

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008833.D
 Acq On : 18 May 2022 23:27
 Operator : KP/MD
 Sample : VY0518SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS02

Quant Time: May 19 03:15:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	123065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	215045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	210950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	74543	65.292	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.580%	
35) Dibromofluoromethane	7.716	113	69755	55.517	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.040%	
50) Toluene-d8	10.179	98	285031	50.970	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.940%	
62) 4-Bromofluorobenzene	12.483	95	94516	47.602	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	21436	24.902	ug/l	96
3) Chloromethane	2.113	50	29797	20.935	ug/l	97
4) Vinyl Chloride	2.247	62	45595	23.037	ug/l	99
5) Bromomethane	2.643	94	47997	32.434	ug/l	99
6) Chloroethane	2.790	64	34305	23.429	ug/l	97
7) Trichlorofluoromethane	3.119	101	40728	21.564	ug/l	95
8) Diethyl Ether	3.527	74	12807	23.487	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	25060	22.184	ug/l	94
10) Methyl Iodide	4.088	142	24510	19.224	ug/l	95
11) Tert butyl alcohol	4.960	59	11457	90.799	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	22449	21.498	ug/l	85
13) Acrolein	3.728	56	6638	106.343	ug/l	99
14) Allyl chloride	4.472	41	33331	21.700	ug/l #	88
15) Acrylonitrile	5.161	53	33284	90.016	ug/l	99
16) Acetone	3.942	43	24709	78.623	ug/l	91
17) Carbon Disulfide	4.192	76	65992	22.258	ug/l	98
18) Methyl Acetate	4.478	43	18542	20.066	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	66038	23.481	ug/l	95
20) Methylene Chloride	4.710	84	35711	27.392	ug/l	84
21) trans-1,2-Dichloroethene	5.216	96	27417	21.413	ug/l	83
22) Diisopropyl ether	6.124	45	81283	24.988	ug/l	92
23) Vinyl Acetate	6.057	43	247872	108.073	ug/l #	91
24) 1,1-Dichloroethane	6.015	63	49955	23.144	ug/l	97
25) 2-Butanone	6.984	43	43025	89.800	ug/l #	90
26) 2,2-Dichloropropane	6.978	77	40318	19.653	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	32422	22.830	ug/l	86
28) Bromochloromethane	7.332	49	18812	22.989	ug/l #	91
29) Tetrahydrofuran	7.350	42	28378	88.913	ug/l #	88
30) Chloroform	7.502	83	53379	23.066	ug/l	99
31) Cyclohexane	7.783	56	42350	21.737	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	47169	21.984	ug/l	98
36) 1,1-Dichloropropene	7.917	75	39570	19.663	ug/l	99
37) Ethyl Acetate	7.075	43	19387	16.166	ug/l #	93
38) Carbon Tetrachloride	7.898	117	41500	19.243	ug/l	99
39) Methylcyclohexane	9.179	83	47337	19.835	ug/l	90
40) Benzene	8.161	78	115231	20.464	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	27383	43.420	ug/l #	20
42) 1,2-Dichloroethane	8.234	62	35715	21.608	ug/l	92
43) Isopropyl Acetate	8.270	43	39097	19.584	ug/l #	91
44) Trichloroethene	8.935	130	30819	20.121	ug/l	98
45) 1,2-Dichloropropane	9.215	63	30436	22.744	ug/l	93
46) Dibromomethane	9.301	93	18007	20.478	ug/l	94
47) Bromodichloromethane	9.496	83	42914	22.014	ug/l	96
48) Methyl methacrylate	9.295	41	16889	19.267	ug/l #	84
49) 1,4-Dioxane	9.295	88	4535	343.348	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	105760	89.739	ug/l	94
52) Toluene	10.240	92	80595	21.064	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	42063	20.773	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	46719	21.396	ug/l	89
55) 1,1,2-Trichloroethane	10.642	97	25147	21.030	ug/l	97
56) Ethyl methacrylate	10.508	69	30455	20.992	ug/l	87
57) 1,3-Dichloropropane	10.788	76	41789	21.254	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	74303	100.436	ug/l	96
59) 2-Hexanone	10.831	43	72116	85.641	ug/l	90
60) Dibromochloromethane	10.983	129	30704	21.389	ug/l	98
61) 1,2-Dibromoethane	11.087	107	24111	20.219	ug/l	100
64) Tetrachloroethene	10.721	164	26068	19.305	ug/l	95
65) Chlorobenzene	11.514	112	86153	20.179	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	31383	20.120	ug/l	96
67) Ethyl Benzene	11.593	91	151048	19.811	ug/l	100
68) m/p-Xylenes	11.703	106	119264	39.265	ug/l	92
69) o-Xylene	12.032	106	55931	19.929	ug/l	94
70) Styrene	12.044	104	96769	20.368	ug/l	94
71) Bromoform	12.203	173	18567	17.535	ug/l #	98
73) Isopropylbenzene	12.331	105	150534	19.139	ug/l	100
74) N-amyl acetate	12.142	43	37169	19.798	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	32165	18.395	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	38627	29.158	ug/l #	100
77) Bromobenzene	12.605	156	35534	19.497	ug/l	95
78) n-propylbenzene	12.672	91	187084	19.361	ug/l	100
79) 2-Chlorotoluene	12.757	91	102930	19.667	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	128742	20.273	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	9648	15.930	ug/l	92
82) 4-Chlorotoluene	12.855	91	110370	19.962	ug/l	96
83) tert-Butylbenzene	13.074	119	114390	20.029	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	130706	20.790	ug/l	98
85) sec-Butylbenzene	13.251	105	178415	20.023	ug/l	100
86) p-Isopropyltoluene	13.367	119	145913	20.083	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	76578	19.997	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	76701	20.250	ug/l	99
89) n-Butylbenzene	13.696	91	137390	19.922	ug/l	99
90) Hexachloroethane	13.964	117	28143	20.487	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	67594	20.185	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4936	16.509	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	36785	20.115	ug/l	99
94) Hexachlorobutadiene	15.111	225	21492	20.424	ug/l	98
95) Naphthalene	15.239	128	74877	18.316	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	32340	20.131	ug/l	98

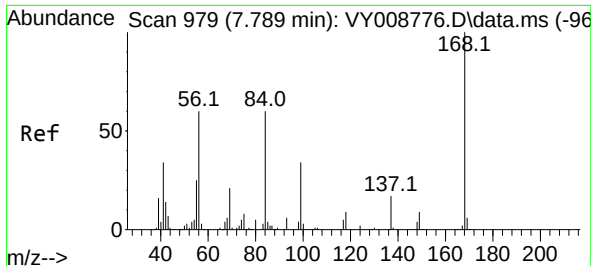
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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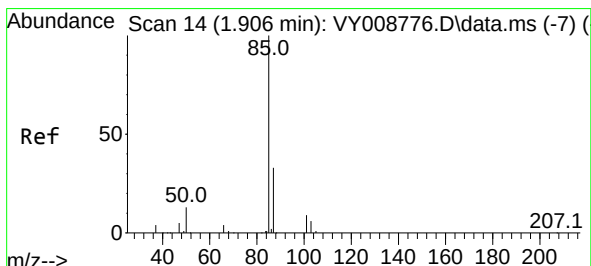
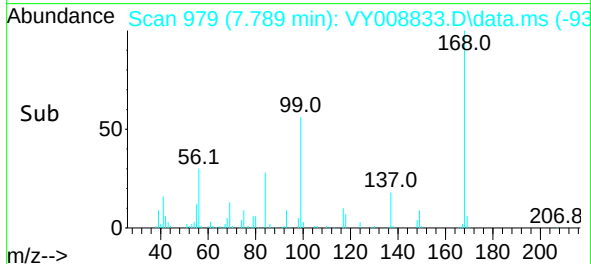
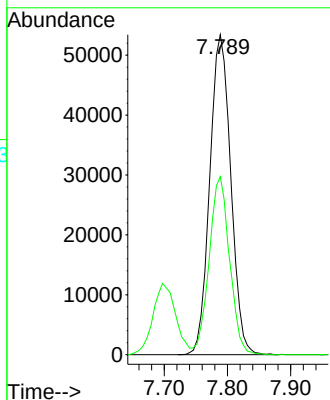
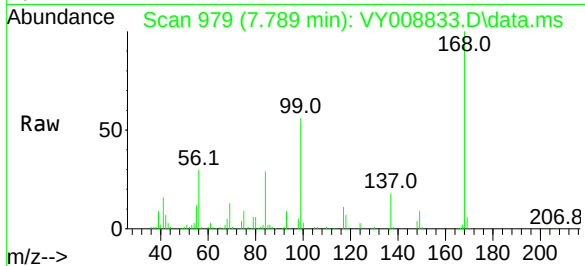
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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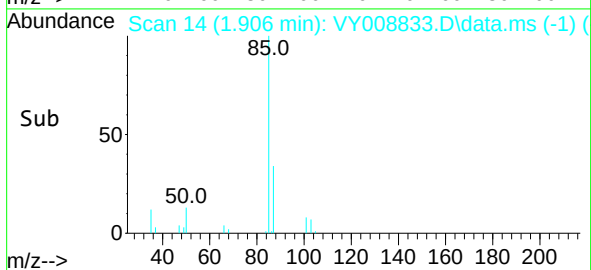
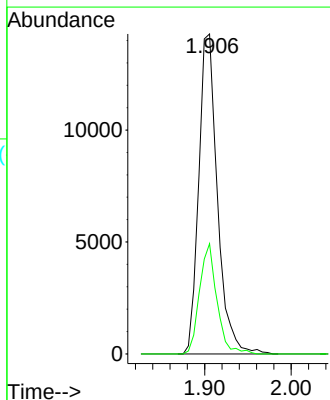
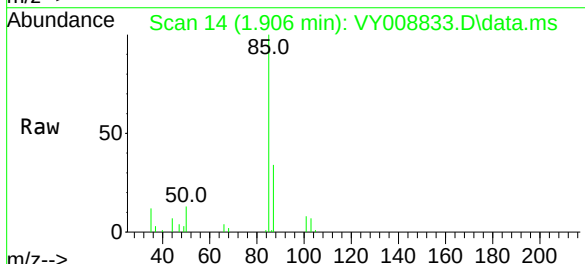
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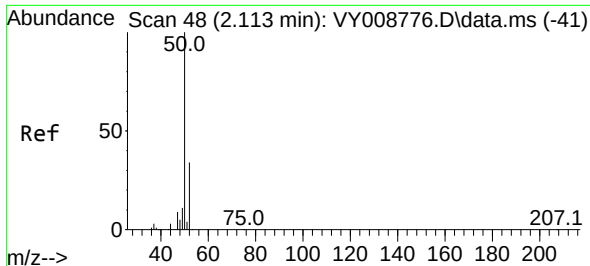
Tgt Ion:168 Resp: 123065
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 24.902 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 85 Resp: 21436
Ion Ratio Lower Upper
85 100
87 34.4 16.1 48.2

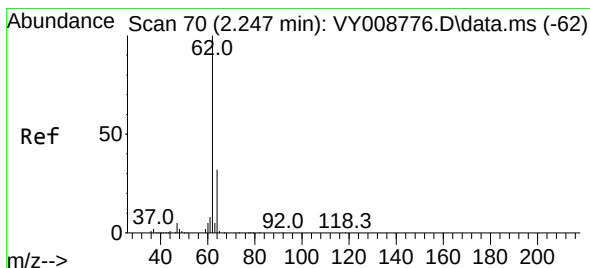
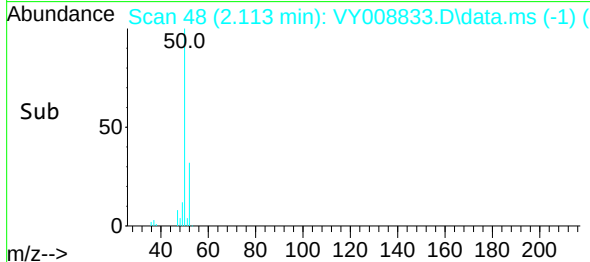
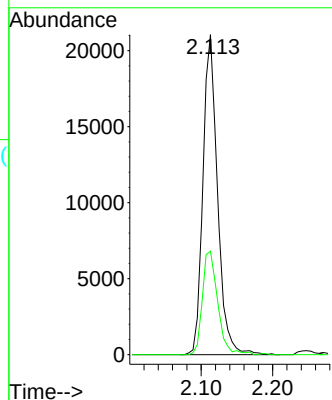
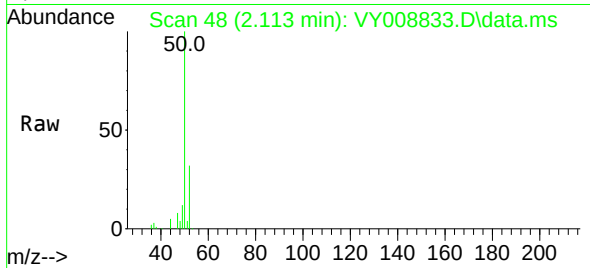




#3
Chloromethane
Concen: 20.935 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

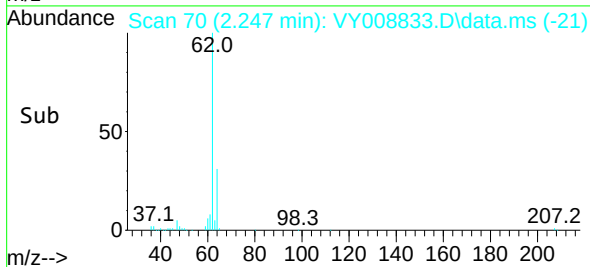
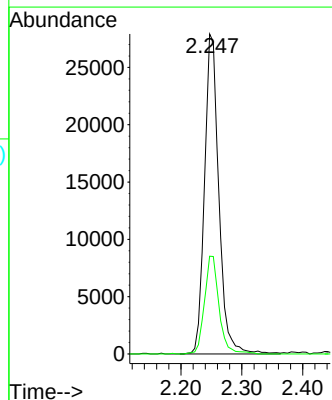
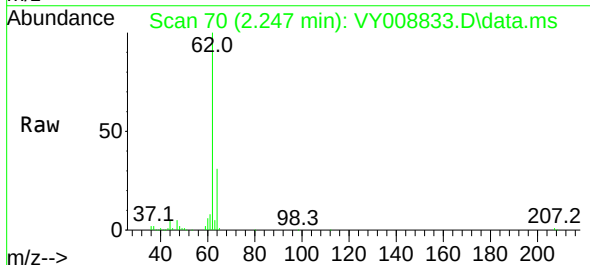
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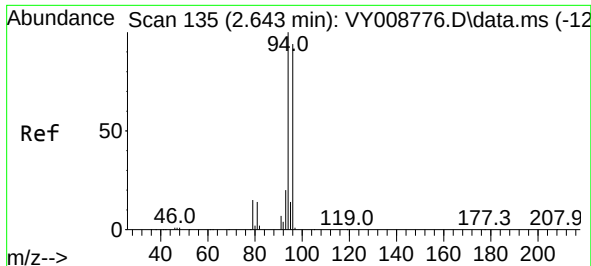
Tgt Ion: 50 Resp: 29797
Ion Ratio Lower Upper
50 100
52 32.4 24.6 37.0



#4
Vinyl Chloride
Concen: 23.037 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 62 Resp: 45595
Ion Ratio Lower Upper
62 100
64 30.5 25.0 37.6

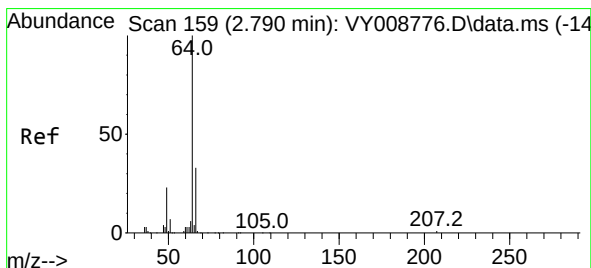
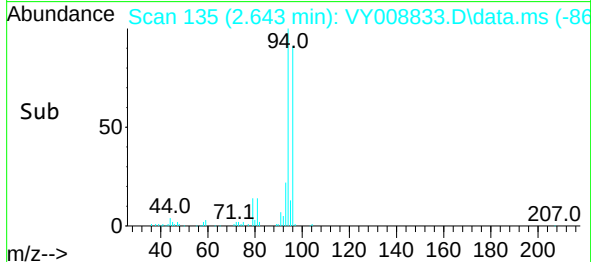
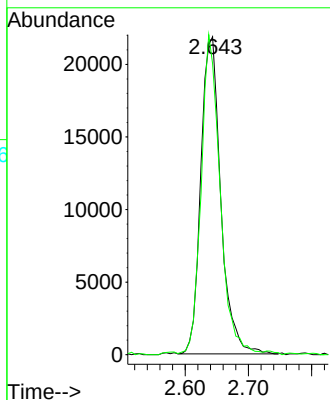
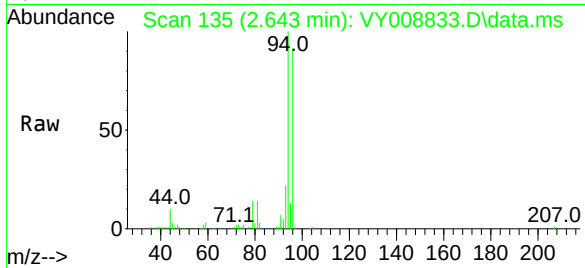




#5
Bromomethane
Concen: 32.434 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008833.D
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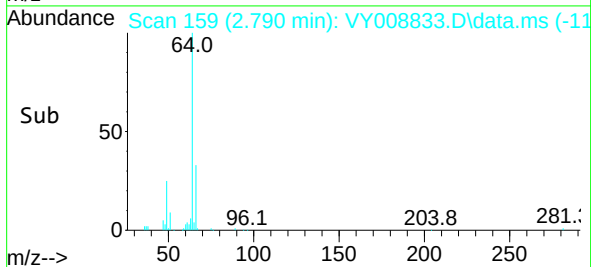
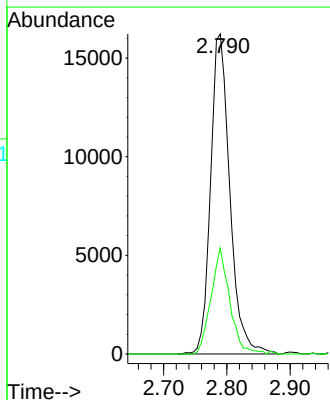
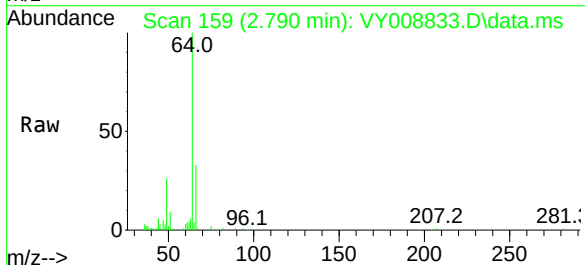
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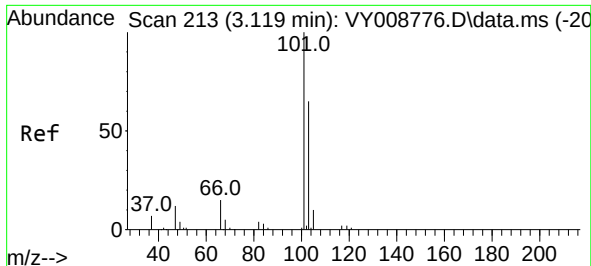
Tgt Ion: 94 Resp: 47997
Ion Ratio Lower Upper
94 100
96 91.4 73.5 110.3



