

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
 Data File : VY008664.D
 Acq On : 09 May 2022 16:40
 Operator : KP/MD
 Sample : VY0509SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBS01

Quant Time: May 10 03:23:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	260832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	416203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	383989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	191638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	107605	48.146	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.300%
35) Dibromofluoromethane	7.716	113	122713	47.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.680%
50) Toluene-d8	10.179	98	430298	47.608	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.220%
62) 4-Bromofluorobenzene	12.483	95	153292	47.142	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	29745	21.819	ug/l	98
3) Chloromethane	2.113	50	34217	20.388	ug/l	96
4) Vinyl Chloride	2.259	62	44431	20.852	ug/l	94
5) Bromomethane	2.662	94	34419	20.100	ug/l	95
6) Chloroethane	2.802	64	28718	19.643	ug/l	96
7) Trichlorofluoromethane	3.125	101	53777	20.858	ug/l	87
8) Diethyl Ether	3.527	74	32268	19.783	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.899	101	52484	19.893	ug/l	94
10) Methyl Iodide	4.088	142	88032	20.106	ug/l #	88
11) Tert butyl alcohol	4.948	59	23009	112.758	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	54332	19.899	ug/l #	76
13) Acrolein	3.729	56	26271	119.036	ug/l	97
14) Allyl chloride	4.479	41	70136	19.857	ug/l #	84
15) Acrylonitrile	5.161	53	74799	102.336	ug/l	97
16) Acetone	3.942	43	53395	101.265	ug/l #	79
17) Carbon Disulfide	4.192	76	147254	20.335	ug/l	100
18) Methyl Acetate	4.472	43	36208	22.291	ug/l #	81
19) Methyl tert-butyl Ether	5.216	73	103454	20.554	ug/l	93
20) Methylene Chloride	4.710	84	72916	22.771	ug/l #	76
21) trans-1,2-Dichloroethene	5.216	96	60964	19.866	ug/l #	77
22) Diisopropyl ether	6.112	45	153545	20.082	ug/l #	91
23) Vinyl Acetate	6.058	43	496555	102.814	ug/l #	87
24) 1,1-Dichloroethane	6.009	63	97046	19.768	ug/l	97
25) 2-Butanone	6.984	43	88111	101.656	ug/l #	79
26) 2,2-Dichloropropane	6.978	77	66603	20.293	ug/l	89
27) cis-1,2-Dichloroethene	6.984	96	69261	19.964	ug/l	77
28) Bromochloromethane	7.326	49	33823	19.428	ug/l #	66
29) Tetrahydrofuran	7.350	42	59435	102.602	ug/l #	76
30) Chloroform	7.502	83	104565	20.140	ug/l	99
31) Cyclohexane	7.783	56	88195	19.949	ug/l #	81
32) 1,1,1-Trichloroethane	7.704	97	85600	20.118	ug/l	94
36) 1,1-Dichloropropene	7.917	75	81173	19.698	ug/l	97
37) Ethyl Acetate	7.070	43	40596	19.812	ug/l #	90
38) Carbon Tetrachloride	7.899	117	82872	19.883	ug/l	98
39) Methylcyclohexane	9.185	83	104249	19.560	ug/l #	85
40) Benzene	8.161	78	234542	19.589	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	53099	47.034	ug/l #	14
42) 1,2-Dichloroethane	8.234	62	62578	20.163	ug/l	88
43) Isopropyl Acetate	8.271	43	74466	20.006	ug/l #	84
44) Trichloroethene	8.941	130	68735	19.672	ug/l	92
45) 1,2-Dichloropropane	9.216	63	56563	19.363	ug/l	96
46) Dibromomethane	9.307	93	36356	19.885	ug/l	96
47) Bromodichloromethane	9.496	83	80049	19.608	ug/l	99
48) Methyl methacrylate	9.289	41	33074	20.412	ug/l #	74
49) 1,4-Dioxane	9.295	88	8278	374.414	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	201527	103.518	ug/l #	84
52) Toluene	10.246	92	155083	19.896	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	85552	19.501	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	95643	19.104	ug/l #	78
55) 1,1,2-Trichloroethane	10.642	97	52306	20.061	ug/l	95
56) Ethyl methacrylate	10.508	69	65987	20.000	ug/l #	72
57) 1,3-Dichloropropane	10.788	76	83976	19.690	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	154060	94.302	ug/l	90
59) 2-Hexanone	10.831	43	136710	102.531	ug/l	78
60) Dibromochloromethane	10.983	129	62610	19.775	ug/l	99
61) 1,2-Dibromoethane	11.087	107	51520	20.052	ug/l	100
64) Tetrachloroethene	10.721	164	57223	19.119	ug/l	96
65) Chlorobenzene	11.514	112	170896	19.895	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	63836	20.011	ug/l	97
67) Ethyl Benzene	11.593	91	292833	19.838	ug/l	98
68) m/p-Xylenes	11.703	106	232485	39.363	ug/l	89
69) o-Xylene	12.032	106	111503	19.900	ug/l	89
70) Styrene	12.044	104	184688	19.852	ug/l	93
71) Bromoform	12.209	173	40922	19.904	ug/l #	99
73) Isopropylbenzene	12.331	105	285146	19.476	ug/l	98
74) N-amyl acetate	12.142	43	66715	20.294	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.587	83	61468	20.058	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	76383	35.358	ug/l #	100
77) Bromobenzene	12.611	156	73922	20.180	ug/l	88
78) n-propylbenzene	12.672	91	344382	19.784	ug/l	97
79) 2-Chlorotoluene	12.758	91	190367	19.768	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	235714	19.878	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	21632	19.922	ug/l #	80
82) 4-Chlorotoluene	12.855	91	196038	19.631	ug/l	94
83) tert-Butylbenzene	13.075	119	210871	19.823	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	233934	19.976	ug/l	96
85) sec-Butylbenzene	13.257	105	313418	19.934	ug/l	98
86) p-Isopropyltoluene	13.373	119	261068	19.982	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	141161	19.921	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	138995	19.783	ug/l	100
89) n-Butylbenzene	13.696	91	238096	19.913	ug/l	97
90) Hexachloroethane	13.965	117	50357	19.851	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	125451	19.960	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9556	21.069	ug/l	68
93) 1,2,4-Trichlorobenzene	15.007	180	81093	20.197	ug/l	99
94) Hexachlorobutadiene	15.117	225	44572	20.258	ug/l	99
95) Naphthalene	15.239	128	167901	20.440	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	70573	19.945	ug/l	98

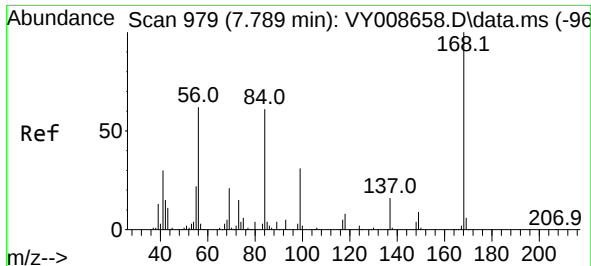
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
Data File : VY008664.D
Acq On : 09 May 2022 16:40
Operator : KP/MD
Sample : VY0509SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VY0509SBSD01

Quant Time: May 10 03:23:27 2022
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Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration

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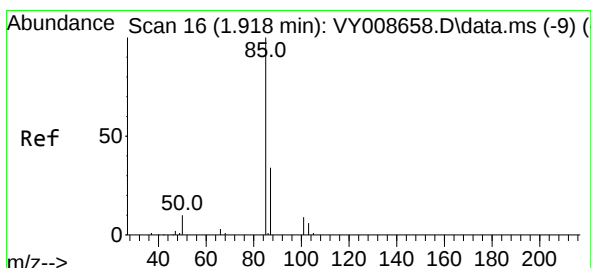
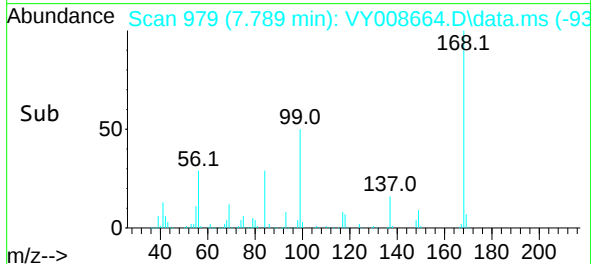
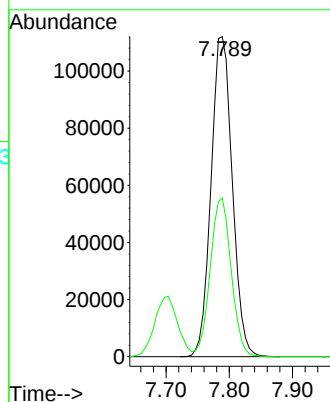
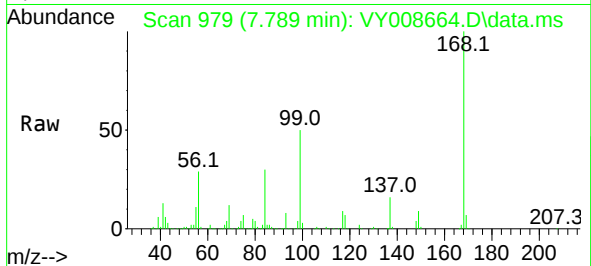
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

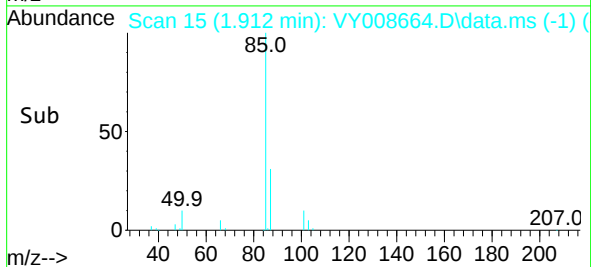
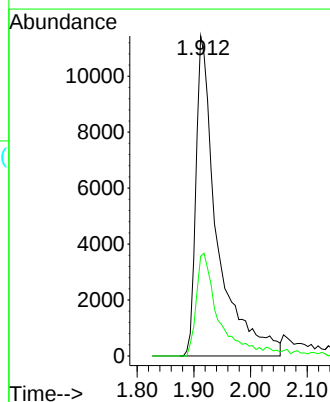
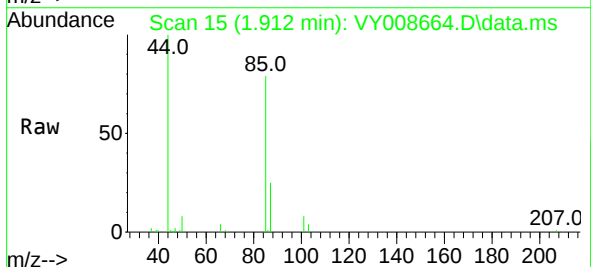
Instrument :
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ClientSampleId :
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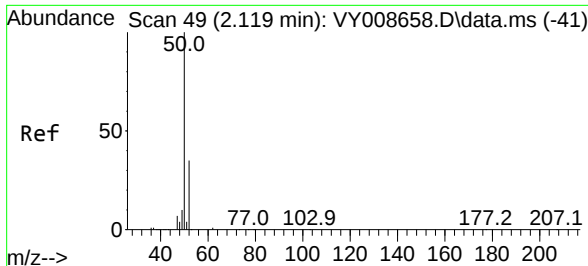
Tgt Ion:168 Resp: 260832
Ion Ratio Lower Upper
168 100
99 49.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 21.819 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 85 Resp: 29745
Ion Ratio Lower Upper
85 100
87 31.2 16.1 48.2

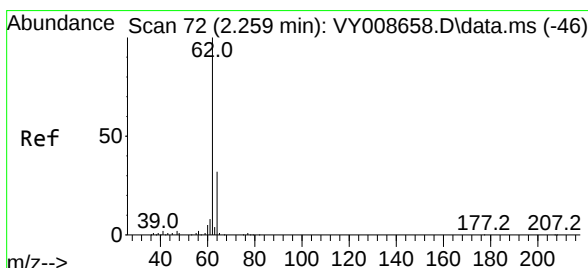
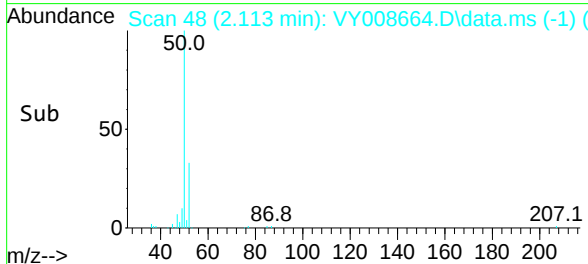
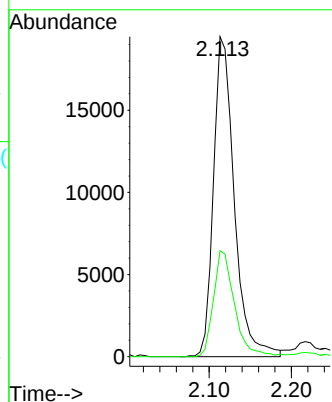
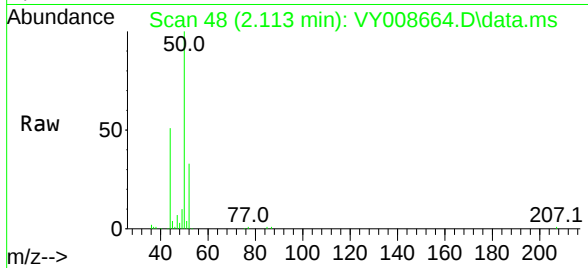




#3
Chloromethane
Concen: 20.388 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

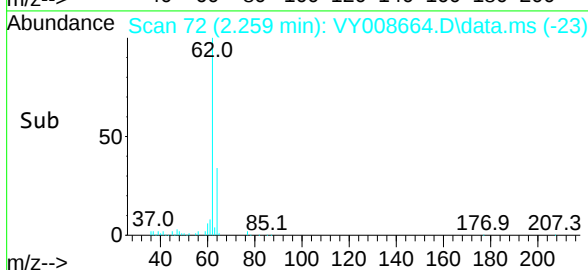
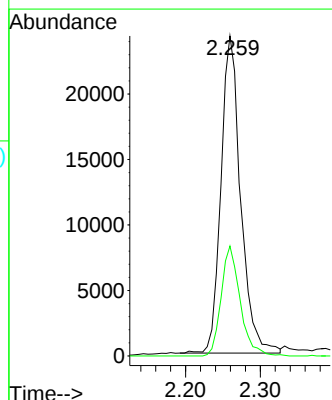
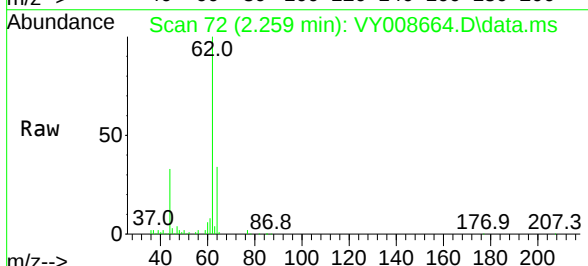
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

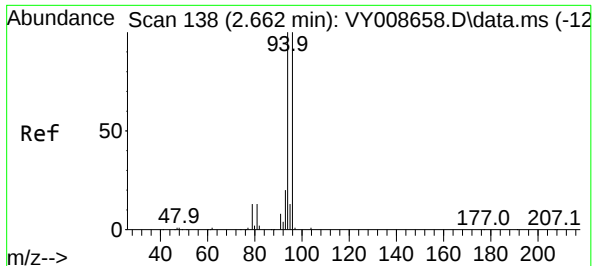
Tgt Ion: 50 Resp: 34217
Ion Ratio Lower Upper
50 100
52 33.1 24.6 37.0



#4
Vinyl Chloride
Concen: 20.852 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 62 Resp: 44431
Ion Ratio Lower Upper
62 100
64 34.6 25.0 37.6

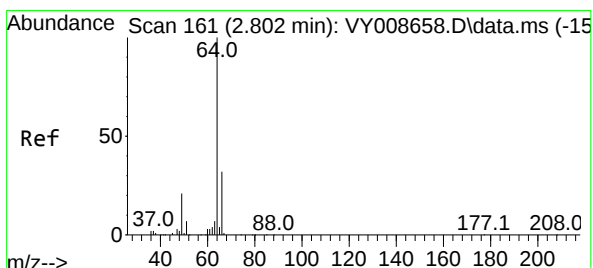
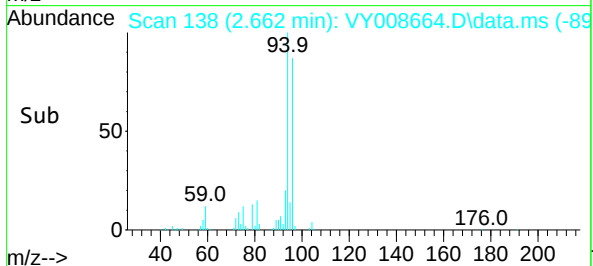
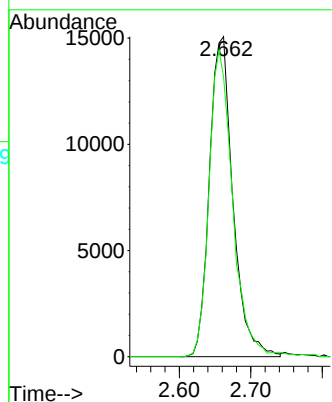
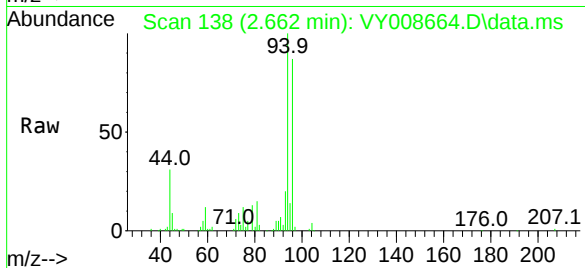




#5
Bromomethane
Concen: 20.100 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

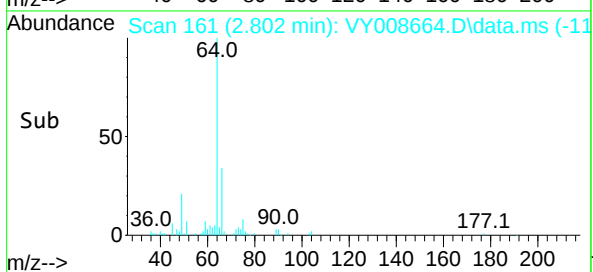
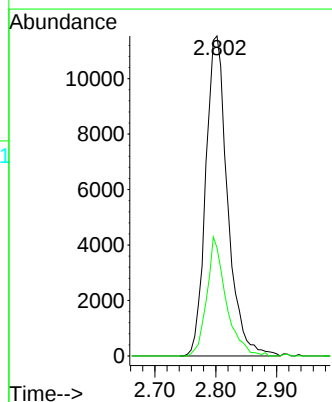
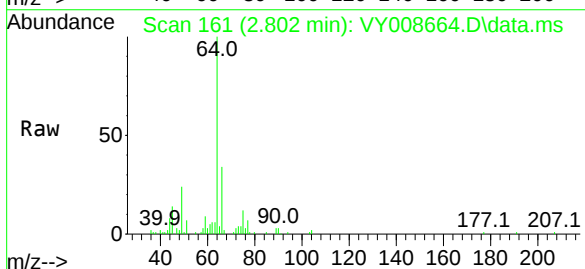
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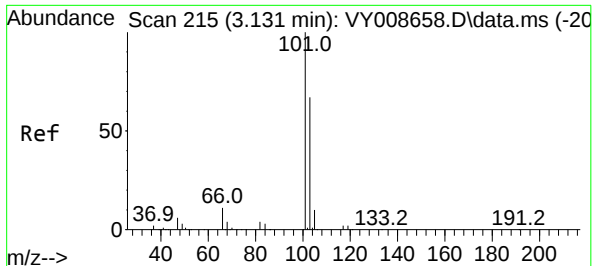
Tgt Ion: 94 Resp: 34419
Ion Ratio Lower Upper
94 100
96 87.4 73.5 110.3



#6
Chloroethane
Concen: 19.643 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 64 Resp: 28718
Ion Ratio Lower Upper
64 100
66 33.8 25.4 38.0

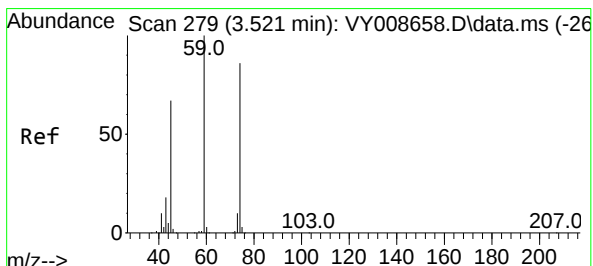
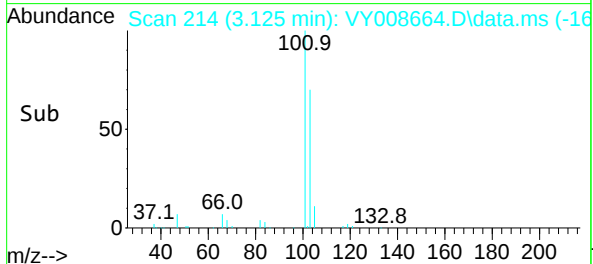
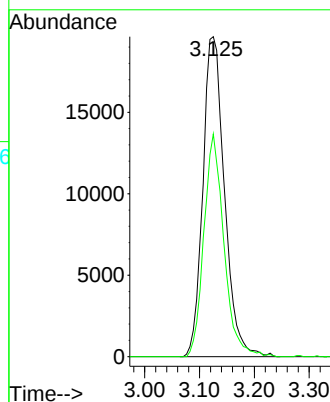
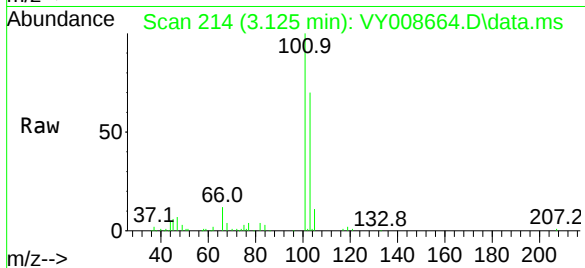




#7
 Trichlorofluoromethane
 Concen: 20.858 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY008664.D
 Acq: 09 May 2022 16:40

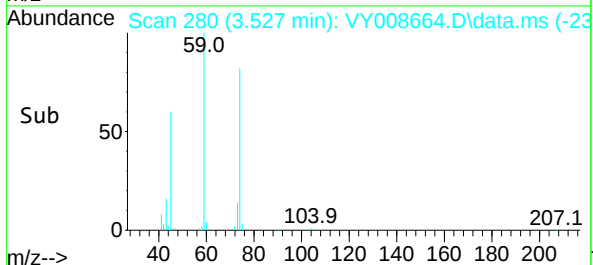
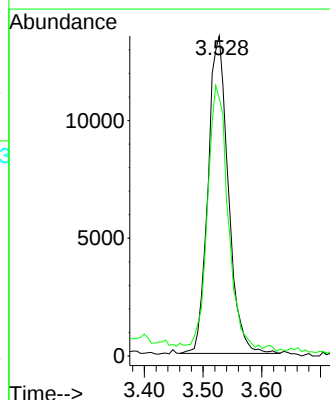
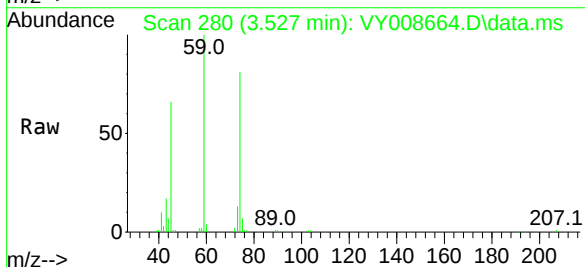
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBS01

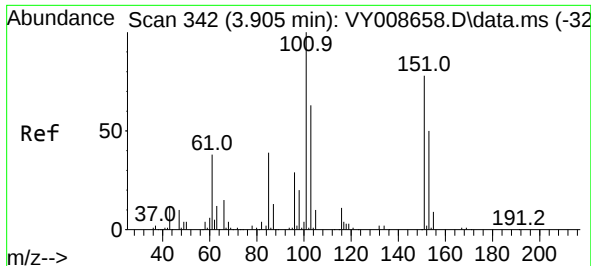
Tgt Ion:101 Resp: 53777
 Ion Ratio Lower Upper
 101 100
 103 69.6 48.0 72.0



#8
 Diethyl Ether
 Concen: 19.783 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY008664.D
 Acq: 09 May 2022 16:40

Tgt Ion: 74 Resp: 32268
 Ion Ratio Lower Upper
 74 100
 45 83.4 55.1 165.5

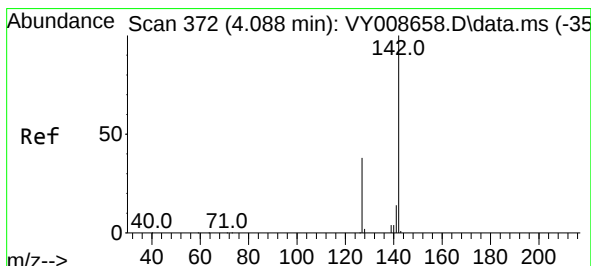
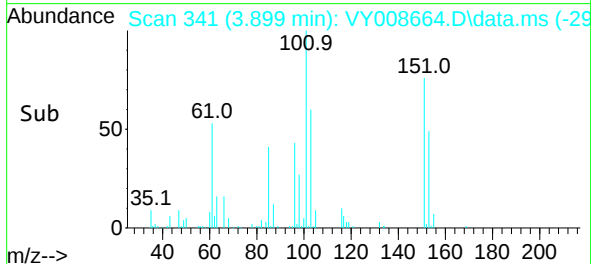
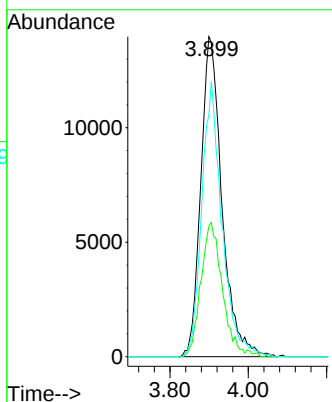
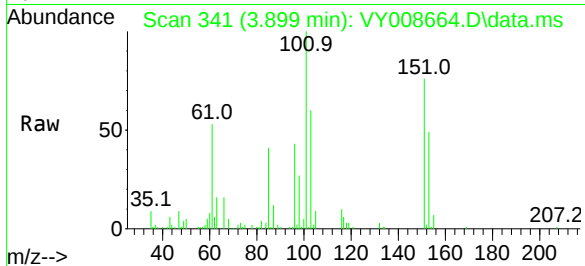




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.893 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

