

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008581.D
 Acq On : 03 May 2022 11:01
 Operator : KP/MD
 Sample : VY0503SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0503SBS01

Quant Time: May 03 16:55:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	139649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	203424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108620	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	74641	54.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.980%	
35) Dibromofluoromethane	7.722	113	74286	52.442	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.880%	
50) Toluene-d8	10.179	98	270426	53.886	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.780%	
62) 4-Bromofluorobenzene	12.483	95	97687	53.108	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.220%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34826	24.883	ug/l	100
3) Chloromethane	2.113	50	37551	23.082	ug/l	93
4) Vinyl Chloride	2.253	62	43571	22.276	ug/l	96
5) Bromomethane	2.643	94	35623	23.080	ug/l	94
6) Chloroethane	2.790	64	26410	21.069	ug/l	98
7) Trichlorofluoromethane	3.125	101	59211	22.382	ug/l	95
8) Diethyl Ether	3.527	74	19786	23.353	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.899	101	35193	22.629	ug/l	94
10) Methyl Iodide	4.088	142	33595	17.425	ug/l #	88
11) Tert butyl alcohol	4.954	59	22955	156.976	ug/l	99
12) 1,1-Dichloroethene	3.869	96	33613	22.937	ug/l #	74
13) Acrolein	3.729	56	20581	112.222	ug/l	98
14) Allyl chloride	4.479	41	40934	23.332	ug/l #	88
15) Acrylonitrile	5.161	53	46321	119.915	ug/l	97
16) Acetone	3.948	43	34215	116.996	ug/l #	81
17) Carbon Disulfide	4.192	76	97118	23.308	ug/l	99
18) Methyl Acetate	4.479	43	20693	23.895	ug/l #	81
19) Methyl tert-butyl Ether	5.222	73	91671	22.685	ug/l	91
20) Methylene Chloride	4.716	84	44712	22.385	ug/l #	79
21) trans-1,2-Dichloroethene	5.222	96	38337	23.029	ug/l #	80
22) Diisopropyl ether	6.118	45	93771	23.152	ug/l #	89
23) Vinyl Acetate	6.058	43	312753	118.245	ug/l #	86
24) 1,1-Dichloroethane	6.015	63	58515	22.919	ug/l	97
25) 2-Butanone	6.984	43	56812	121.026	ug/l #	81
26) 2,2-Dichloropropane	6.984	77	54307	22.209	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	42982	22.560	ug/l	81
28) Bromochloromethane	7.338	49	20806	21.313	ug/l #	63
29) Tetrahydrofuran	7.350	42	37756	121.268	ug/l #	77
30) Chloroform	7.508	83	63933	22.349	ug/l	100
31) Cyclohexane	7.783	56	55366	23.633	ug/l #	80
32) 1,1,1-Trichloroethane	7.704	97	57272	21.826	ug/l #	92
36) 1,1-Dichloropropene	7.917	75	49879	22.644	ug/l	94
37) Ethyl Acetate	7.076	43	26830	23.752	ug/l #	90
38) Carbon Tetrachloride	7.899	117	53727	21.380	ug/l	97
39) Methylcyclohexane	9.185	83	64917	22.342	ug/l #	81
40) Benzene	8.161	78	143750	22.594	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	33818	68.239	ug/l #	1
42) 1,2-Dichloroethane	8.240	62	40153	21.804	ug/l	88
43) Isopropyl Acetate	8.271	43	47147	22.939	ug/l #	87
44) Trichloroethene	8.941	130	42688	21.389	ug/l	97
45) 1,2-Dichloropropane	9.215	63	34248	23.074	ug/l #	89
46) Dibromomethane	9.307	93	22681	21.889	ug/l	94
47) Bromodichloromethane	9.496	83	49557	21.950	ug/l	98
48) Methyl methacrylate	9.289	41	20300	22.470	ug/l #	74
49) 1,4-Dioxane	9.301	88	6432	489.576	ug/l #	72
51) 4-Methyl-2-Pentanone	10.069	43	126313	117.088	ug/l #	84
52) Toluene	10.246	92	95286	22.406	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	52717	22.087	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	58767	22.162	ug/l #	79
55) 1,1,2-Trichloroethane	10.642	97	32480	22.495	ug/l	95
56) Ethyl methacrylate	10.508	69	40805	22.372	ug/l #	73
57) 1,3-Dichloropropane	10.788	76	51573	22.375	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	98485	106.383	ug/l #	88
59) 2-Hexanone	10.831	43	86152	117.267	ug/l	80
60) Dibromochloromethane	10.983	129	38963	21.573	ug/l	100
61) 1,2-Dibromoethane	11.087	107	32431	22.193	ug/l	99
64) Tetrachloroethene	10.721	164	39836	21.467	ug/l	98
65) Chlorobenzene	11.514	112	106028	21.638	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	39396	21.296	ug/l	98
67) Ethyl Benzene	11.593	91	178385	21.639	ug/l	95
68) m/p-Xylenes	11.703	106	145867	43.316	ug/l	88
69) o-Xylene	12.032	106	68919	21.354	ug/l	88
70) Styrene	12.044	104	115045	21.443	ug/l	93
71) Bromoform	12.209	173	25586	20.806	ug/l #	99
73) Isopropylbenzene	12.331	105	180017	21.244	ug/l	98
74) N-amyl acetate	12.142	43	41903	22.128	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	37720	21.997	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	47428	40.904	ug/l #	100
77) Bromobenzene	12.611	156	46183	20.656	ug/l	86
78) n-propylbenzene	12.672	91	211933	21.493	ug/l	95
79) 2-Chlorotoluene	12.758	91	117607	21.183	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	148690	21.238	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	12432	21.738	ug/l #	81
82) 4-Chlorotoluene	12.855	91	124719	21.808	ug/l	94
83) tert-Butylbenzene	13.075	119	132525	21.134	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	147249	21.161	ug/l	95
85) sec-Butylbenzene	13.251	105	196720	21.287	ug/l	98
86) p-Isopropyltoluene	13.373	119	166677	21.244	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	89625	20.727	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	89331	20.945	ug/l	99
89) n-Butylbenzene	13.696	91	148702	21.517	ug/l	98
90) Hexachloroethane	13.959	117	30764	21.171	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	82296	21.327	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5666	21.712	ug/l	66
93) 1,2,4-Trichlorobenzene	15.007	180	50425	20.480	ug/l	99
94) Hexachlorobutadiene	15.111	225	28231	20.303	ug/l	97
95) Naphthalene	15.239	128	100306	20.315	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	43864	20.072	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue May 03 01:57:20 2022
Response via : Initial Calibration

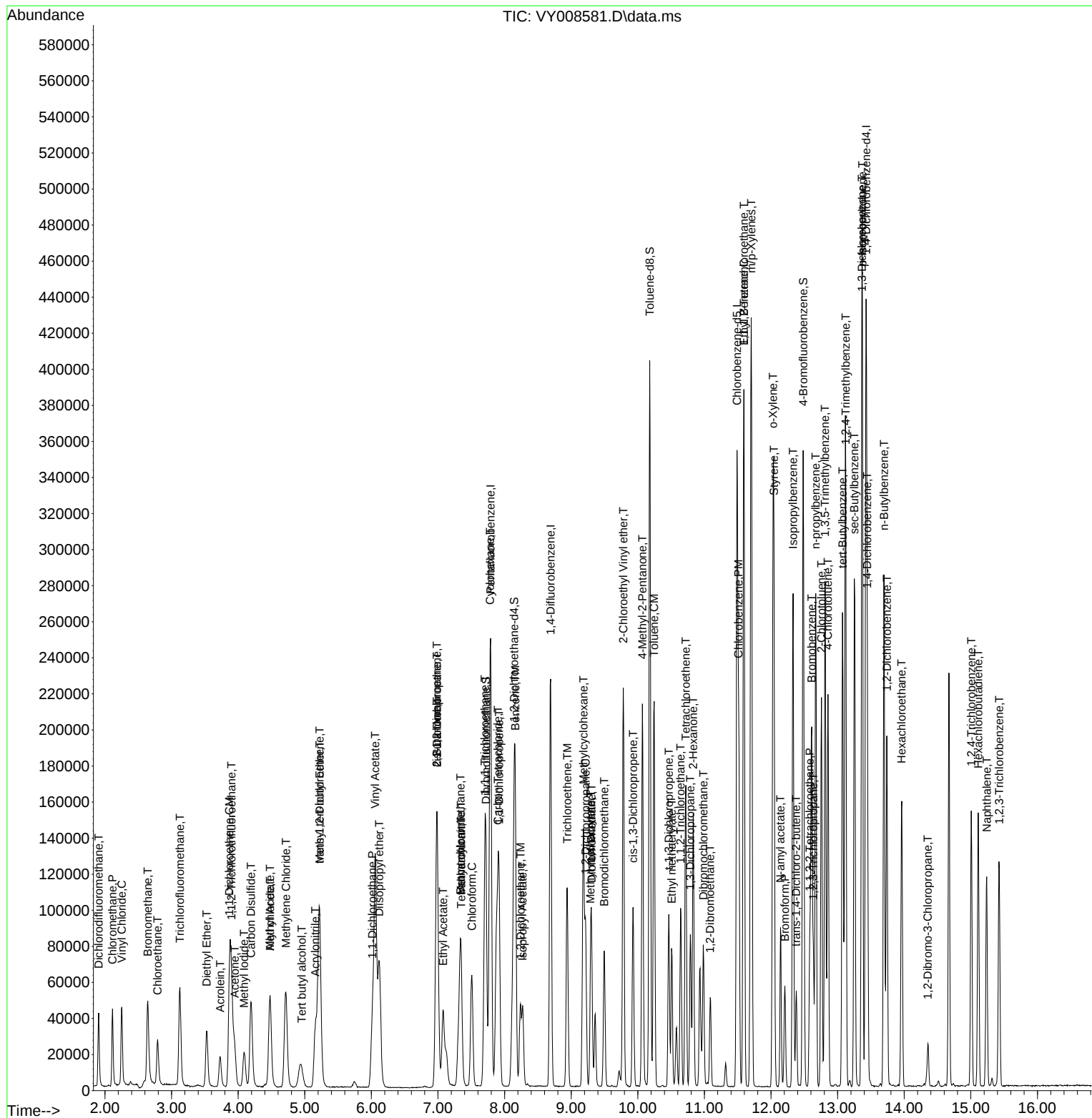
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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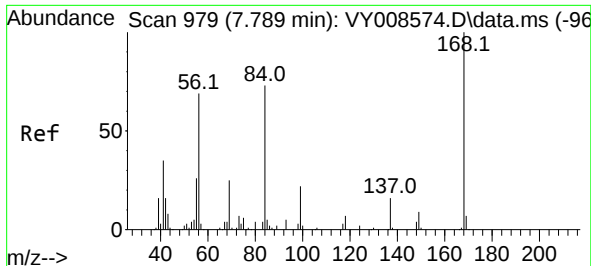
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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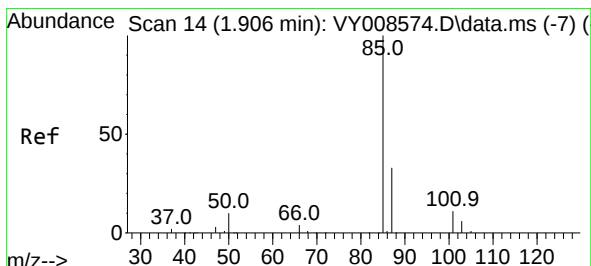
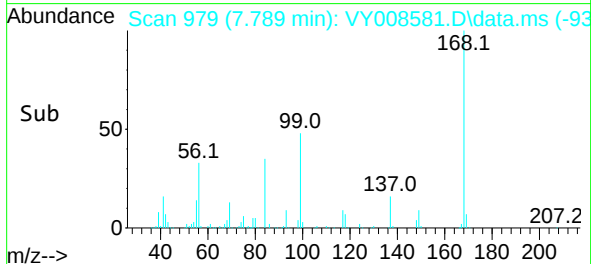
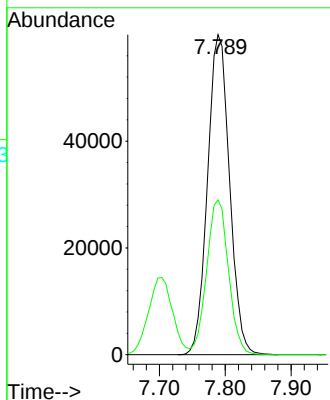
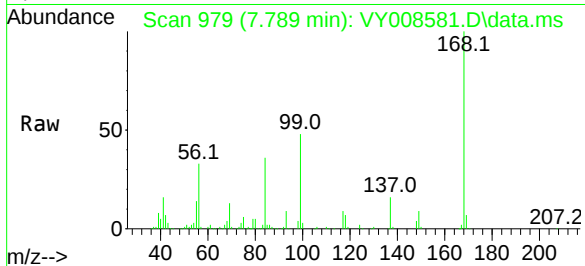




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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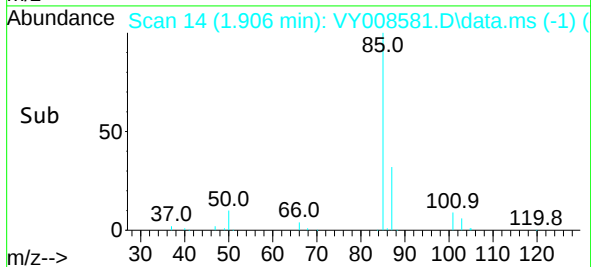
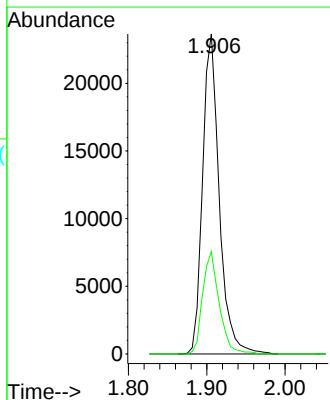
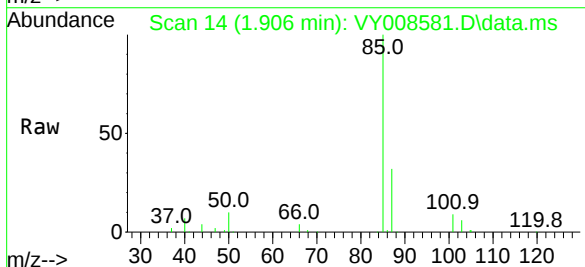
Instrument :
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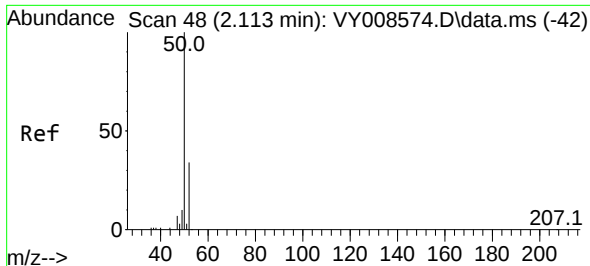
Tgt Ion:168 Resp: 139649
Ion Ratio Lower Upper
168 100
99 48.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 24.883 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion: 85 Resp: 34826
Ion Ratio Lower Upper
85 100
87 32.0 16.1 48.2

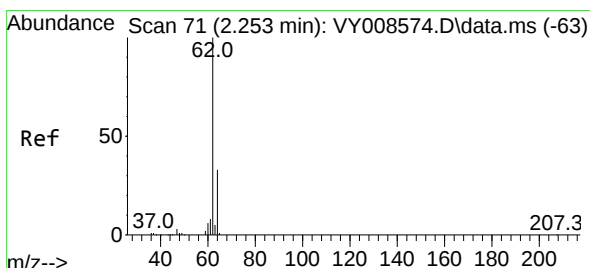
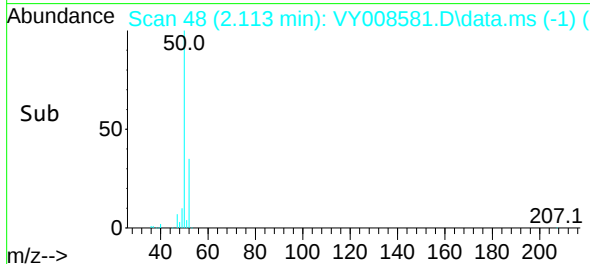
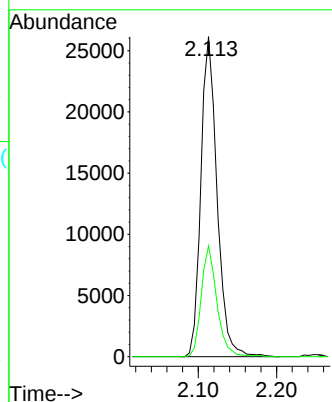
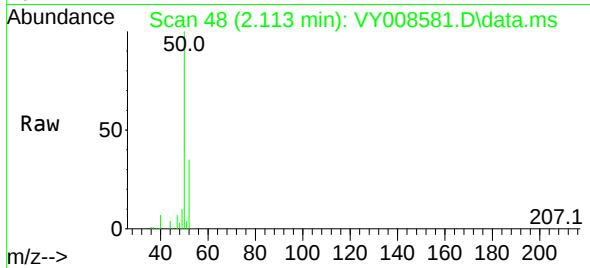




#3
Chloromethane
Concen: 23.082 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

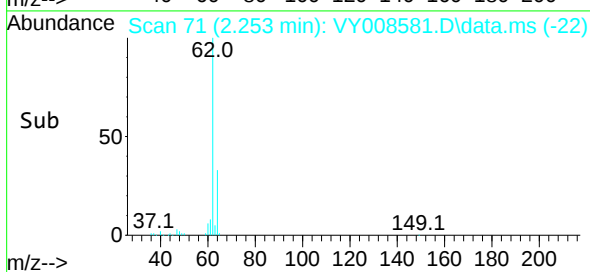
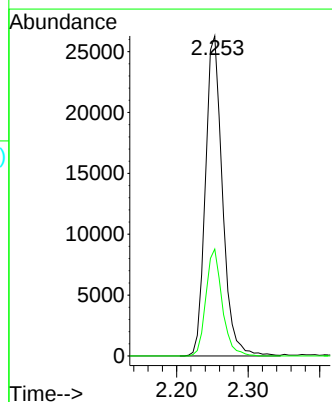
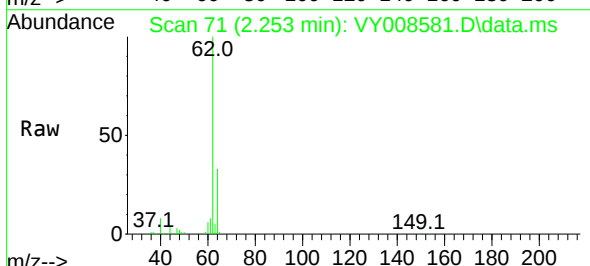
Instrument :
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ClientSampleId :
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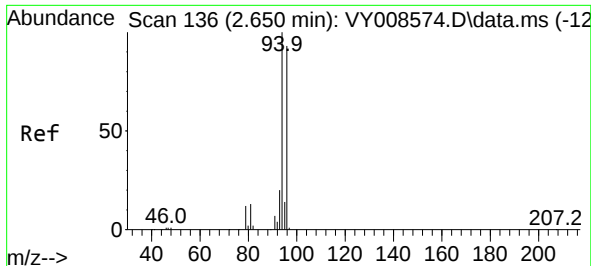
Tgt Ion: 50 Resp: 37551
Ion Ratio Lower Upper
50 100
52 34.6 24.6 37.0



#4
Vinyl Chloride
Concen: 22.276 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion: 62 Resp: 43571
Ion Ratio Lower Upper
62 100
64 33.4 25.0 37.6

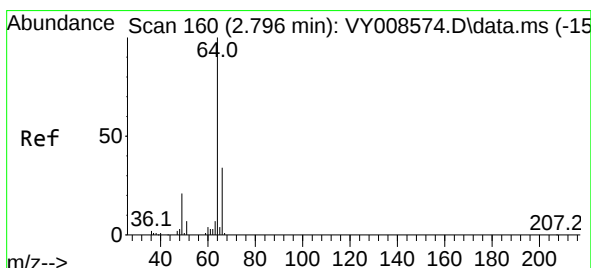
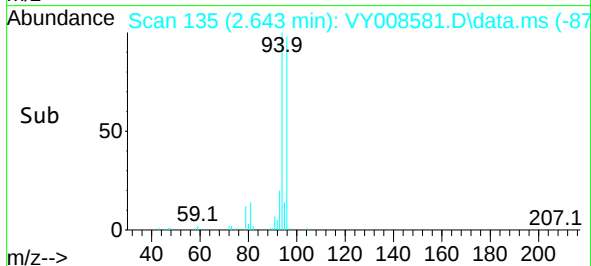
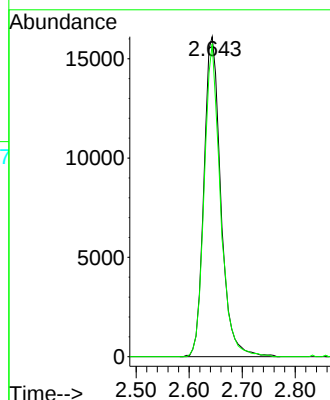
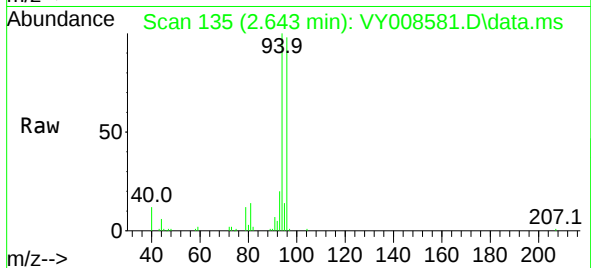




#5
Bromomethane
Concen: 23.080 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

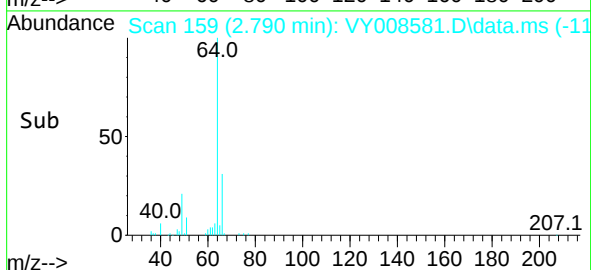
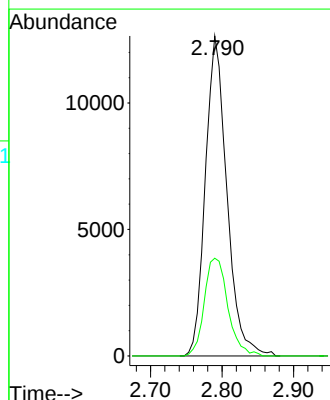
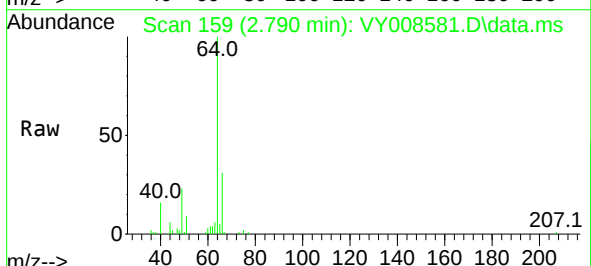
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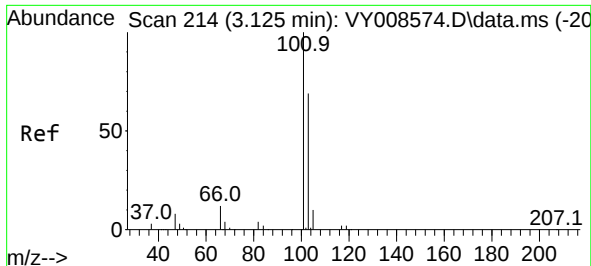
Tgt Ion: 94 Resp: 35623
Ion Ratio Lower Upper
94 100
96 97.8 73.5 110.3



#6
Chloroethane
Concen: 21.069 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY008581.D
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Tgt Ion: 64 Resp: 26410
Ion Ratio Lower Upper
64 100
66 30.5 25.4 38.0

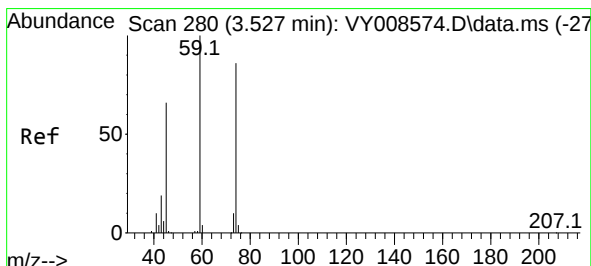
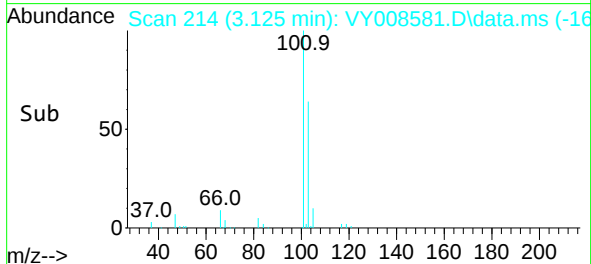
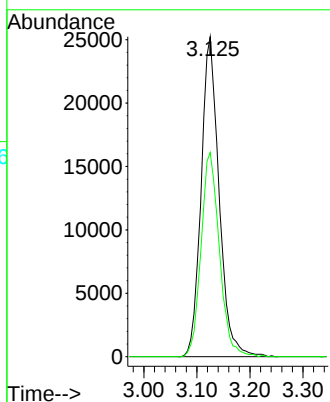
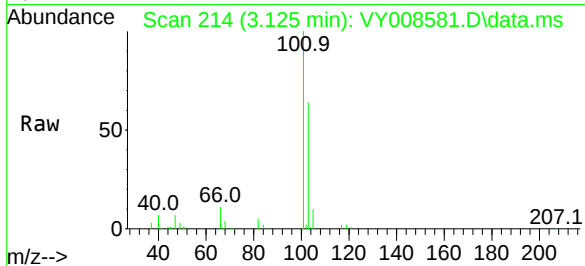




#7
 Trichlorofluoromethane
 Concen: 22.382 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY008581.D
 Acq: 03 May 2022 11:01

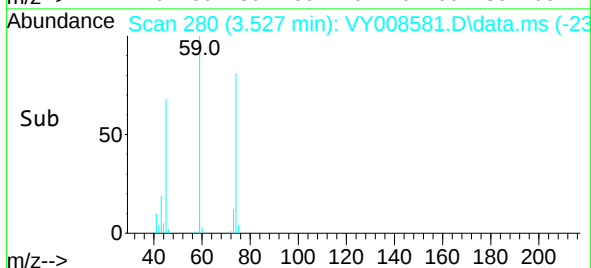
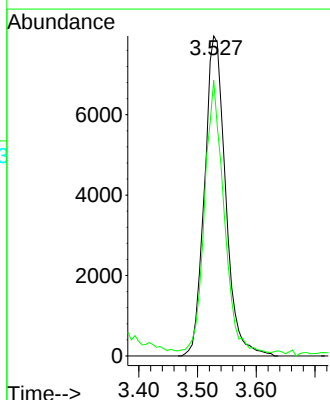
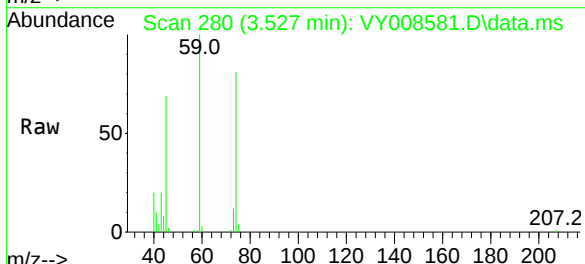
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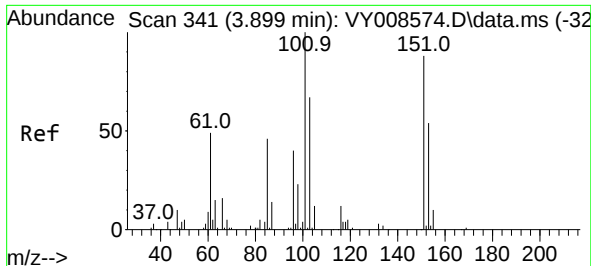
Tgt Ion: 101 Resp: 59211
 Ion Ratio Lower Upper
 101 100
 103 63.8 48.0 72.0



