

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009993.D
 Acq On : 12 Aug 2022 17:59
 Operator : KP/MD
 Sample : VY0812SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0812SBS01

Quant Time: Aug 13 02:57:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	106102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	175650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	161302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	54451	50.591	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.180%	
35) Dibromofluoromethane	7.710	113	57529	53.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.020%	
50) Toluene-d8	10.173	98	216078	52.456	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.920%	
62) 4-Bromofluorobenzene	12.477	95	77804	51.553	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.100%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	21825	22.913	ug/l	97
3) Chloromethane	2.107	50	14348	20.507	ug/l	100
4) Vinyl Chloride	2.241	62	15125	20.517	ug/l	99
5) Bromomethane	2.631	94	11173	19.882	ug/l	97
6) Chloroethane	2.778	64	9106	18.684	ug/l	99
7) Trichlorofluoromethane	3.107	101	35755	19.579	ug/l	94
8) Diethyl Ether	3.515	74	13475	19.602	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.881	101	23492	20.018	ug/l	96
10) Methyl Iodide	4.076	142	26632	18.971	ug/l	99
11) Tert butyl alcohol	4.948	59	10994	95.972	ug/l	96
12) 1,1-Dichloroethene	3.857	96	22618	19.851	ug/l	93
13) Acrolein	3.716	56	13622	98.362	ug/l	95
14) Allyl chloride	4.460	41	30963	19.492	ug/l	93
15) Acrylonitrile	5.149	53	31268	95.030	ug/l	99
16) Acetone	3.936	43	22480	86.965	ug/l #	80
17) Carbon Disulfide	4.174	76	73287	19.764	ug/l	98
18) Methyl Acetate	4.466	43	14561	18.662	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	54733	19.659	ug/l	98
20) Methylene Chloride	4.698	84	28921	17.528	ug/l	87
21) trans-1,2-Dichloroethene	5.198	96	24740	19.539	ug/l	97
22) Diisopropyl ether	6.106	45	62697	19.523	ug/l	96
23) Vinyl Acetate	6.045	43	194896	98.217	ug/l	95
24) 1,1-Dichloroethane	6.003	63	40369	19.699	ug/l	99
25) 2-Butanone	6.978	43	35778	89.197	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	33972	18.703	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	26721	19.645	ug/l	94
28) Bromochloromethane	7.319	49	14792	18.072	ug/l	83
29) Tetrahydrofuran	7.338	42	23399	92.305	ug/l #	87
30) Chloroform	7.496	83	42028	19.833	ug/l	100
31) Cyclohexane	7.771	56	36889	19.148	ug/l #	90
32) 1,1,1-Trichloroethane	7.691	97	36641	20.349	ug/l	99
36) 1,1-Dichloropropene	7.905	75	33043	20.641	ug/l	99
37) Ethyl Acetate	7.070	43	16223	18.777	ug/l #	93
38) Carbon Tetrachloride	7.893	117	32994	20.653	ug/l	98
39) Methylcyclohexane	9.173	83	38970	20.217	ug/l	99
40) Benzene	8.149	78	97917	20.212	ug/l	95

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	21477	46.800	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	25579	20.383	ug/l	97
43) Isopropyl Acetate	8.264	43	29656	19.775	ug/l	95
44) Trichloroethene	8.929	130	26333	20.072	ug/l	97
45) 1,2-Dichloropropane	9.209	63	23411	20.140	ug/l	97
46) Dibromomethane	9.301	93	14432	20.623	ug/l	96
47) Bromodichloromethane	9.490	83	31447	20.213	ug/l	100
48) Methyl methacrylate	9.289	41	12463	18.940	ug/l	89
49) 1,4-Dioxane	9.289	88	3282	388.964	ug/l #	88
51) 4-Methyl-2-Pentanone	10.063	43	79406	97.660	ug/l	93
52) Toluene	10.240	92	60099	20.600	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	32259	20.175	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	37404	20.232	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	20383	20.365	ug/l	98
56) Ethyl methacrylate	10.508	69	24768	20.015	ug/l	91
57) 1,3-Dichloropropane	10.788	76	32655	20.114	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	63274	116.816	ug/l	98
59) 2-Hexanone	10.831	43	53500	95.355	ug/l	90
60) Dibromochloromethane	10.977	129	23572	20.622	ug/l	99
61) 1,2-Dibromoethane	11.087	107	19067	19.890	ug/l	96
64) Tetrachloroethene	10.715	164	24399	20.705	ug/l	97
65) Chlorobenzene	11.514	112	66069	20.179	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	23363	20.031	ug/l	97
67) Ethyl Benzene	11.587	91	110096	19.999	ug/l	99
68) m/p-Xylenes	11.697	106	87418	41.024	ug/l	97
69) o-Xylene	12.026	106	40029	19.808	ug/l	94
70) Styrene	12.038	104	68812	19.989	ug/l	99
71) Bromoform	12.203	173	14510	19.693	ug/l #	96
73) Isopropylbenzene	12.325	105	106343	20.203	ug/l	99
74) N-amyl acetate	12.142	43	25904	19.238	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	23341	19.212	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	29912	33.005	ug/l #	100
77) Bromobenzene	12.605	156	26469	20.786	ug/l	94
78) n-propylbenzene	12.666	91	134549	20.367	ug/l	98
79) 2-Chlorotoluene	12.751	91	77609	20.682	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	90672	21.083	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	8291	19.887	ug/l	90
82) 4-Chlorotoluene	12.849	91	80963	20.712	ug/l	98
83) tert-Butylbenzene	13.068	119	78452	20.753	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	90043	20.850	ug/l	98
85) sec-Butylbenzene	13.251	105	118903	20.530	ug/l	98
86) p-Isopropyltoluene	13.367	119	95925	20.983	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	52453	20.898	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	51586	19.770	ug/l	97
89) n-Butylbenzene	13.696	91	91479	20.725	ug/l	98
90) Hexachloroethane	13.959	117	19573	19.965	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	47204	20.908	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3712	19.024	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	26438	20.581	ug/l	98
94) Hexachlorobutadiene	15.111	225	15108	20.826	ug/l	98
95) Naphthalene	15.233	128	54091	19.459	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	22643	19.709	ug/l	95

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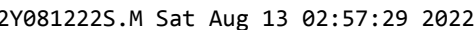
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBSD01

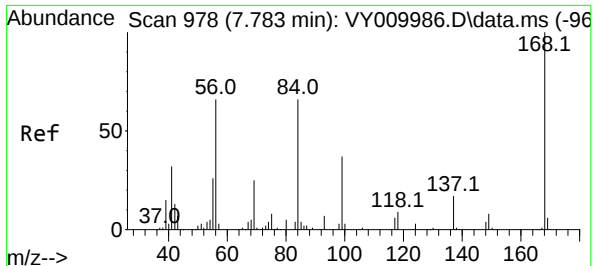
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Quant Title : SW846 8260
QLast Update : Sat Aug 13 02:54:57 2022
Response via : Initial Calibration

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

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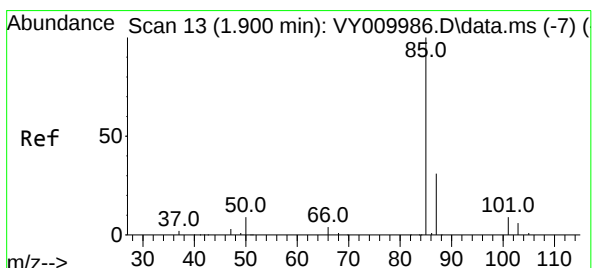
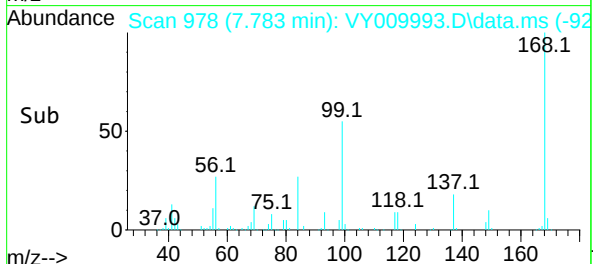
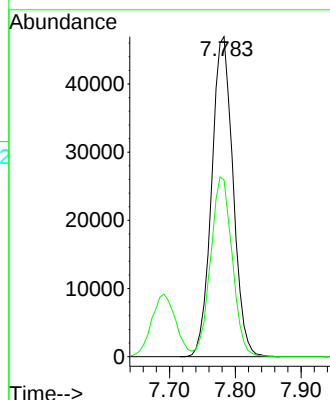
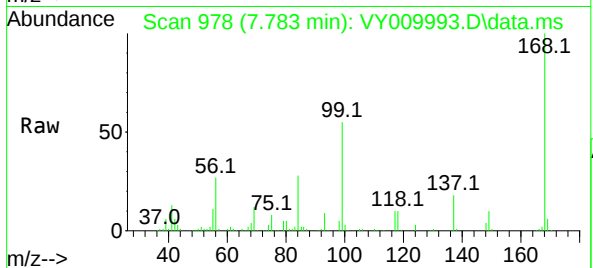




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009993.D
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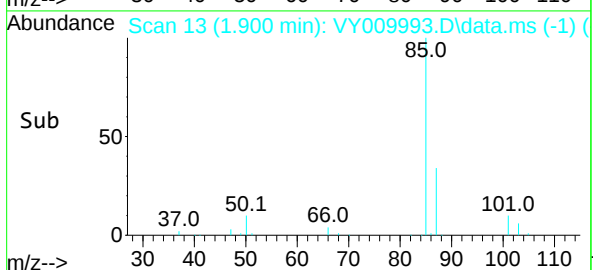
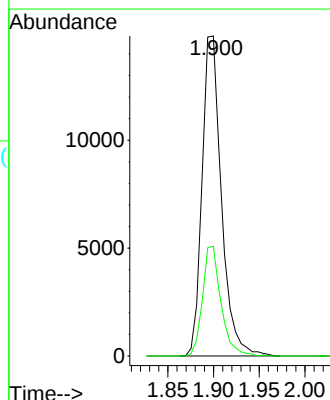
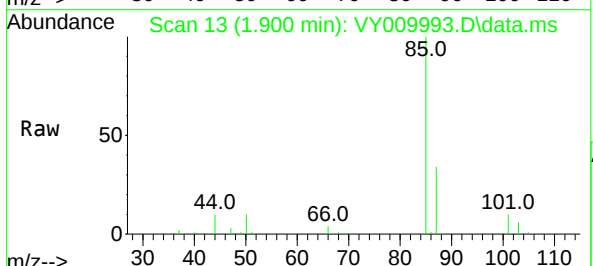
Instrument :
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ClientSampleId :
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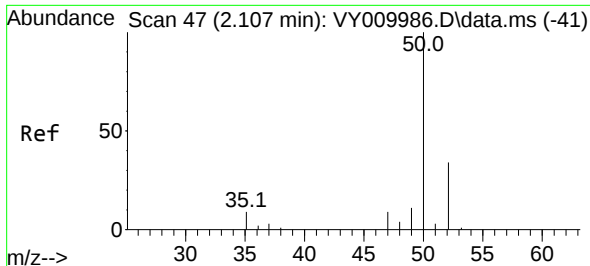
Tgt Ion:168 Resp: 106102
Ion Ratio Lower Upper
168 100
99 55.2 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 22.913 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion: 85 Resp: 21825
Ion Ratio Lower Upper
85 100
87 34.3 16.2 48.5

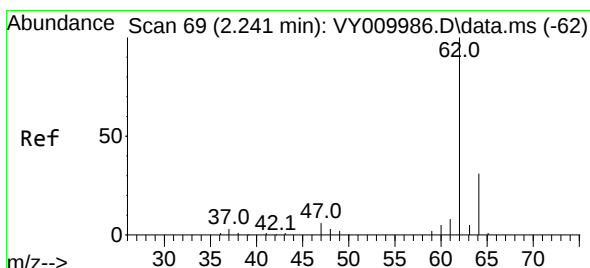
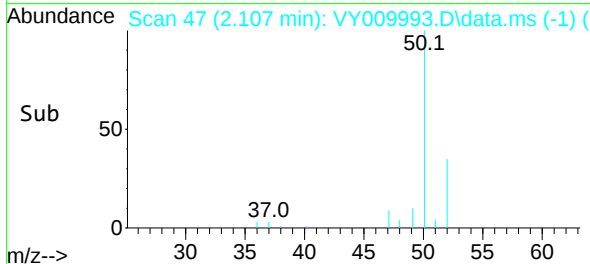
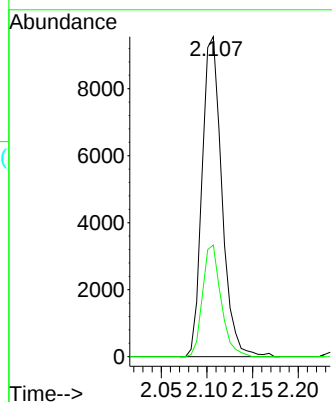
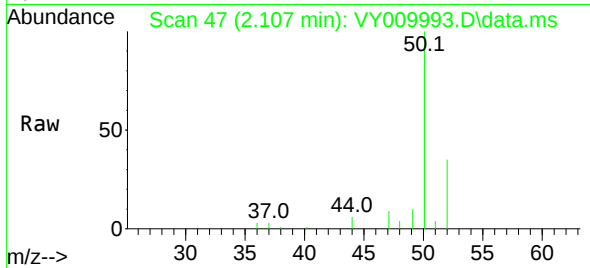




#3
Chloromethane
Concen: 20.507 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

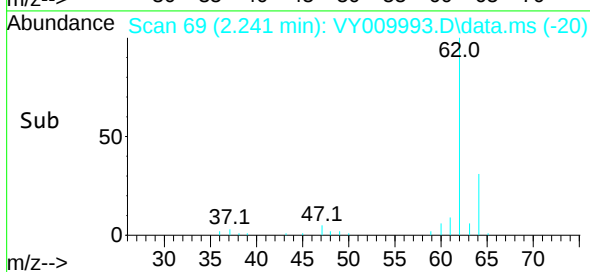
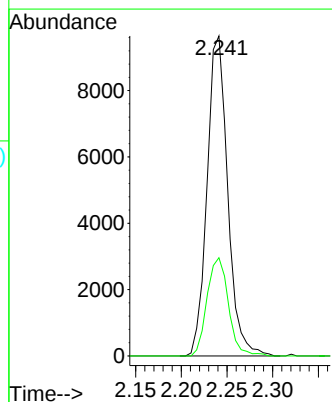
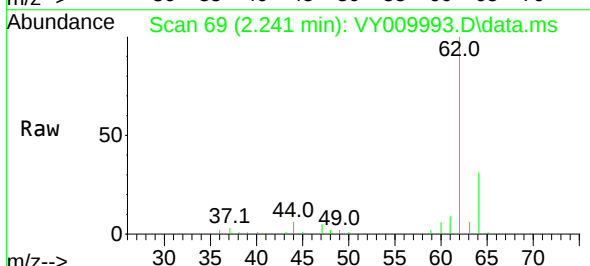
Instrument :
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ClientSampleId :
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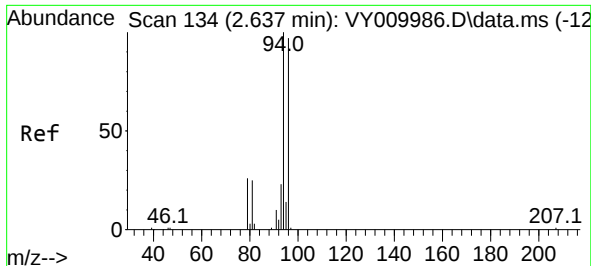
Tgt Ion: 50 Resp: 14348
Ion Ratio Lower Upper
50 100
52 34.9 27.9 41.9



#4
Vinyl Chloride
Concen: 20.517 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion: 62 Resp: 15125
Ion Ratio Lower Upper
62 100
64 30.7 25.0 37.4

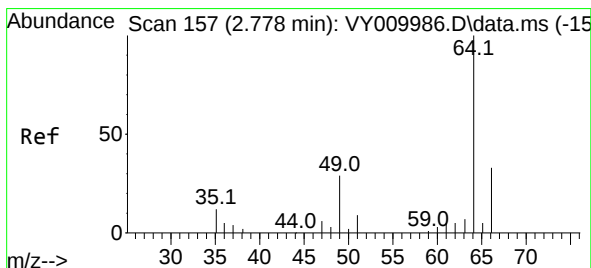
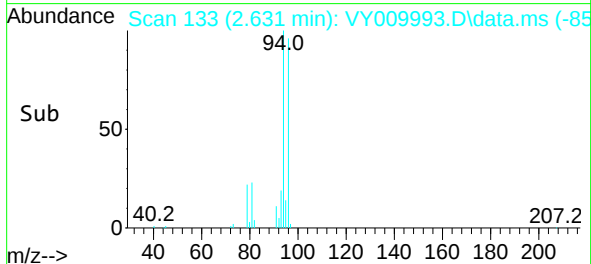
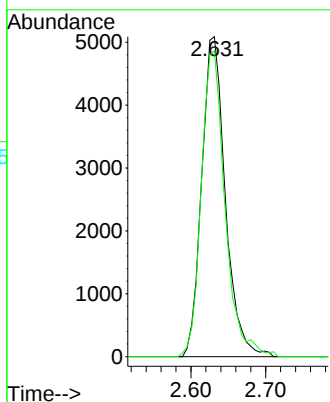
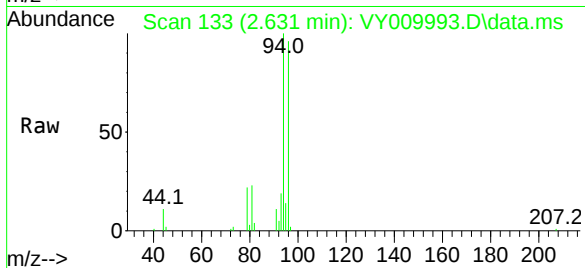




#5
Bromomethane
Concen: 19.882 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

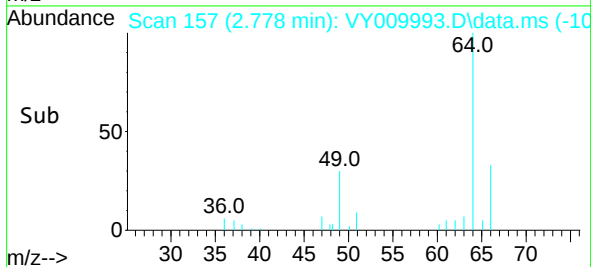
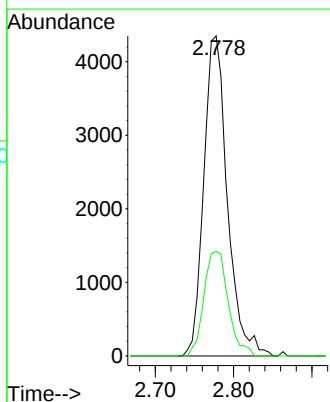
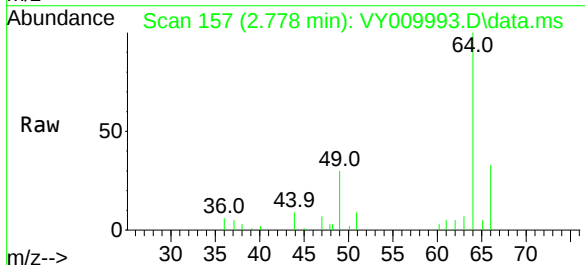
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ClientSampleId :
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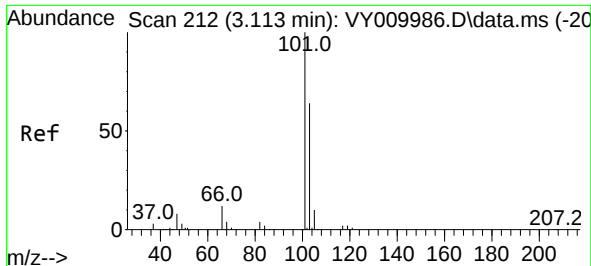
Tgt Ion: 94 Resp: 11173
Ion Ratio Lower Upper
94 100
96 95.6 74.6 111.8



#6
Chloroethane
Concen: 18.684 ug/l
RT: 2.778 min Scan# 157
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion: 64 Resp: 9106
Ion Ratio Lower Upper
64 100
66 32.6 25.8 38.8

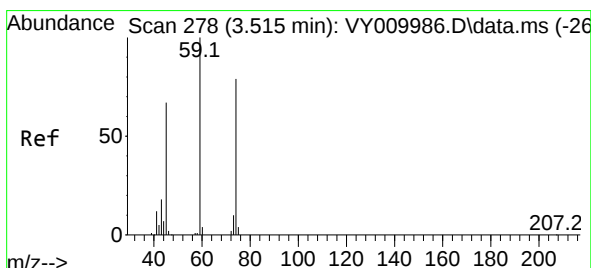
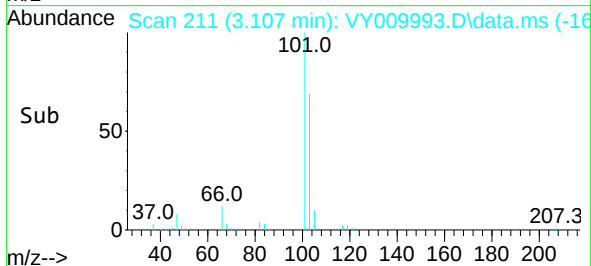
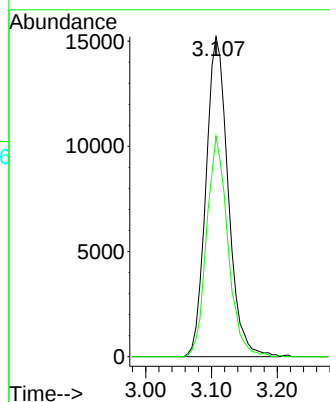
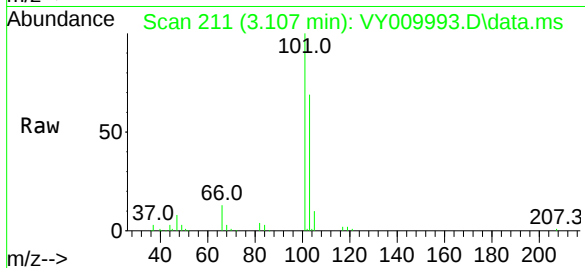




#7
Trichlorofluoromethane
Concen: 19.579 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

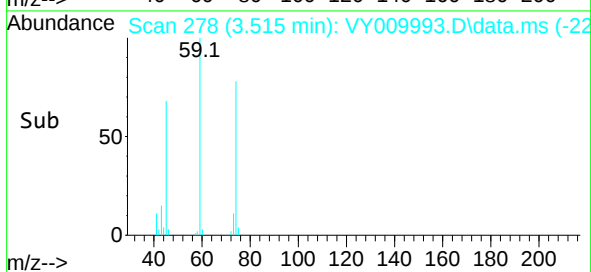
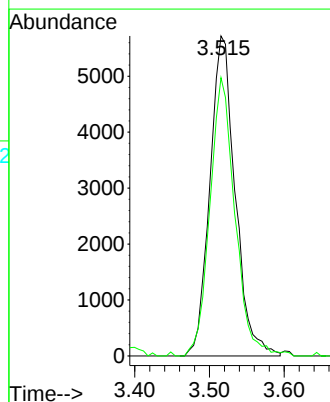
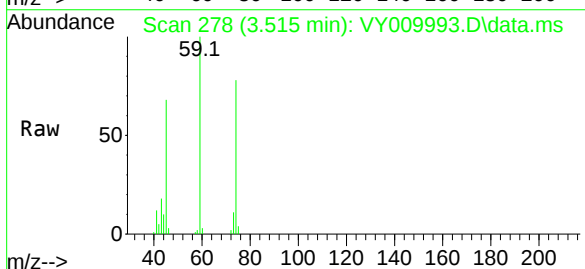
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBSD01

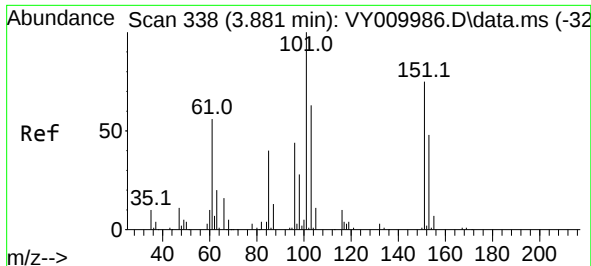
Tgt Ion:101 Resp: 35755
Ion Ratio Lower Upper
101 100
103 68.8 51.4 77.2



#8
Diethyl Ether
Concen: 19.602 ug/l
RT: 3.515 min Scan# 278
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion: 74 Resp: 13475
Ion Ratio Lower Upper
74 100
45 86.2 49.1 147.4

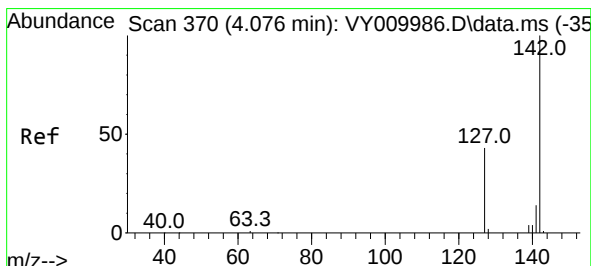
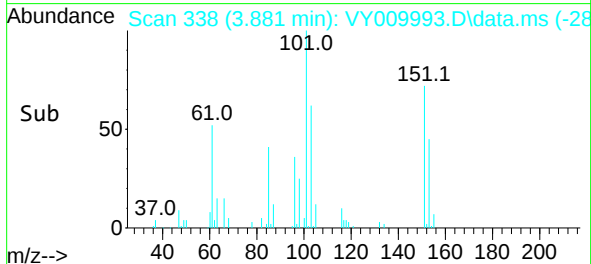
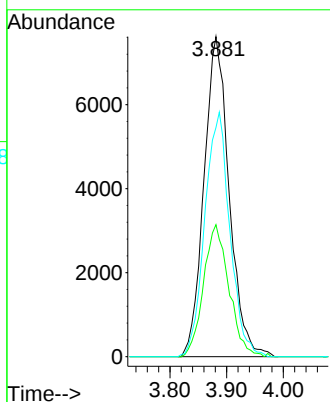
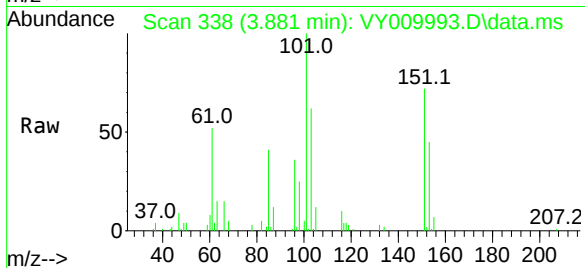




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.018 ug/l
RT: 3.881 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