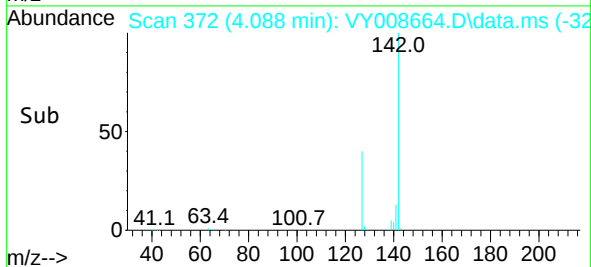
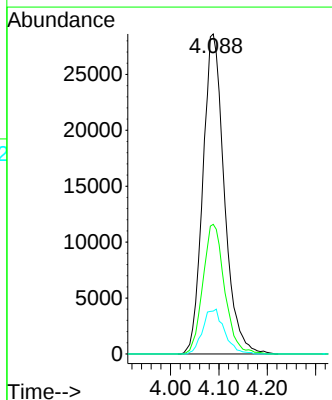
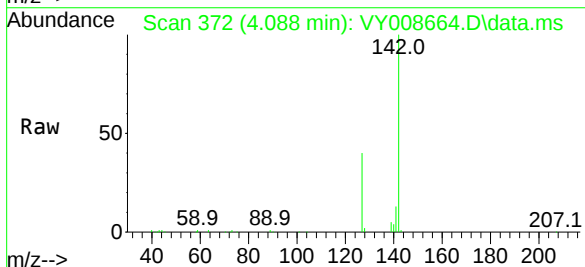
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

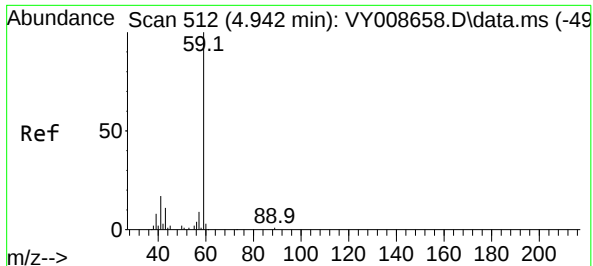
Tgt Ion:101 Resp: 52484
Ion Ratio Lower Upper
101 100
85 41.9 40.6 60.8
151 82.0 64.9 97.3



#10
Methyl Iodide
Concen: 20.106 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion:142 Resp: 88032
Ion Ratio Lower Upper
142 100
127 41.0 41.5 62.3#
141 14.2 11.9 17.9





#11

Tert butyl alcohol

Concen: 112.758 ug/l

RT: 4.948 min Scan# 512

Delta R.T. 0.006 min

Lab File: VY008664.D

Acq: 09 May 2022 16:40

Instrument :

MSVOA_Y

ClientSampleId :

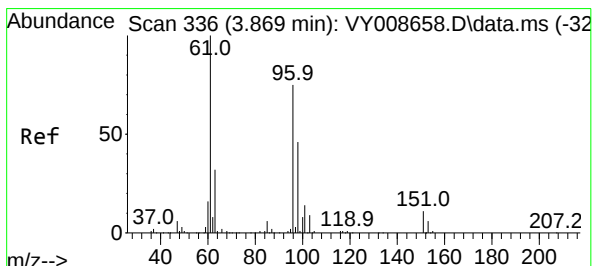
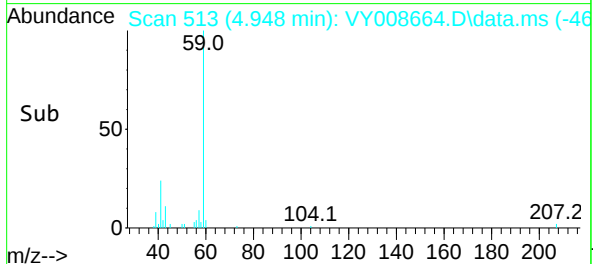
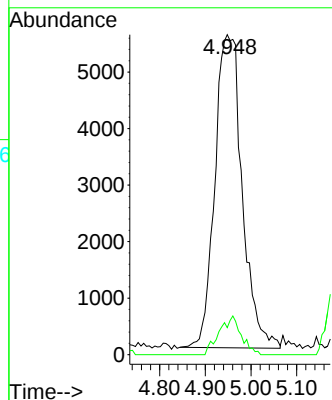
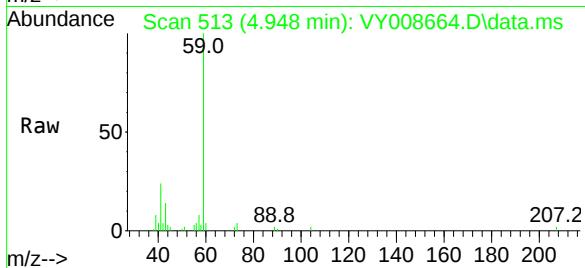
VY0509SBS01

Tgt Ion: 59 Resp: 23009

Ion Ratio Lower Upper

59 100

57 9.9 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 19.899 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY008664.D

Acq: 09 May 2022 16:40

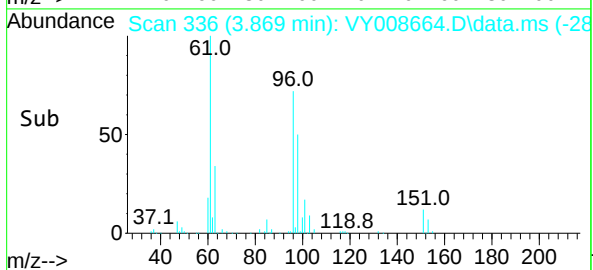
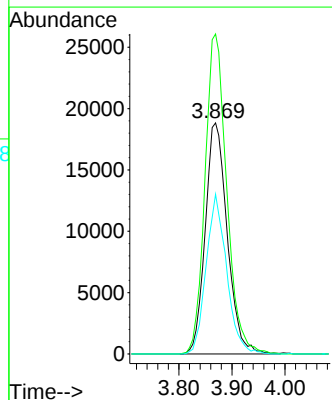
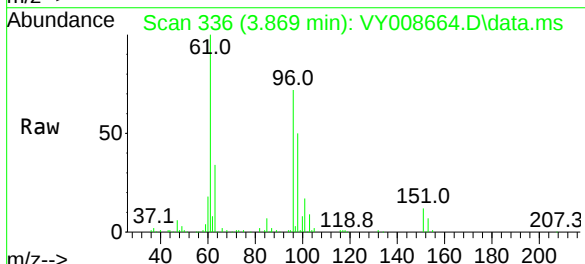
Tgt Ion: 96 Resp: 54332

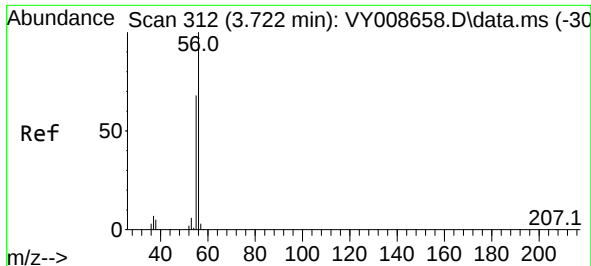
Ion Ratio Lower Upper

96 100

61 138.5 145.8 218.6#

98 69.1 52.5 78.7

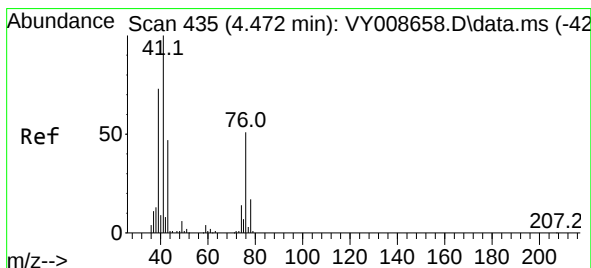
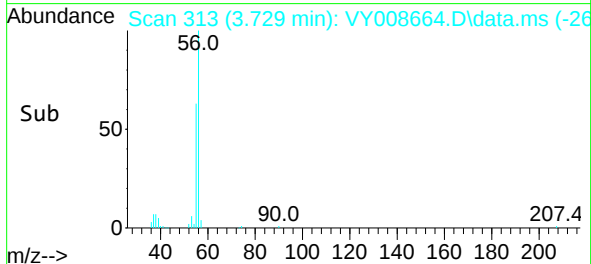
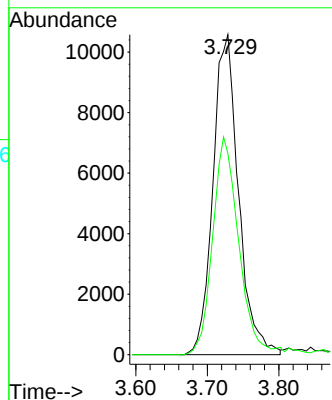
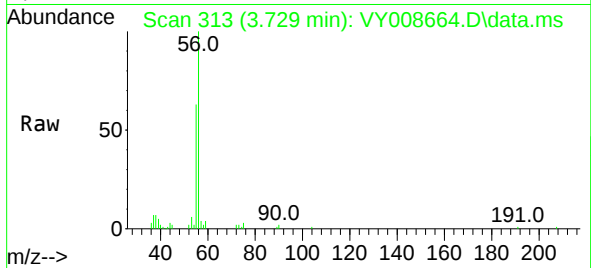




#13
Acrolein
Concen: 119.036 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.007 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

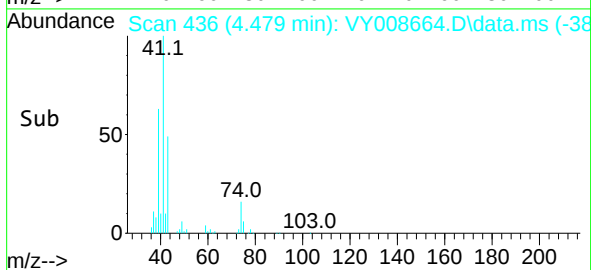
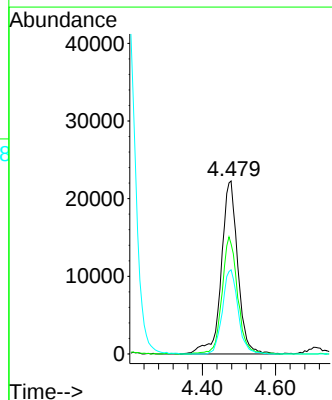
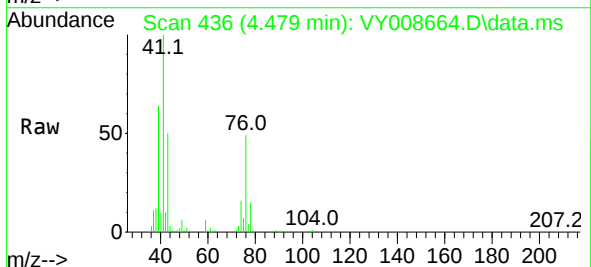
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

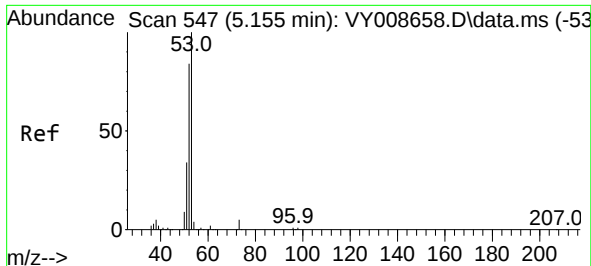
Tgt Ion: 56 Resp: 26271
Ion Ratio Lower Upper
56 100
55 69.4 57.6 86.4



#14
Allyl chloride
Concen: 19.857 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 41 Resp: 70136
Ion Ratio Lower Upper
41 100
39 63.5 58.8 88.2
76 45.9 25.1 37.7#

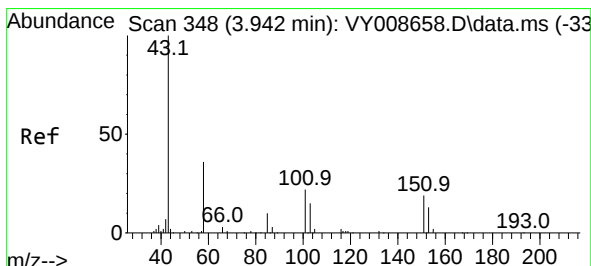
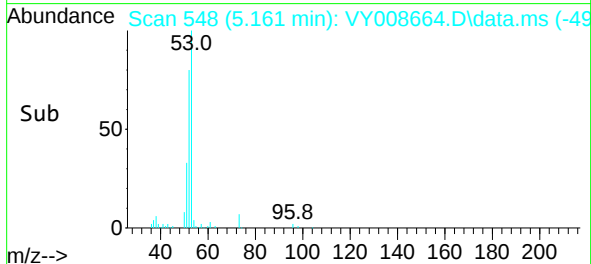
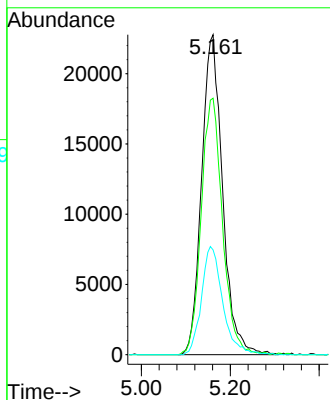
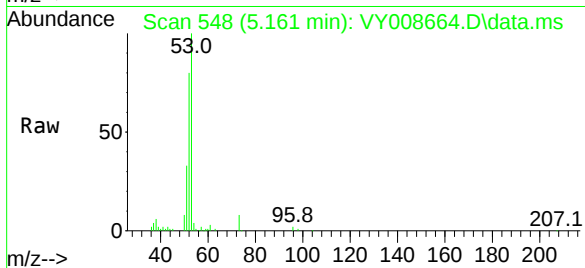




#15
Acrylonitrile
Concen: 102.336 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

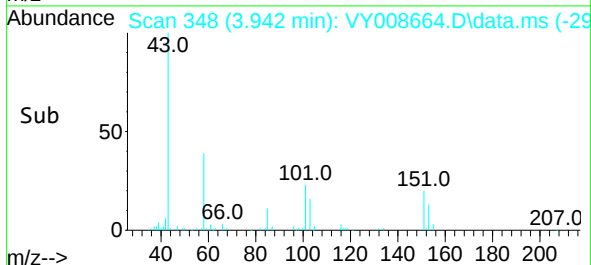
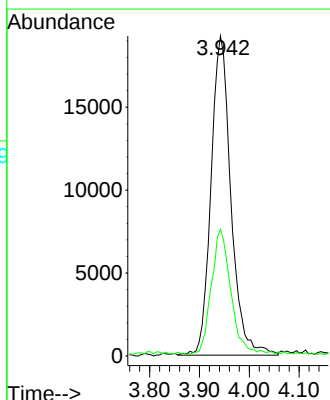
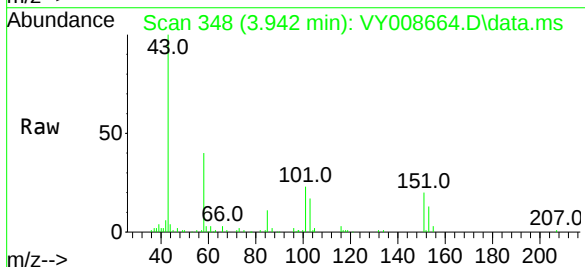
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

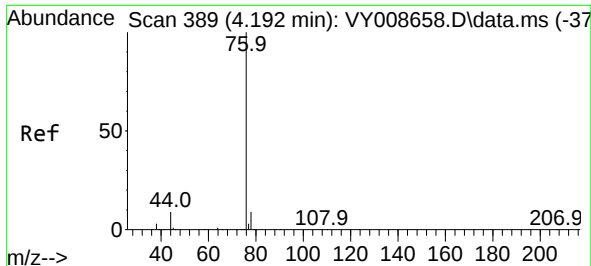
Tgt Ion: 53 Resp: 74799
Ion Ratio Lower Upper
53 100
52 81.4 67.0 100.4
51 34.2 29.8 44.6



#16
Acetone
Concen: 101.265 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 43 Resp: 53395
Ion Ratio Lower Upper
43 100
58 38.6 22.0 33.0#

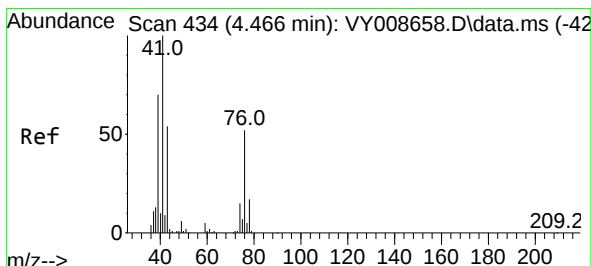
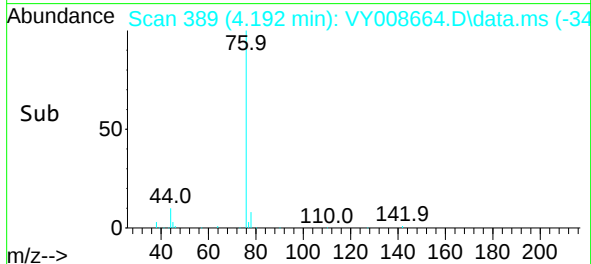
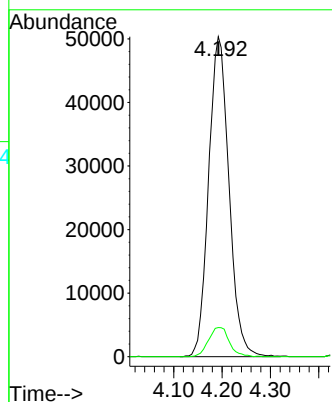
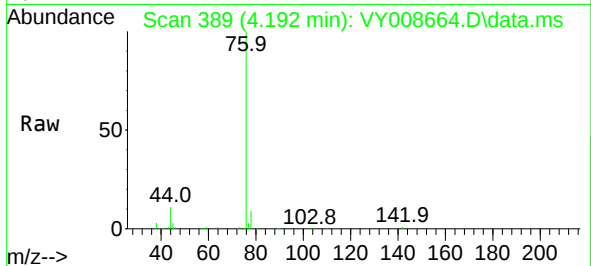




#17
Carbon Disulfide
Concen: 20.335 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

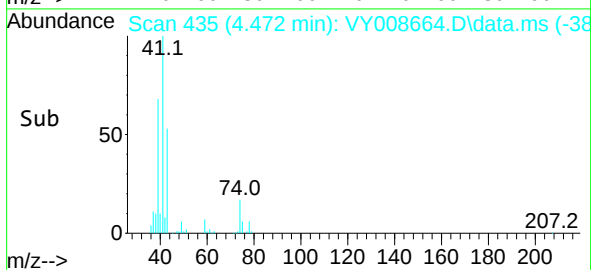
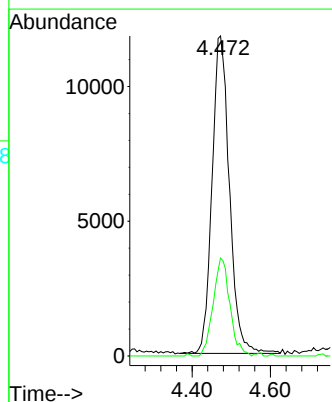
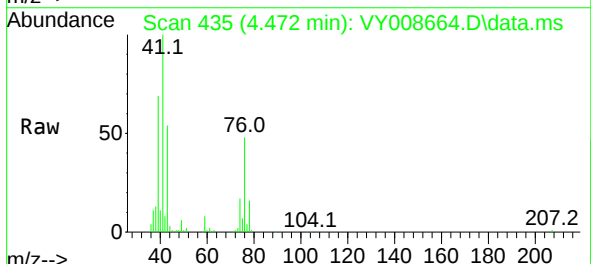
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

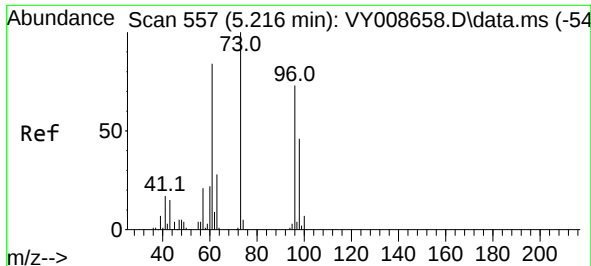
Tgt Ion: 76 Resp: 147254
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 22.291 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 43 Resp: 36208
Ion Ratio Lower Upper
43 100
74 29.6 16.6 24.8#

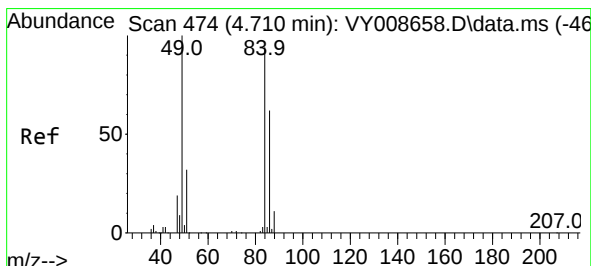
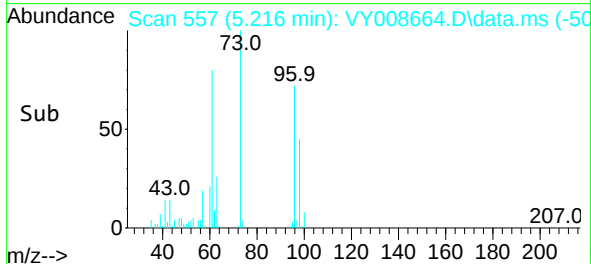
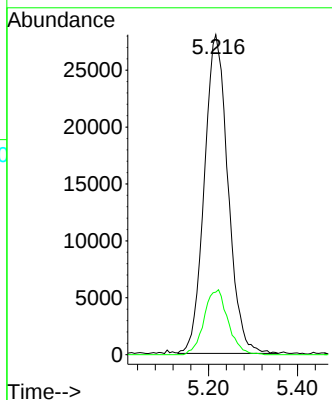
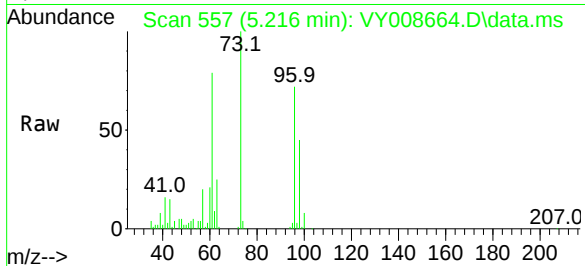




#19
Methyl tert-butyl Ether
Concen: 20.554 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

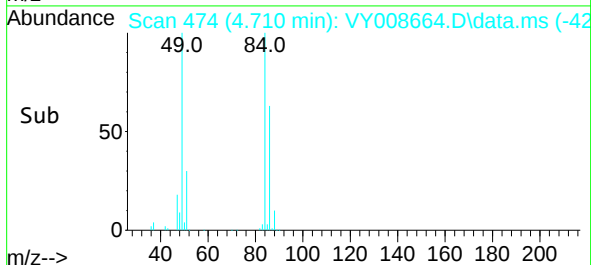
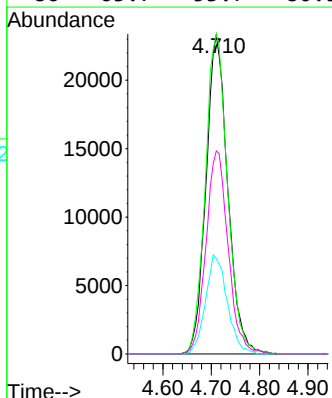
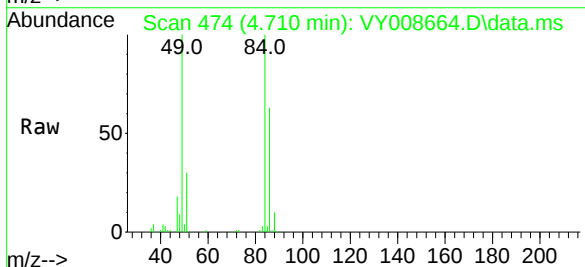
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBSD01

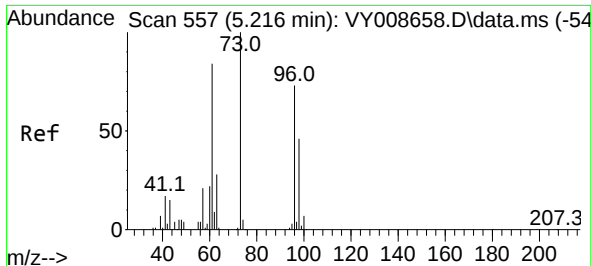
Tgt Ion: 73 Resp: 103454
Ion Ratio Lower Upper
73 100
57 19.6 18.6 27.8



#20
Methylene Chloride
Concen: 22.771 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 84 Resp: 72916
Ion Ratio Lower Upper
84 100
49 100.4 114.4 171.6#
51 29.9 35.3 52.9#
86 63.7 53.7 80.5

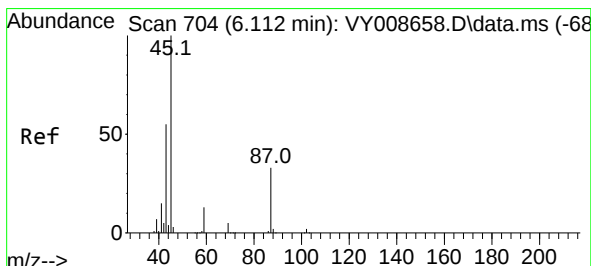
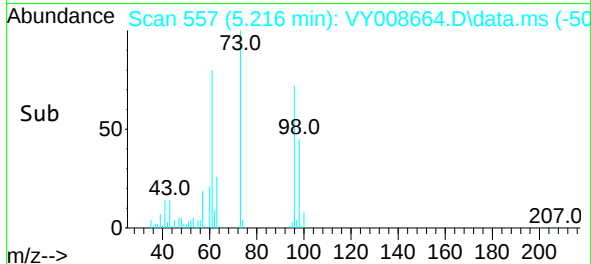
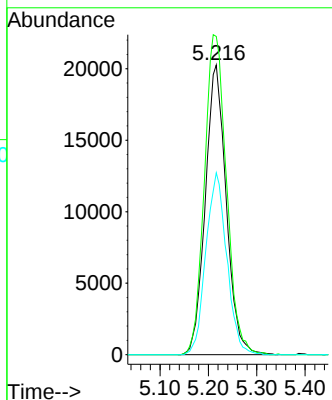
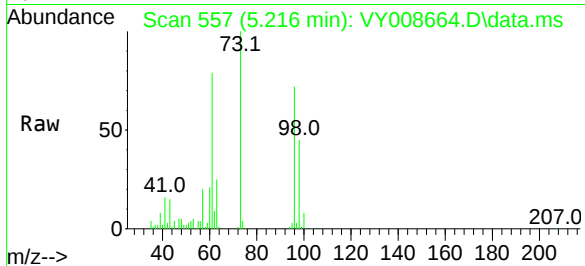




#21
trans-1,2-Dichloroethene
Concen: 19.866 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

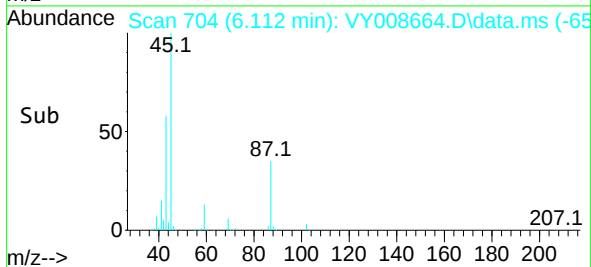
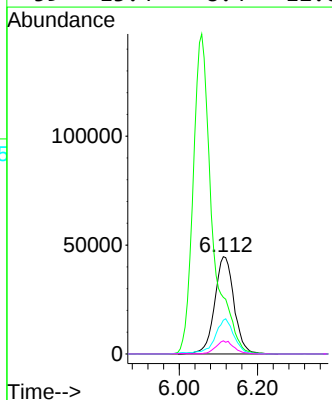
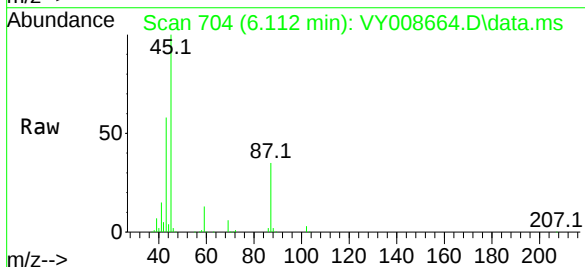
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBSD01