#8
 Diethyl Ether
 Concen: 23.353 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY008581.D
 Acq: 03 May 2022 11:01

Tgt Ion: 74 Resp: 19786
 Ion Ratio Lower Upper
 74 100
 45 78.0 55.1 165.5

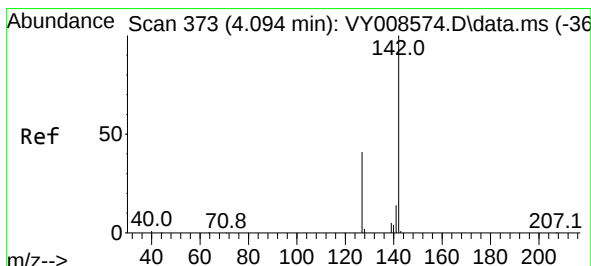
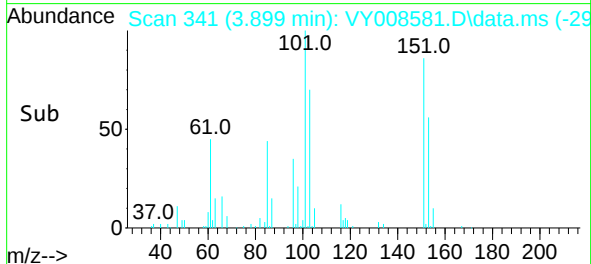
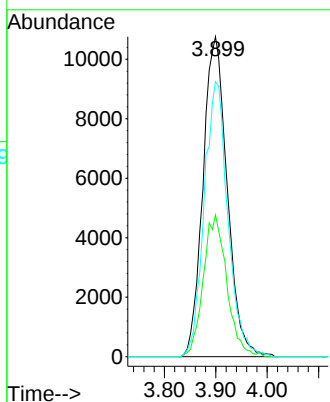
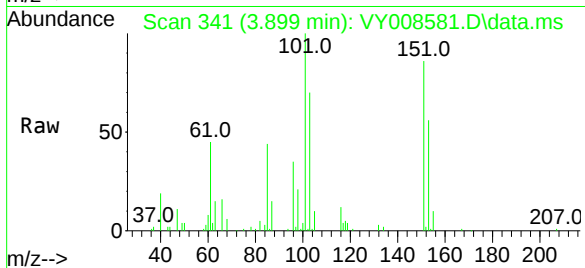




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.629 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

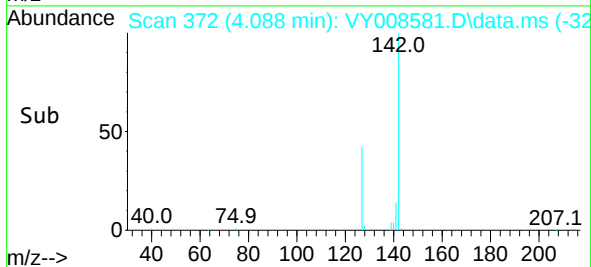
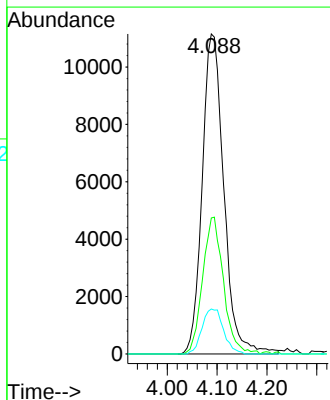
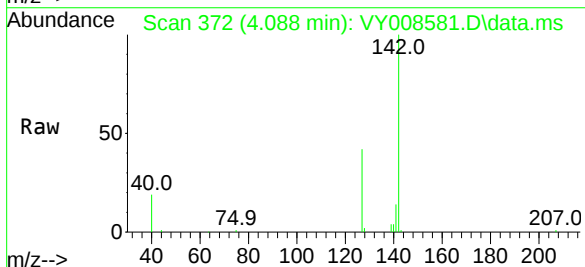
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

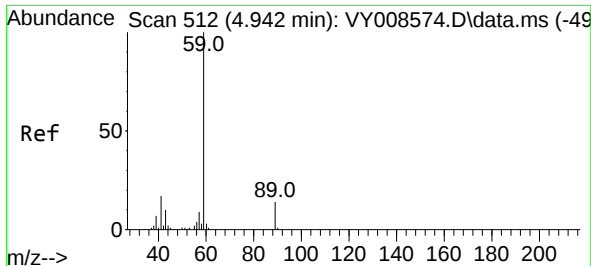
Tgt Ion:101 Resp: 35193
Ion Ratio Lower Upper
101 100
85 43.0 40.6 60.8
151 84.2 64.9 97.3



#10
Methyl Iodide
Concen: 17.425 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion:142 Resp: 33595
Ion Ratio Lower Upper
142 100
127 41.2 41.5 62.3#
141 14.0 11.9 17.9

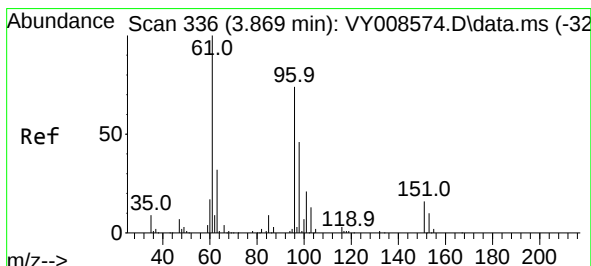
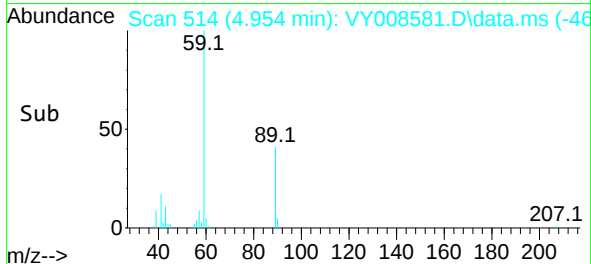
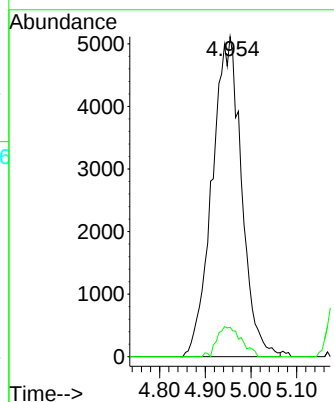
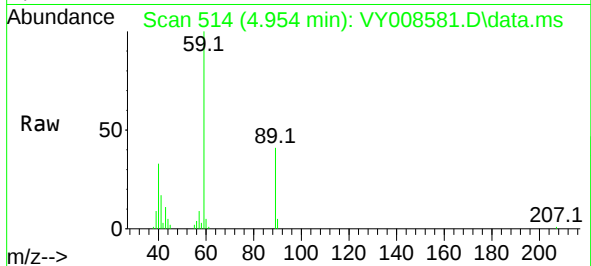




#11
Tert butyl alcohol
Concen: 156.976 ug/l
RT: 4.954 min Scan# 512
Delta R.T. 0.012 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

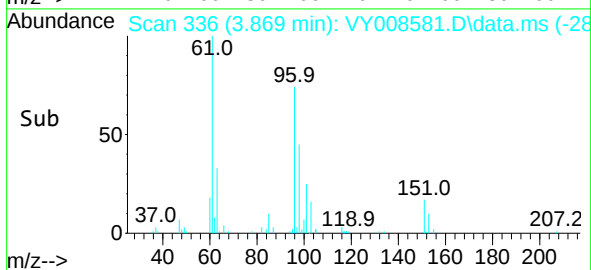
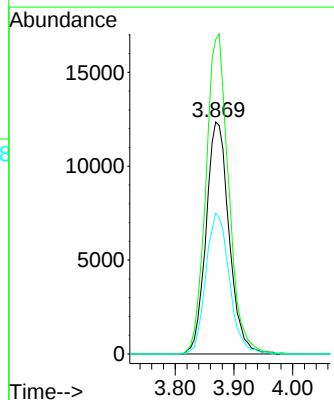
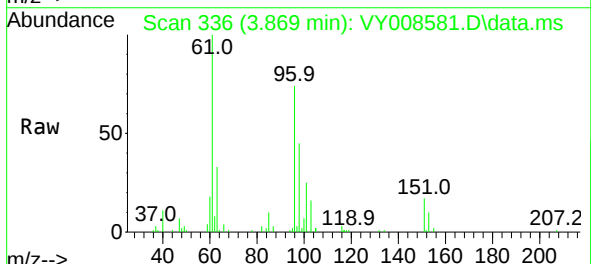
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

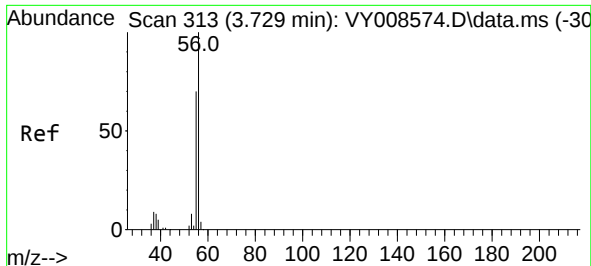
Tgt Ion: 59 Resp: 22955
Ion Ratio Lower Upper
59 100
57 7.7 6.4 9.6



#12
1,1-Dichloroethene
Concen: 22.937 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion: 96 Resp: 33613
Ion Ratio Lower Upper
96 100
61 135.6 145.8 218.6#
98 60.7 52.5 78.7





#13

Acrolein

Concen: 112.222 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

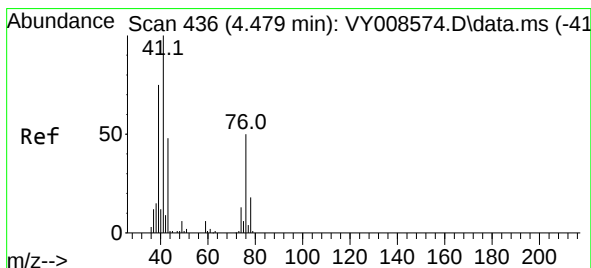
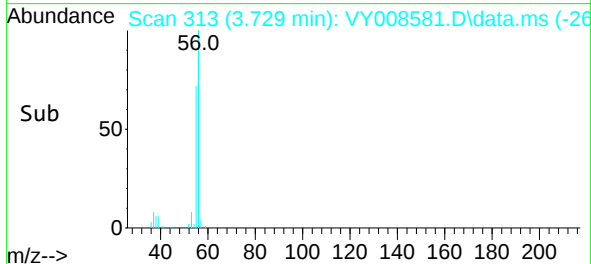
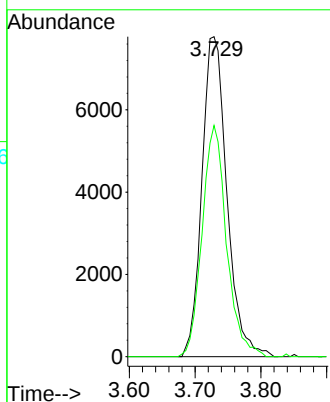
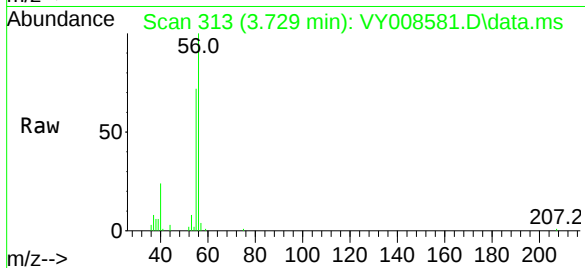
VY0503SBS01

Tgt Ion: 56 Resp: 20581

Ion Ratio Lower Upper

56 100

55 70.4 57.6 86.4



#14

Allyl chloride

Concen: 23.332 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

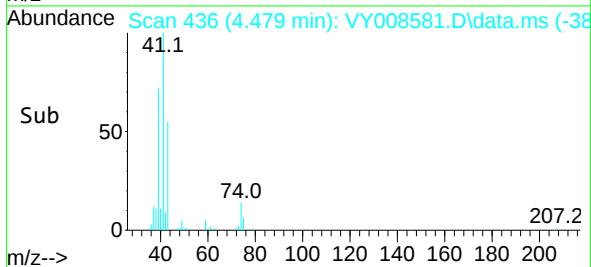
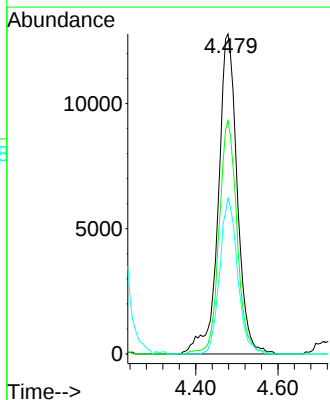
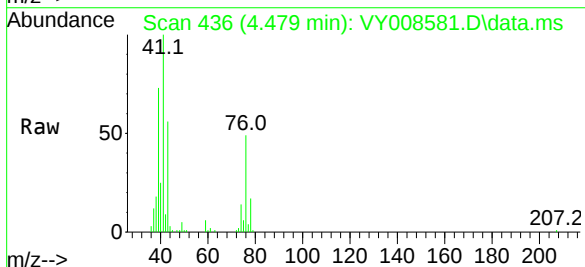
Tgt Ion: 41 Resp: 40934

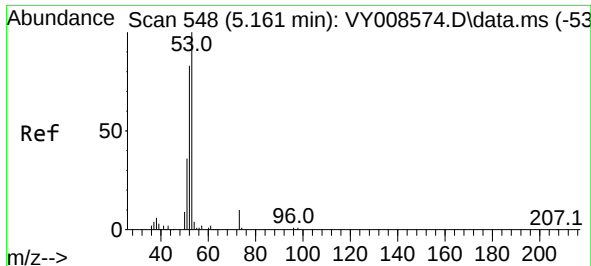
Ion Ratio Lower Upper

41 100

39 68.7 58.8 88.2

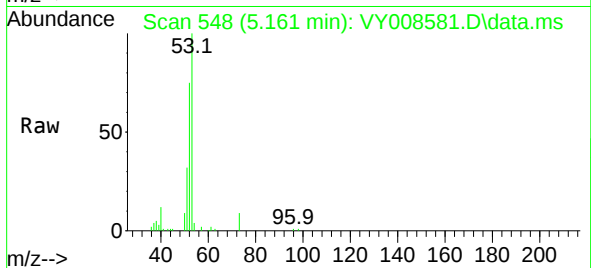
76 45.7 25.1 37.7#



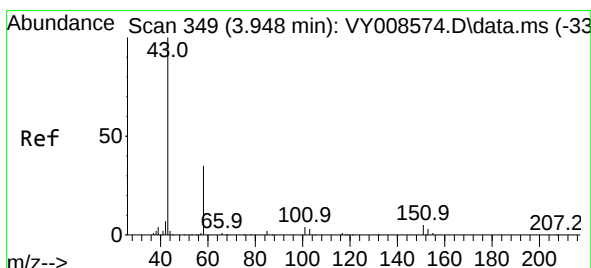
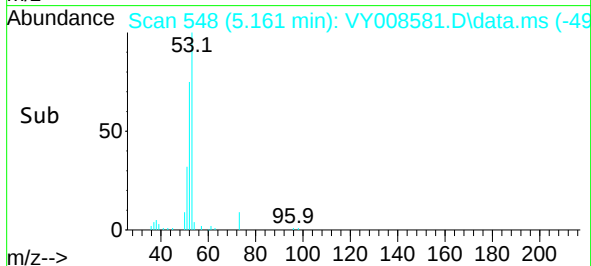
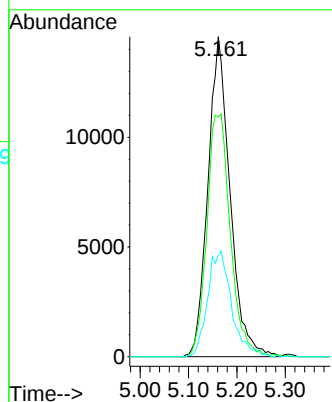


#15
Acrylonitrile
Concen: 119.915 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

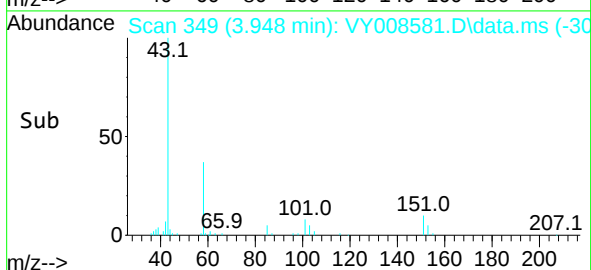
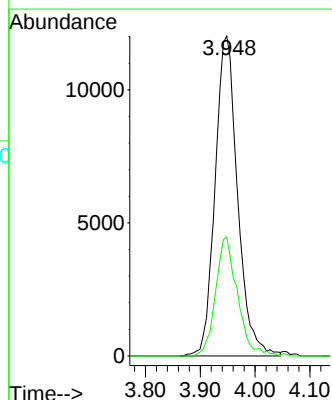
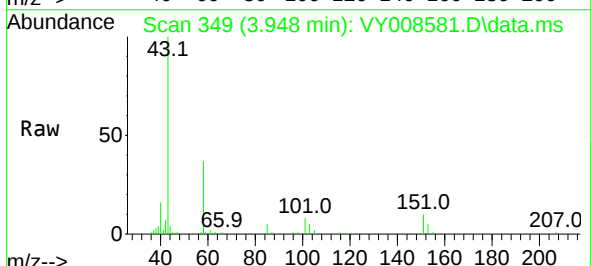


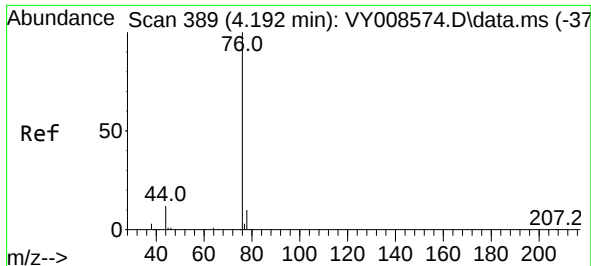
Tgt Ion: 53 Resp: 46321
Ion Ratio Lower Upper
53 100
52 80.2 67.0 100.4
51 35.8 29.8 44.6



#16
Acetone
Concen: 116.996 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion: 43 Resp: 34215
Ion Ratio Lower Upper
43 100
58 37.2 22.0 33.0#

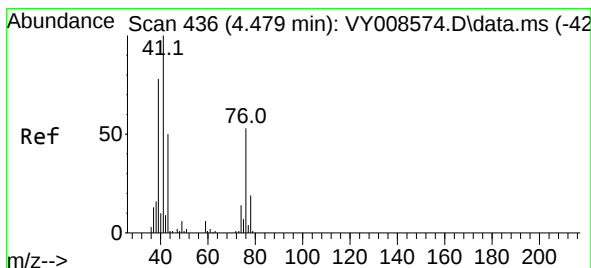
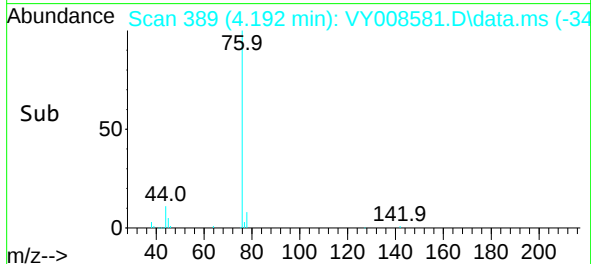
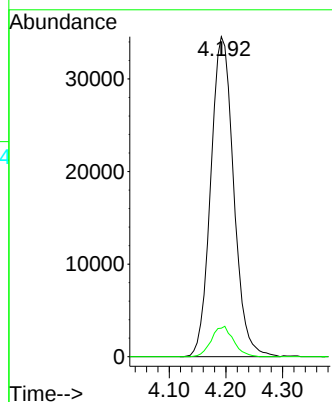
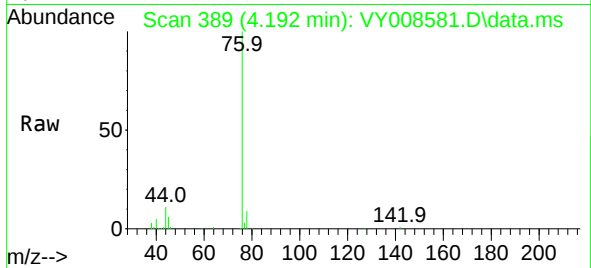




#17
Carbon Disulfide
Concen: 23.308 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

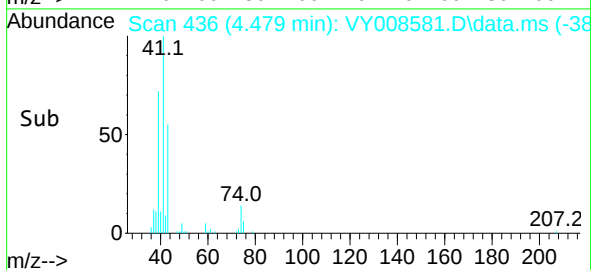
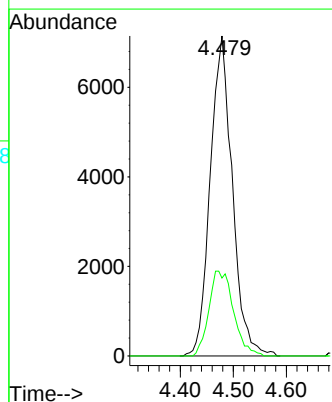
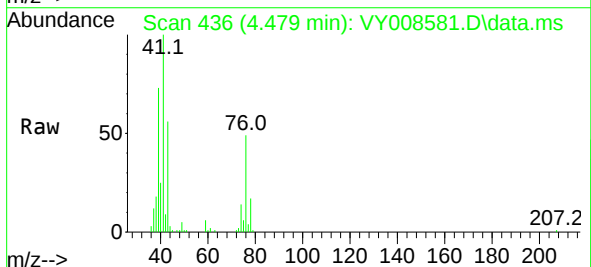
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

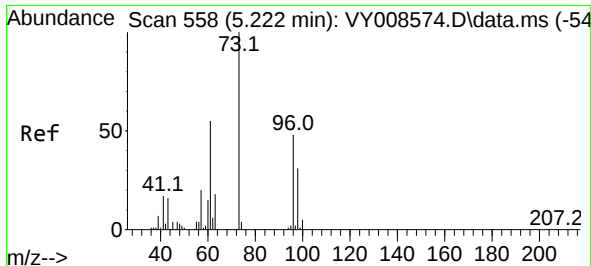
Tgt Ion: 76 Resp: 97118
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 23.895 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion: 43 Resp: 20693
Ion Ratio Lower Upper
43 100
74 29.6 16.6 24.8#

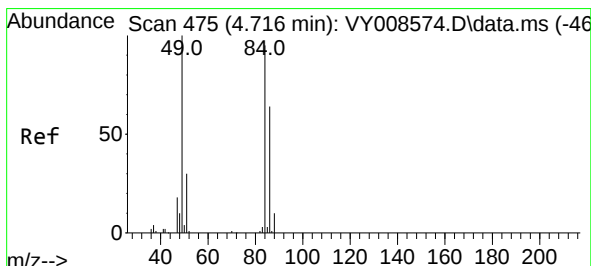
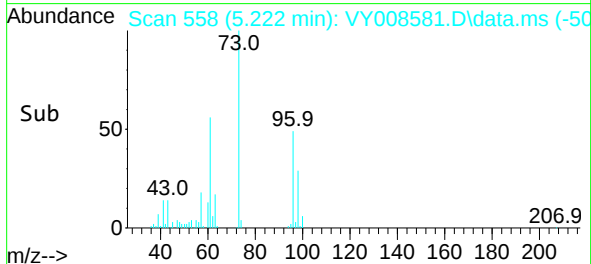
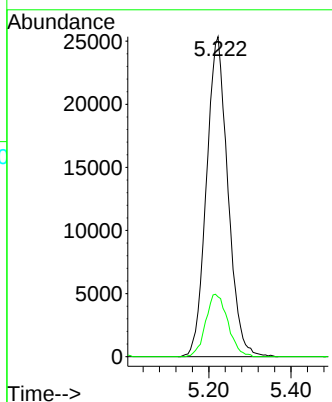
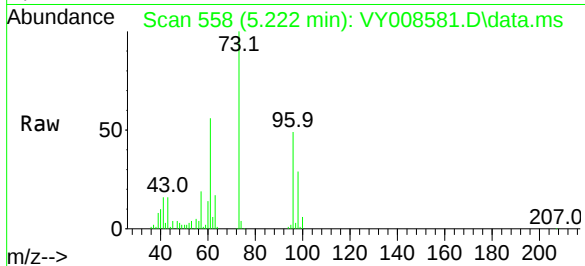




#19
Methyl tert-butyl Ether
Concen: 22.685 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

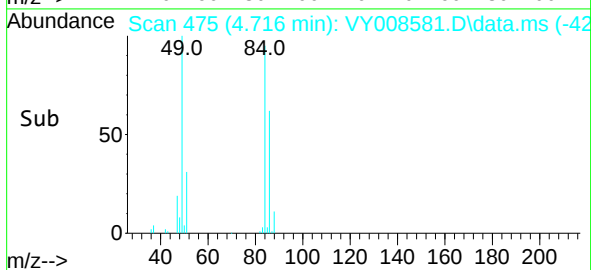
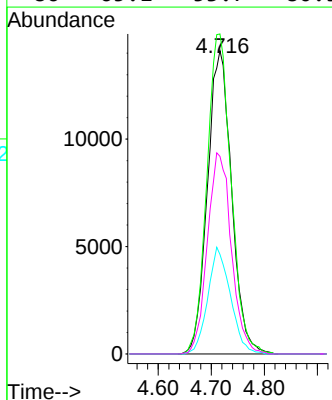
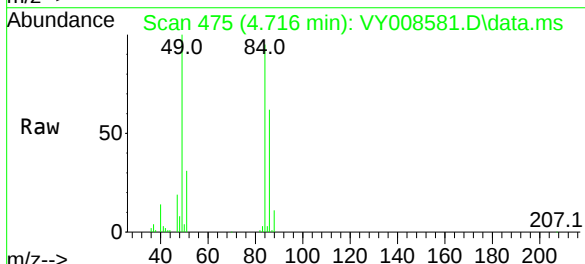
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

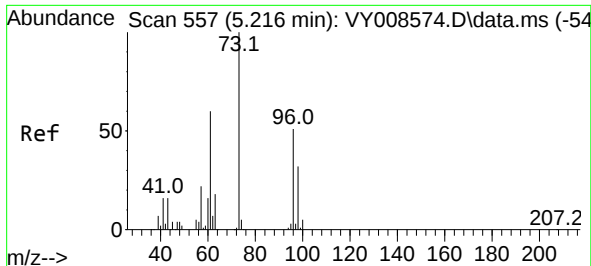
Tgt Ion: 73 Resp: 91671
Ion Ratio Lower Upper
73 100
57 18.7 18.6 27.8



#20
Methylene Chloride
Concen: 22.385 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion: 84 Resp: 44712
Ion Ratio Lower Upper
84 100
49 105.5 114.4 171.6#
51 32.8 35.3 52.9#
86 65.1 53.7 80.5