#6
Chloroethane
Concen: 23.429 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 64 Resp: 34305
Ion Ratio Lower Upper
64 100
66 33.1 25.4 38.0

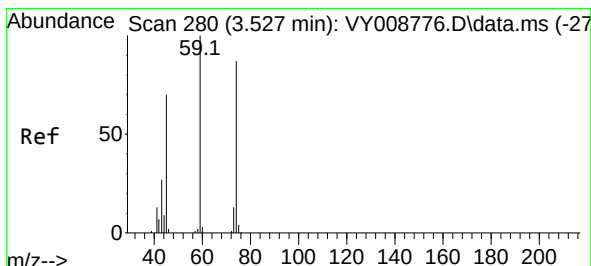
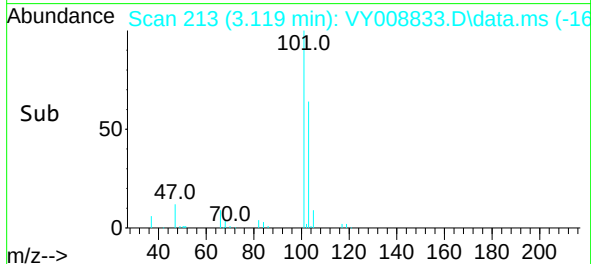
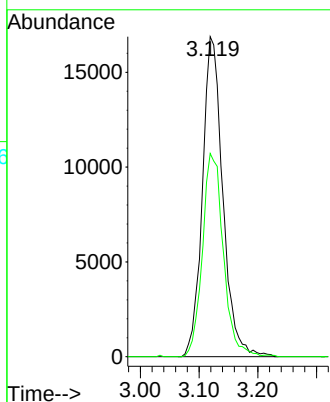
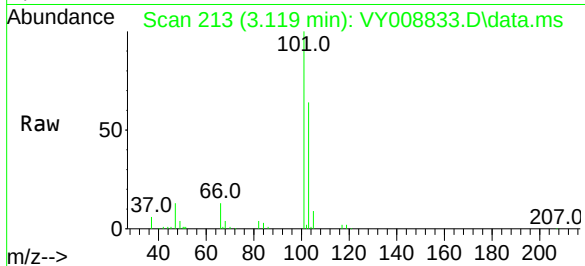




#7
 Trichlorofluoromethane
 Concen: 21.564 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VY008833.D
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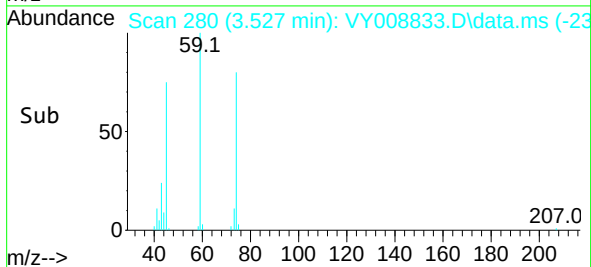
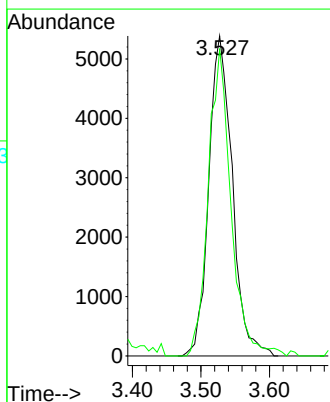
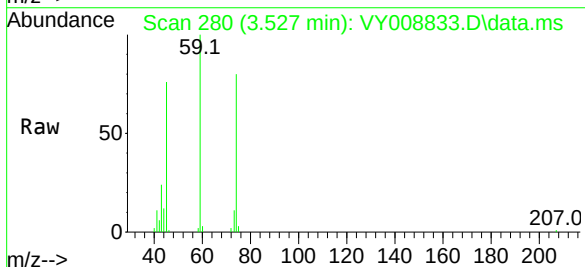
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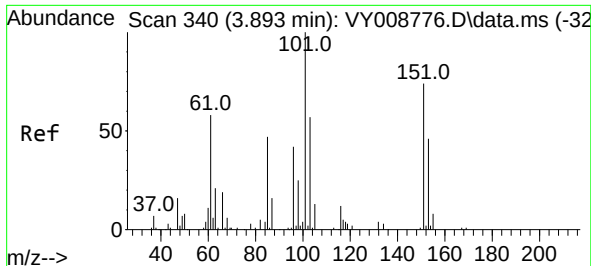
Tgt Ion:101 Resp: 40728
 Ion Ratio Lower Upper
 101 100
 103 63.5 48.0 72.0



#8
 Diethyl Ether
 Concen: 23.487 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY008833.D
 Acq: 18 May 2022 23:27

Tgt Ion: 74 Resp: 12807
 Ion Ratio Lower Upper
 74 100
 45 93.1 55.1 165.5

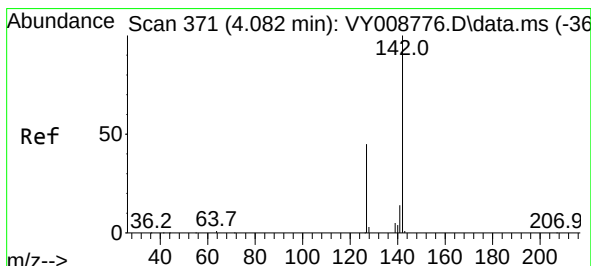
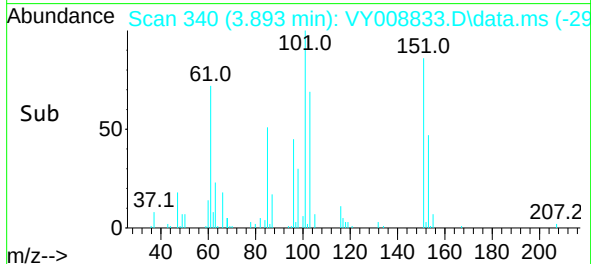
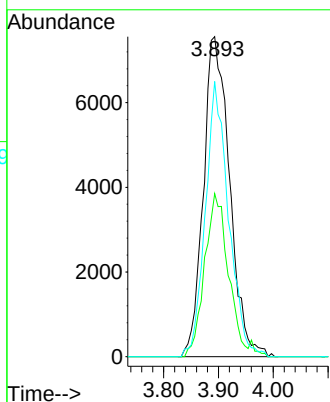
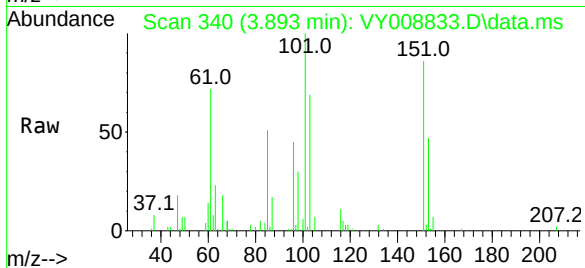




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.184 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY008833.D
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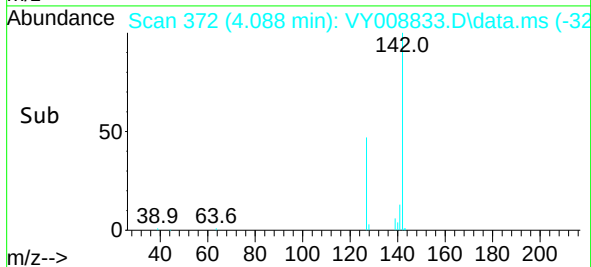
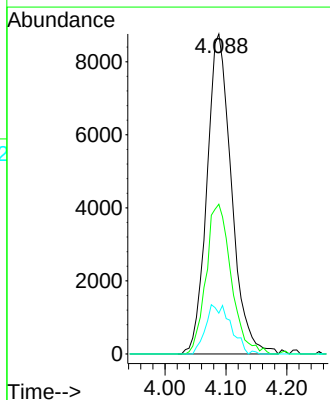
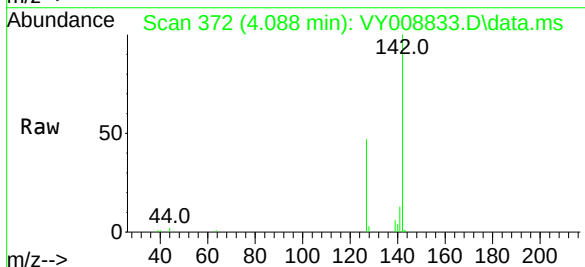
Instrument :
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ClientSampleId :
VY0518SBS02

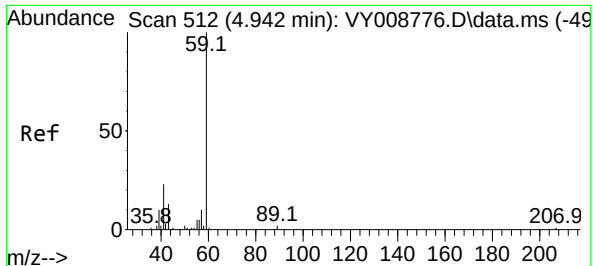
Tgt Ion:	101	Resp:	25060
Ion	Ratio	Lower	Upper
101	100		
85	45.8	40.6	60.8
151	76.3	64.9	97.3



#10
Methyl Iodide
Concen: 19.224 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion:	142	Resp:	24510
Ion	Ratio	Lower	Upper
142	100		
127	47.9	41.5	62.3
141	15.9	11.9	17.9

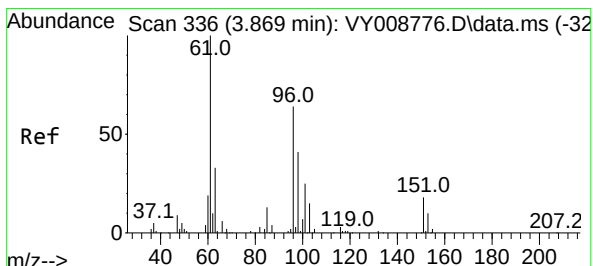
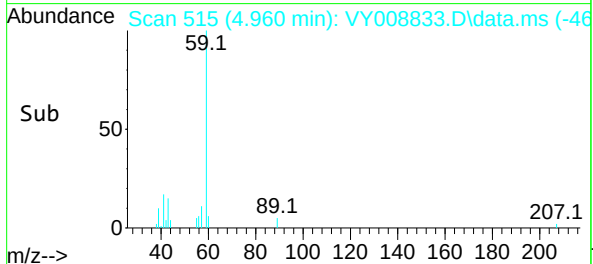
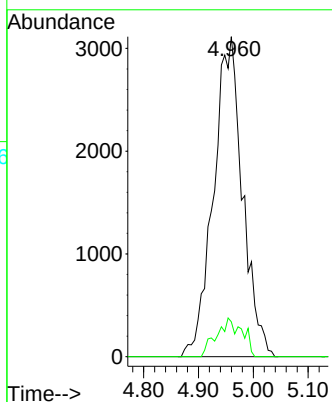
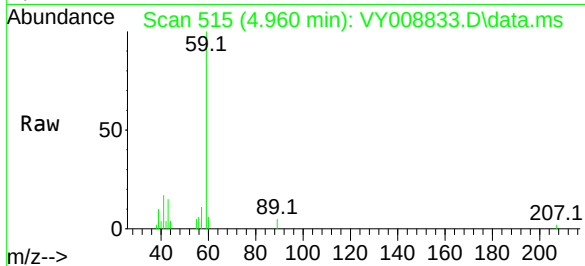




#11
Tert butyl alcohol
Concen: 90.799 ug/l
RT: 4.960 min Scan# 512
Delta R.T. 0.018 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

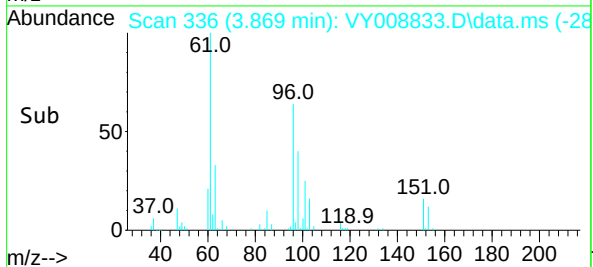
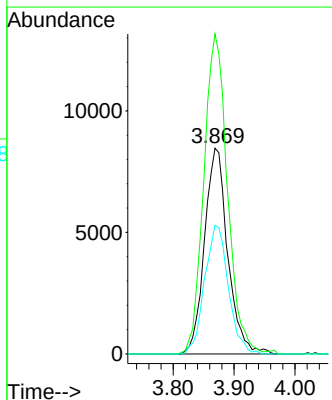
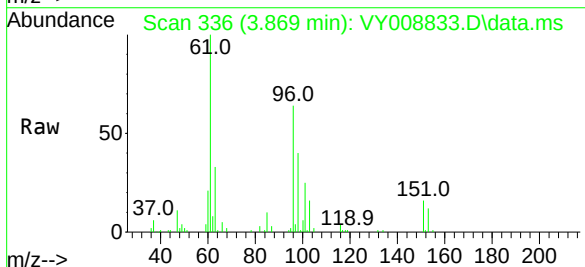
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

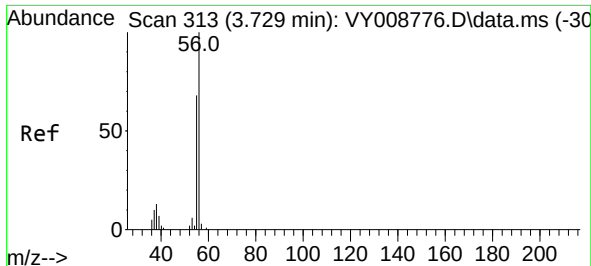
Tgt Ion: 59 Resp: 11457
Ion Ratio Lower Upper
59 100
57 10.6 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 21.498 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 96 Resp: 22449
Ion Ratio Lower Upper
96 100
61 155.5 145.8 218.6
98 62.5 52.5 78.7





#13

Acrolein

Concen: 106.343 ug/l

RT: 3.728 min Scan# 313

Delta R.T. -0.001 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

Instrument :

MSVOA_Y

ClientSampleId :

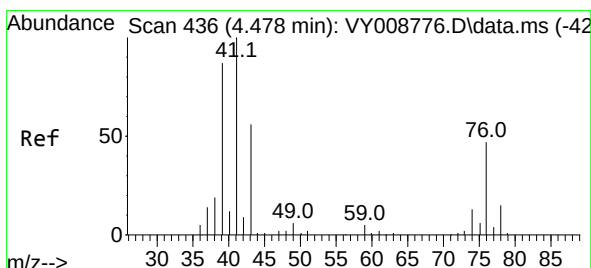
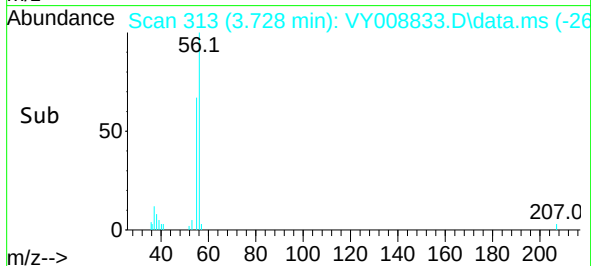
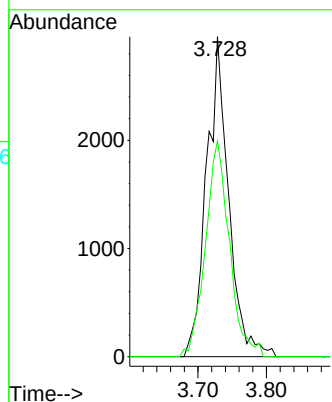
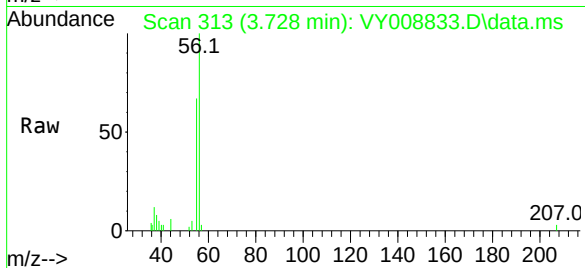
VY0518SBS02

Tgt Ion: 56 Resp: 6638

Ion Ratio Lower Upper

56 100

55 73.0 57.6 86.4



#14

Allyl chloride

Concen: 21.700 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

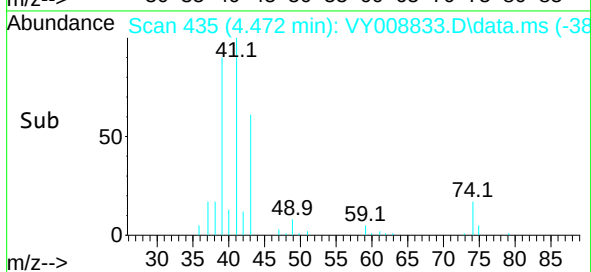
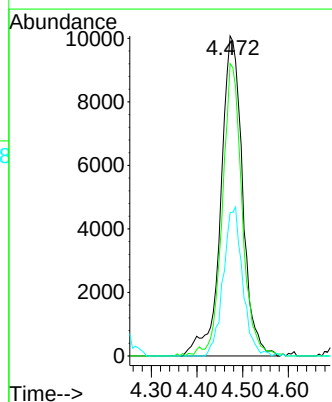
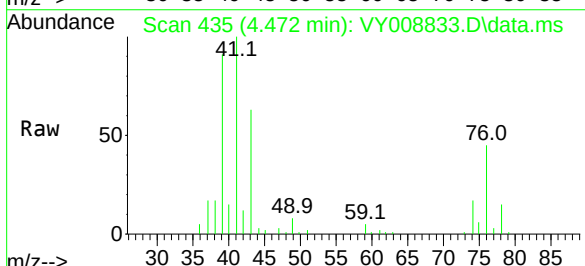
Tgt Ion: 41 Resp: 33331