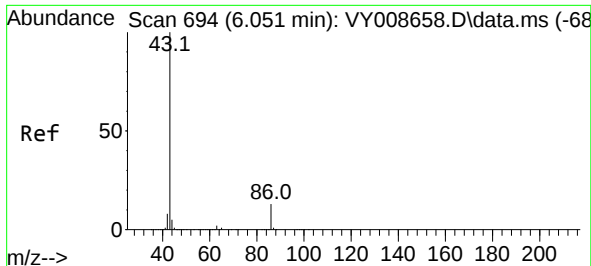
Tgt Ion: 96 Resp: 60964
Ion Ratio Lower Upper
96 100
61 109.8 120.5 180.7#
98 62.8 49.8 74.8



#22
Diisopropyl ether
Concen: 20.082 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 45 Resp: 153545
Ion Ratio Lower Upper
45 100
43 57.8 49.3 73.9
87 34.7 19.2 28.8#
59 13.4 8.4 12.6#

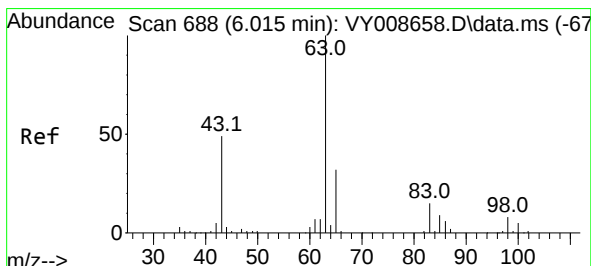
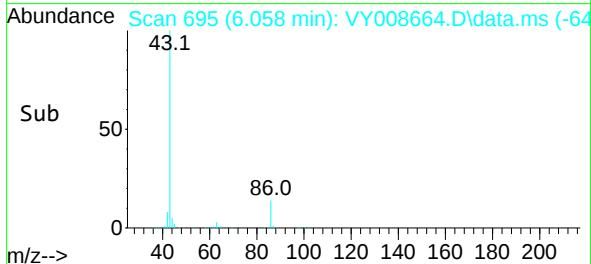
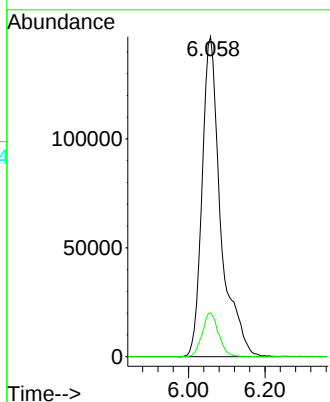
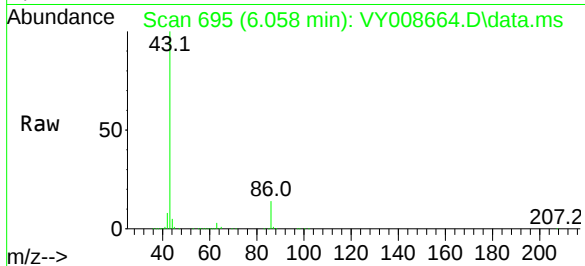




#23
 Vinyl Acetate
 Concen: 102.814 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: VY008664.D
 Acq: 09 May 2022 16:40

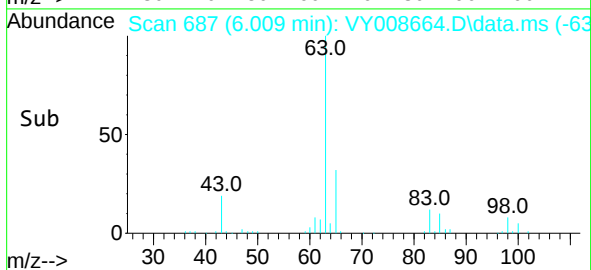
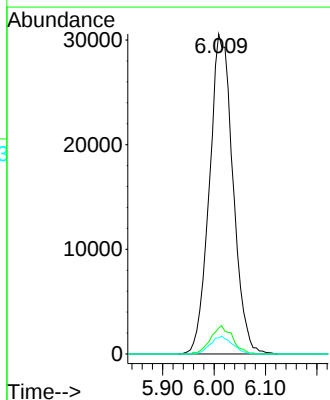
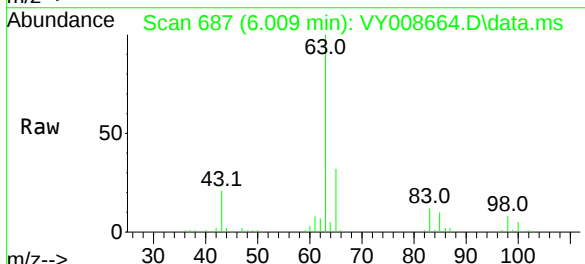
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBS01

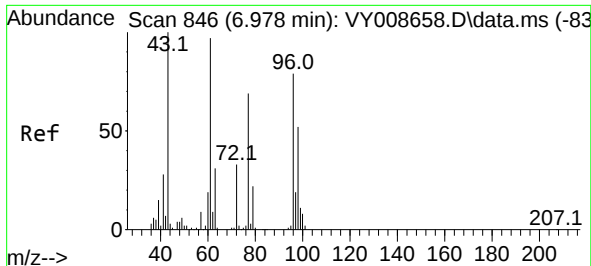
Tgt Ion: 43 Resp: 496555
 Ion Ratio Lower Upper
 43 100
 86 13.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.768 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY008664.D
 Acq: 09 May 2022 16:40

Tgt Ion: 63 Resp: 97046
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.8
 100 5.0 2.0 5.8

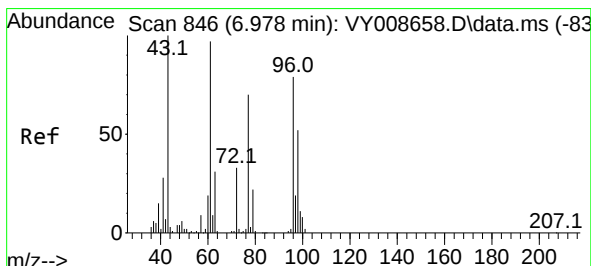
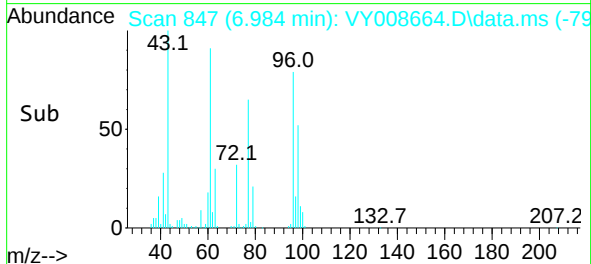
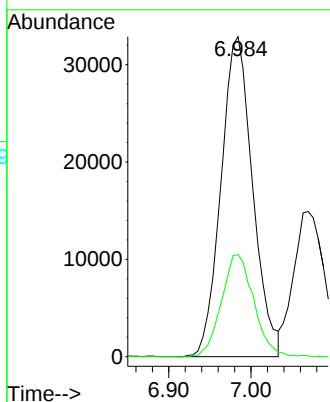
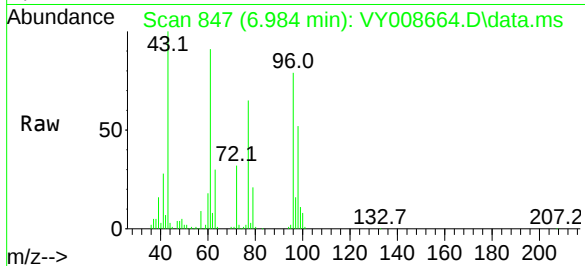




#25
2-Butanone
Concen: 101.656 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

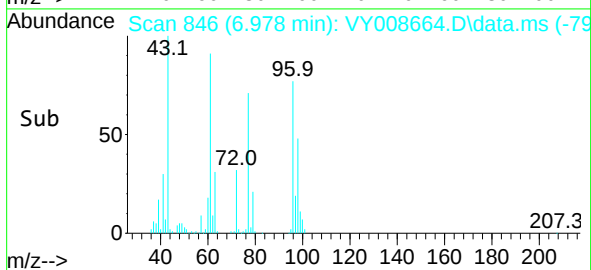
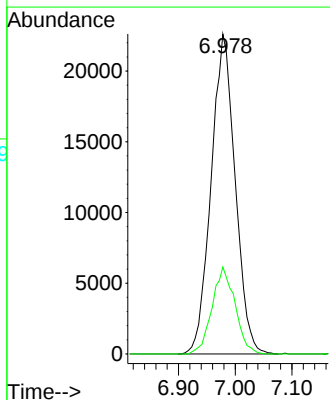
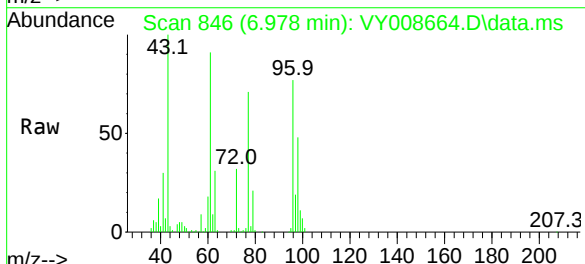
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

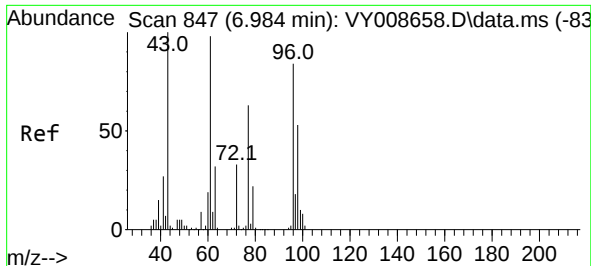
Tgt Ion: 43 Resp: 88111
Ion Ratio Lower Upper
43 100
72 31.9 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 20.293 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 77 Resp: 66603
Ion Ratio Lower Upper
77 100
97 25.9 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 19.964 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY008664.D

Acq: 09 May 2022 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

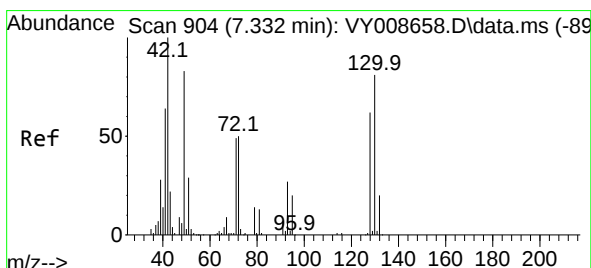
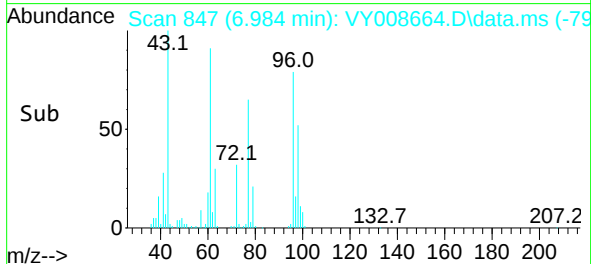
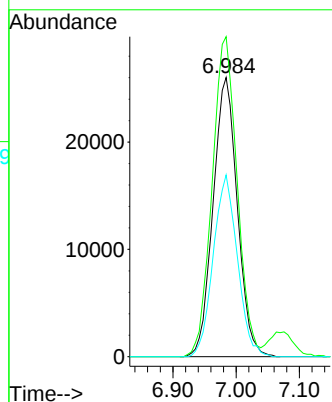
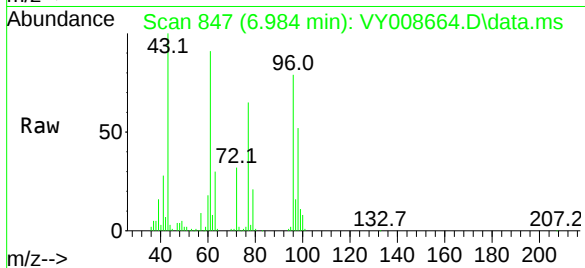
Tgt Ion: 96 Resp: 69261

Ion Ratio Lower Upper

96 100

61 118.1 0.0 319.8

98 64.8 0.0 127.0



#28

Bromochloromethane

Concen: 19.428 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY008664.D

Acq: 09 May 2022 16:40

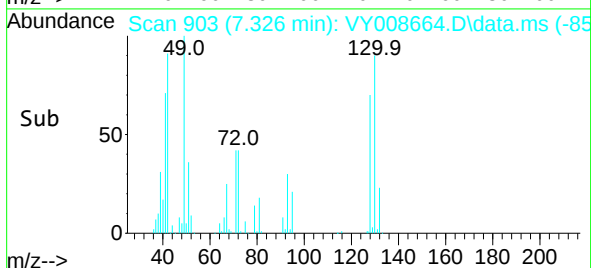
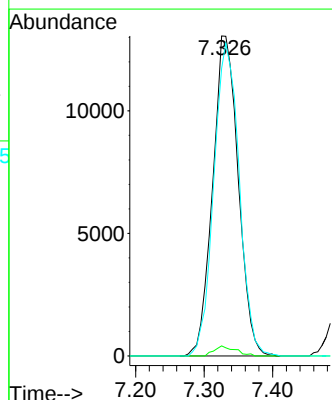
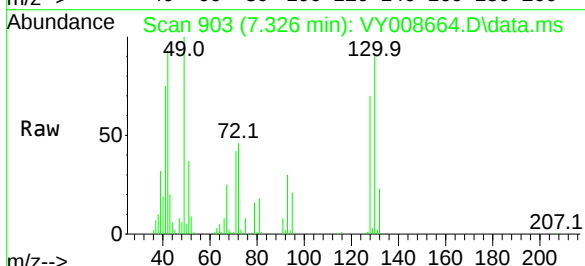
Tgt Ion: 49 Resp: 33823

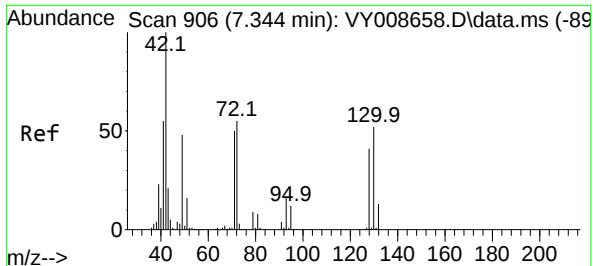
Ion Ratio Lower Upper

49 100

129 2.6 0.0 2.2#

130 97.1 55.4 83.0#





#29

Tetrahydrofuran

Concen: 102.602 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY008664.D

Acq: 09 May 2022 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

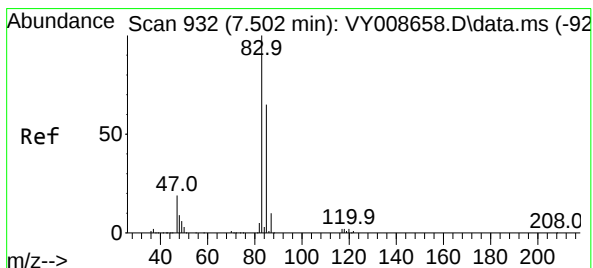
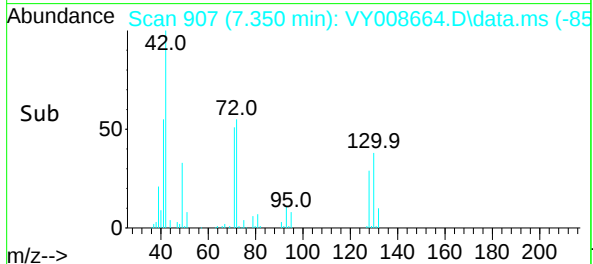
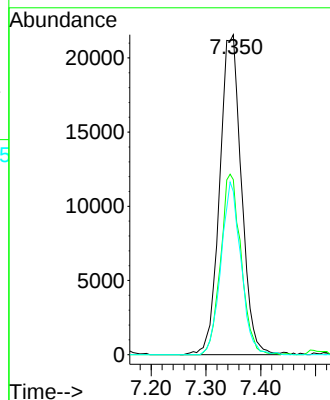
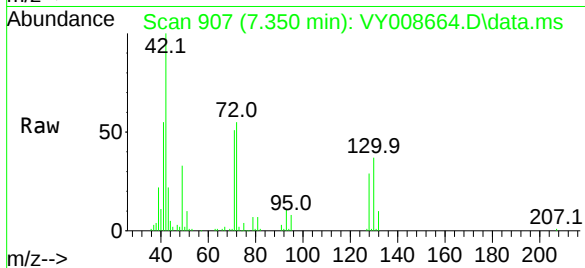
Tgt Ion: 42 Resp: 59435

Ion Ratio Lower Upper

42 100

72 53.1 30.3 45.5#

71 49.5 29.0 43.4#



#30

Chloroform

Concen: 20.140 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY008664.D

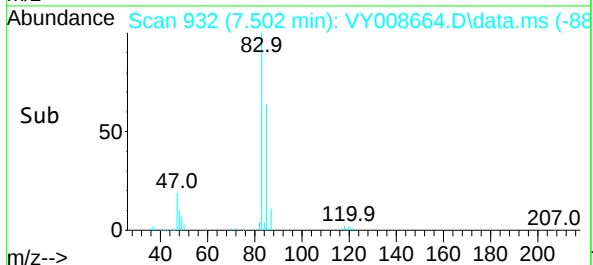
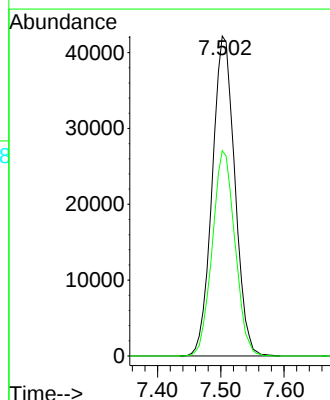
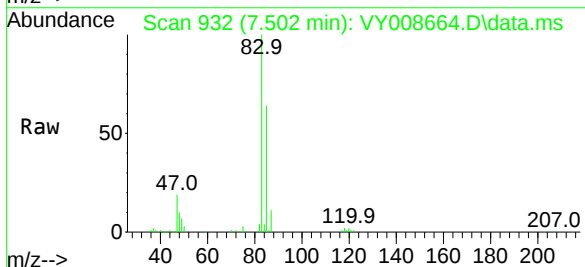
Acq: 09 May 2022 16:40

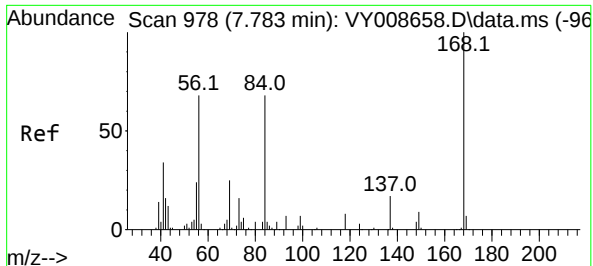
Tgt Ion: 83 Resp: 104565

Ion Ratio Lower Upper

83 100

85 64.2 51.8 77.6

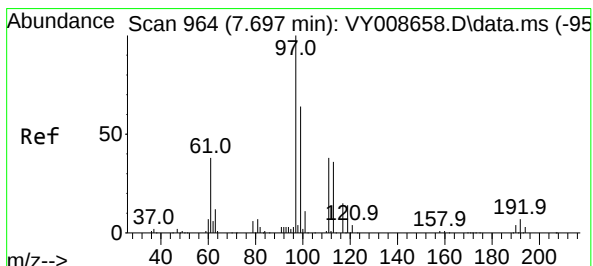
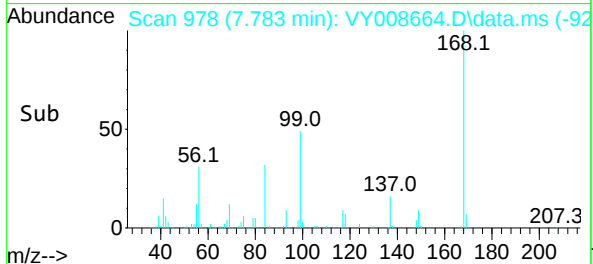
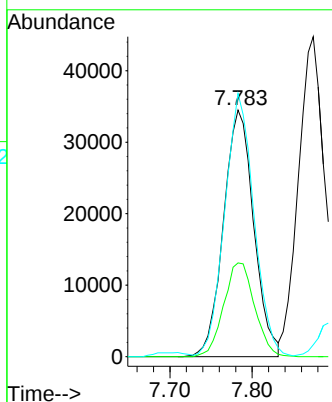
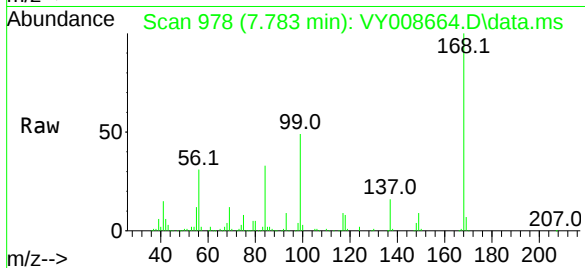




#31
Cyclohexane
Concen: 19.949 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

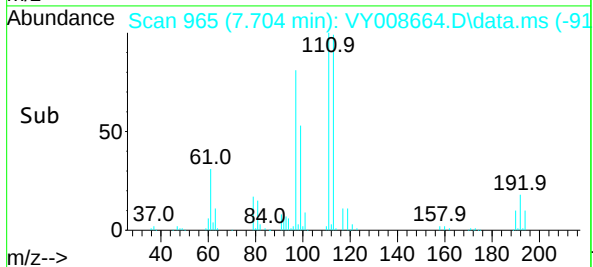
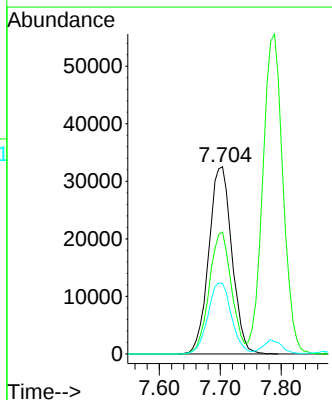
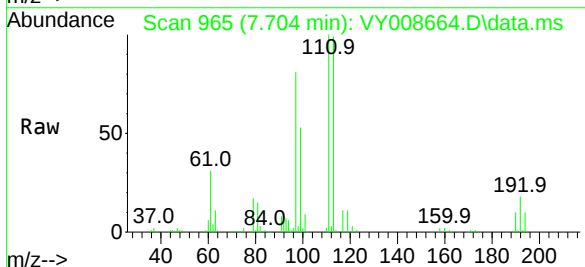
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

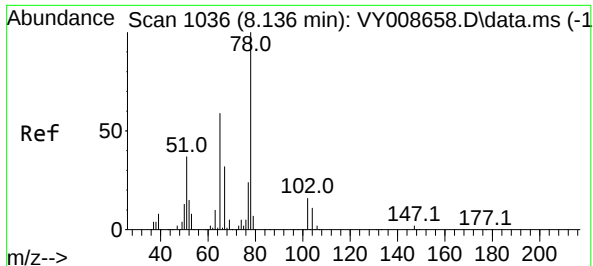
Tgt Ion: 56 Resp: 88195
Ion Ratio Lower Upper
56 100
69 38.1 26.7 40.1
84 105.1 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 20.118 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 97 Resp: 85600
Ion Ratio Lower Upper
97 100
99 62.8 50.7 76.1
61 38.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 48.146 ug/l

RT: 8.143 min Scan# 1107

Delta R.T. 0.007 min

Lab File: VY008664.D

Acq: 09 May 2022 16:40

Instrument :

MSVOA_Y

ClientSampleId :

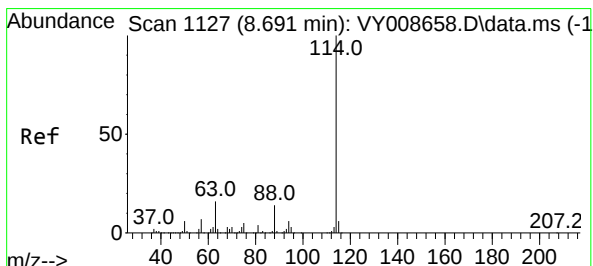
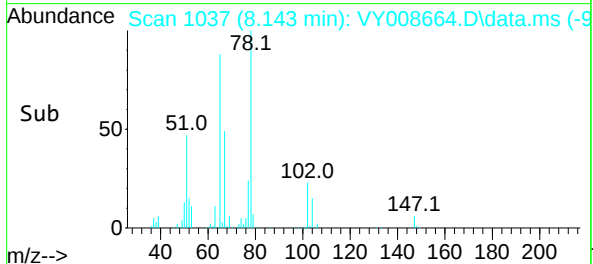
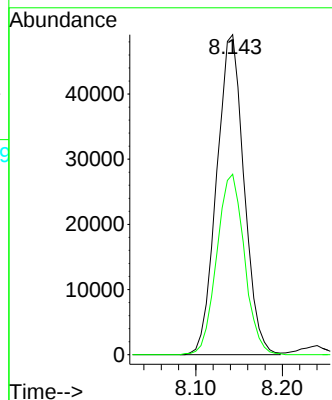
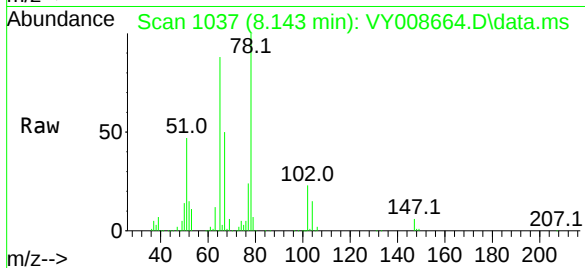
VY0509SBS01

Tgt Ion: 65 Resp: 107605

Ion Ratio Lower Upper

65 100

67 56.9 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: VY008664.D

Acq: 09 May 2022 16:40

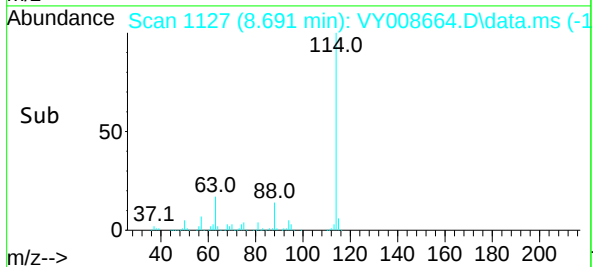
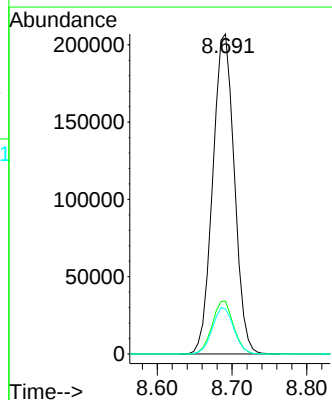
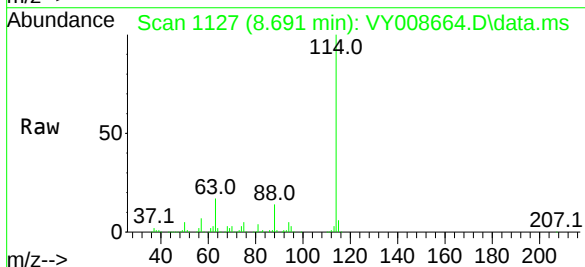
Tgt Ion: 114 Resp: 416203