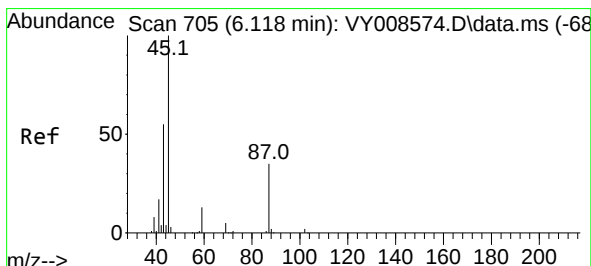
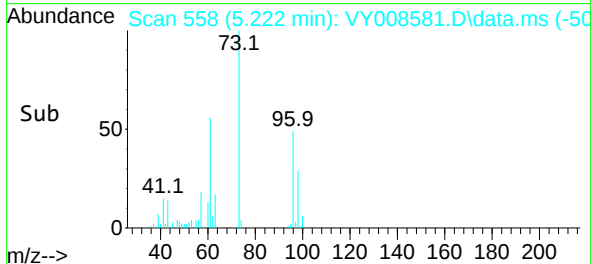
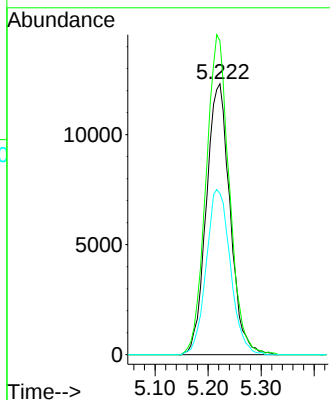
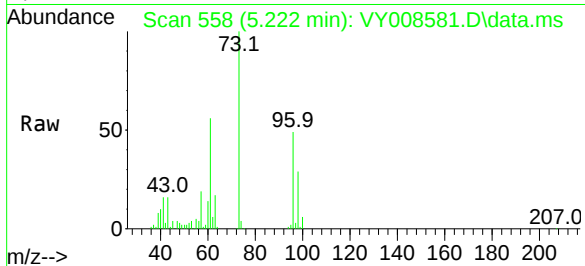




#21
trans-1,2-Dichloroethene
Concen: 23.029 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

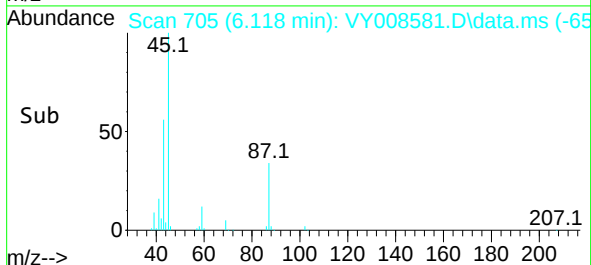
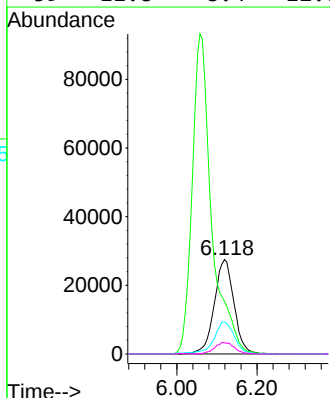
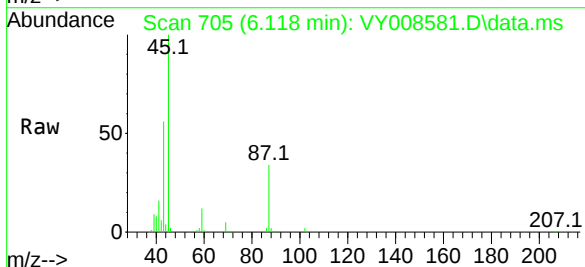
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

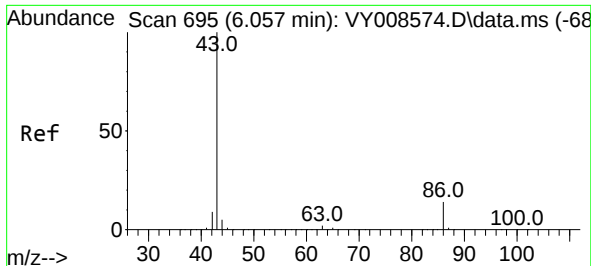
Tgt Ion: 96 Resp: 38337
Ion Ratio Lower Upper
96 100
61 115.8 120.5 180.7#
98 59.5 49.8 74.8



#22
Diisopropyl ether
Concen: 23.152 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion: 45 Resp: 93771
Ion Ratio Lower Upper
45 100
43 55.2 49.3 73.9
87 34.0 19.2 28.8#
59 11.8 8.4 12.6

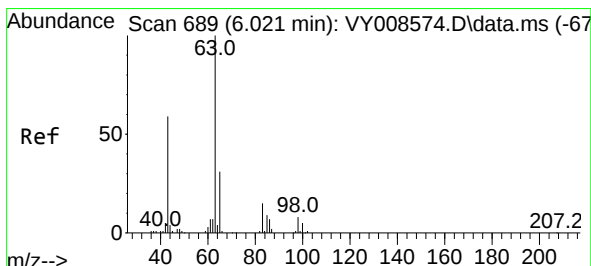
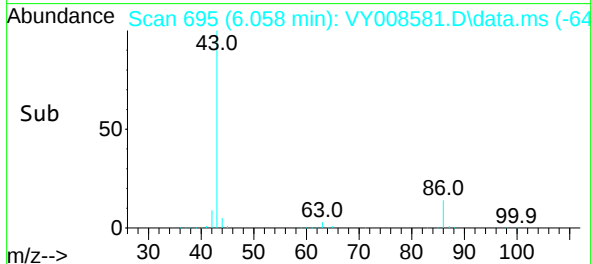
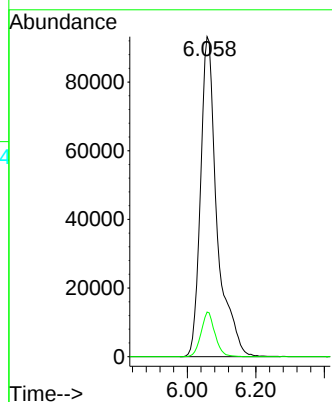
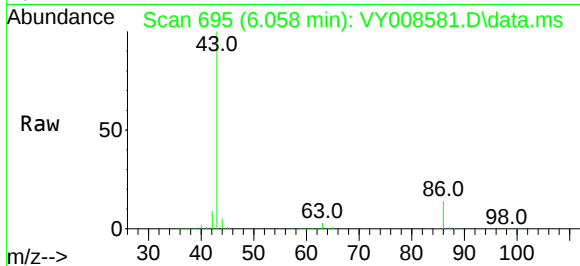




#23
 Vinyl Acetate
 Concen: 118.245 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008581.D
 Acq: 03 May 2022 11:01

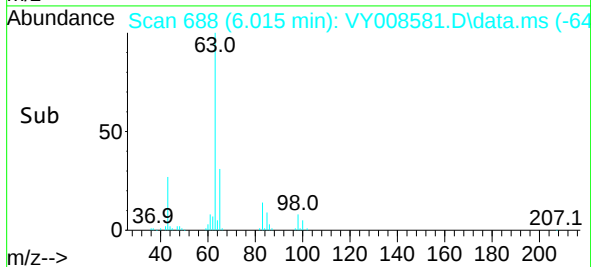
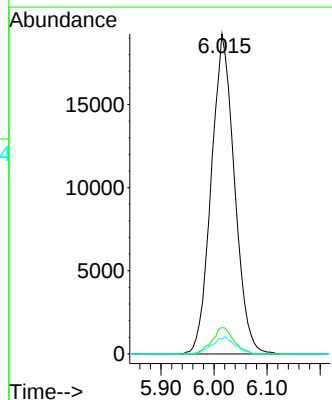
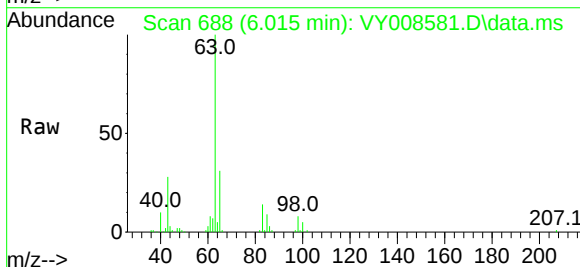
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0503SBS01

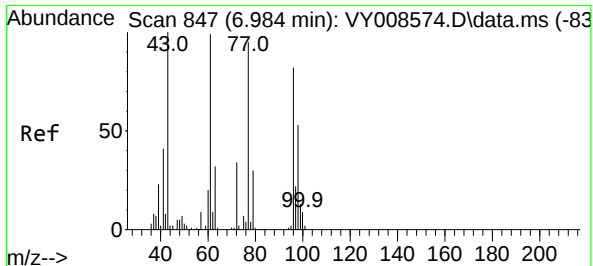
Tgt Ion: 43 Resp: 312753
 Ion Ratio Lower Upper
 43 100
 86 14.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 22.919 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008581.D
 Acq: 03 May 2022 11:01

Tgt Ion: 63 Resp: 58515
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.8
 100 4.7 2.0 5.8





#25

2-Butanone

Concen: 121.026 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

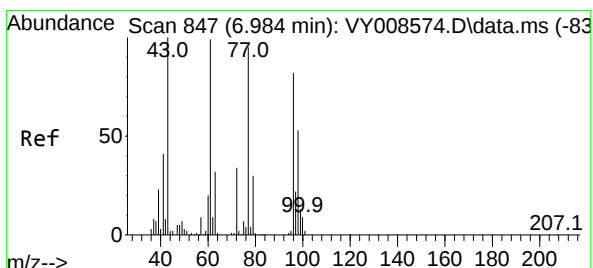
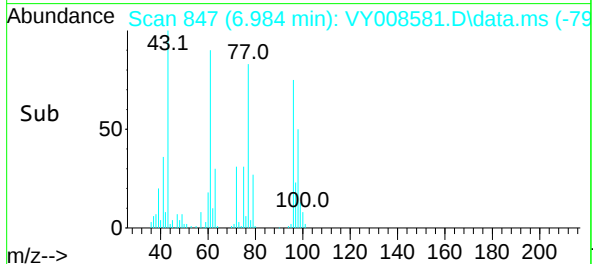
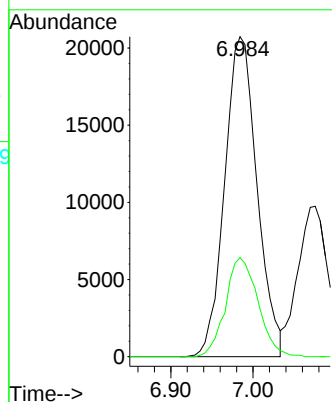
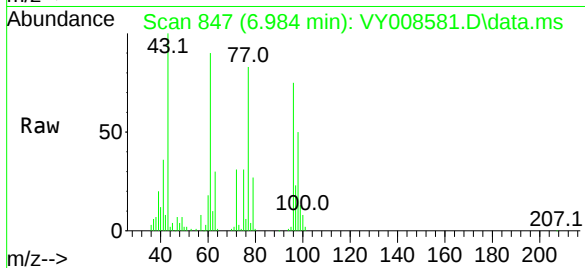
VY0503SBS01

Tgt Ion: 43 Resp: 56812

Ion Ratio Lower Upper

43 100

72 31.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 22.209 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008581.D

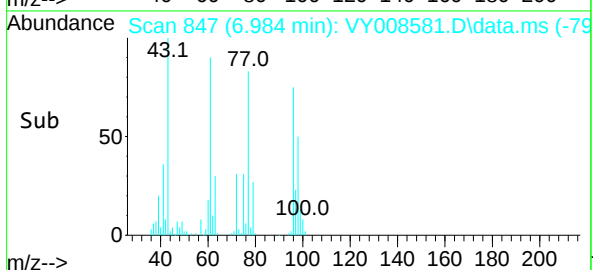
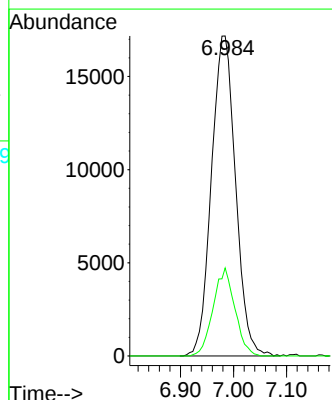
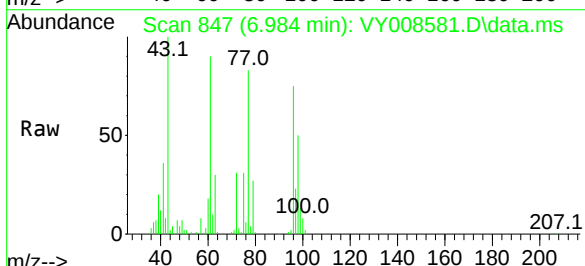
Acq: 03 May 2022 11:01

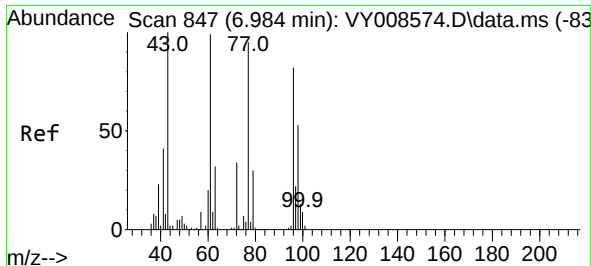
Tgt Ion: 77 Resp: 54307

Ion Ratio Lower Upper

77 100

97 24.7 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 22.560 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0503SBS01

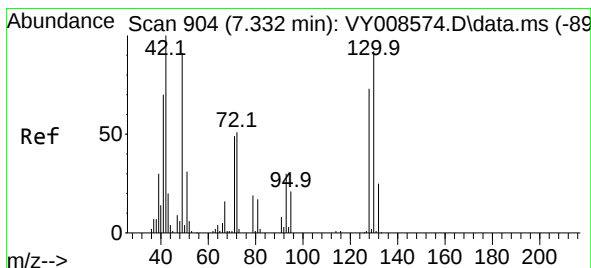
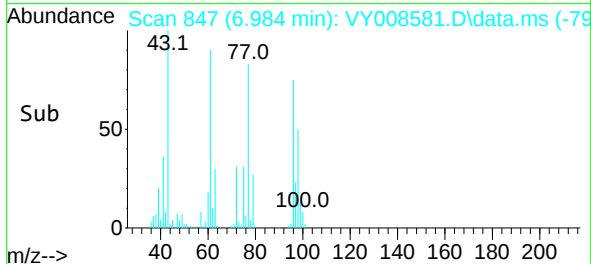
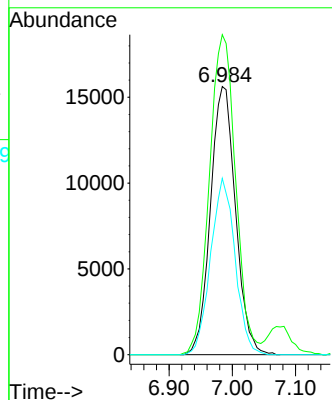
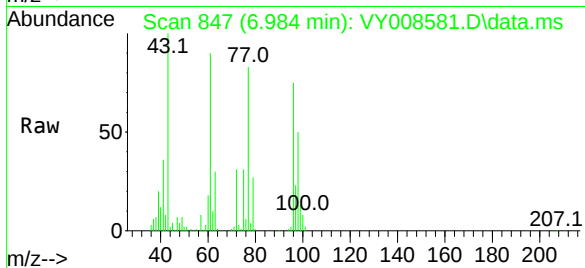
Tgt Ion: 96 Resp: 42982

Ion Ratio Lower Upper

96 100

61 124.8 0.0 319.8

98 64.2 0.0 127.0



#28

Bromochloromethane

Concen: 21.313 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

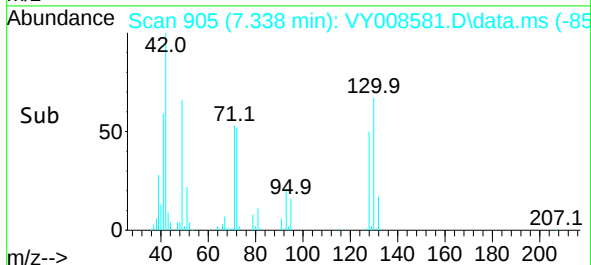
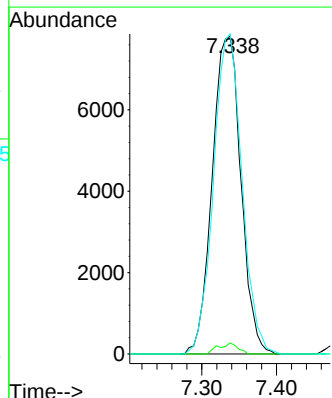
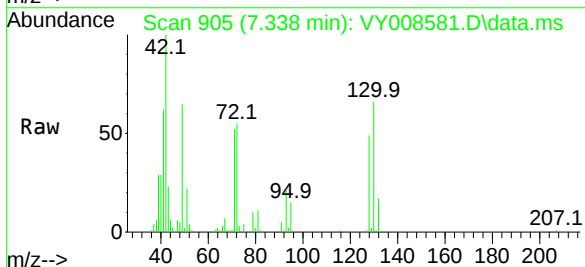
Tgt Ion: 49 Resp: 20806

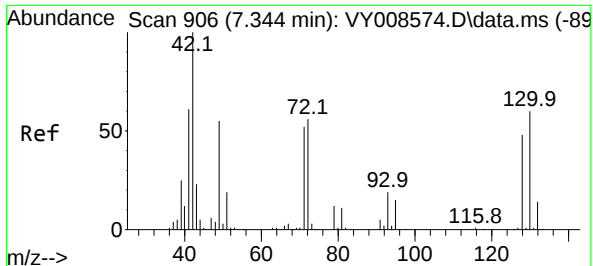
Ion Ratio Lower Upper

49 100

129 2.4 0.0 2.2#

130 100.0 55.4 83.0#





#29

Tetrahydrofuran

Concen: 121.268 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0503SBS01

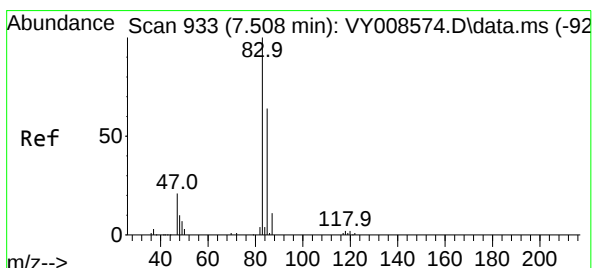
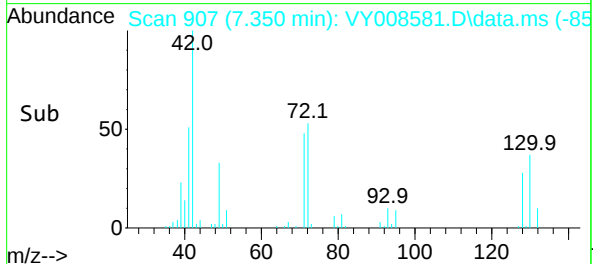
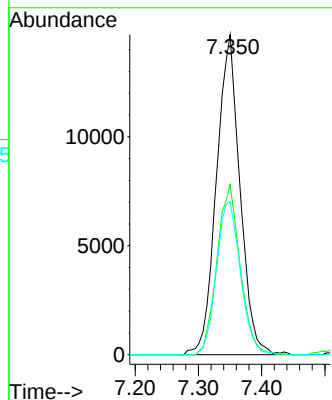
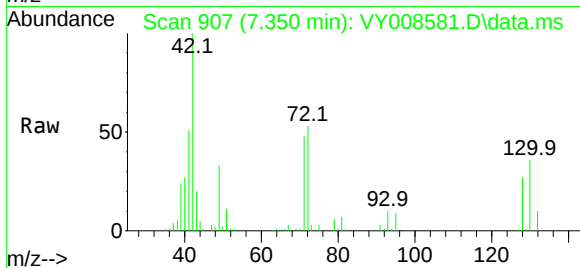
Tgt Ion: 42 Resp: 37756

Ion Ratio Lower Upper

42 100

72 52.4 30.3 45.5#

71 48.8 29.0 43.4#



#30

Chloroform

Concen: 22.349 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY008581.D

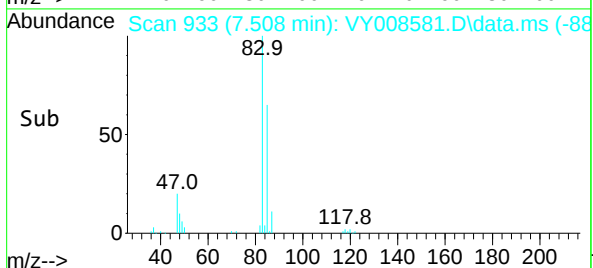
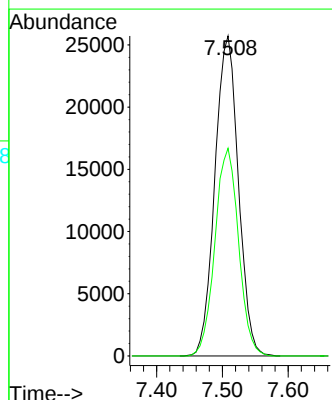
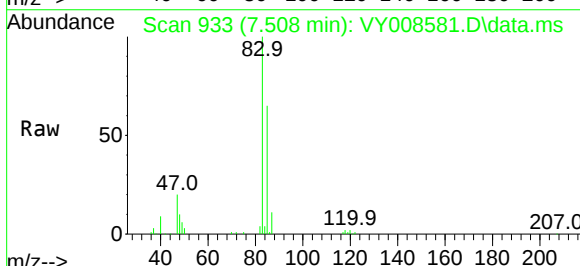
Acq: 03 May 2022 11:01

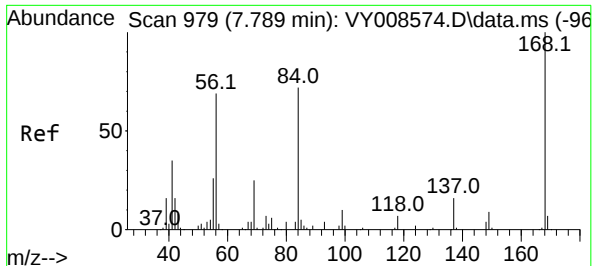
Tgt Ion: 83 Resp: 63933

Ion Ratio Lower Upper

83 100

85 64.9 51.8 77.6

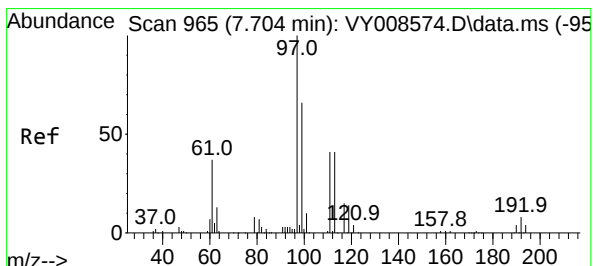
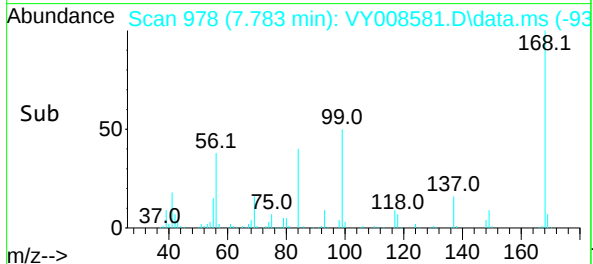
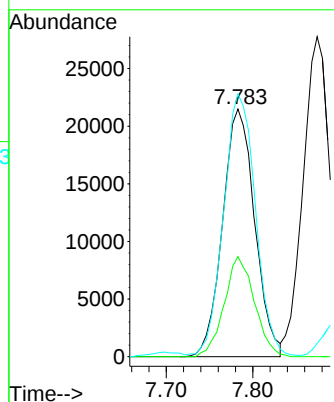
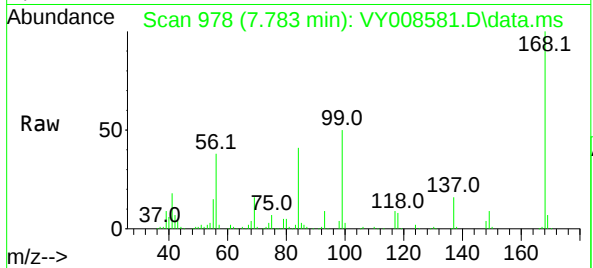




#31
Cyclohexane
Concen: 23.633 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

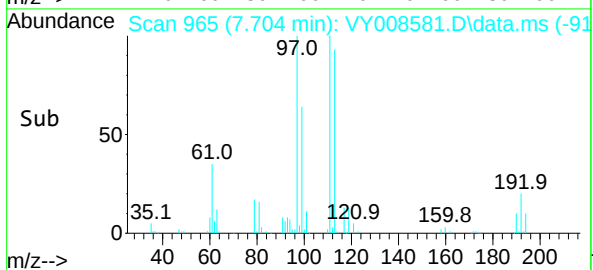
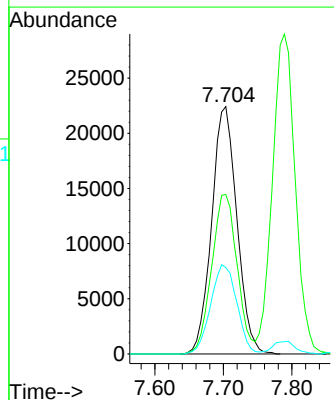
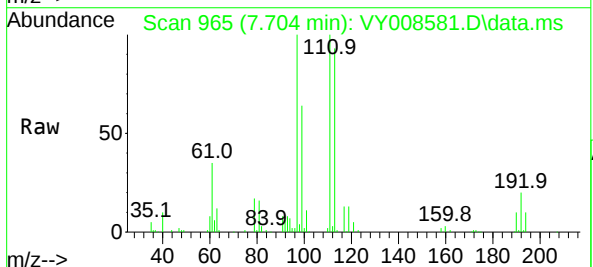
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

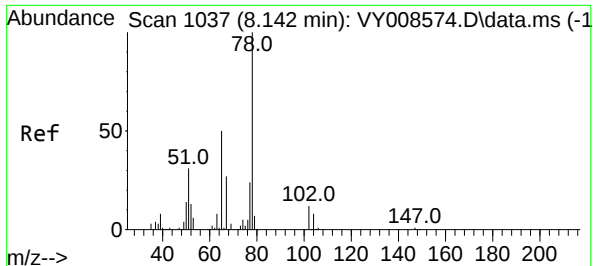
Tgt Ion: 56 Resp: 55366
Ion Ratio Lower Upper
56 100
69 40.5 26.7 40.1#
84 104.6 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 21.826 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion: 97 Resp: 57272
Ion Ratio Lower Upper
97 100
99 65.2 50.7 76.1
61 37.4 37.6 56.4#