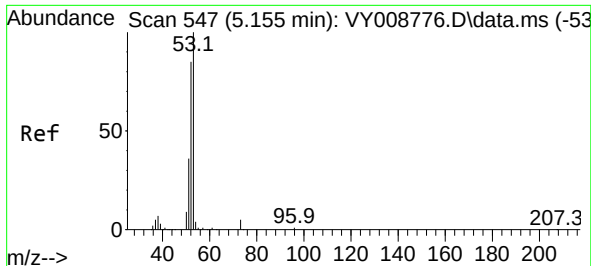
Ion Ratio Lower Upper

41 100

39 82.1 58.8 88.2

76 41.1 25.1 37.7#

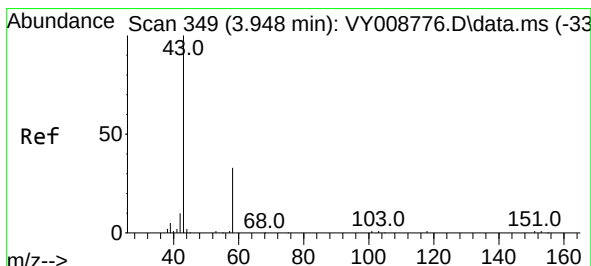
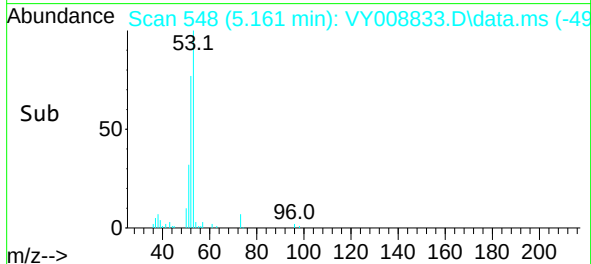
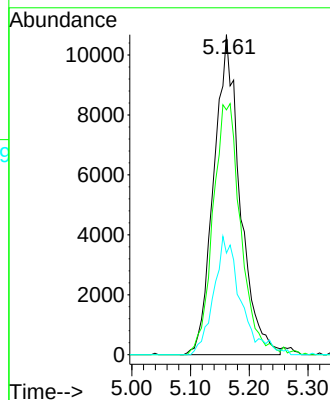
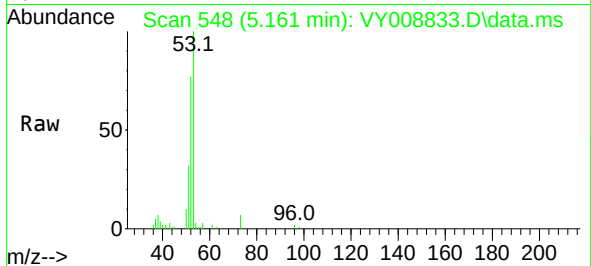




#15
Acrylonitrile
Concen: 90.016 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

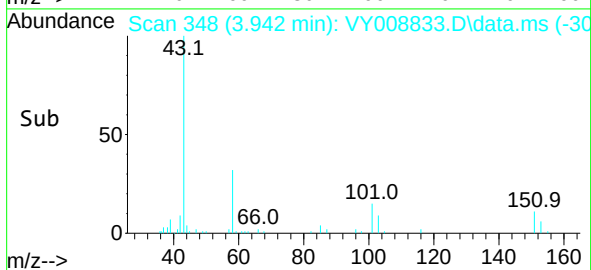
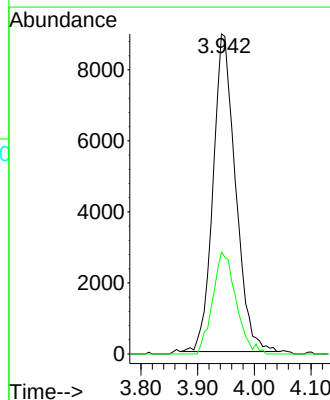
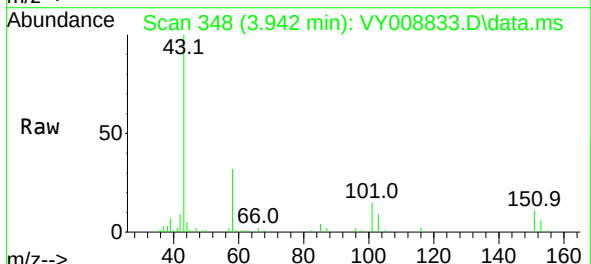
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

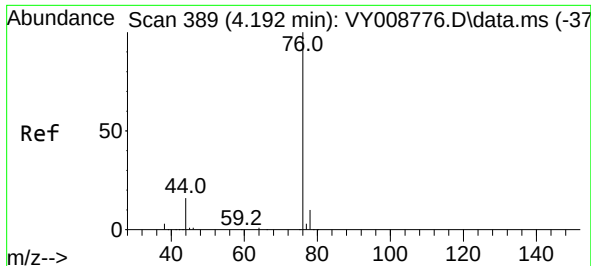
Tgt Ion: 53	Resp:	33284	
Ion	Ratio	Lower	Upper
53	100		
52	82.5	67.0	100.4
51	38.1	29.8	44.6



#16
Acetone
Concen: 78.623 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 43	Resp: 24709
Ion Ratio	Lower Upper
43 100	
58 32.1	22.0 33.0

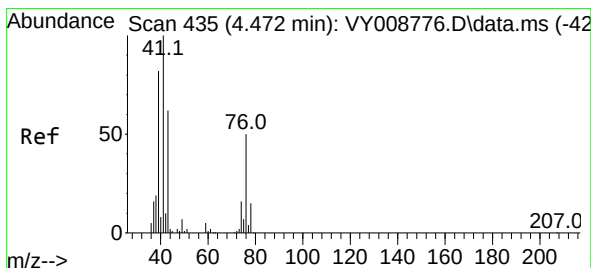
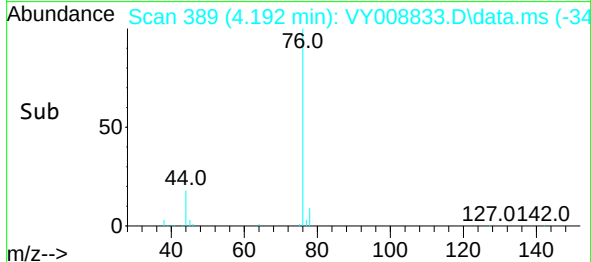
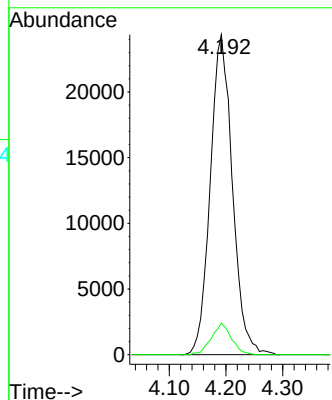
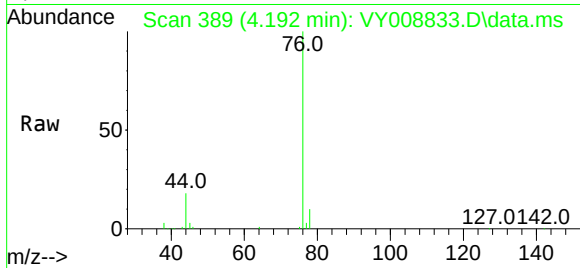




#17
Carbon Disulfide
Concen: 22.258 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

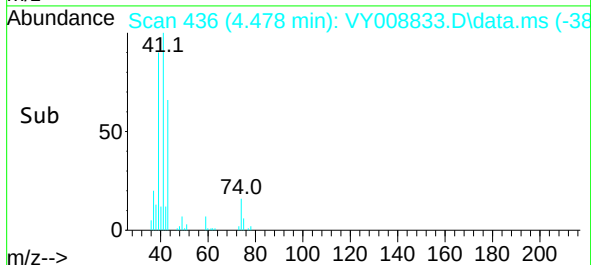
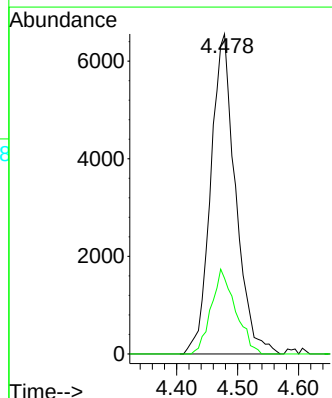
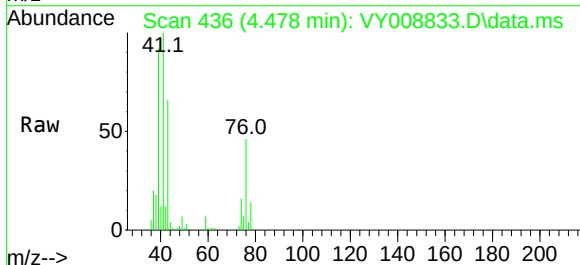
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

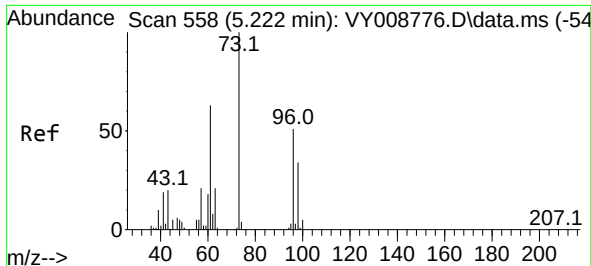
Tgt Ion: 76 Resp: 65992
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 20.066 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 43 Resp: 18542
Ion Ratio Lower Upper
43 100
74 26.0 16.6 24.8#

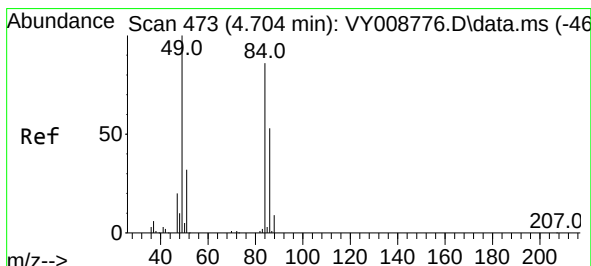
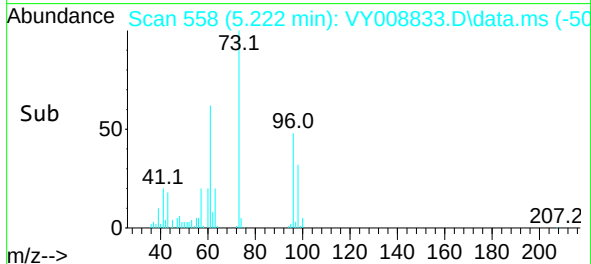
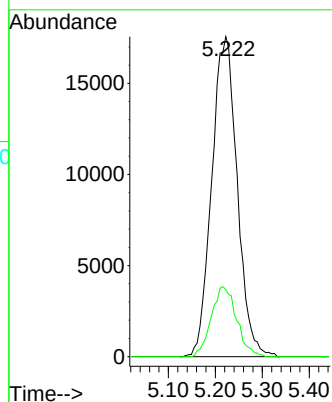
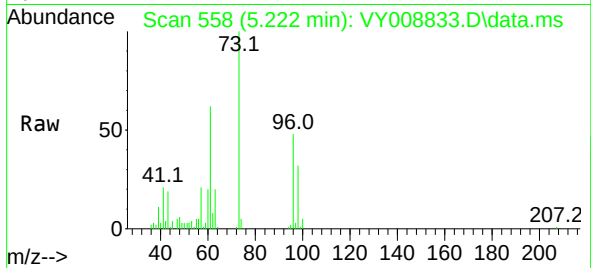




#19
Methyl tert-butyl Ether
Concen: 23.481 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

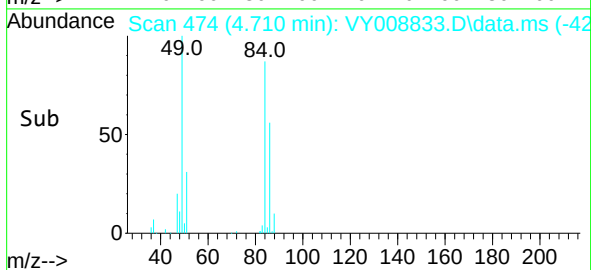
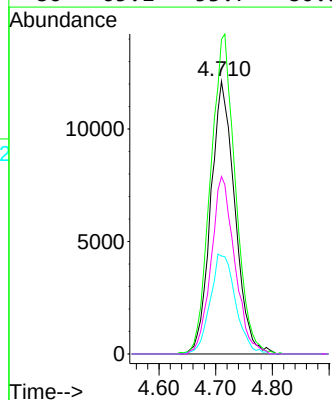
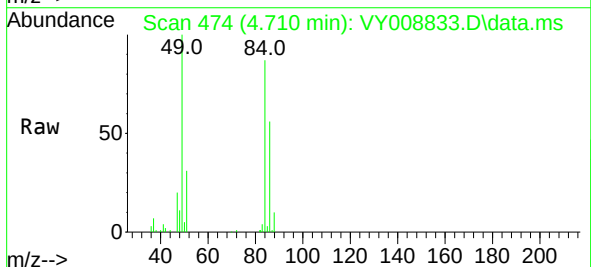
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

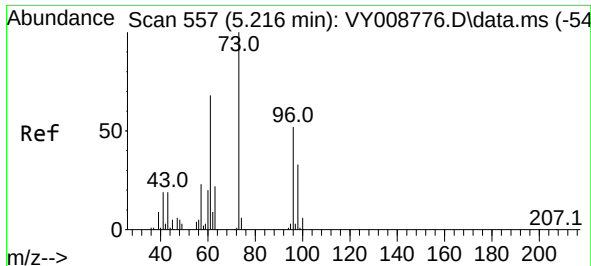
Tgt Ion: 73 Resp: 66038
Ion Ratio Lower Upper
73 100
57 21.0 18.6 27.8



#20
Methylene Chloride
Concen: 27.392 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 84 Resp: 35711
Ion Ratio Lower Upper
84 100
49 114.9 114.4 171.6
51 35.9 35.3 52.9
86 65.1 53.7 80.5

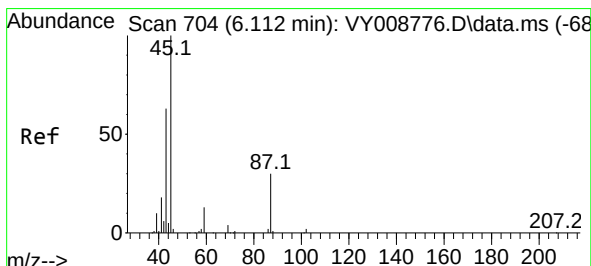
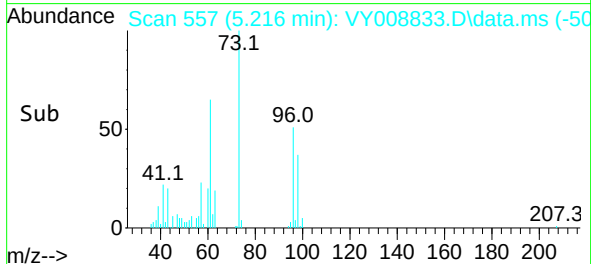
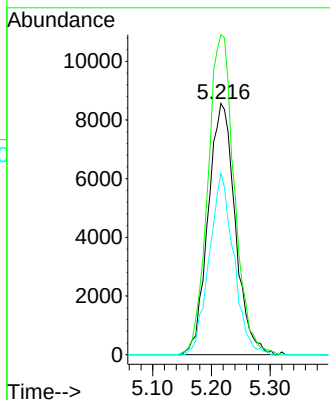
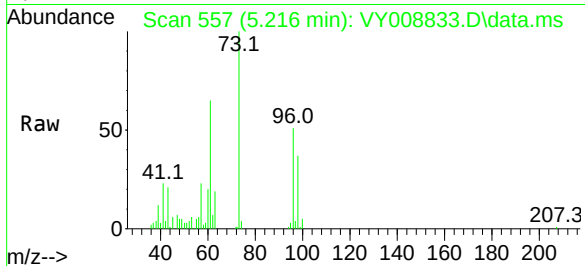




#21
trans-1,2-Dichloroethene
Concen: 21.413 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

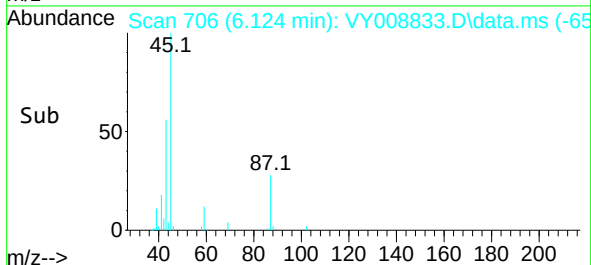
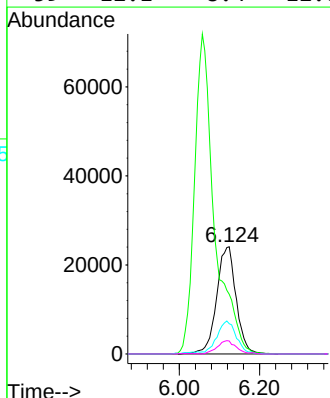
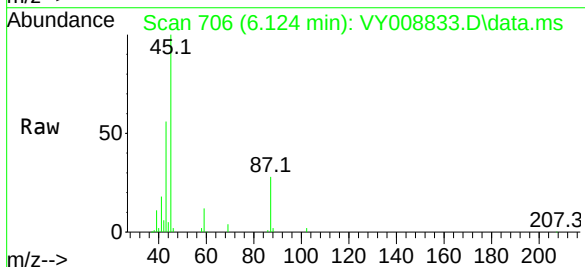
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

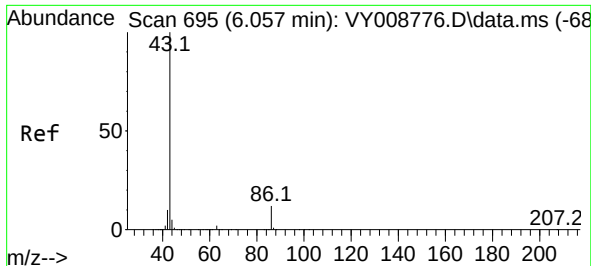
Tgt Ion: 96 Resp: 27417
Ion Ratio Lower Upper
96 100
61 127.4 120.5 180.7
98 72.2 49.8 74.8



#22
Diisopropyl ether
Concen: 24.988 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.012 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 45 Resp: 81283
Ion Ratio Lower Upper
45 100
43 55.3 49.3 73.9
87 28.2 19.2 28.8
59 12.1 8.4 12.6

