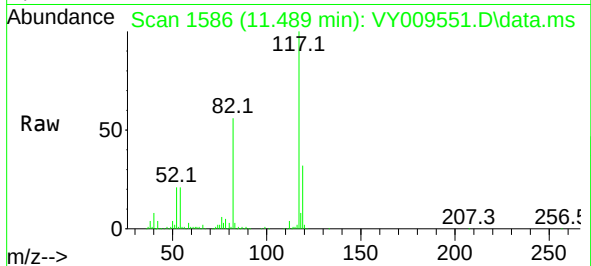




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

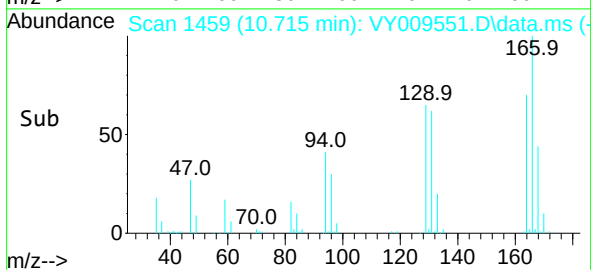
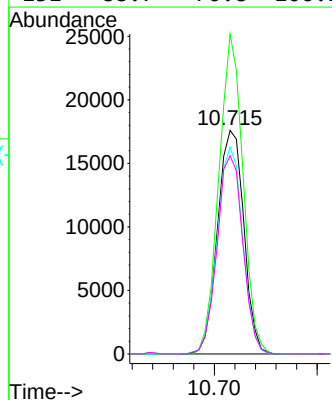
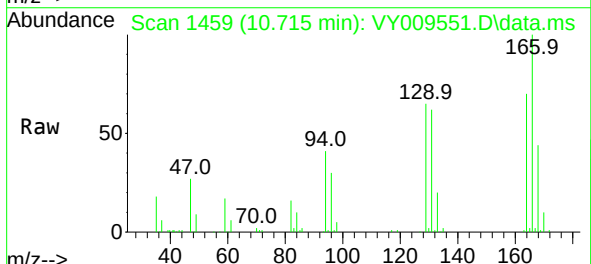
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

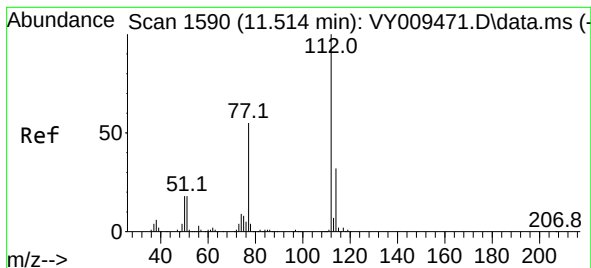
Tgt Ion:117 Resp: 227494
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 16.358 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion:164 Resp: 31114
Ion Ratio Lower Upper
164 100
166 143.2 100.4 150.6
129 92.6 71.4 107.0
131 88.7 70.8 106.2

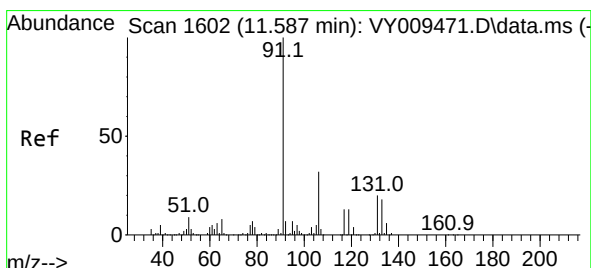
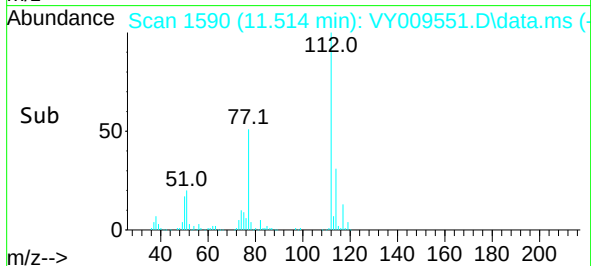
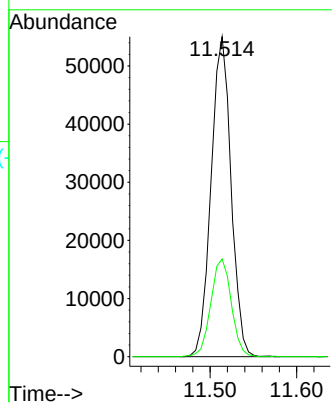
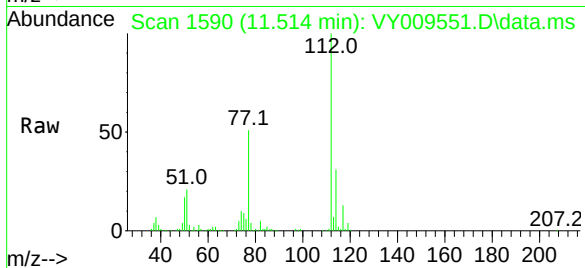




#65
Chlorobenzene
Concen: 19.714 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

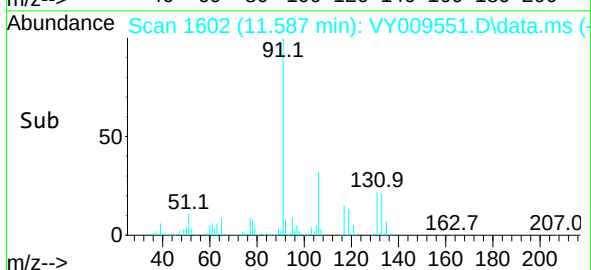
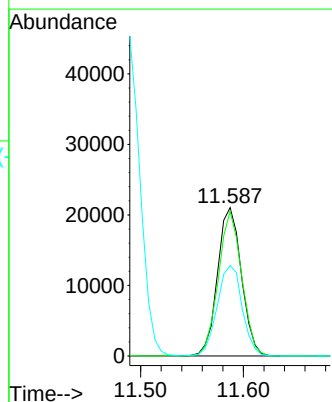
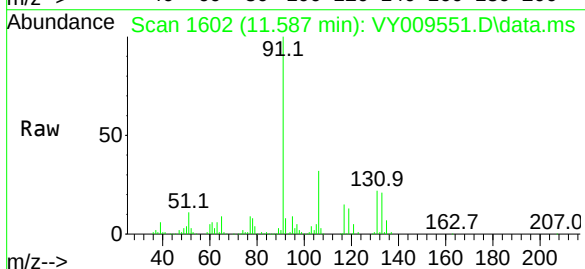
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

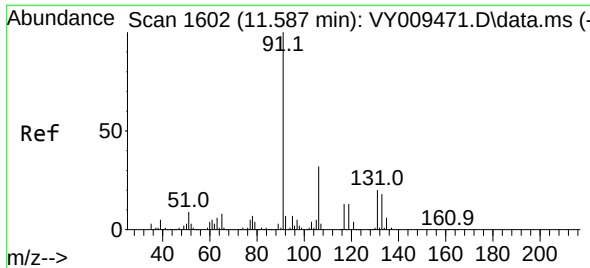
Tgt Ion:112 Resp: 88081
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.164 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion:131 Resp: 33890
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 63.8 30.8 92.3

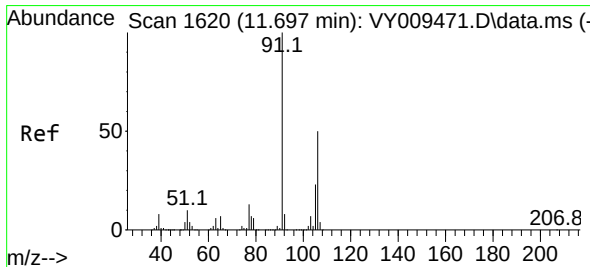
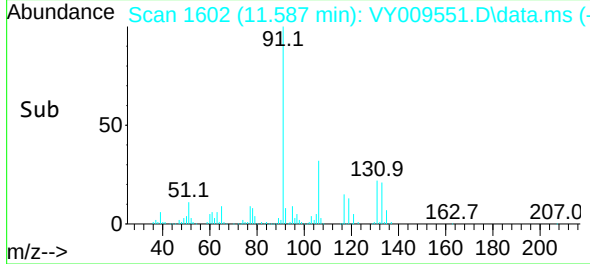
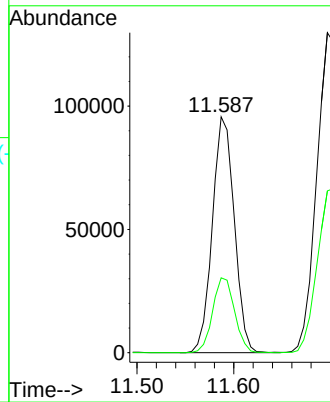
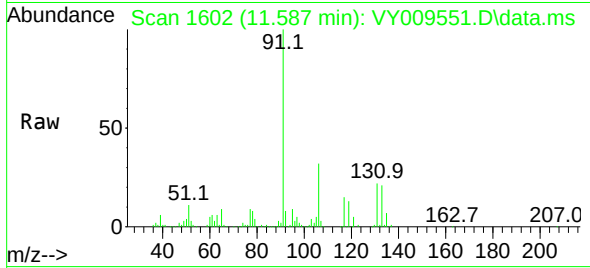