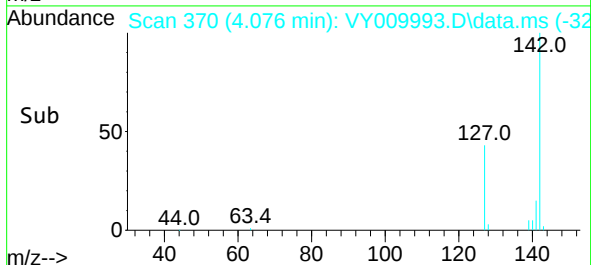
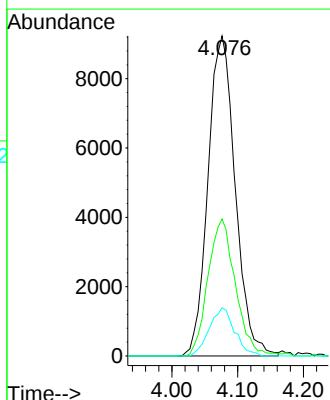
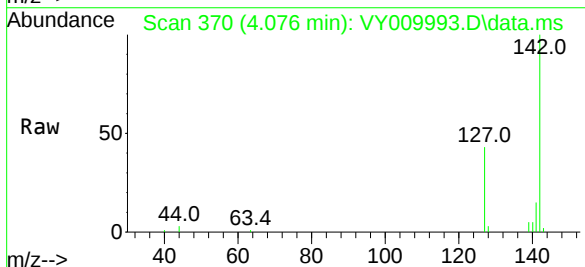
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

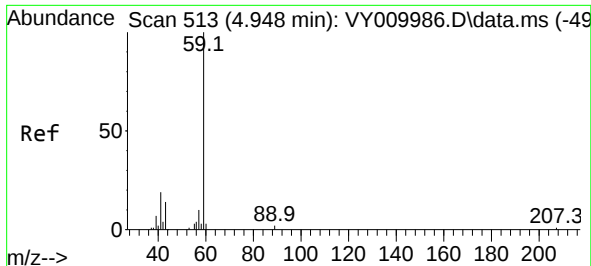
Tgt Ion:	101	Resp:	23492
Ion	Ratio	Lower	Upper
101	100		
85	41.6	36.2	54.2
151	76.2	63.6	95.4



#10
Methyl Iodide
Concen: 18.971 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion:	142	Resp:	26632
Ion	Ratio	Lower	Upper
142	100		
127	43.2	35.2	52.8
141	14.0	11.4	17.2

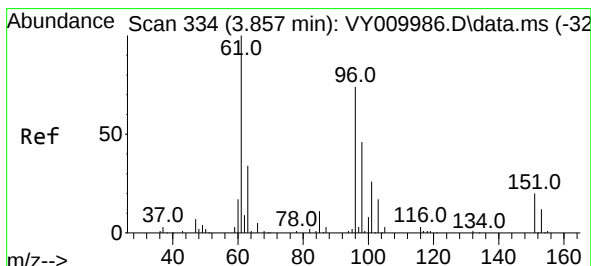
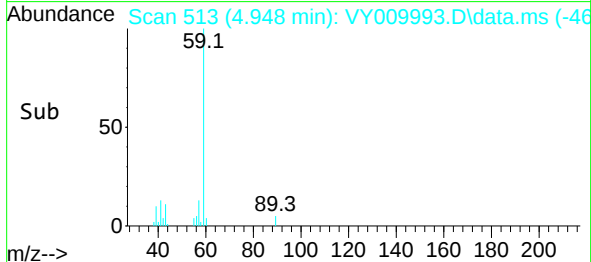
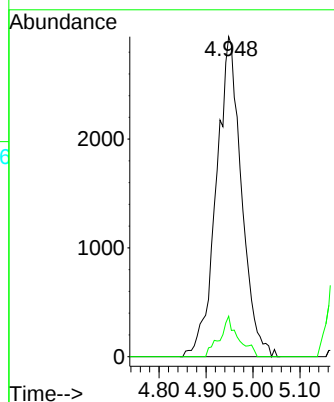
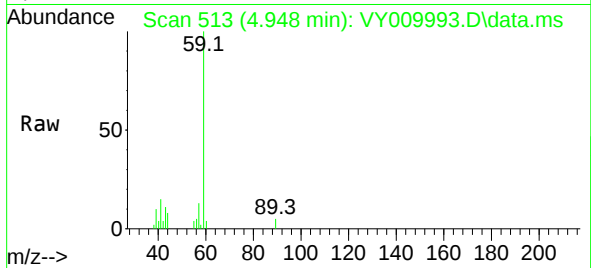




#11
Tert butyl alcohol
Concen: 95.972 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

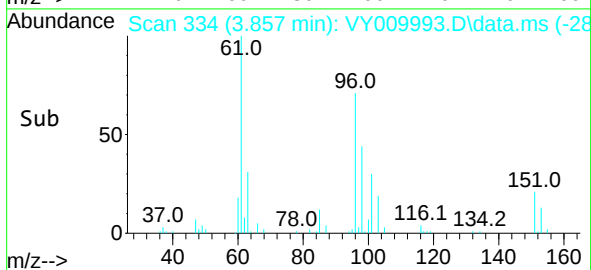
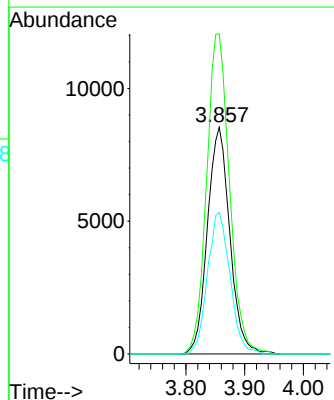
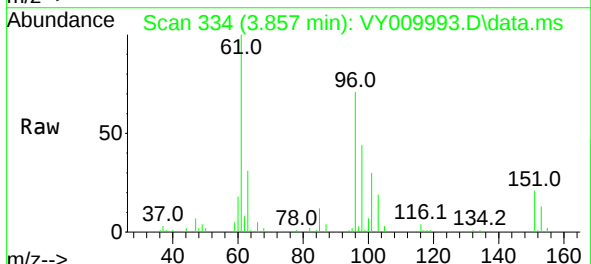
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

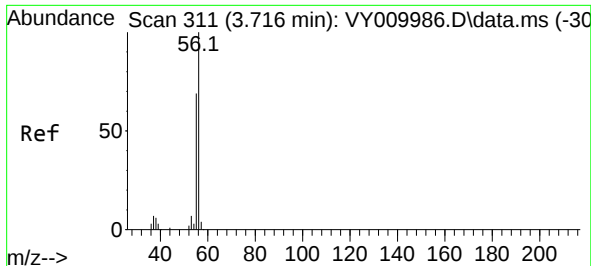
Tgt Ion: 59 Resp: 10994
Ion Ratio Lower Upper
59 100
57 9.3 6.3 9.5



#12
1,1-Dichloroethene
Concen: 19.851 ug/l
RT: 3.857 min Scan# 334
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion: 96 Resp: 22618
Ion Ratio Lower Upper
96 100
61 141.1 121.9 182.9
98 62.4 48.2 72.4





#13

Acrolein

Concen: 98.362 ug/l

RT: 3.716 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

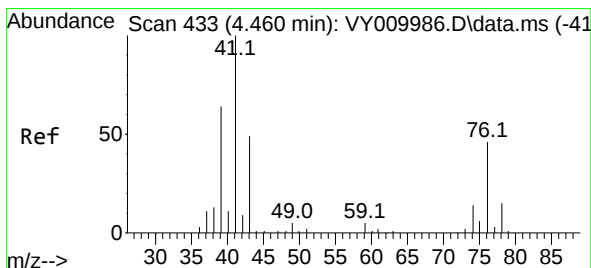
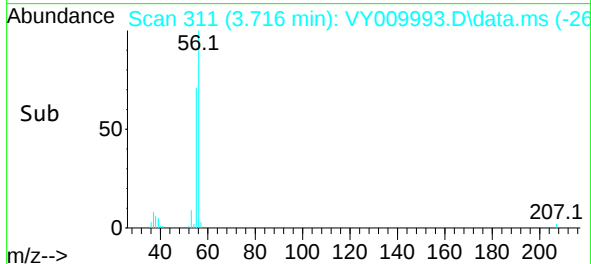
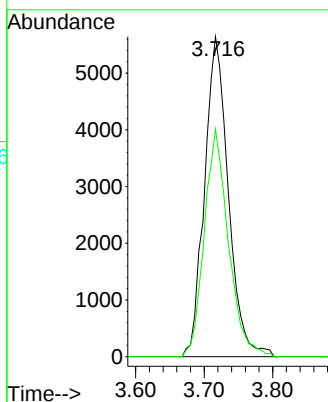
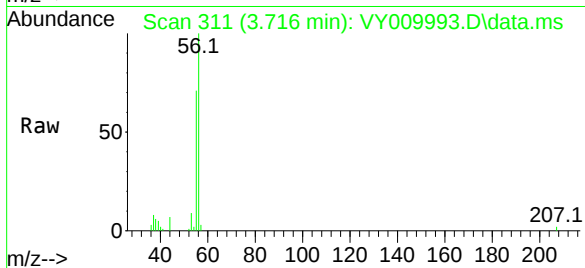
VY0812SBSD01

Tgt Ion: 56 Resp: 13622

Ion Ratio Lower Upper

56 100

55 72.2 54.8 82.2



#14

Allyl chloride

Concen: 19.492 ug/l

RT: 4.460 min Scan# 433

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

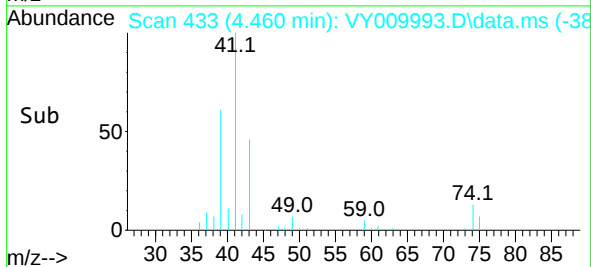
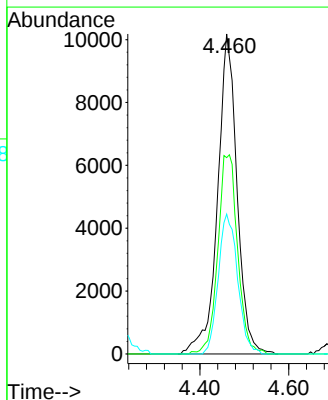
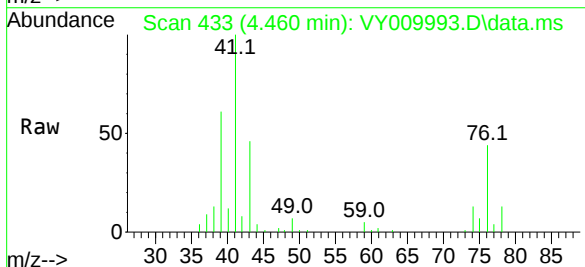
Tgt Ion: 41 Resp: 30963

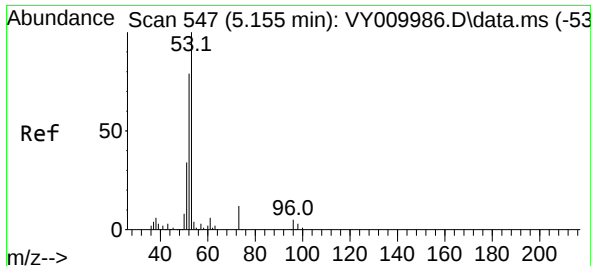
Ion Ratio Lower Upper

41 100

39 63.2 53.5 80.3

76 43.3 29.4 44.0

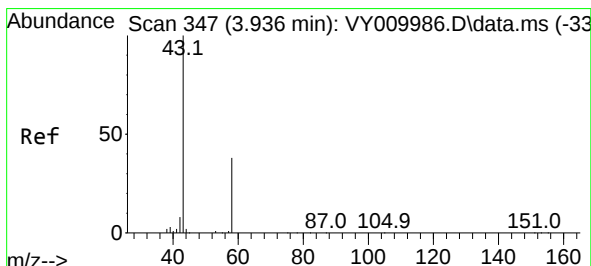
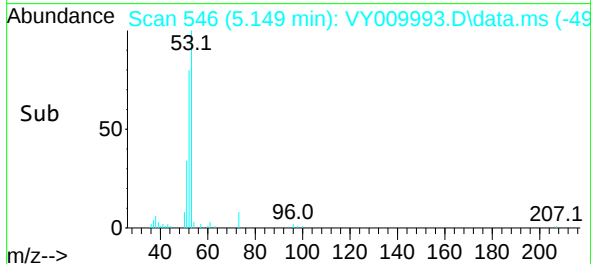
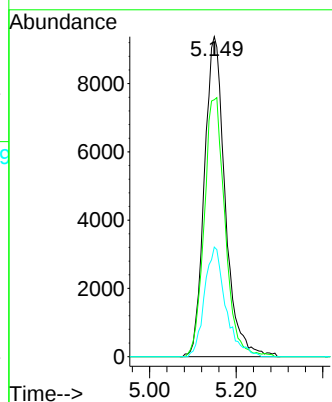
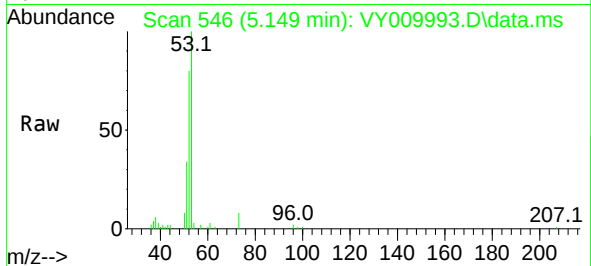




#15
Acrylonitrile
Concen: 95.030 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

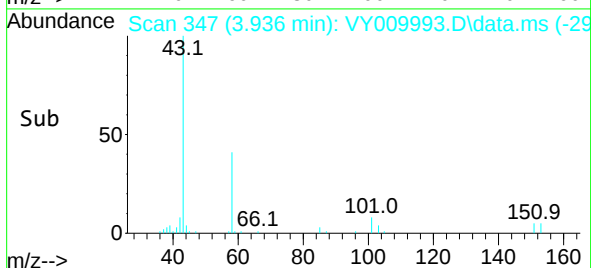
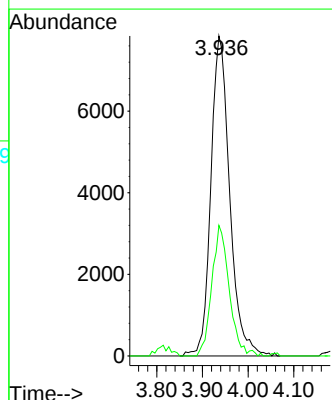
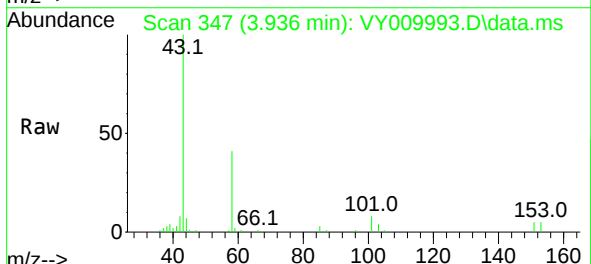
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBSD01

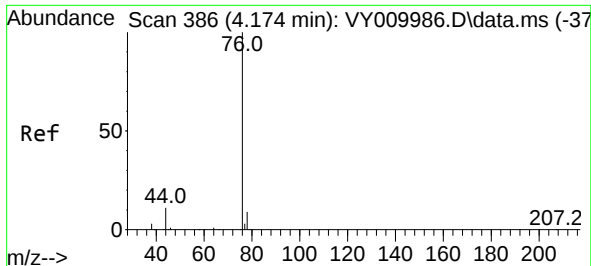
Tgt Ion: 53 Resp: 31268
Ion Ratio Lower Upper
53 100
52 81.1 65.4 98.2
51 34.9 28.4 42.6



#16
Acetone
Concen: 86.965 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion: 43 Resp: 22480
Ion Ratio Lower Upper
43 100
58 40.8 24.0 36.0#

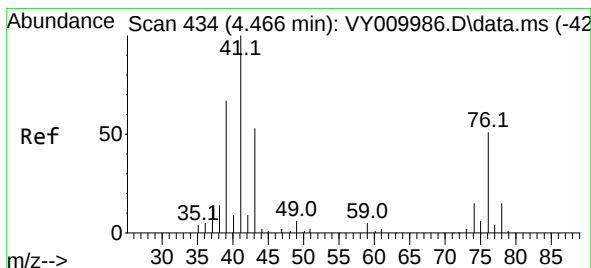
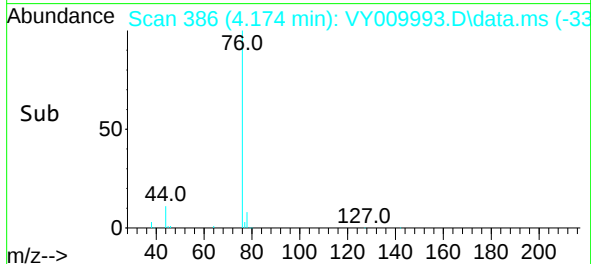
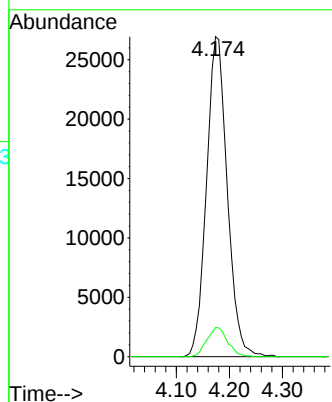
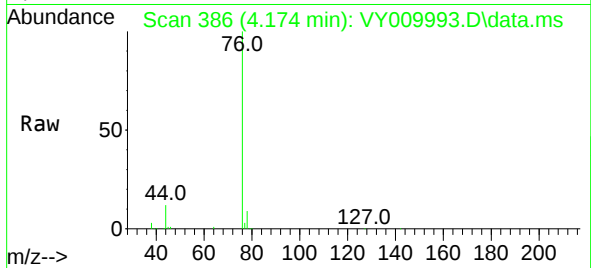




#17
Carbon Disulfide
Concen: 19.764 ug/l
RT: 4.174 min Scan# 386
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

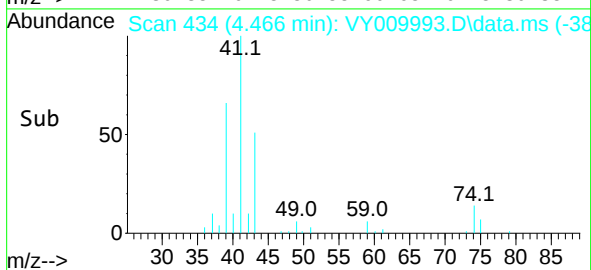
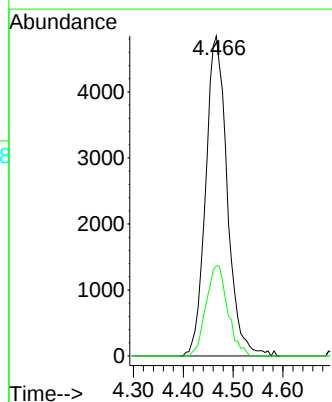
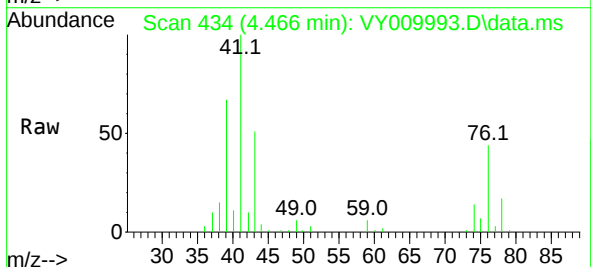
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBSD01

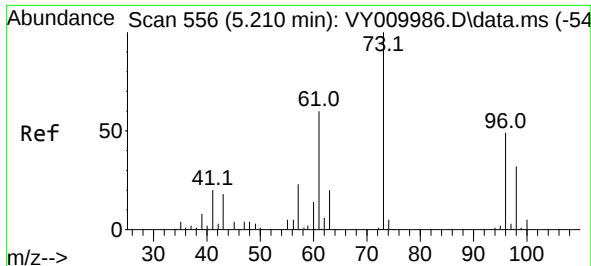
Tgt Ion: 76 Resp: 73287
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 18.662 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion: 43 Resp: 14561
Ion Ratio Lower Upper
43 100
74 28.3 18.8 28.2#





#19

Methyl tert-butyl Ether

Concen: 19.659 ug/l

RT: 5.210 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

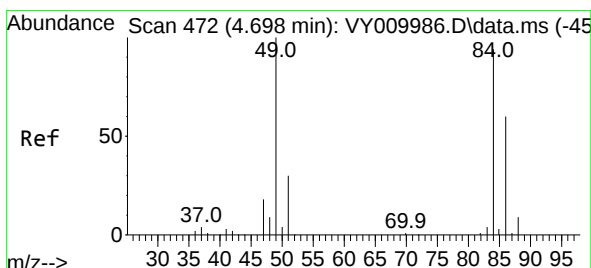
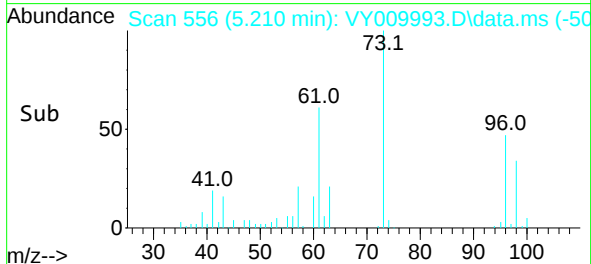
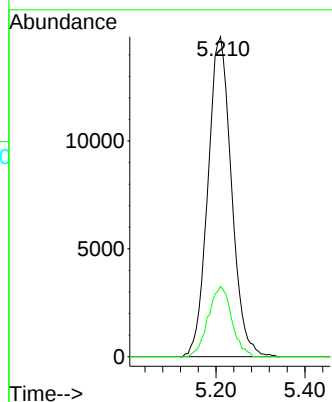
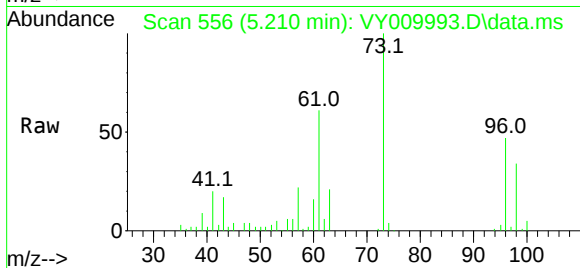
VY0812SBSD01

Tgt Ion: 73 Resp: 54733

Ion Ratio Lower Upper

73 100

57 22.0 18.5 27.7



#20

Methylene Chloride

Concen: 17.528 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Tgt Ion: 84 Resp: 28921

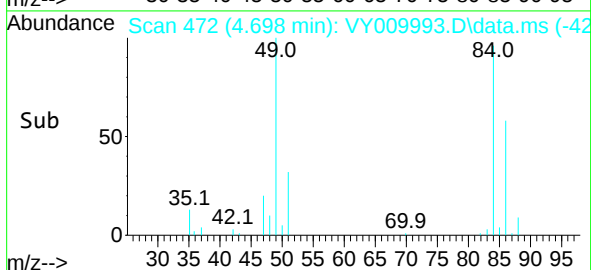
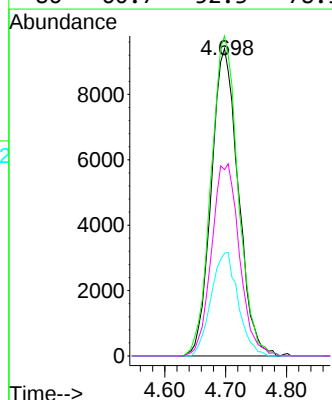
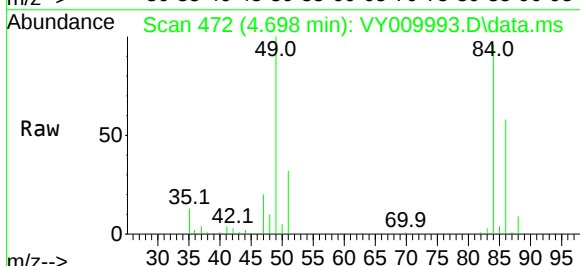
Ion Ratio Lower Upper

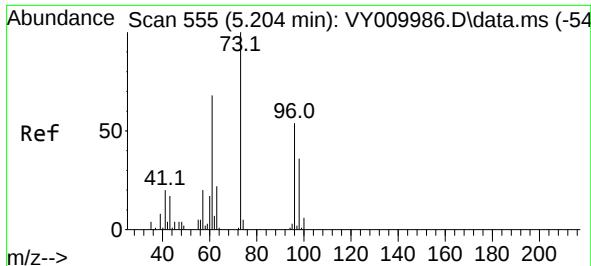
84 100

49 104.1 98.2 147.4

51 33.4 33.4 50.0

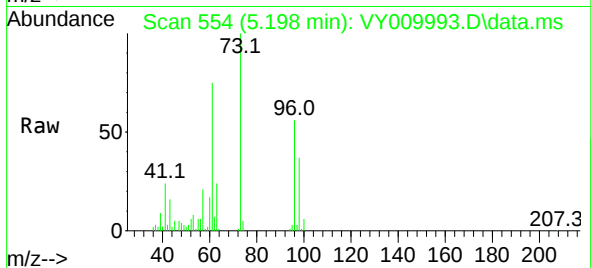
86 60.7 52.3 78.5



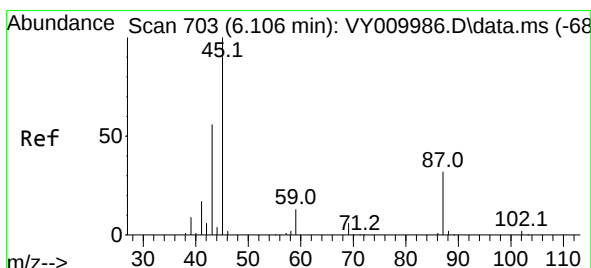
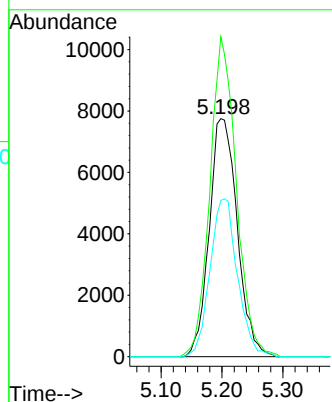
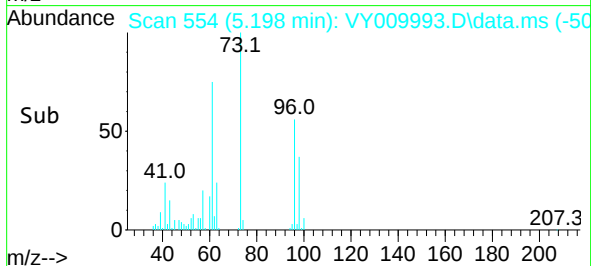


#21
trans-1,2-Dichloroethene
Concen: 19.539 ug/l
RT: 5.198 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

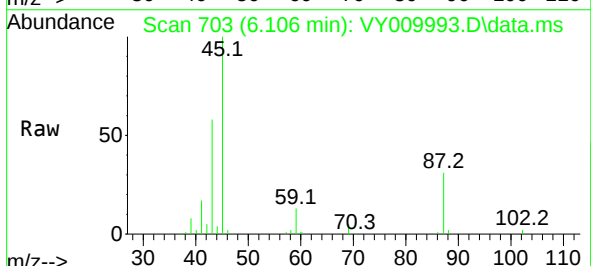
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBSD01