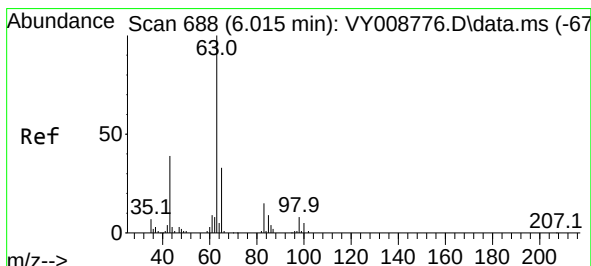
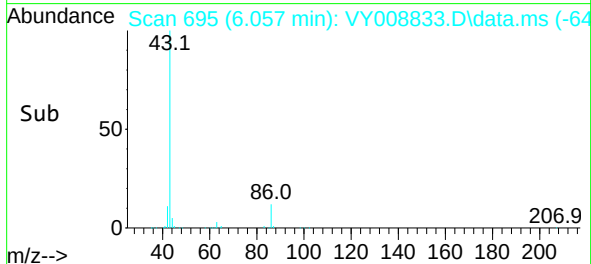
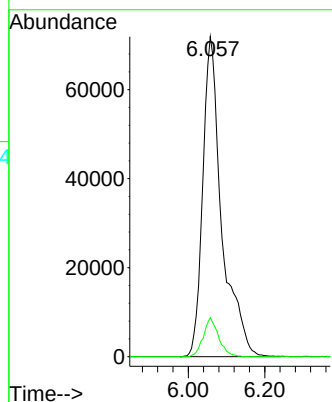
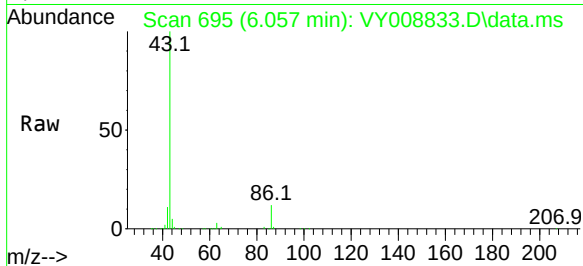




#23
 Vinyl Acetate
 Concen: 108.073 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY008833.D
 Acq: 18 May 2022 23:27

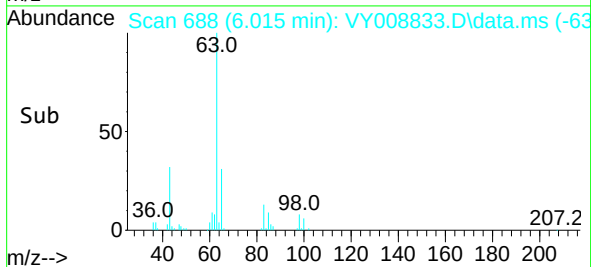
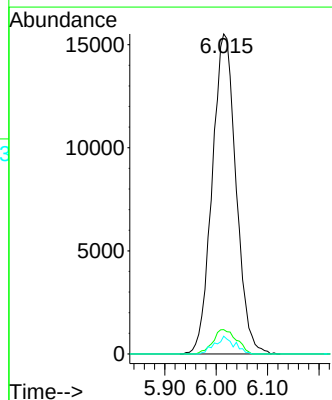
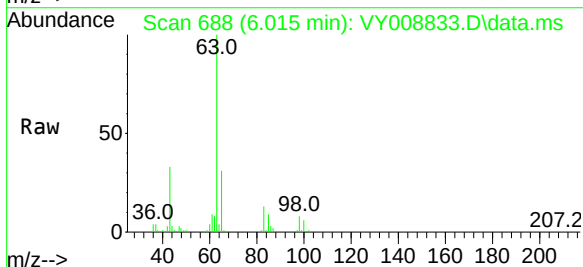
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS02

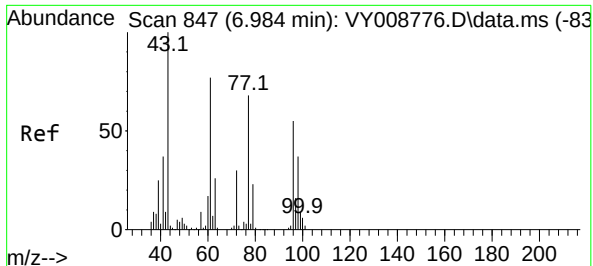
Tgt Ion: 43 Resp: 247872
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 23.144 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY008833.D
 Acq: 18 May 2022 23:27

Tgt Ion: 63 Resp: 49955
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 5.6 2.0 5.8





#25

2-Butanone

Concen: 89.800 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

Instrument :

MSVOA_Y

ClientSampleId :

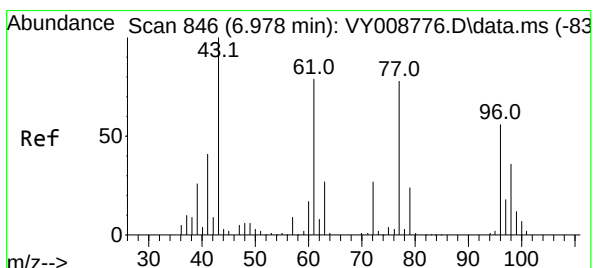
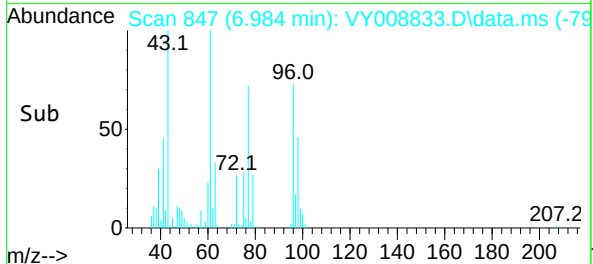
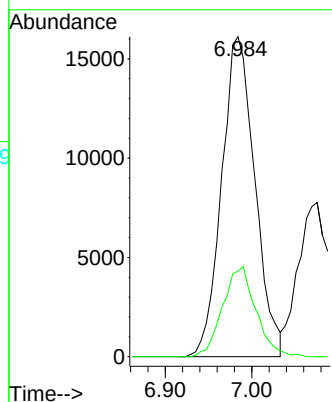
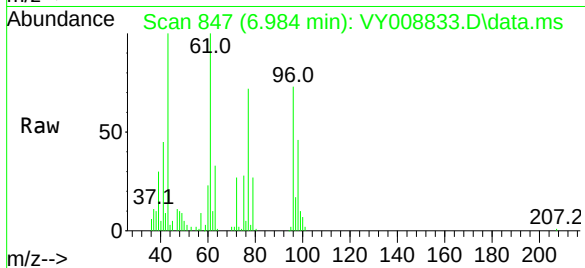
VY0518SBS02

Tgt Ion: 43 Resp: 43025

Ion Ratio Lower Upper

43 100

72 26.7 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 19.653 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY008833.D

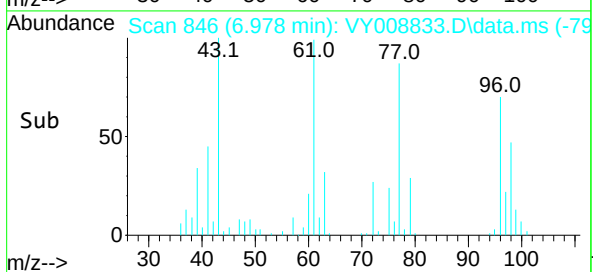
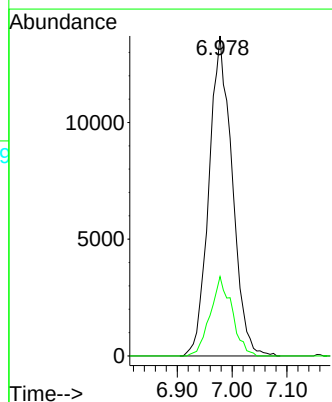
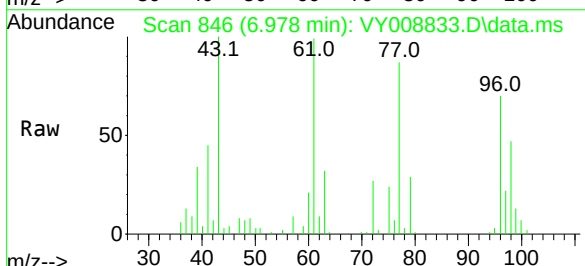
Acq: 18 May 2022 23:27

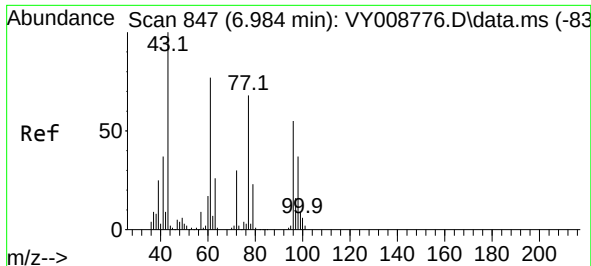
Tgt Ion: 77 Resp: 40318

Ion Ratio Lower Upper

77 100

97 23.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 22.830 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS02

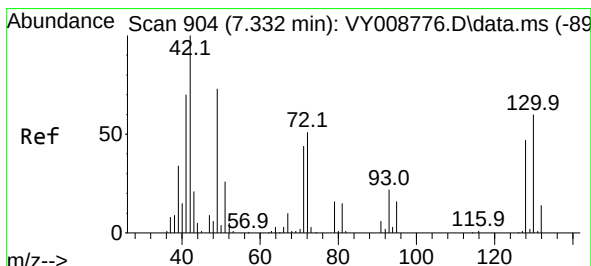
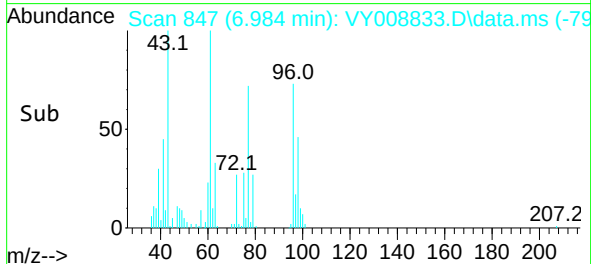
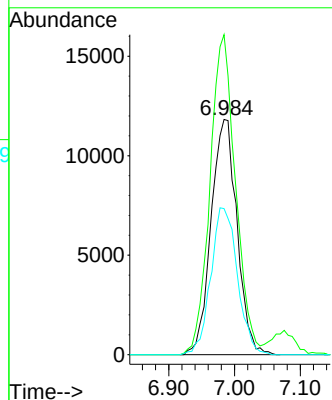
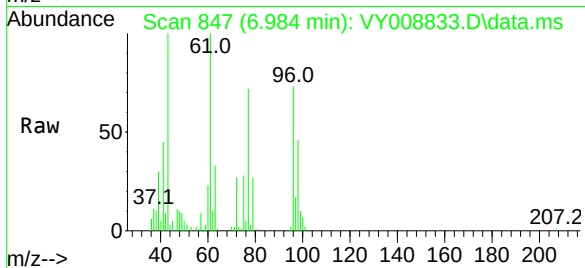
Tgt Ion: 96 Resp: 32422

Ion Ratio Lower Upper

96 100

61 133.9 0.0 319.8

98 64.3 0.0 127.0



#28

Bromochloromethane

Concen: 22.989 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

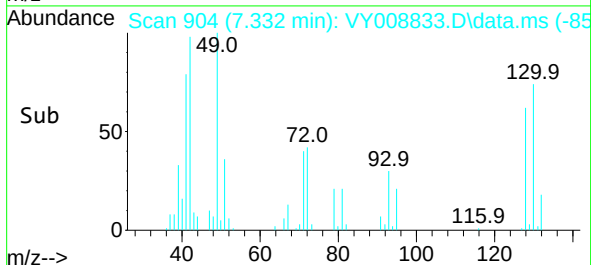
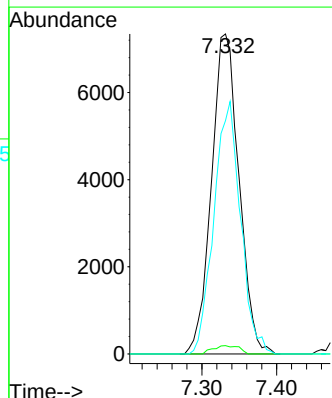
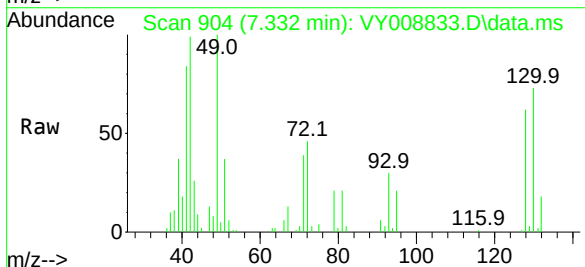
Tgt Ion: 49 Resp: 18812

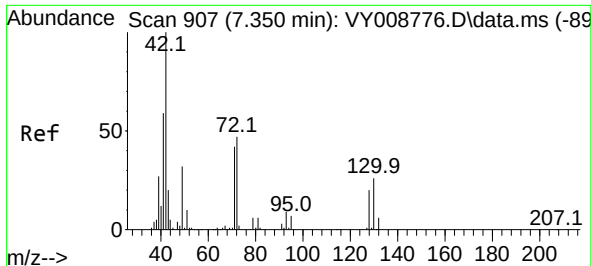
Ion Ratio Lower Upper

49 100

129 2.5 0.0 2.2#

130 76.3 55.4 83.0





#29

Tetrahydrofuran

Concen: 88.913 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS02

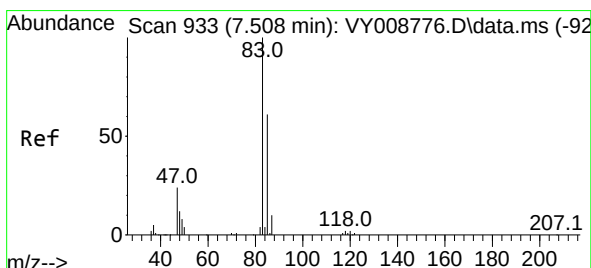
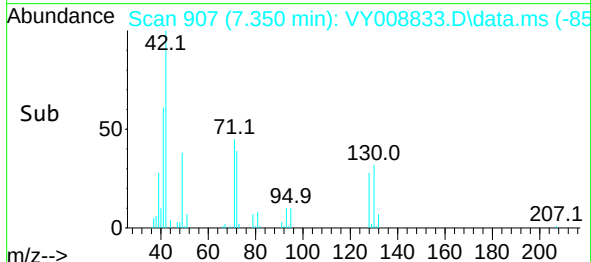
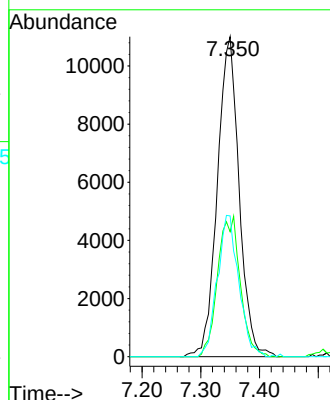
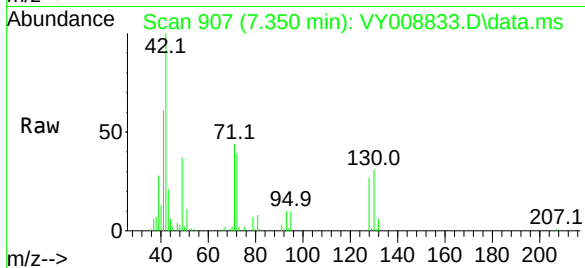
Tgt Ion: 42 Resp: 28378

Ion Ratio Lower Upper

42 100

72 45.5 30.3 45.5

71 43.4 29.0 43.4



#30

Chloroform

Concen: 23.066 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY008833.D

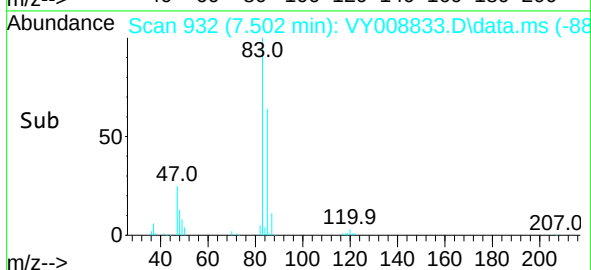
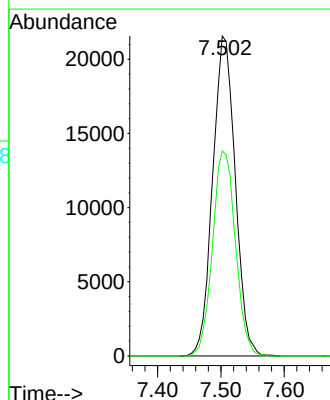
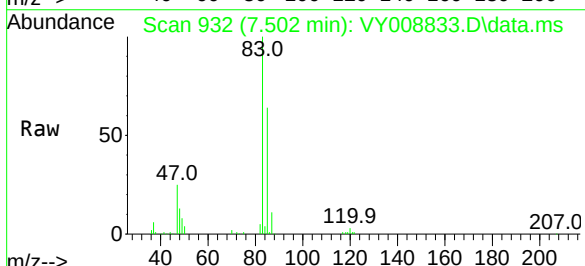
Acq: 18 May 2022 23:27

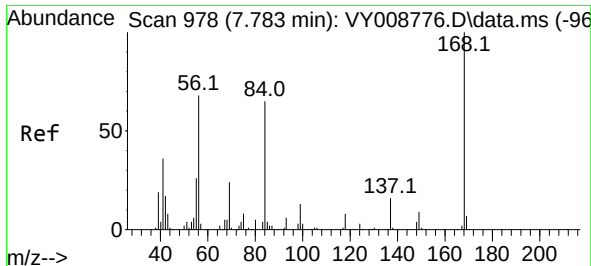
Tgt Ion: 83 Resp: 53379

Ion Ratio Lower Upper

83 100

85 64.0 51.8 77.6

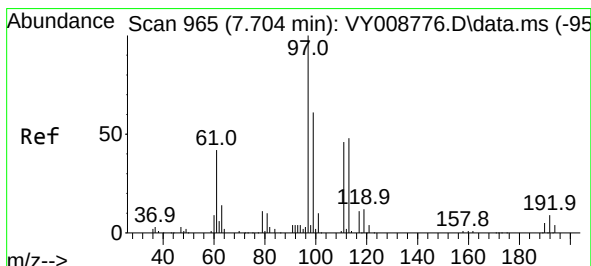
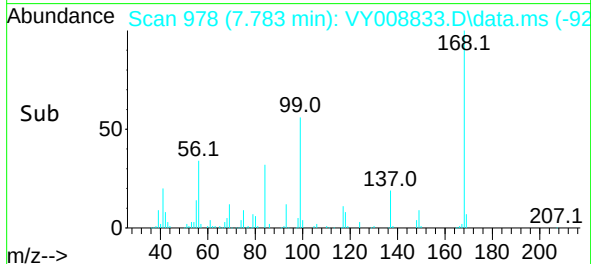
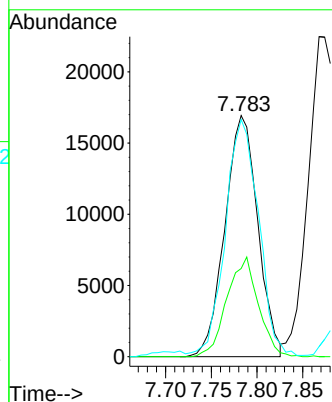
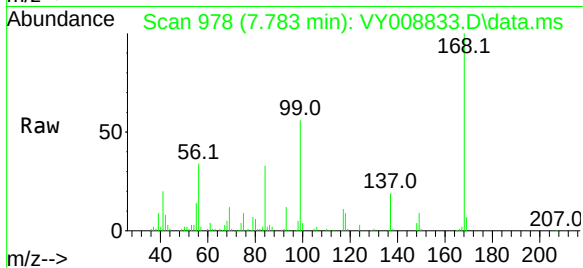