#67
Ethyl Benzene
Concen: 19.311 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

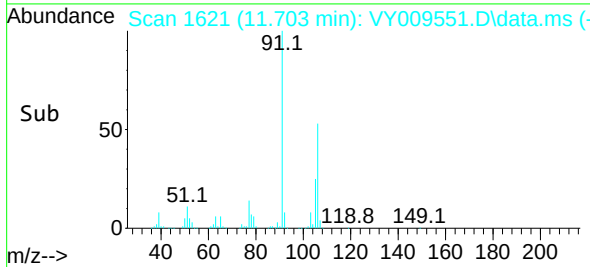
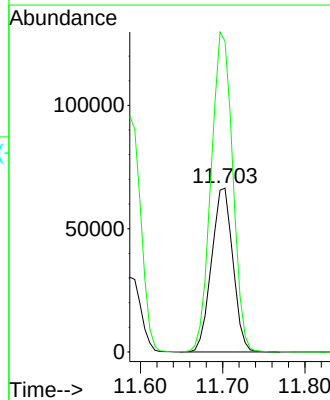
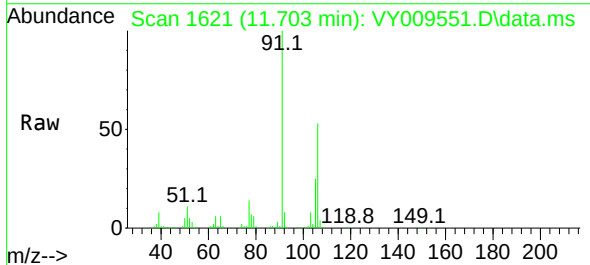
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

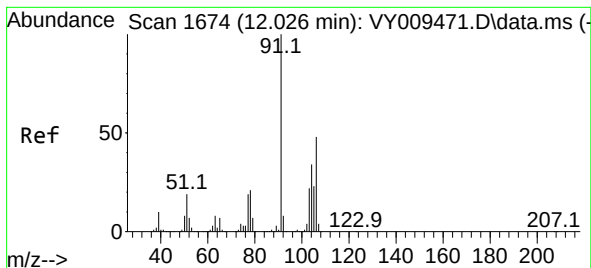
Tgt Ion: 91 Resp: 150630
Ion Ratio Lower Upper
91 100
106 31.8 24.5 36.7



#68
m/p-Xylenes
Concen: 39.487 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion: 106 Resp: 120123
Ion Ratio Lower Upper
106 100
91 197.5 166.6 249.8





#69

o-Xylene

Concen: 19.648 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

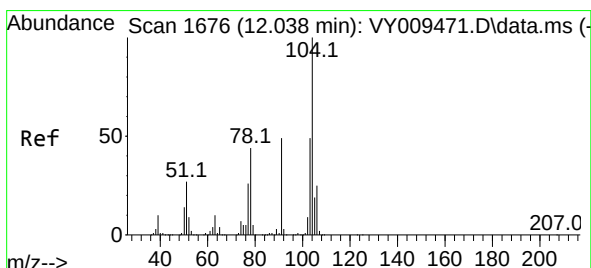
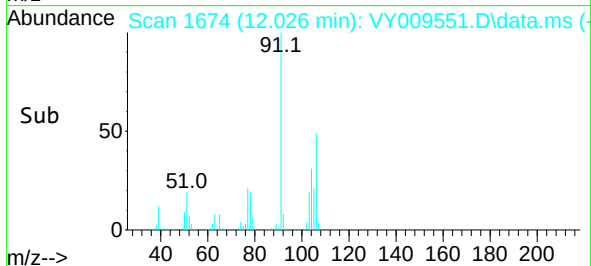
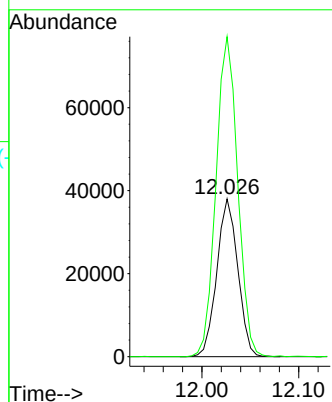
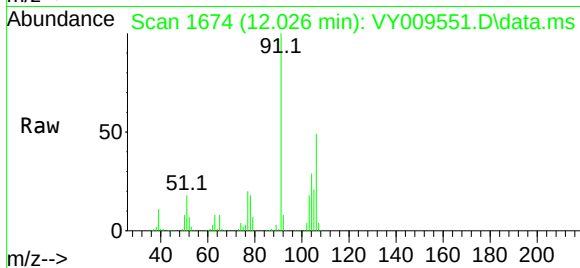
VY0713SBS01

Tgt Ion:106 Resp: 57291

Ion Ratio Lower Upper

106 100

91 209.2 110.3 331.0



#70

Styrene

Concen: 20.230 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

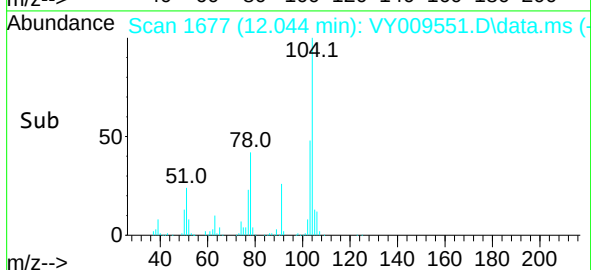
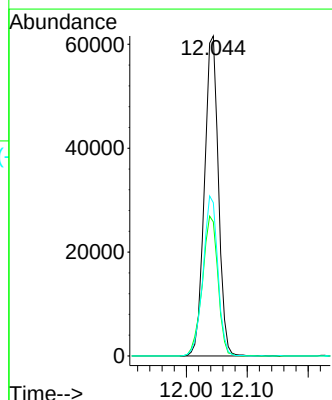
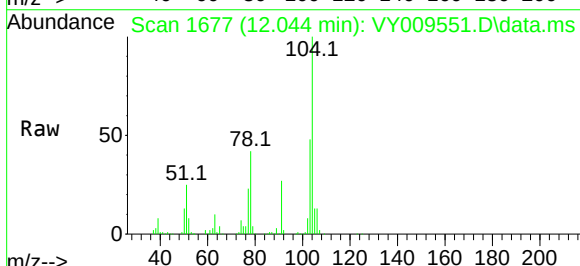
Tgt Ion:104 Resp: 98526

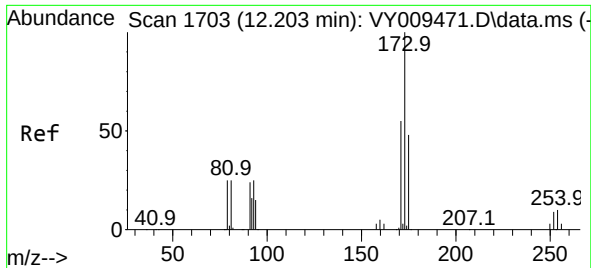
Ion Ratio Lower Upper

104 100

78 48.6 42.4 63.6

103 53.1 44.4 66.6

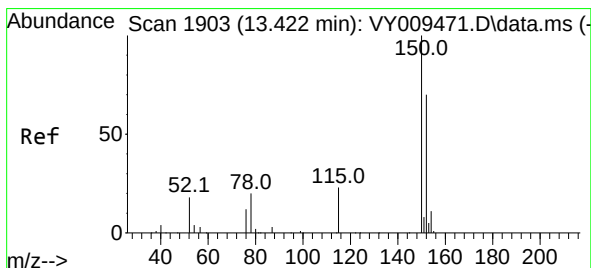
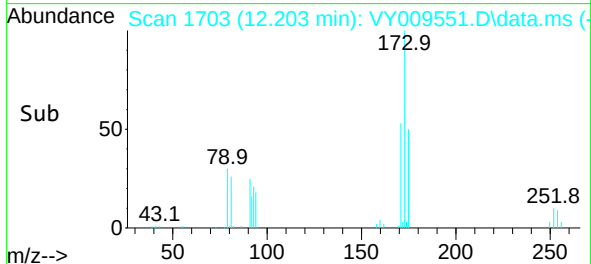
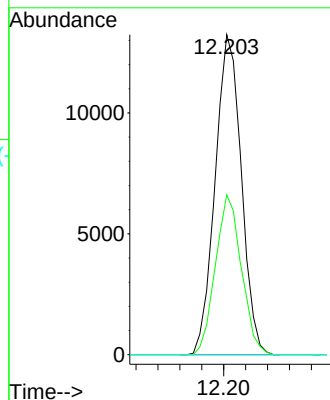
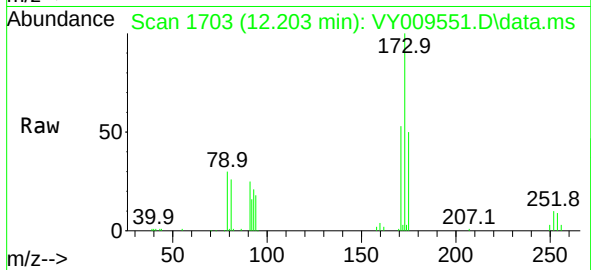