#33

1,2-Dichloroethane-d4

Concen: 54.993 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

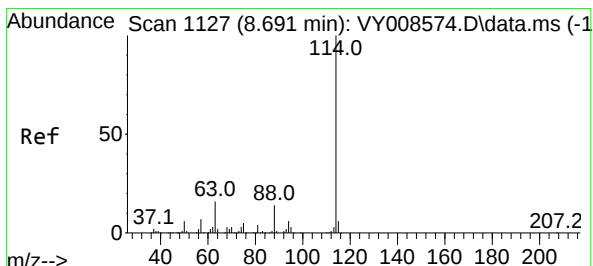
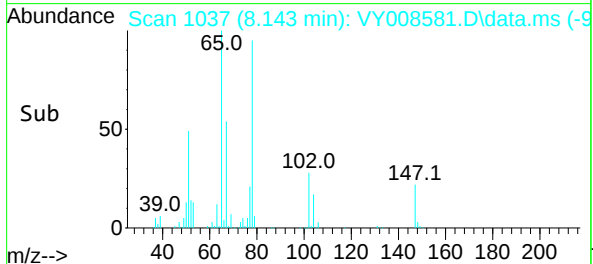
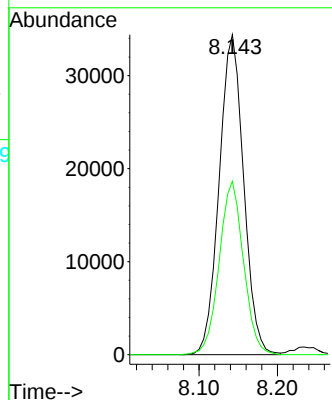
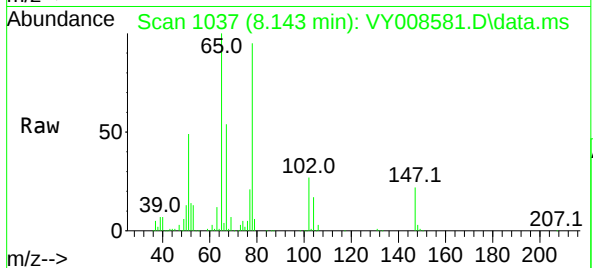
VY0503SBS01

Tgt Ion: 65 Resp: 74641

Ion Ratio Lower Upper

65 100

67 53.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

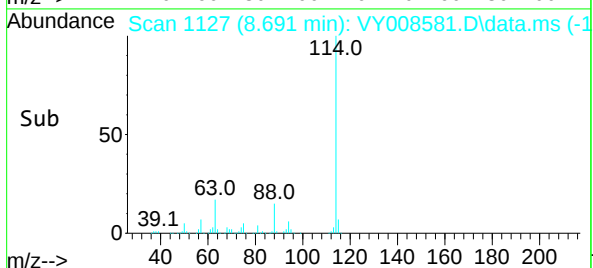
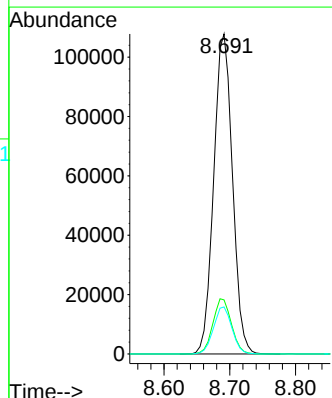
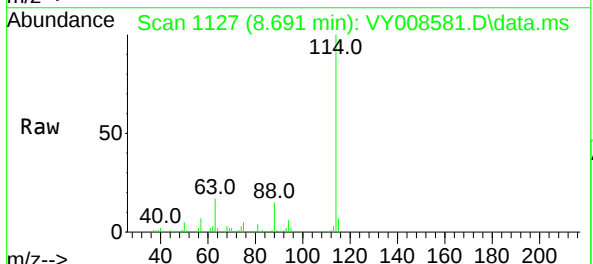
Tgt Ion: 114 Resp: 214074

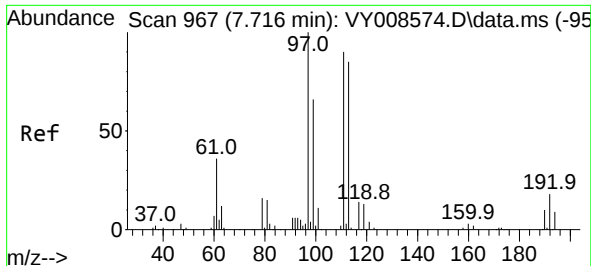
Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 14.7 0.0 31.8

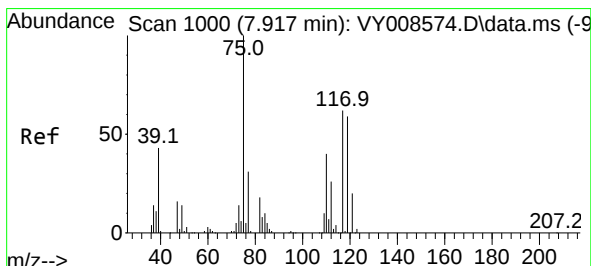
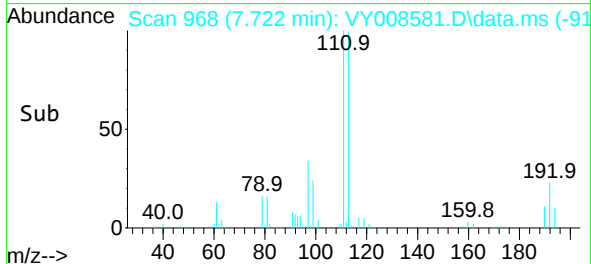
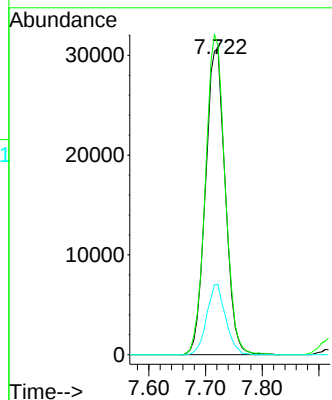
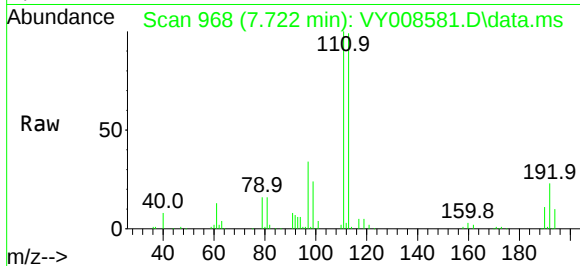




#35
Dibromofluoromethane
Concen: 52.442 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

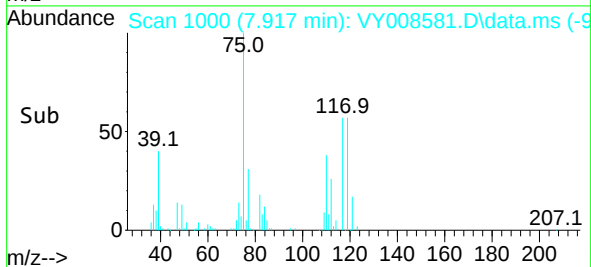
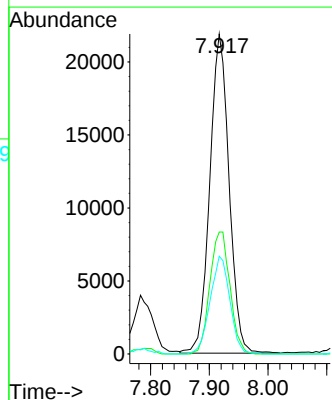
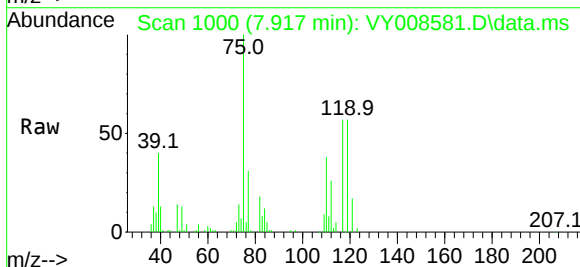
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

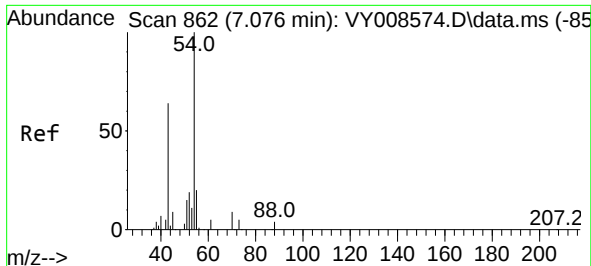
Tgt Ion:113 Resp: 74286
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 21.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 22.644 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion: 75 Resp: 49879
Ion Ratio Lower Upper
75 100
110 39.8 17.1 51.2
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 23.752 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0503SBS01

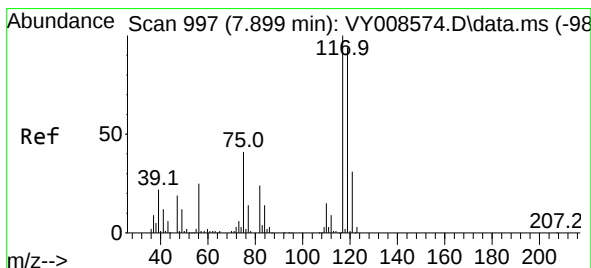
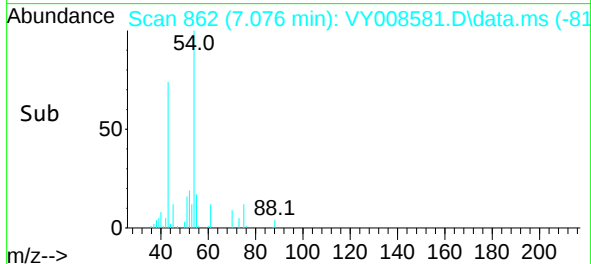
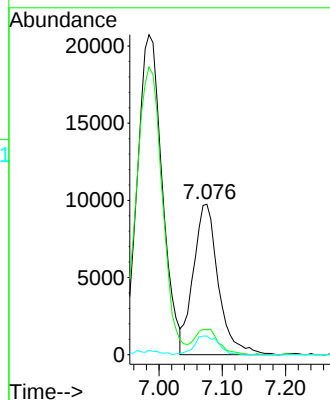
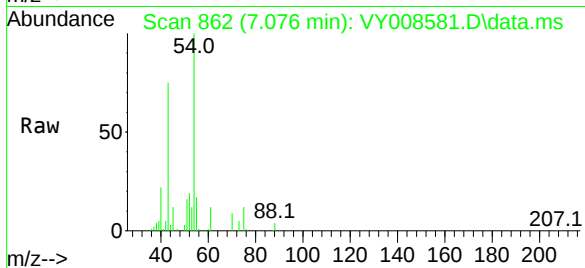
Tgt Ion: 43 Resp: 26830

Ion Ratio Lower Upper

43 100

61 16.3 9.7 14.5#

70 12.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 21.380 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

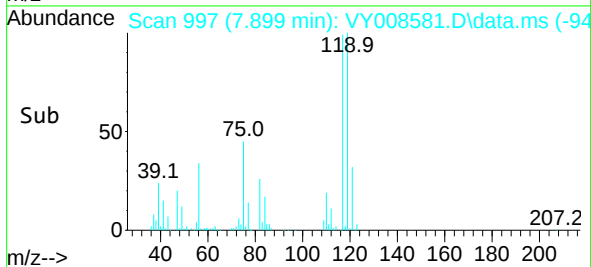
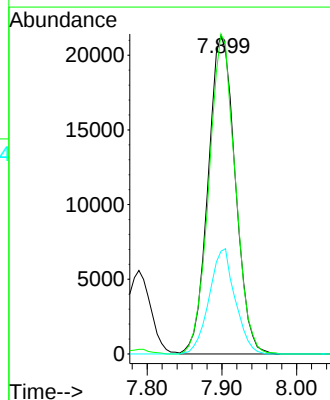
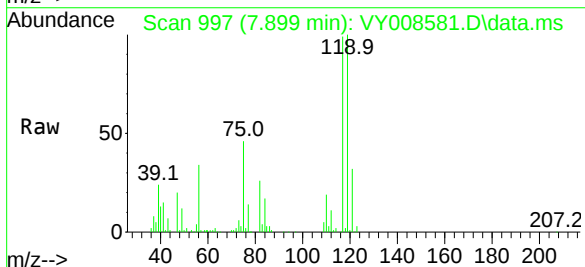
Tgt Ion: 117 Resp: 53727

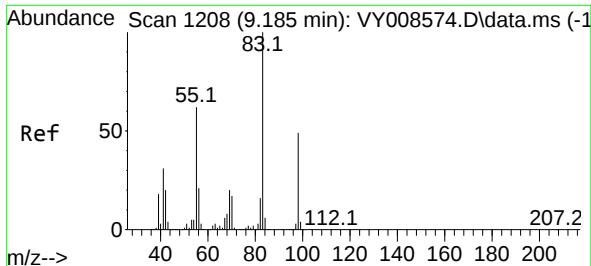
Ion Ratio Lower Upper

117 100

119 100.5 77.9 116.9

121 32.3 24.8 37.2





#39

Methylcyclohexane

Concen: 22.342 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0503SBS01

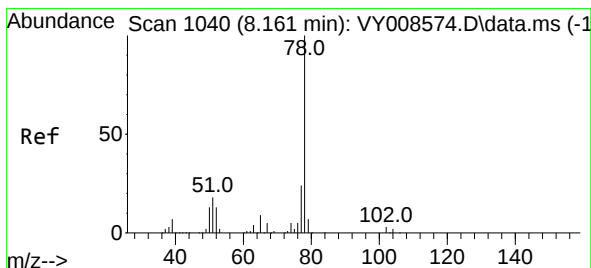
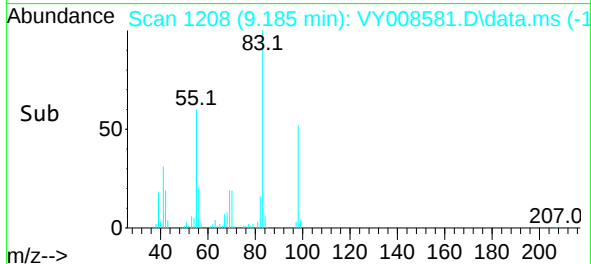
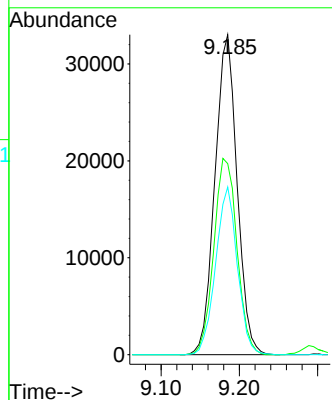
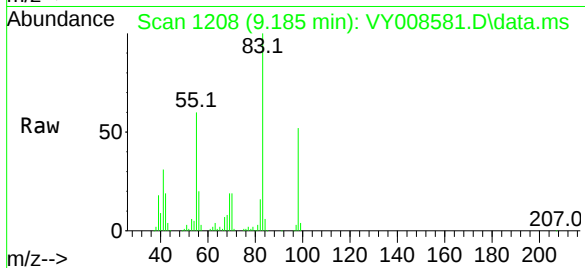
Tgt Ion: 83 Resp: 64917

Ion Ratio Lower Upper

83 100

55 59.7 66.5 99.7#

98 52.4 37.9 56.9



#40

Benzene

Concen: 22.594 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY008581.D

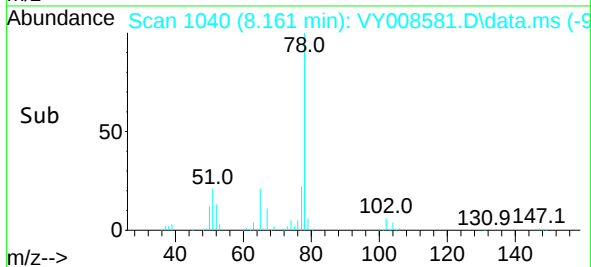
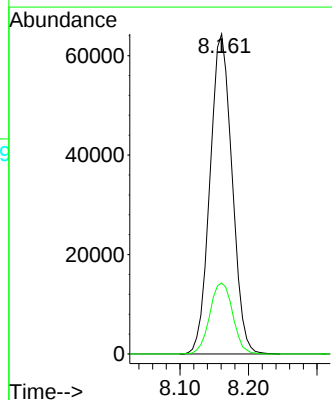
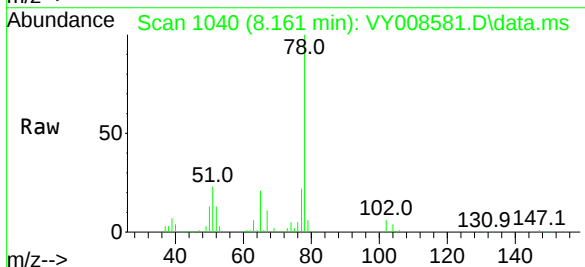
Acq: 03 May 2022 11:01

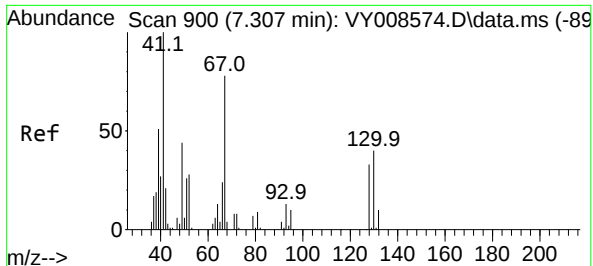
Tgt Ion: 78 Resp: 143750

Ion Ratio Lower Upper

78 100

77 22.2 20.4 30.6

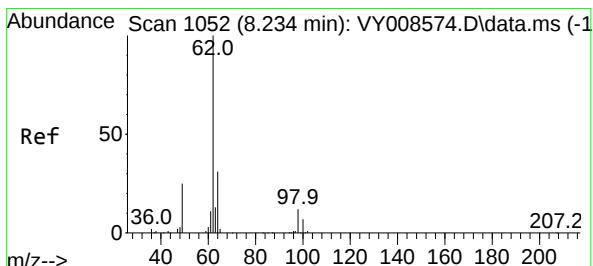
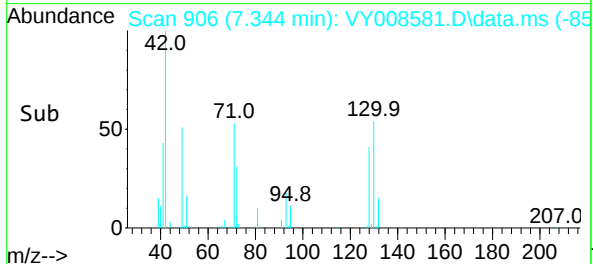
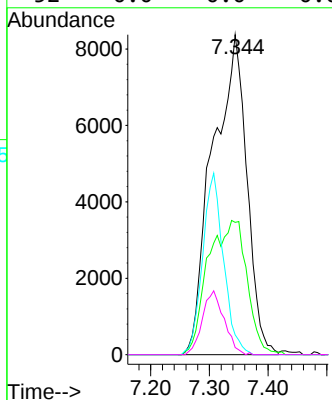
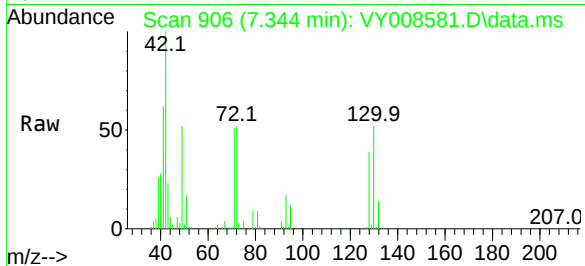




#41
Methacrylonitrile
Concen: 68.239 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

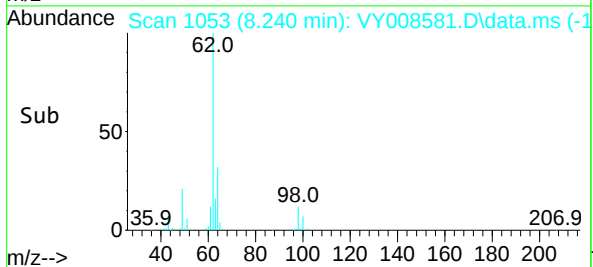
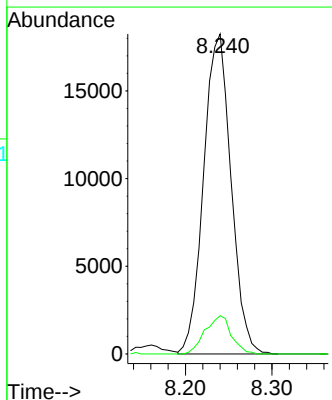
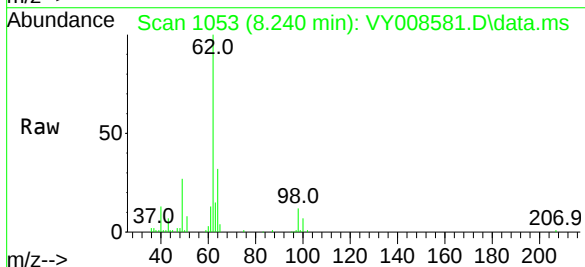
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

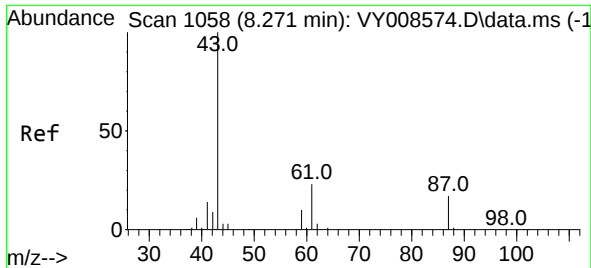
Tgt Ion: 41 Resp: 33818
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.804 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion: 62 Resp: 40153
Ion Ratio Lower Upper
62 100
98 11.4 0.0 14.8

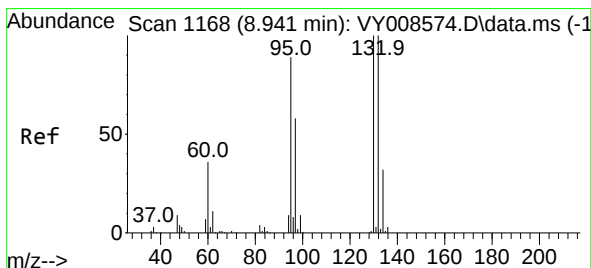
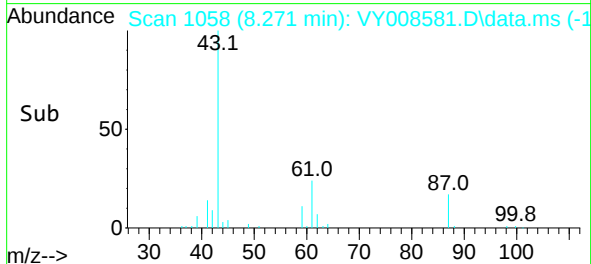
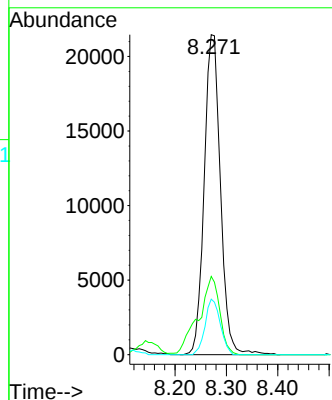
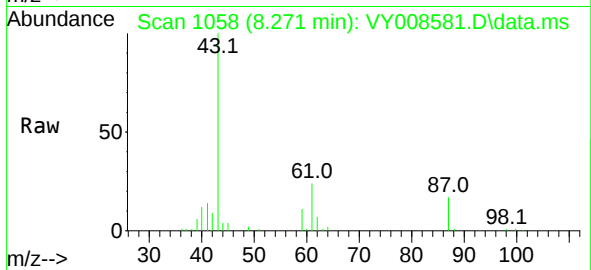




#43
Isopropyl Acetate
Concen: 22.939 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

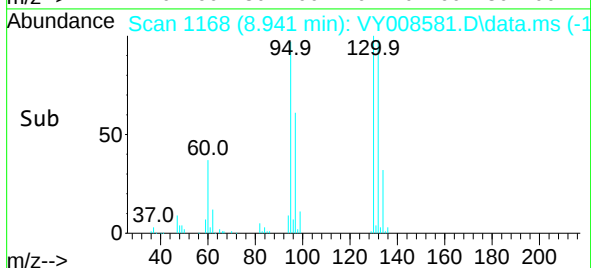
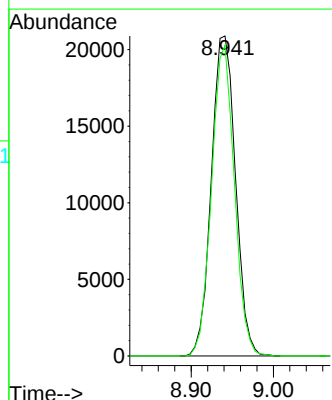
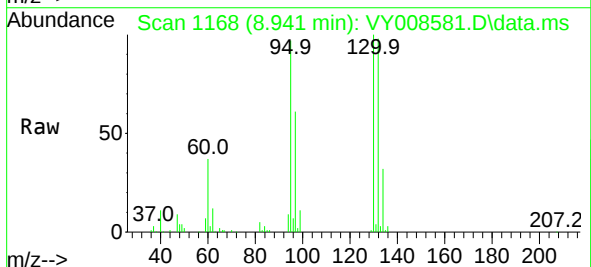
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

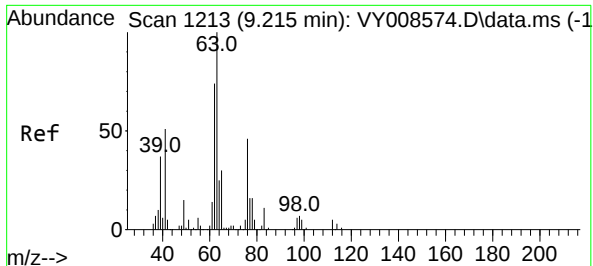
Tgt Ion: 43 Resp: 47147
Ion Ratio Lower Upper
43 100
61 31.8 20.2 30.2#
87 16.2 8.9 13.3#



#44
Trichloroethene
Concen: 21.389 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion:130 Resp: 42688
Ion Ratio Lower Upper
130 100
95 97.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 23.074 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

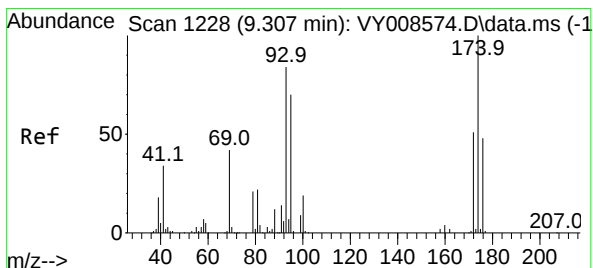
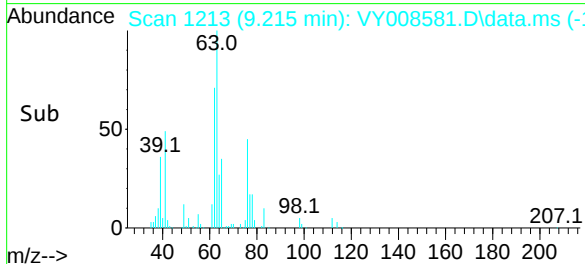
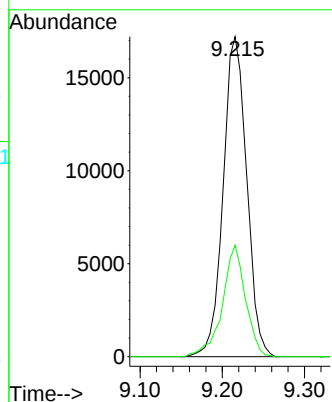
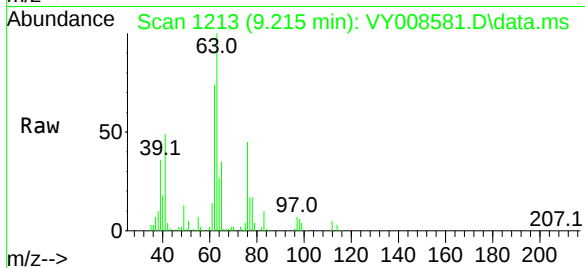
VY0503SBS01