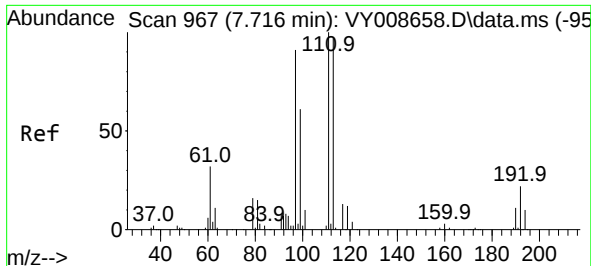
Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 14.1 0.0 31.8

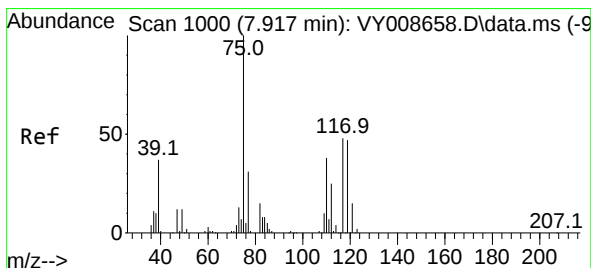
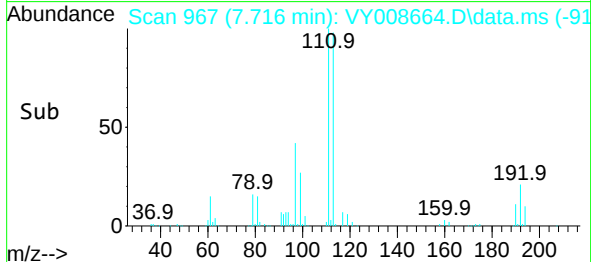
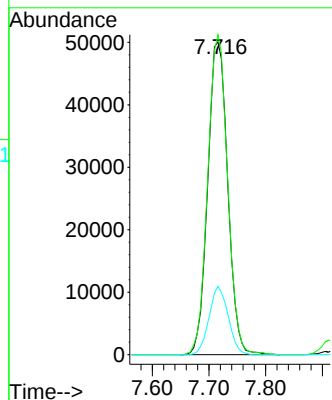
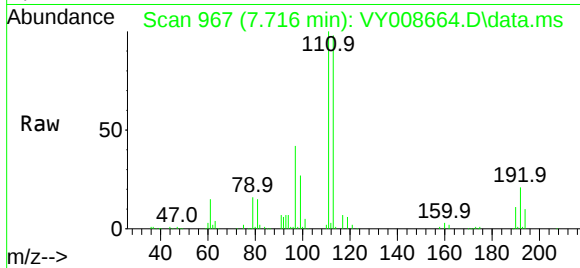




#35
Dibromofluoromethane
Concen: 47.845 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

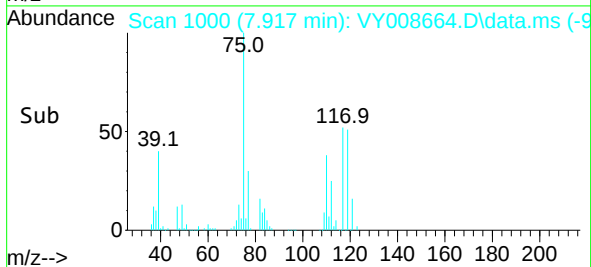
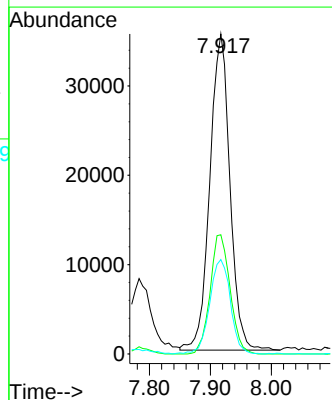
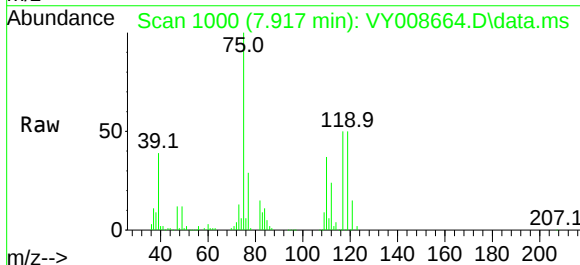
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

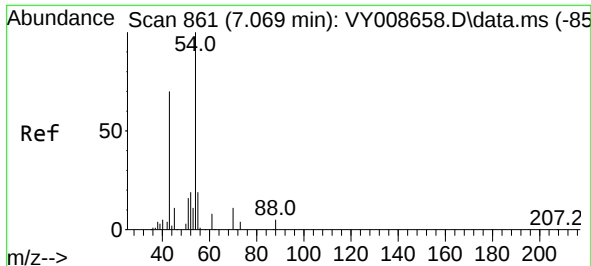
Tgt Ion:113 Resp: 122713
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 20.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 19.698 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 75 Resp: 81173
Ion Ratio Lower Upper
75 100
110 37.5 17.1 51.2
77 30.8 24.4 36.6

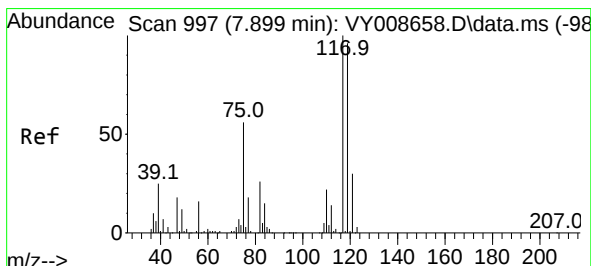
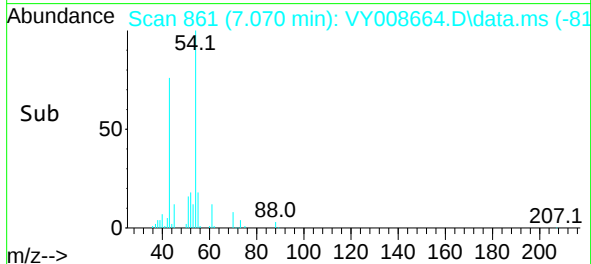
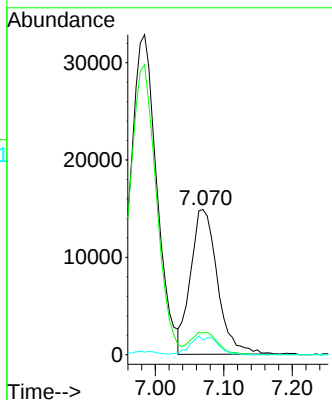
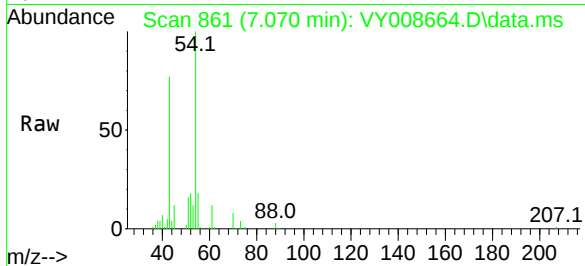




#37
Ethyl Acetate
Concen: 19.812 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.001 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

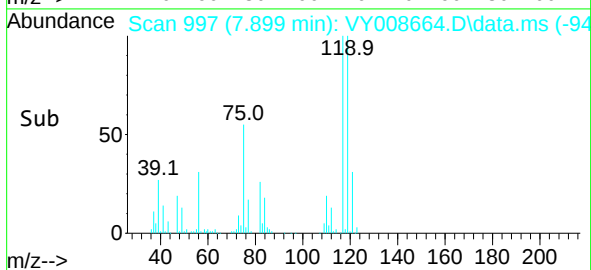
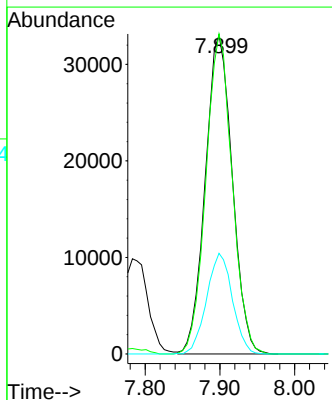
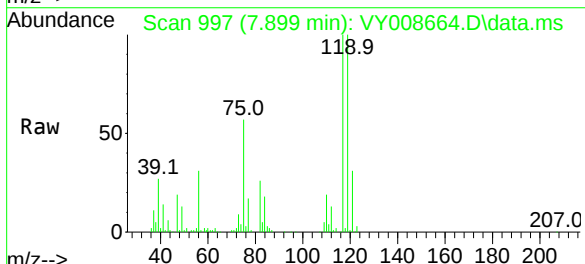
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

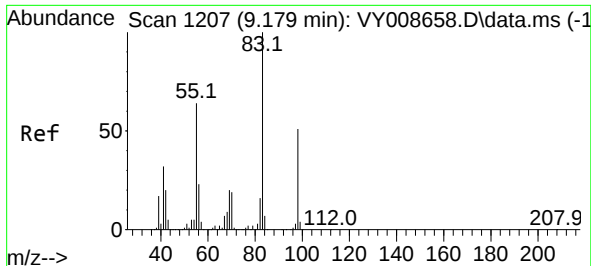
Tgt Ion: 43 Resp: 40596
Ion Ratio Lower Upper
43 100
61 15.8 9.7 14.5#
70 12.8 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 19.883 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 117 Resp: 82872
Ion Ratio Lower Upper
117 100
119 100.3 77.9 116.9
121 31.5 24.8 37.2





#39

Methylcyclohexane

Concen: 19.560 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008664.D

Acq: 09 May 2022 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

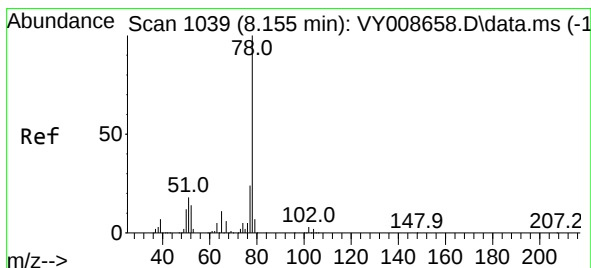
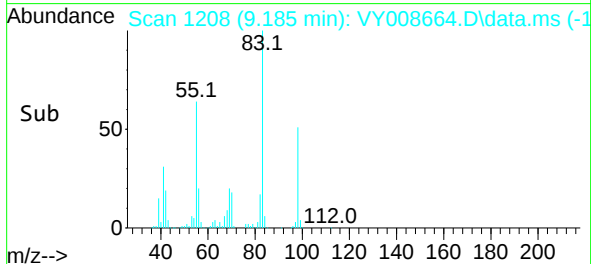
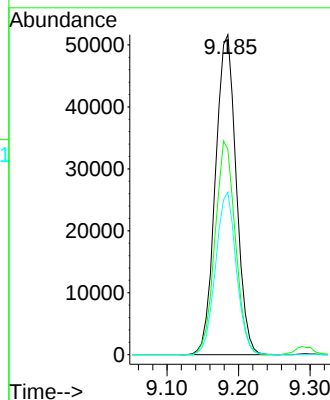
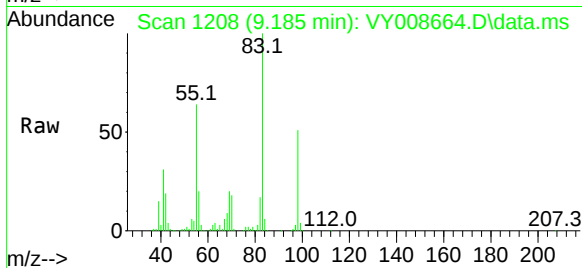
Tgt Ion: 83 Resp: 104249

Ion Ratio Lower Upper

83 100

55 64.1 66.5 99.7#

98 50.8 37.9 56.9



#40

Benzene

Concen: 19.589 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY008664.D

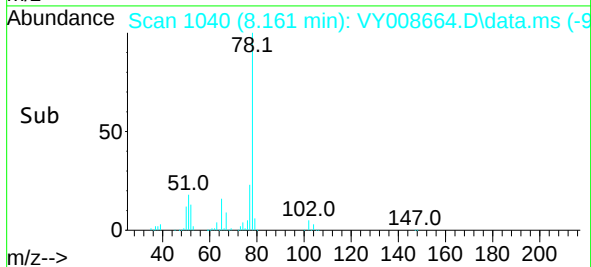
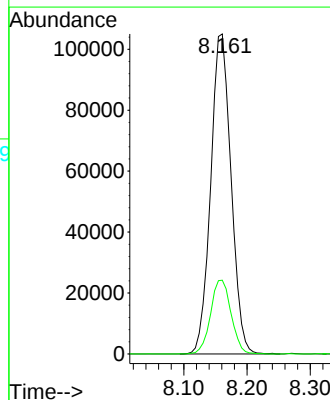
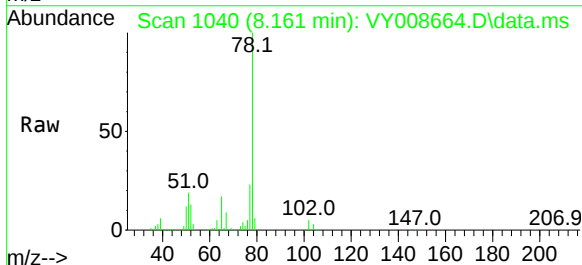
Acq: 09 May 2022 16:40

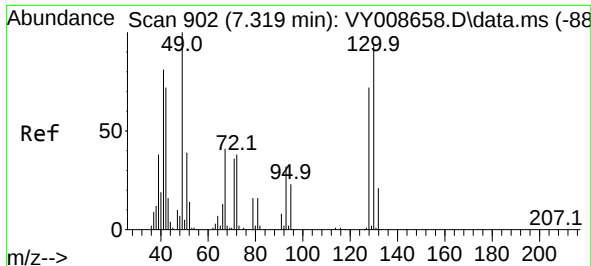
Tgt Ion: 78 Resp: 234542

Ion Ratio Lower Upper

78 100

77 23.1 20.4 30.6

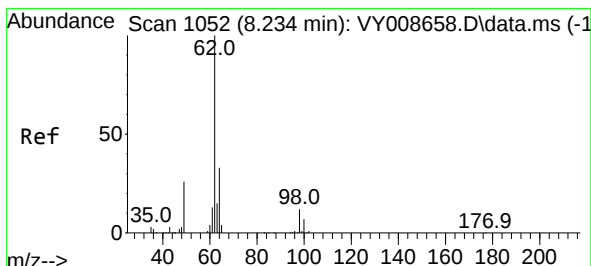
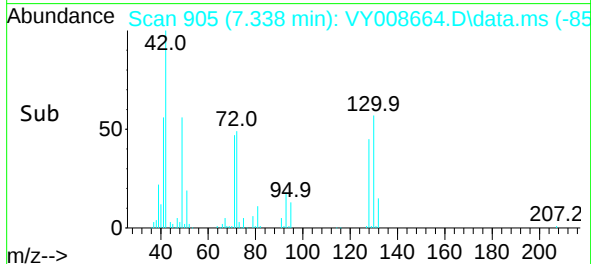
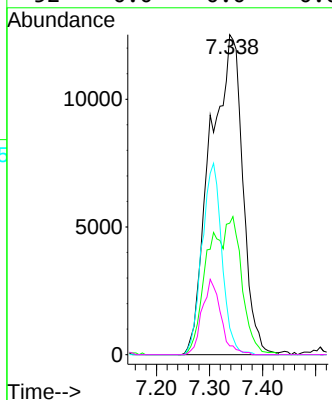
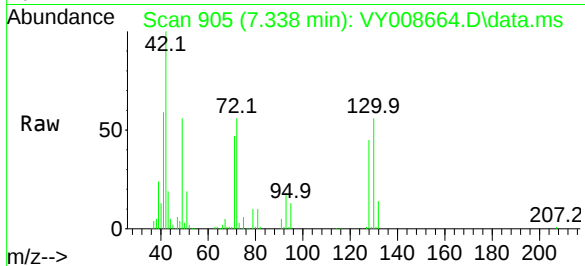




#41
Methacrylonitrile
Concen: 47.034 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.019 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

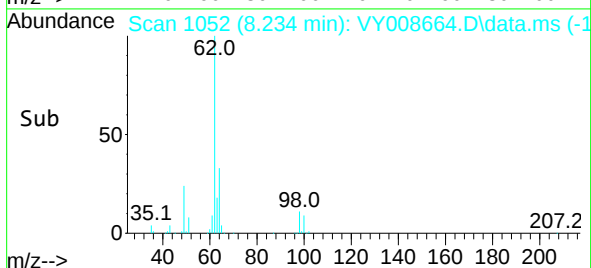
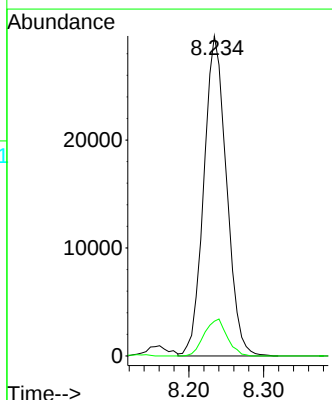
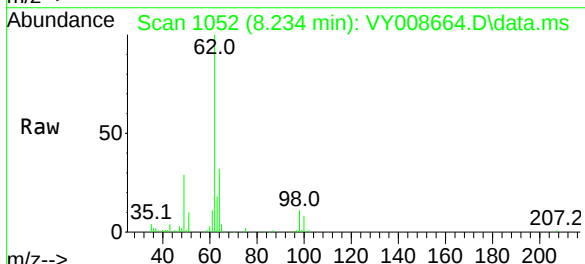
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

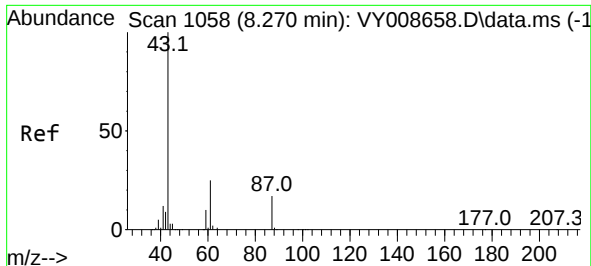
Tgt Ion: 41 Resp: 53099
Ion Ratio Lower Upper
41 100
39 21.9 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.163 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 62 Resp: 62578
Ion Ratio Lower Upper
62 100
98 11.6 0.0 14.8





#43

Isopropyl Acetate

Concen: 20.006 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.001 min

Lab File: VY008664.D

Acq: 09 May 2022 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

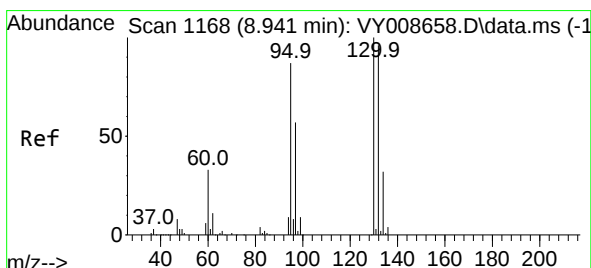
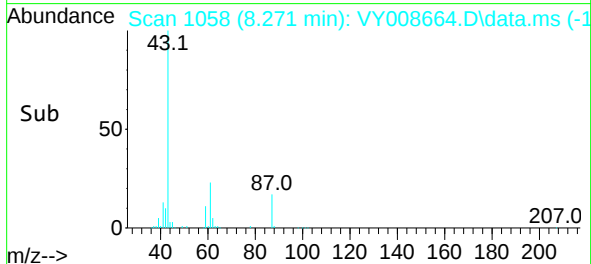
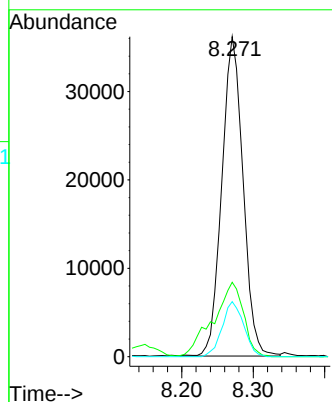
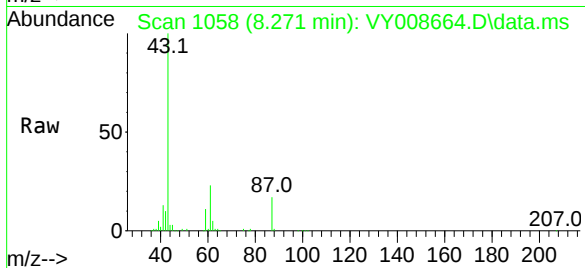
Tgt Ion: 43 Resp: 74466

Ion Ratio Lower Upper

43 100

61 33.3 20.2 30.2#

87 17.5 8.9 13.3#



#44

Trichloroethene

Concen: 19.672 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY008664.D

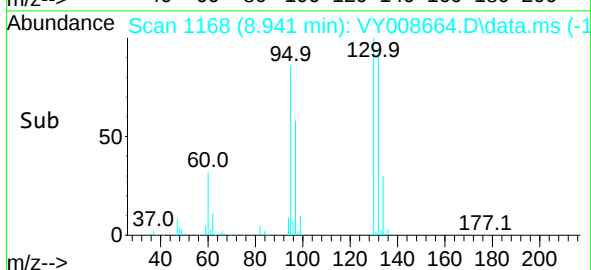
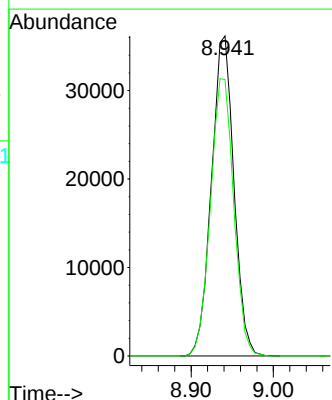
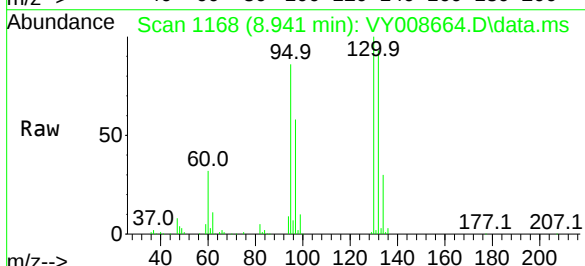
Acq: 09 May 2022 16:40

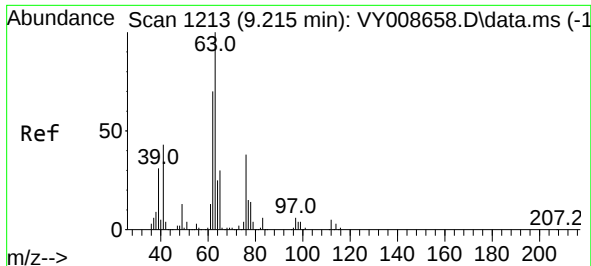
Tgt Ion:130 Resp: 68735

Ion Ratio Lower Upper

130 100

95 86.4 0.0 188.2

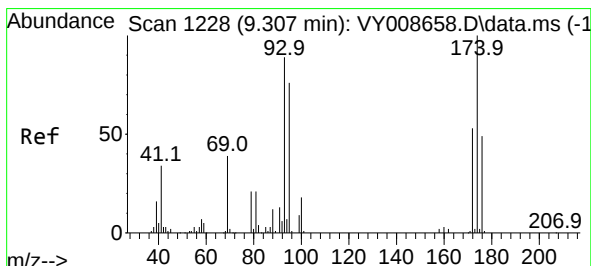
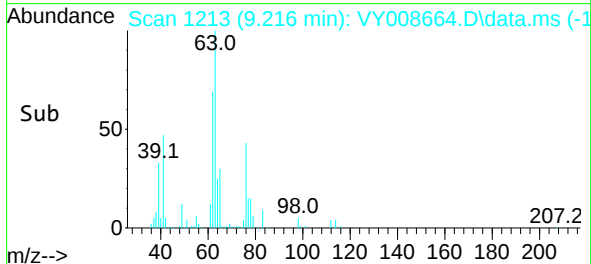
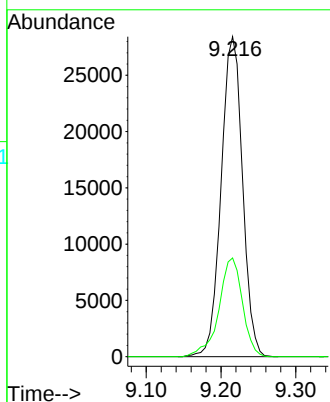
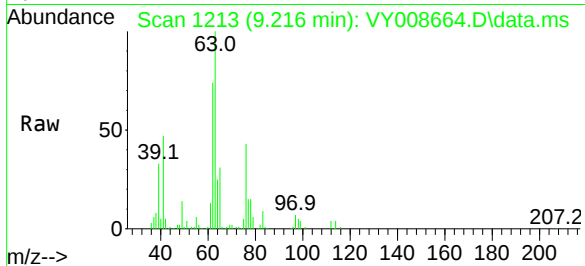




#45
1,2-Dichloropropane
Concen: 19.363 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.001 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

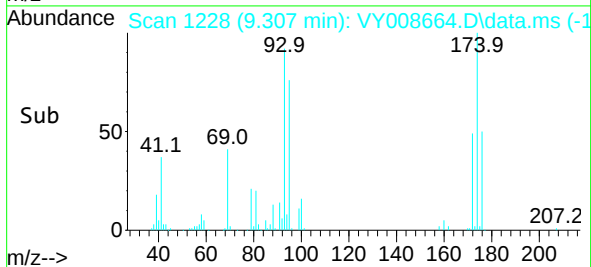
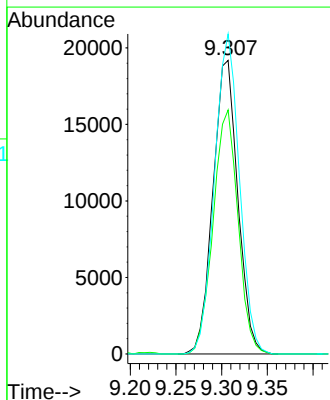
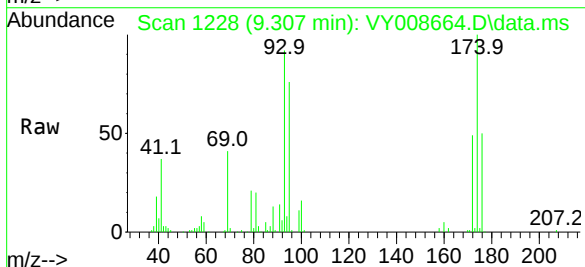
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

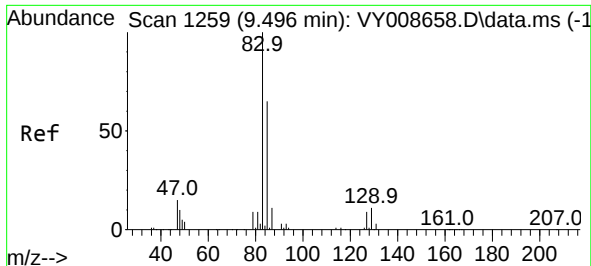
Tgt Ion: 63 Resp: 56563
Ion Ratio Lower Upper
63 100
65 30.9 23.0 34.6



#46
Dibromomethane
Concen: 19.885 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 93 Resp: 36356
Ion Ratio Lower Upper
93 100
95 82.8 64.3 96.5
174 108.9 83.4 125.0