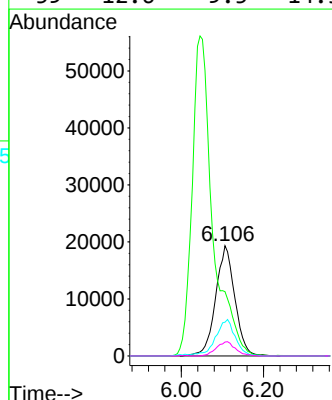
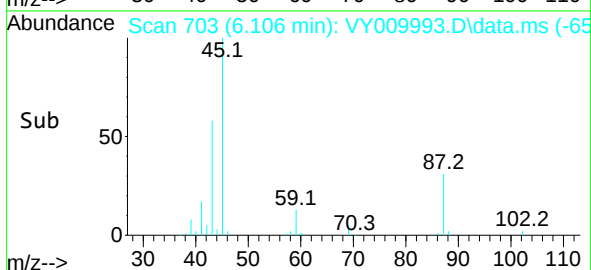
Tgt Ion: 96 Resp: 24740
Ion Ratio Lower Upper
96 100
61 134.4 105.8 158.6
98 65.6 49.7 74.5

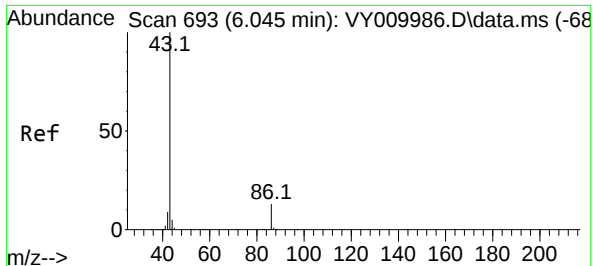


#22
Diisopropyl ether
Concen: 19.523 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59



Tgt Ion: 45 Resp: 62697
Ion Ratio Lower Upper
45 100
43 57.9 43.7 65.5
87 30.6 22.2 33.4
59 12.6 9.5 14.3

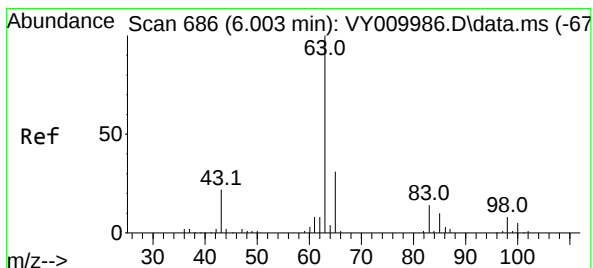
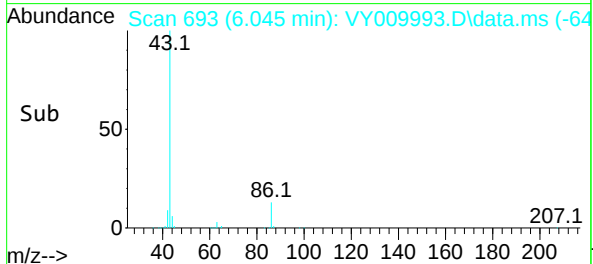
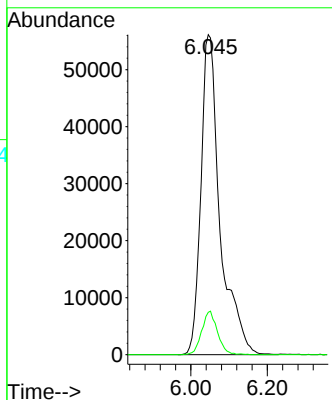
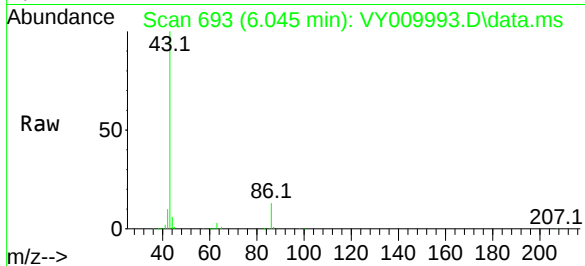




#23
 Vinyl Acetate
 Concen: 98.217 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY009993.D
 Acq: 12 Aug 2022 17:59

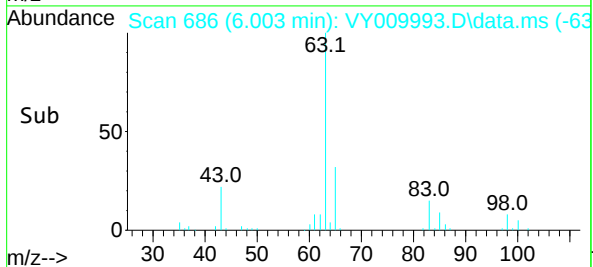
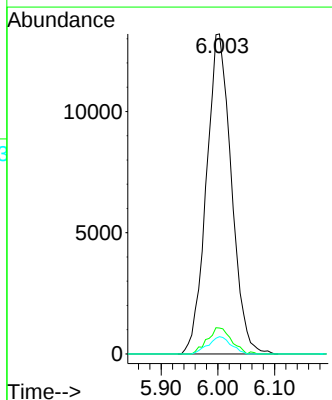
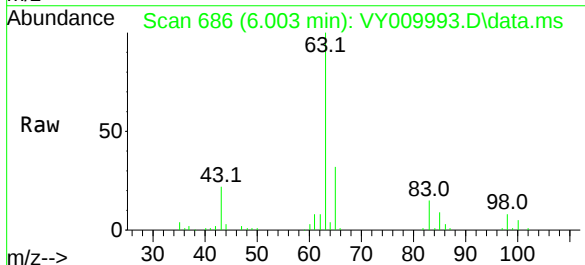
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0812SBSD01

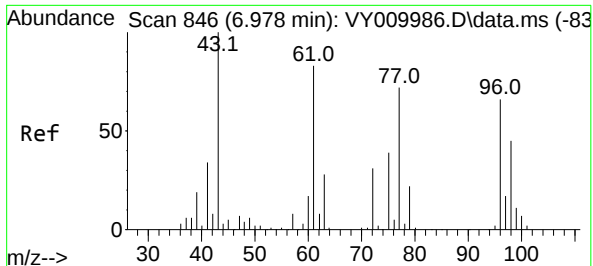
Tgt Ion: 43 Resp: 194896
 Ion Ratio Lower Upper
 43 100
 86 13.3 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 19.699 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY009993.D
 Acq: 12 Aug 2022 17:59

Tgt Ion: 63 Resp: 40369
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 5.4 2.8 8.3





#25

2-Butanone

Concen: 89.197 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

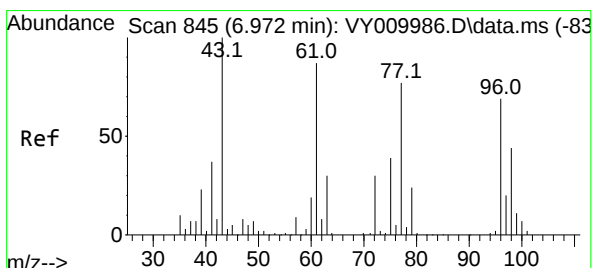
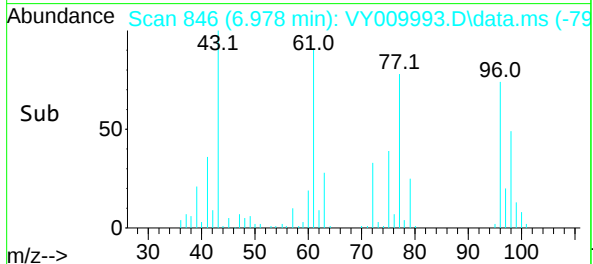
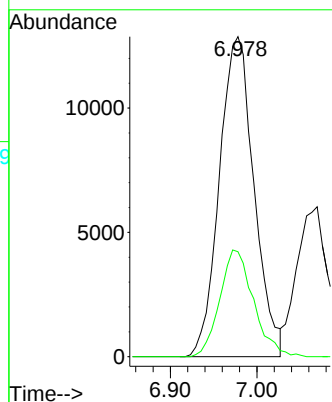
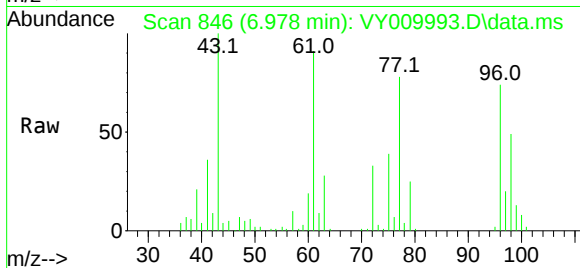
VY0812SBS01

Tgt Ion: 43 Resp: 35778

Ion Ratio Lower Upper

43 100

72 32.8 21.5 32.3#



#26

2,2-Dichloropropane

Concen: 18.703 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009993.D

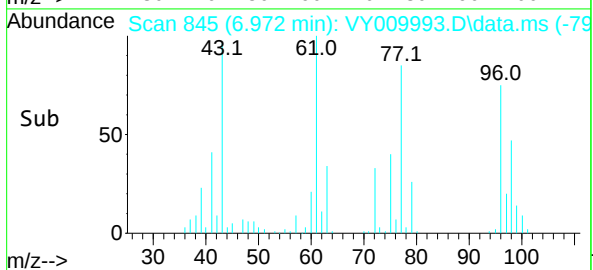
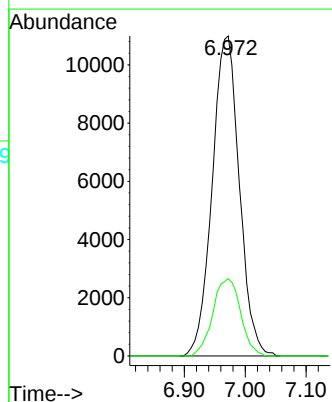
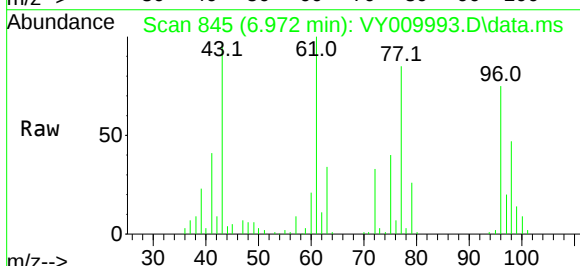
Acq: 12 Aug 2022 17:59

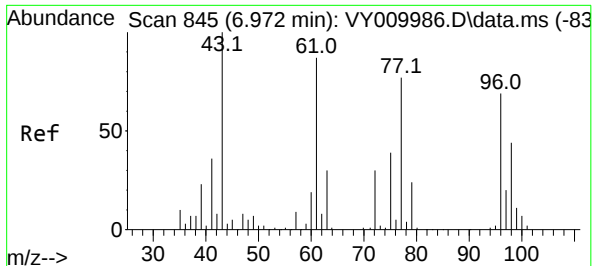
Tgt Ion: 77 Resp: 33972

Ion Ratio Lower Upper

77 100

97 24.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 19.645 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBS01

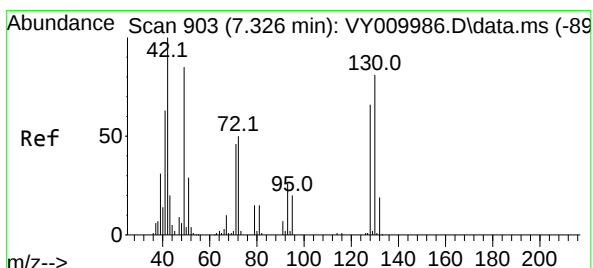
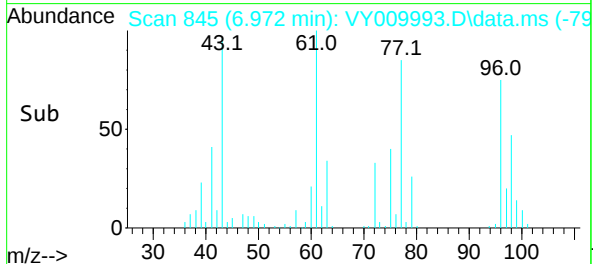
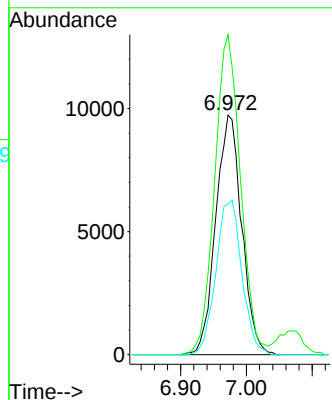
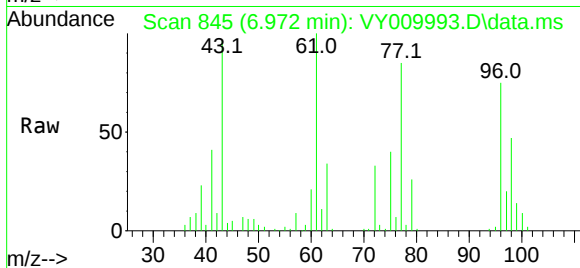
Tgt Ion: 96 Resp: 26721

Ion Ratio Lower Upper

96 100

61 133.3 0.0 285.6

98 64.7 0.0 131.0



#28

Bromochloromethane

Concen: 18.072 ug/l

RT: 7.319 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

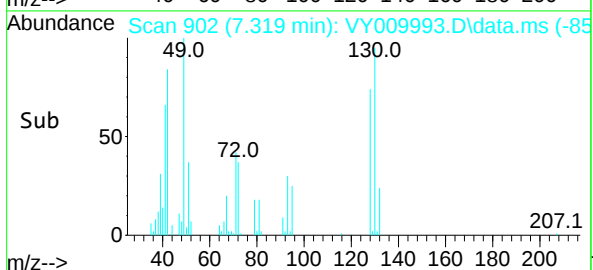
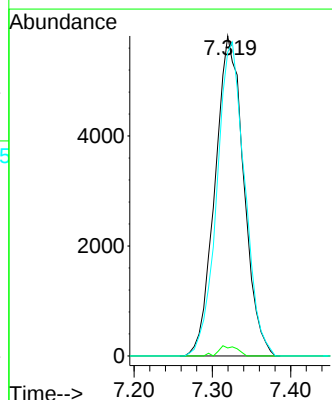
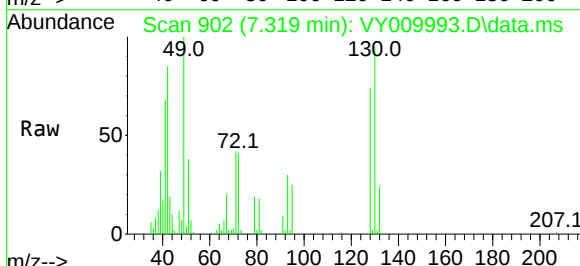
Tgt Ion: 49 Resp: 14792

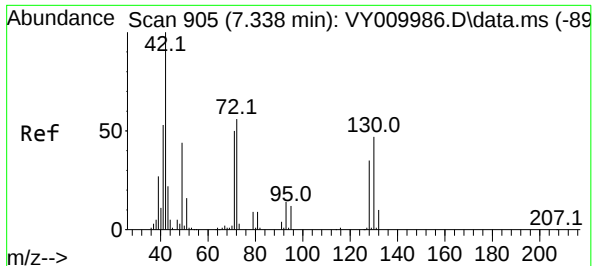
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 95.4 64.1 96.1

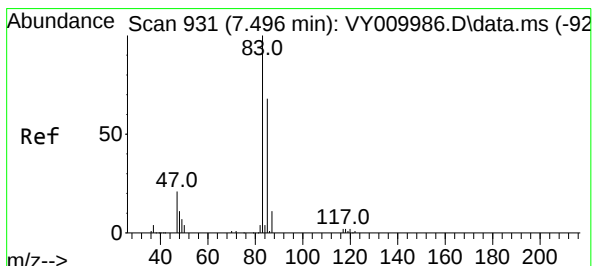
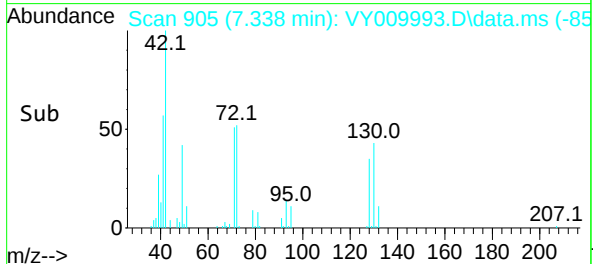
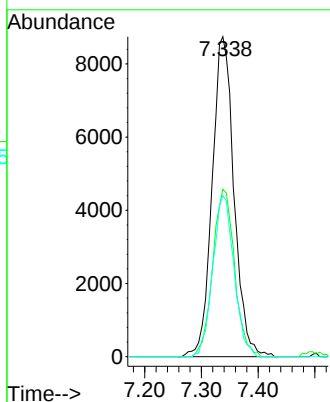
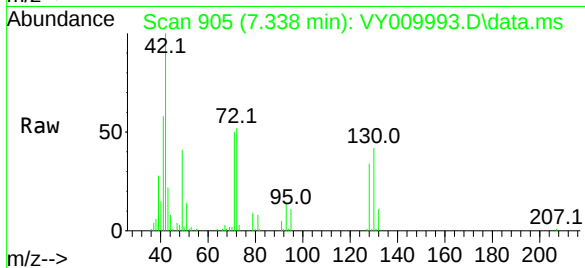




#29
Tetrahydrofuran
Concen: 92.305 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

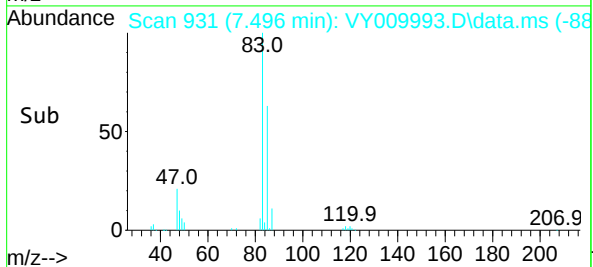
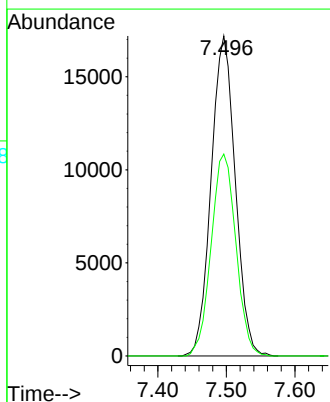
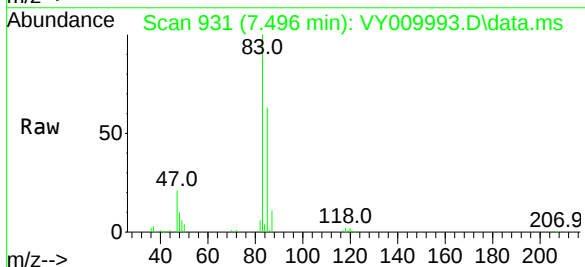
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBSD01

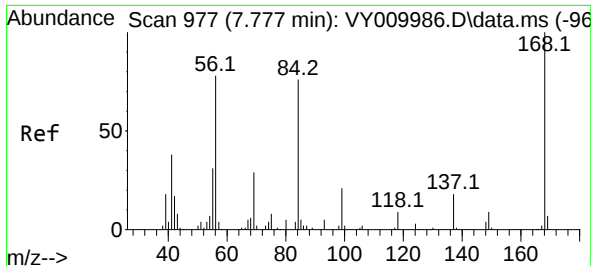
Tgt Ion: 42 Resp: 23399
Ion Ratio Lower Upper
42 100
72 52.1 34.6 52.0#
71 48.9 32.7 49.1



#30
Chloroform
Concen: 19.833 ug/l
RT: 7.496 min Scan# 931
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

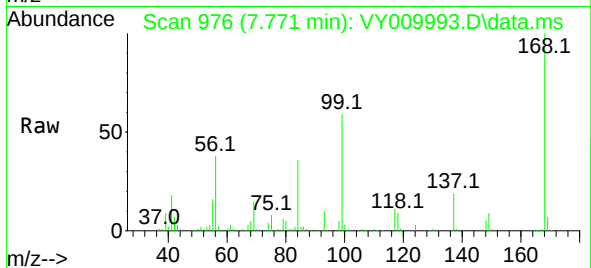
Tgt Ion: 83 Resp: 42028
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7



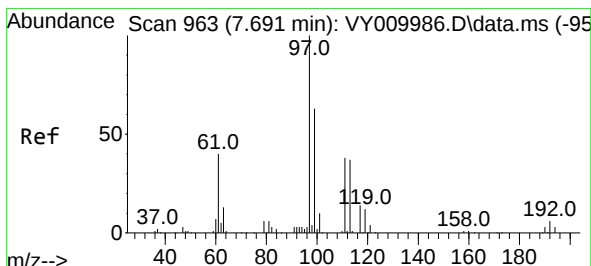
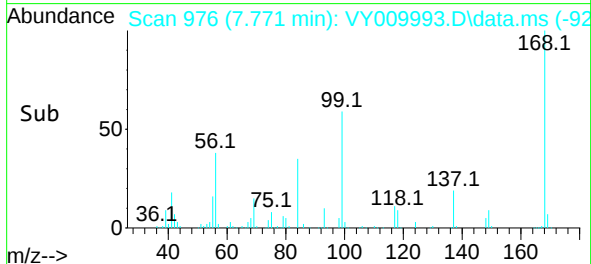
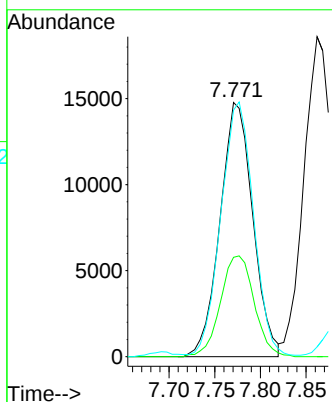


#31
Cyclohexane
Concen: 19.148 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

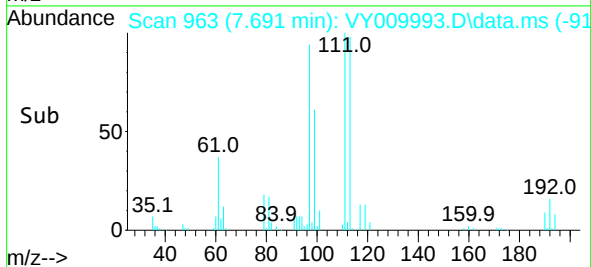
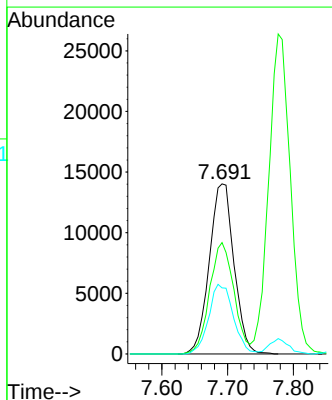
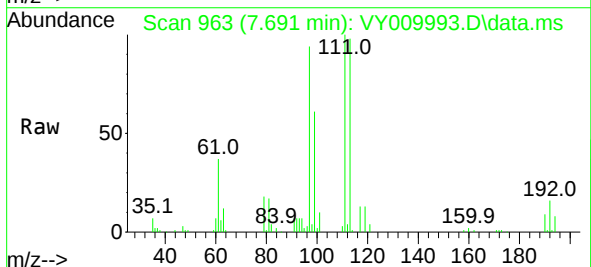


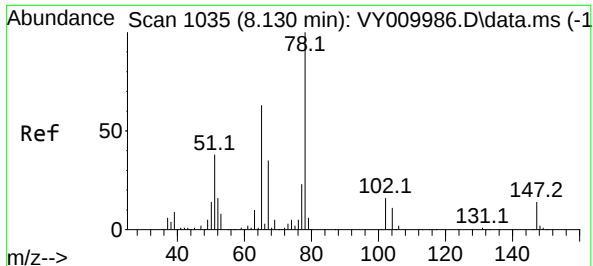
Tgt Ion: 56 Resp: 36889
Ion Ratio Lower Upper
56 100
69 39.1 26.0 39.0#
84 96.0 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 20.349 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion: 97 Resp: 36641
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 40.8 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 50.591 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

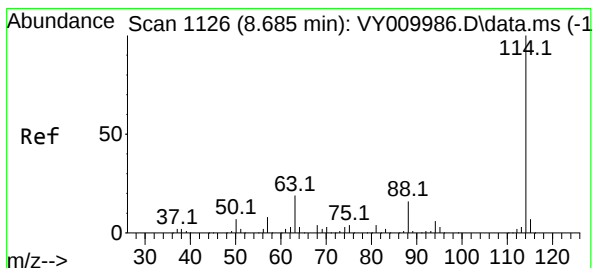
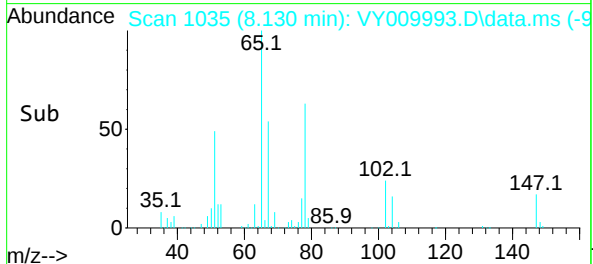
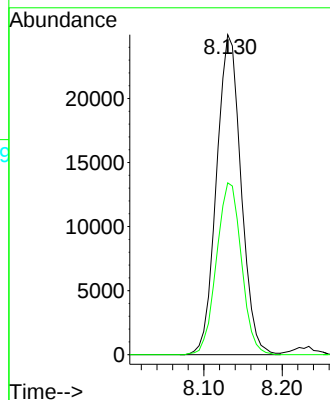
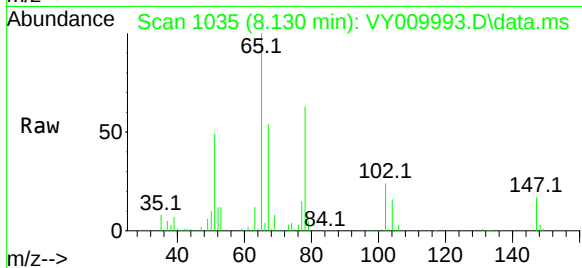
VY0812SBSD01

Tgt Ion: 65 Resp: 54451

Ion Ratio Lower Upper

65 100

67 54.5 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

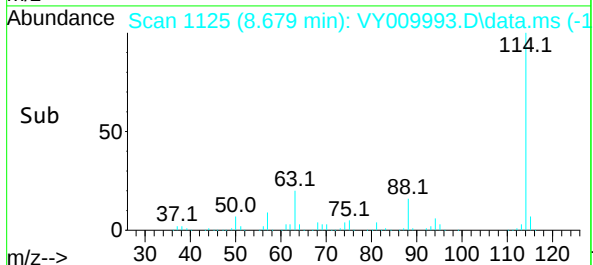
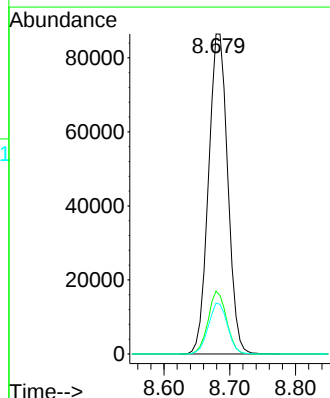
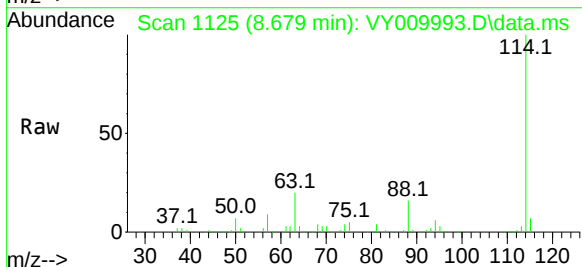
Tgt Ion: 114 Resp: 175650