#31
Cyclohexane
Concen: 21.737 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

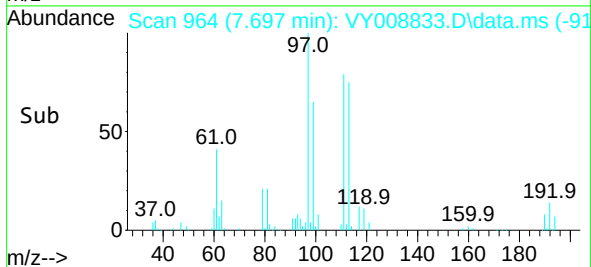
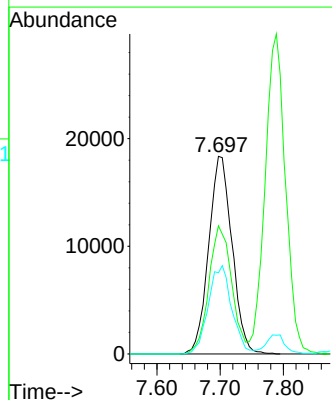
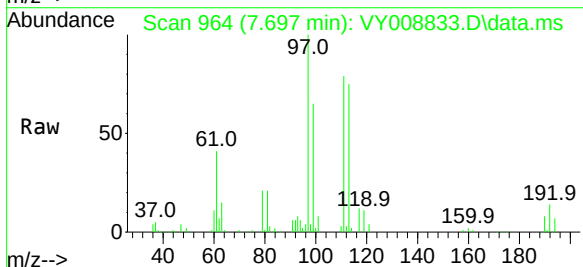
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

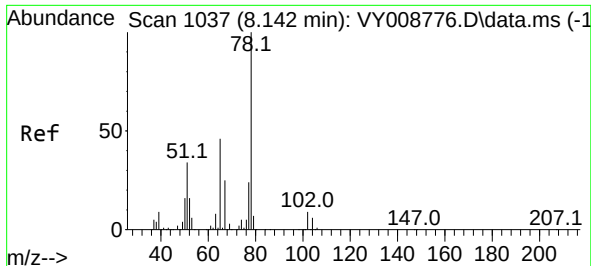
Tgt Ion: 56 Resp: 42350
Ion Ratio Lower Upper
56 100
69 36.6 26.7 40.1
84 96.0 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 21.984 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 97 Resp: 47169
Ion Ratio Lower Upper
97 100
99 63.1 50.7 76.1
61 44.9 37.6 56.4



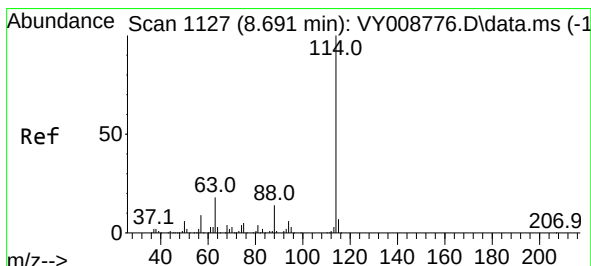
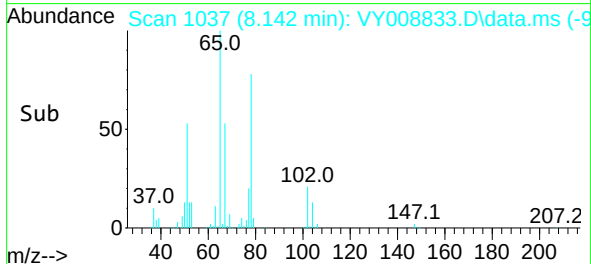
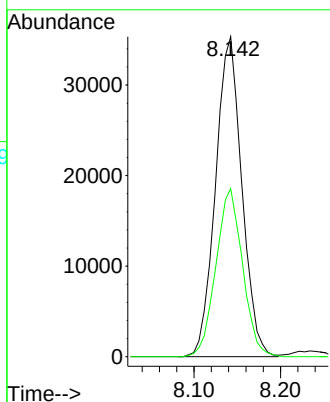
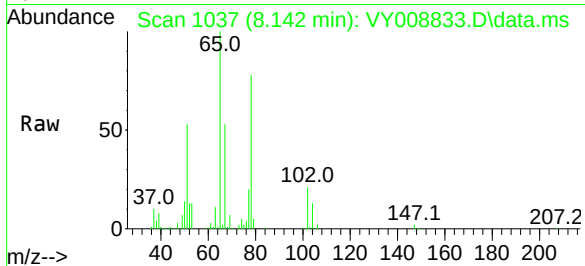


#33
 1,2-Dichloroethane-d4
 Concen: 65.292 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY008833.D
 Acq: 18 May 2022 23:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS02

Tgt Ion: 65 Resp: 74543

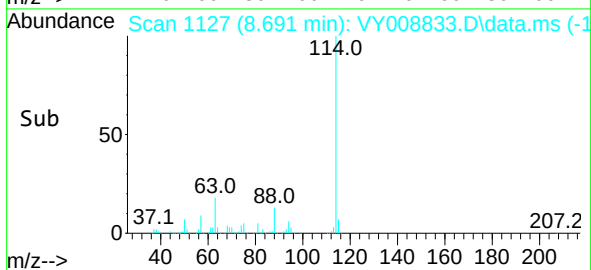
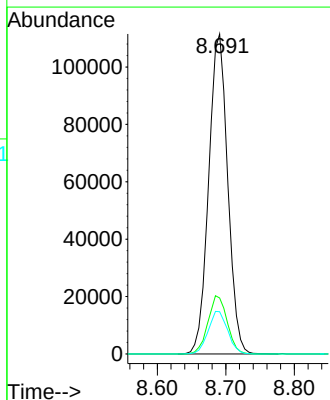
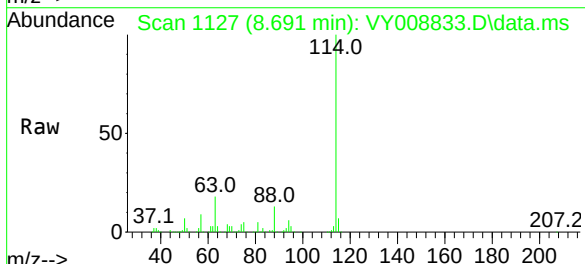
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	99.4

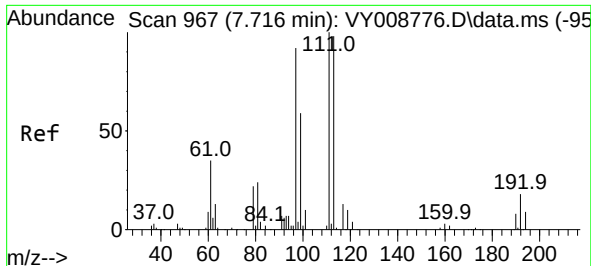


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY008833.D
 Acq: 18 May 2022 23:27

Tgt Ion: 114 Resp: 215045

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	43.2
88	13.2	0.0	31.8

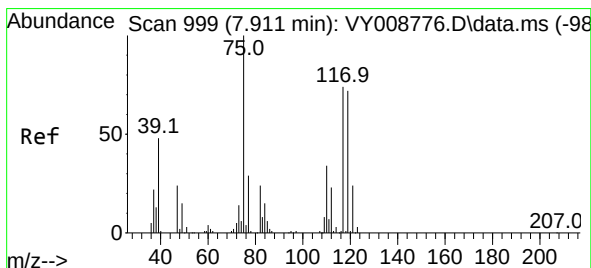
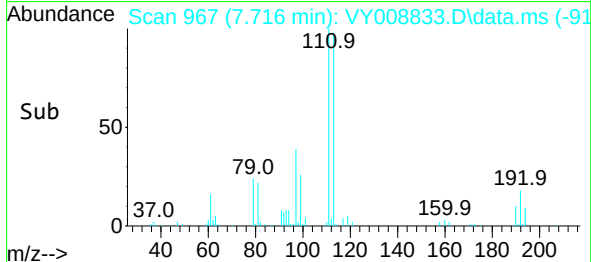
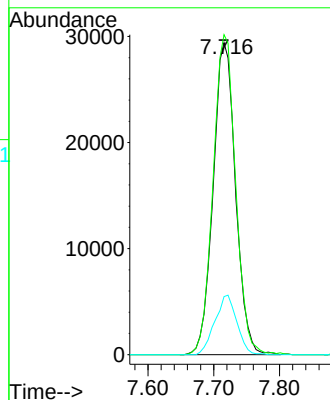
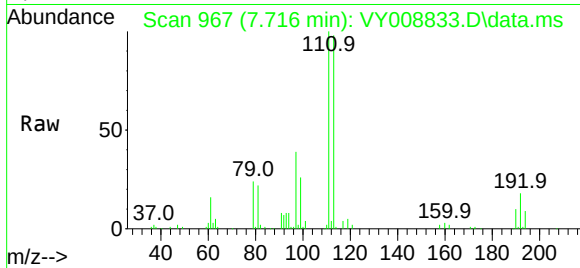




#35
Dibromofluoromethane
Concen: 55.517 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

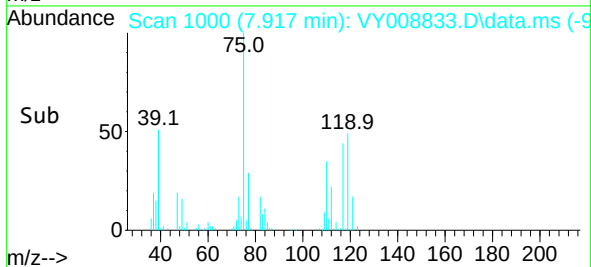
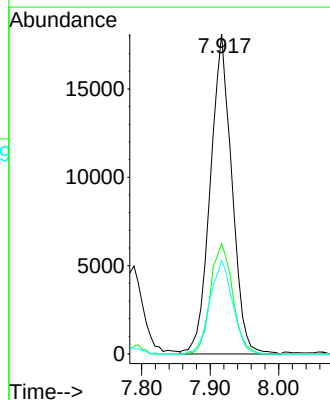
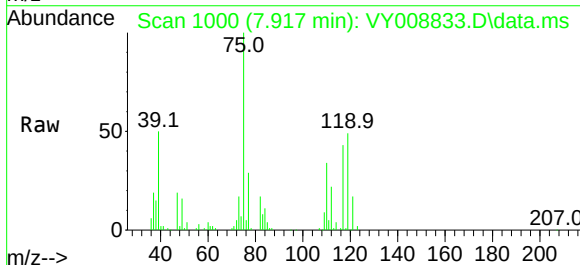
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

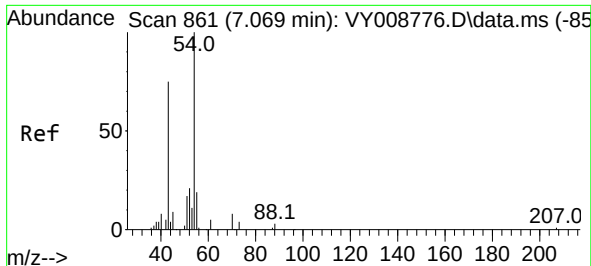
Tgt Ion:113 Resp: 69755
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 18.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 19.663 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 75 Resp: 39570
Ion Ratio Lower Upper
75 100
110 35.5 17.1 51.2
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 16.166 ug/l

RT: 7.075 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS02

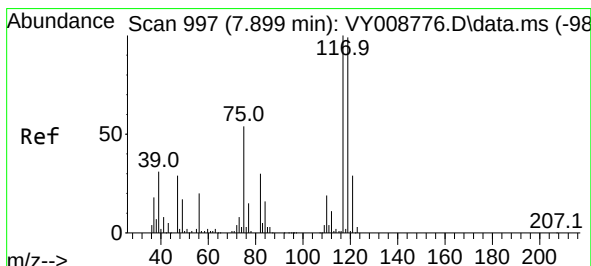
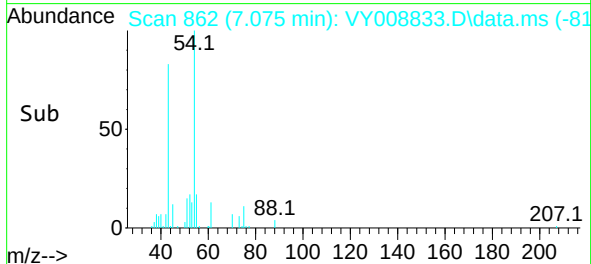
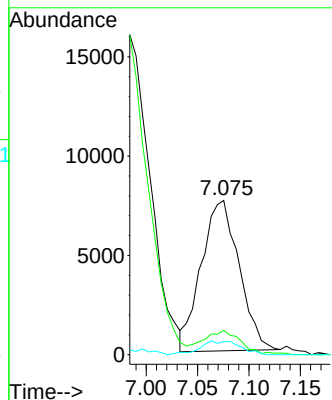
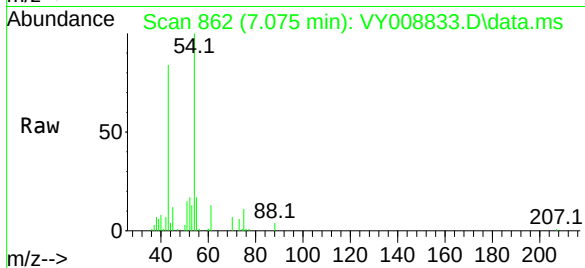
Tgt Ion: 43 Resp: 19387

Ion Ratio Lower Upper

43 100

61 16.4 9.7 14.5#

70 9.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 19.243 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

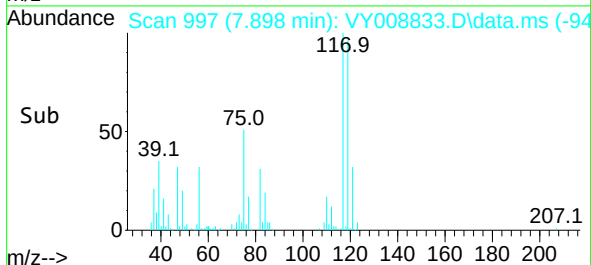
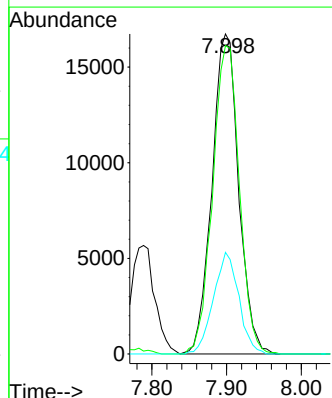
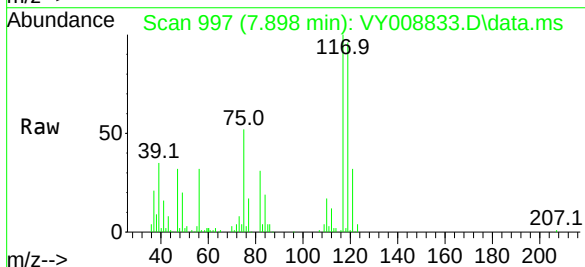
Tgt Ion: 117 Resp: 41500

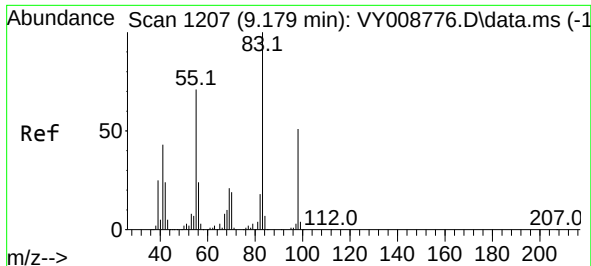
Ion Ratio Lower Upper

117 100

119 96.4 77.9 116.9

121 31.7 24.8 37.2





#39

Methylcyclohexane

Concen: 19.835 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS02

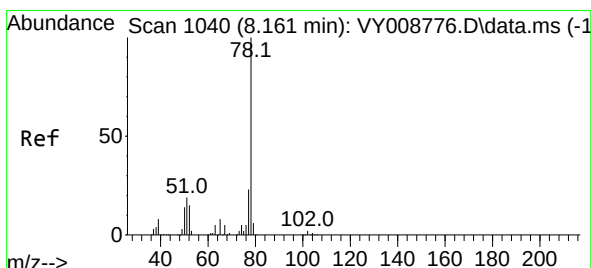
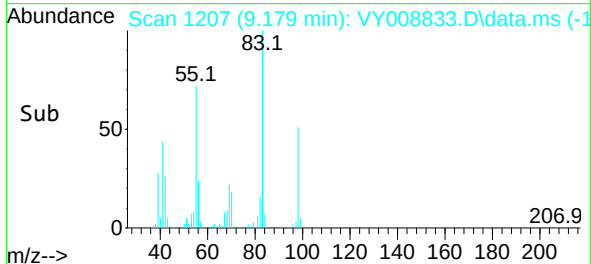
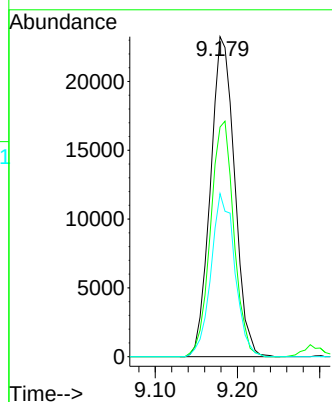
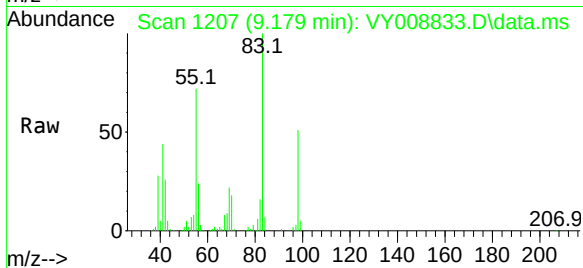
Tgt Ion: 83 Resp: 47337