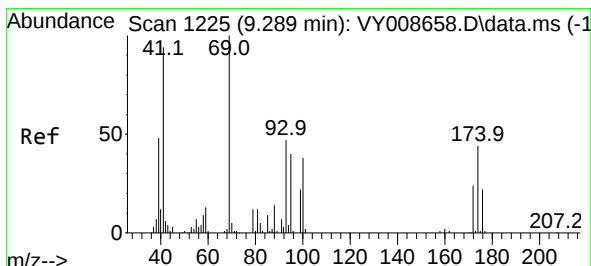
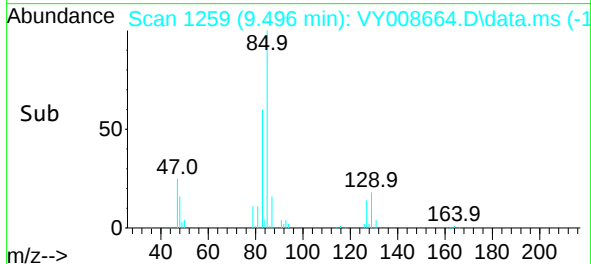
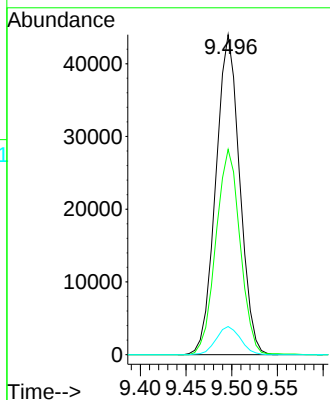
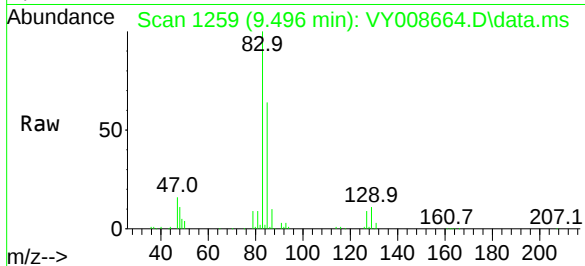




#47
Bromodichloromethane
Concen: 19.608 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

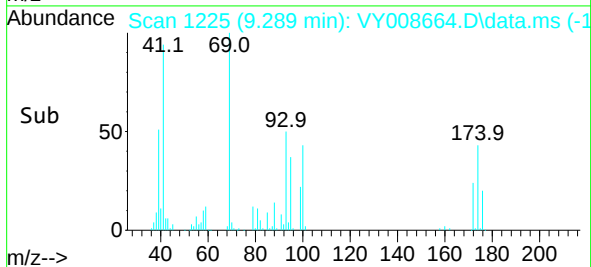
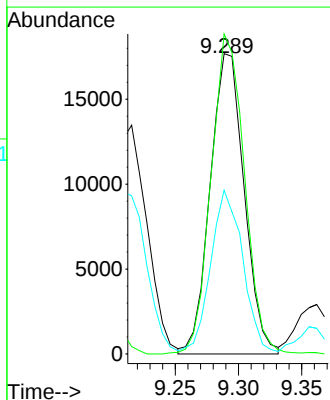
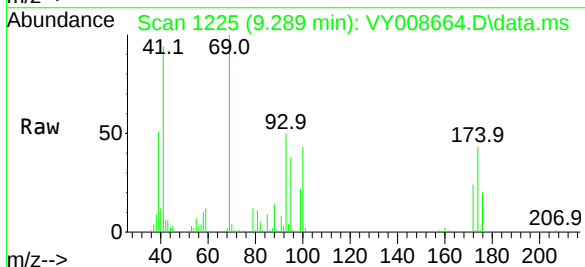
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBSD01

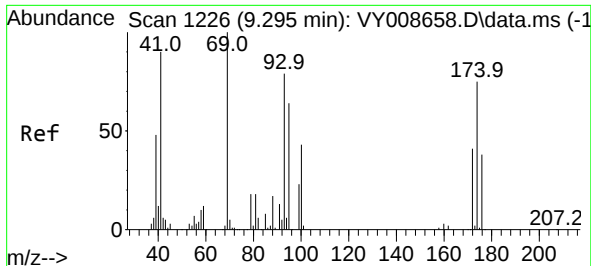
Tgt Ion:	83	Resp:	80049
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.9	77.9
127	8.8	6.6	10.0



#48
Methyl methacrylate
Concen: 20.412 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion:	41	Resp:	33074
Ion	Ratio	Lower	Upper
41	100		
69	104.5	58.2	87.2#
39	50.3	47.4	71.0





#49

1,4-Dioxane

Concen: 374.414 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY008664.D

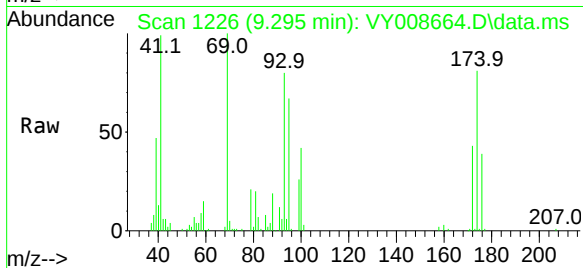
Acq: 09 May 2022 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01



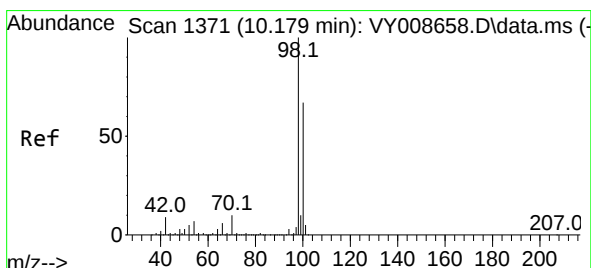
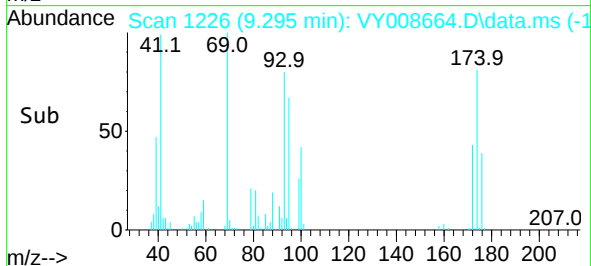
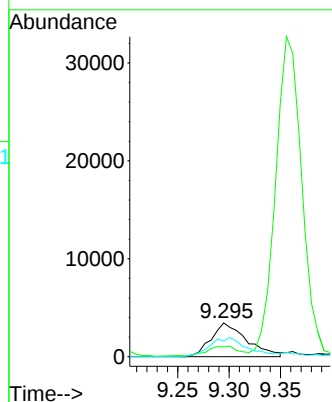
Tgt Ion: 88 Resp: 8278

Ion Ratio Lower Upper

88 100

43 30.5 32.8 49.2#

58 58.6 59.8 89.6#



#50

Toluene-d8

Concen: 47.608 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008664.D

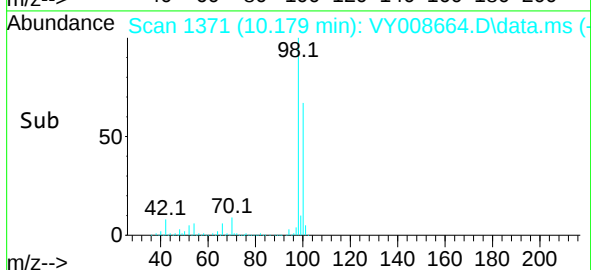
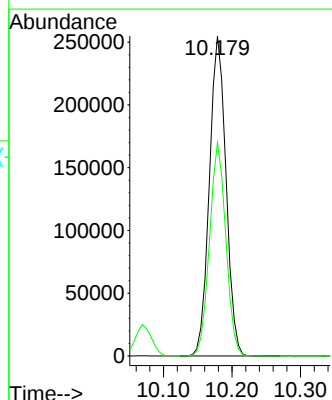
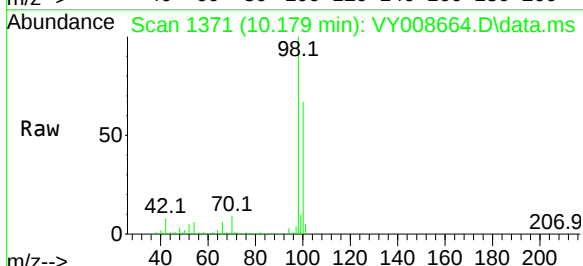
Acq: 09 May 2022 16:40

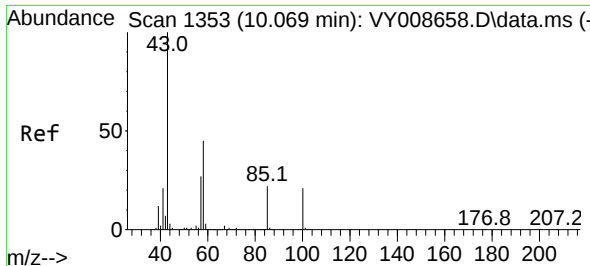
Tgt Ion: 98 Resp: 430298

Ion Ratio Lower Upper

98 100

100 65.5 50.2 75.2

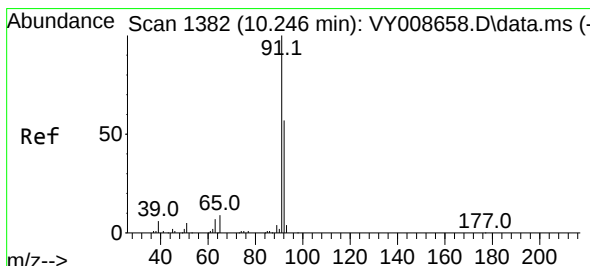
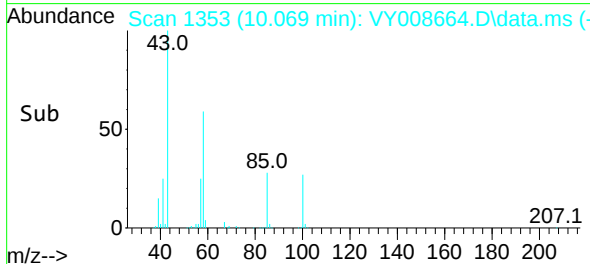
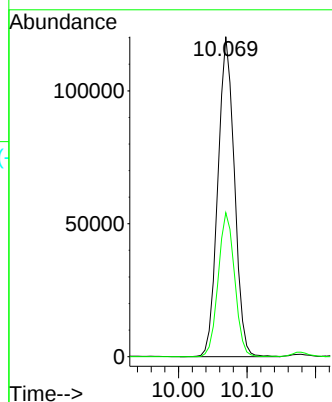
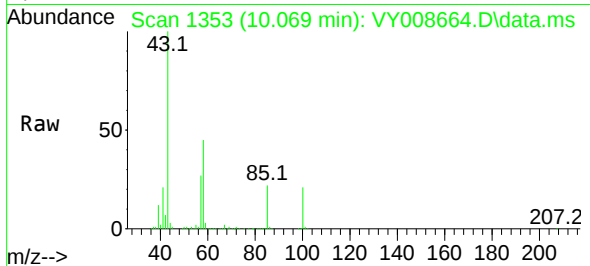




#51
4-Methyl-2-Pentanone
Concen: 103.518 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

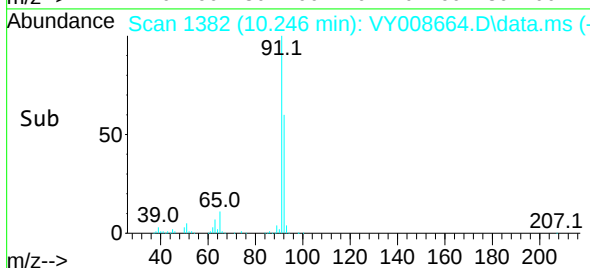
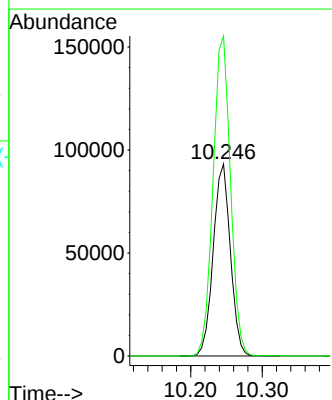
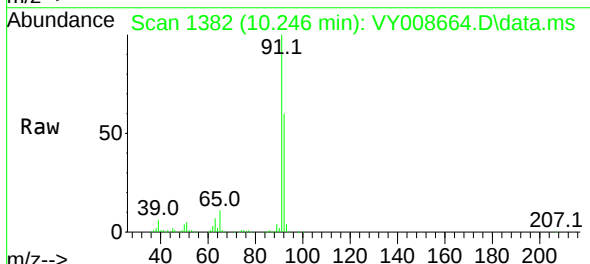
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

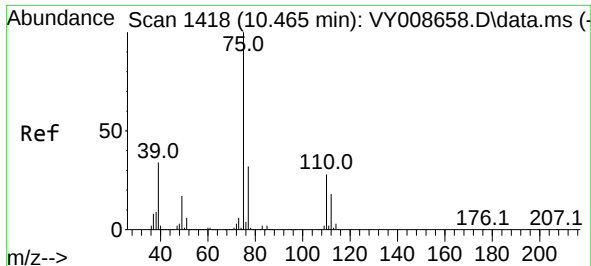
Tgt Ion: 43 Resp: 201527
Ion Ratio Lower Upper
43 100
58 44.6 28.1 42.1#



#52
Toluene
Concen: 19.896 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 92 Resp: 155083
Ion Ratio Lower Upper
92 100
91 169.5 142.6 213.8

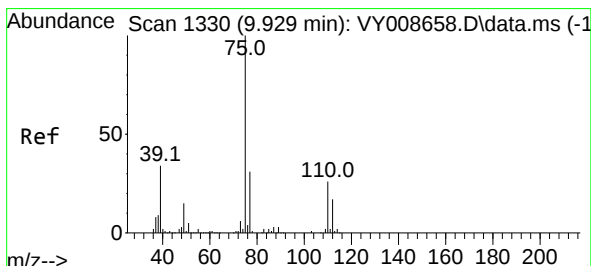
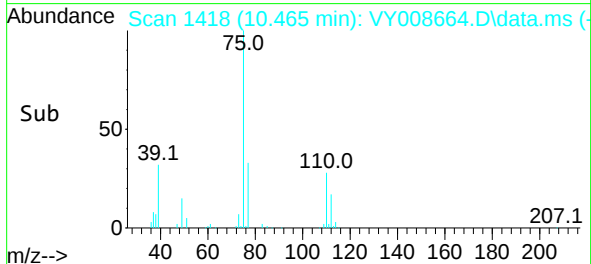
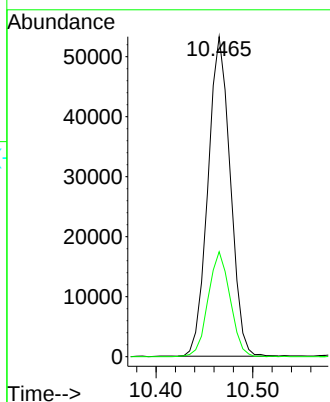
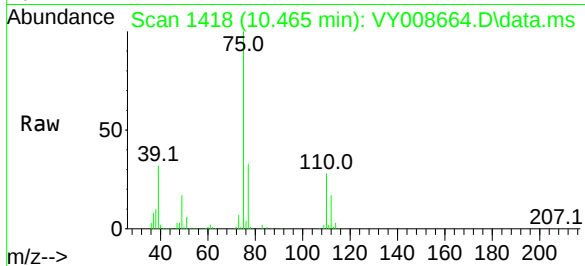




#53
 t-1,3-Dichloropropene
 Concen: 19.501 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008664.D
 Acq: 09 May 2022 16:40

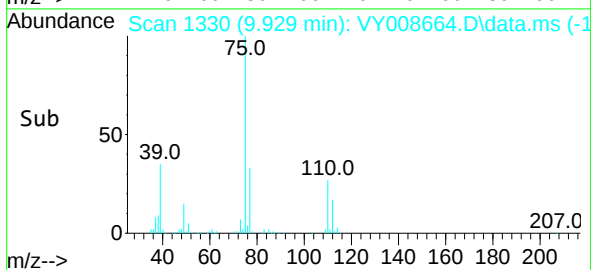
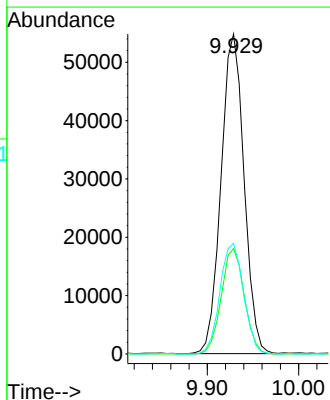
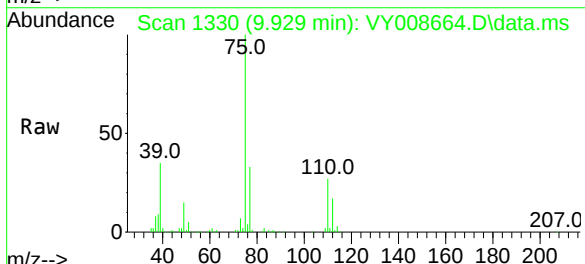
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBS01

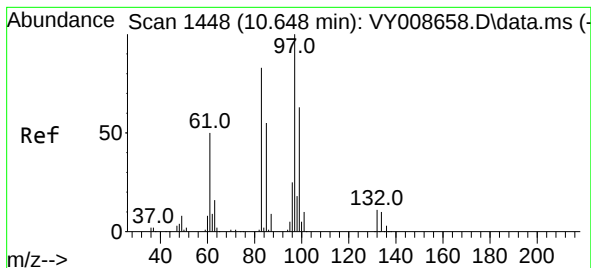
Tgt Ion: 75 Resp: 85552
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.104 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY008664.D
 Acq: 09 May 2022 16:40

Tgt Ion: 75 Resp: 95643
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.6 38.4
 39 34.6 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 20.061 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY008664.D

Acq: 09 May 2022 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

Tgt Ion: 97 Resp: 52306

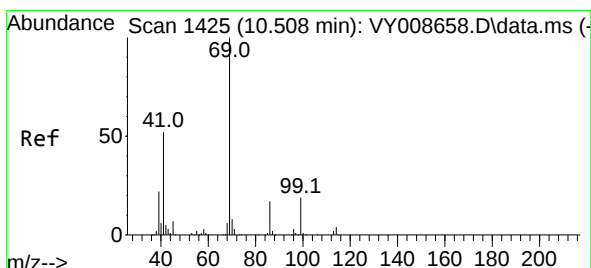
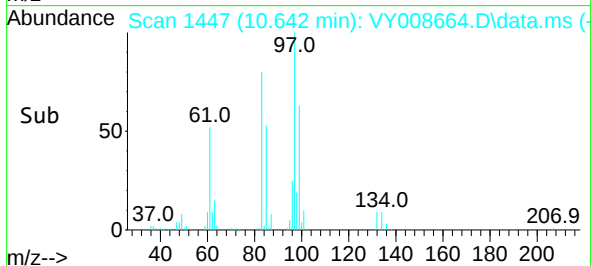
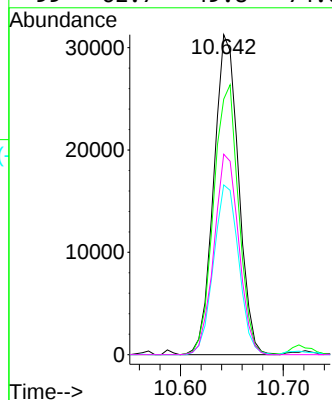
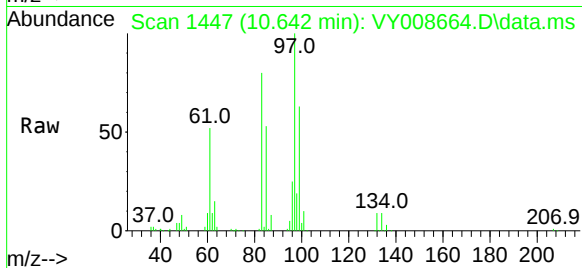
Ion Ratio Lower Upper

97 100

83 79.8 69.8 104.8

85 53.0 44.3 66.5

99 62.7 49.8 74.6



#56

Ethyl methacrylate

Concen: 20.000 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY008664.D

Acq: 09 May 2022 16:40

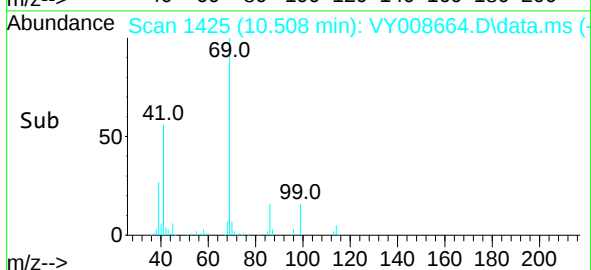
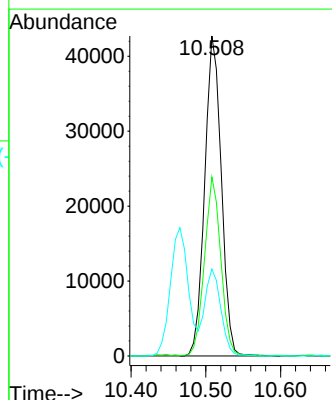
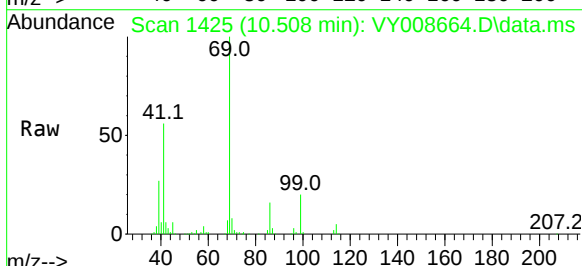
Tgt Ion: 69 Resp: 65987

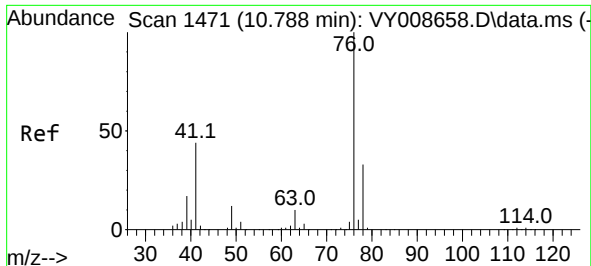
Ion Ratio Lower Upper

69 100

41 55.1 63.4 95.0#

39 26.1 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 19.690 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008664.D

Acq: 09 May 2022 16:40

Instrument :

MSVOA_Y

ClientSampleId :

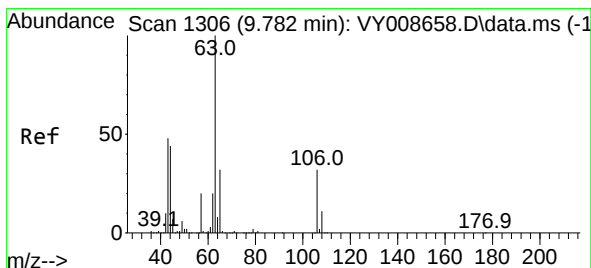
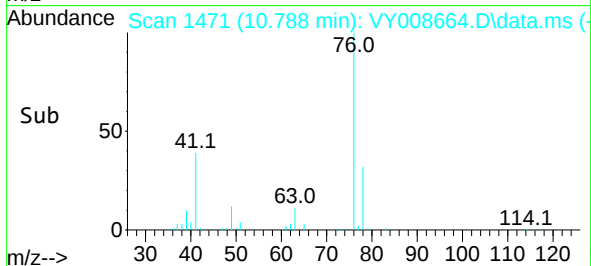
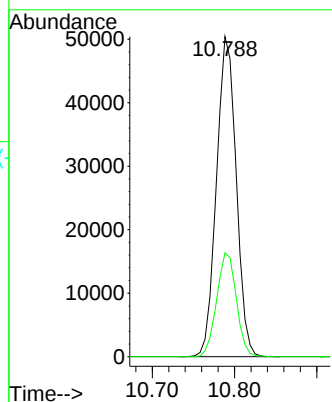
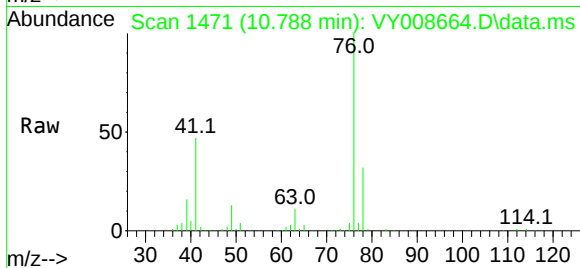
VY0509SBS01

Tgt Ion: 76 Resp: 83976

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 94.302 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008664.D

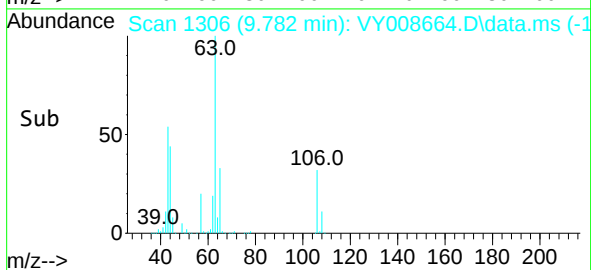
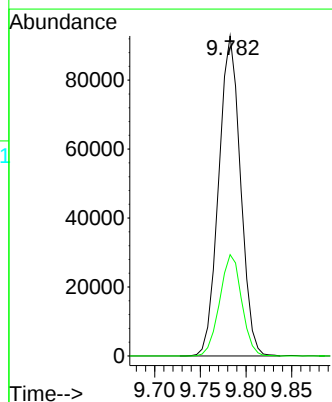
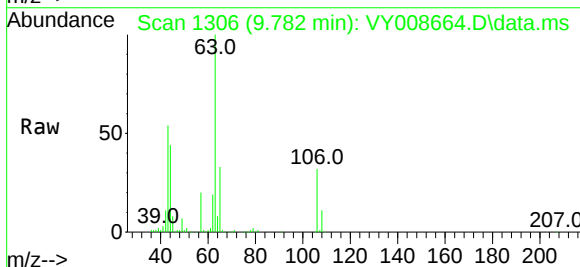
Acq: 09 May 2022 16:40