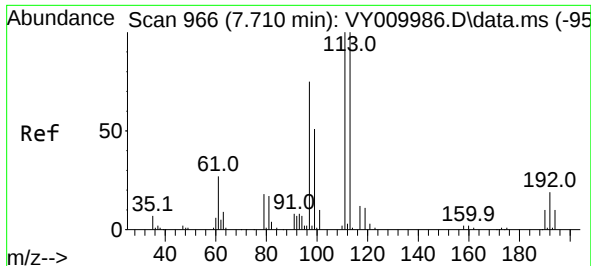
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

88 15.9 0.0 30.0

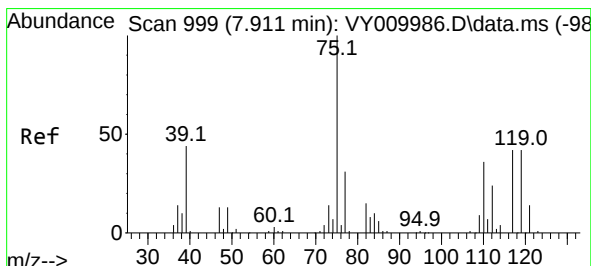
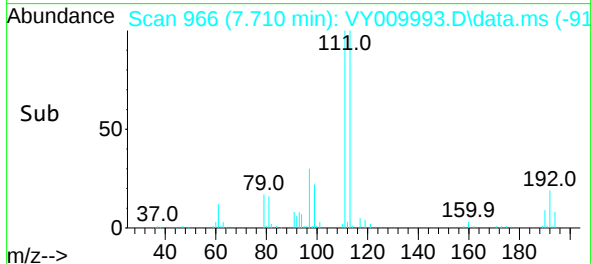
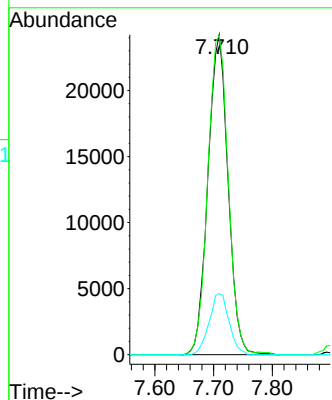
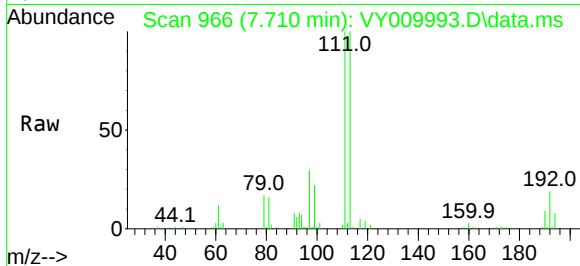




#35
Dibromofluoromethane
Concen: 53.513 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

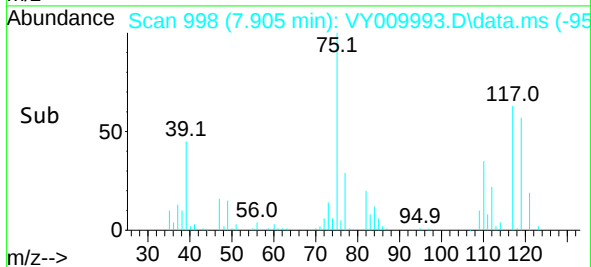
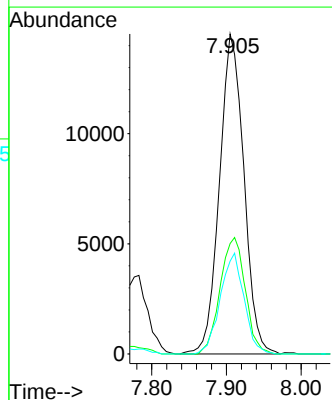
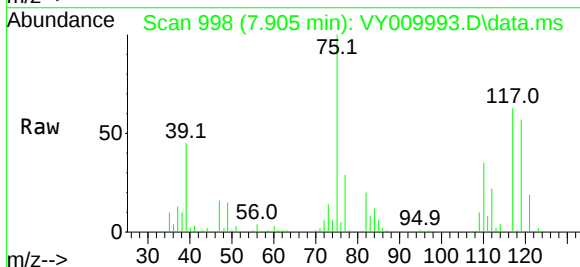
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBSD01

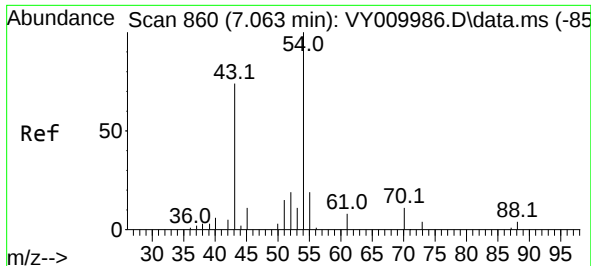
Tgt Ion:113 Resp: 57529
Ion Ratio Lower Upper
113 100
111 101.3 80.6 120.8
192 18.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.641 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion: 75 Resp: 33043
Ion Ratio Lower Upper
75 100
110 37.5 18.6 56.0
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 18.777 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBSD01

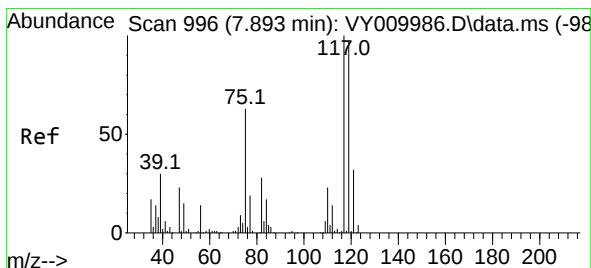
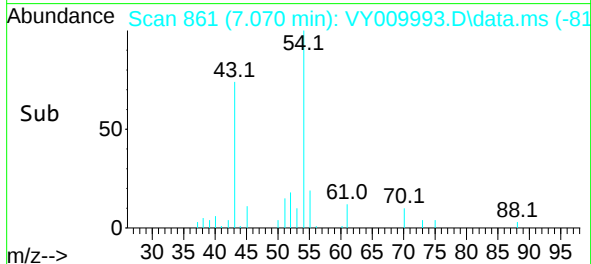
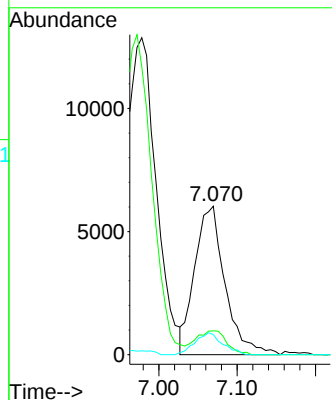
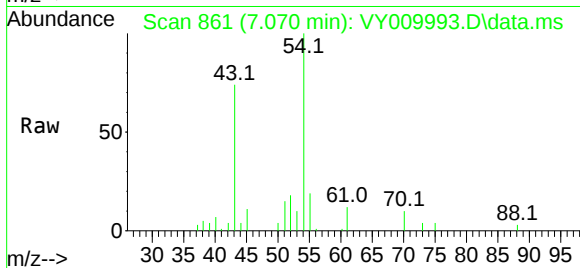
Tgt Ion: 43 Resp: 16223

Ion Ratio Lower Upper

43 100

61 16.4 11.2 16.8

70 13.4 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 20.653 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

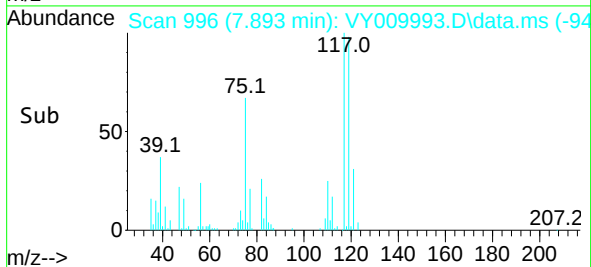
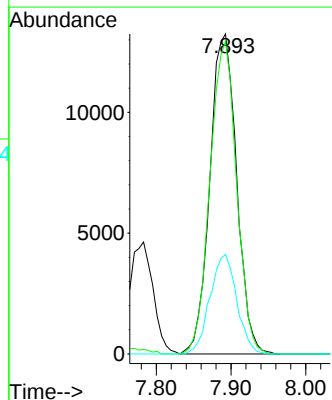
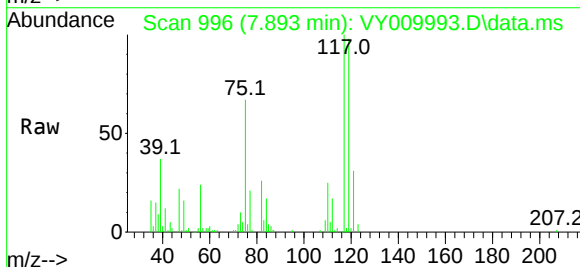
Tgt Ion: 117 Resp: 32994

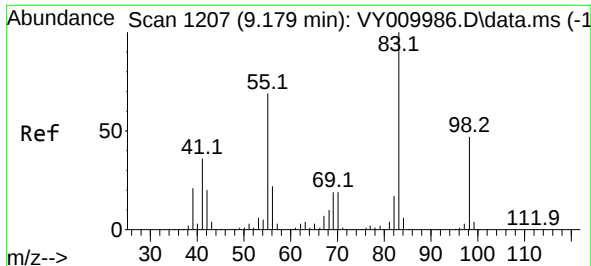
Ion Ratio Lower Upper

117 100

119 97.6 75.9 113.9

121 31.1 24.9 37.3





#39

Methylcyclohexane

Concen: 20.217 ug/l

RT: 9.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBSD01

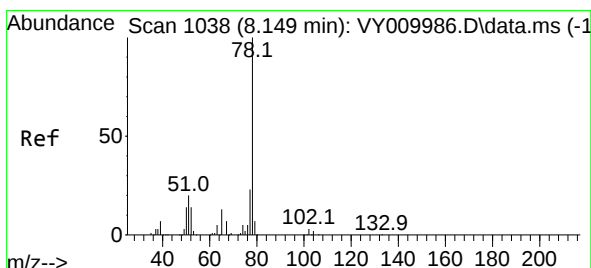
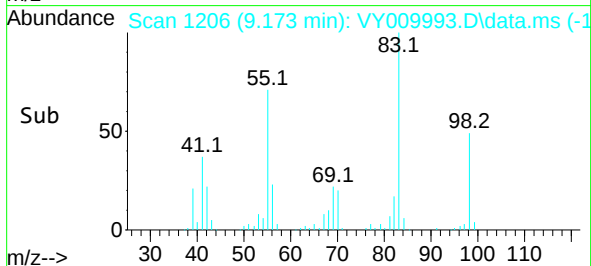
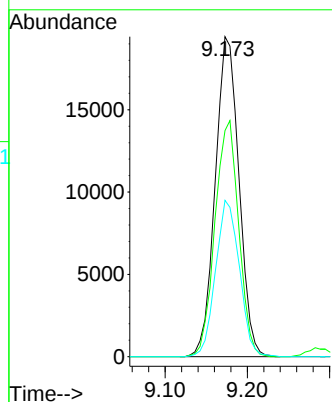
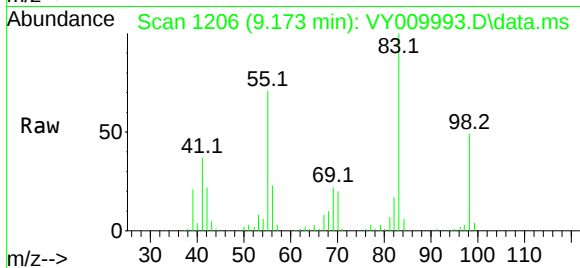
Tgt Ion: 83 Resp: 38970

Ion Ratio Lower Upper

83 100

55 70.7 56.7 85.1

98 48.8 39.9 59.9



#40

Benzene

Concen: 20.212 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY009993.D

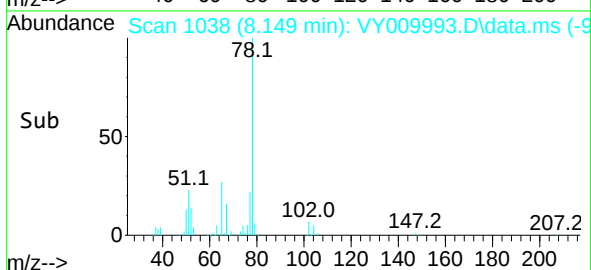
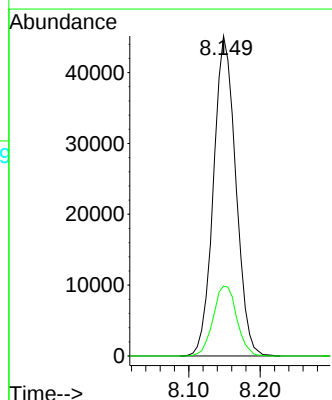
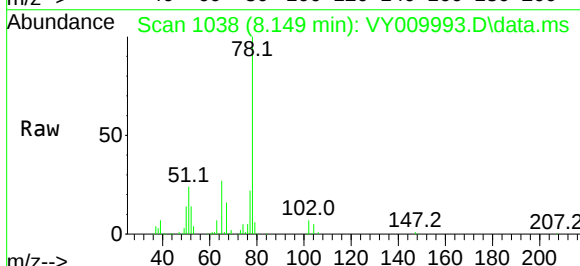
Acq: 12 Aug 2022 17:59

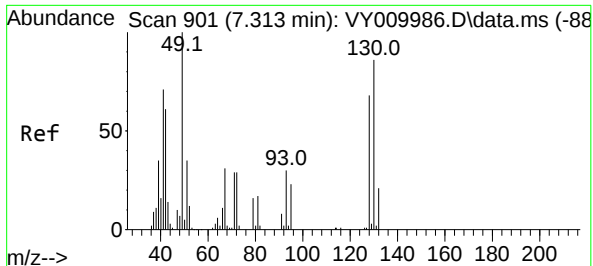
Tgt Ion: 78 Resp: 97917

Ion Ratio Lower Upper

78 100

77 21.9 19.4 29.0

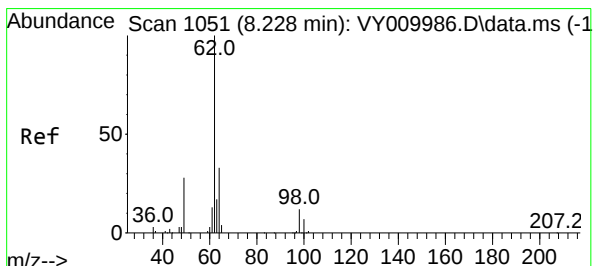
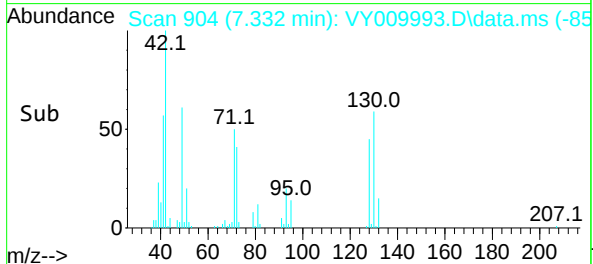
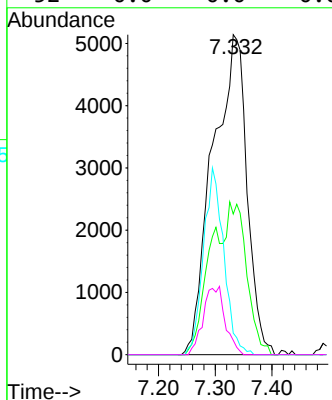
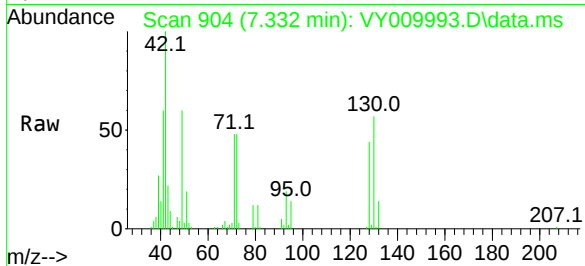




#41
Methacrylonitrile
Concen: 46.800 ug/l
RT: 7.332 min Scan# 901
Delta R.T. 0.018 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

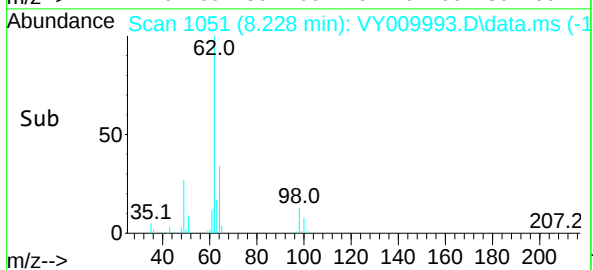
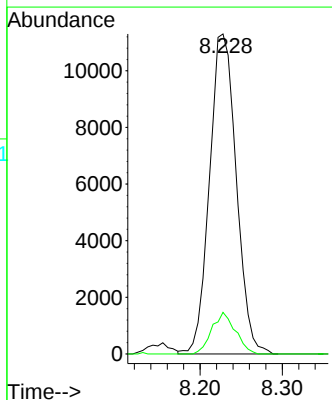
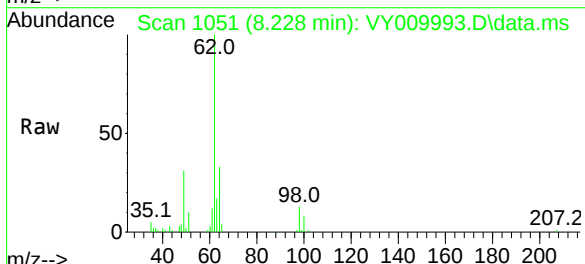
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBSD01

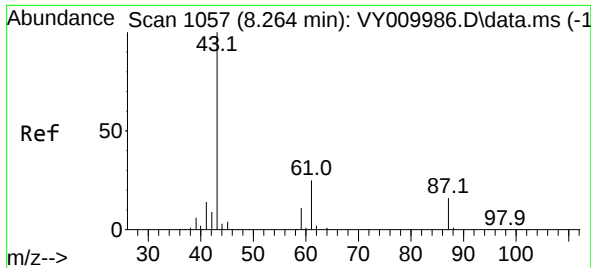
Tgt Ion: 41 Resp: 21477
Ion Ratio Lower Upper
41 100
39 28.4 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.383 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion: 62 Resp: 25579
Ion Ratio Lower Upper
62 100
98 11.4 0.0 20.6





#43

Isopropyl Acetate

Concen: 19.775 ug/l

RT: 8.264 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBSD01

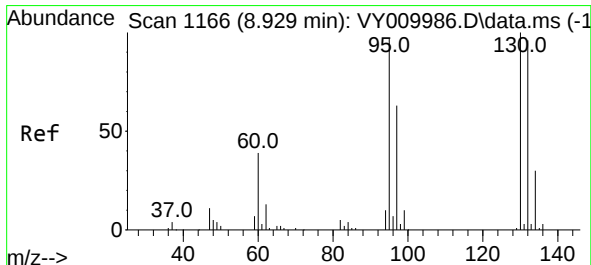
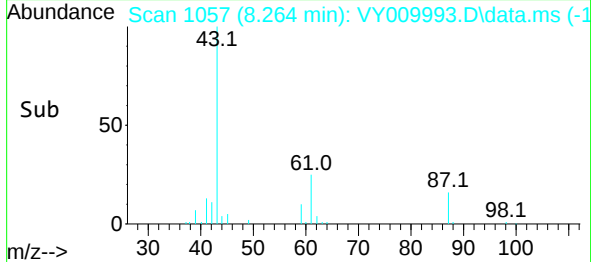
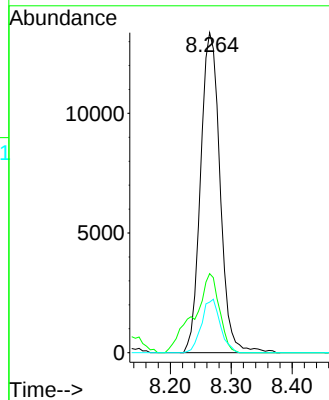
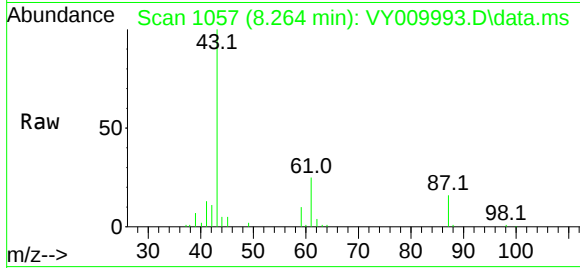
Tgt Ion: 43 Resp: 29656

Ion Ratio Lower Upper

43 100

61 32.3 23.6 35.4

87 16.1 11.3 16.9



#44

Trichloroethene

Concen: 20.072 ug/l

RT: 8.929 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VY009993.D

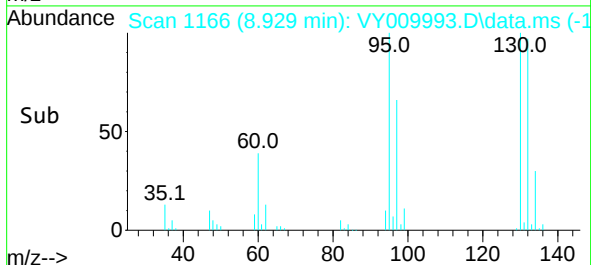
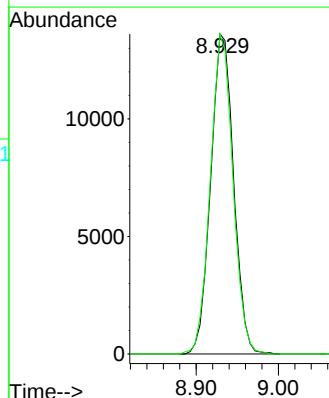
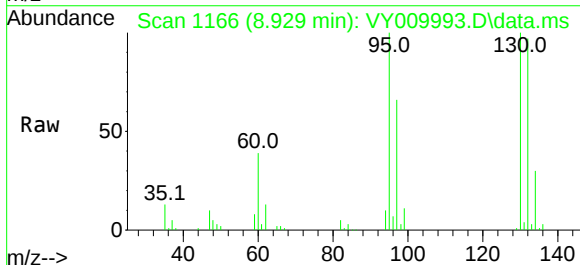
Acq: 12 Aug 2022 17:59

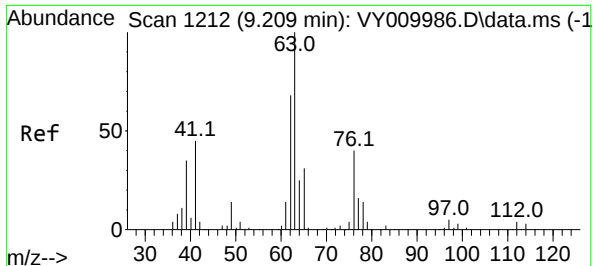
Tgt Ion:130 Resp: 26333

Ion Ratio Lower Upper

130 100

95 99.9 0.0 194.6





#45

1,2-Dichloropropane

Concen: 20.140 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

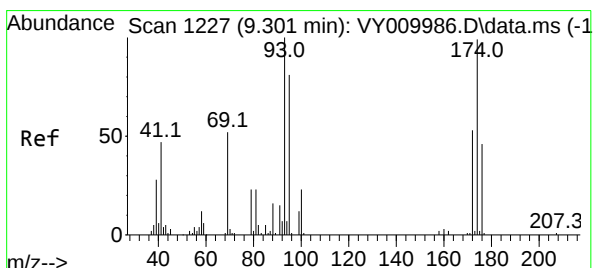
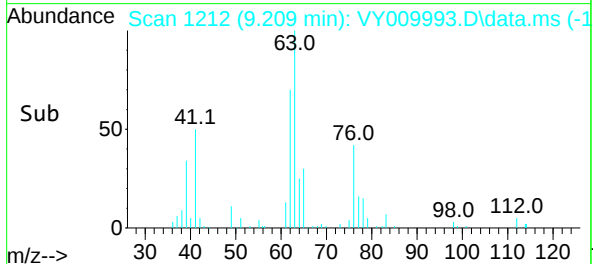
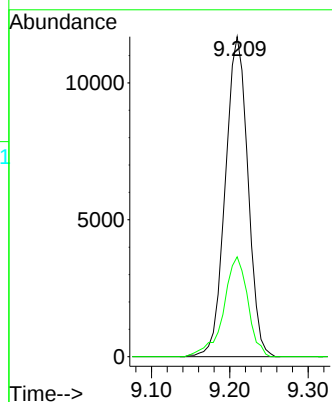
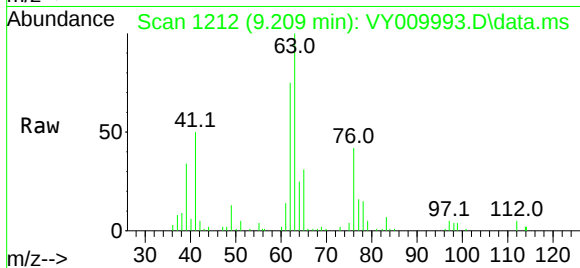
VY0812SBSD01

Tgt Ion: 63 Resp: 23411

Ion Ratio Lower Upper

63 100

65 31.2 23.7 35.5



#46

Dibromomethane

Concen: 20.623 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

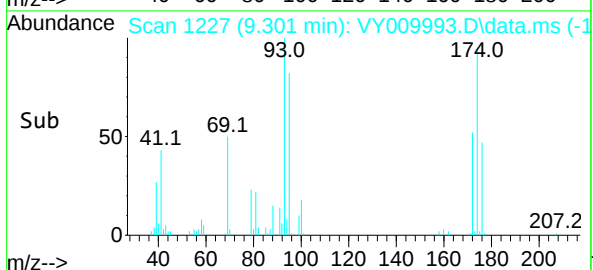
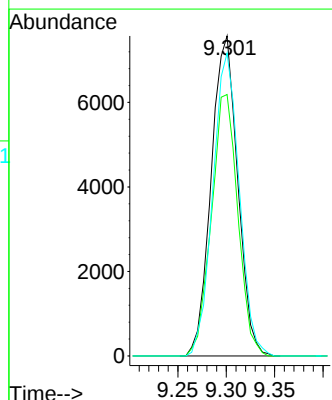
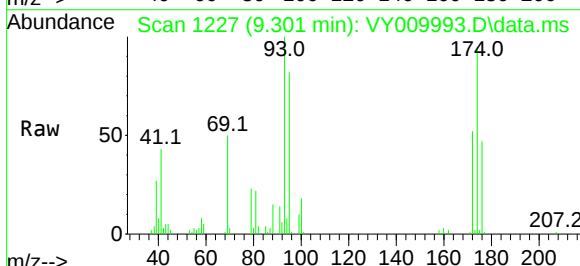
Tgt Ion: 93 Resp: 14432