Tgt Ion: 63 Resp: 34248

Ion Ratio Lower Upper

63 100

65 34.8 23.0 34.6#



#46

Dibromomethane

Concen: 21.889 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

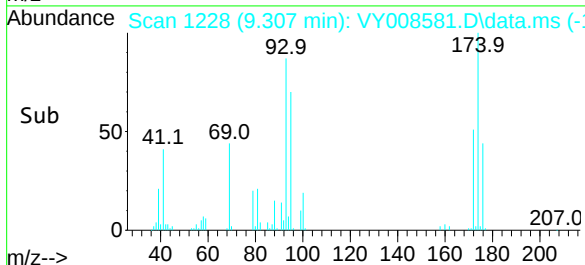
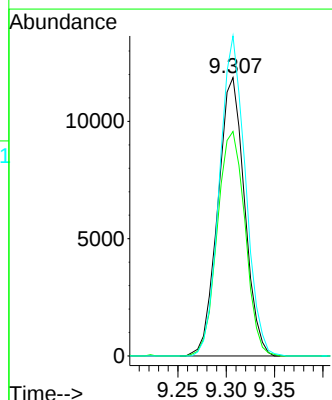
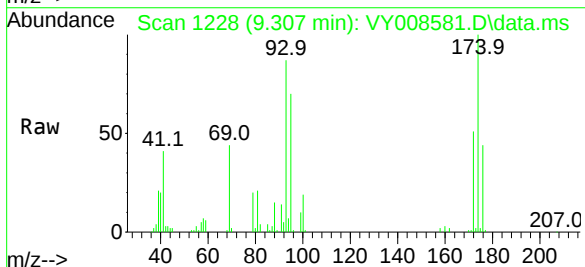
Tgt Ion: 93 Resp: 22681

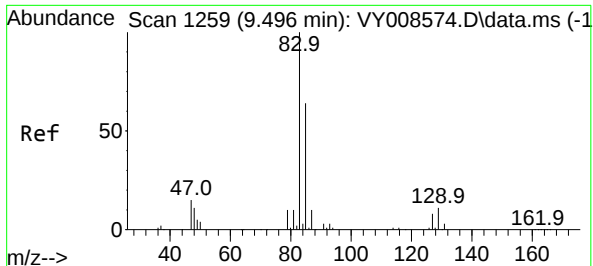
Ion Ratio Lower Upper

93 100

95 83.8 64.3 96.5

174 111.5 83.4 125.0





#47

Bromodichloromethane

Concen: 21.950 ug/l

RT: 9.496 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0503SBS01

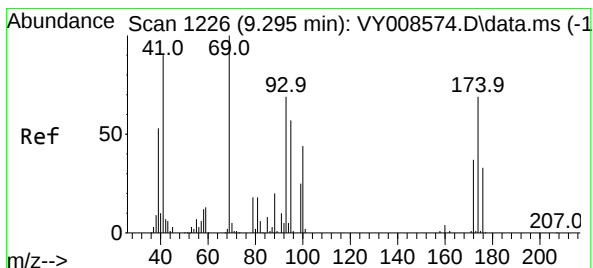
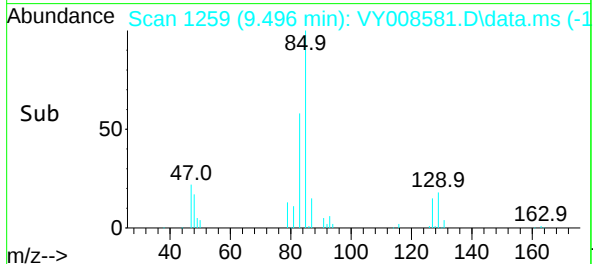
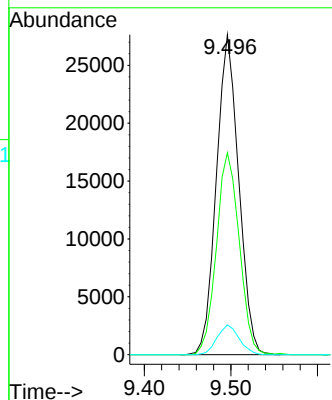
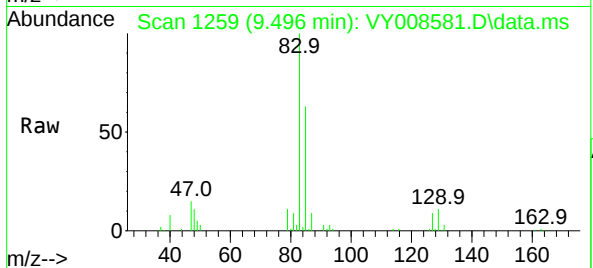
Tgt Ion: 83 Resp: 49557

Ion Ratio Lower Upper

83 100

85 63.1 51.9 77.9

127 9.3 6.6 10.0



#48

Methyl methacrylate

Concen: 22.470 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

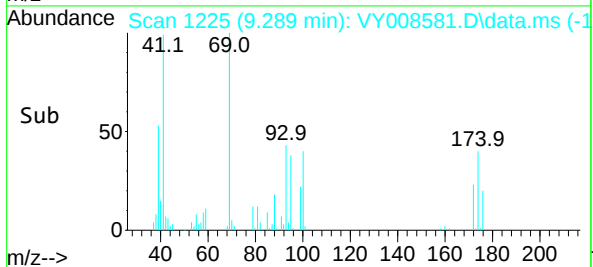
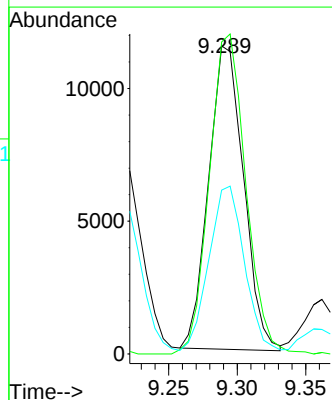
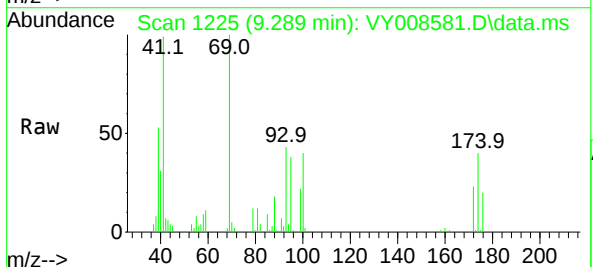
Tgt Ion: 41 Resp: 20300

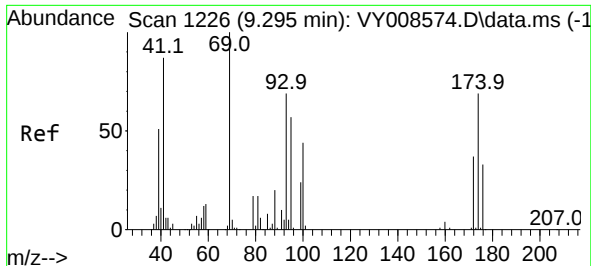
Ion Ratio Lower Upper

41 100

69 109.7 58.2 87.2#

39 56.4 47.4 71.0





#49

1,4-Dioxane

Concen: 489.576 ug/l

RT: 9.301 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0503SBS01

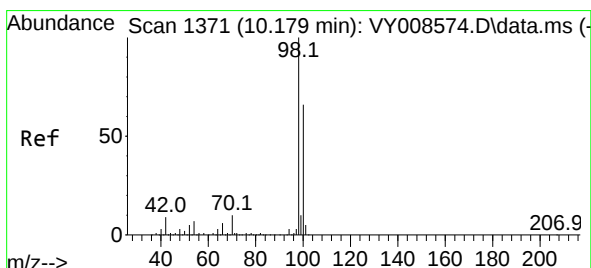
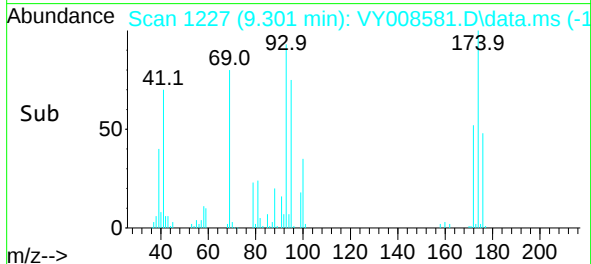
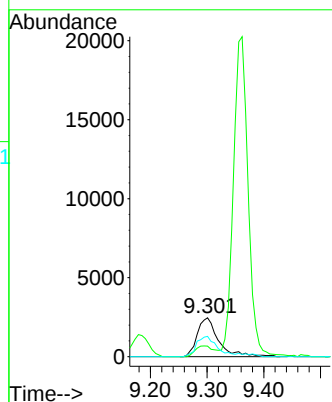
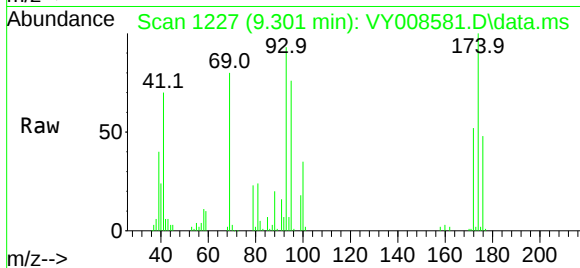
Tgt Ion: 88 Resp: 6432

Ion Ratio Lower Upper

88 100

43 24.4 32.8 49.2#

58 49.8 59.8 89.6#



#50

Toluene-d8

Concen: 53.886 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008581.D

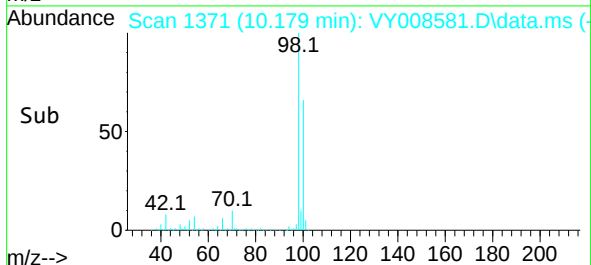
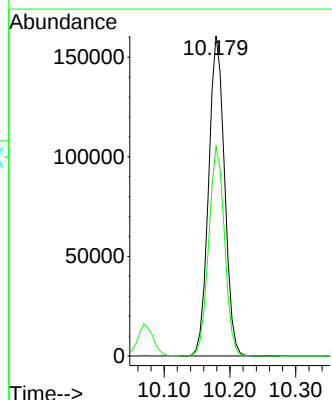
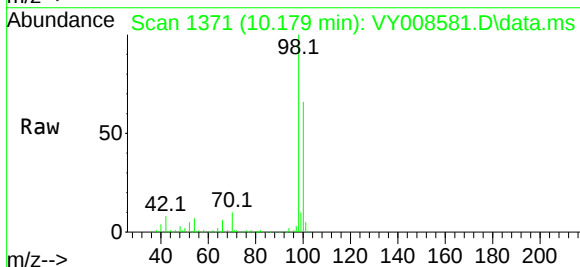
Acq: 03 May 2022 11:01

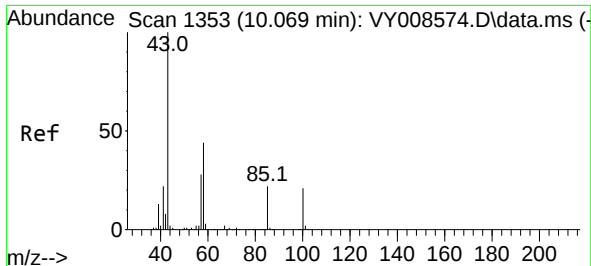
Tgt Ion: 98 Resp: 270426

Ion Ratio Lower Upper

98 100

100 65.3 50.2 75.2

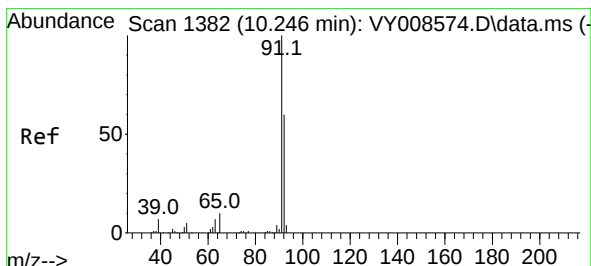
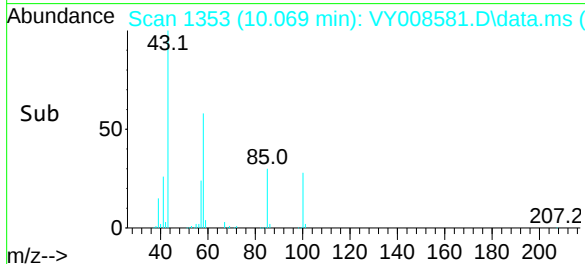
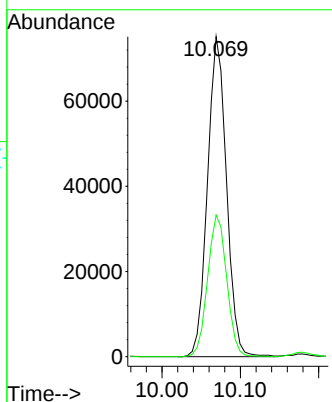
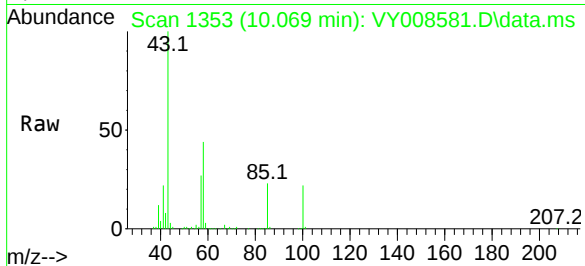




#51
4-Methyl-2-Pentanone
Concen: 117.088 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

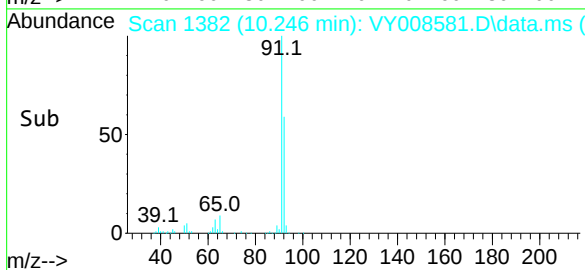
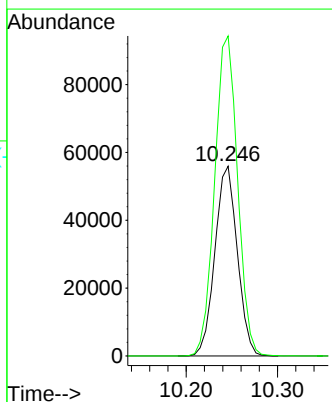
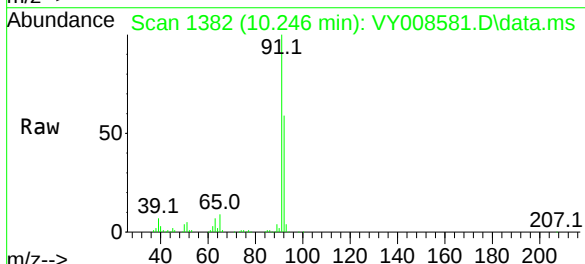
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

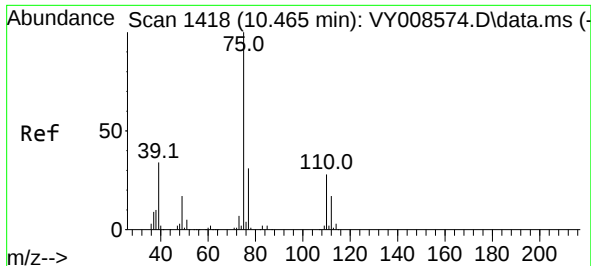
Tgt Ion: 43 Resp: 126313
Ion Ratio Lower Upper
43 100
58 44.5 28.1 42.1#



#52
Toluene
Concen: 22.406 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion: 92 Resp: 95286
Ion Ratio Lower Upper
92 100
91 172.5 142.6 213.8

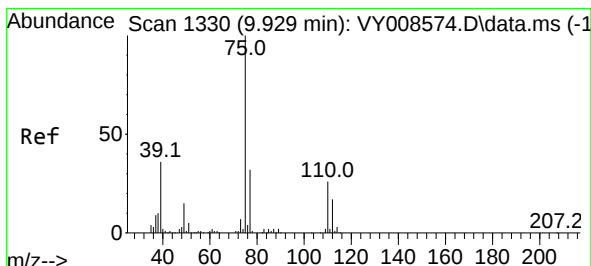
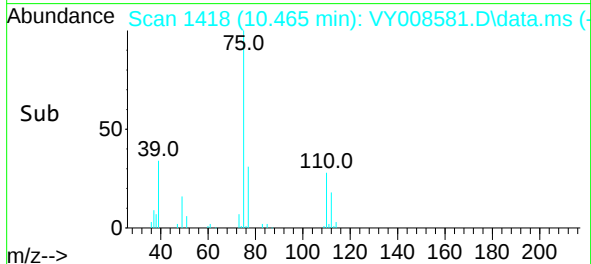
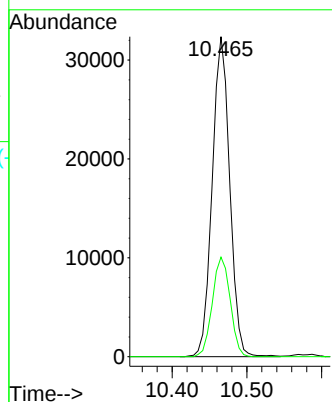
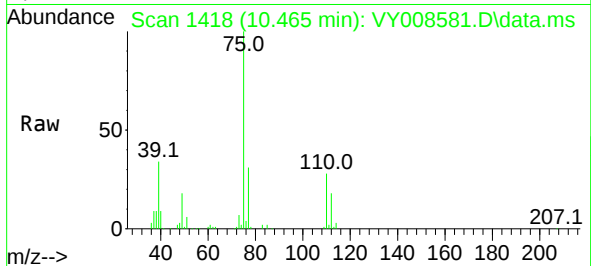




#53
t-1,3-Dichloropropene
Concen: 22.087 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

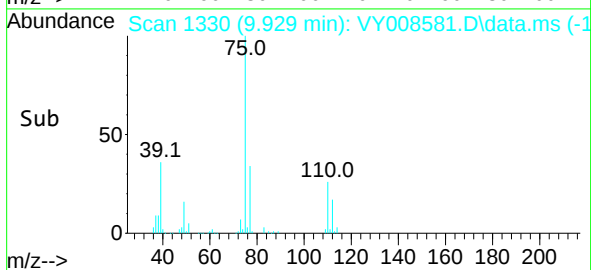
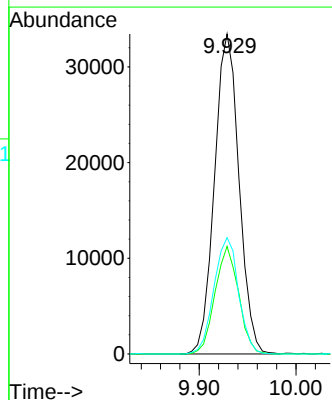
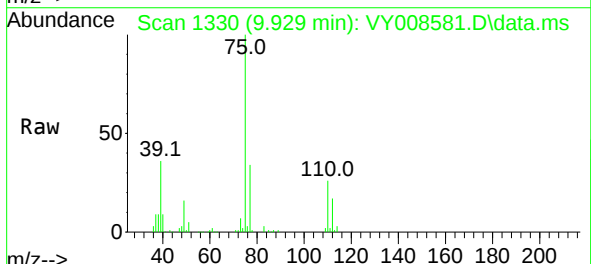
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

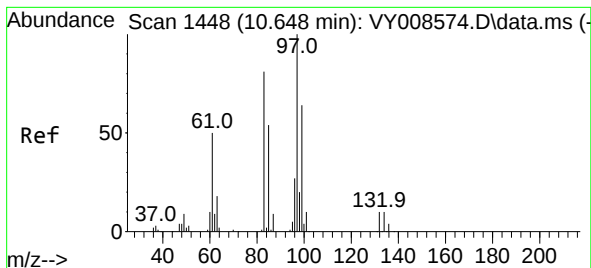
Tgt Ion: 75 Resp: 52717
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 22.162 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion: 75 Resp: 58767
Ion Ratio Lower Upper
75 100
77 33.6 25.6 38.4
39 36.4 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 22.495 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0503SBS01

Tgt Ion: 97 Resp: 32480

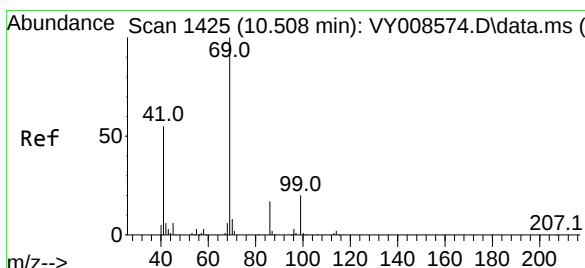
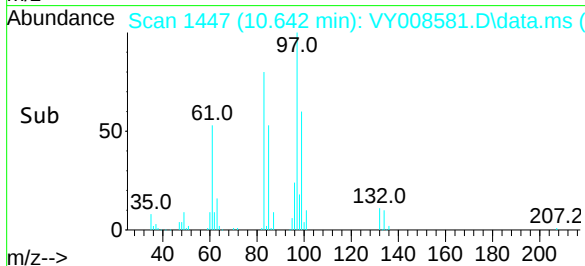
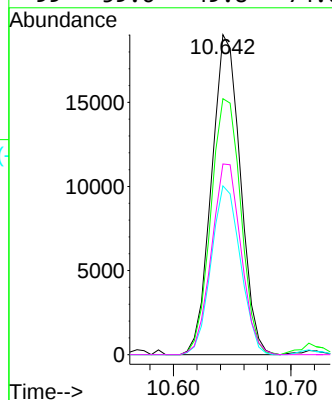
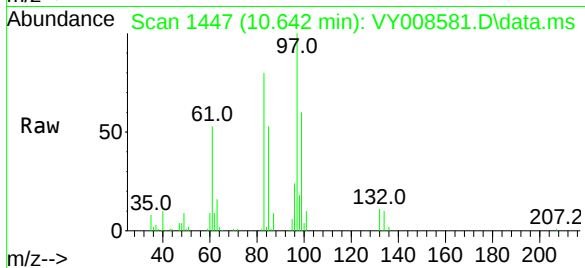
Ion Ratio Lower Upper

97 100

83 80.0 69.8 104.8

85 52.7 44.3 66.5

99 59.6 49.8 74.6



#56

Ethyl methacrylate

Concen: 22.372 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

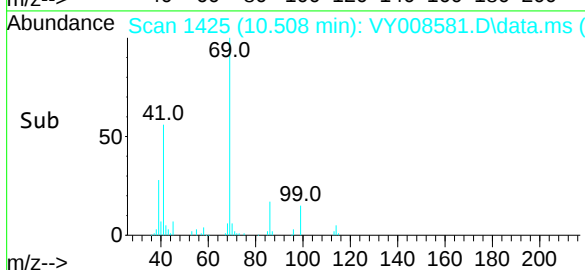
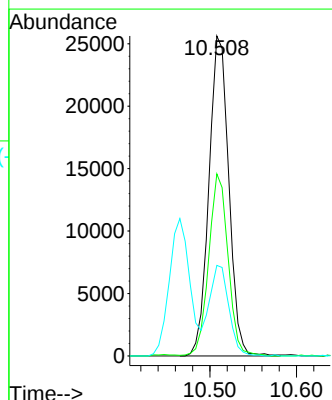
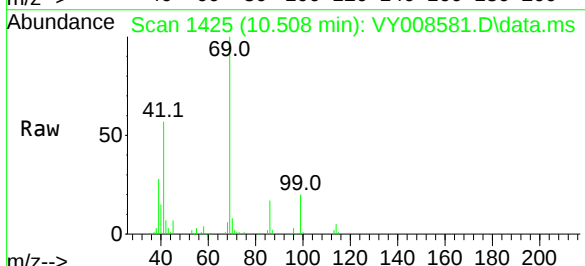
Tgt Ion: 69 Resp: 40805

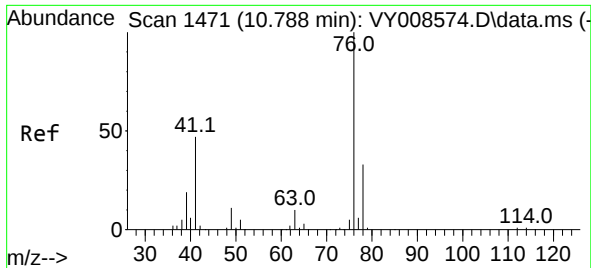
Ion Ratio Lower Upper

69 100

41 55.6 63.4 95.0#

39 27.8 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 22.375 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

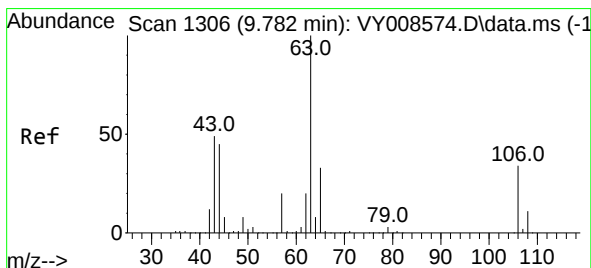
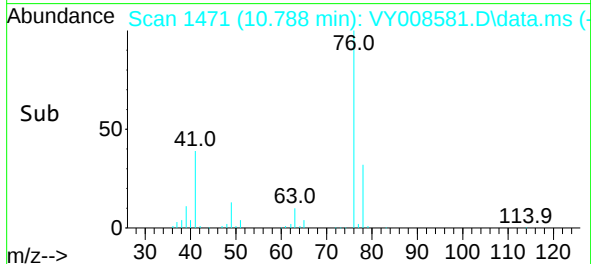
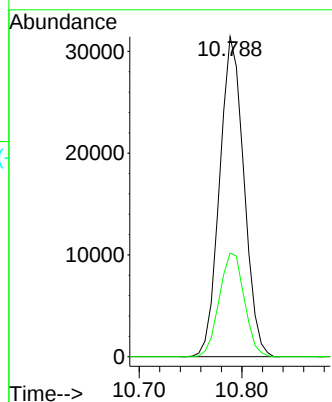
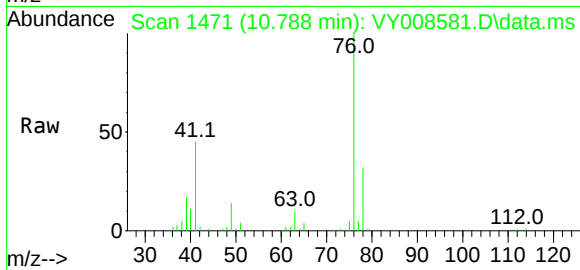
VY0503SBS01

Tgt Ion: 76 Resp: 51573

Ion Ratio Lower Upper

76 100

78 33.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 106.383 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008581.D