Ion Ratio Lower Upper

83 100

55 71.8 66.5 99.7

98 50.9 37.9 56.9



#40

Benzene

Concen: 20.464 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008833.D

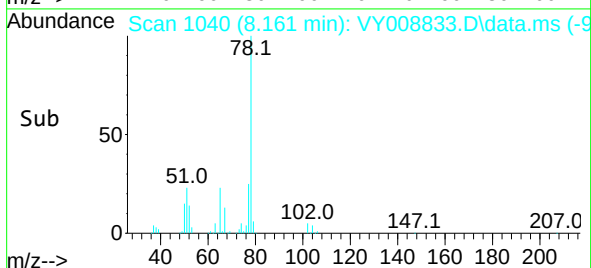
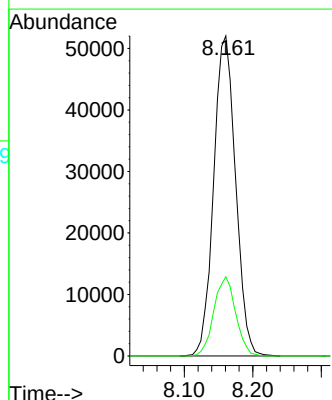
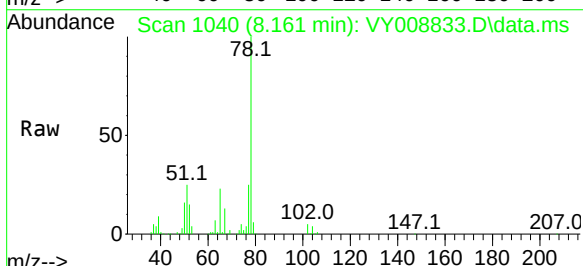
Acq: 18 May 2022 23:27

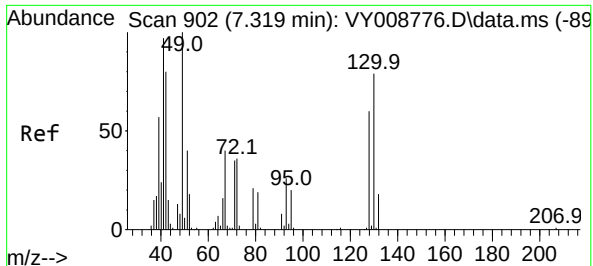
Tgt Ion: 78 Resp: 115231

Ion Ratio Lower Upper

78 100

77 24.7 20.4 30.6

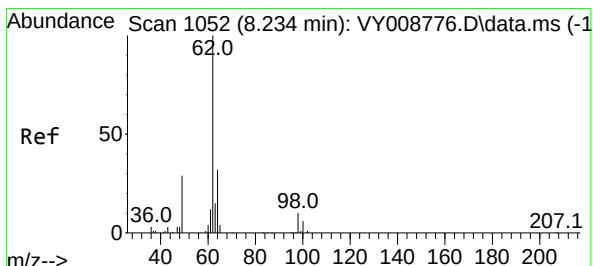
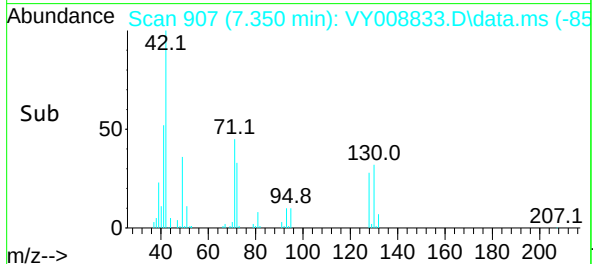
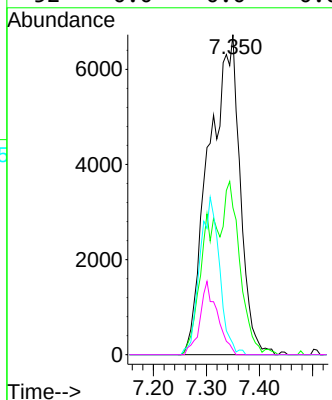
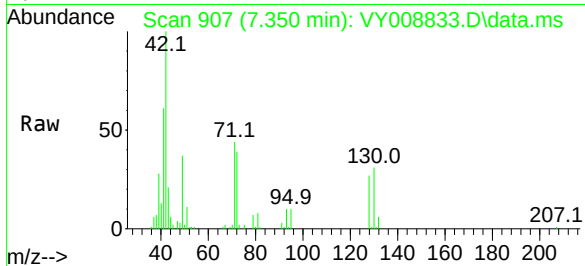




#41
Methacrylonitrile
Concen: 43.420 ug/l
RT: 7.350 min Scan# 90
Delta R.T. 0.030 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

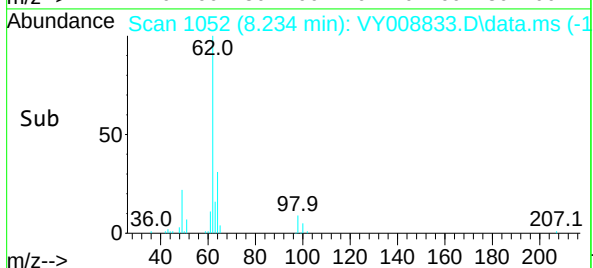
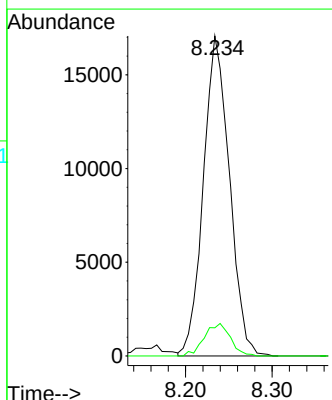
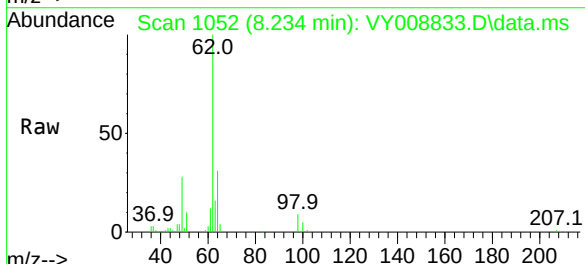
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

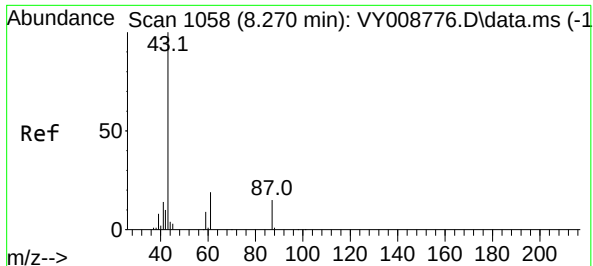
Tgt Ion: 41 Resp: 27383
Ion Ratio Lower Upper
41 100
39 29.3 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.608 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 62 Resp: 35715
Ion Ratio Lower Upper
62 100
98 10.2 0.0 14.8

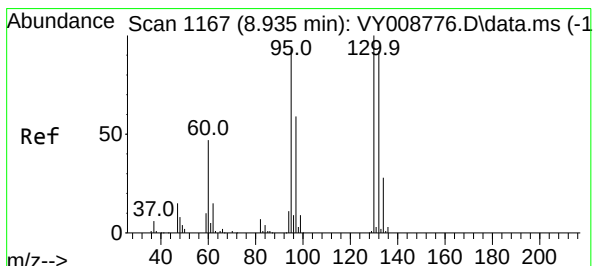
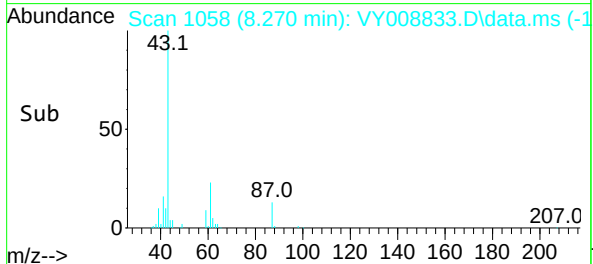
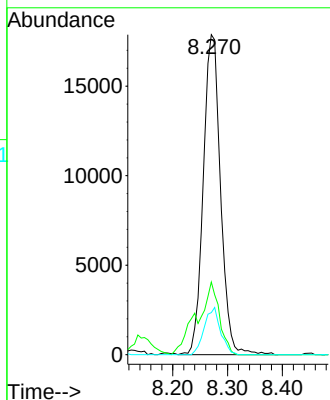
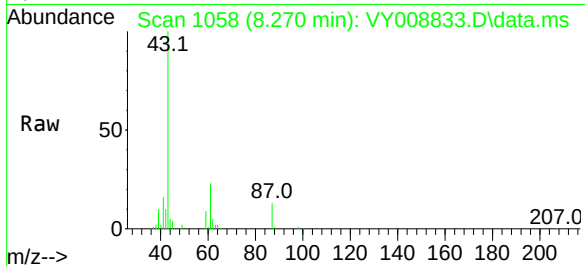




#43
Isopropyl Acetate
Concen: 19.584 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

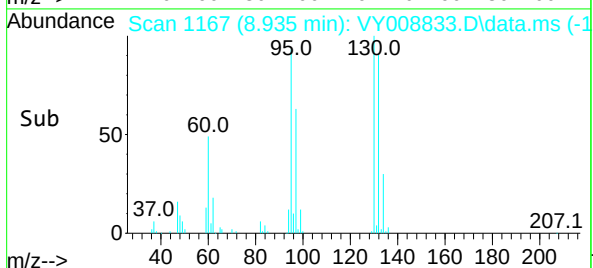
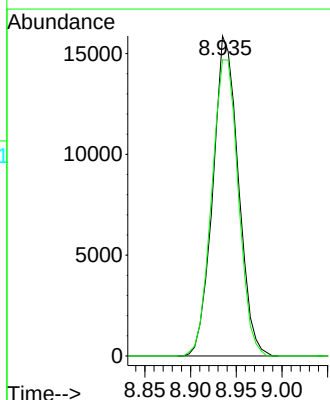
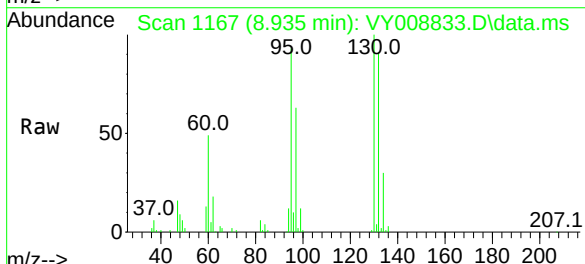
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

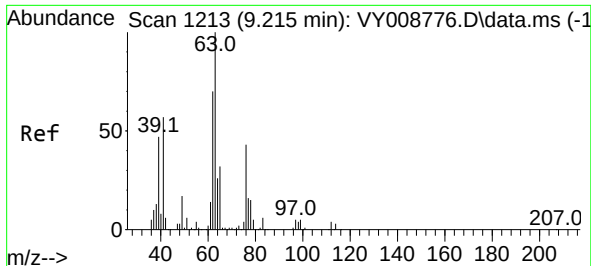
Tgt Ion: 43 Resp: 39097
Ion Ratio Lower Upper
43 100
61 20.0 20.2 30.2#
87 13.9 8.9 13.3#



#44
Trichloroethene
Concen: 20.121 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion:130 Resp: 30819
Ion Ratio Lower Upper
130 100
95 92.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 22.744 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

Instrument :

MSVOA_Y

ClientSampleId :

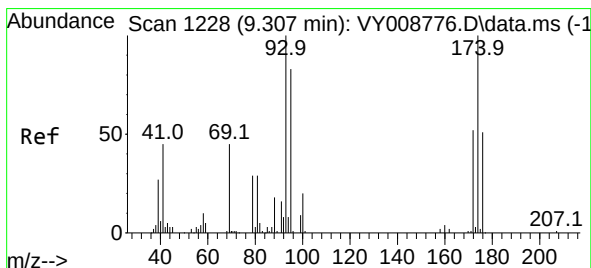
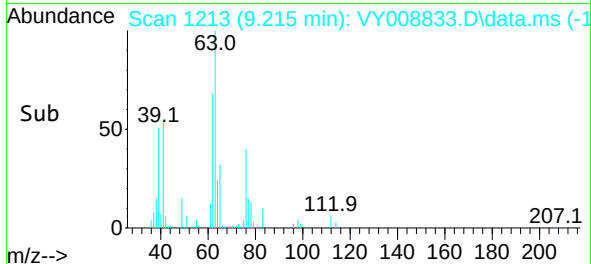
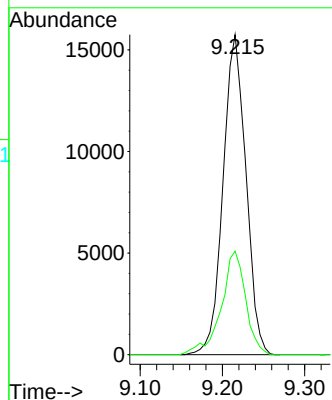
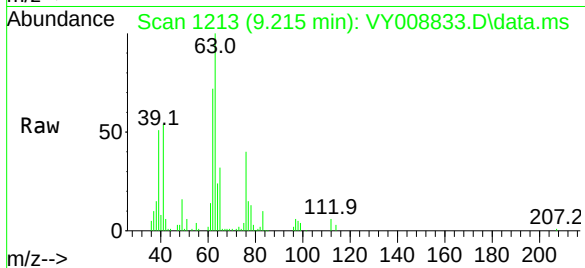
VY0518SBS02

Tgt Ion: 63 Resp: 30436

Ion Ratio Lower Upper

63 100

65 32.4 23.0 34.6



#46

Dibromomethane

Concen: 20.478 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

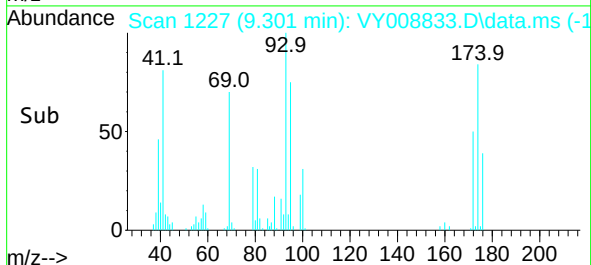
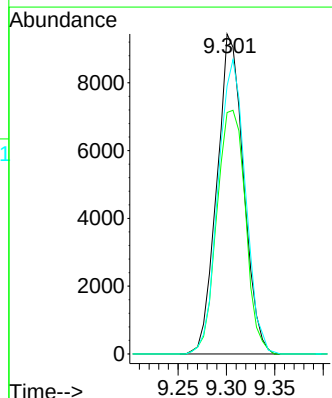
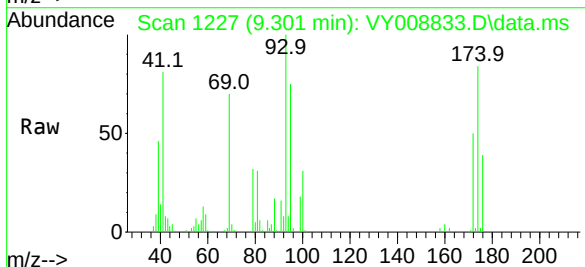
Tgt Ion: 93 Resp: 18007

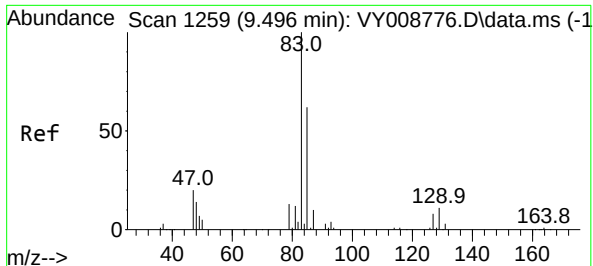
Ion Ratio Lower Upper

93 100

95 81.9 64.3 96.5

174 94.4 83.4 125.0





#47

Bromodichloromethane

Concen: 22.014 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

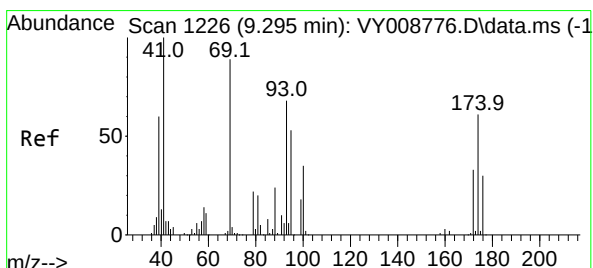
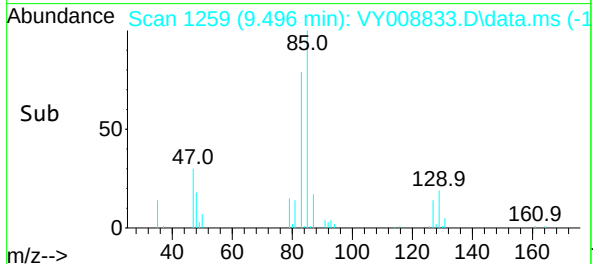
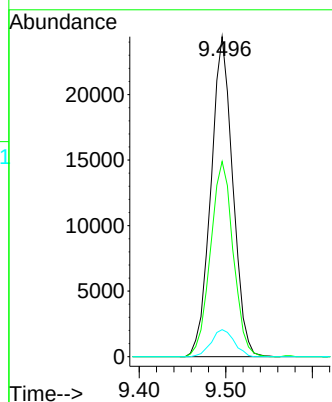
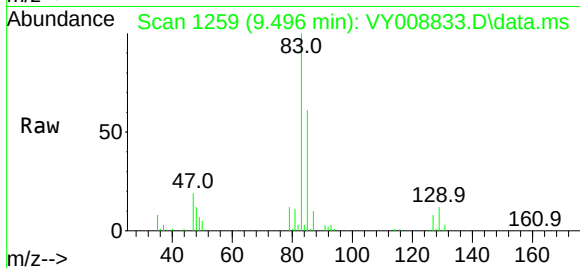
Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS02

Tgt Ion: 83	Resp: 42914
Ion Ratio	Lower Upper
83 100	
85 61.0	51.9 77.9
127 8.5	6.6 10.0