#71
Bromoform
Concen: 20.464 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

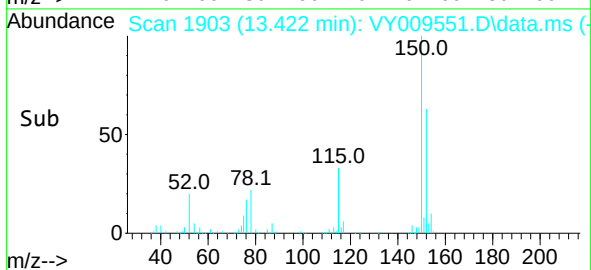
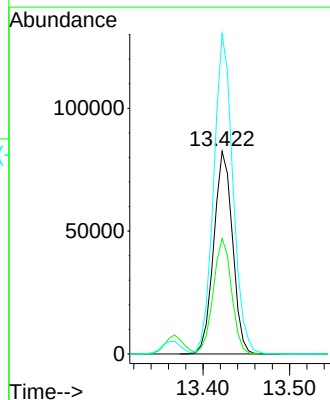
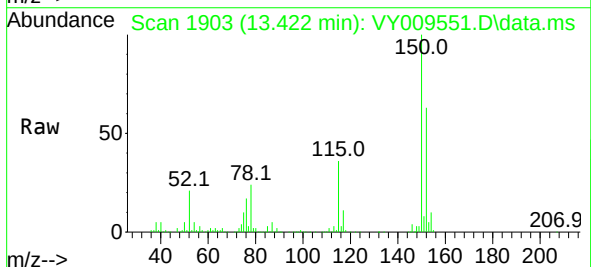
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

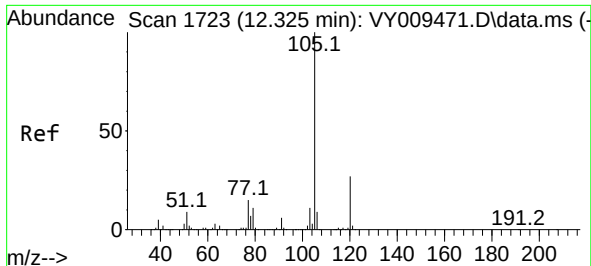
Tgt Ion:173 Resp: 21921
Ion Ratio Lower Upper
173 100
175 49.6 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion:152 Resp: 123955
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 162.1 0.0 347.6

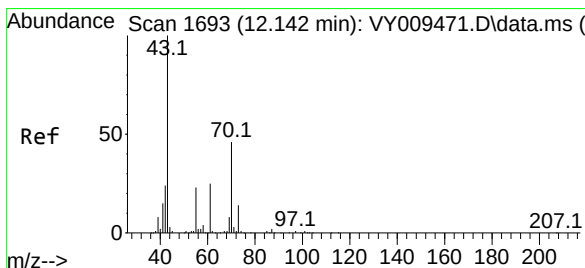
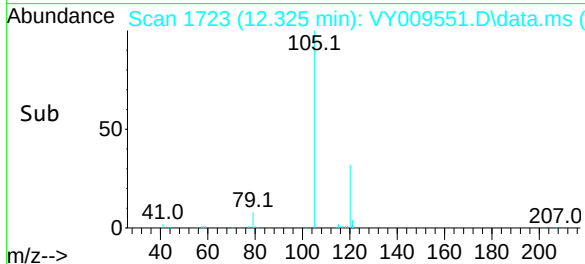
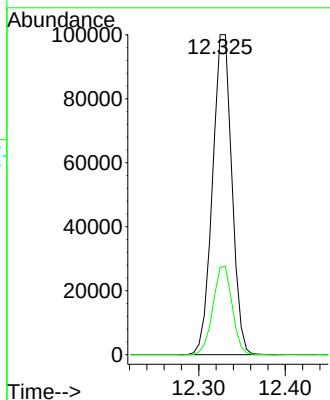
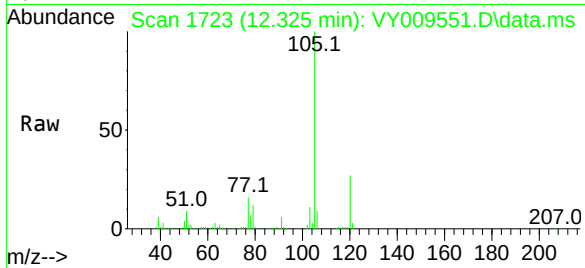




#73
Isopropylbenzene
Concen: 18.306 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

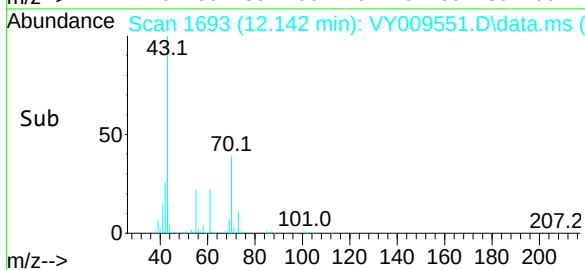
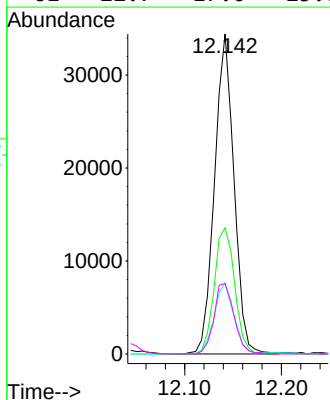
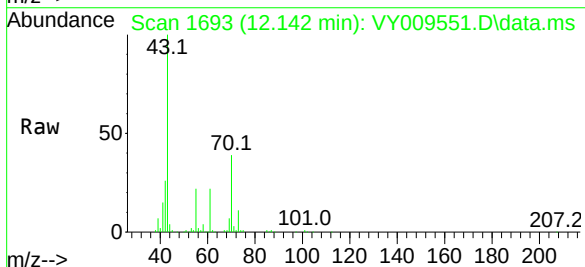
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

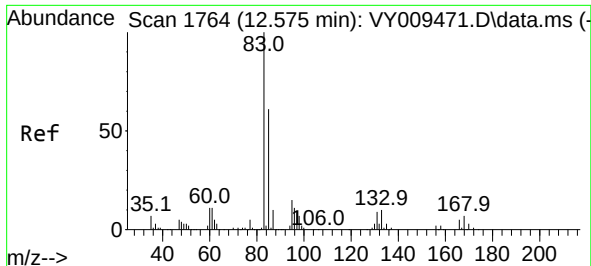
Tgt Ion:105 Resp: 155188
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.2



#74
N-ethyl acetate
Concen: 19.919 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion: 43 Resp: 48044
Ion Ratio Lower Upper
43 100
70 41.7 28.7 43.1
55 22.9 17.3 25.9
61 22.7 17.0 25.6

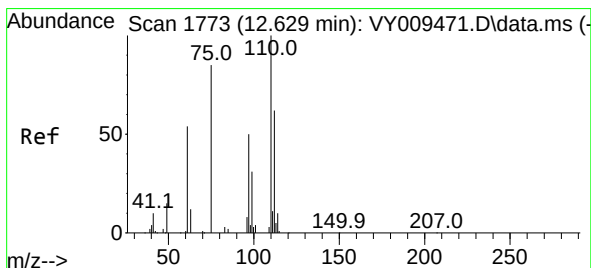
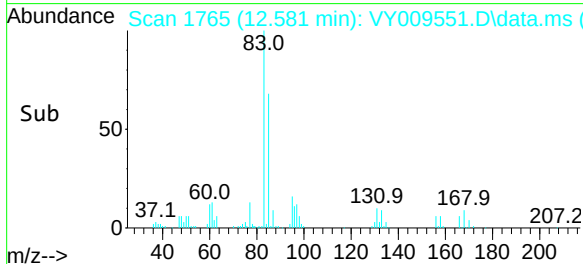
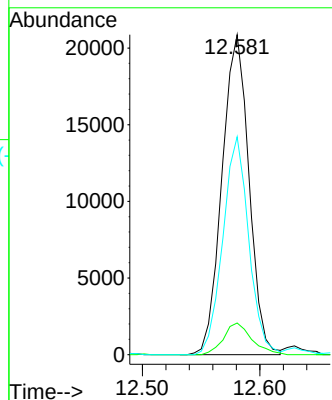
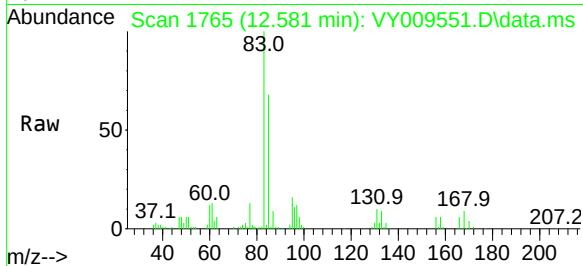