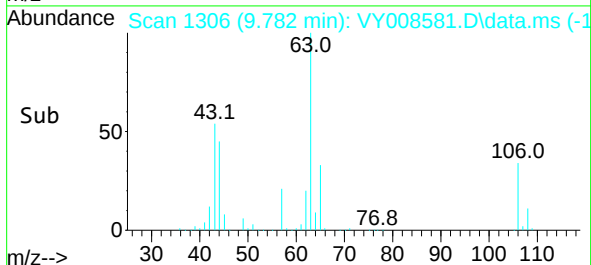
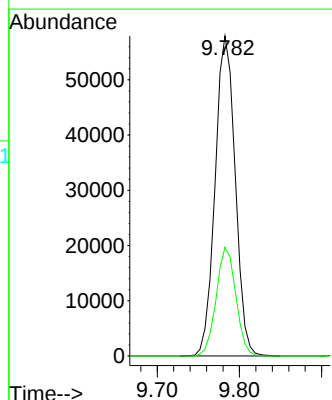
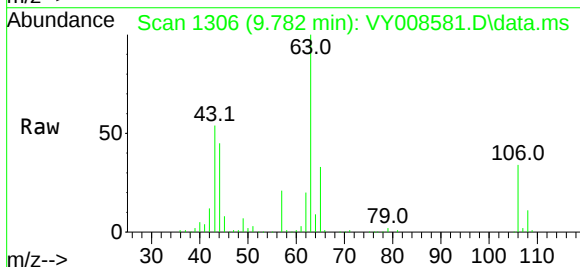
Acq: 03 May 2022 11:01

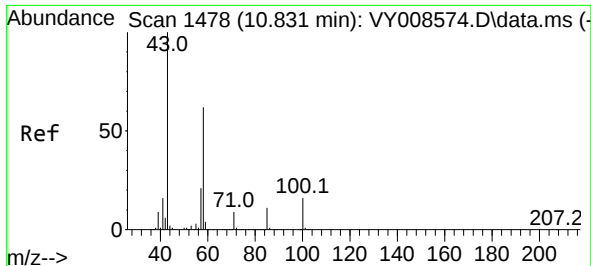
Tgt Ion: 63 Resp: 98485

Ion Ratio Lower Upper

63 100

106 33.2 21.5 32.3#

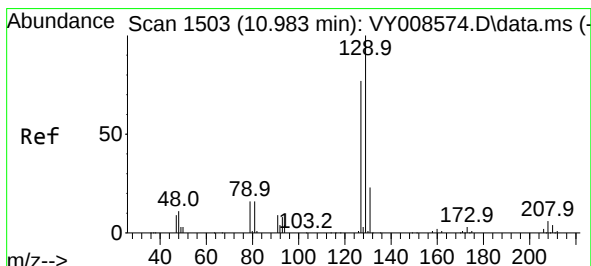
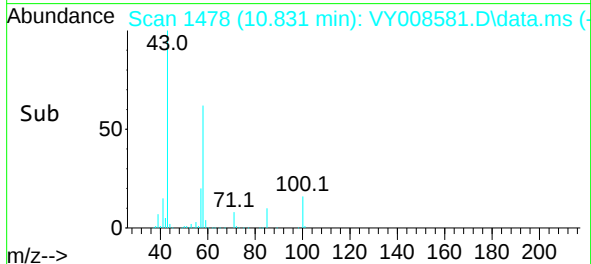
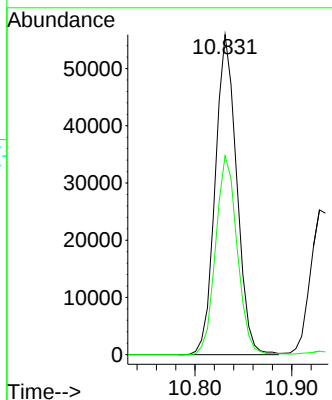
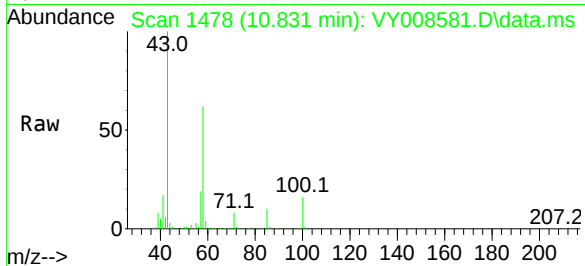




#59
2-Hexanone
Concen: 117.267 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

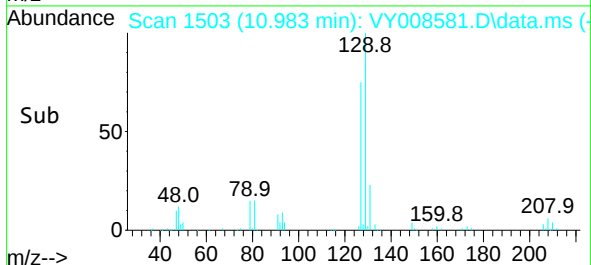
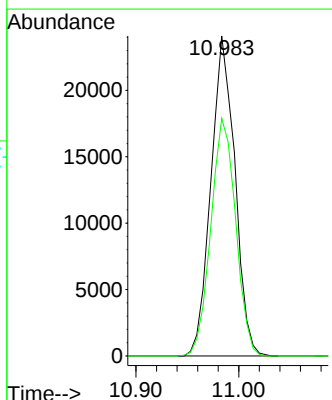
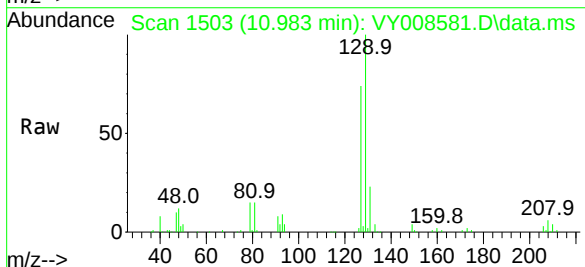
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

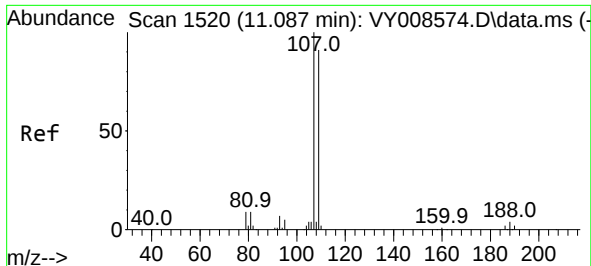
Tgt Ion: 43 Resp: 86152
Ion Ratio Lower Upper
43 100
58 62.2 24.4 73.4



#60
Dibromochloromethane
Concen: 21.573 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion: 129 Resp: 38963
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

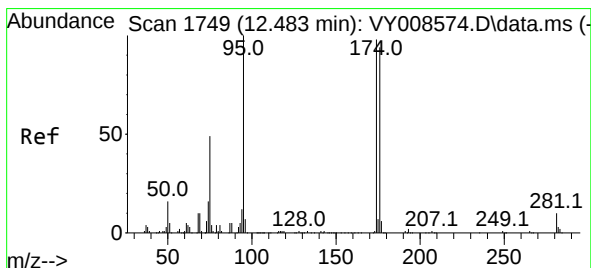
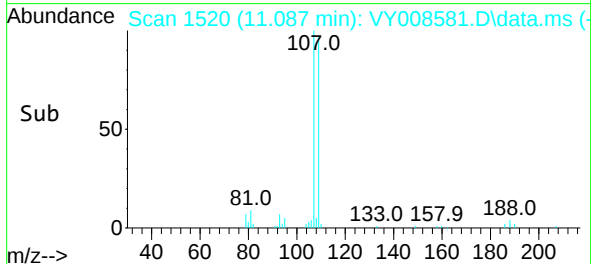
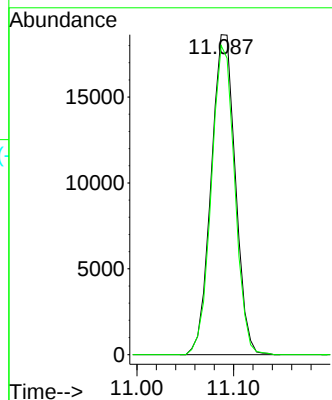
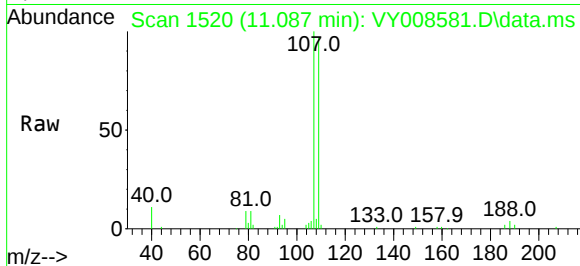




#61
1,2-Dibromoethane
Concen: 22.193 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

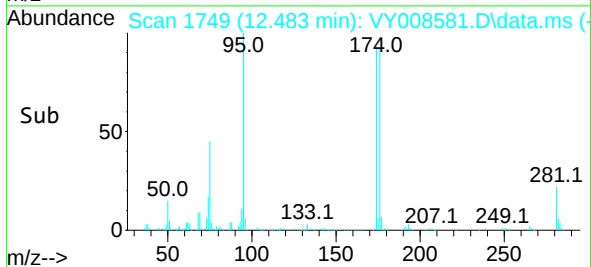
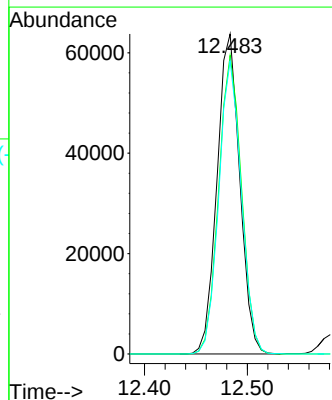
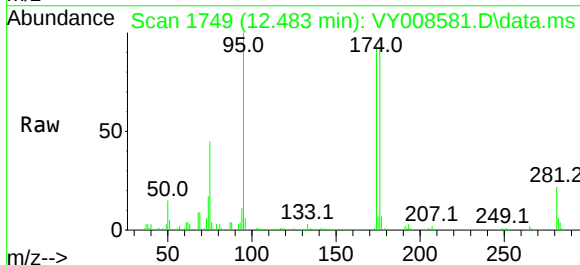
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

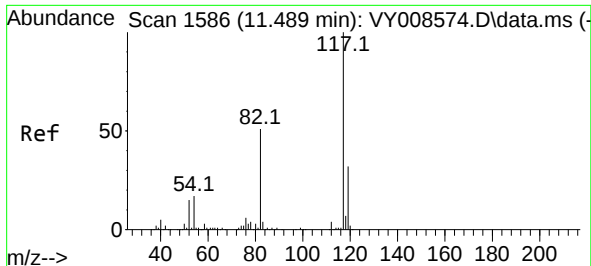
Tgt Ion:107 Resp: 32431
Ion Ratio Lower Upper
107 100
109 93.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 53.108 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion: 95 Resp: 97687
Ion Ratio Lower Upper
95 100
174 93.5 0.0 177.0
176 90.7 0.0 175.8

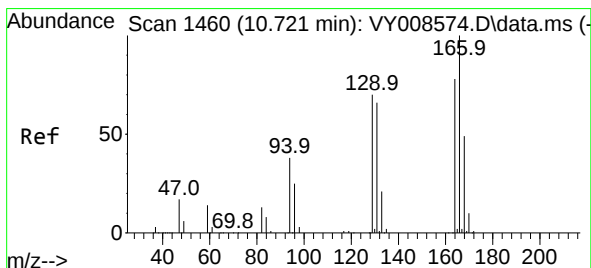
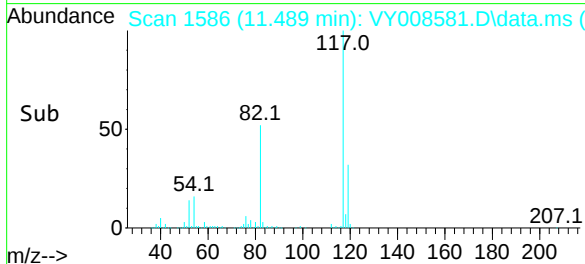
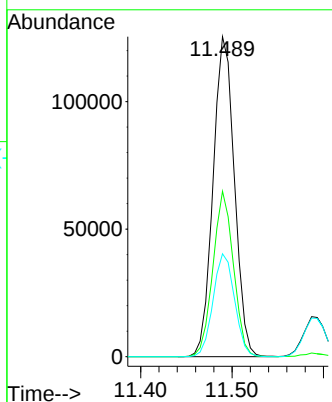
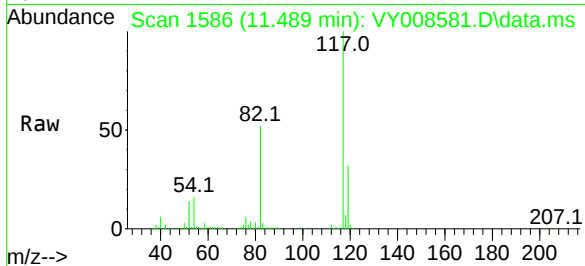




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

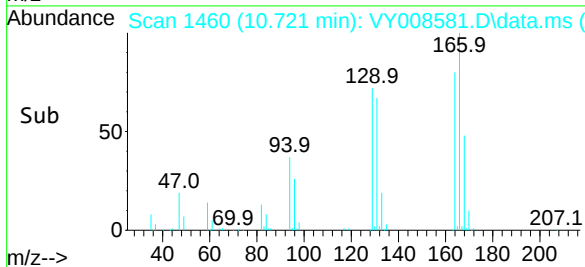
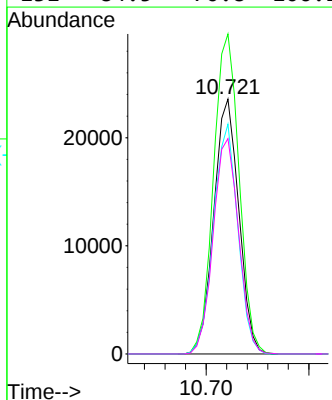
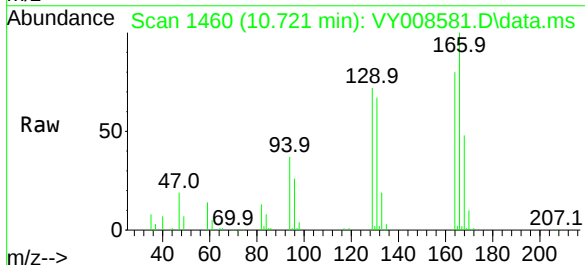
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

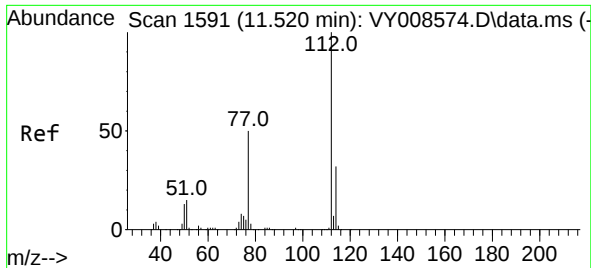
Tgt Ion:117 Resp: 203424
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 21.467 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion:164 Resp: 39836
Ion Ratio Lower Upper
164 100
166 125.6 100.4 150.6
129 90.1 71.4 107.0
131 84.5 70.8 106.2

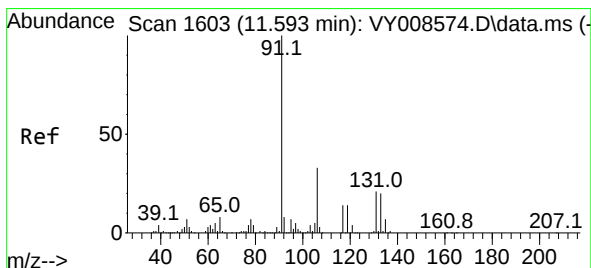
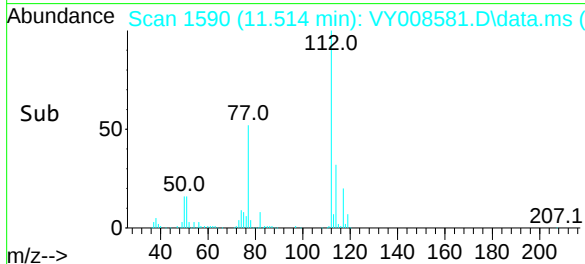
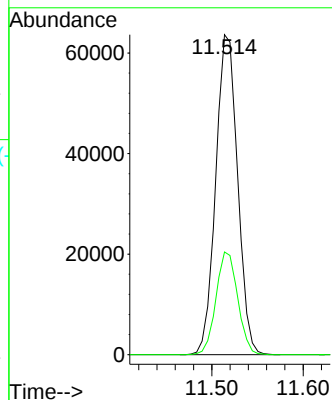
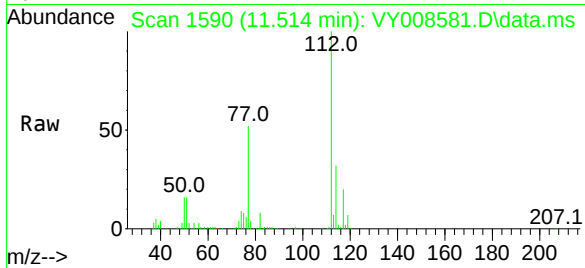




#65
Chlorobenzene
Concen: 21.638 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

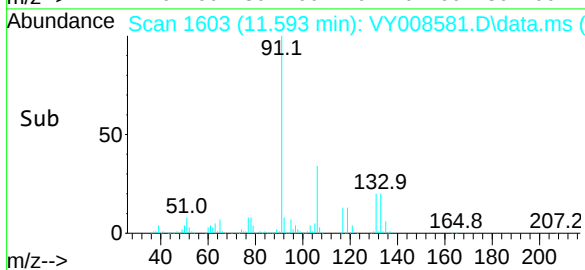
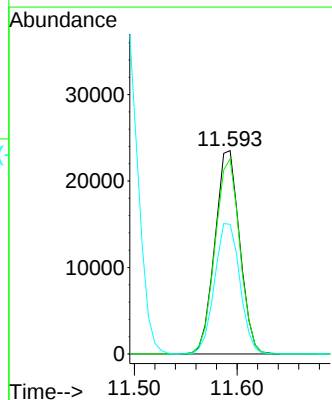
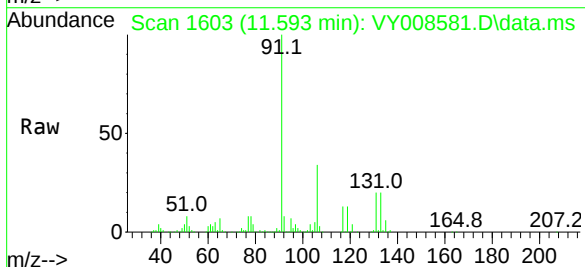
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

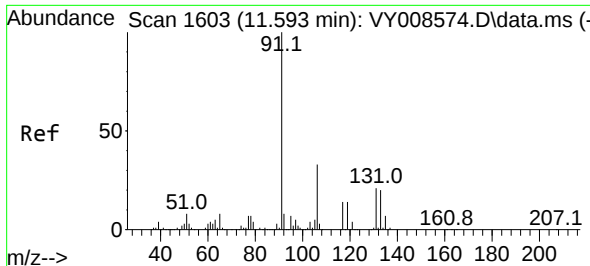
Tgt Ion:112 Resp: 106028
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.296 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion:131 Resp: 39396
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 65.5 30.8 92.3

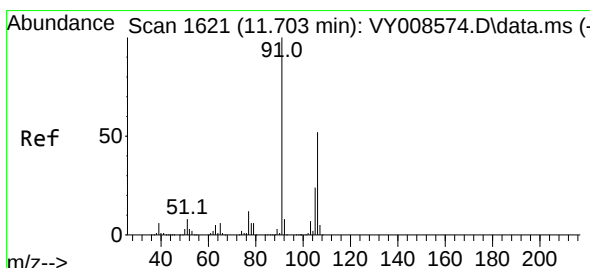
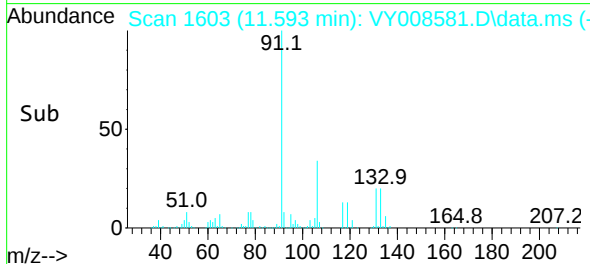
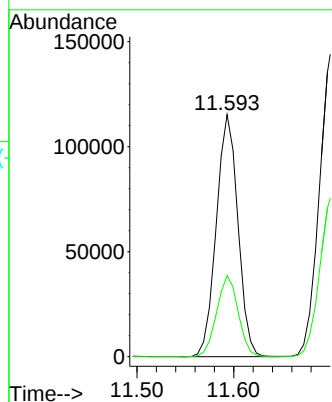
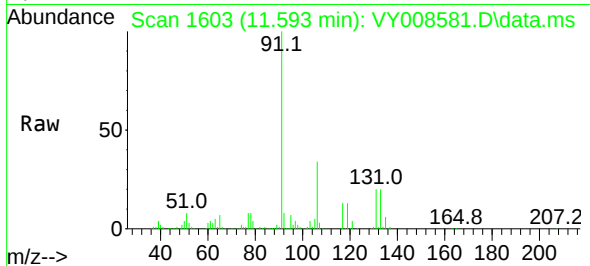




#67
Ethyl Benzene
Concen: 21.639 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

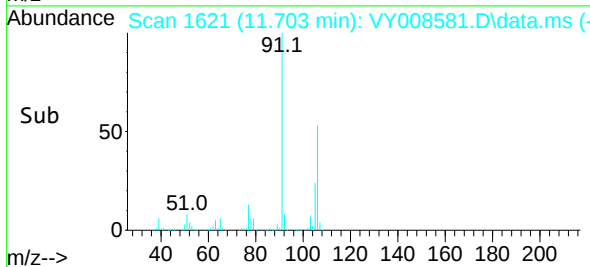
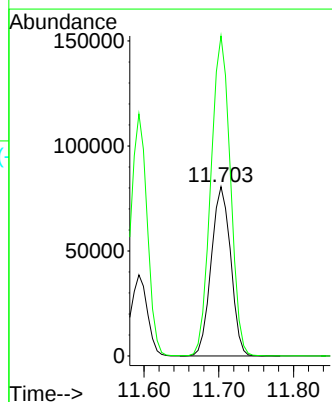
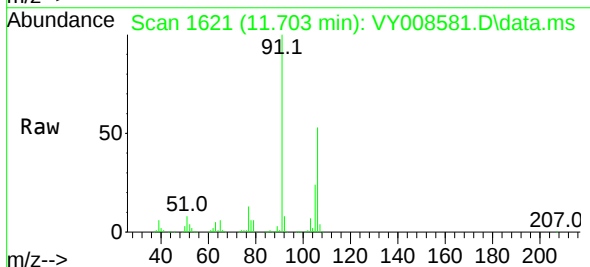
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

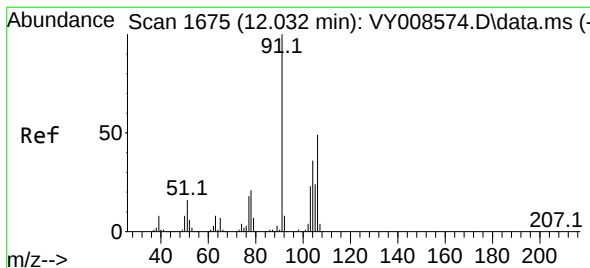
Tgt Ion: 91 Resp: 178385
Ion Ratio Lower Upper
91 100
106 33.5 24.5 36.7



#68
m/p-Xylenes
Concen: 43.316 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion:106 Resp: 145867
Ion Ratio Lower Upper
106 100
91 189.3 166.6 249.8

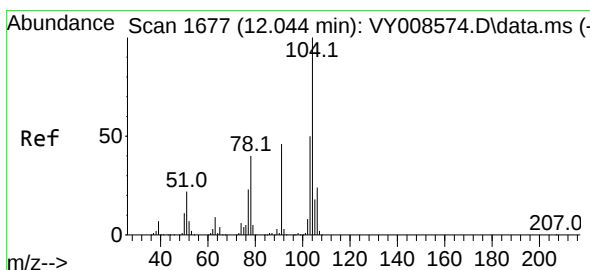
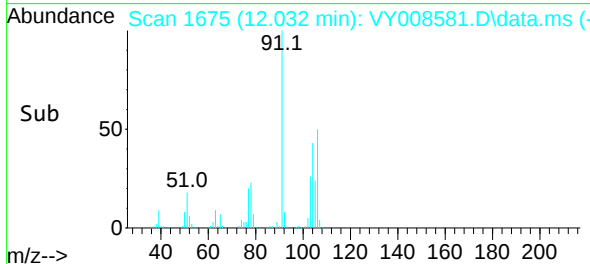
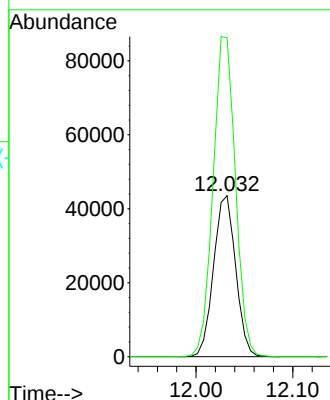
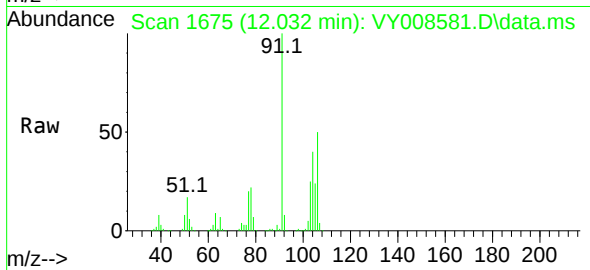




#69
o-Xylene
Concen: 21.354 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

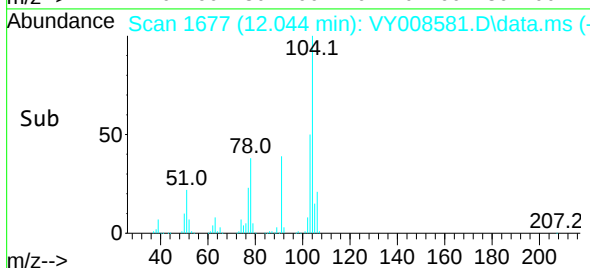
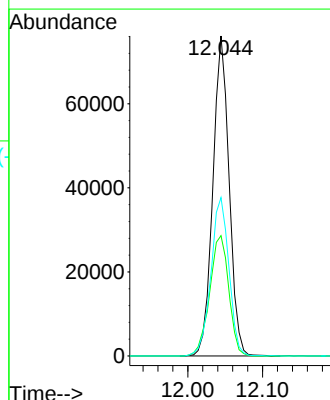
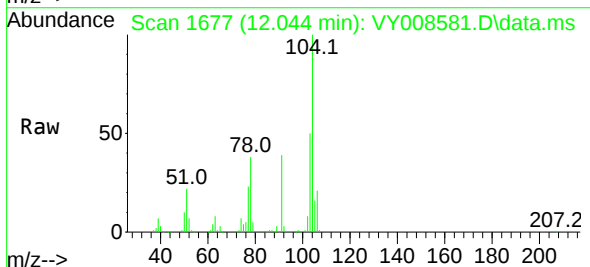
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

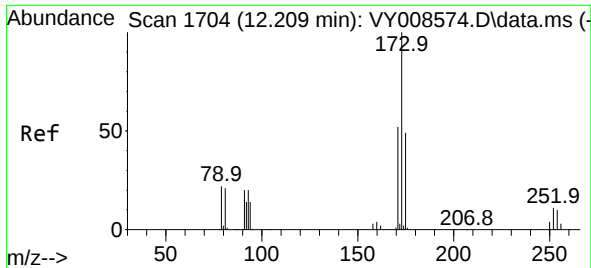
Tgt Ion:106 Resp: 68919
Ion Ratio Lower Upper
106 100
91 201.4 110.3 331.0



#70
Styrene
Concen: 21.443 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion:104 Resp: 115045
Ion Ratio Lower Upper
104 100
78 44.1 42.4 63.6
103 54.6 44.4 66.6