#48

Methyl methacrylate

Concen: 19.267 ug/l

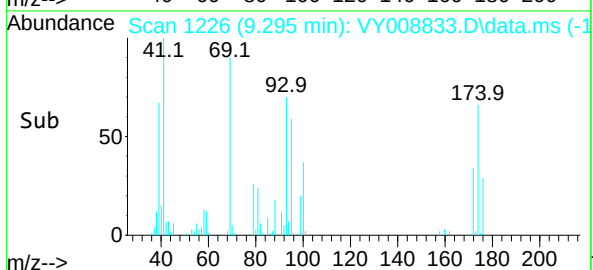
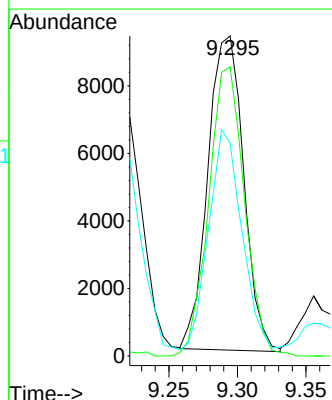
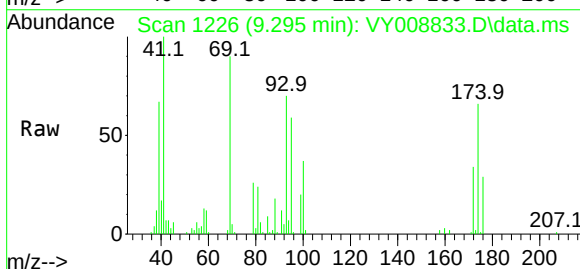
RT: 9.295 min Scan# 1226

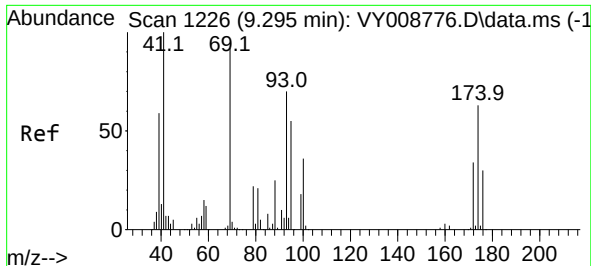
Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

Tgt Ion: 41	Resp: 16889
Ion Ratio	Lower Upper
41 100	
69 91.7	58.2 87.2#
39 65.8	47.4 71.0





#49

1,4-Dioxane

Concen: 343.348 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS02

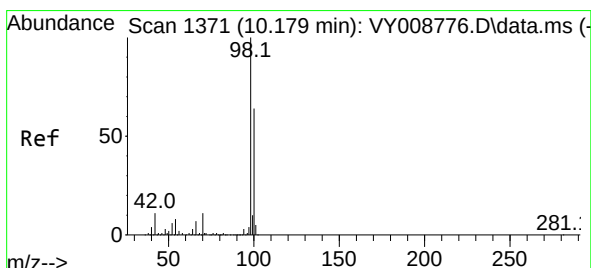
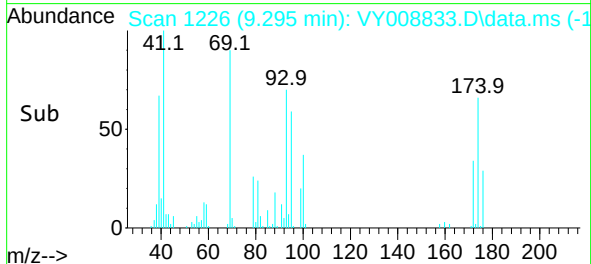
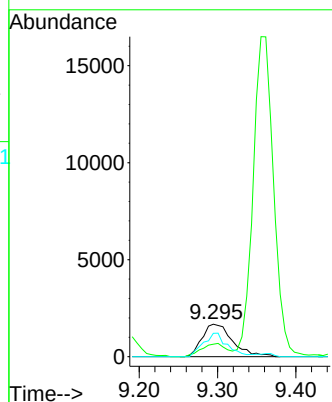
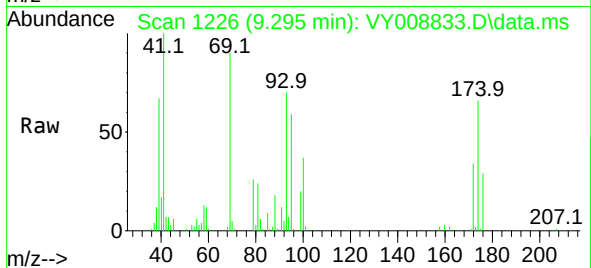
Tgt Ion: 88 Resp: 4535

Ion Ratio Lower Upper

88 100

43 33.3 32.8 49.2

58 57.3 59.8 89.6#



#50

Toluene-d8

Concen: 50.970 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008833.D

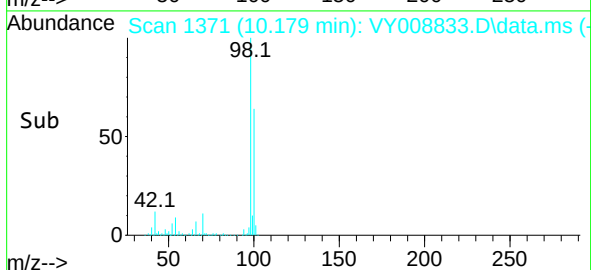
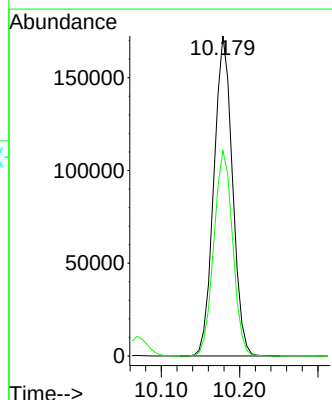
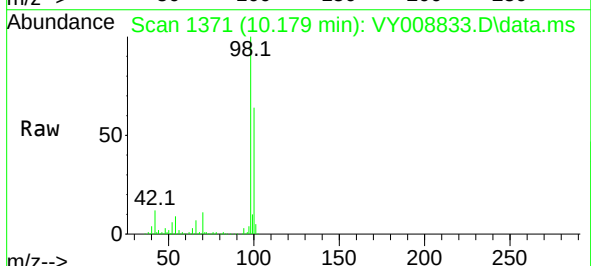
Acq: 18 May 2022 23:27

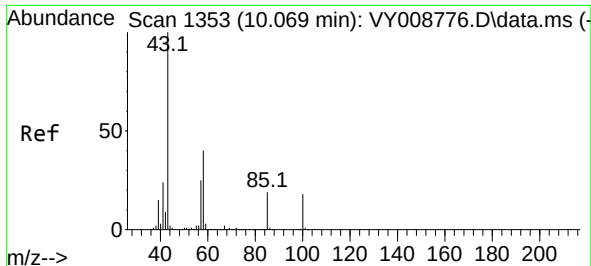
Tgt Ion: 98 Resp: 285031

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2

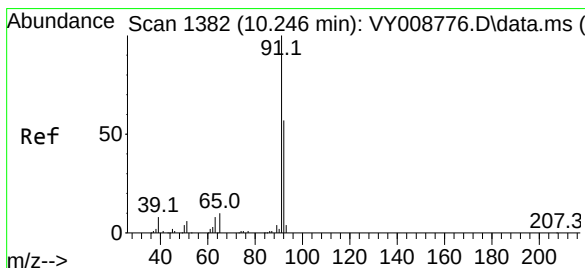
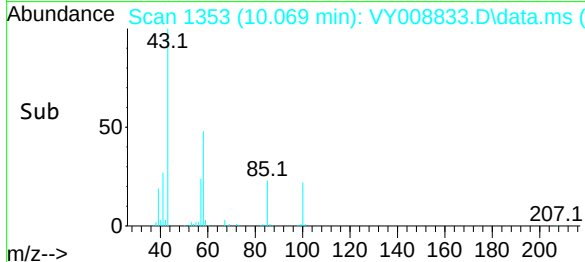
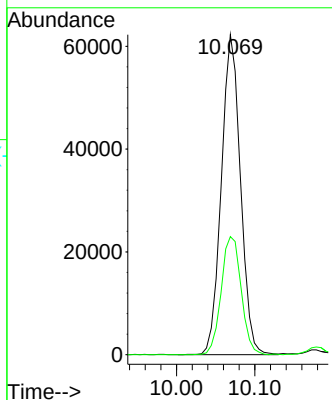
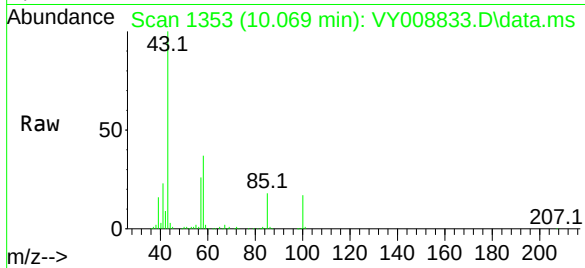




#51
4-Methyl-2-Pentanone
Concen: 89.739 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

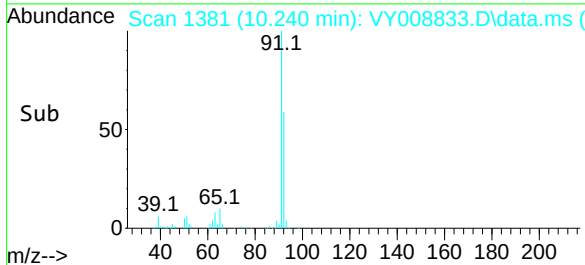
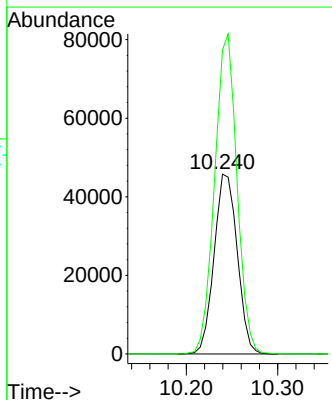
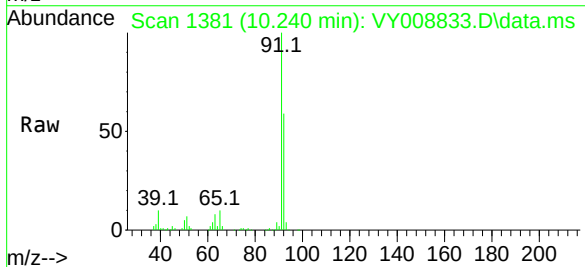
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

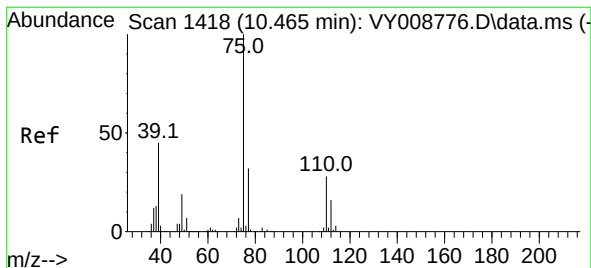
Tgt Ion: 43 Resp: 105760
Ion Ratio Lower Upper
43 100
58 38.5 28.1 42.1



#52
Toluene
Concen: 21.064 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 92 Resp: 80595
Ion Ratio Lower Upper
92 100
91 171.9 142.6 213.8

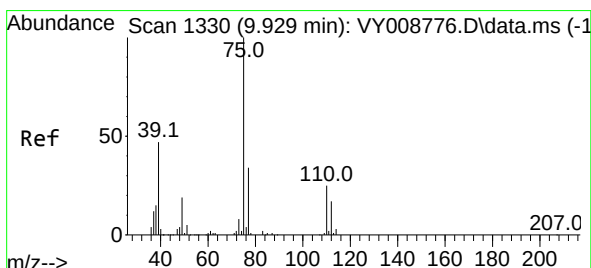
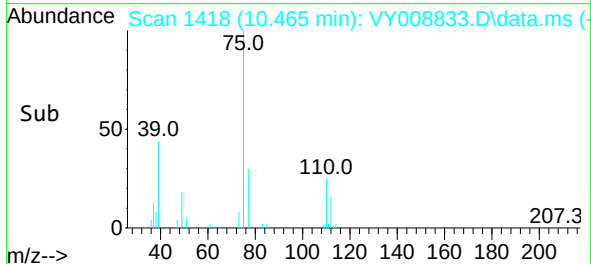
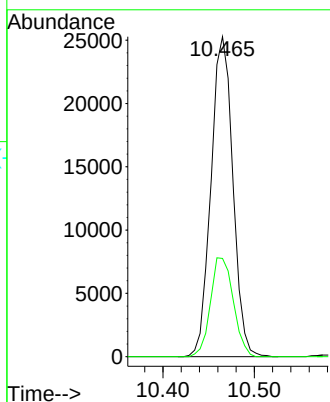
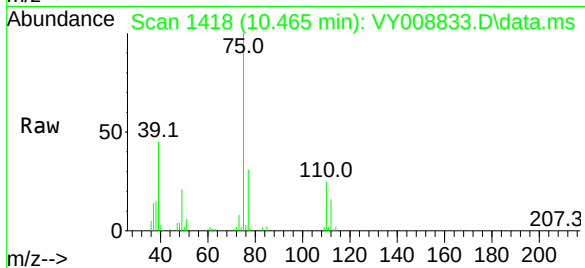




#53
t-1,3-Dichloropropene
Concen: 20.773 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

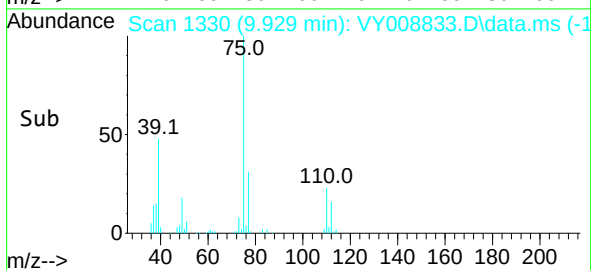
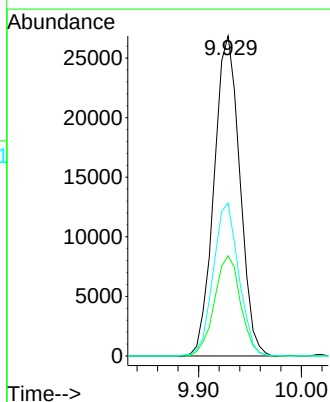
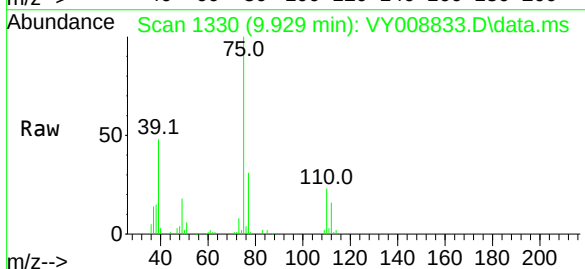
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

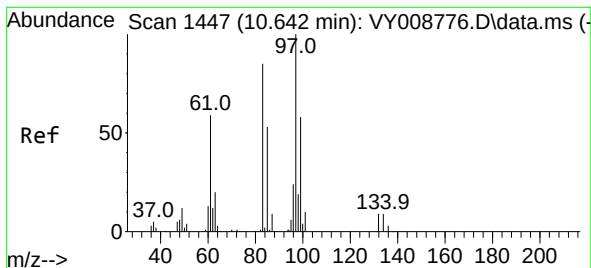
Tgt Ion: 75 Resp: 42063
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 21.396 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 75 Resp: 46719
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4
39 47.8 47.6 71.4

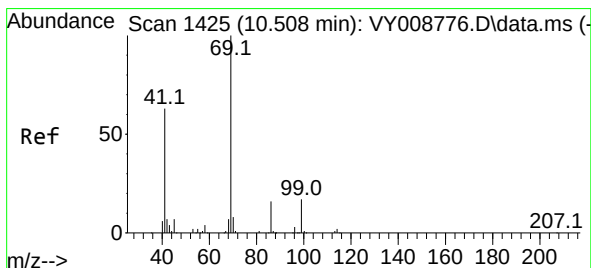
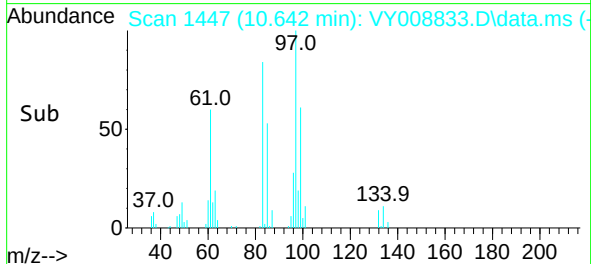
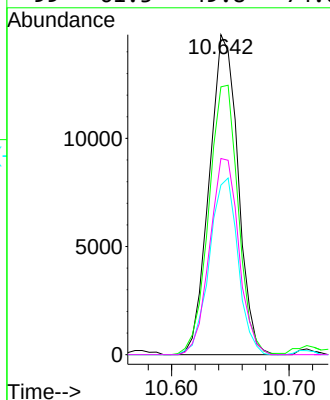
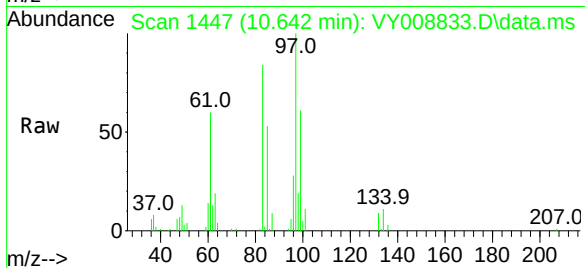




#55
1,1,2-Trichloroethane
Concen: 21.030 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

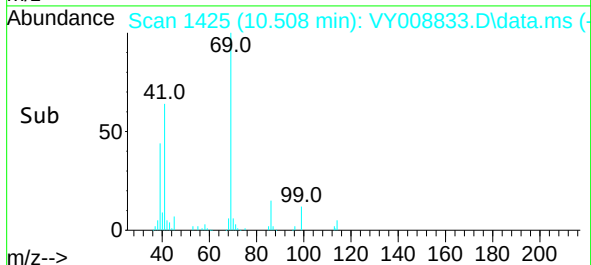
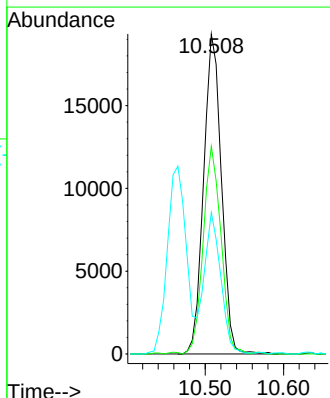
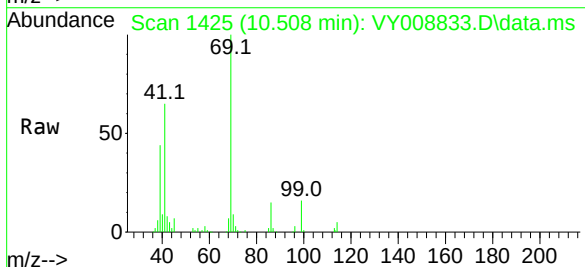
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