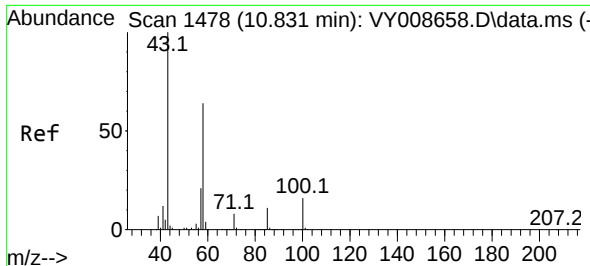
Tgt Ion: 63 Resp: 154060

Ion Ratio Lower Upper

63 100

106 31.9 21.5 32.3

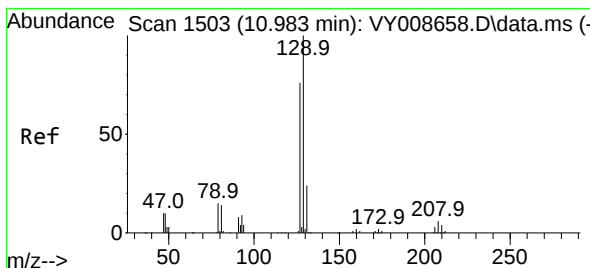
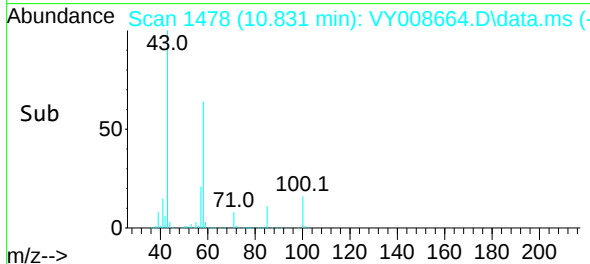
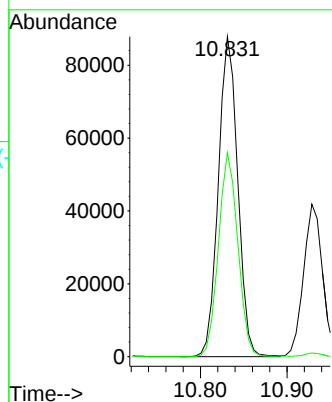
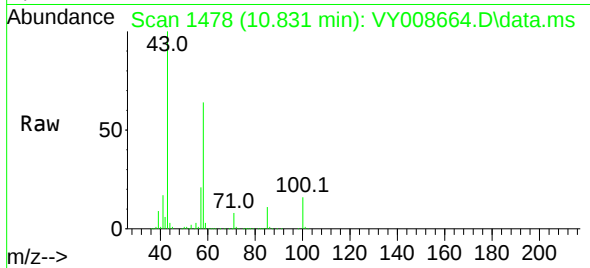




#59
2-Hexanone
Concen: 102.531 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

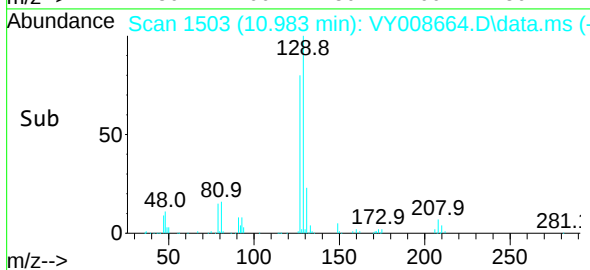
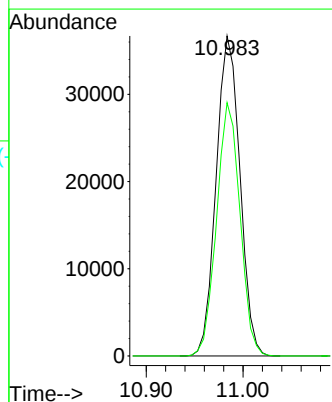
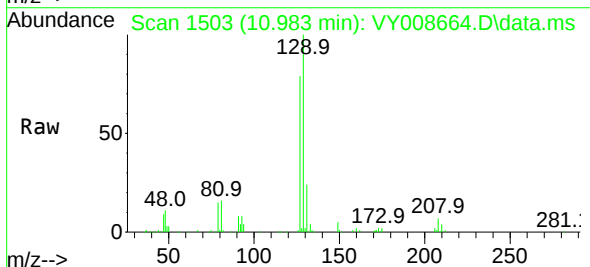
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

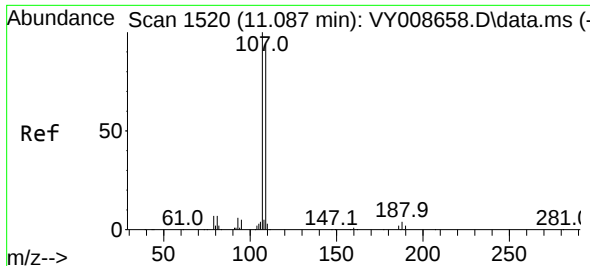
Tgt Ion: 43 Resp: 136710
Ion Ratio Lower Upper
43 100
58 63.7 24.4 73.4



#60
Dibromochloromethane
Concen: 19.775 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 129 Resp: 62610
Ion Ratio Lower Upper
129 100
127 77.9 38.7 116.1

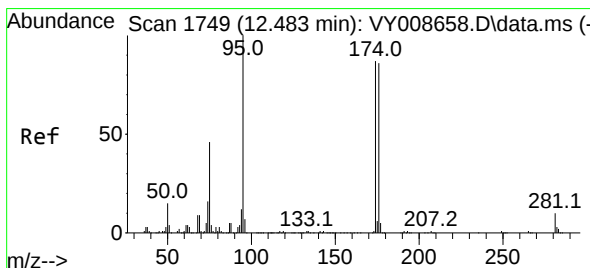
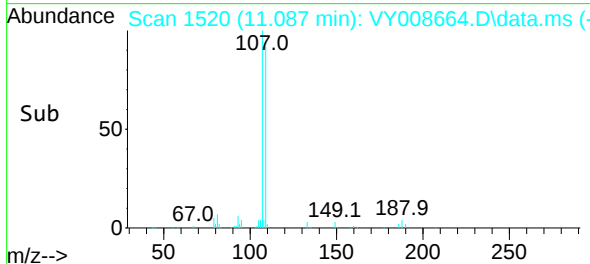
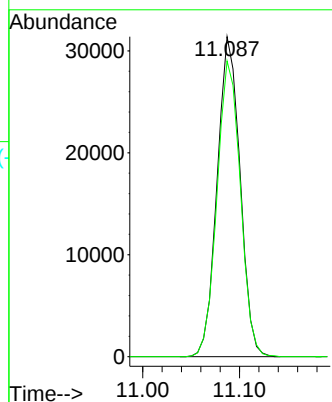
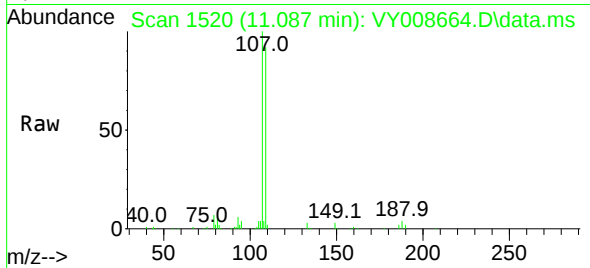




#61
1,2-Dibromoethane
Concen: 20.052 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

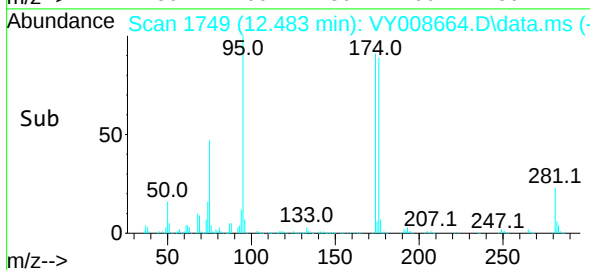
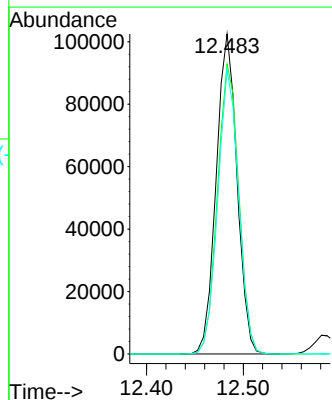
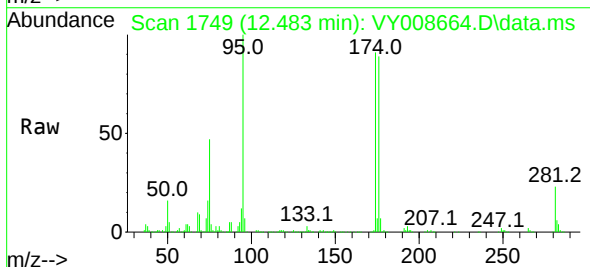
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBSD01

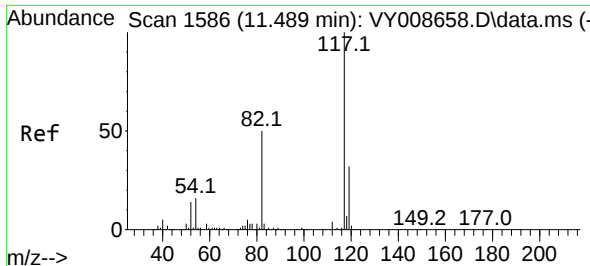
Tgt Ion:107 Resp: 51520
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.142 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 95 Resp: 153292
Ion Ratio Lower Upper
95 100
174 92.6 0.0 177.0
176 88.6 0.0 175.8

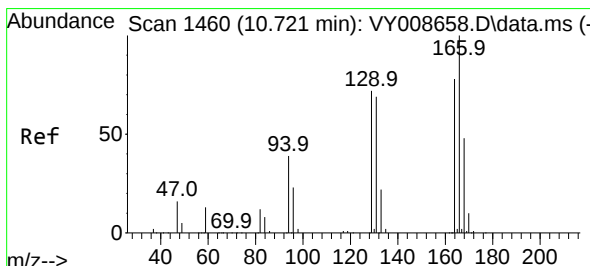
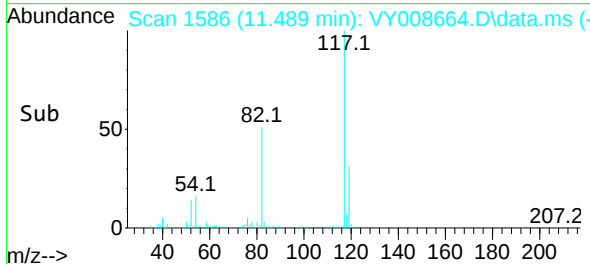
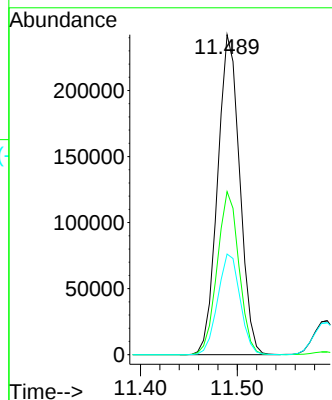
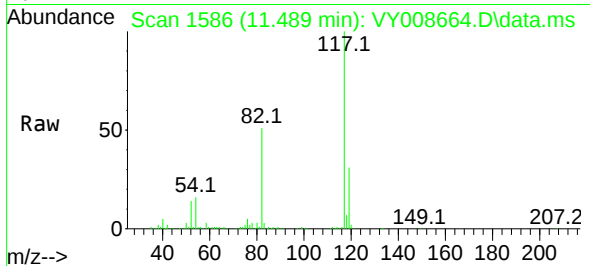




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

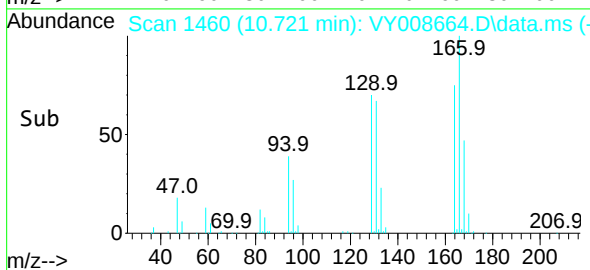
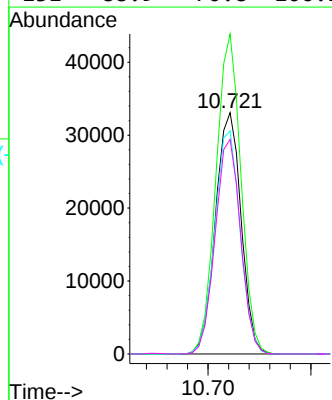
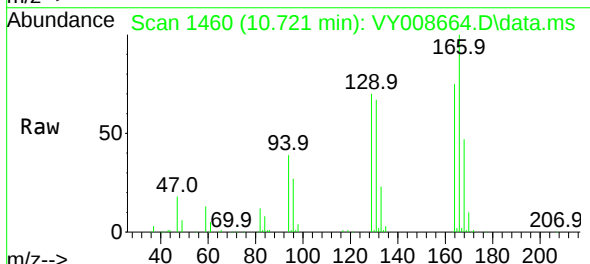
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

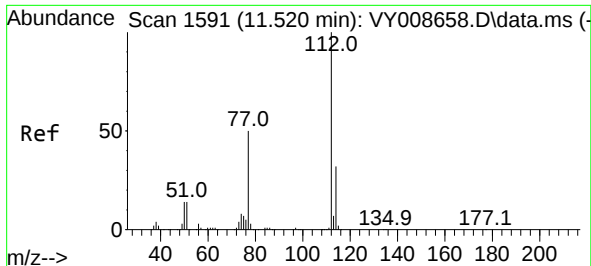
Tgt Ion:117 Resp: 383989
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 31.4 25.4 38.0



#64
Tetrachloroethene
Concen: 19.119 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion:164 Resp: 57223
Ion Ratio Lower Upper
164 100
166 132.6 100.4 150.6
129 92.4 71.4 107.0
131 88.9 70.8 106.2

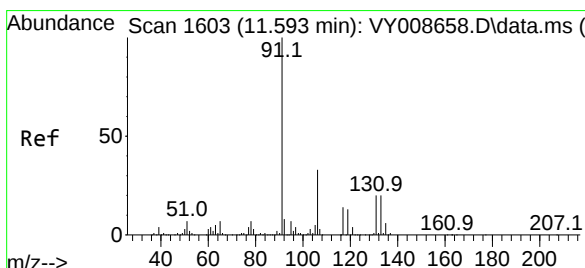
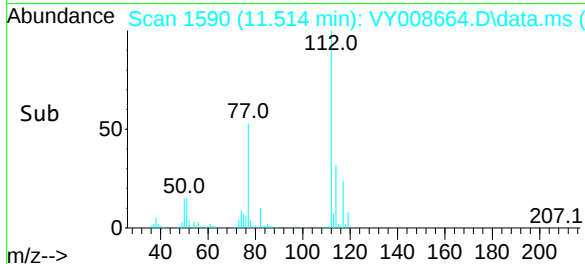
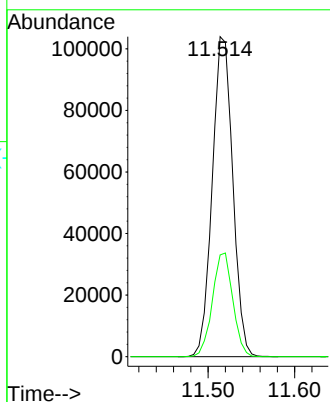
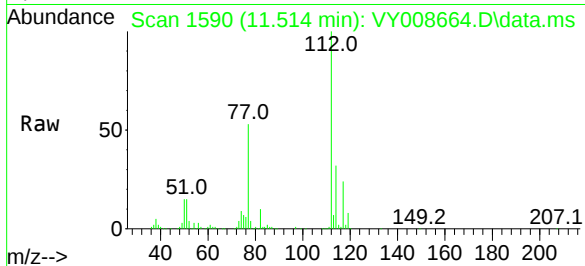




#65
Chlorobenzene
Concen: 19.895 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

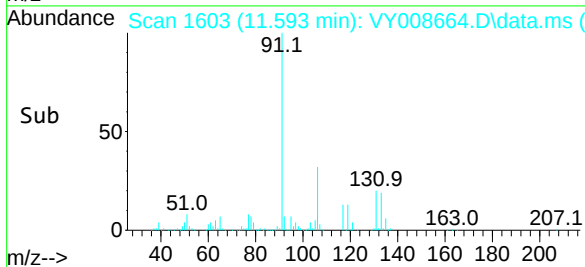
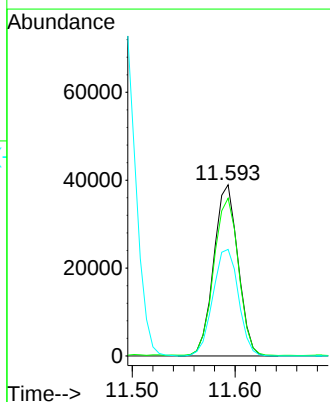
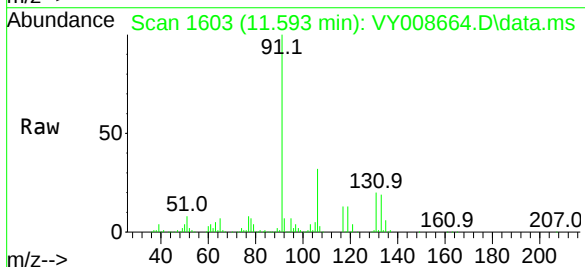
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

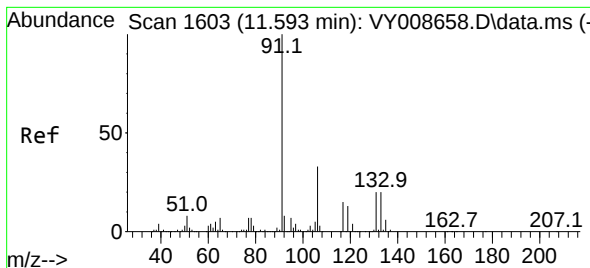
Tgt Ion:112 Resp: 170896
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.011 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion:131 Resp: 63836
Ion Ratio Lower Upper
131 100
133 93.7 47.9 143.6
119 65.6 30.8 92.3





#67

Ethyl Benzene

Concen: 19.838 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008664.D

Acq: 09 May 2022 16:40

Instrument :

MSVOA_Y

ClientSampleId :

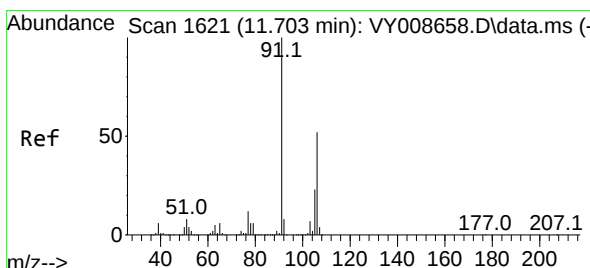
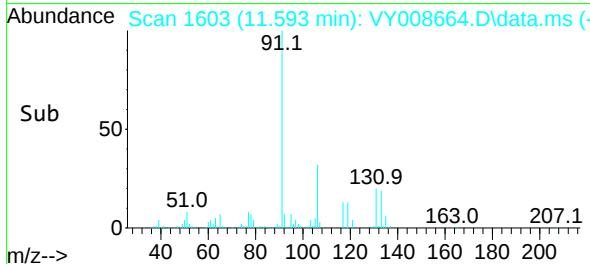
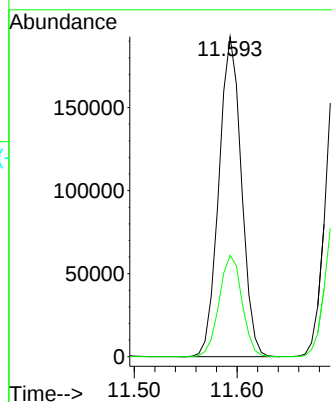
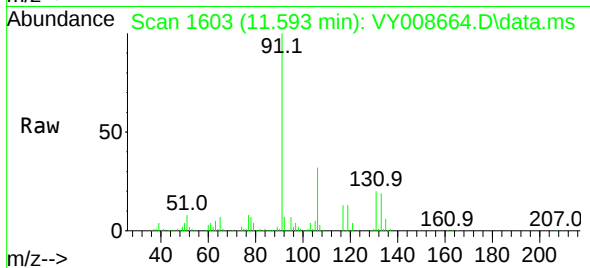
VY0509SBS01

Tgt Ion: 91 Resp: 292833

Ion Ratio Lower Upper

91 100

106 31.6 24.5 36.7



#68

m/p-Xylenes

Concen: 39.363 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008664.D

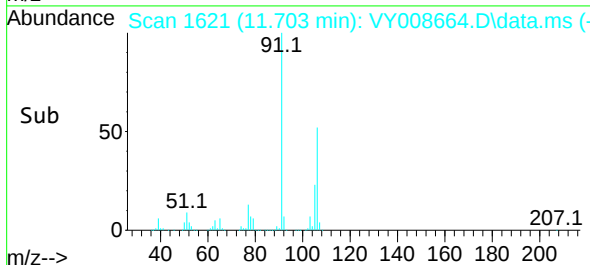
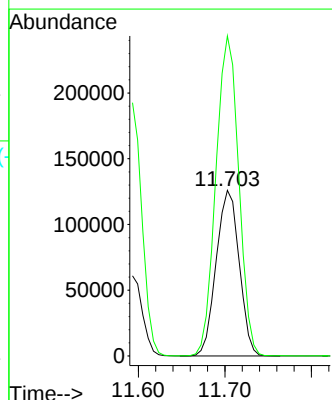
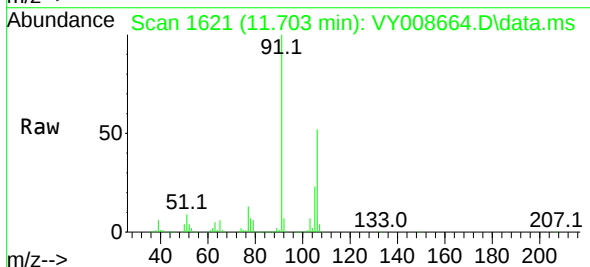
Acq: 09 May 2022 16:40

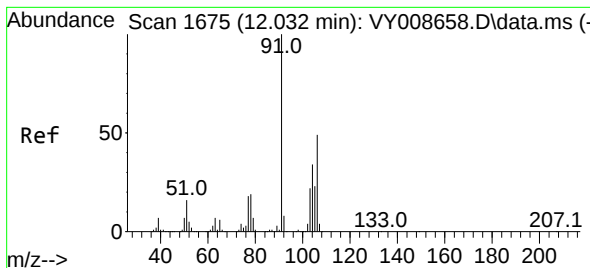
Tgt Ion:106 Resp: 232485

Ion Ratio Lower Upper

106 100

91 191.7 166.6 249.8

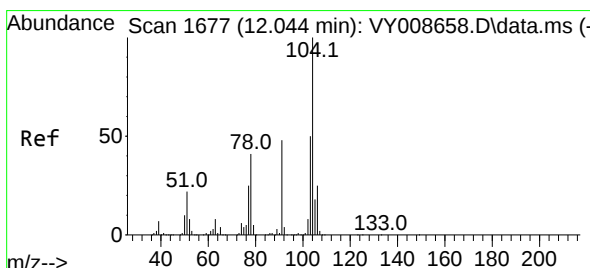
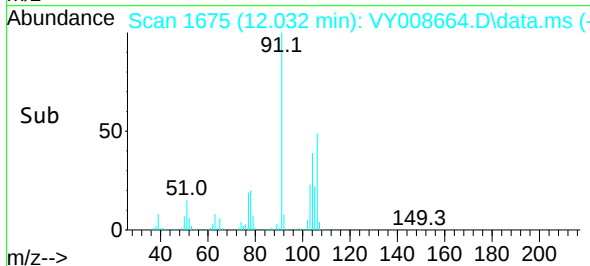
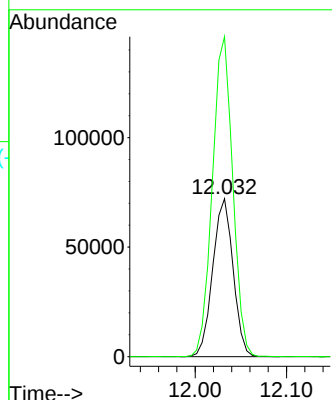
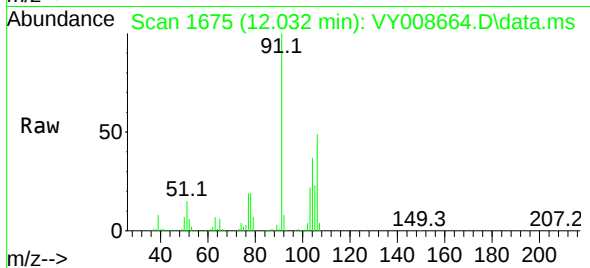




#69
o-Xylene
Concen: 19.900 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

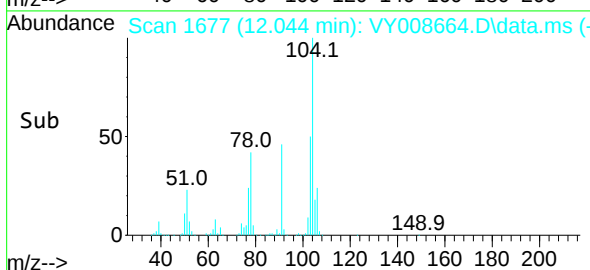
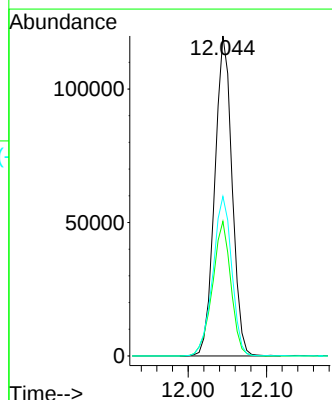
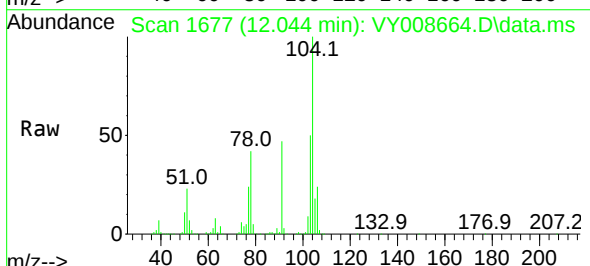
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBSD01

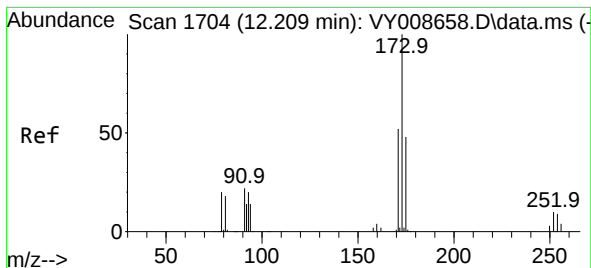
Tgt Ion:106 Resp: 111503
Ion Ratio Lower Upper
106 100
91 202.6 110.3 331.0



#70
Styrene
Concen: 19.852 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion:104 Resp: 184688
Ion Ratio Lower Upper
104 100
78 44.6 42.4 63.6
103 54.1 44.4 66.6





#71

Bromoform

Concen: 19.904 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008664.D

Acq: 09 May 2022 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

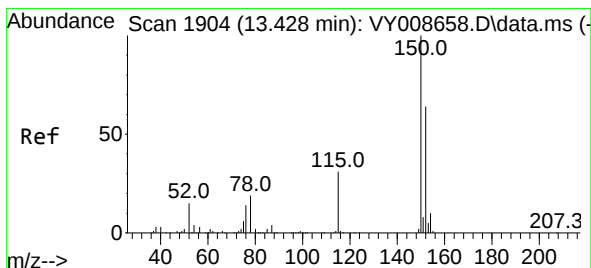
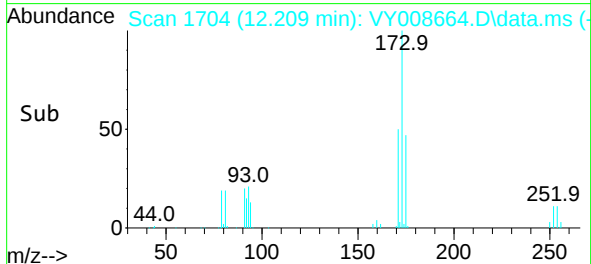
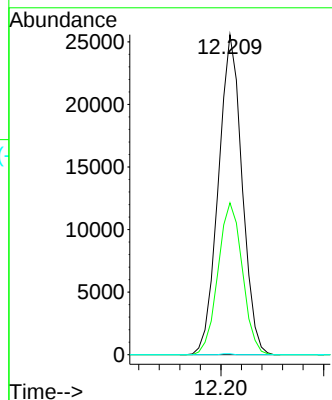
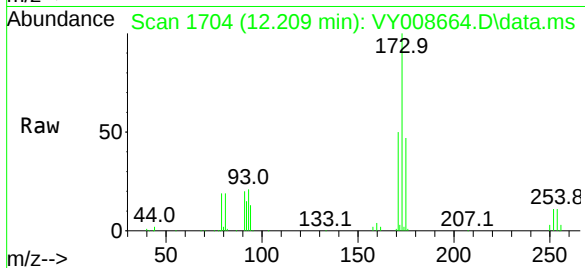
Tgt Ion:173 Resp: 40922