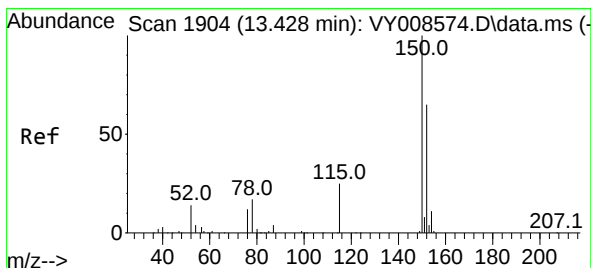
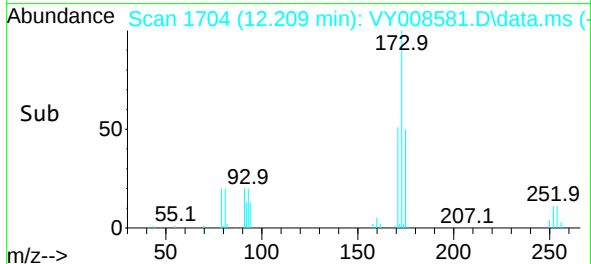
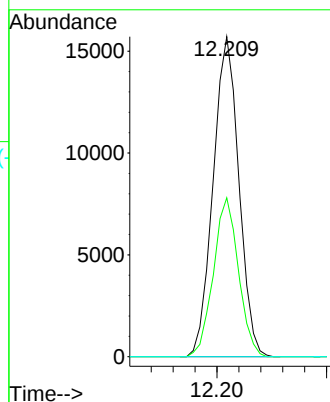
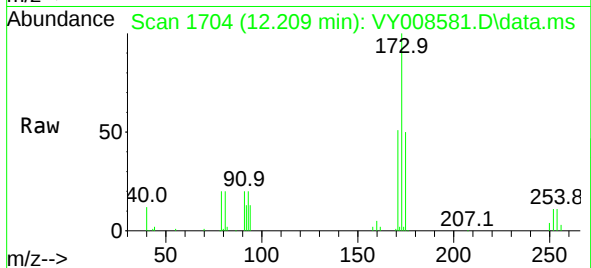




#71
Bromoform
Concen: 20.806 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

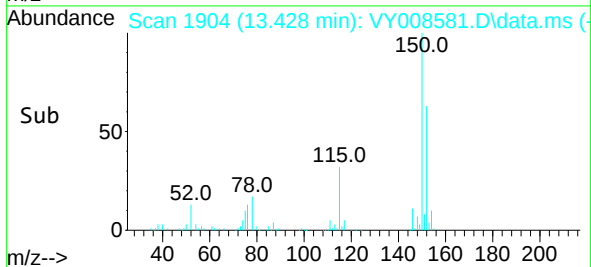
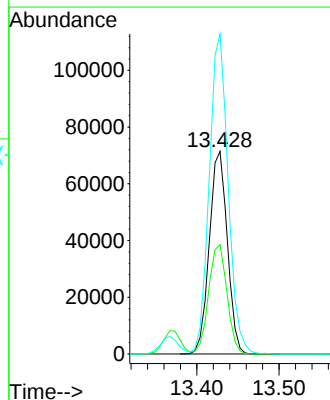
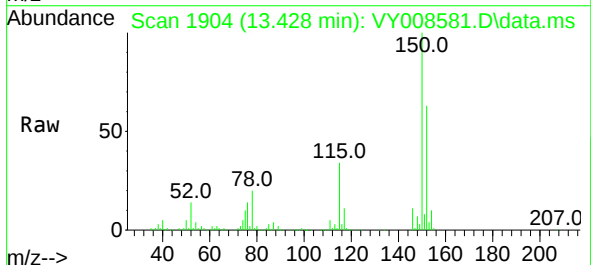
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

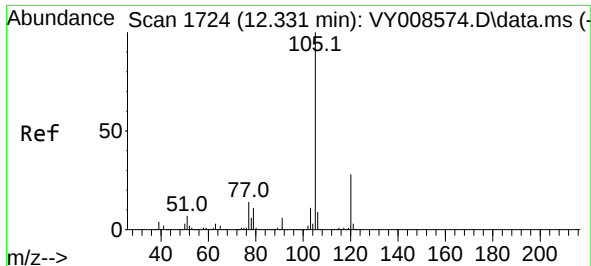
Tgt Ion:173 Resp: 25586
Ion Ratio Lower Upper
173 100
175 48.3 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion:152 Resp: 108620
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 165.2 0.0 347.6

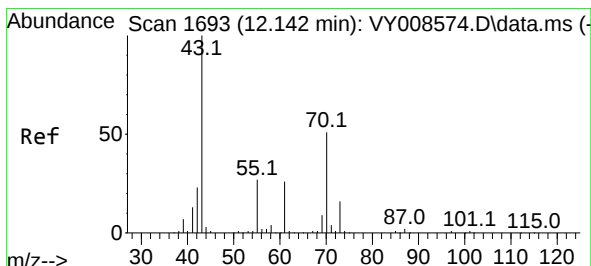
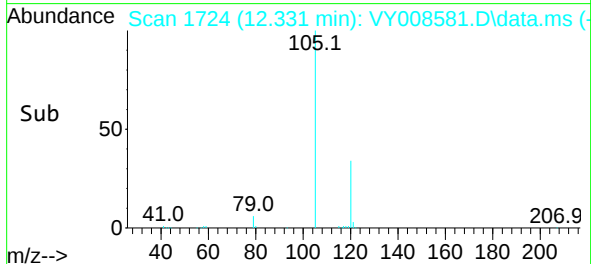
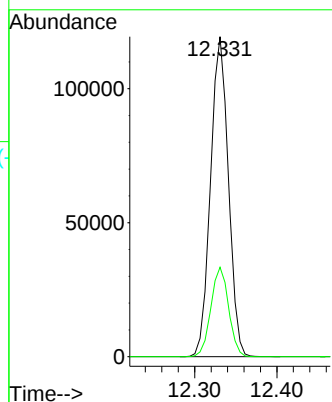
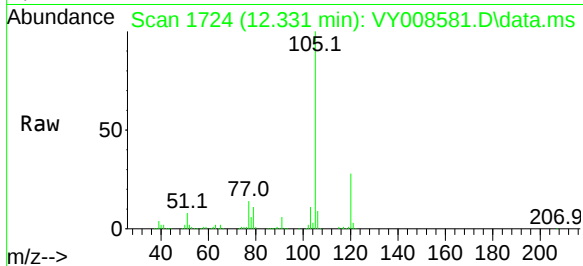




#73
Isopropylbenzene
Concen: 21.244 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

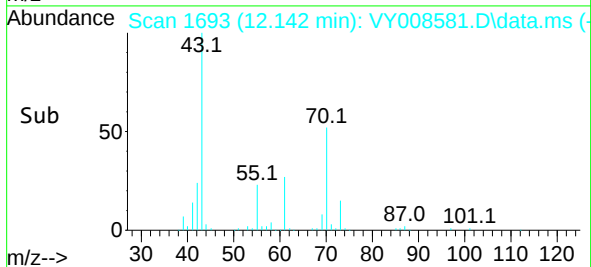
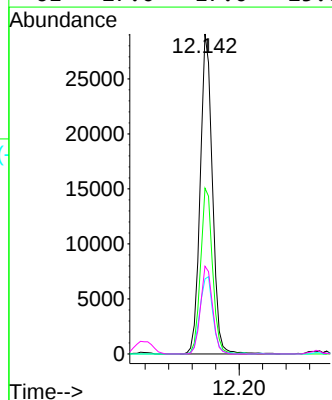
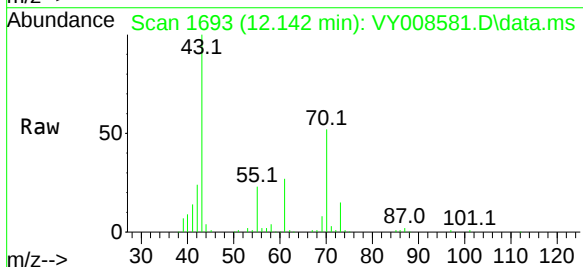
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

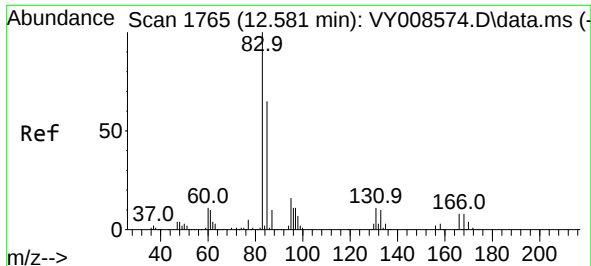
Tgt Ion:105 Resp: 180017
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.2



#74
N-ethyl acetate
Concen: 22.128 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion: 43 Resp: 41903
Ion Ratio Lower Upper
43 100
70 51.1 28.7 43.1#
55 25.7 17.3 25.9
61 27.0 17.0 25.6#

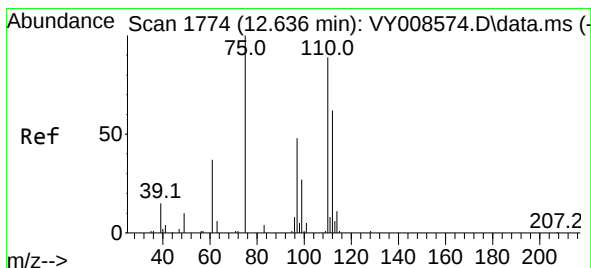
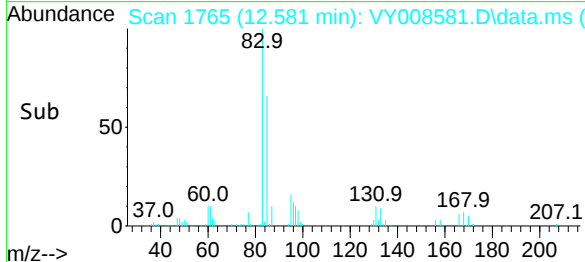
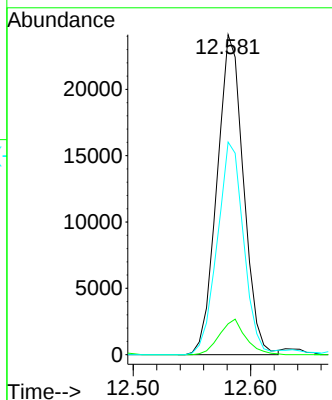
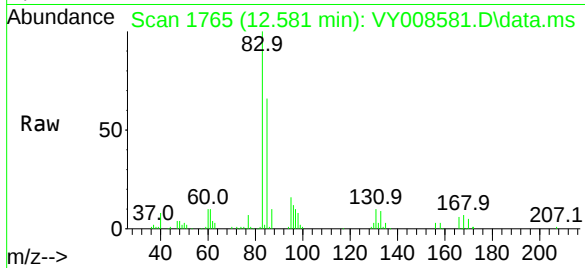




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.997 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY008581.D
 Acq: 03 May 2022 11:01

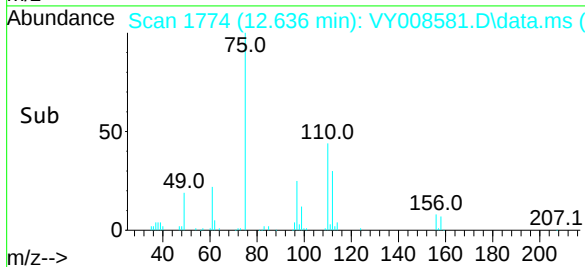
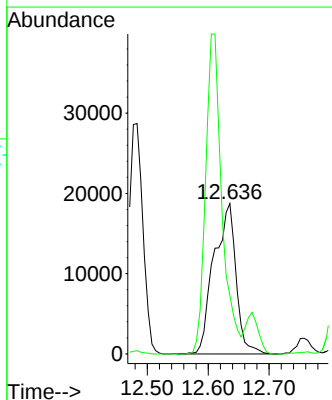
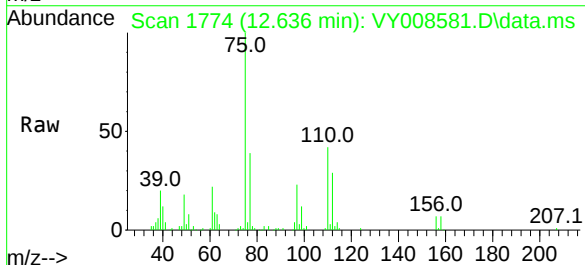
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0503SBS01

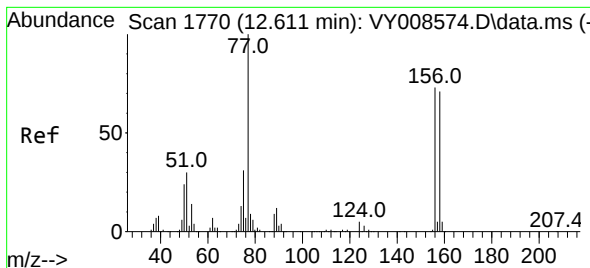
Tgt Ion: 83 Resp: 37720
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.6 16.8
 85 66.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 40.904 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.000 min
 Lab File: VY008581.D
 Acq: 03 May 2022 11:01

Tgt Ion: 75 Resp: 47428
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.656 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0503SBS01

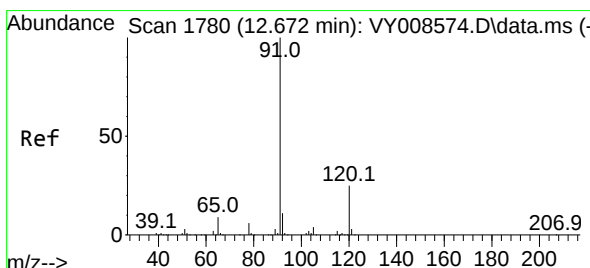
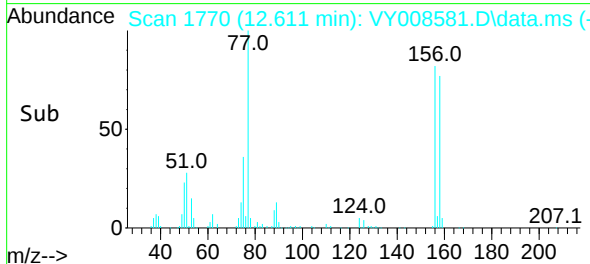
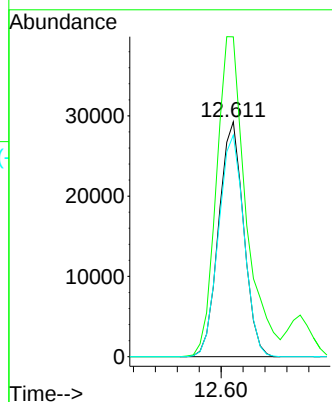
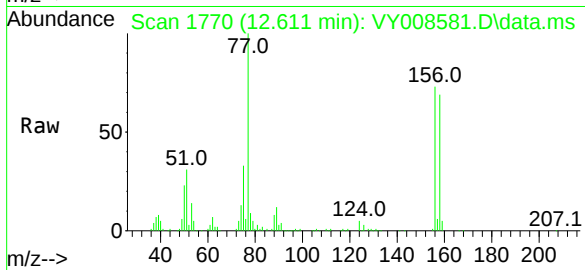
Tgt Ion:156 Resp: 46183

Ion Ratio Lower Upper

156 100

77 161.3 95.5 286.4

158 96.8 48.0 144.0



#78

n-propylbenzene

Concen: 21.493 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008581.D

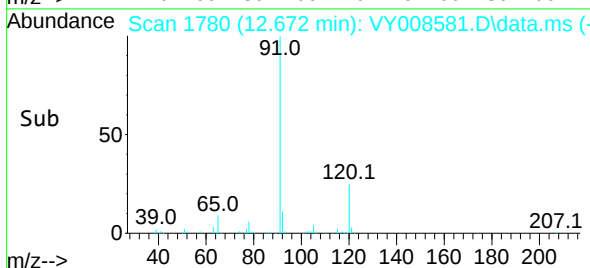
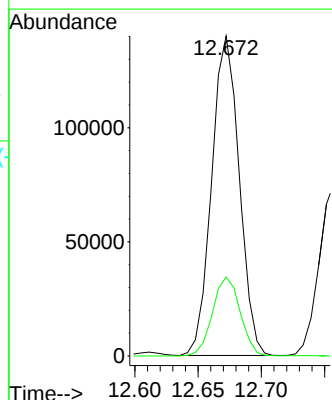
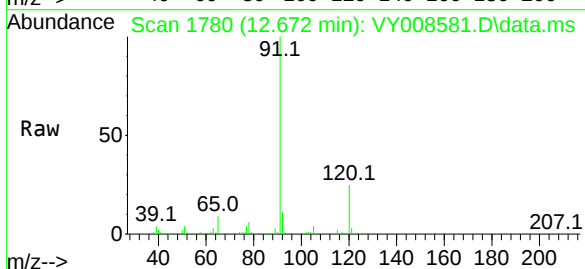
Acq: 03 May 2022 11:01

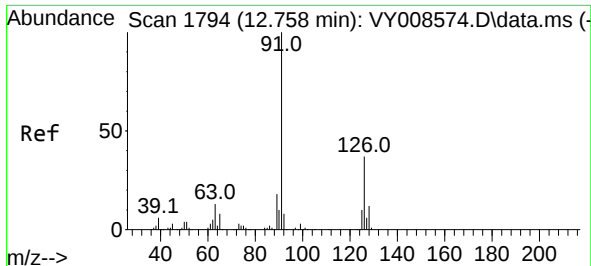
Tgt Ion: 91 Resp: 211933

Ion Ratio Lower Upper

91 100

120 24.8 11.3 33.9





#79

2-Chlorotoluene

Concen: 21.183 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

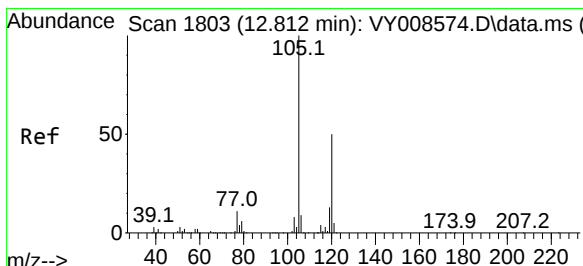
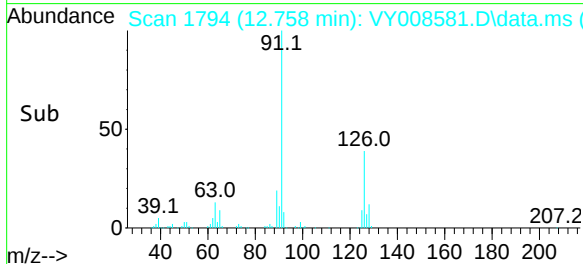
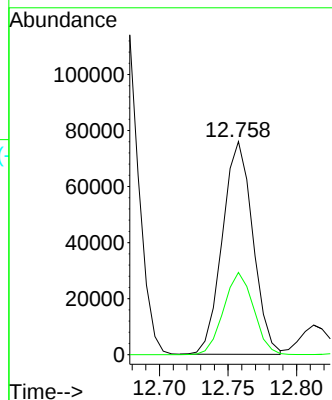
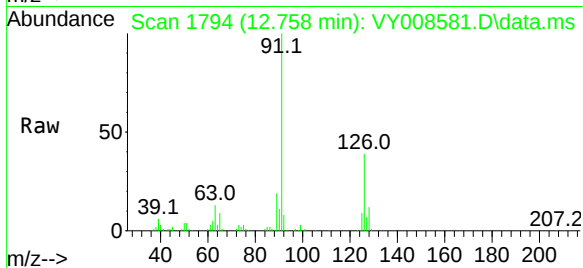
VY0503SBS01

Tgt Ion: 91 Resp: 117607

Ion Ratio Lower Upper

91 100

126 38.0 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 21.238 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY008581.D

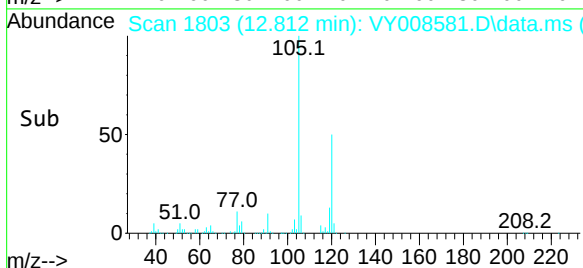
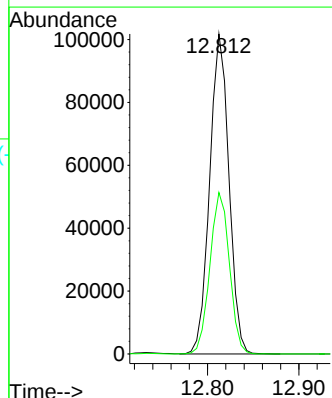
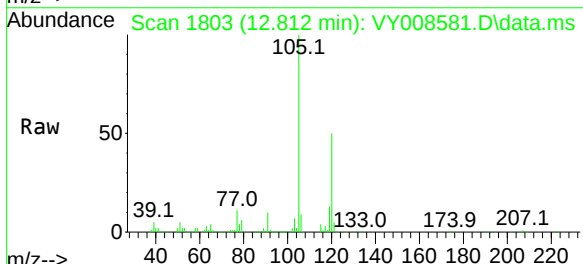
Acq: 03 May 2022 11:01

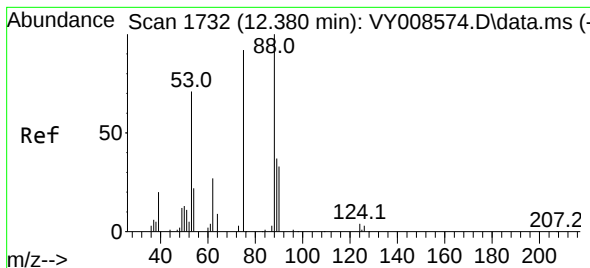
Tgt Ion:105 Resp: 148690

Ion Ratio Lower Upper

105 100

120 51.1 24.4 73.4

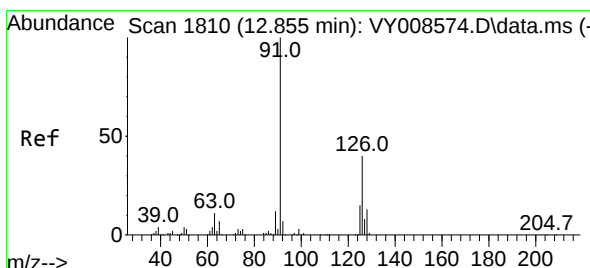
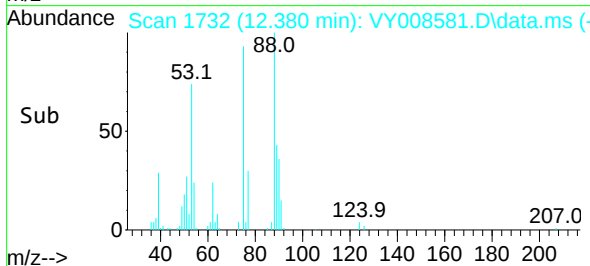
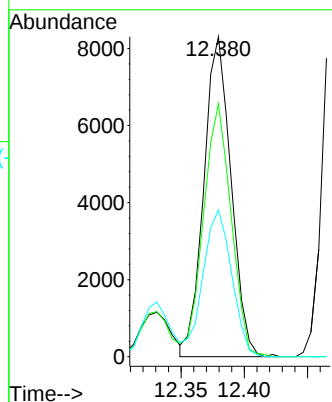
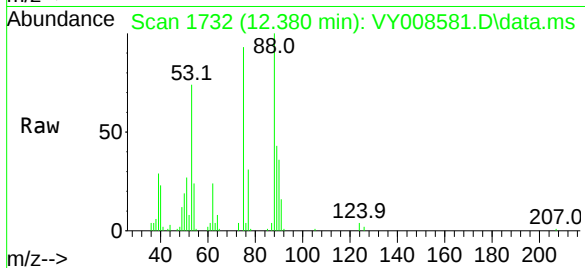




#81
trans-1,4-Dichloro-2-butene
Concen: 21.738 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

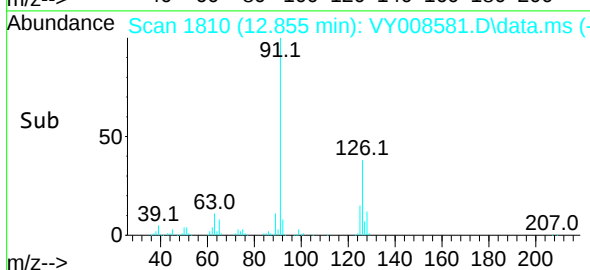
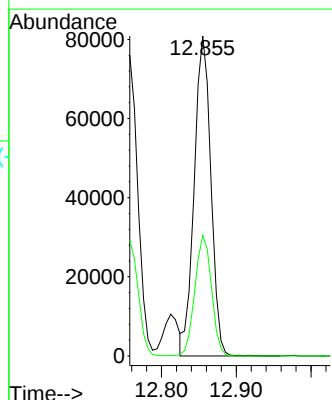
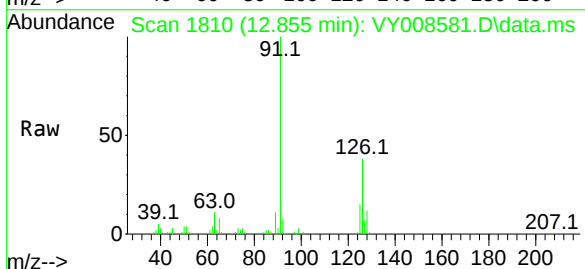
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

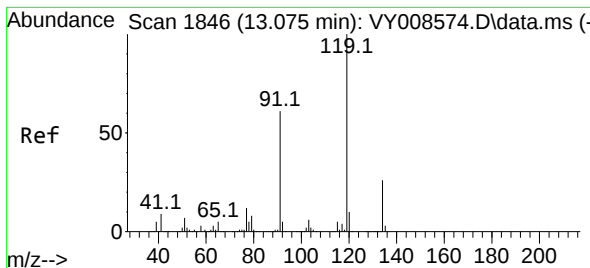
Tgt Ion: 75 Resp: 12432
Ion Ratio Lower Upper
75 100
53 80.2 85.3 127.9#
89 48.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.808 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion: 91 Resp: 124719
Ion Ratio Lower Upper
91 100
126 37.7 17.0 51.0





#83

tert-Butylbenzene

Concen: 21.134 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0503SBS01

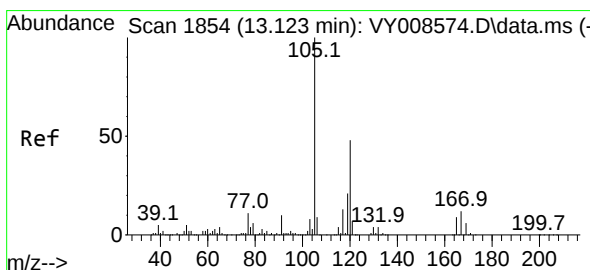
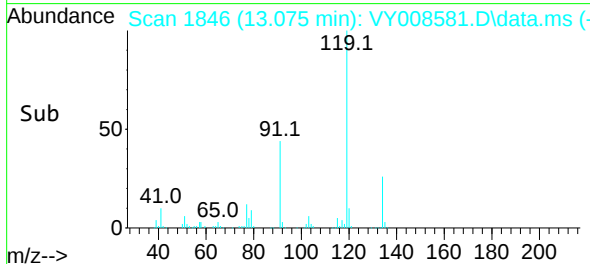
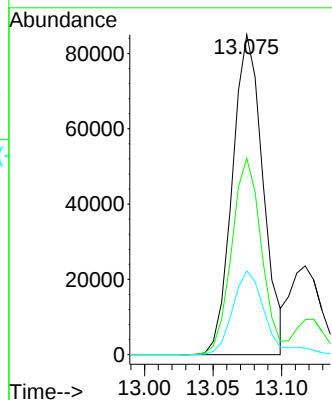
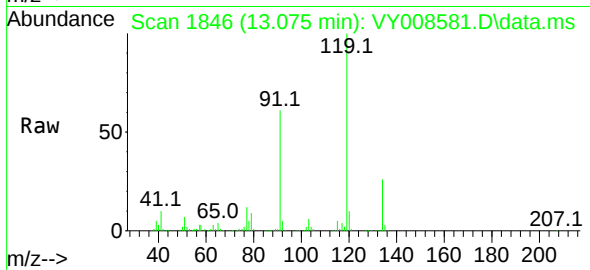
Tgt Ion:119 Resp: 132525