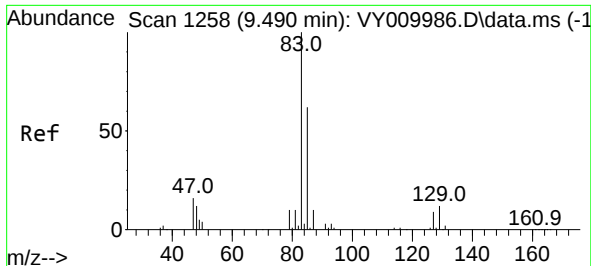
Ion Ratio Lower Upper

93 100

95 81.3 66.3 99.5

174 94.1 80.6 120.8

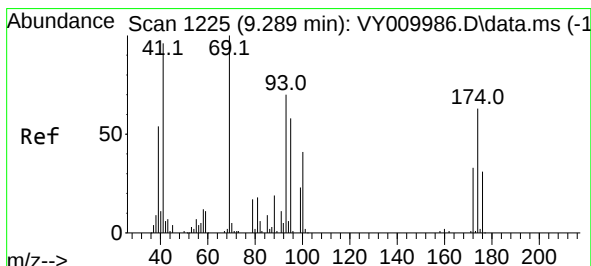
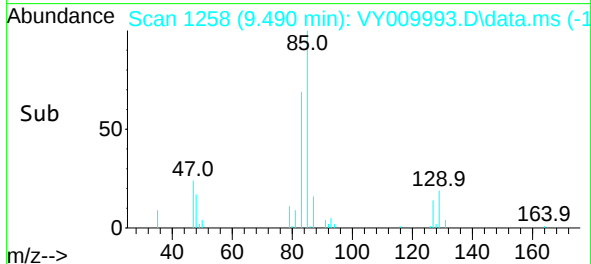
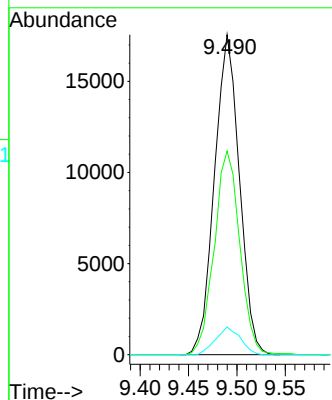
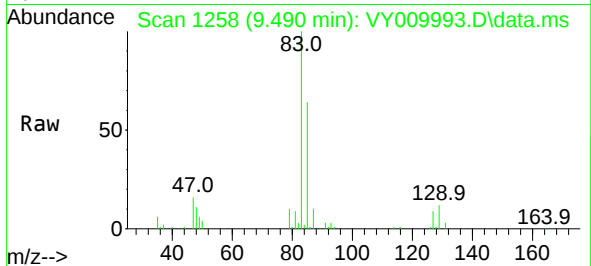




#47
Bromodichloromethane
Concen: 20.213 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

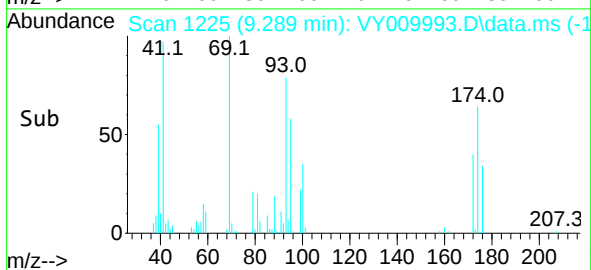
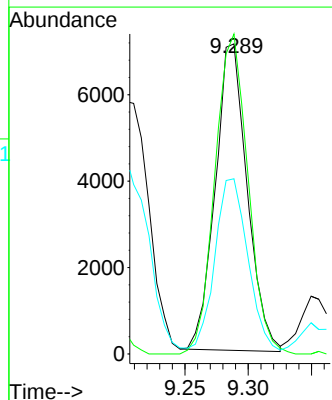
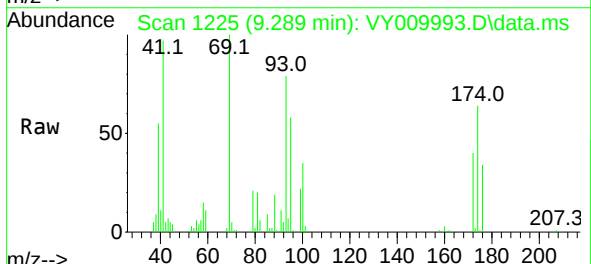
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBSD01

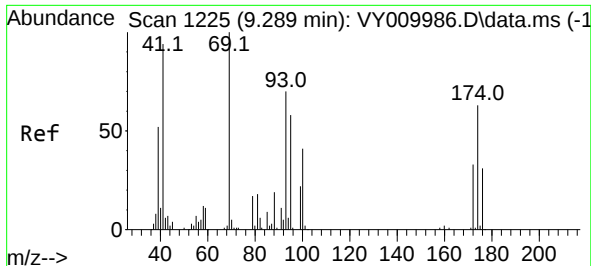
Tgt Ion: 83 Resp: 31447
Ion Ratio Lower Upper
83 100
85 63.6 51.2 76.8
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 18.940 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion: 41 Resp: 12463
Ion Ratio Lower Upper
41 100
69 107.8 73.2 109.8
39 57.3 47.5 71.3





#49

1,4-Dioxane

Concen: 388.964 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBS01

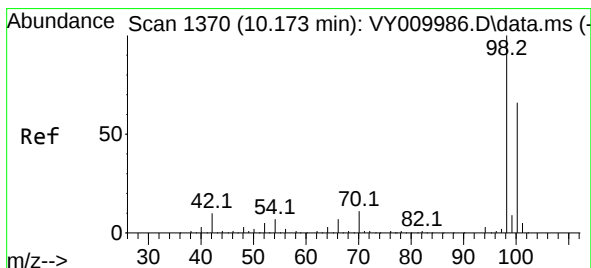
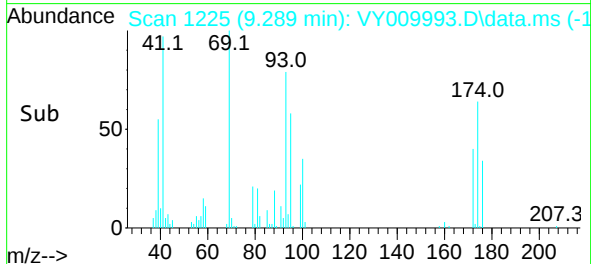
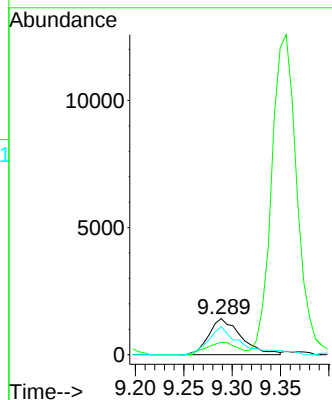
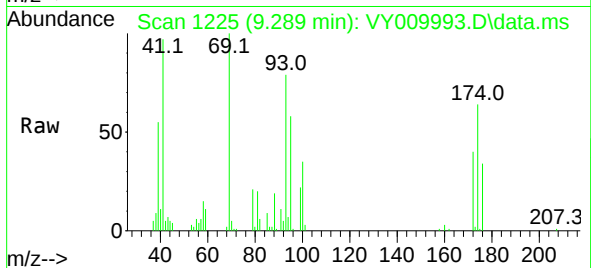
Tgt Ion: 88 Resp: 3282

Ion Ratio Lower Upper

88 100

43 31.8 26.3 39.5

58 79.0 52.6 79.0#



#50

Toluene-d8

Concen: 52.456 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY009993.D

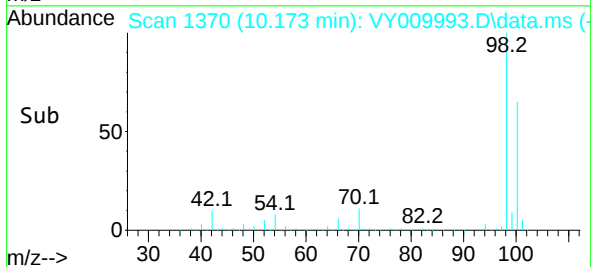
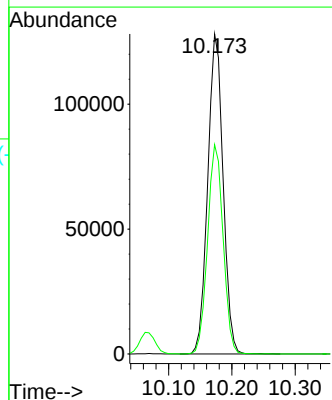
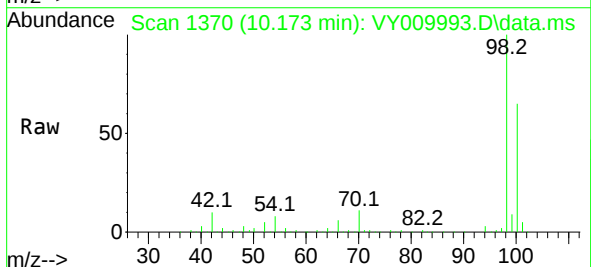
Acq: 12 Aug 2022 17:59

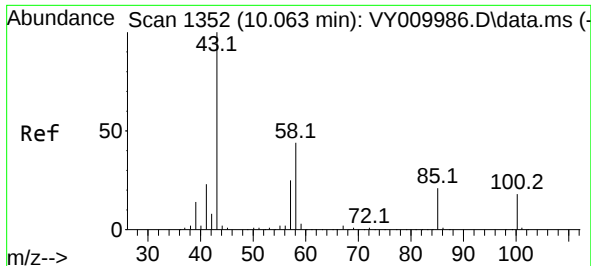
Tgt Ion: 98 Resp: 216078

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3

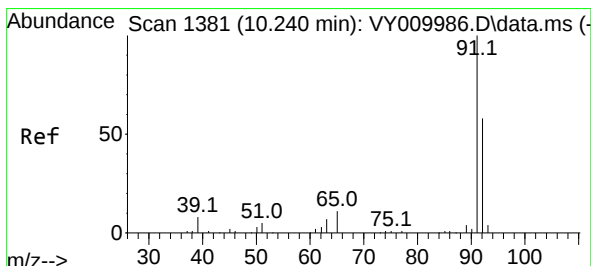
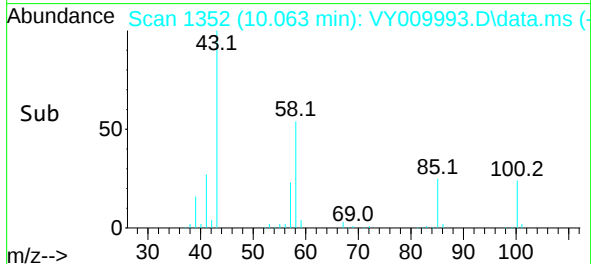
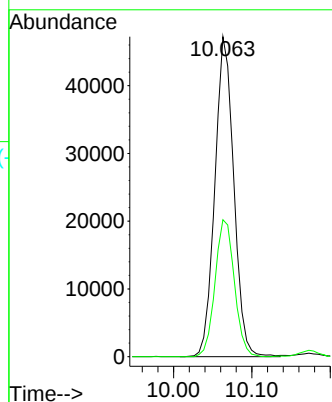
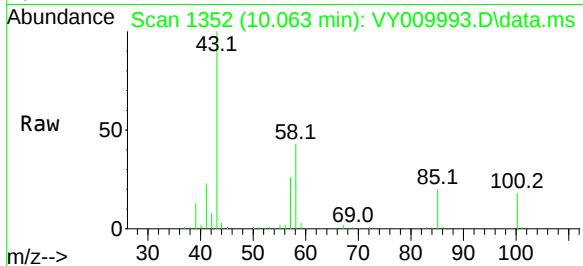




#51
4-Methyl-2-Pentanone
Concen: 97.660 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

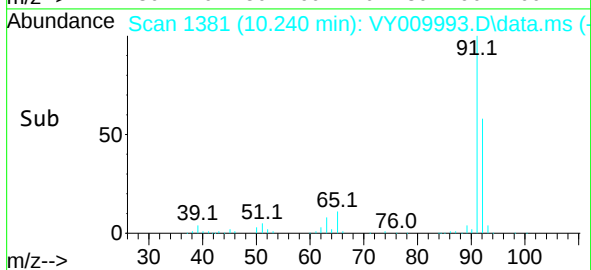
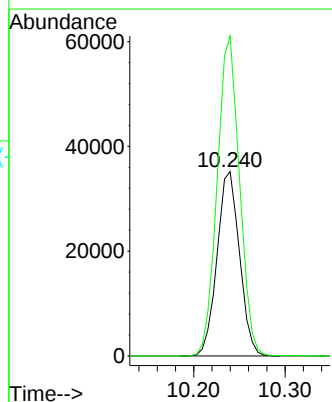
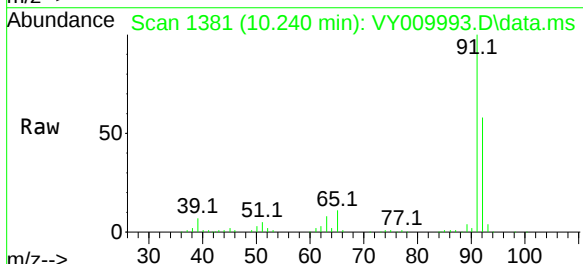
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBSD01

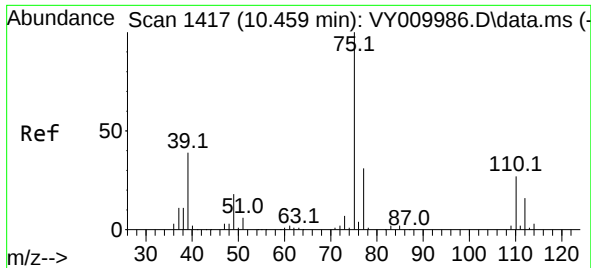
Tgt Ion: 43 Resp: 79406
Ion Ratio Lower Upper
43 100
58 43.7 31.5 47.3



#52
Toluene
Concen: 20.600 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion: 92 Resp: 60099
Ion Ratio Lower Upper
92 100
91 172.7 138.7 208.1

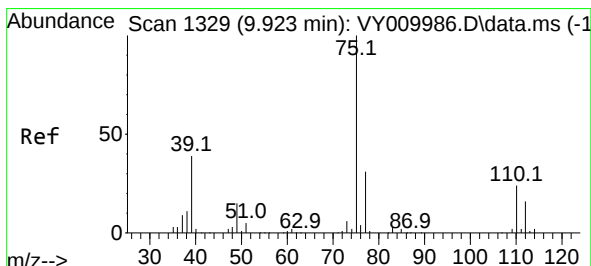
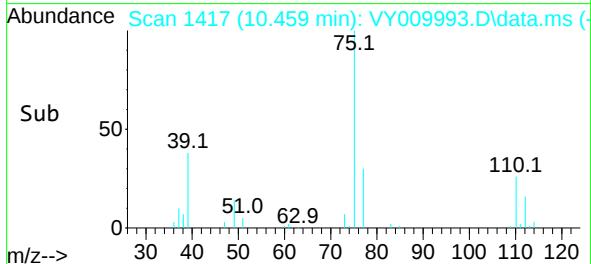
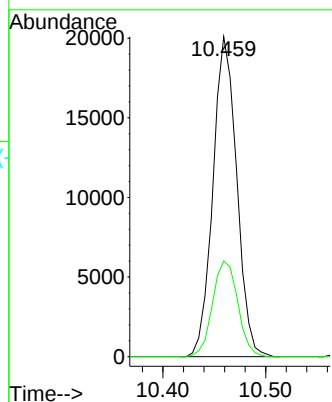
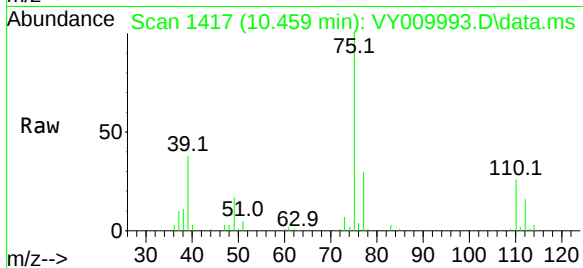




#53
 t-1,3-Dichloropropene
 Concen: 20.175 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY009993.D
 Acq: 12 Aug 2022 17:59

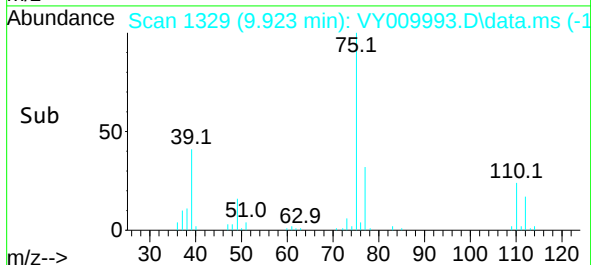
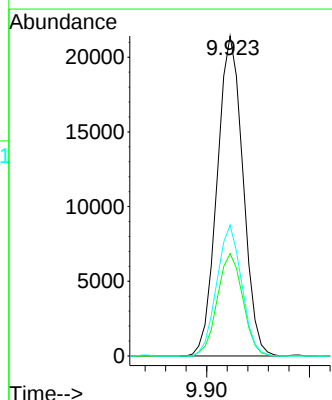
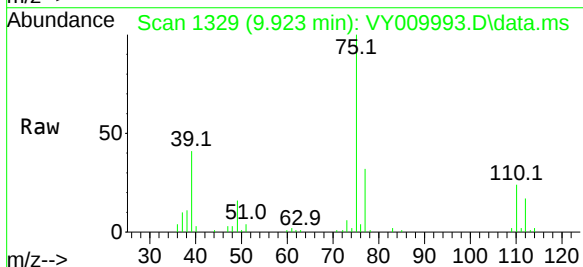
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0812SBSD01

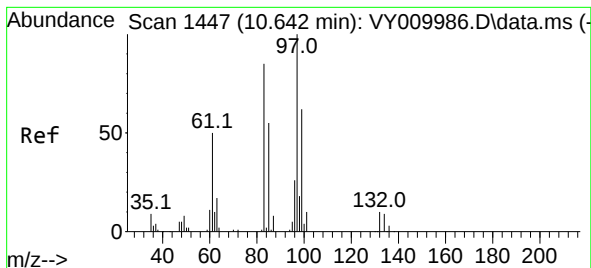
Tgt Ion: 75 Resp: 32259
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.232 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY009993.D
 Acq: 12 Aug 2022 17:59

Tgt Ion: 75 Resp: 37404
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.2 37.8
 39 40.9 35.8 53.8





#55

1,1,2-Trichloroethane

Concen: 20.365 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBS01

Tgt Ion: 97 Resp: 20383

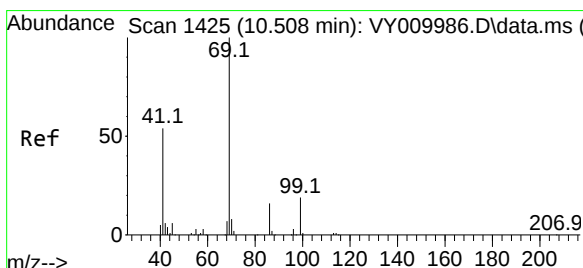
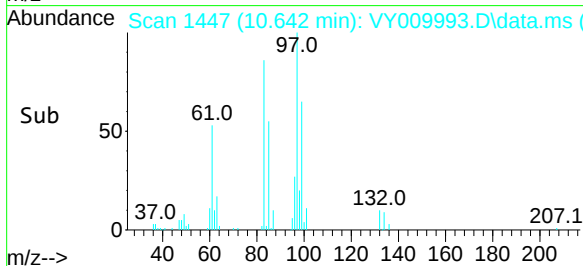
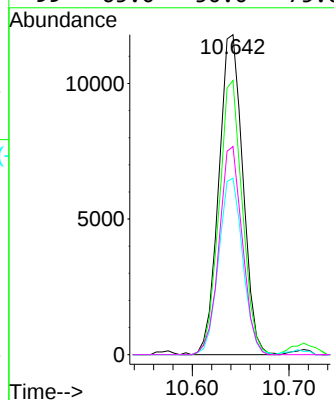
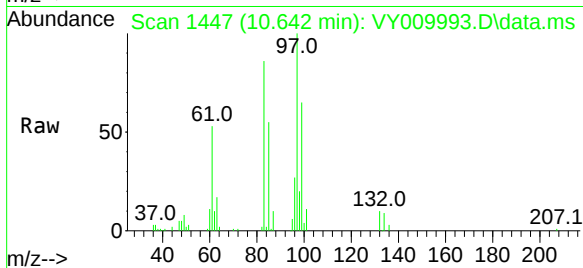
Ion Ratio Lower Upper

97 100

83 85.7 66.9 100.3

85 55.1 44.2 66.4

99 65.0 50.0 75.0



#56

Ethyl methacrylate

Concen: 20.015 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

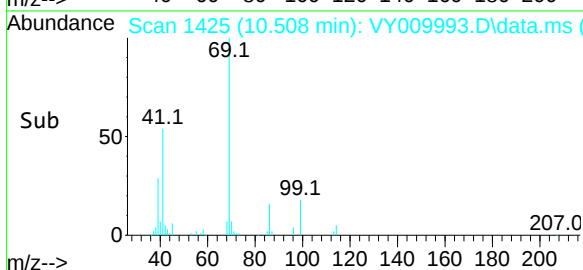
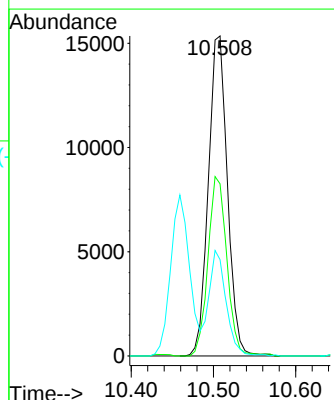
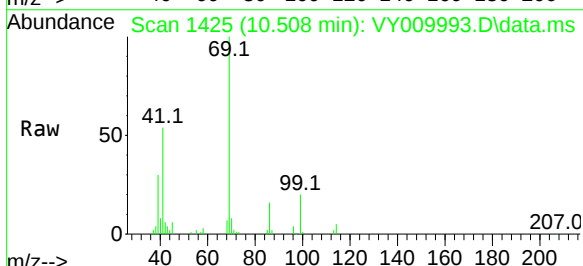
Tgt Ion: 69 Resp: 24768

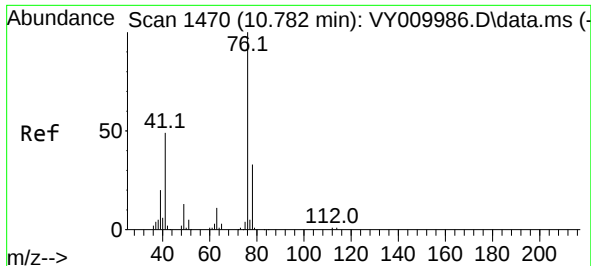
Ion Ratio Lower Upper

69 100

41 55.6 50.4 75.6

39 30.1 27.6 41.4





#57

1,3-Dichloropropane

Concen: 20.114 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

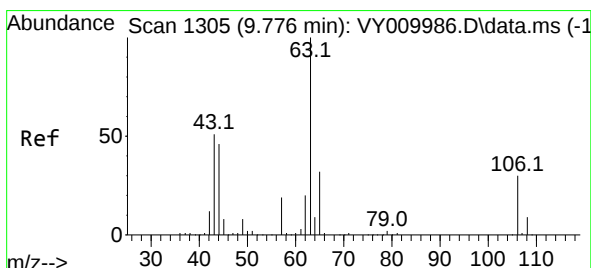
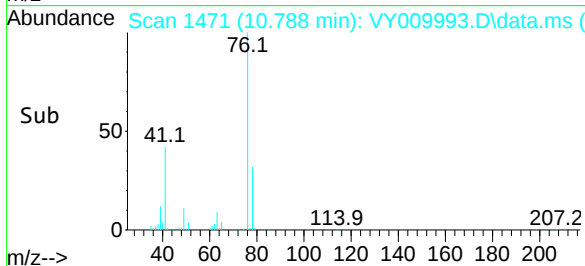
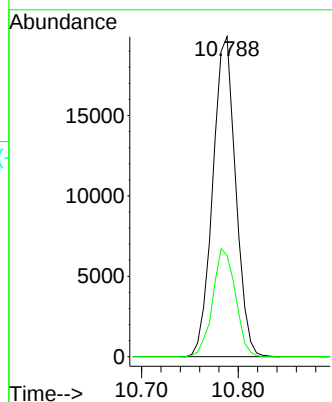
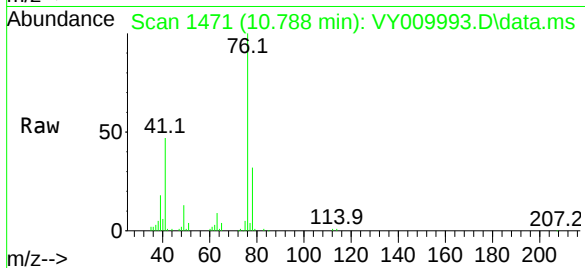
VY0812SBS01

Tgt Ion: 76 Resp: 32655

Ion Ratio Lower Upper

76 100

78 33.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 116.816 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009993.D

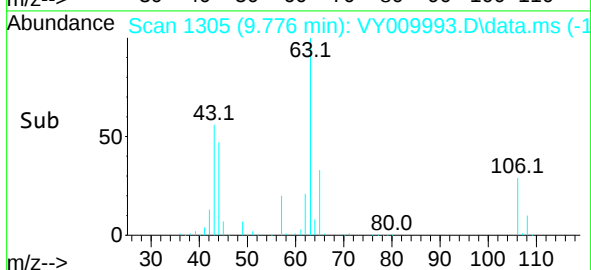
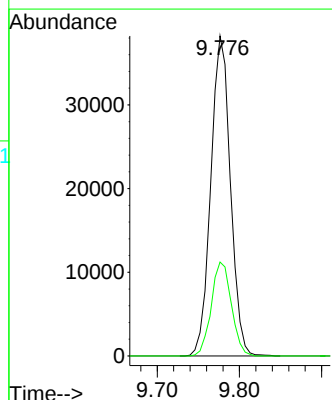
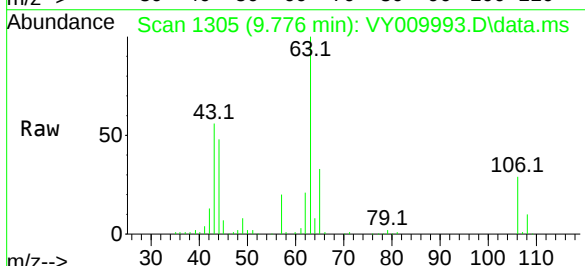
Acq: 12 Aug 2022 17:59