#75
1,1,2,2-Tetrachloroethane
Concen: 19.594 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

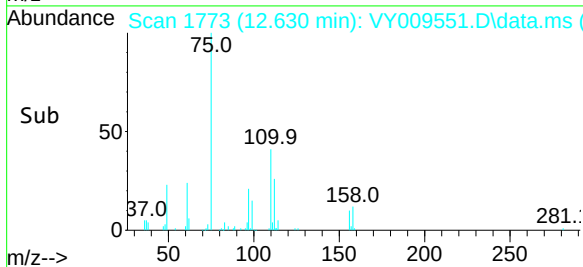
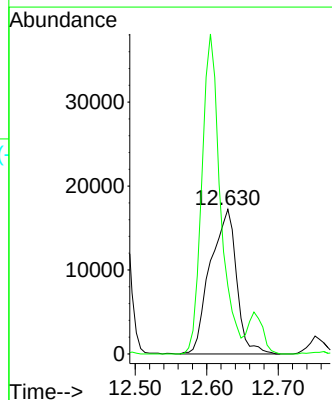
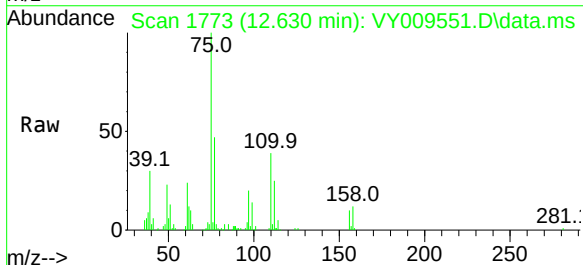
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

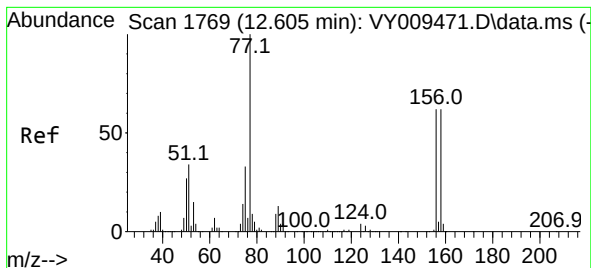
Tgt Ion: 83 Resp: 33259
Ion Ratio Lower Upper
83 100
131 10.4 5.6 16.8
85 65.4 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 33.565 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion: 75 Resp: 44043
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.074 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

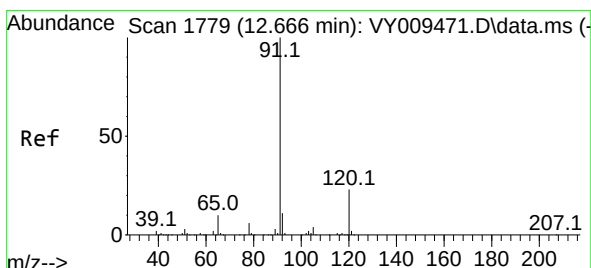
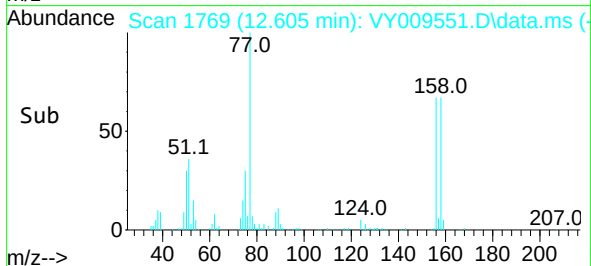
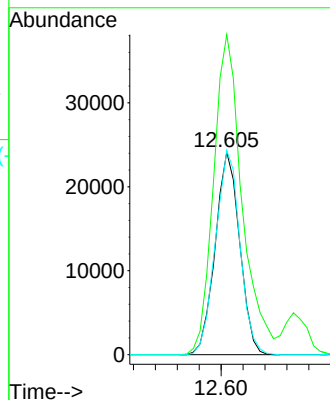
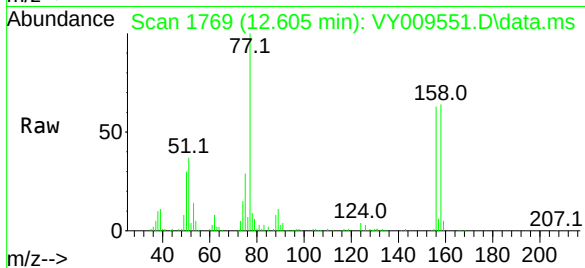
Tgt Ion:156 Resp: 37301

Ion Ratio Lower Upper

156 100

77 184.5 95.5 286.4

158 101.4 48.0 144.0



#78

n-propylbenzene

Concen: 18.383 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009551.D

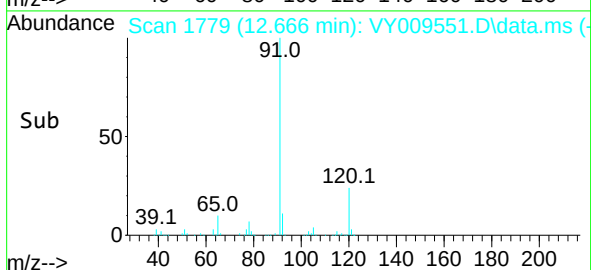
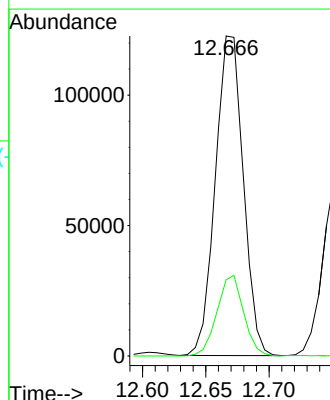
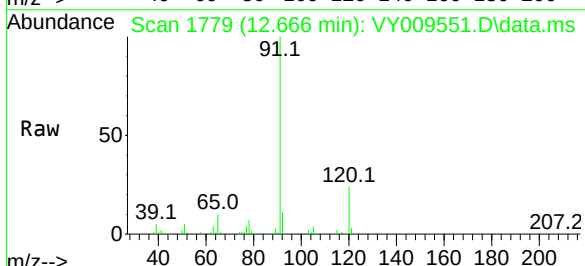
Acq: 13 Jul 2022 11:11

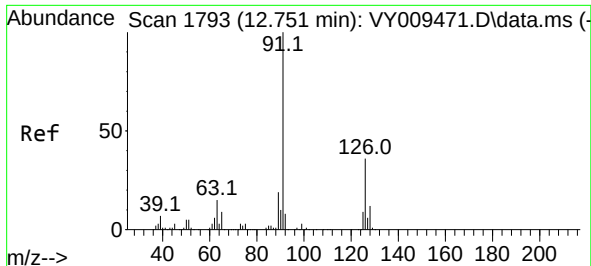
Tgt Ion: 91 Resp: 188270

Ion Ratio Lower Upper

91 100

120 24.0 11.3 33.9

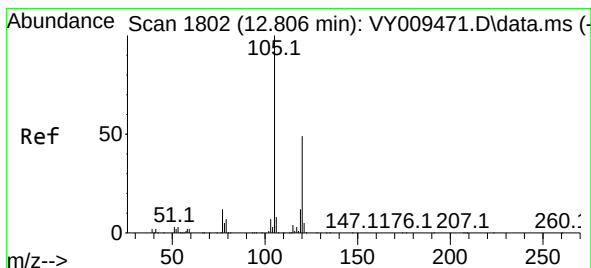
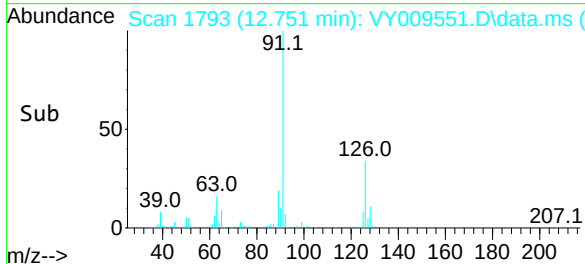
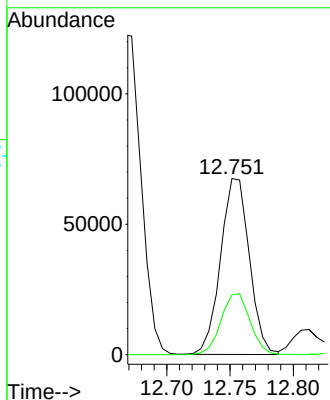
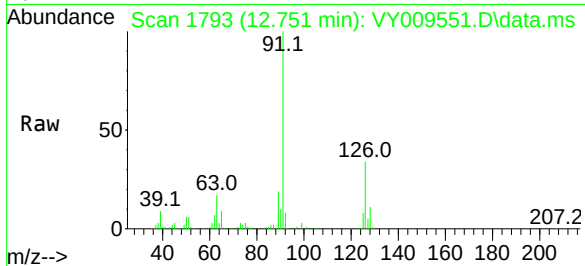




#79
2-Chlorotoluene
Concen: 18.642 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