Ion Ratio Lower Upper

173 100

175 48.7 24.6 74.0

254 0.1 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: VY008664.D

Acq: 09 May 2022 16:40

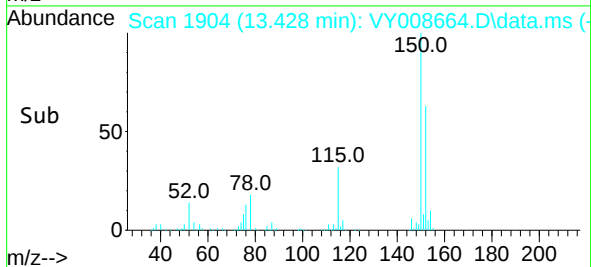
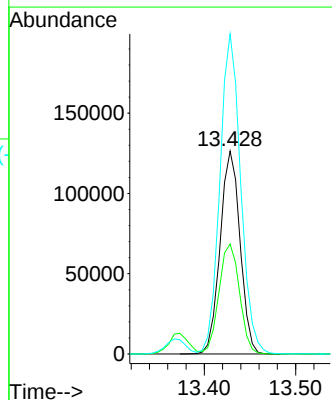
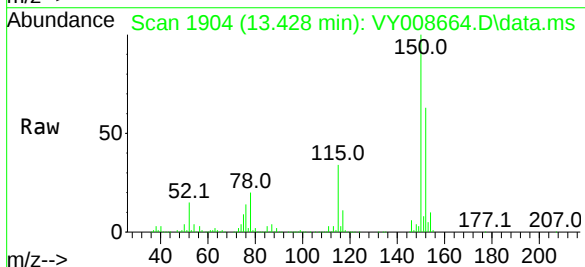
Tgt Ion:152 Resp: 191638

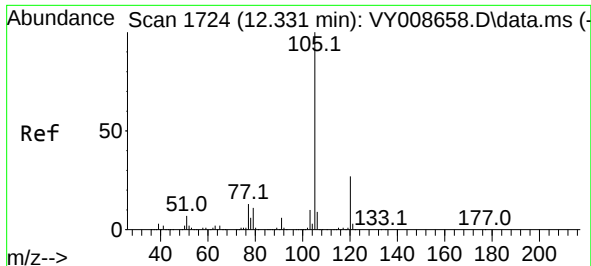
Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 164.6 0.0 347.6

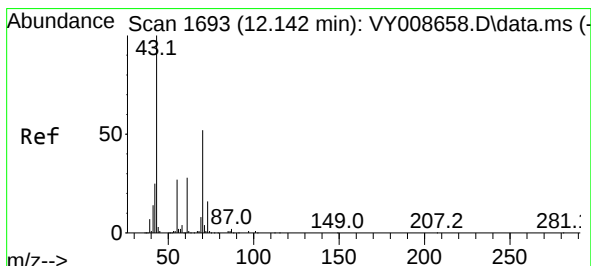
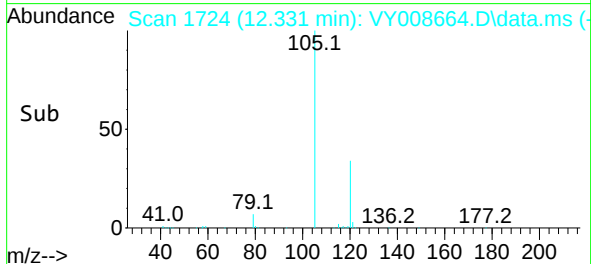
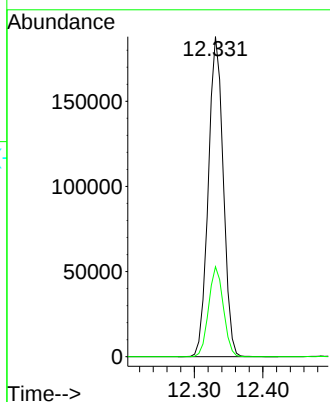
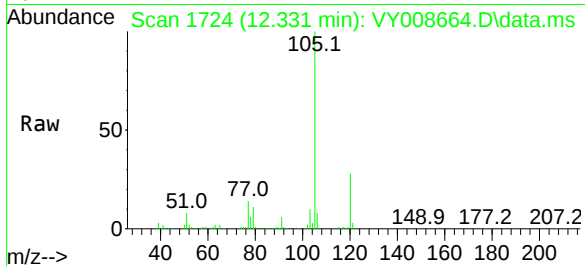




#73
Isopropylbenzene
Concen: 19.476 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

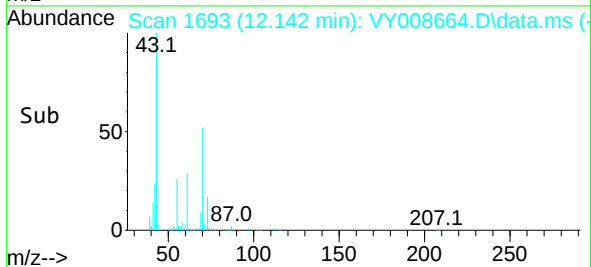
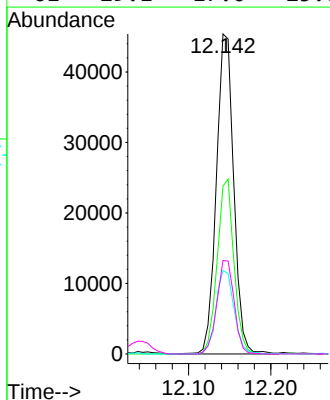
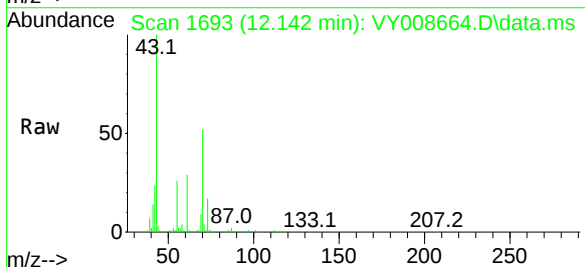
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

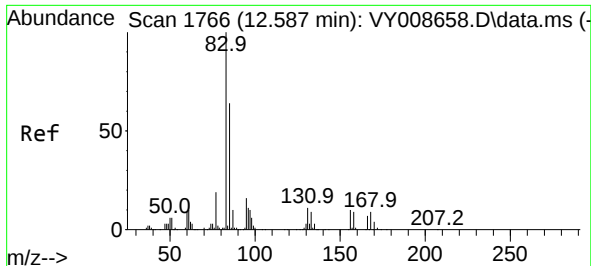
Tgt Ion:105 Resp: 285146
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.2



#74
N-ethyl acetate
Concen: 20.294 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 43 Resp: 66715
Ion Ratio Lower Upper
43 100
70 52.4 28.7 43.1#
55 27.1 17.3 25.9#
61 29.1 17.0 25.6#

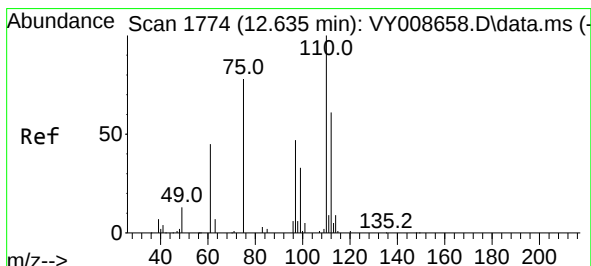
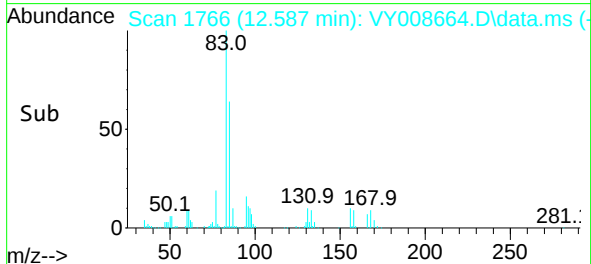
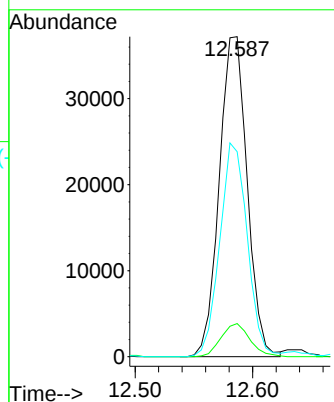
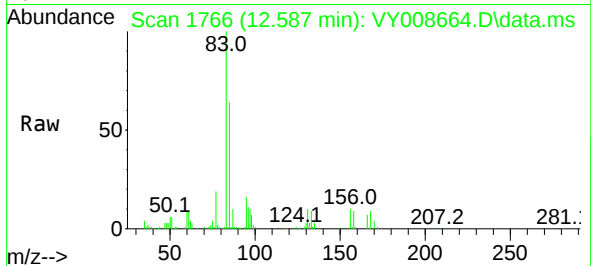




#75
1,1,2,2-Tetrachloroethane
Concen: 20.058 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

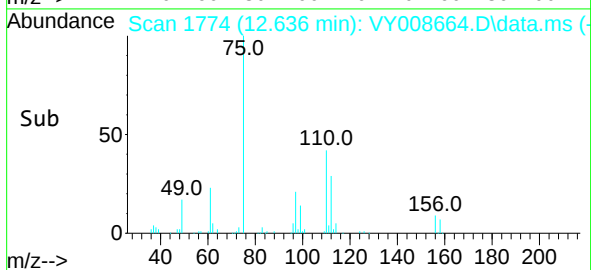
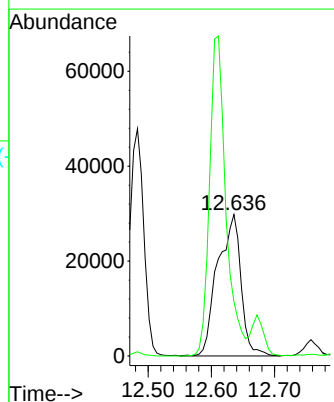
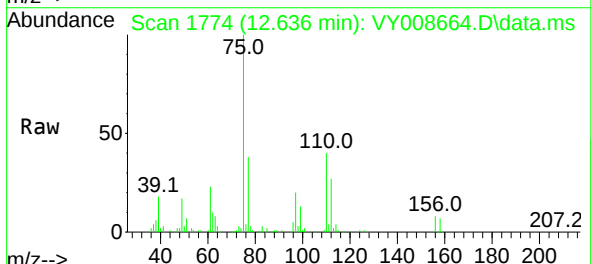
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

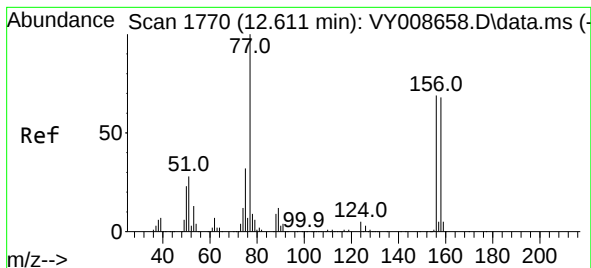
Tgt Ion: 83 Resp: 61468
Ion Ratio Lower Upper
83 100
131 10.7 5.6 16.8
85 65.8 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 35.358 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.001 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 75 Resp: 76383
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.180 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008664.D

Acq: 09 May 2022 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

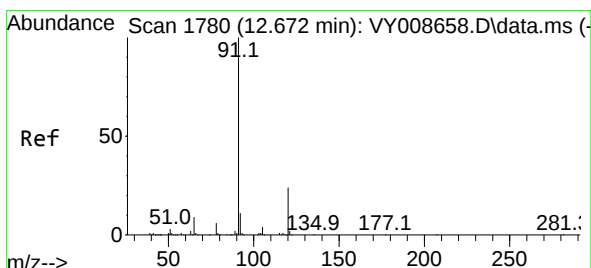
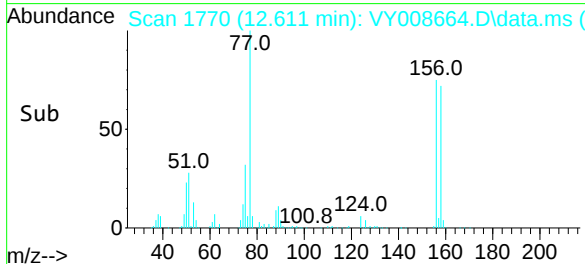
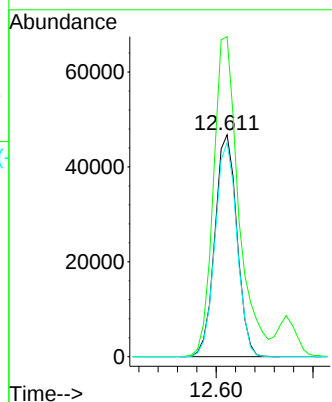
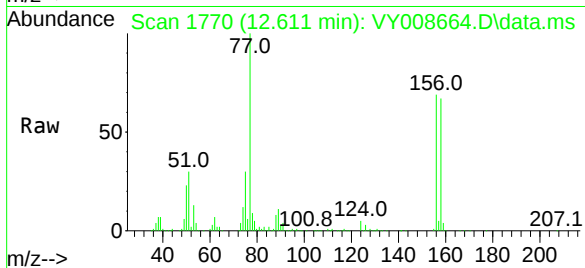
Tgt Ion:156 Resp: 73922

Ion Ratio Lower Upper

156 100

77 165.1 95.5 286.4

158 95.9 48.0 144.0



#78

n-propylbenzene

Concen: 19.784 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008664.D

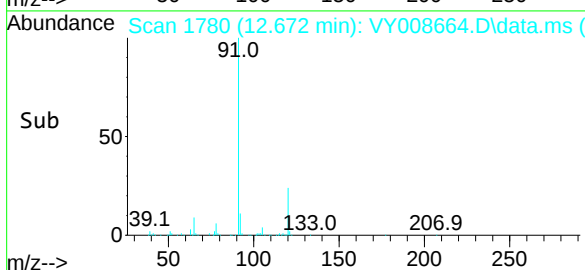
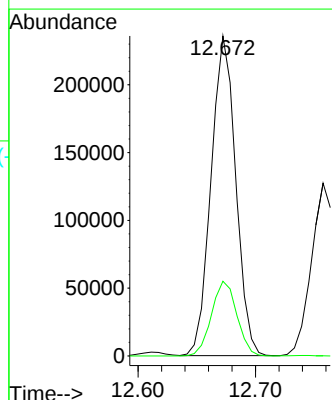
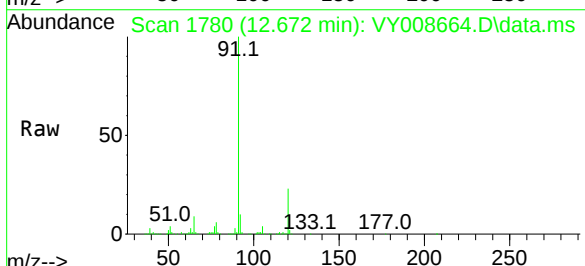
Acq: 09 May 2022 16:40

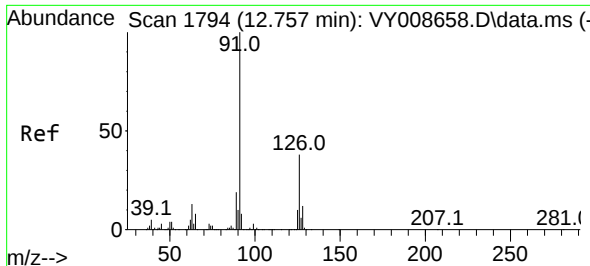
Tgt Ion: 91 Resp: 344382

Ion Ratio Lower Upper

91 100

120 24.0 11.3 33.9





#79

2-Chlorotoluene

Concen: 19.768 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.001 min

Lab File: VY008664.D

Acq: 09 May 2022 16:40

Instrument :

MSVOA_Y

ClientSampleId :

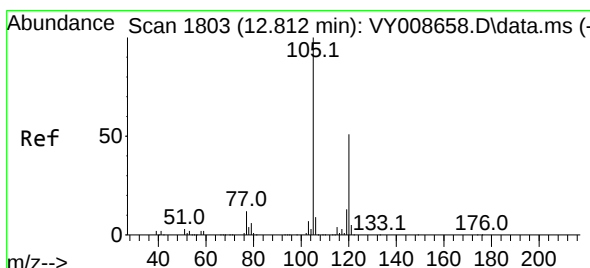
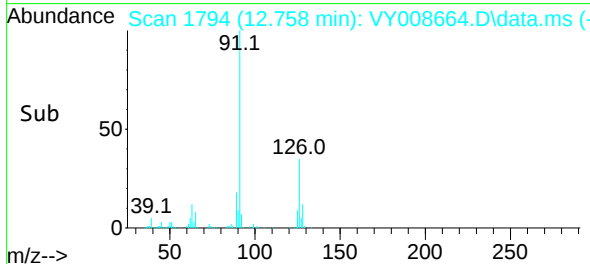
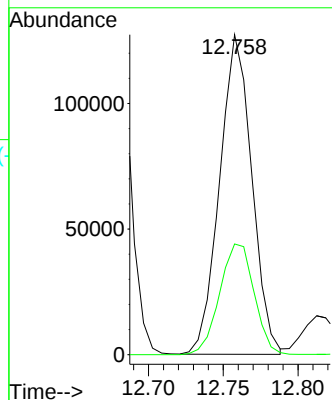
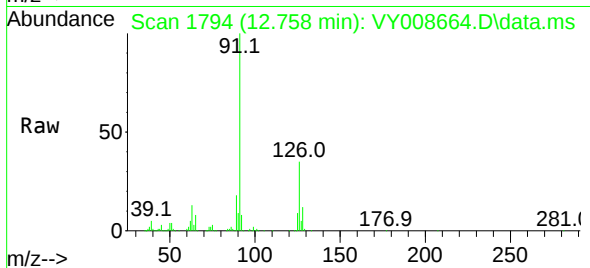
VY0509SBS01

Tgt Ion: 91 Resp: 190367

Ion Ratio Lower Upper

91 100

126 37.1 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 19.878 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY008664.D

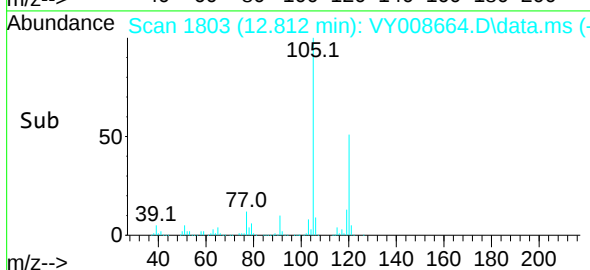
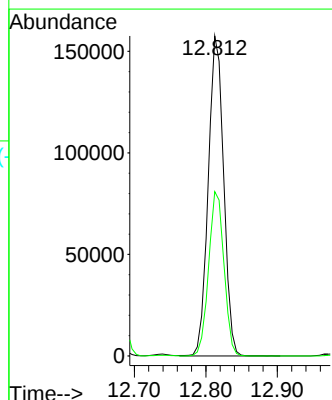
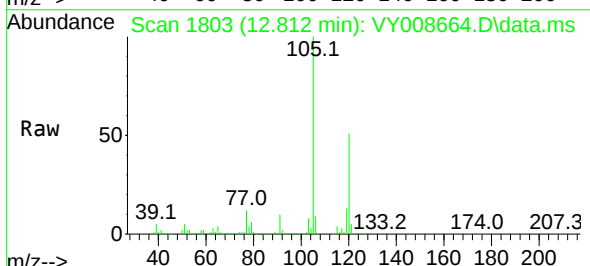
Acq: 09 May 2022 16:40

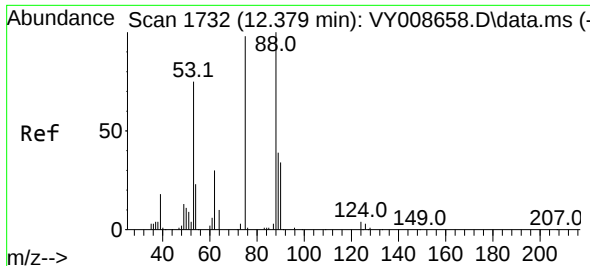
Tgt Ion: 105 Resp: 235714

Ion Ratio Lower Upper

105 100

120 51.1 24.4 73.4

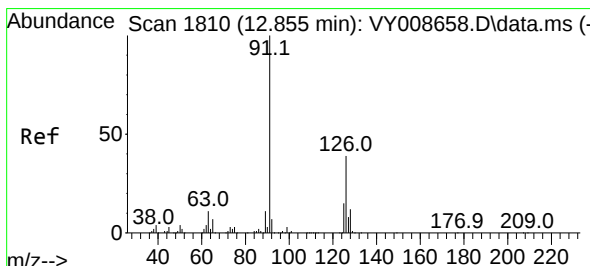
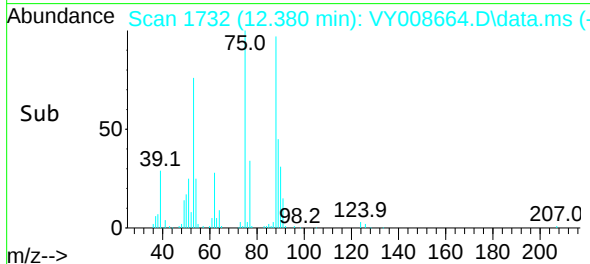
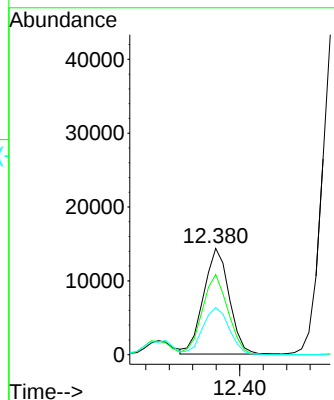
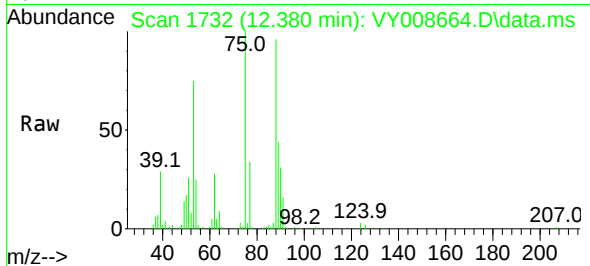




#81
trans-1,4-Dichloro-2-butene
Concen: 19.922 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

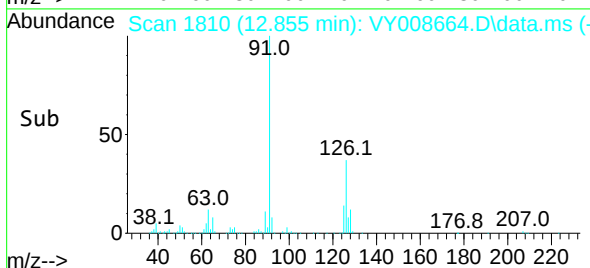
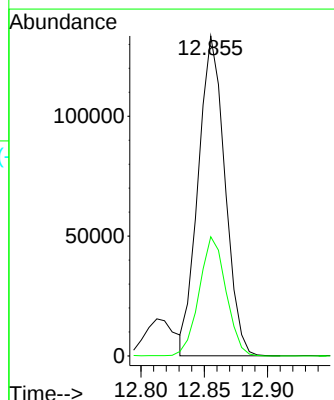
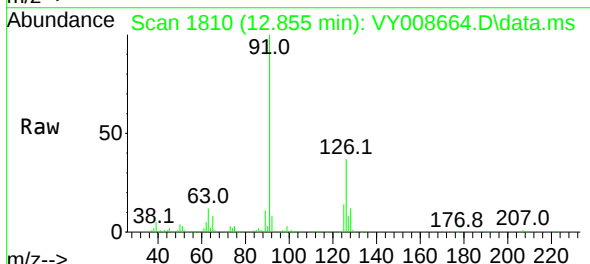
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

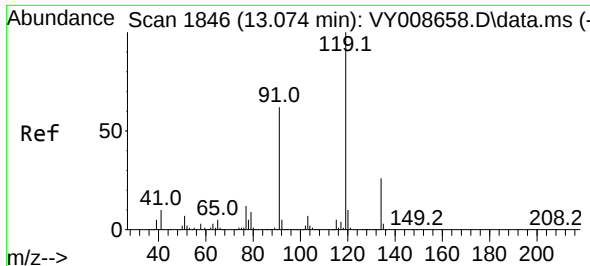
Tgt Ion: 75 Resp: 21632
Ion Ratio Lower Upper
75 100
53 76.3 85.3 127.9#
89 46.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.631 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 91 Resp: 196038
Ion Ratio Lower Upper
91 100
126 37.5 17.0 51.0

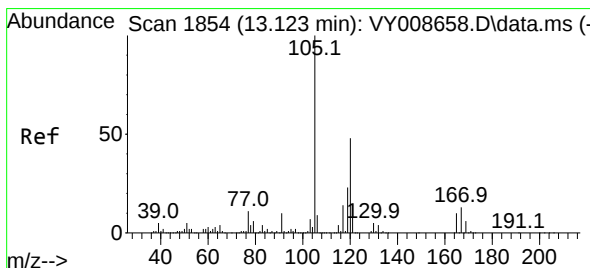
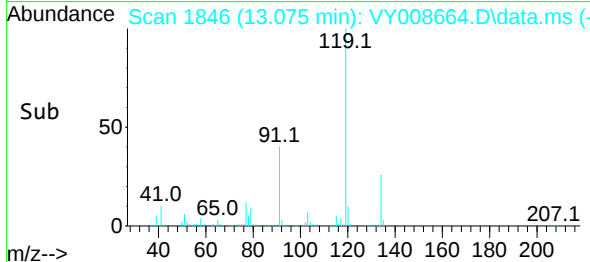
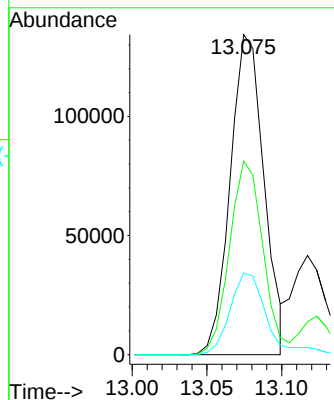
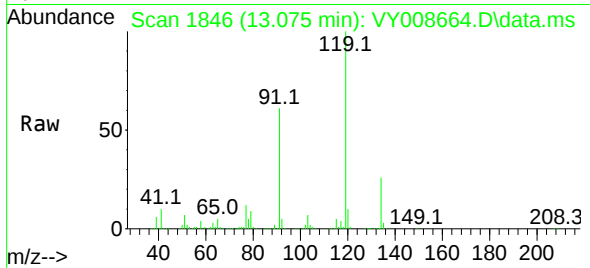