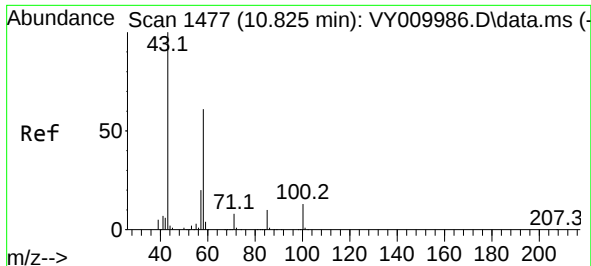
Tgt Ion: 63 Resp: 63274

Ion Ratio Lower Upper

63 100

106 30.1 23.3 34.9

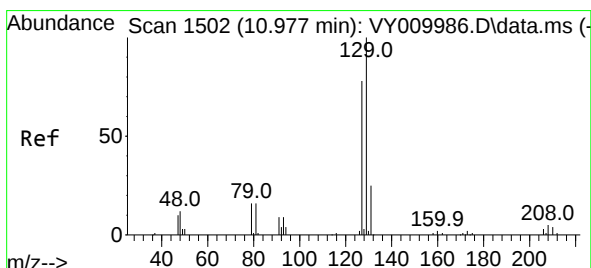
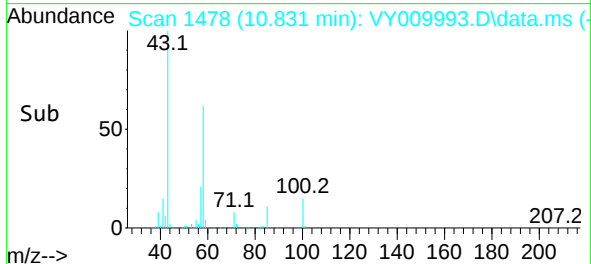
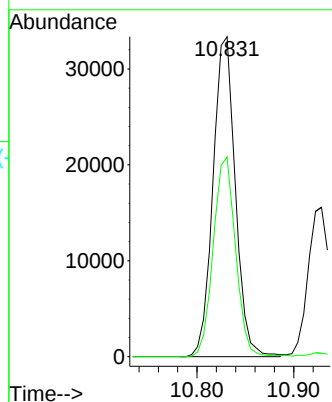
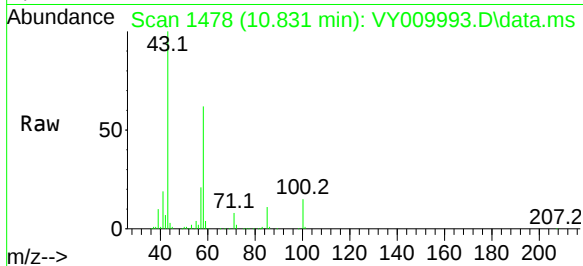




#59
2-Hexanone
Concen: 95.355 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

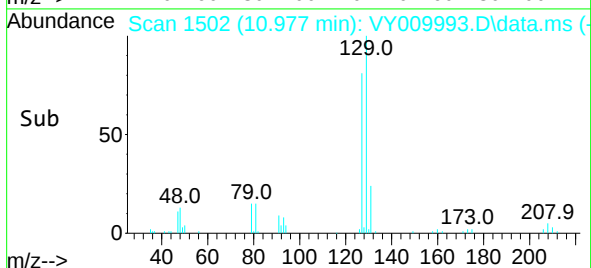
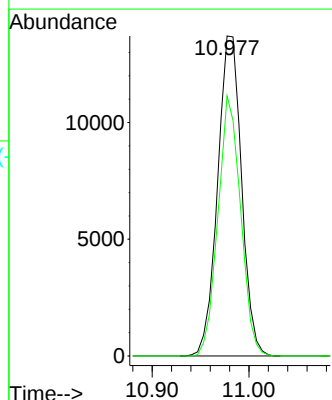
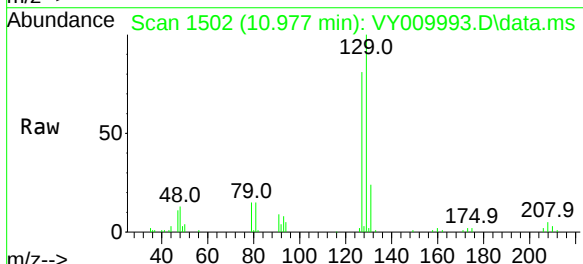
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

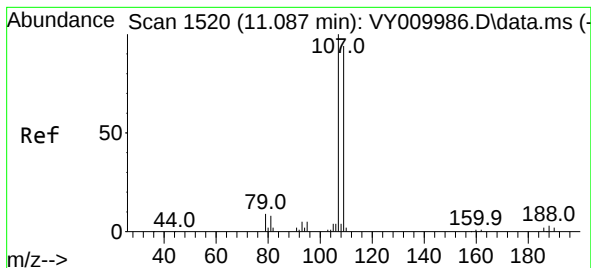
Tgt Ion: 43 Resp: 53500
Ion Ratio Lower Upper
43 100
58 62.3 27.6 82.8



#60
Dibromochloromethane
Concen: 20.622 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion:129 Resp: 23572
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.4





#61

1,2-Dibromoethane

Concen: 19.890 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

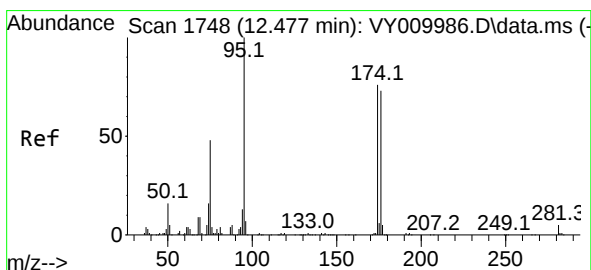
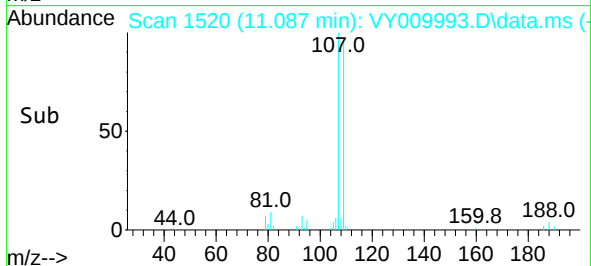
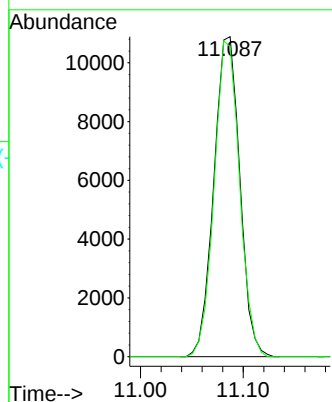
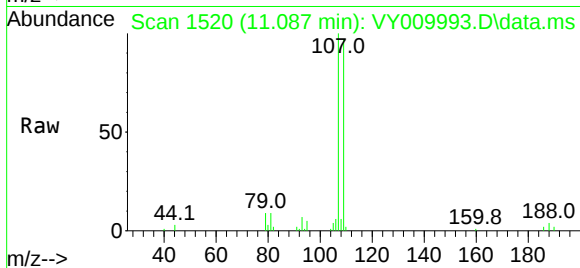
VY0812SBSD01

Tgt Ion:107 Resp: 19067

Ion Ratio Lower Upper

107 100

109 96.5 73.9 110.9



#62

4-Bromofluorobenzene

Concen: 51.553 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

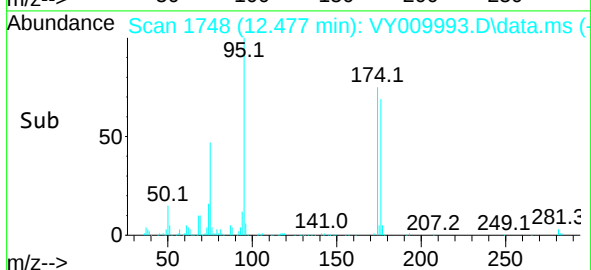
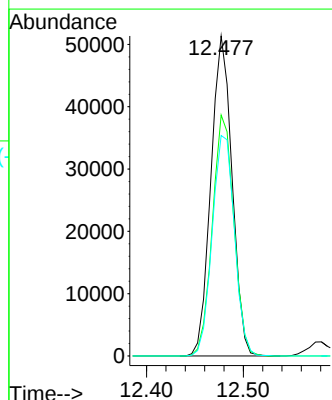
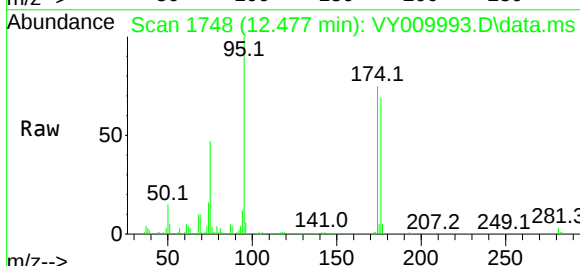
Tgt Ion: 95 Resp: 77804

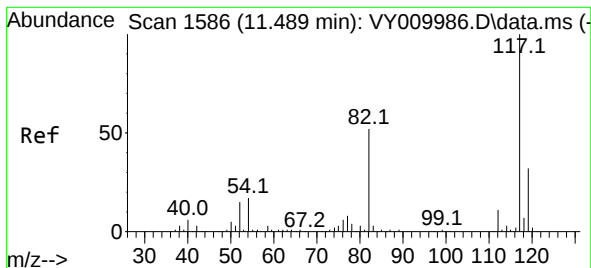
Ion Ratio Lower Upper

95 100

174 76.3 0.0 173.8

176 72.4 0.0 167.0

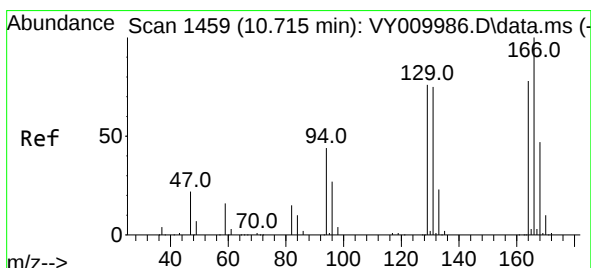
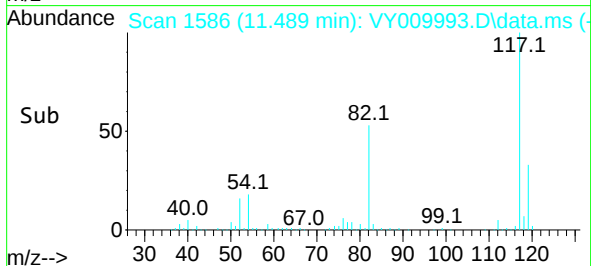
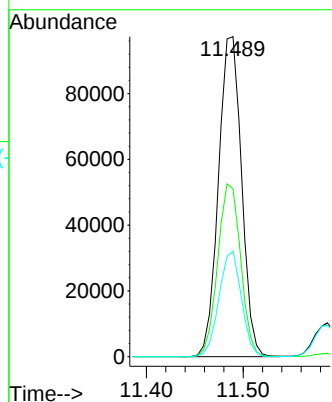
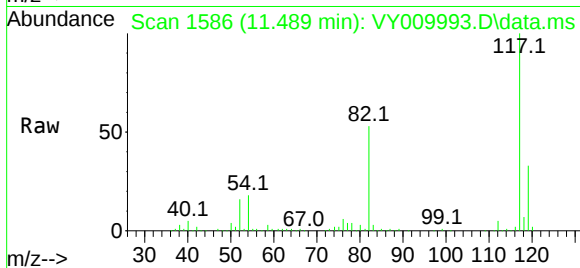




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

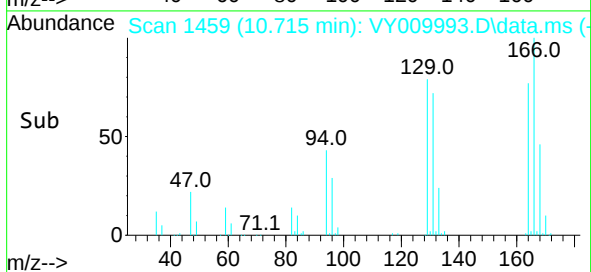
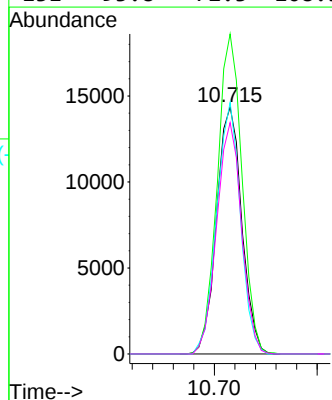
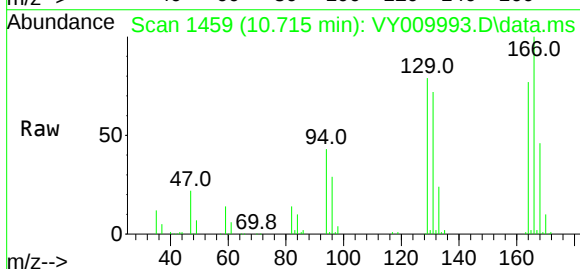
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBSD01

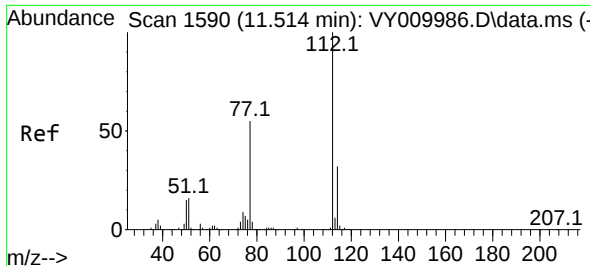
Tgt Ion:117 Resp: 161302
Ion Ratio Lower Upper
117 100
82 52.5 41.8 62.6
119 33.0 25.6 38.4



#64
Tetrachloroethene
Concen: 20.705 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion:164 Resp: 24399
Ion Ratio Lower Upper
164 100
166 129.7 104.9 157.3
129 101.9 76.5 114.7
131 93.8 72.3 108.5

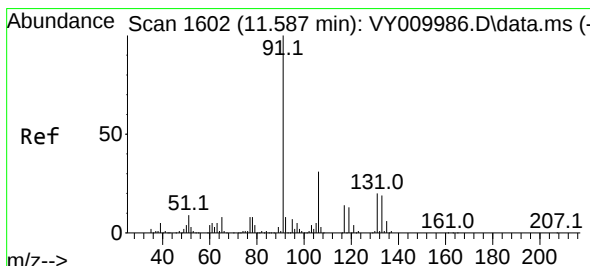
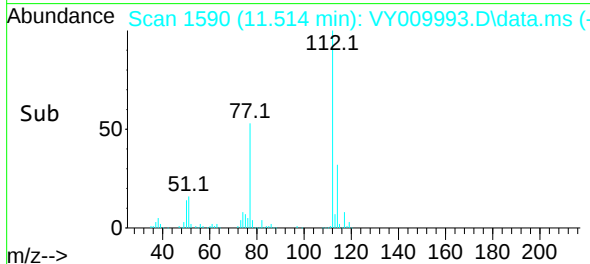
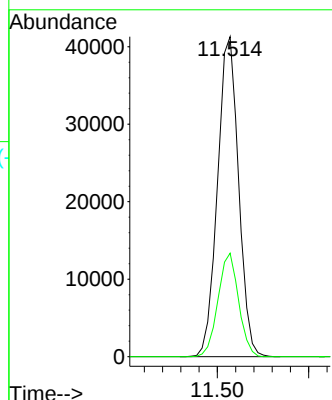
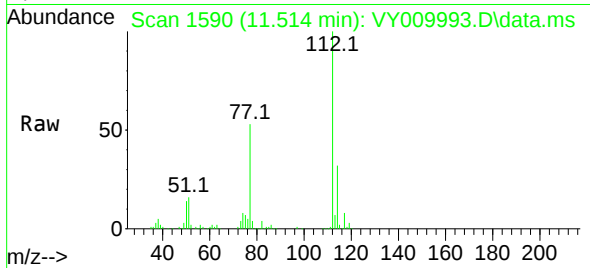




#65
Chlorobenzene
Concen: 20.179 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

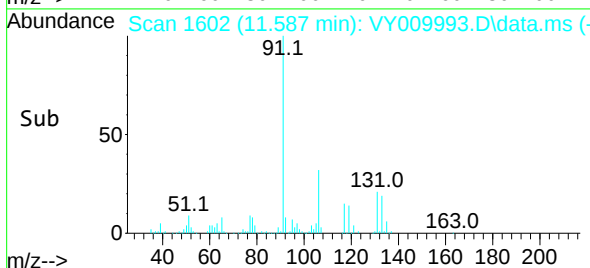
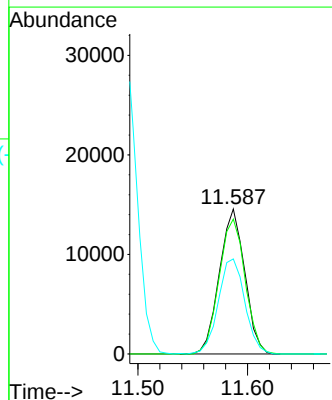
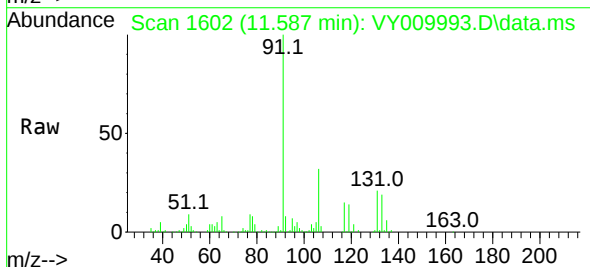
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBSD01

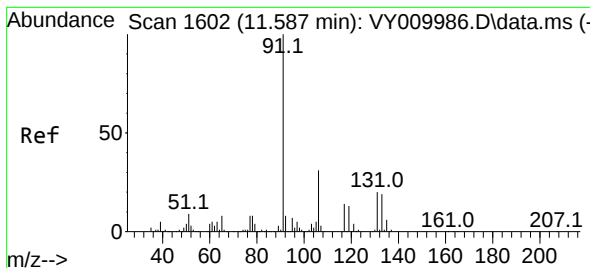
Tgt Ion:112 Resp: 66069
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.031 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion:131 Resp: 23363
Ion Ratio Lower Upper
131 100
133 96.2 47.3 142.0
119 68.8 32.1 96.3





#67

Ethyl Benzene

Concen: 19.999 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

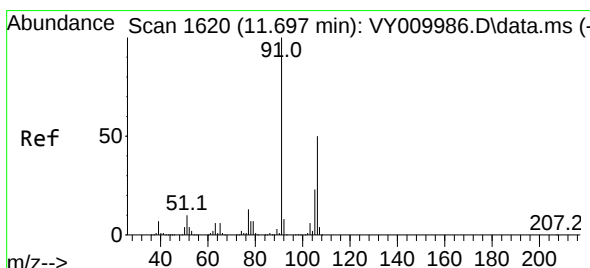
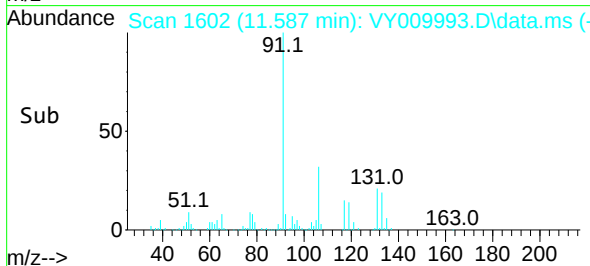
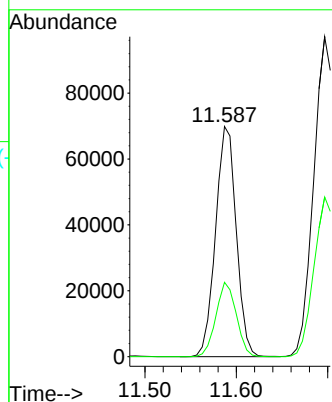
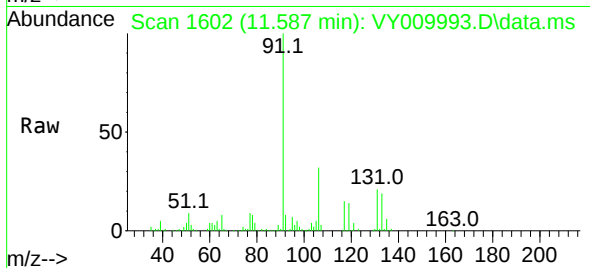
VY0812SBSD01

Tgt Ion: 91 Resp: 110096

Ion Ratio Lower Upper

91 100

106 32.3 26.2 39.4



#68

m/p-Xylenes

Concen: 41.024 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY009993.D

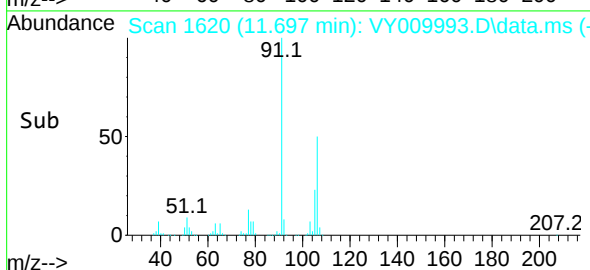
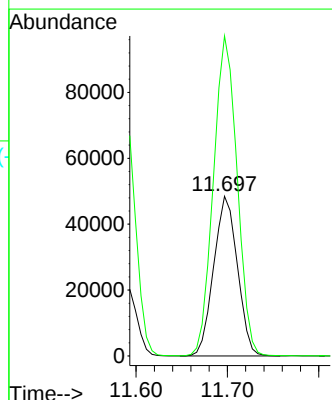
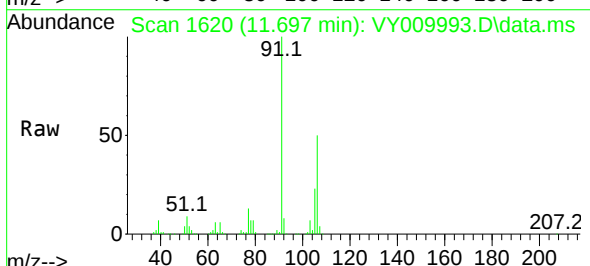
Acq: 12 Aug 2022 17:59

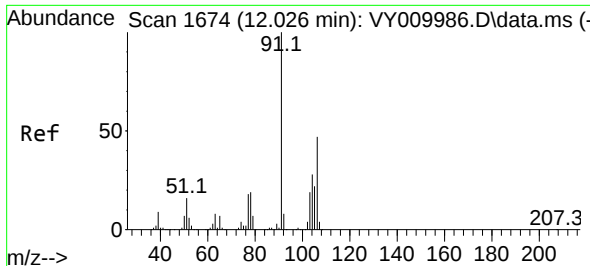
Tgt Ion:106 Resp: 87418

Ion Ratio Lower Upper

106 100

91 199.9 156.2 234.2

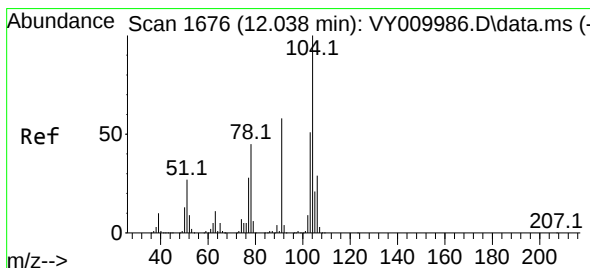
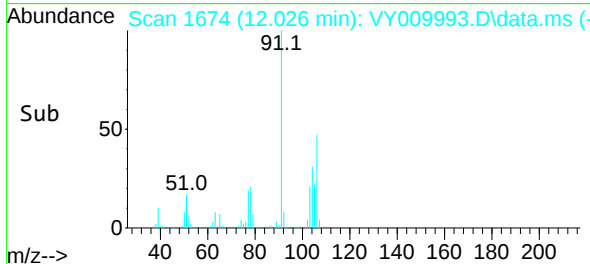
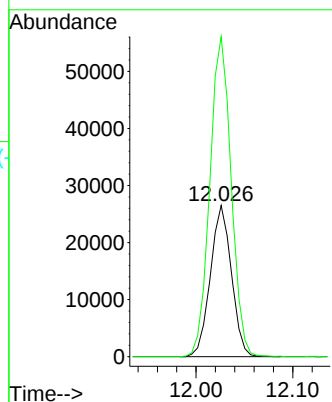
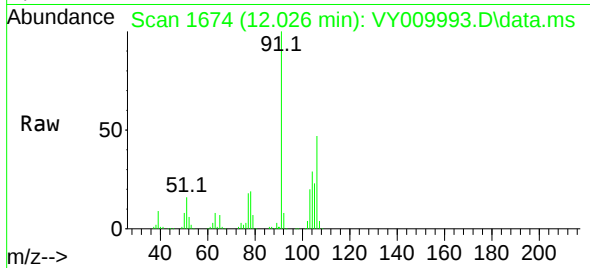




#69
o-Xylene
Concen: 19.808 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

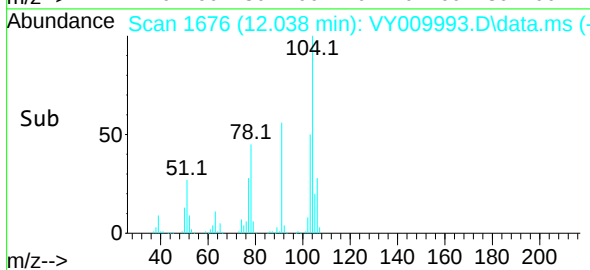
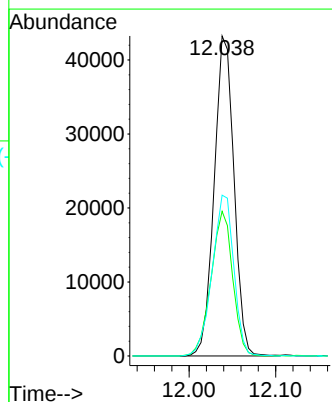
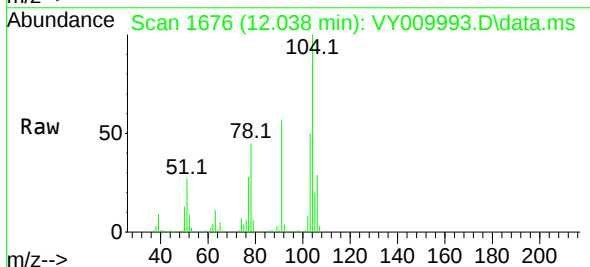
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBSD01

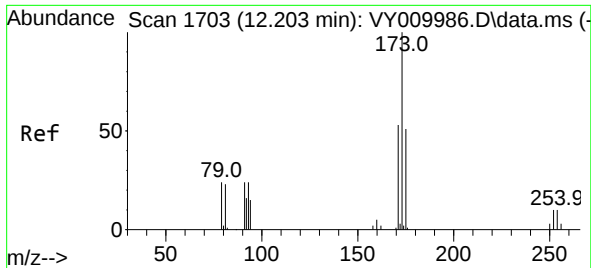
Tgt Ion:106 Resp: 40029
Ion Ratio Lower Upper
106 100
91 215.0 103.2 309.4



#70
Styrene
Concen: 19.989 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion:104 Resp: 68812
Ion Ratio Lower Upper
104 100
78 49.2 38.6 57.8
103 54.9 43.3 64.9

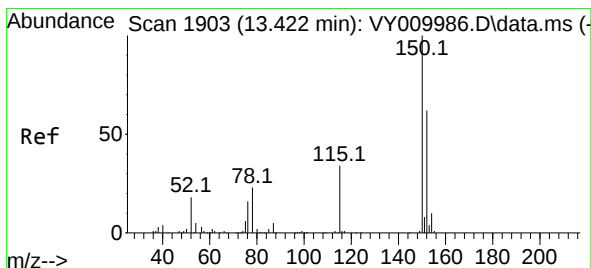
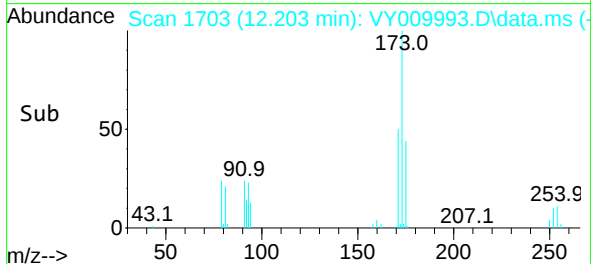
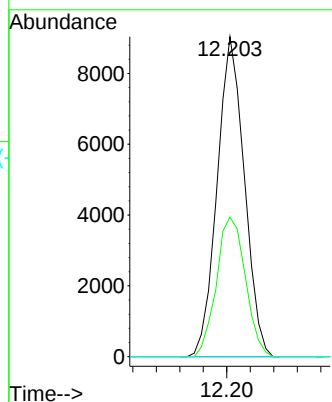
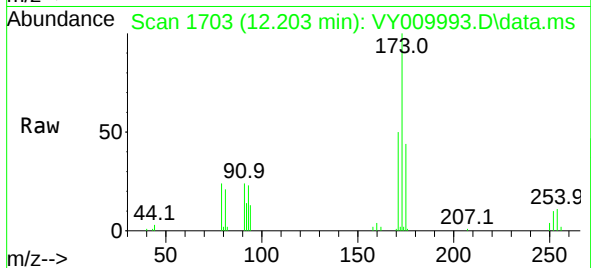