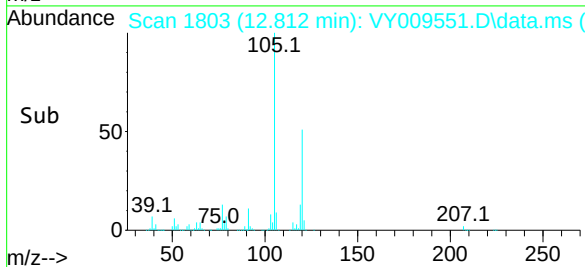
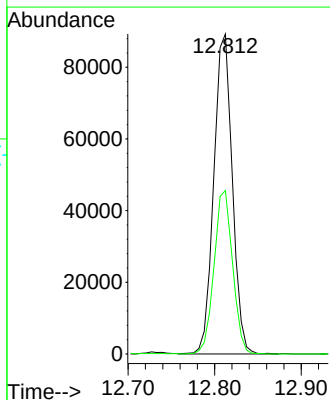
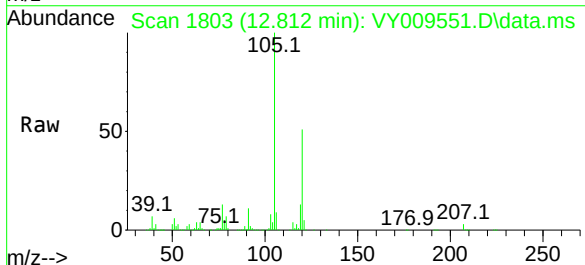
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

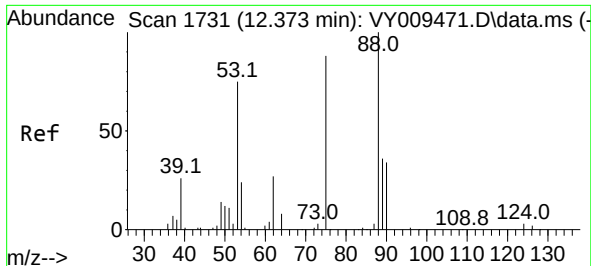
Tgt Ion: 91 Resp: 106889
Ion Ratio Lower Upper
91 100
126 35.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 18.704 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion: 105 Resp: 132531
Ion Ratio Lower Upper
105 100
120 51.2 24.4 73.4

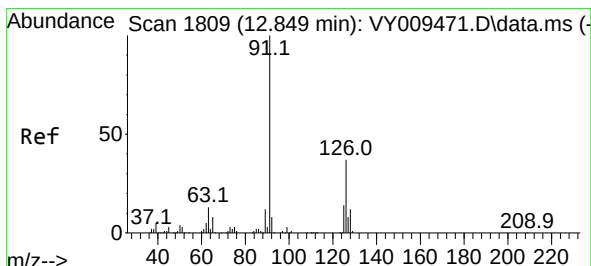
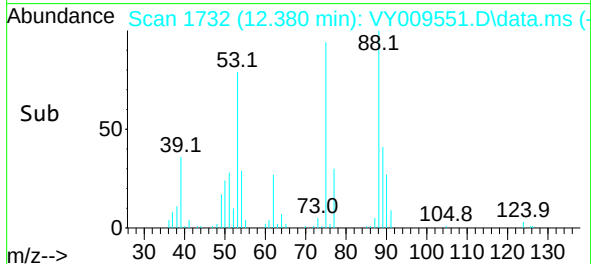
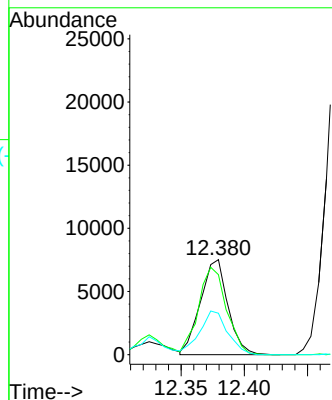
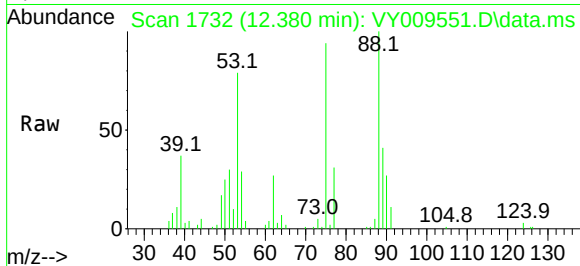




#81
trans-1,4-Dichloro-2-butene
Concen: 17.725 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

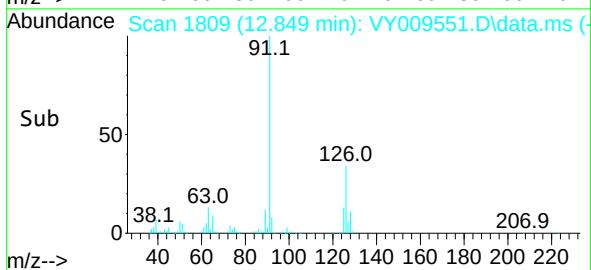
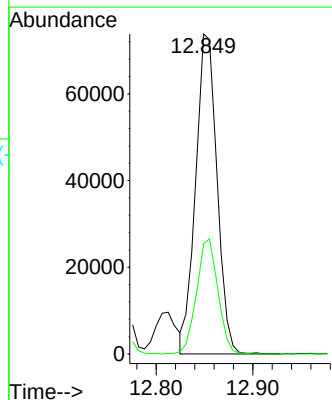
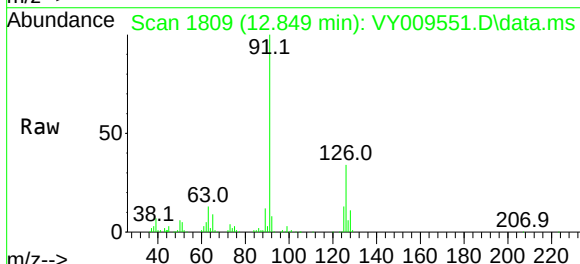
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

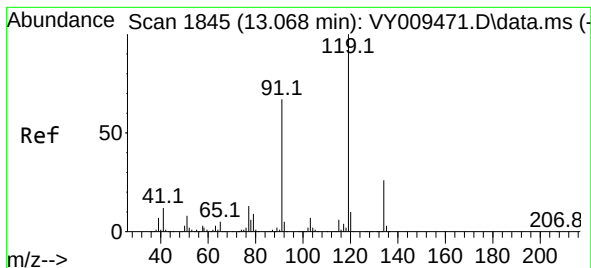
Tgt Ion: 75 Resp: 11364
Ion Ratio Lower Upper
75 100
53 94.0 85.3 127.9
89 46.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 18.883 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY009551.D
Acq: 13 Jul 2022 11:11

Tgt Ion: 91 Resp: 113470
Ion Ratio Lower Upper
91 100
126 36.0 17.0 51.0





#83

tert-Butylbenzene

Concen: 18.855 ug/l

RT: 13.075 min Scan# 1845

Delta R.T. 0.007 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

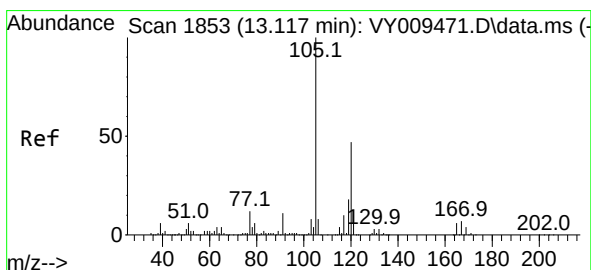
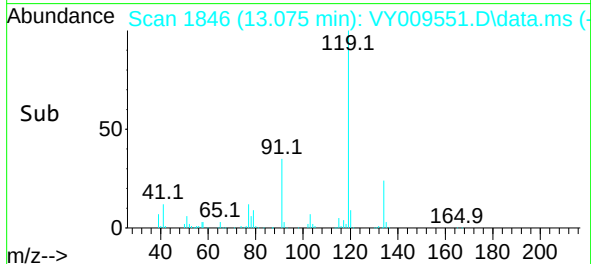
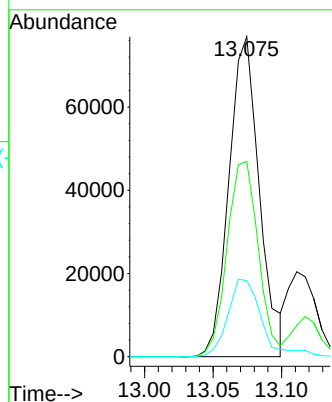
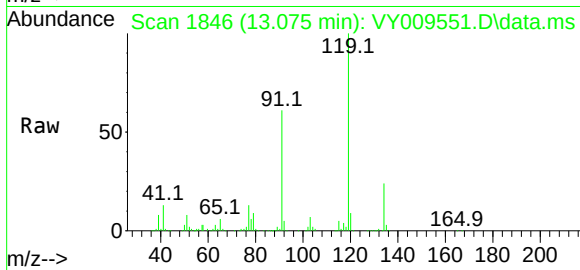
Tgt Ion:119 Resp: 118863