Ion Ratio Lower Upper

119 100

91 60.2 34.8 104.4

134 27.9 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 21.161 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY008581.D

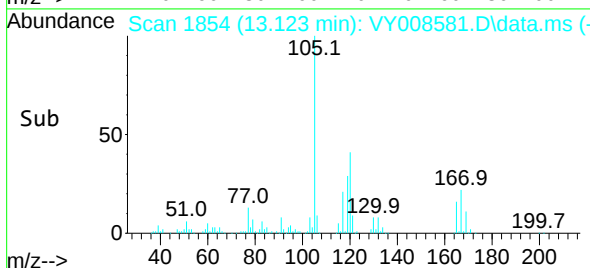
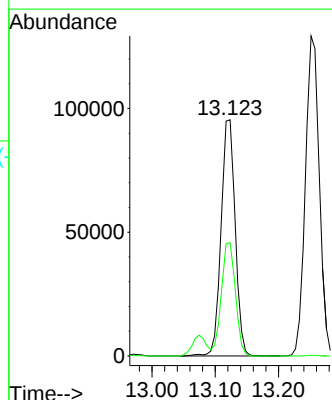
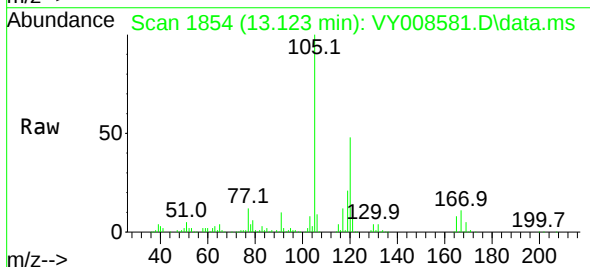
Acq: 03 May 2022 11:01

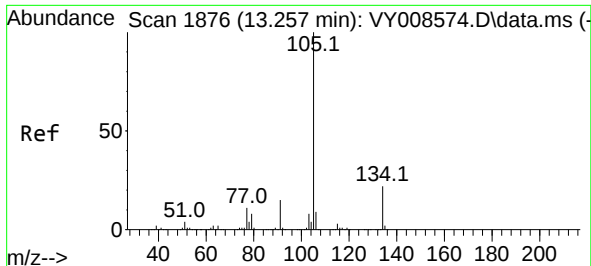
Tgt Ion:105 Resp: 147249

Ion Ratio Lower Upper

105 100

120 47.7 22.3 66.9

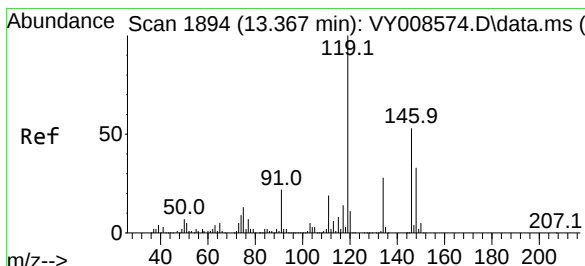
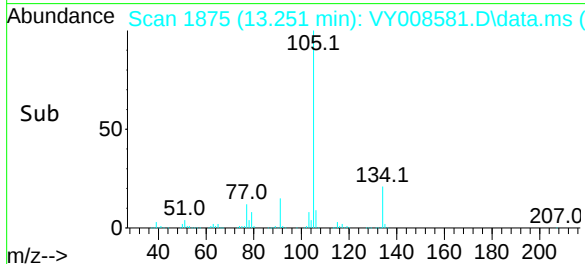
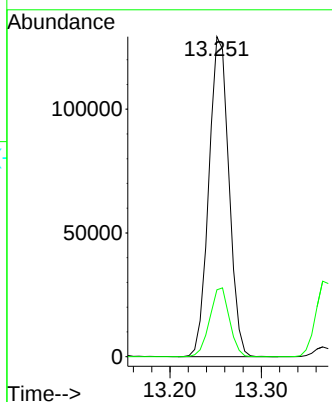
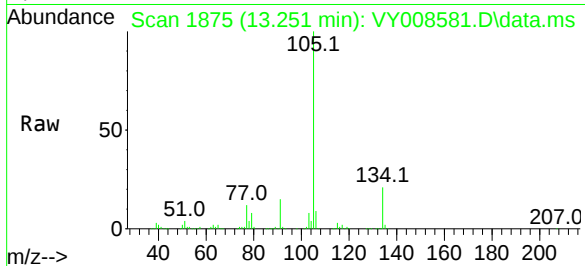




#85
 sec-Butylbenzene
 Concen: 21.287 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY008581.D
 Acq: 03 May 2022 11:01

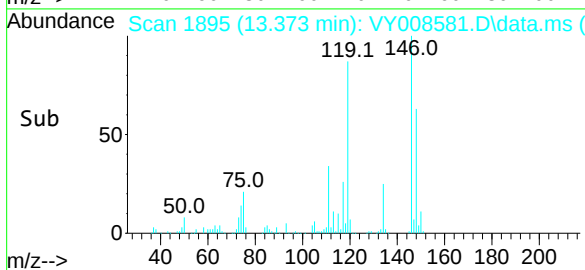
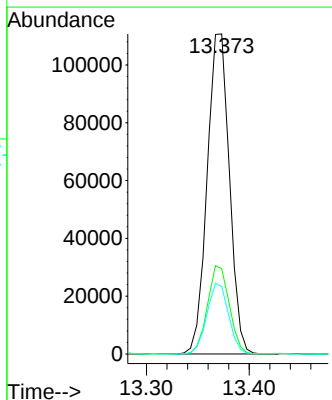
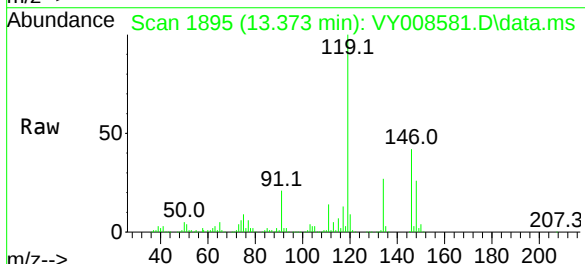
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0503SBS01

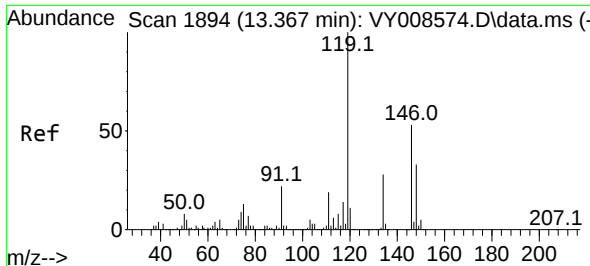
Tgt Ion:105 Resp: 196720
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 21.244 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY008581.D
 Acq: 03 May 2022 11:01

Tgt Ion:119 Resp: 166677
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.2 39.5
 91 21.5 12.4 37.2

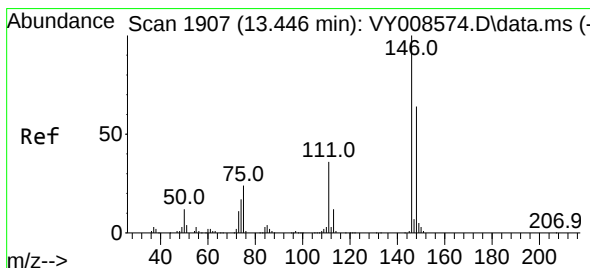
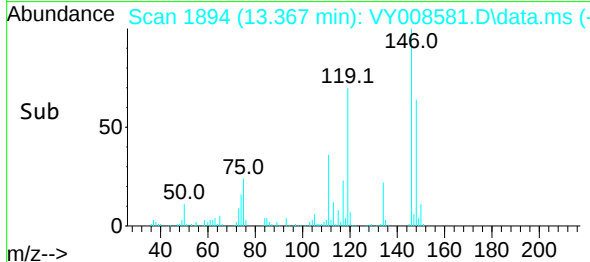
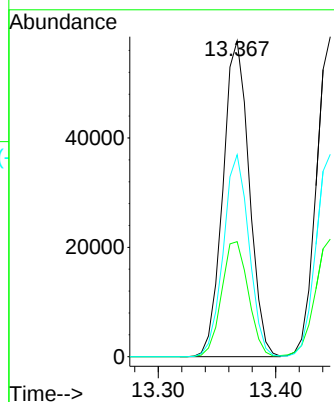
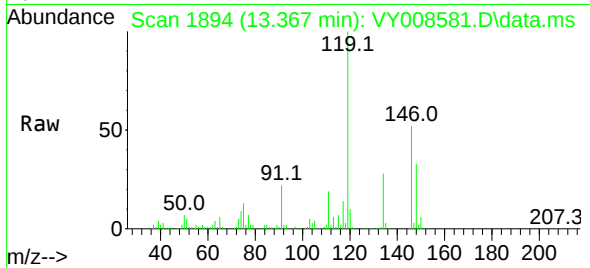




#87
 1,3-Dichlorobenzene
 Concen: 20.727 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008581.D
 Acq: 03 May 2022 11:01

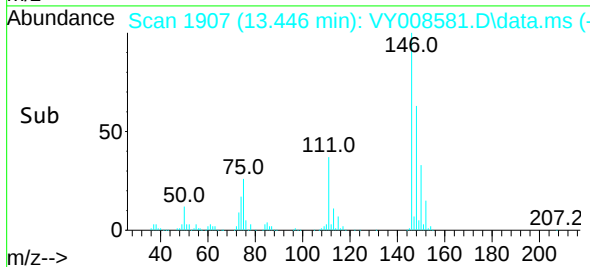
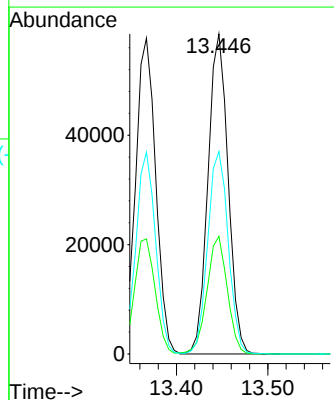
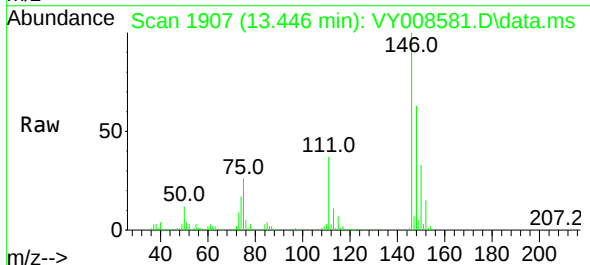
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0503SBS01

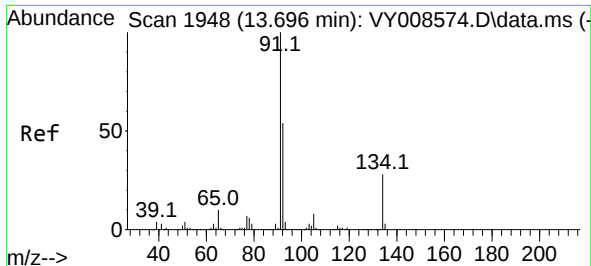
Tgt Ion:146 Resp: 89625
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.5 58.5
 148 62.5 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 20.945 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY008581.D
 Acq: 03 May 2022 11:01

Tgt Ion:146 Resp: 89331
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.3 57.8
 148 64.7 32.6 97.8





#89

n-Butylbenzene

Concen: 21.517 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0503SBS01

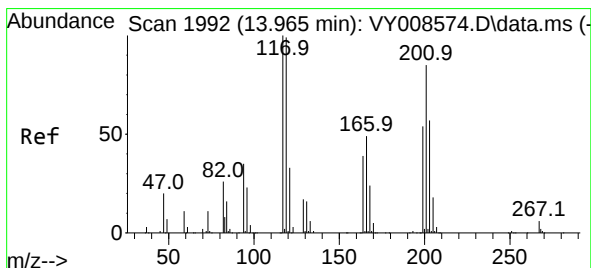
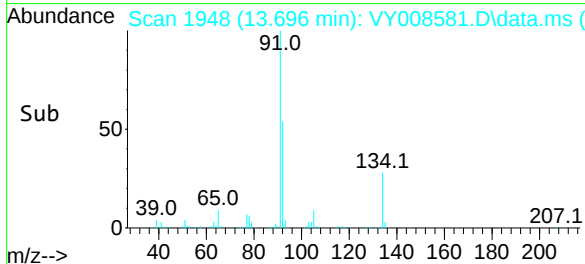
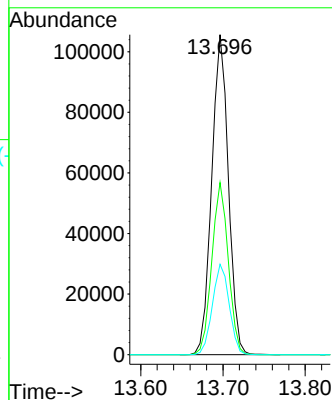
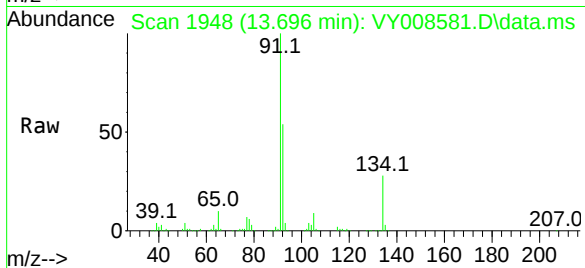
Tgt Ion: 91 Resp: 148702

Ion Ratio Lower Upper

91 100

92 53.1 26.3 78.9

134 28.5 13.0 38.9



#90

Hexachloroethane

Concen: 21.171 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY008581.D

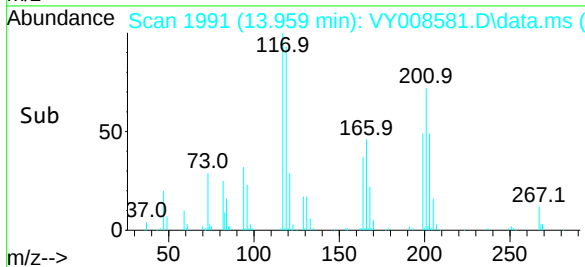
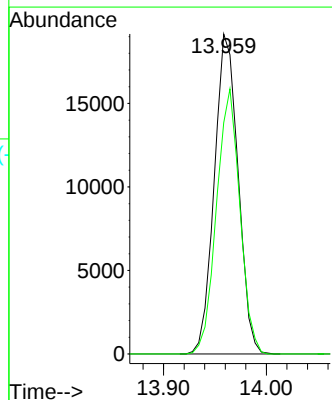
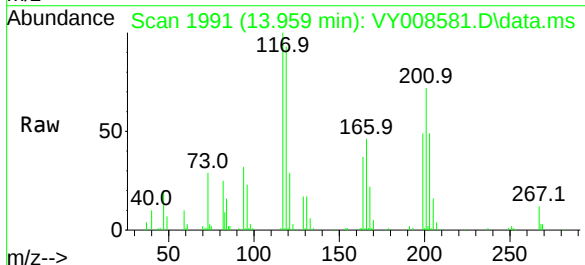
Acq: 03 May 2022 11:01

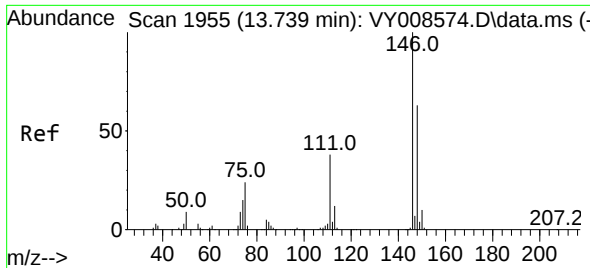
Tgt Ion: 117 Resp: 30764

Ion Ratio Lower Upper

117 100

201 81.3 43.0 128.8

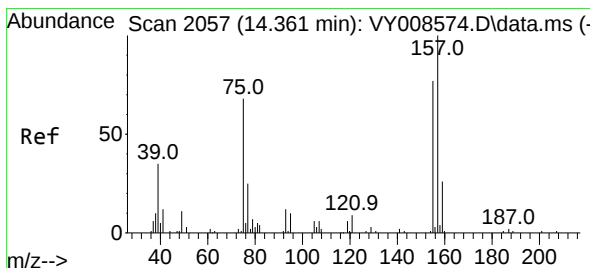
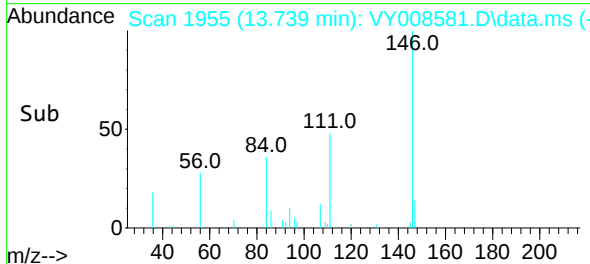
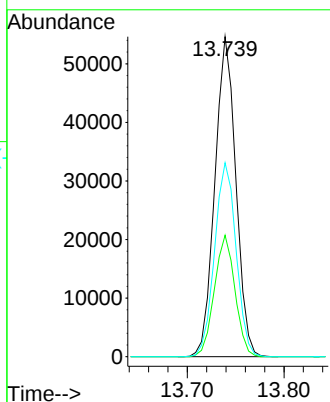
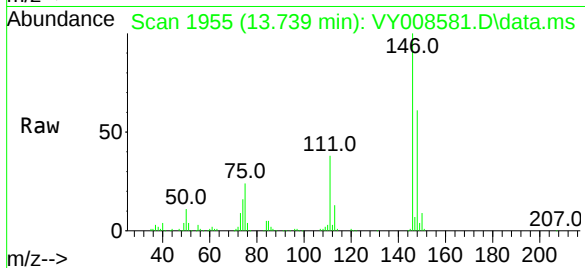




#91
1,2-Dichlorobenzene
Concen: 21.327 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

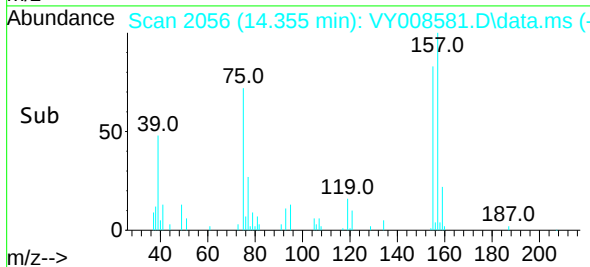
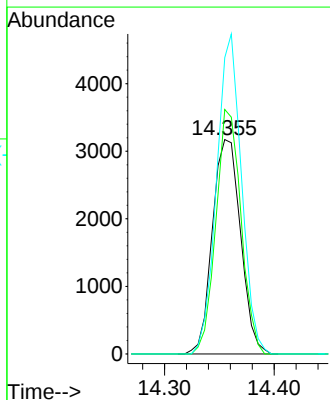
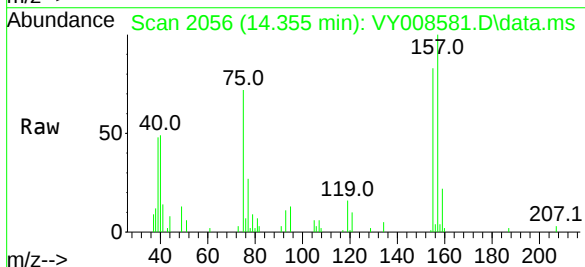
Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

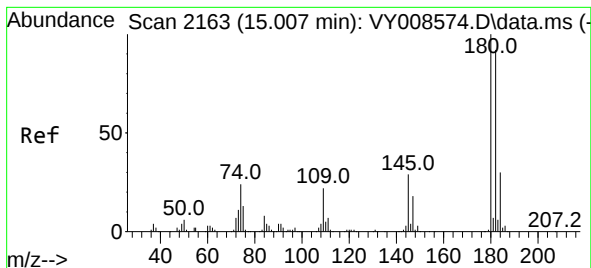
Tgt Ion:	146	Resp:	82296
Ion Ratio	Lower	Upper	
146	100		
111	37.2	20.3	60.9
148	62.2	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.712 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion:	75	Resp:	5666
Ion Ratio	Lower	Upper	
75	100		
155	101.5	38.0	113.9
157	131.5	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 20.480 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0503SBS01

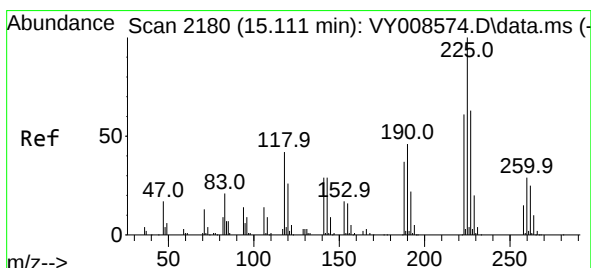
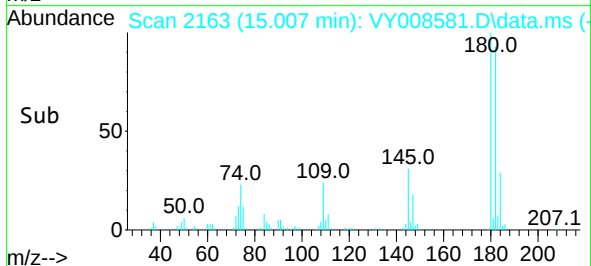
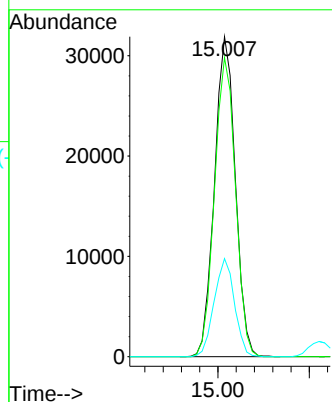
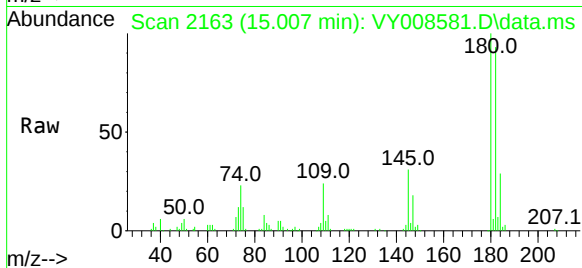
Tgt Ion:180 Resp: 50425

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

145 29.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.303 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY008581.D

Acq: 03 May 2022 11:01

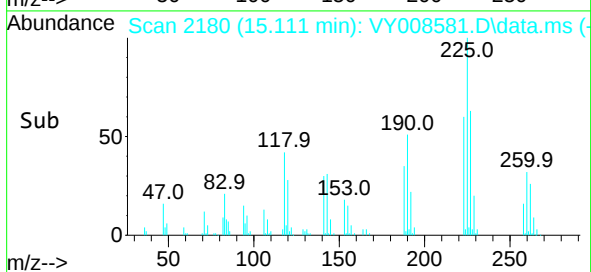
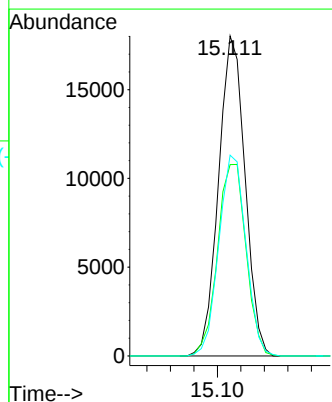
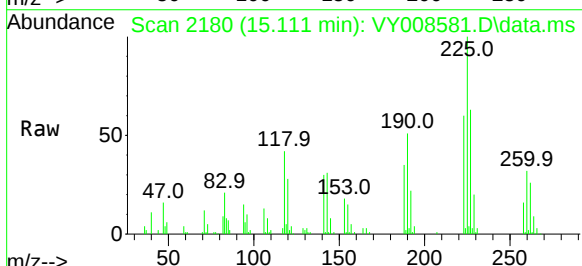
Tgt Ion:225 Resp: 28231

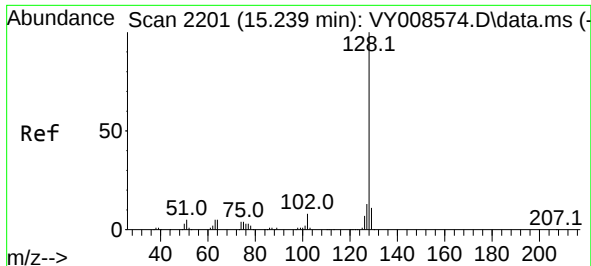
Ion Ratio Lower Upper

225 100

223 64.4 30.8 92.3

227 64.1 31.6 94.7

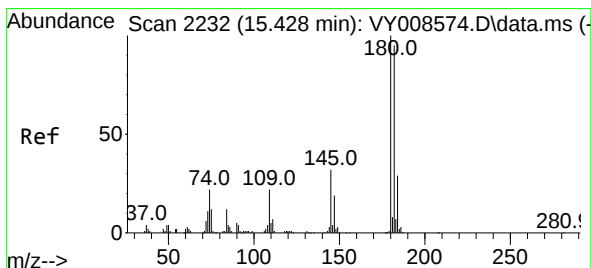
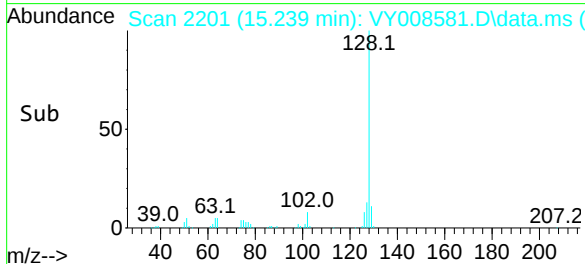
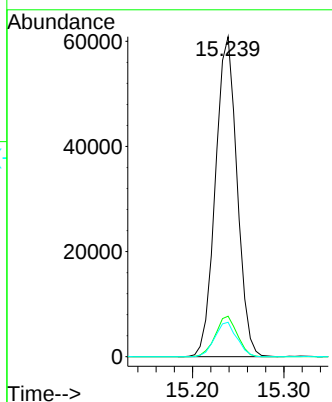
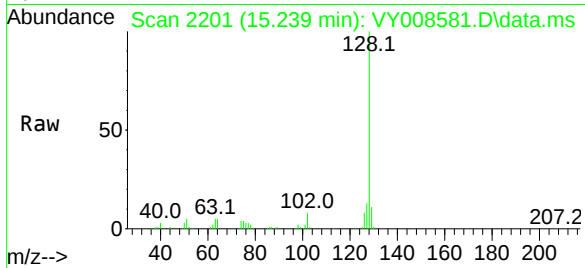




#95
Naphthalene
Concen: 20.315 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0503SBS01

Tgt Ion:128 Resp: 100306
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.4
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 20.072 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY008581.D
Acq: 03 May 2022 11:01

Tgt Ion:180 Resp: 43864
Ion Ratio Lower Upper
180 100
182 97.3 47.3 141.9
145 30.0 15.3 45.9