#83
tert-Butylbenzene
Concen: 19.823 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

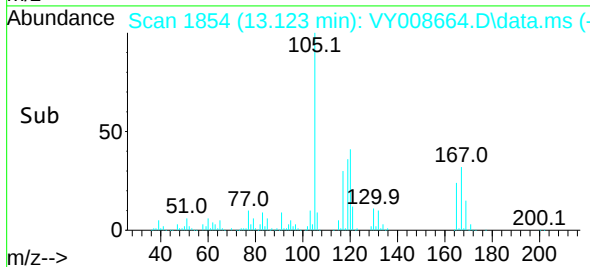
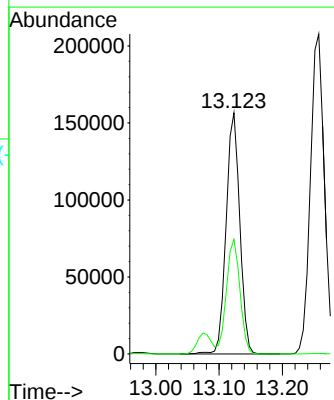
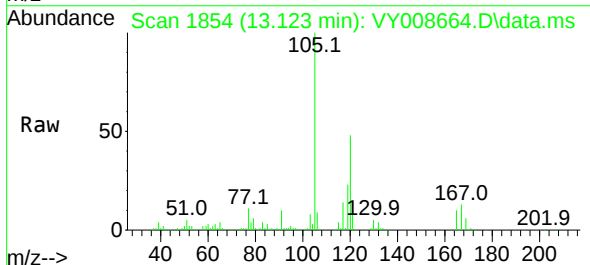
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

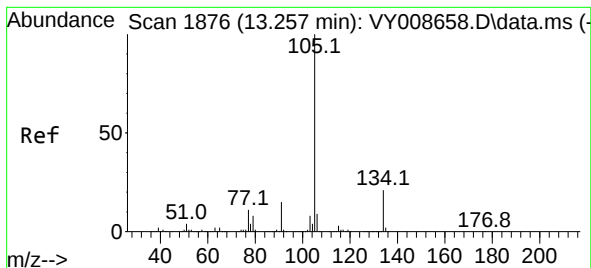
Tgt Ion:119 Resp: 210871
Ion Ratio Lower Upper
119 100
91 60.0 34.8 104.4
134 27.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 19.976 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion:105 Resp: 233934
Ion Ratio Lower Upper
105 100
120 47.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.934 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY008664.D

Acq: 09 May 2022 16:40

Instrument :

MSVOA_Y

ClientSampleId :

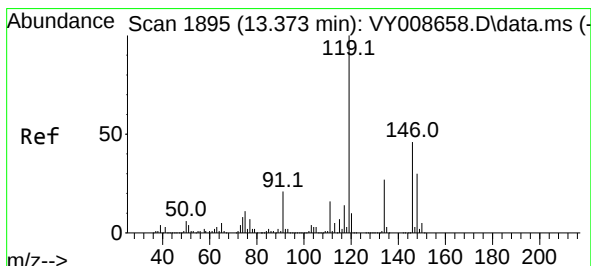
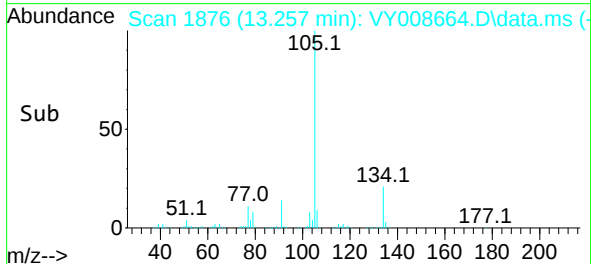
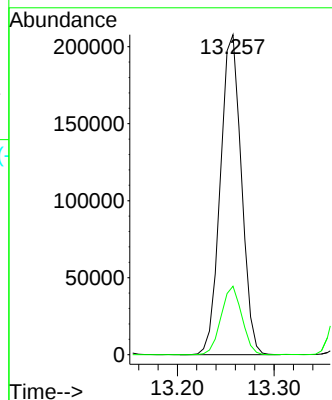
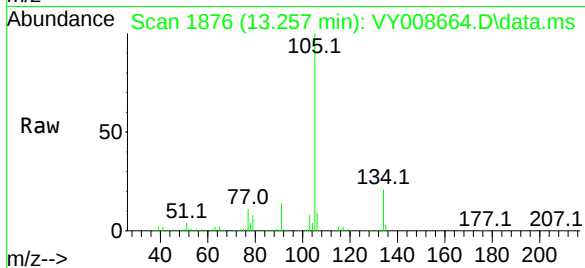
VY0509SBS01

Tgt Ion:105 Resp: 313418

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.982 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY008664.D

Acq: 09 May 2022 16:40

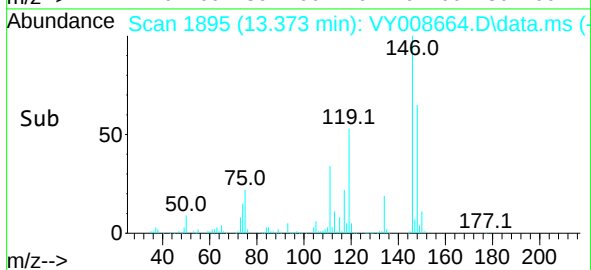
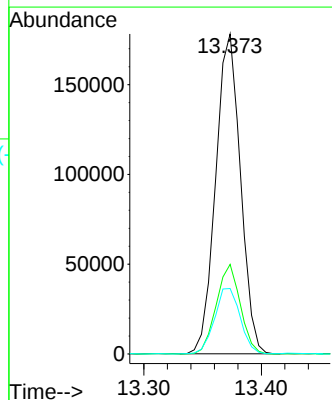
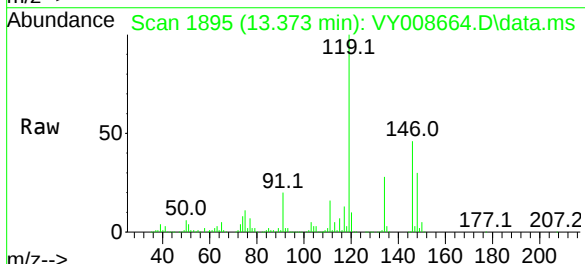
Tgt Ion:119 Resp: 261068

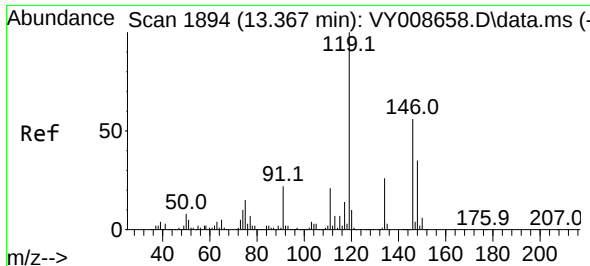
Ion Ratio Lower Upper

119 100

134 27.2 13.2 39.5

91 21.4 12.4 37.2

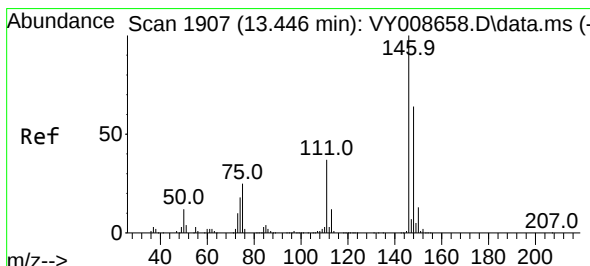
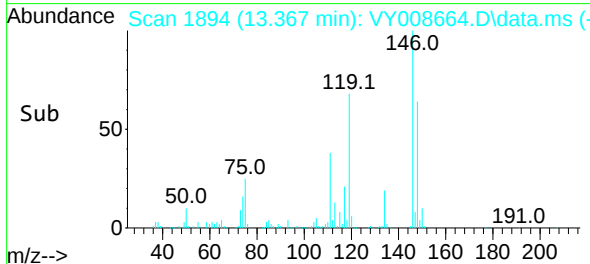
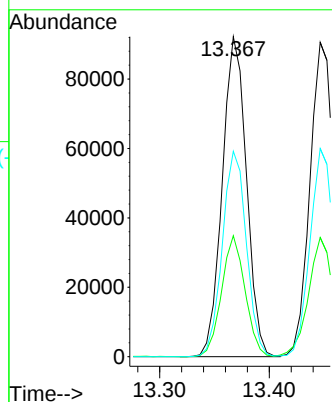
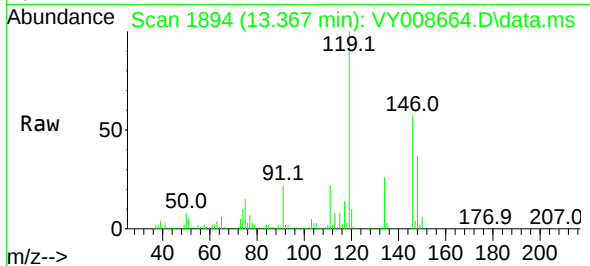




#87
 1,3-Dichlorobenzene
 Concen: 19.921 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008664.D
 Acq: 09 May 2022 16:40

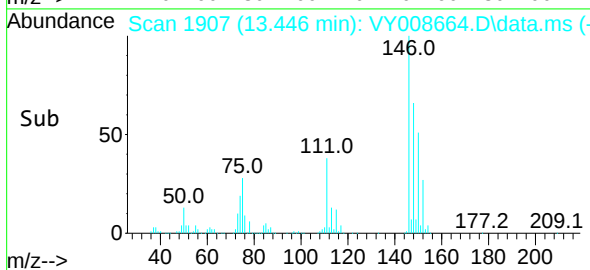
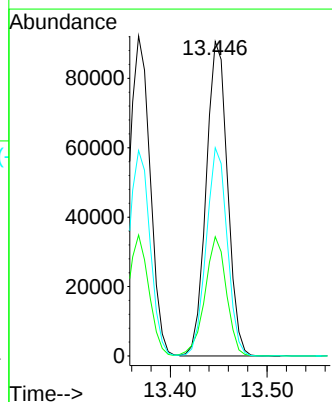
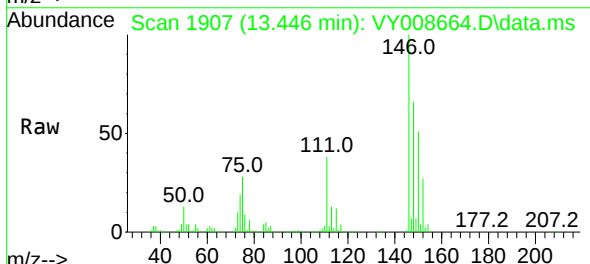
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBS01

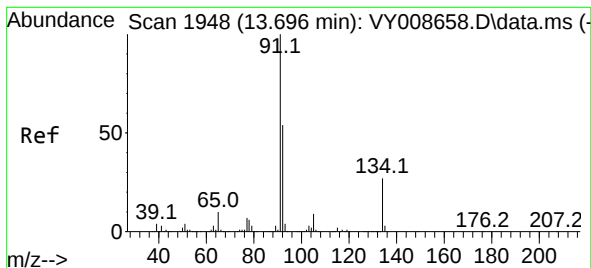
Tgt Ion:146 Resp: 141161
 Ion Ratio Lower Upper
 146 100
 111 36.8 19.5 58.5
 148 63.9 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 19.783 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY008664.D
 Acq: 09 May 2022 16:40

Tgt Ion:146 Resp: 138995
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.3 57.8
 148 65.1 32.6 97.8





#89

n-Butylbenzene

Concen: 19.913 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008664.D

Acq: 09 May 2022 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

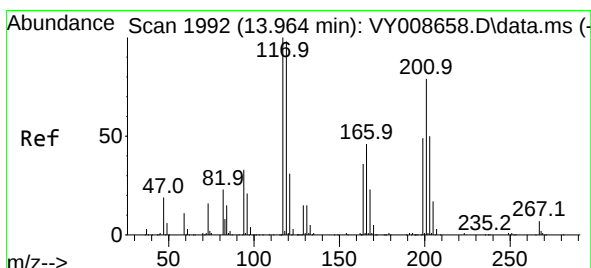
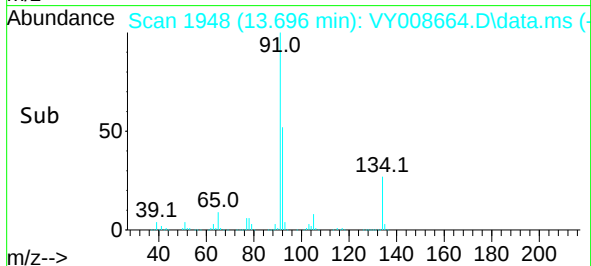
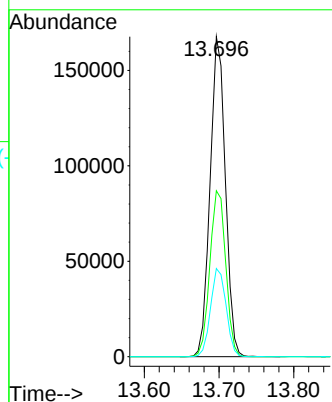
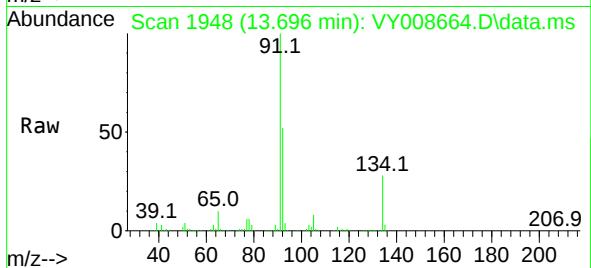
Tgt Ion: 91 Resp: 238096

Ion Ratio Lower Upper

91 100

92 53.8 26.3 78.9

134 28.0 13.0 38.9



#90

Hexachloroethane

Concen: 19.851 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.001 min

Lab File: VY008664.D

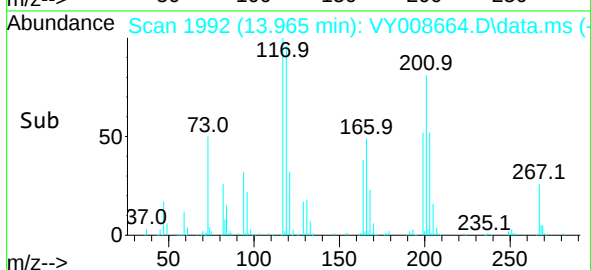
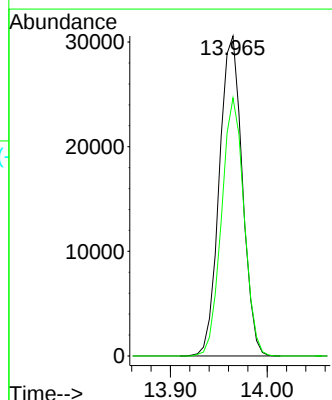
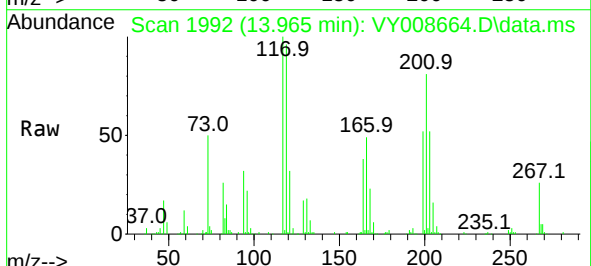
Acq: 09 May 2022 16:40

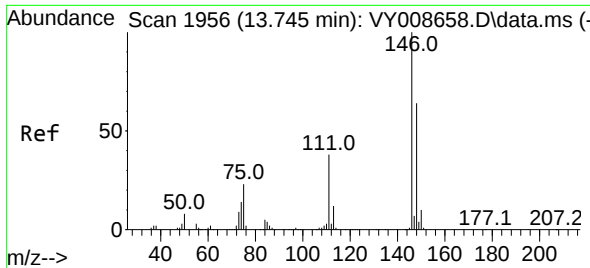
Tgt Ion: 117 Resp: 50357

Ion Ratio Lower Upper

117 100

201 78.9 43.0 128.8

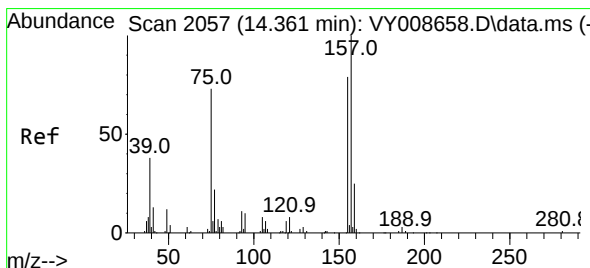
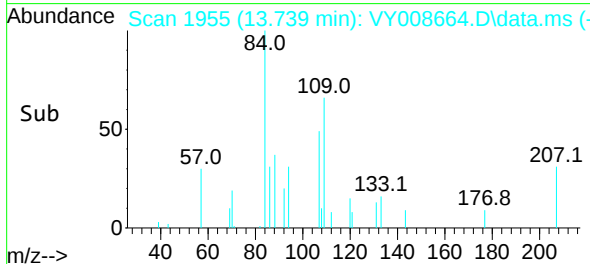
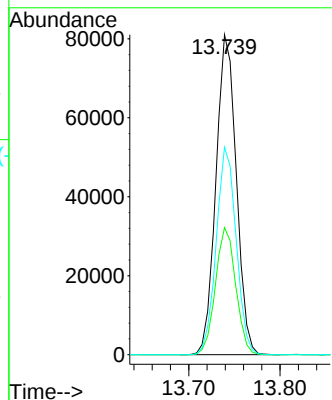
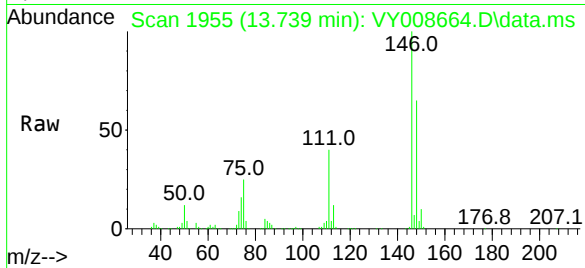




#91
1,2-Dichlorobenzene
Concen: 19.960 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

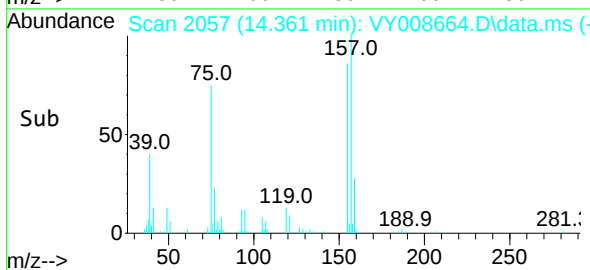
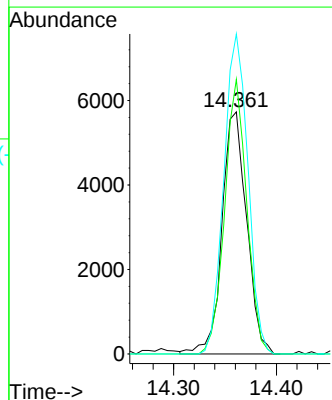
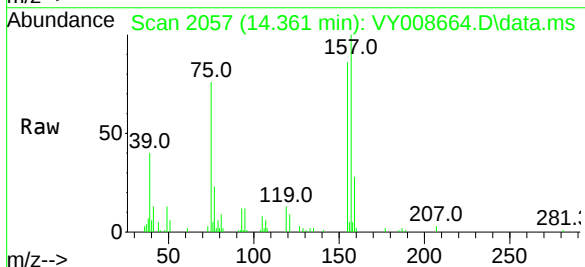
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

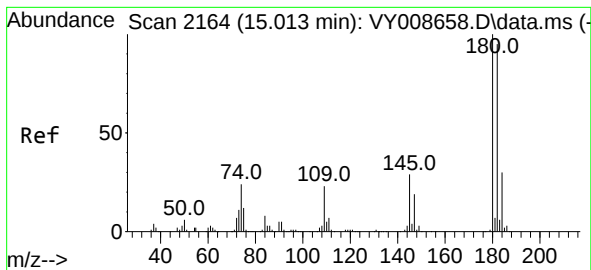
Tgt Ion:146 Resp: 125451
Ion Ratio Lower Upper
146 100
111 39.5 20.3 60.9
148 63.6 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.069 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion: 75 Resp: 9556
Ion Ratio Lower Upper
75 100
155 101.8 38.0 113.9
157 128.9 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 20.197 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY008664.D

Acq: 09 May 2022 16:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

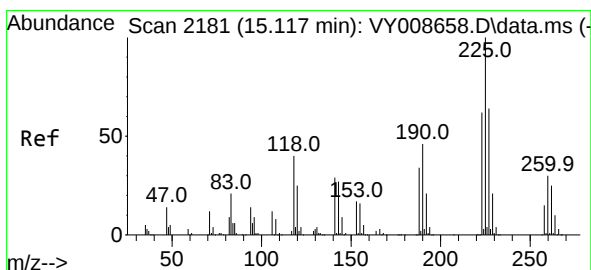
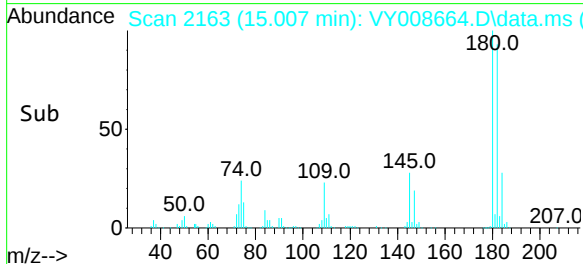
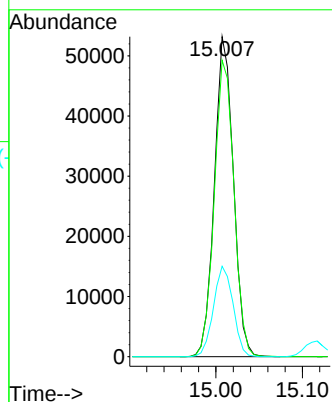
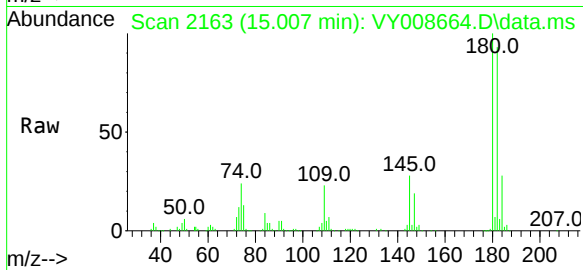
Tgt Ion:180 Resp: 81093

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.9

145 29.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.258 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY008664.D

Acq: 09 May 2022 16:40

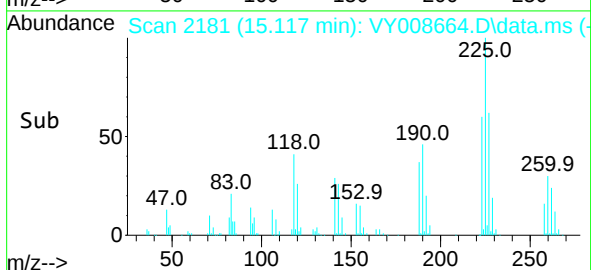
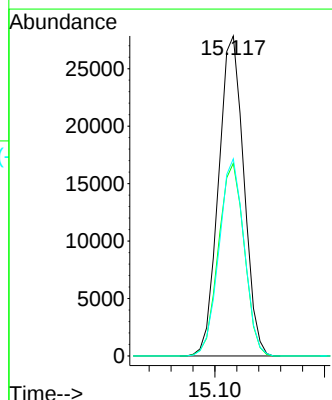
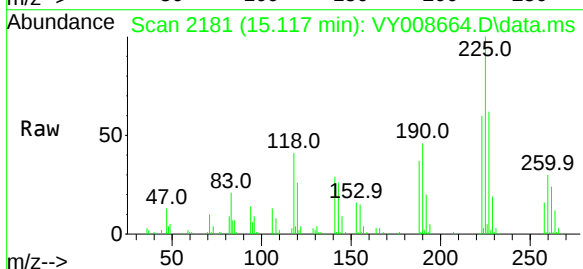
Tgt Ion:225 Resp: 44572

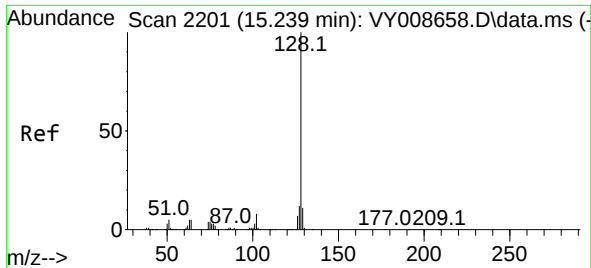
Ion Ratio Lower Upper

225 100

223 61.2 30.8 92.3

227 61.2 31.6 94.7

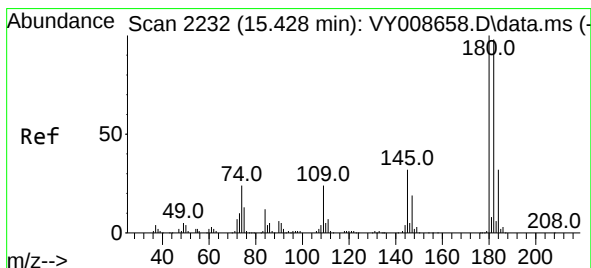
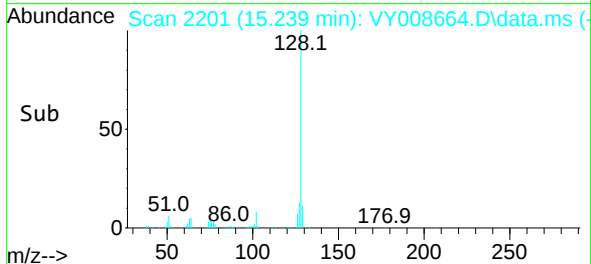
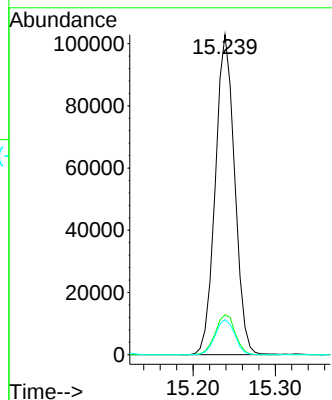
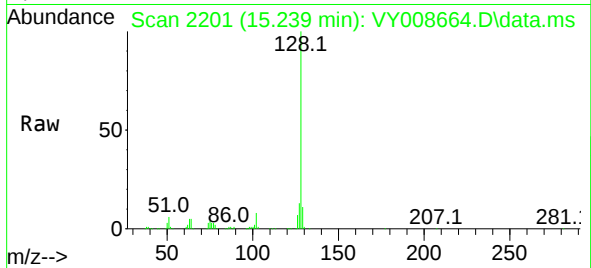




#95
Naphthalene
Concen: 20.440 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

Tgt Ion:128 Resp: 167901
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.4
129 11.1 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 19.945 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY008664.D
Acq: 09 May 2022 16:40

Tgt Ion:180 Resp: 70573
Ion Ratio Lower Upper
180 100
182 96.5 47.3 141.9
145 31.4 15.3 45.9