Ion Ratio Lower Upper

119 100

91 62.5 34.8 104.4

134 26.9 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 18.946 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009551.D

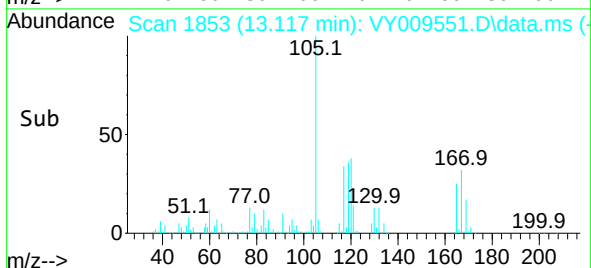
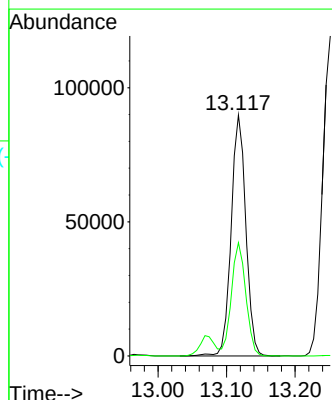
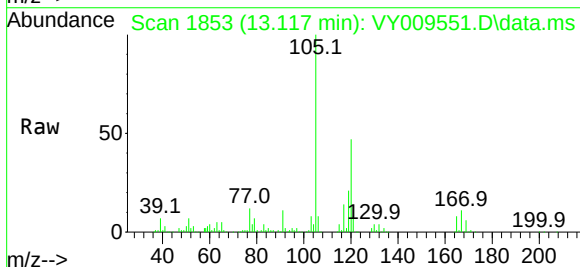
Acq: 13 Jul 2022 11:11

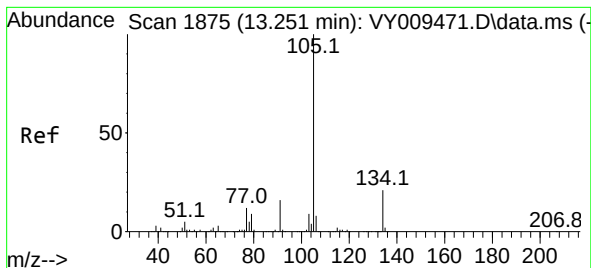
Tgt Ion:105 Resp: 133627

Ion Ratio Lower Upper

105 100

120 46.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.021 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

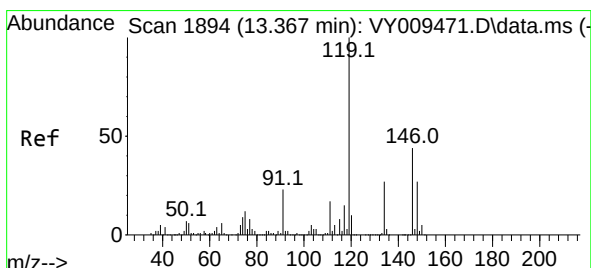
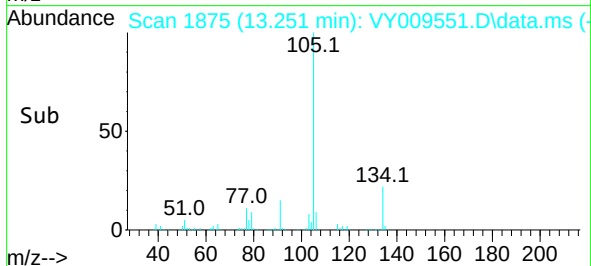
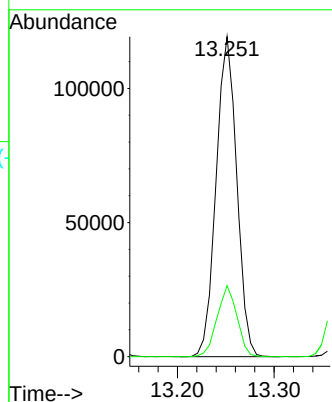
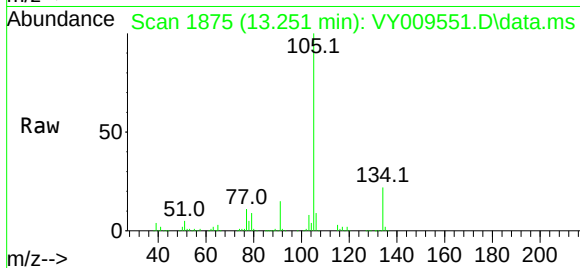
VY0713SBSD01

Tgt Ion:105 Resp: 176600

Ion Ratio Lower Upper

105 100

134 21.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 18.884 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

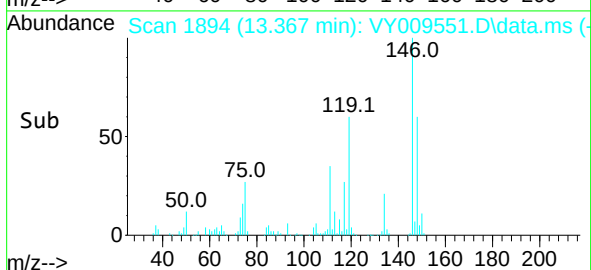
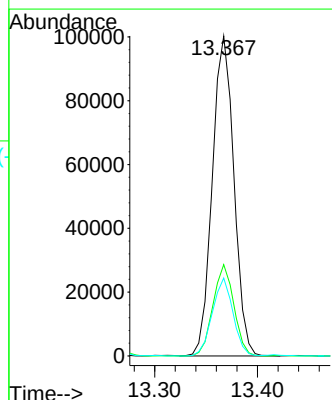
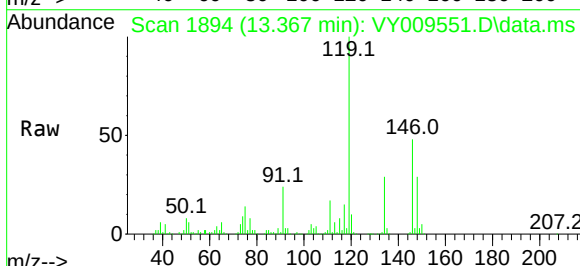
Tgt Ion:119 Resp: 146140

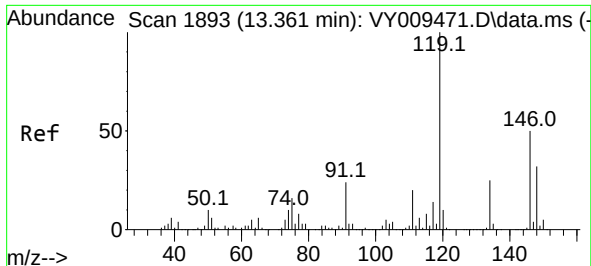
Ion Ratio Lower Upper

119 100

134 27.6 13.2 39.5

91 23.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.307 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBSD01

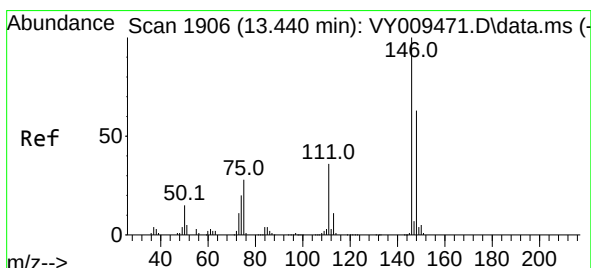
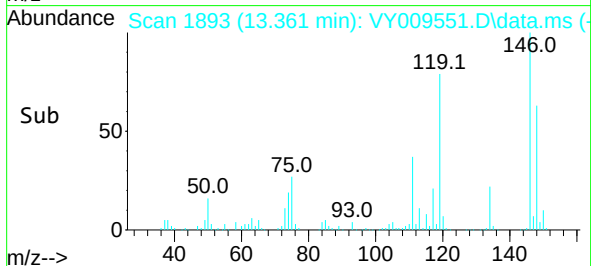
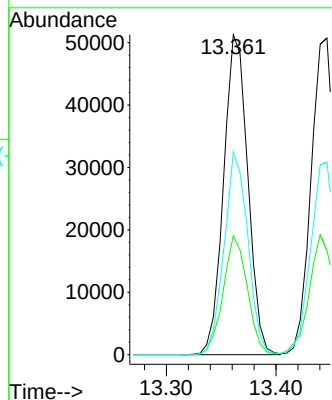
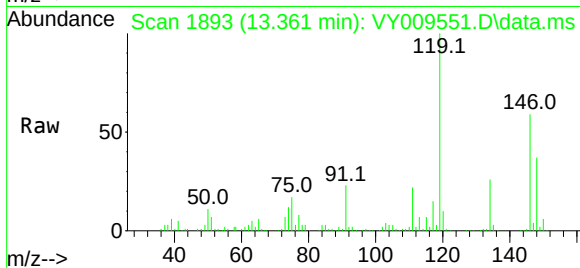
Tgt Ion:146 Resp: 78652

Ion Ratio Lower Upper

146 100

111 37.0 19.5 58.5

148 62.3 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 19.160 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