#71
Bromoform
Concen: 19.693 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

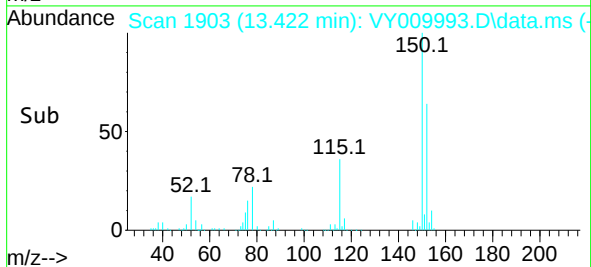
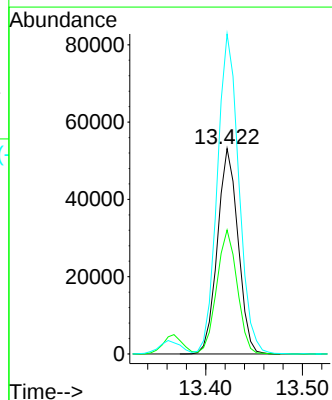
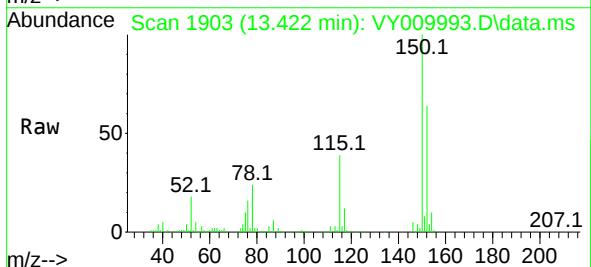
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBSD01

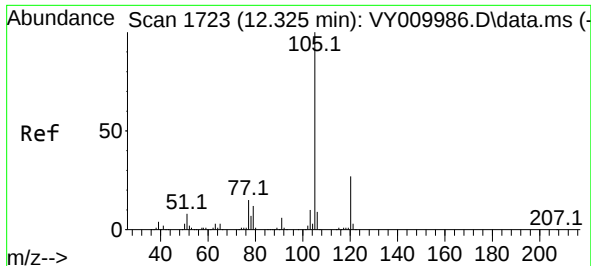
Tgt Ion:173 Resp: 14510
Ion Ratio Lower Upper
173 100
175 46.4 24.4 73.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion:152 Resp: 78427
Ion Ratio Lower Upper
152 100
115 60.0 28.6 85.9
150 163.6 0.0 349.8

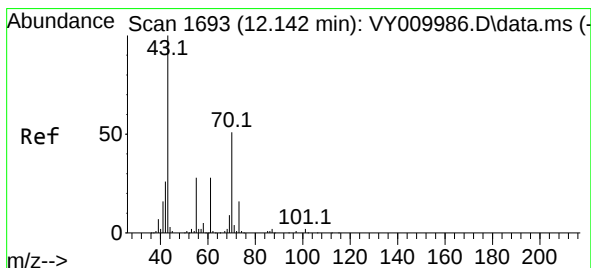
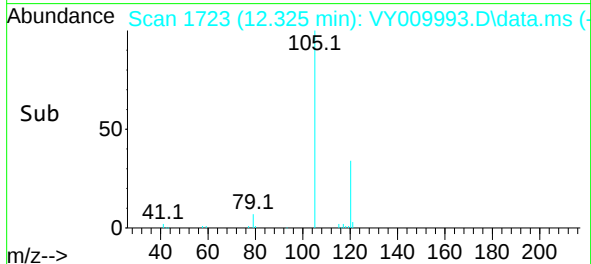
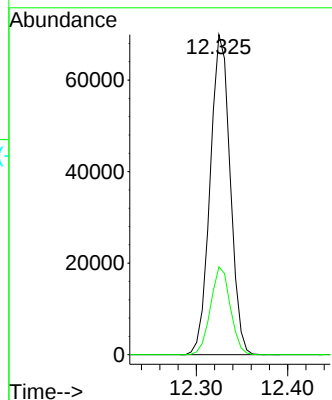
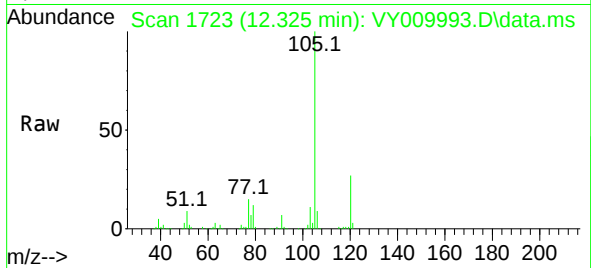




#73
Isopropylbenzene
Concen: 20.203 ug/l
RT: 12.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

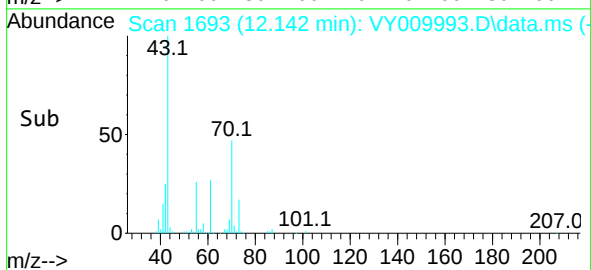
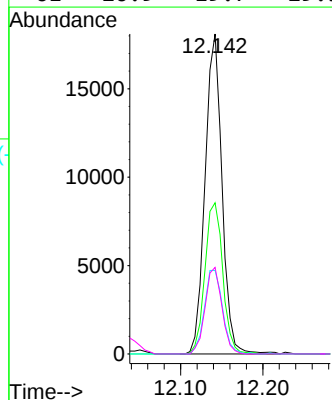
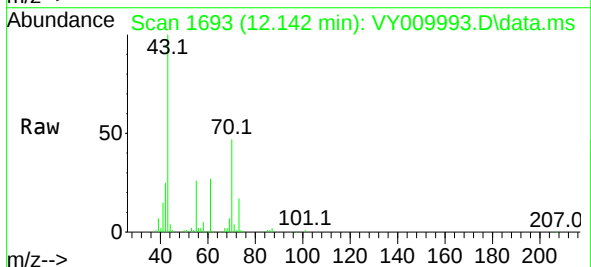
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBSD01

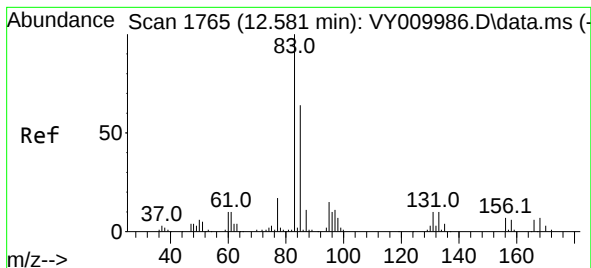
Tgt Ion:105 Resp: 106343
Ion Ratio Lower Upper
105 100
120 27.1 13.7 41.1



#74
N-ethyl acetate
Concen: 19.238 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion: 43 Resp: 25904
Ion Ratio Lower Upper
43 100
70 49.9 35.6 53.4
55 28.1 19.5 29.3
61 26.9 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.212 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBS01

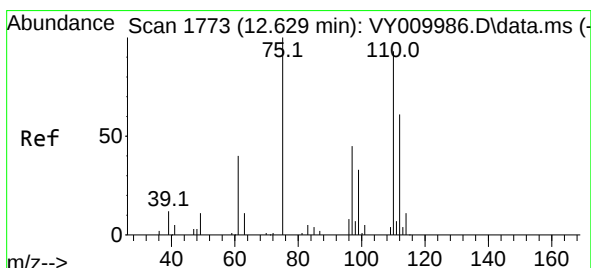
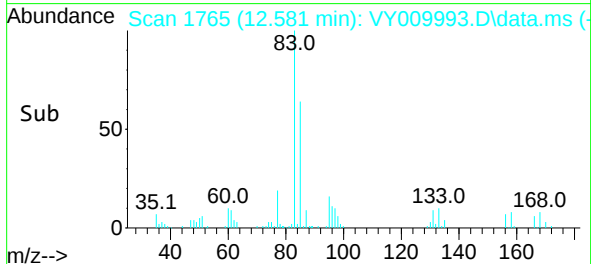
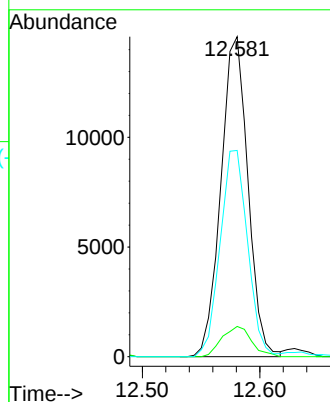
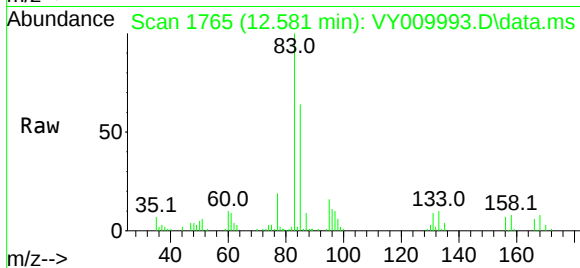
Tgt Ion: 83 Resp: 23341

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 65.6 32.8 98.4



#76

1,2,3-Trichloropropane

Concen: 33.005 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY009993.D

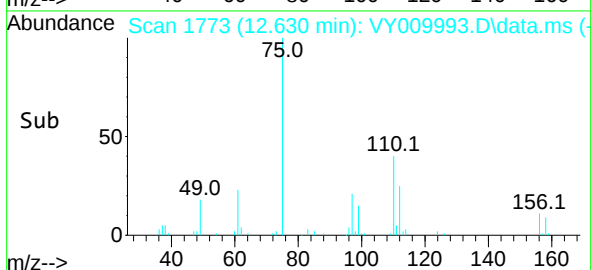
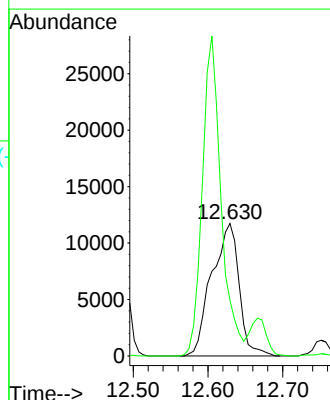
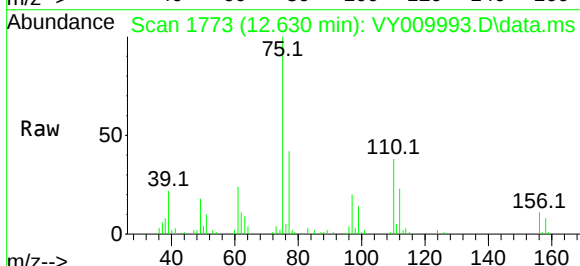
Acq: 12 Aug 2022 17:59

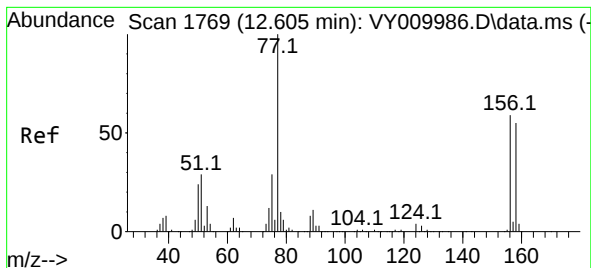
Tgt Ion: 75 Resp: 29912

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.786 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBS01

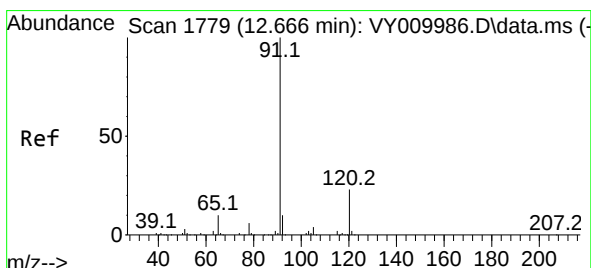
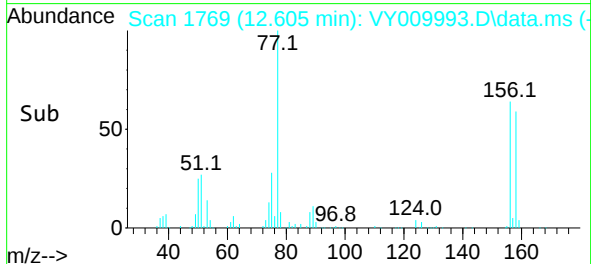
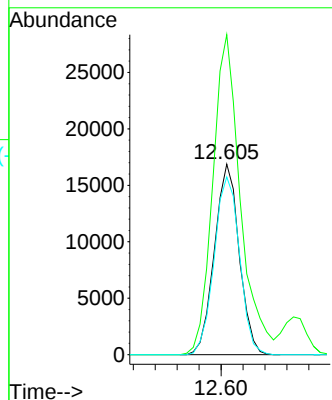
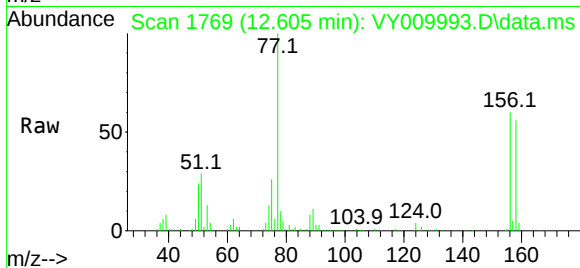
Tgt Ion:156 Resp: 26469

Ion Ratio Lower Upper

156 100

77 187.1 88.1 264.3

158 95.7 48.6 145.8



#78

n-propylbenzene

Concen: 20.367 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009993.D

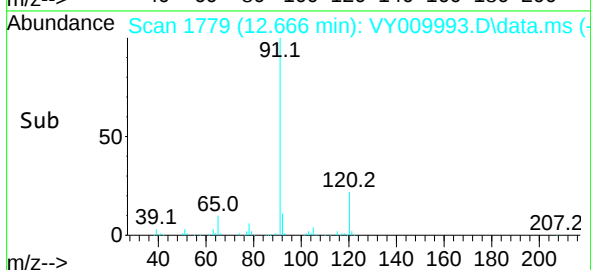
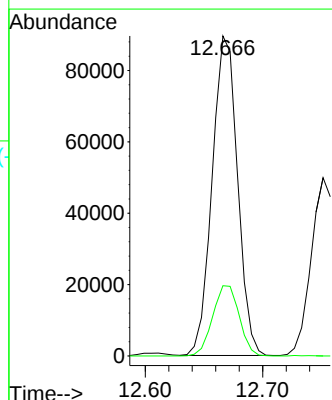
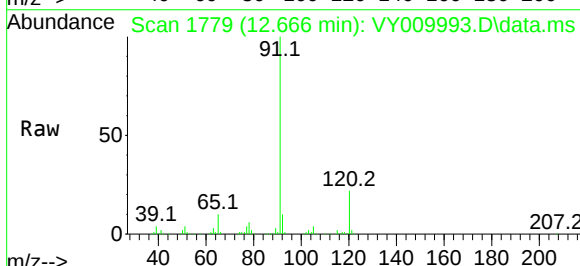
Acq: 12 Aug 2022 17:59

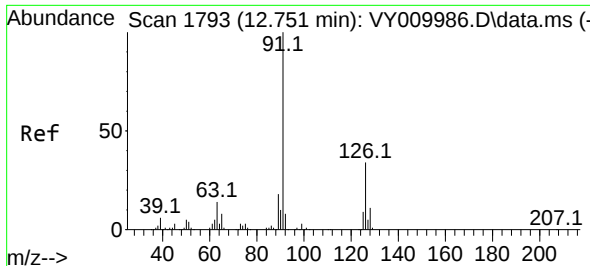
Tgt Ion: 91 Resp: 134549

Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.5

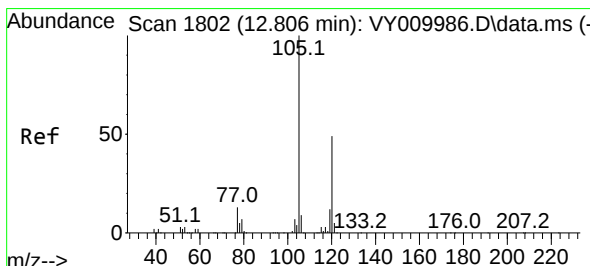
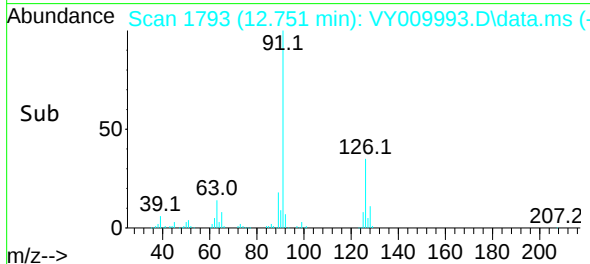
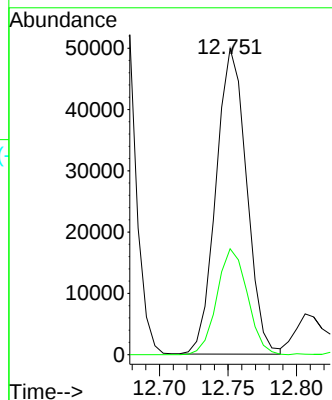
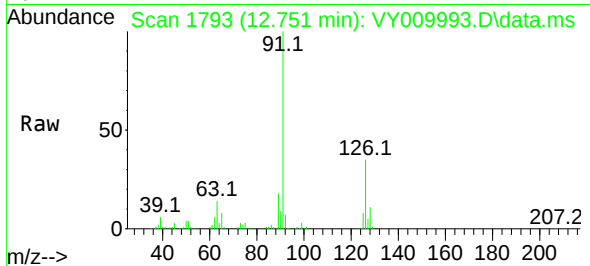




#79
2-Chlorotoluene
Concen: 20.682 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

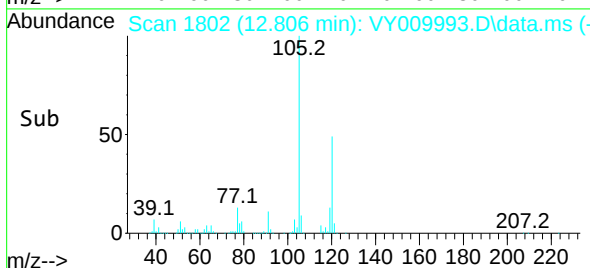
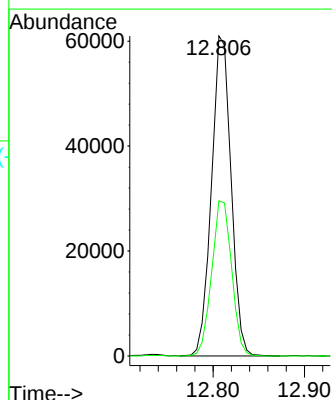
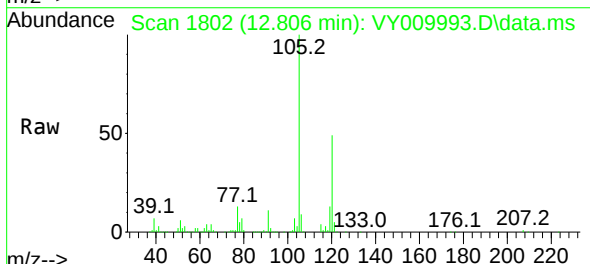
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBSD01

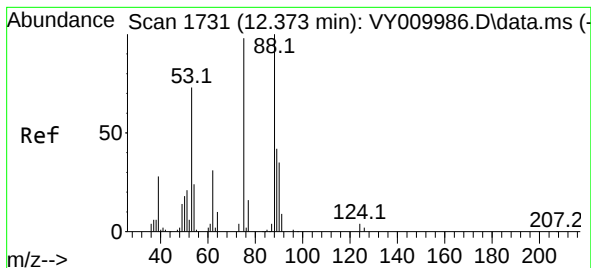
Tgt Ion: 91 Resp: 77609
Ion Ratio Lower Upper
91 100
126 34.4 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 21.083 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion: 105 Resp: 90672
Ion Ratio Lower Upper
105 100
120 49.3 25.3 75.8

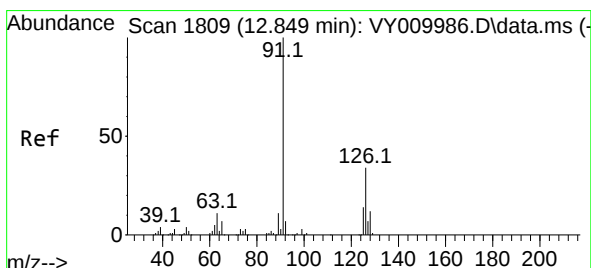
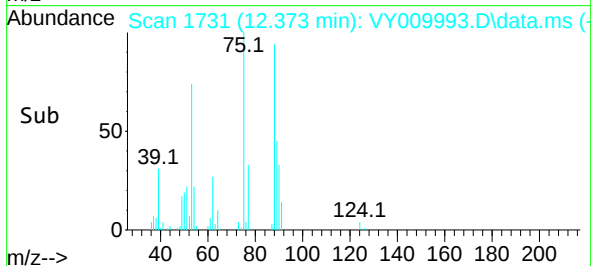
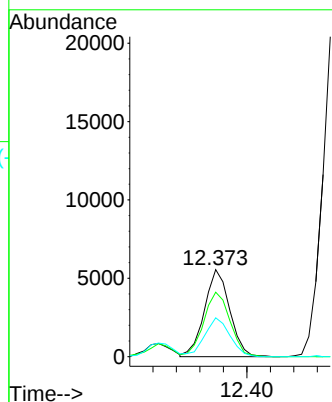
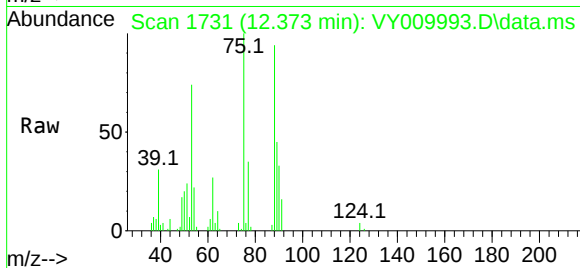




#81
trans-1,4-Dichloro-2-butene
Concen: 19.887 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

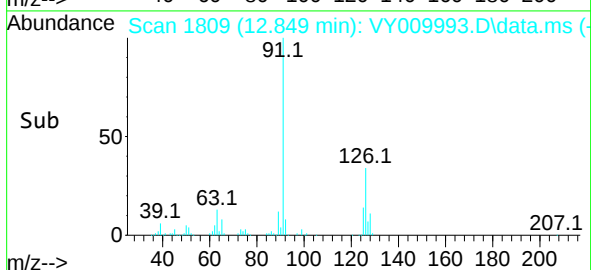
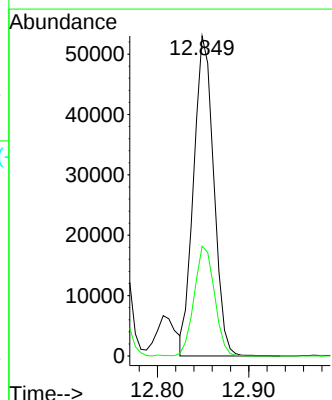
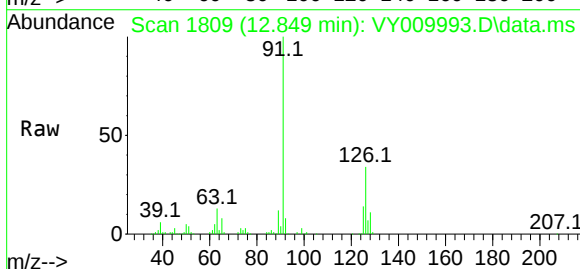
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBSD01

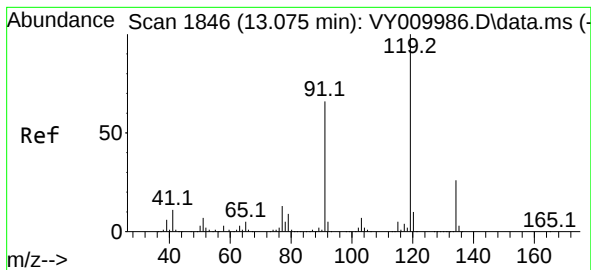
Tgt Ion: 75 Resp: 8291
Ion Ratio Lower Upper
75 100
53 77.1 71.4 107.2
89 44.7 38.1 57.1



#82
4-Chlorotoluene
Concen: 20.712 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion: 91 Resp: 80963
Ion Ratio Lower Upper
91 100
126 34.7 18.0 54.0





#83

tert-Butylbenzene

Concen: 20.753 ug/l

RT: 13.068 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBS01

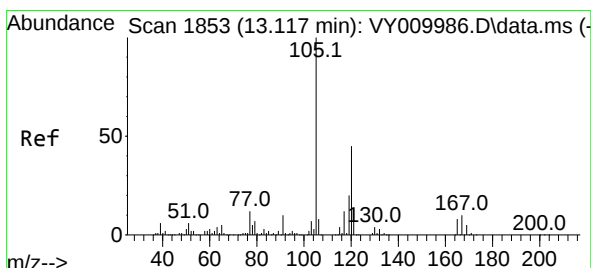
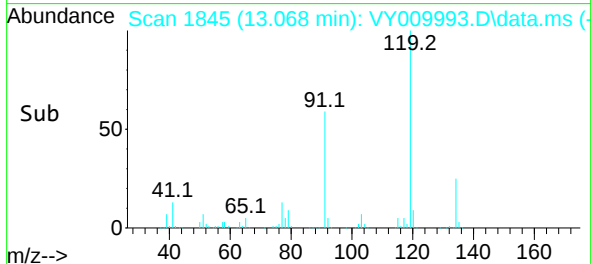
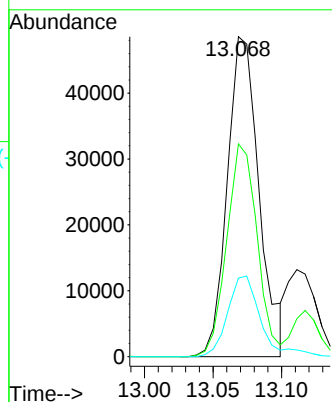
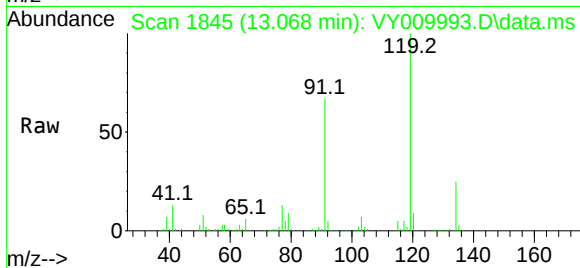
Tgt Ion:119 Resp: 78452