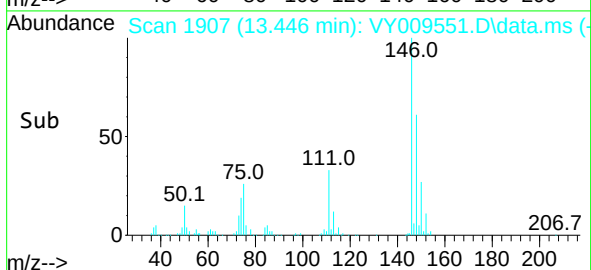
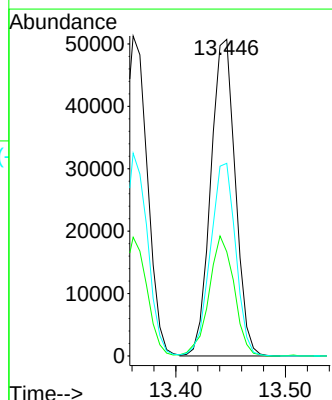
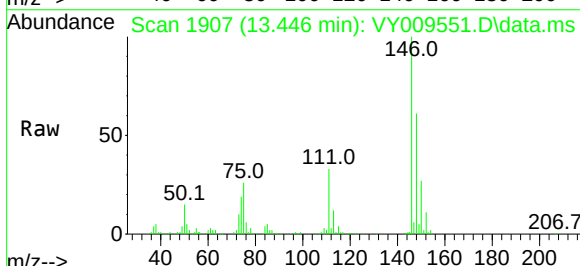
Tgt Ion:146 Resp: 78997

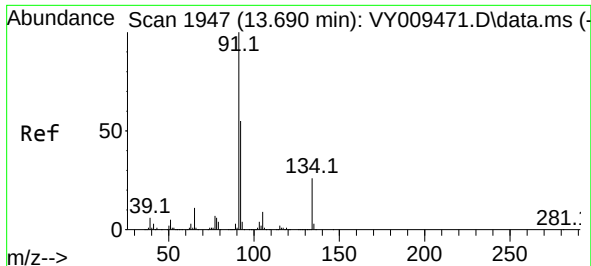
Ion Ratio Lower Upper

146 100

111 38.7 19.3 57.8

148 62.7 32.6 97.8





#89

n-Butylbenzene

Concen: 19.056 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.006 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

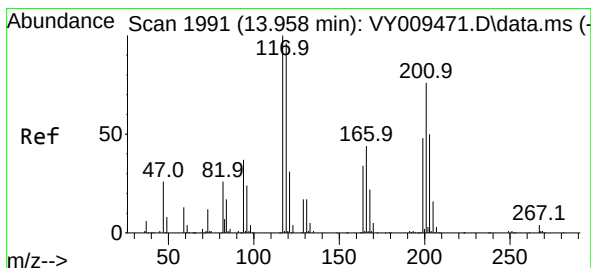
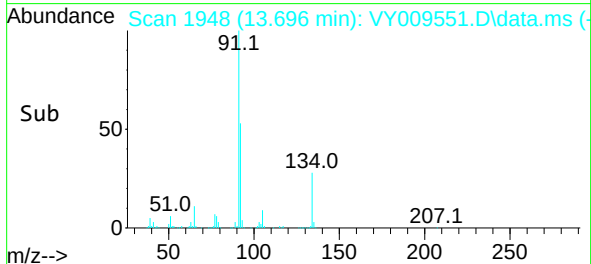
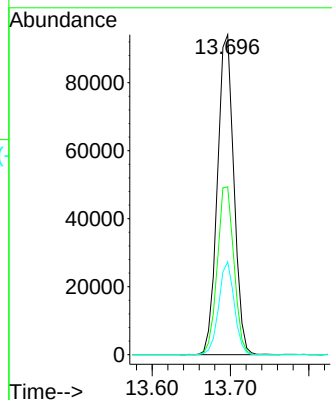
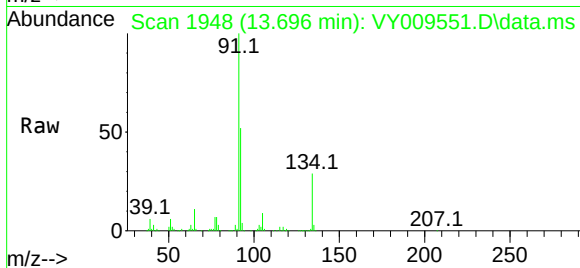
Tgt Ion: 91 Resp: 137715

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

134 27.4 13.0 38.9



#90

Hexachloroethane

Concen: 18.711 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY009551.D

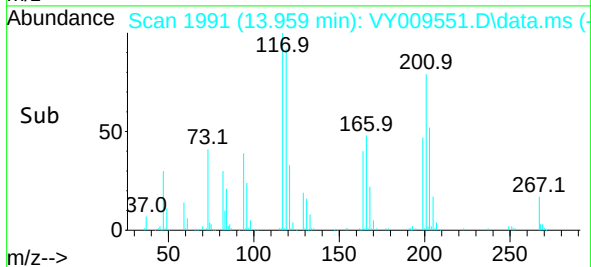
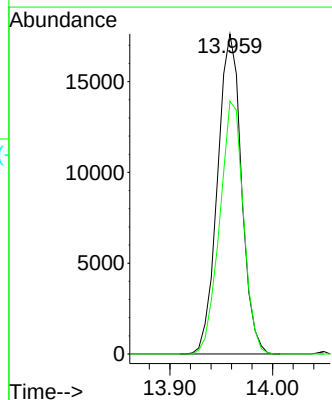
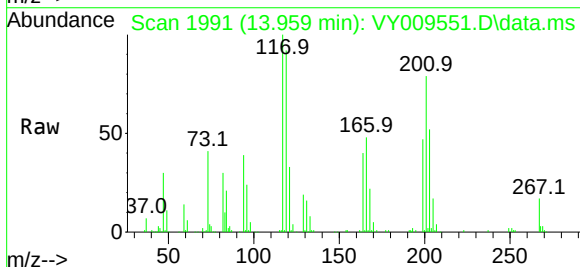
Acq: 13 Jul 2022 11:11

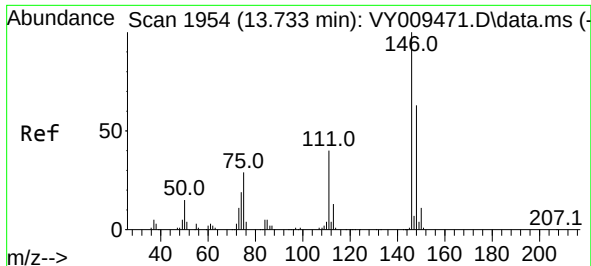
Tgt Ion: 117 Resp: 28411

Ion Ratio Lower Upper

117 100

201 78.4 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 19.039 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

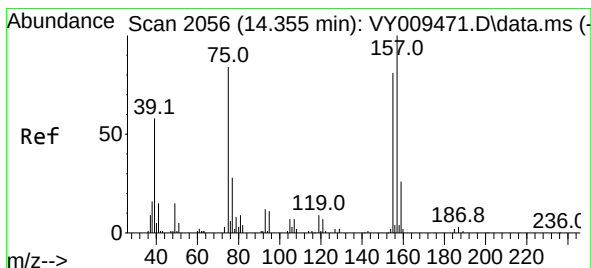
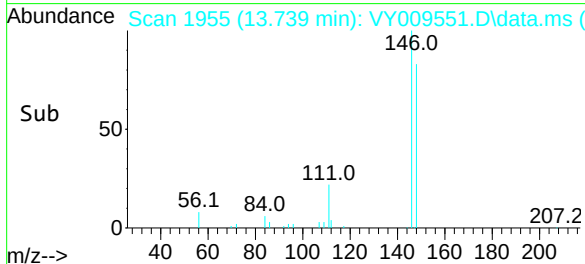
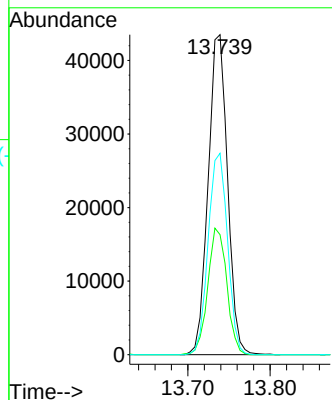
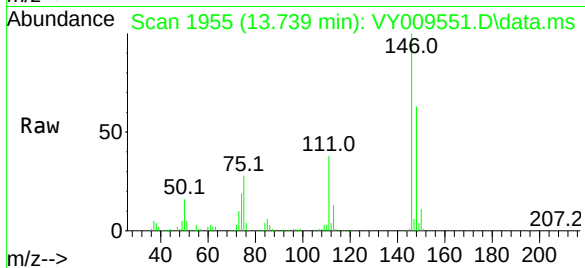
Tgt Ion:146 Resp: 71059

Ion Ratio Lower Upper

146 100

111 38.9 20.3 60.9

148 63.0 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.072 ug/l

RT: 14.349 min Scan# 2055

Delta R.T. -0.006 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

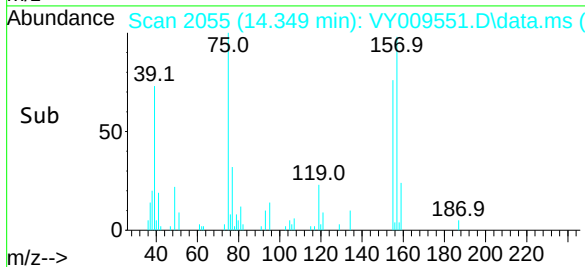
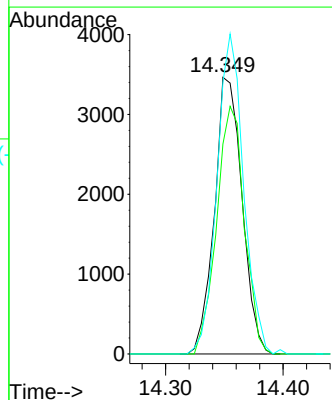
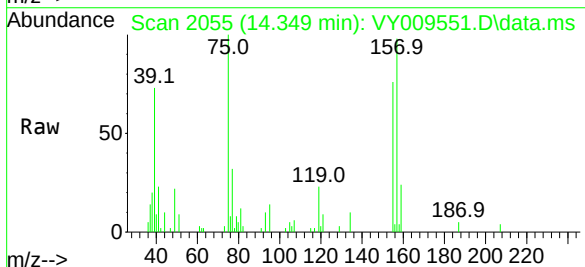
Tgt Ion: 75 Resp: 5674

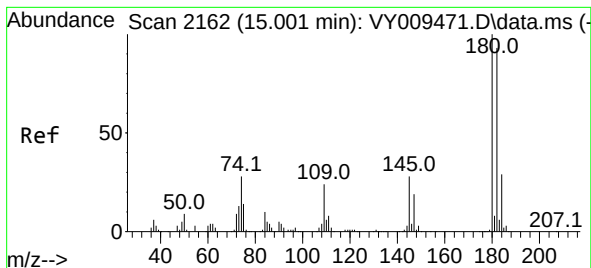
Ion Ratio Lower Upper

75 100

155 89.6 38.0 113.9

157 111.7 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 17.850 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

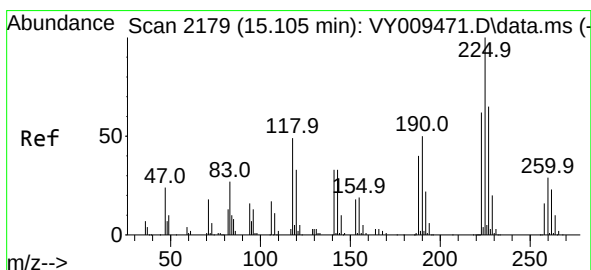
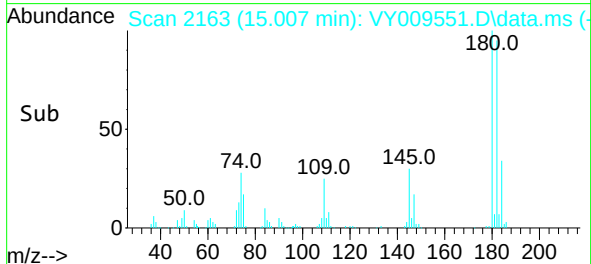
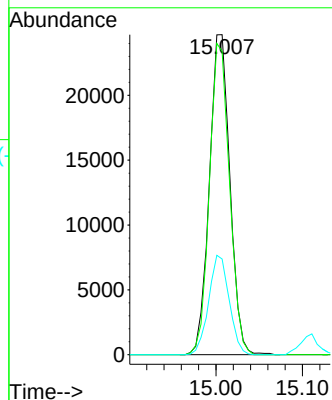
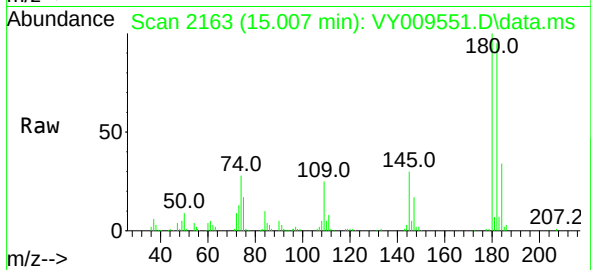
Tgt Ion:180 Resp: 40633

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.9

145 31.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 18.722 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

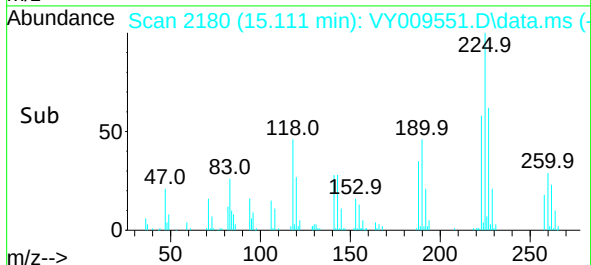
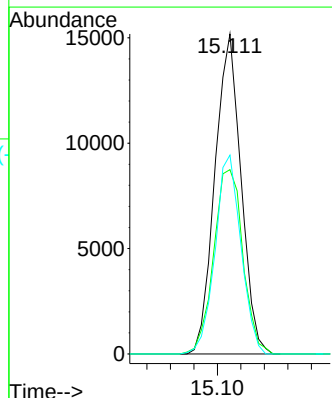
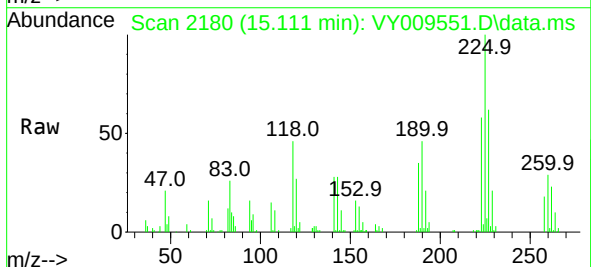
Tgt Ion:225 Resp: 23431

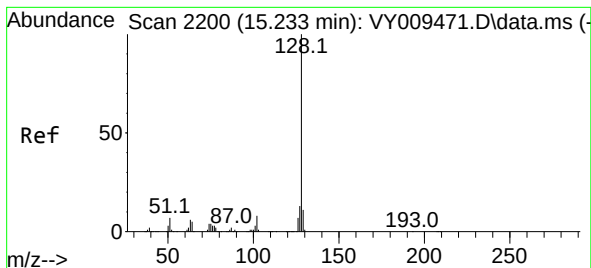
Ion Ratio Lower Upper

225 100

223 64.5 30.8 92.3

227 61.6 31.6 94.7





#95

Naphthalene

Concen: 18.021 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

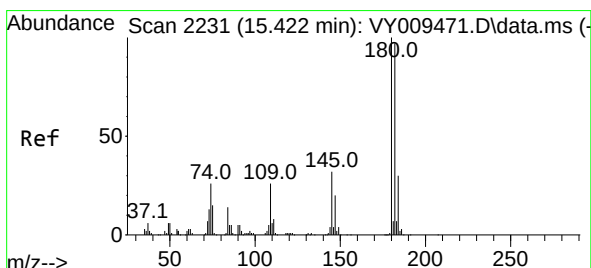
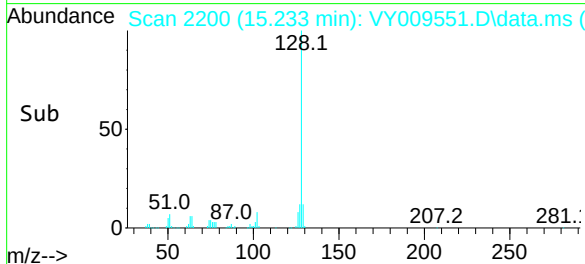
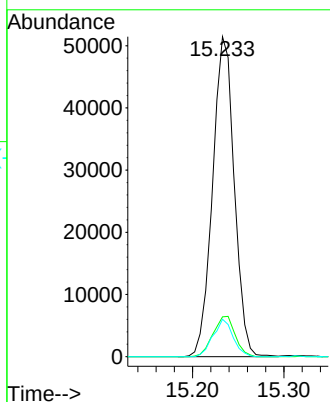
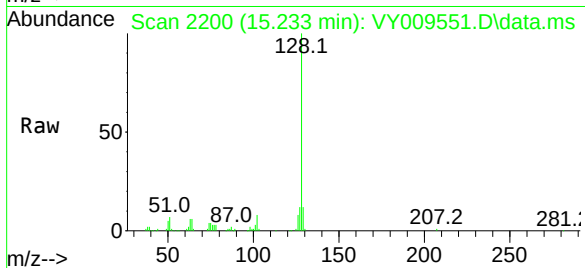
Tgt Ion:128 Resp: 84819

Ion Ratio Lower Upper

128 100

127 12.9 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 18.080 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009551.D

Acq: 13 Jul 2022 11:11

Tgt Ion:180 Resp: 35646

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.9

145 31.8 15.3 45.9