Ion Ratio Lower Upper

119 100

91 63.7 32.0 96.0

134 26.2 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 20.850 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009993.D

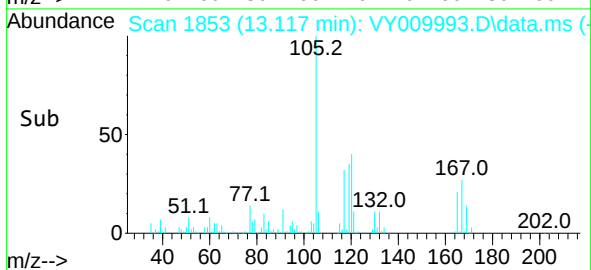
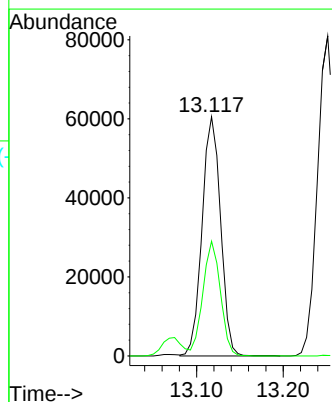
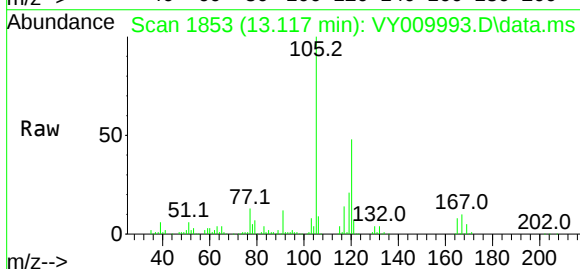
Acq: 12 Aug 2022 17:59

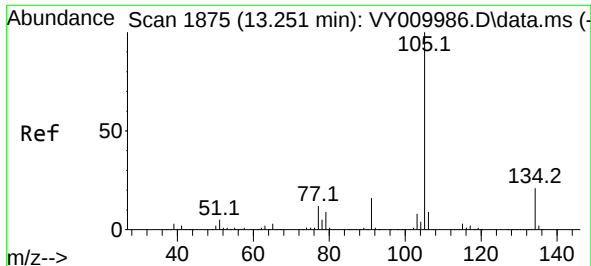
Tgt Ion:105 Resp: 90043

Ion Ratio Lower Upper

105 100

120 45.3 23.4 70.3

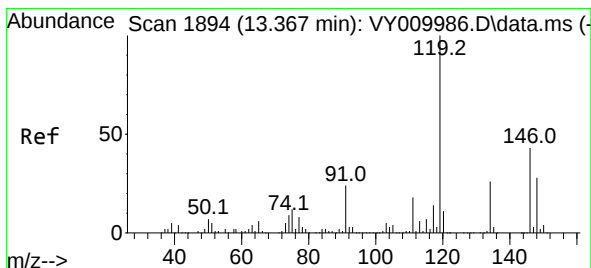
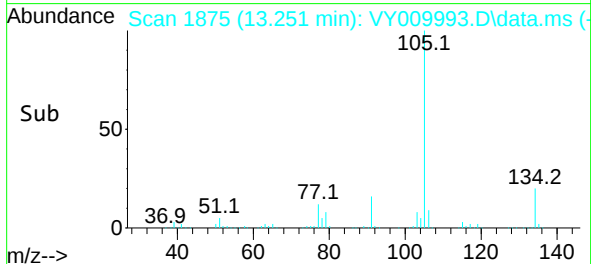
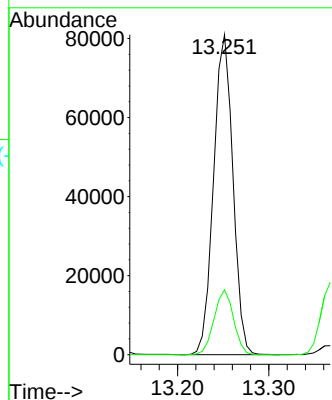
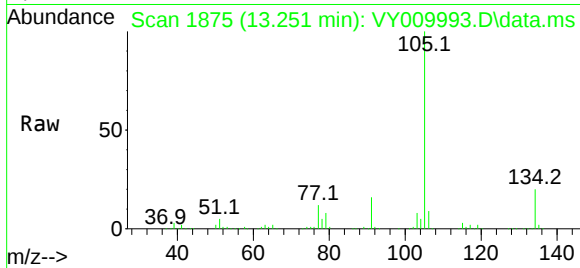




#85
 sec-Butylbenzene
 Concen: 20.530 ug/l
 RT: 13.251 min Scan# 118903
 Delta R.T. 0.000 min
 Lab File: VY009993.D
 Acq: 12 Aug 2022 17:59

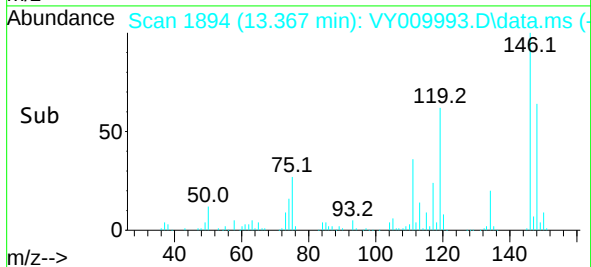
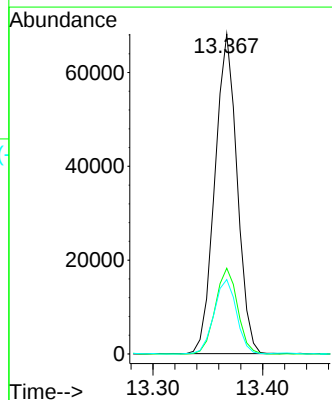
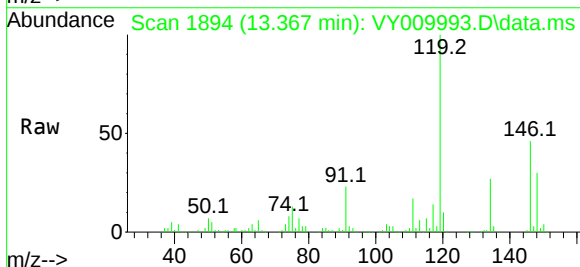
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0812SBSD01

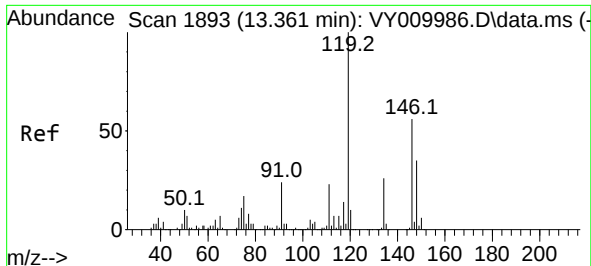
Tgt Ion:105 Resp: 118903
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 20.983 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009993.D
 Acq: 12 Aug 2022 17:59

Tgt Ion:119 Resp: 95925
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 23.6 11.6 34.8

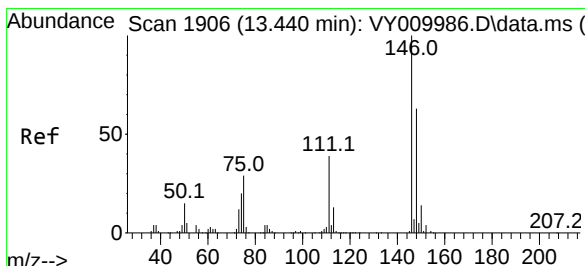
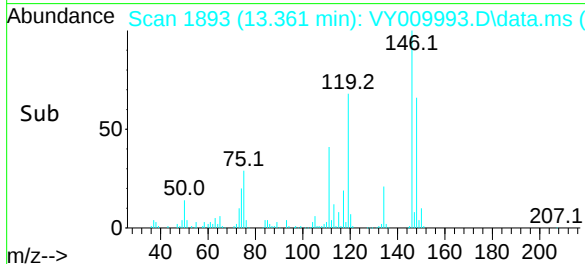
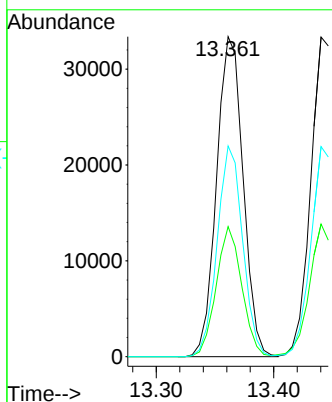
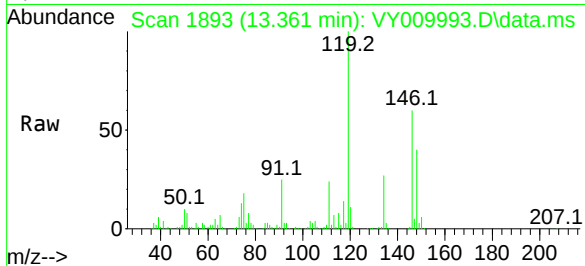




#87
1,3-Dichlorobenzene
Concen: 20.898 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

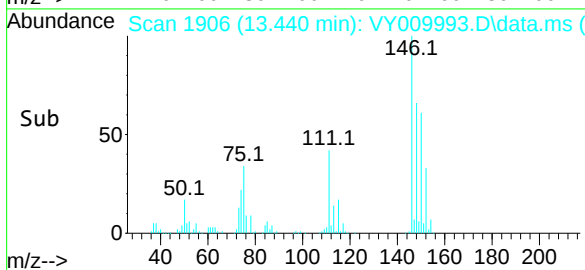
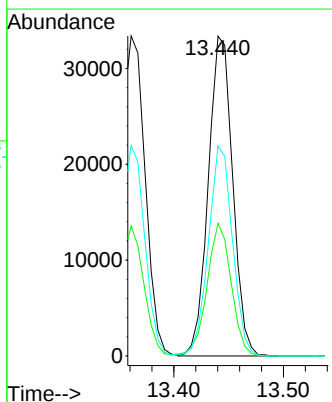
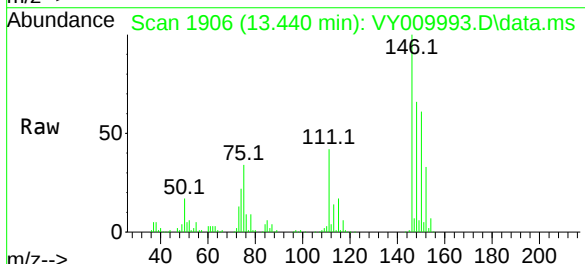
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBS01

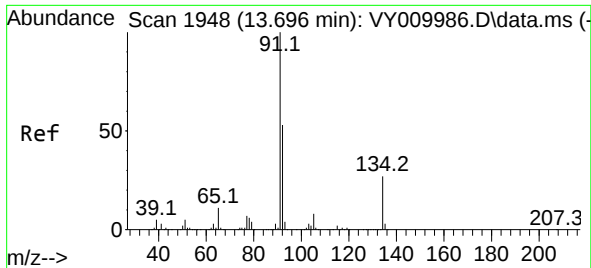
Tgt Ion:146 Resp: 52453
Ion Ratio Lower Upper
146 100
111 39.1 19.1 57.3
148 63.2 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 19.770 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion:146 Resp: 51586
Ion Ratio Lower Upper
146 100
111 41.2 18.9 56.9
148 65.0 31.6 95.0

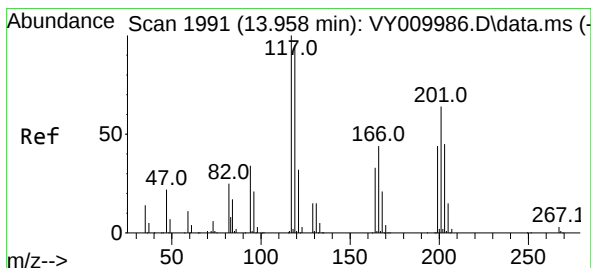
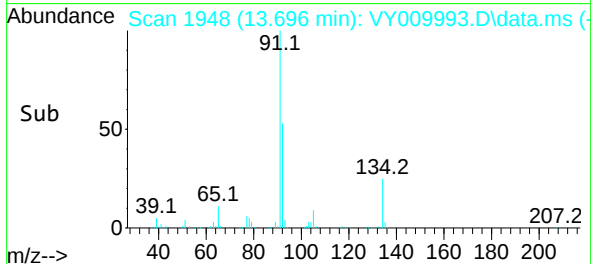
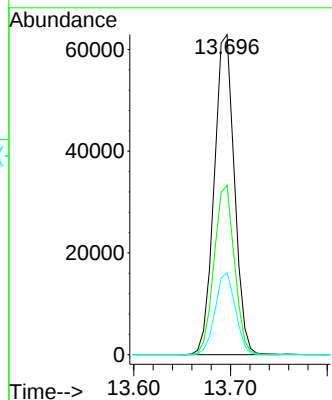
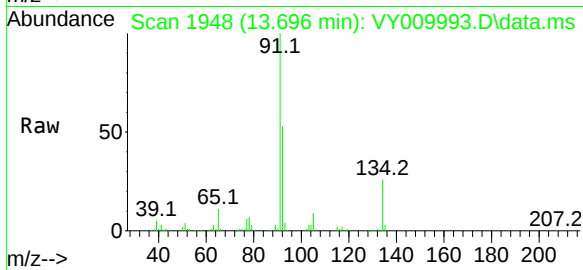




#89
n-Butylbenzene
Concen: 20.725 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

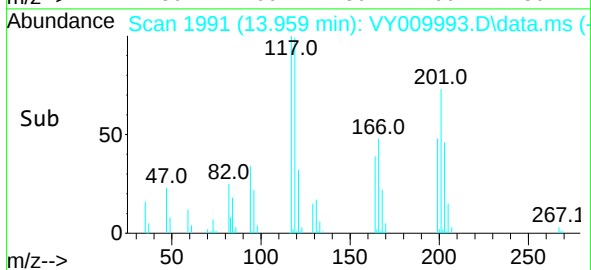
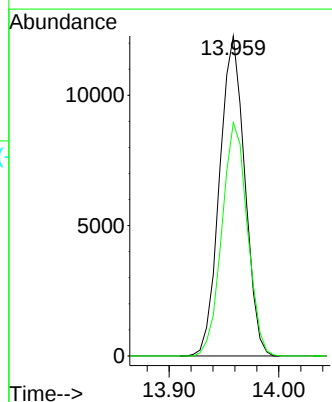
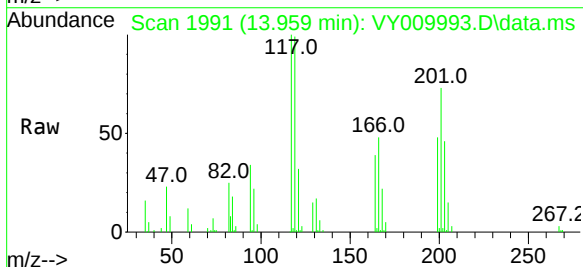
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBSD01

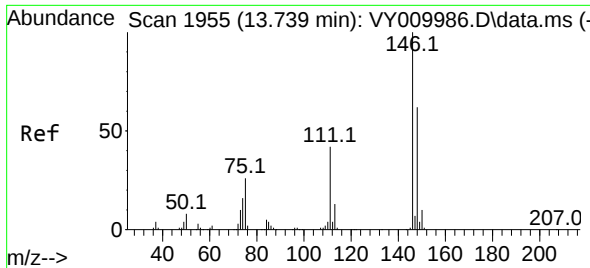
Tgt Ion:	91	Resp:	91479
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.9	80.7
134	25.6	14.0	41.9



#90
Hexachloroethane
Concen: 19.965 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion:	117	Resp:	19573
Ion	Ratio	Lower	Upper
117	100		
201	73.7	38.8	116.3

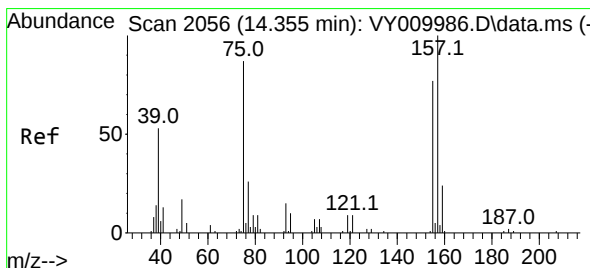
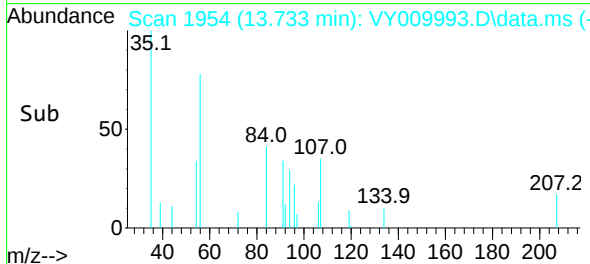
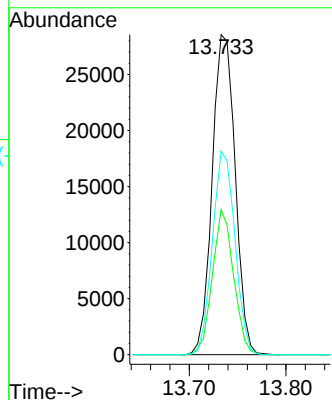
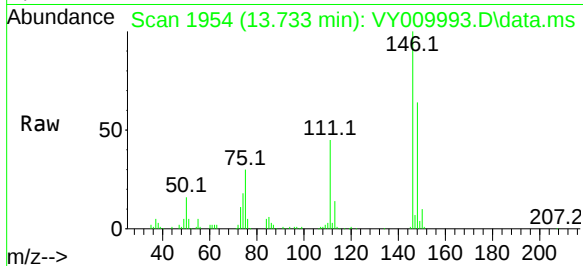




#91
1,2-Dichlorobenzene
Concen: 20.908 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

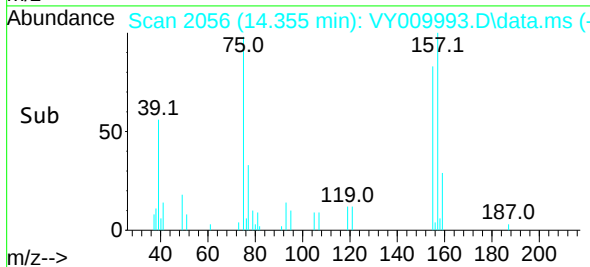
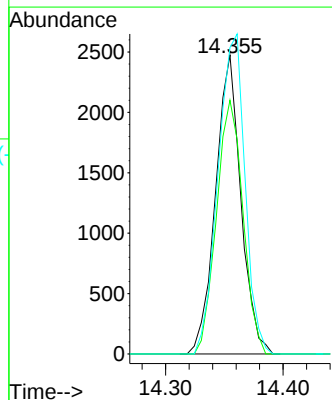
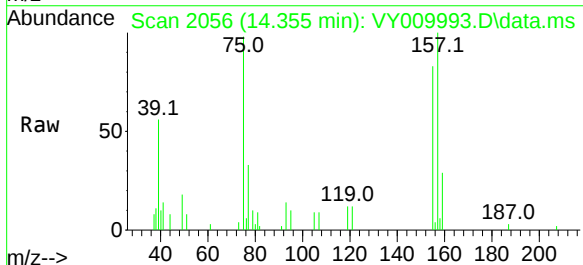
Instrument :
MSVOA_Y
ClientSampleId :
VY0812SBSD01

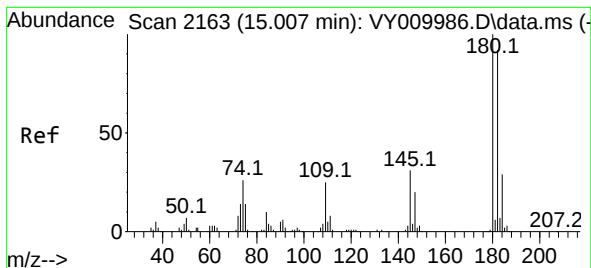
Tgt Ion:	146	Resp:	47204
Ion Ratio	Lower	Upper	
146	100		
111	41.7	19.7	59.1
148	62.4	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.024 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY009993.D
Acq: 12 Aug 2022 17:59

Tgt Ion:	75	Resp:	3712
Ion Ratio	Lower	Upper	
75	100		
155	88.2	46.4	139.1
157	113.5	57.6	172.7





#93

1,2,4-Trichlorobenzene

Concen: 20.581 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBSD01

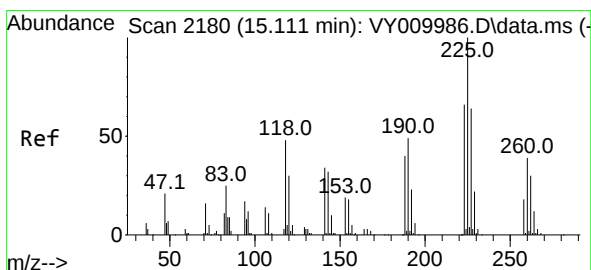
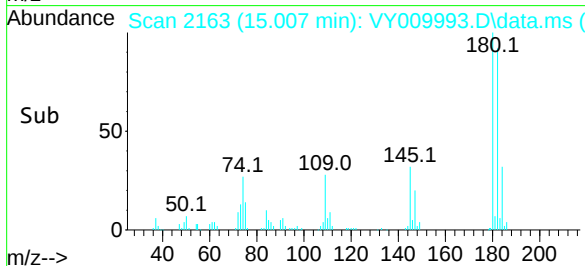
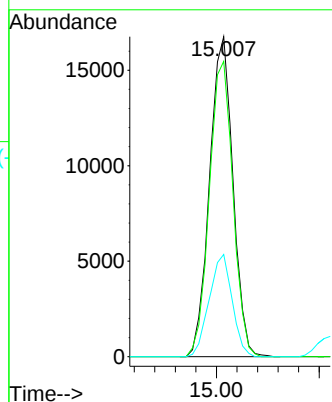
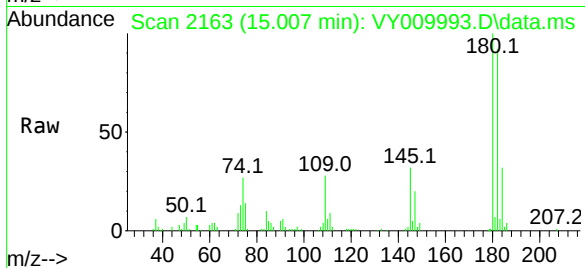
Tgt Ion:180 Resp: 26438

Ion Ratio Lower Upper

180 100

182 93.2 47.3 141.9

145 31.4 15.1 45.3



#94

Hexachlorobutadiene

Concen: 20.826 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

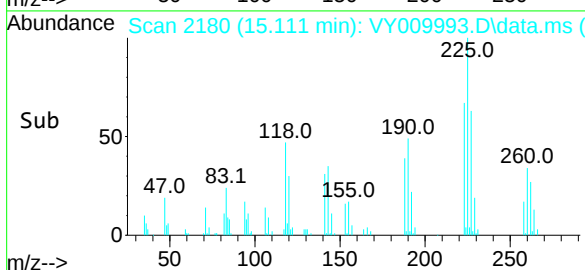
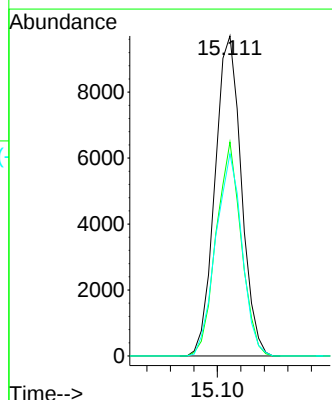
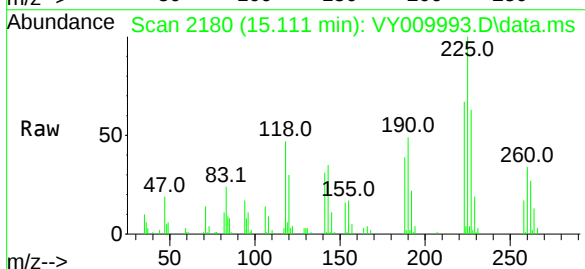
Tgt Ion:225 Resp: 15108

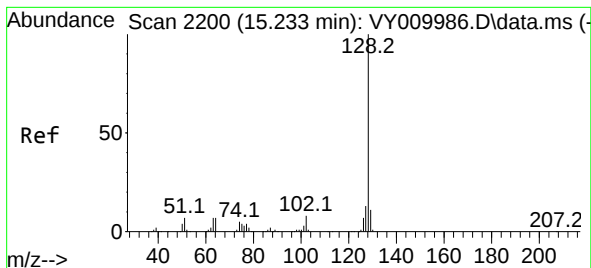
Ion Ratio Lower Upper

225 100

223 63.7 30.8 92.3

227 62.8 31.9 95.5





#95

Naphthalene

Concen: 19.459 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0812SBSD01

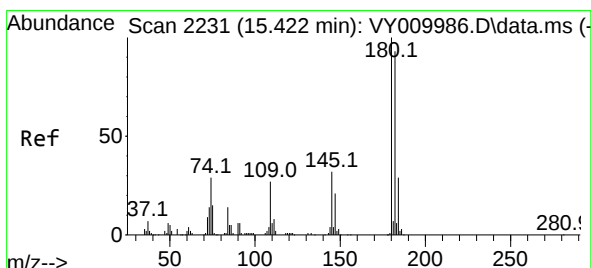
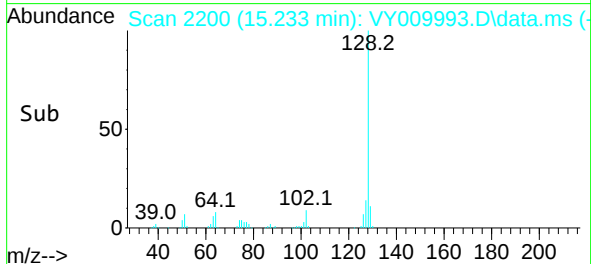
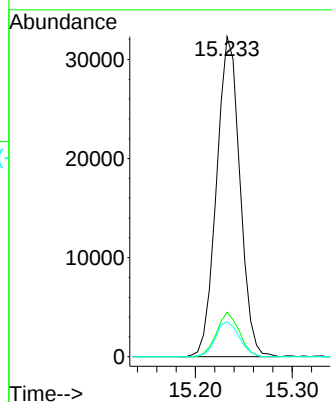
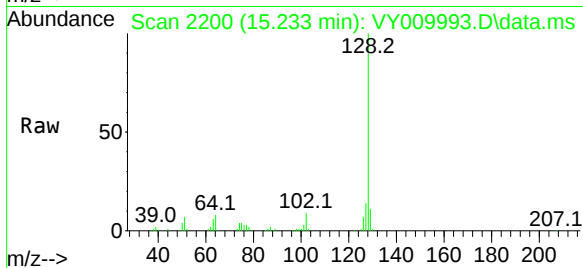
Tgt Ion:128 Resp: 54091

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.709 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009993.D

Acq: 12 Aug 2022 17:59

Tgt Ion:180 Resp: 22643

Ion Ratio Lower Upper

180 100

182 97.8 47.0 141.0

145 34.5 15.6 46.7