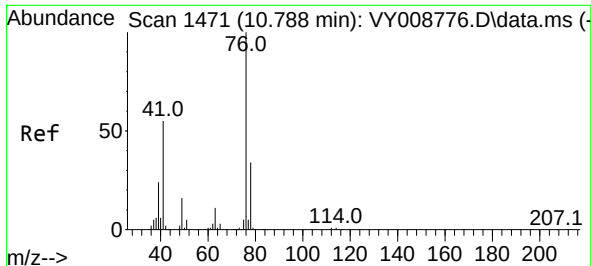
Tgt Ion: 97	Resp: 25147
Ion Ratio	Lower Upper
97 100	
83 83.4	69.8 104.8
85 53.0	44.3 66.5
99 61.3	49.8 74.6



#56
Ethyl methacrylate
Concen: 20.992 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 69	Resp: 30455
Ion Ratio	Lower Upper
69 100	
41 64.8	63.4 95.0
39 39.5	35.8 53.8





#57

1,3-Dichloropropane

Concen: 21.254 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

Instrument :

MSVOA_Y

ClientSampleId :

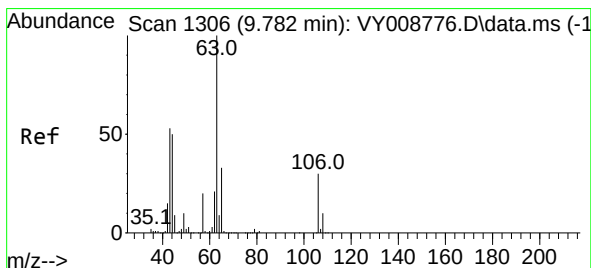
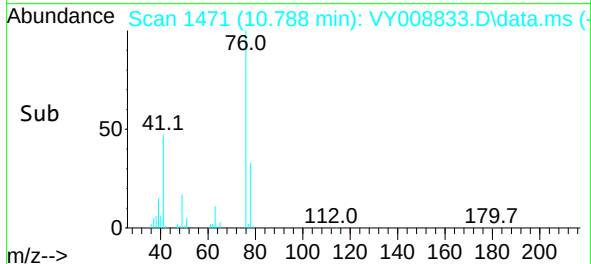
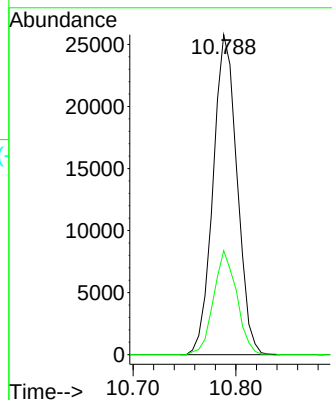
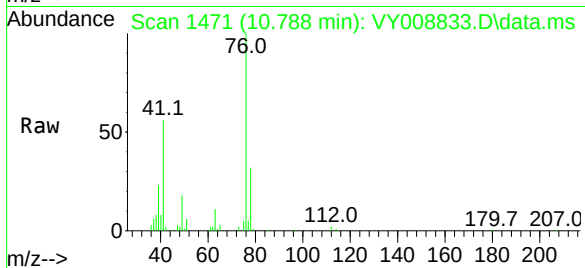
VY0518SBS02

Tgt Ion: 76 Resp: 41789

Ion Ratio Lower Upper

76 100

78 31.5 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 100.436 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY008833.D

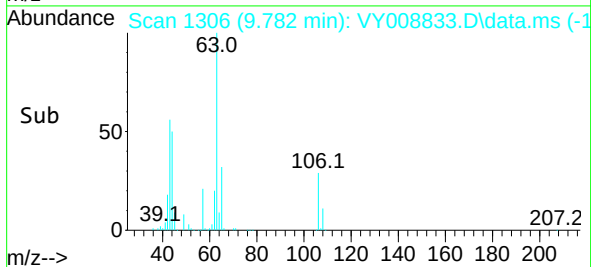
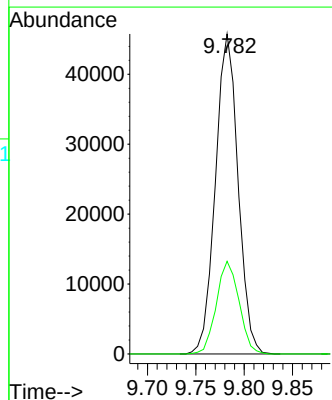
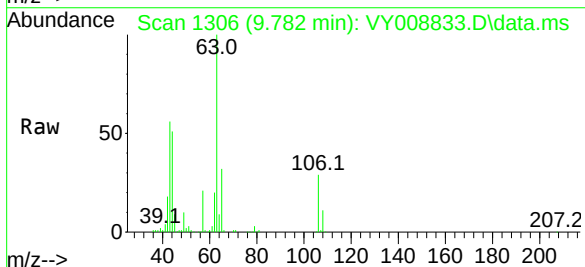
Acq: 18 May 2022 23:27

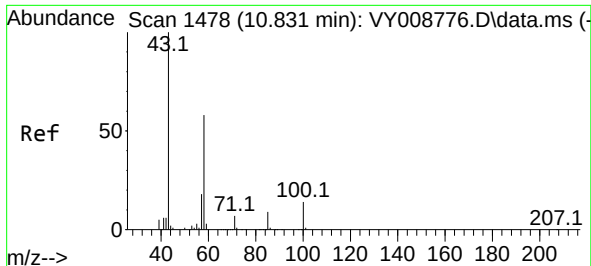
Tgt Ion: 63 Resp: 74303

Ion Ratio Lower Upper

63 100

106 29.0 21.5 32.3

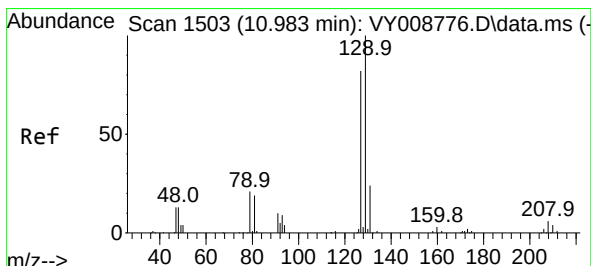
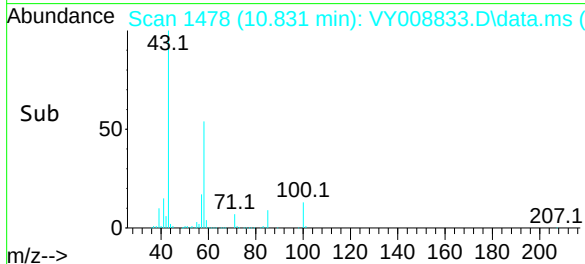
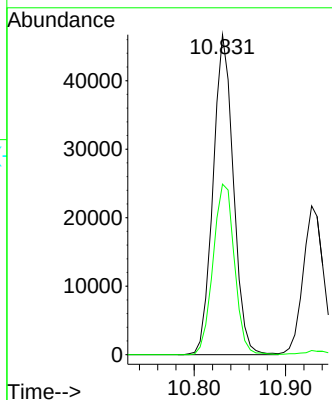
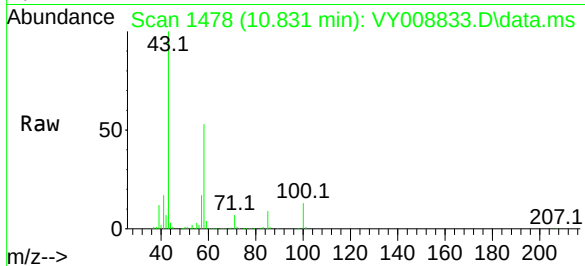




#59
2-Hexanone
Concen: 85.641 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

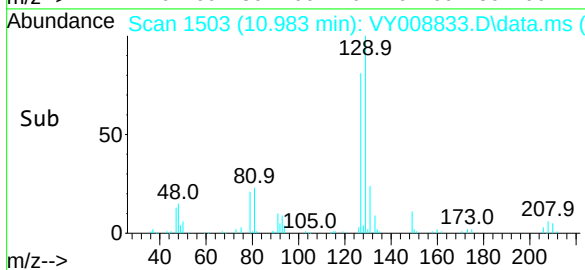
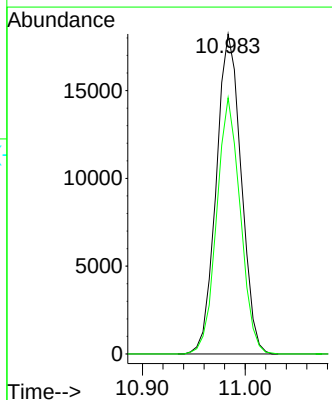
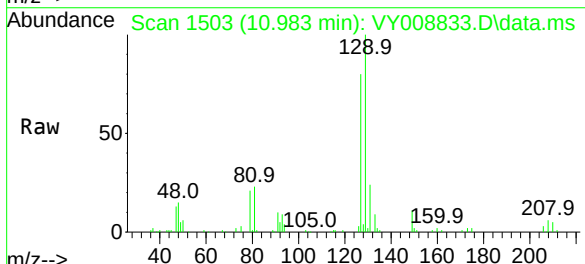
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

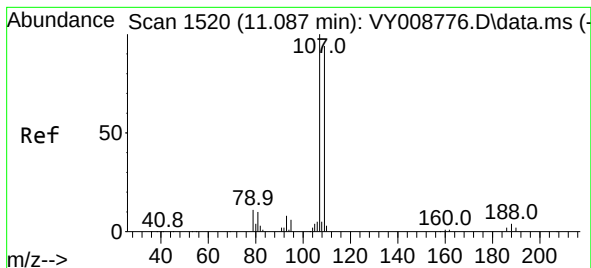
Tgt Ion: 43 Resp: 72116
Ion Ratio Lower Upper
43 100
58 56.0 24.4 73.4



#60
Dibromochloromethane
Concen: 21.389 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 129 Resp: 30704
Ion Ratio Lower Upper
129 100
127 75.9 38.7 116.1

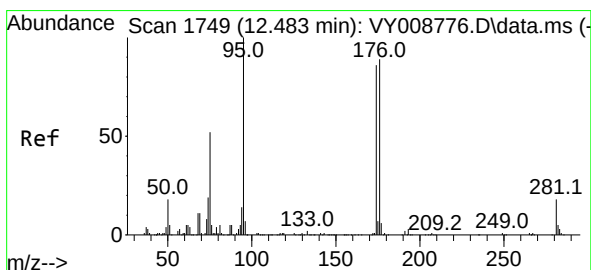
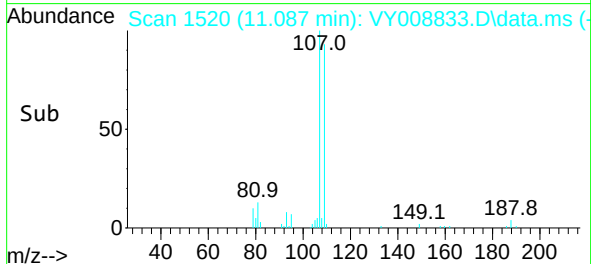
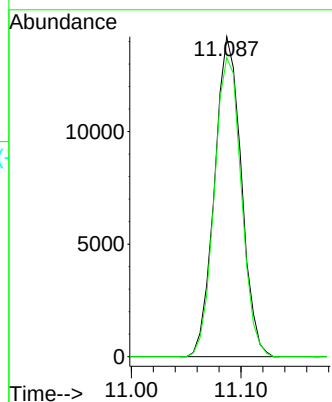
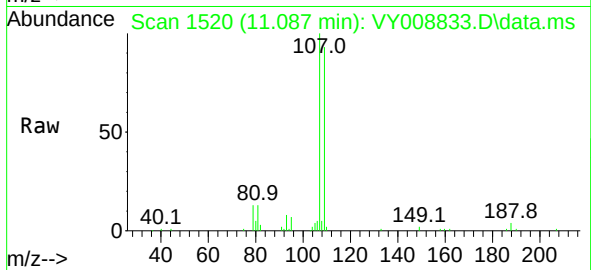




#61
1,2-Dibromoethane
Concen: 20.219 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

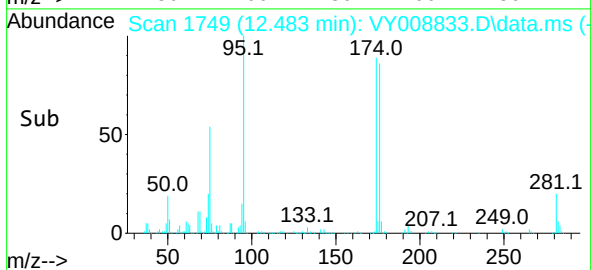
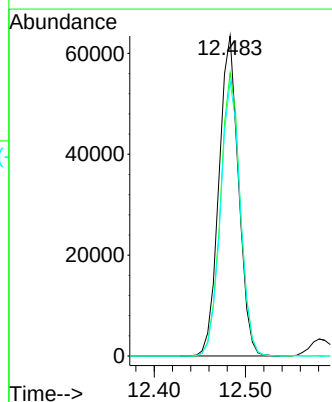
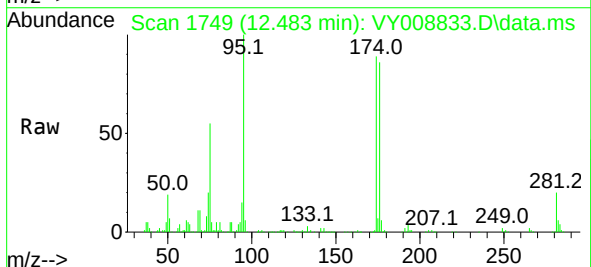
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

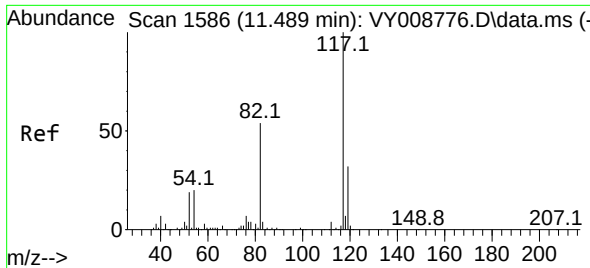
Tgt Ion:107 Resp: 24111
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.602 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 95 Resp: 94516
Ion Ratio Lower Upper
95 100
174 89.5 0.0 177.0
176 86.8 0.0 175.8

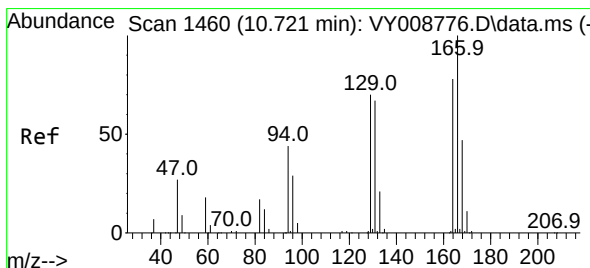
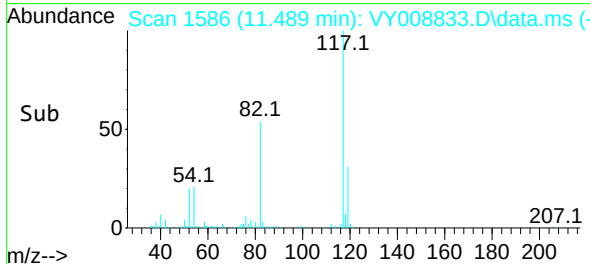
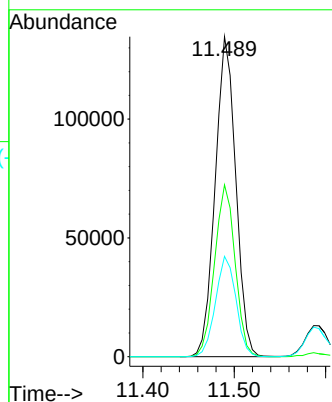
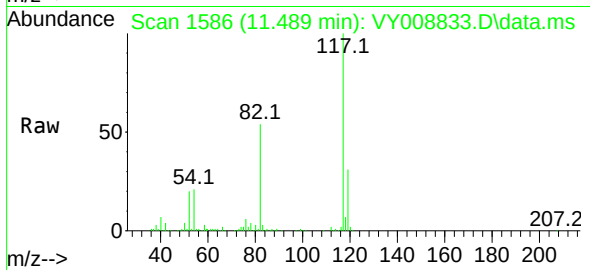




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

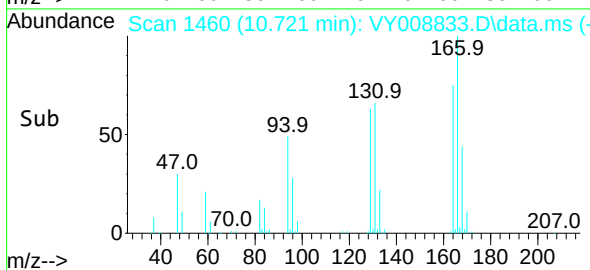
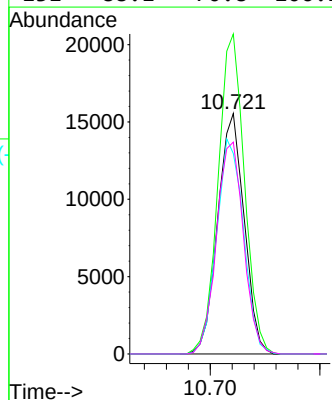
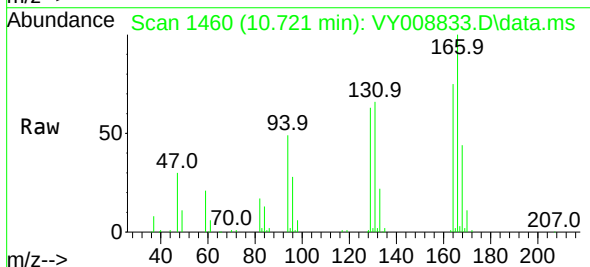
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

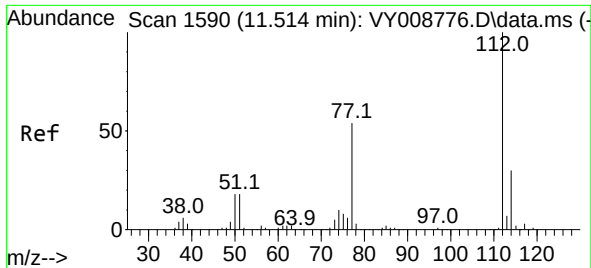
Tgt Ion:	117	Resp:	210950
Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.0	64.4
119	31.4	25.4	38.0



#64
Tetrachloroethene
Concen: 19.305 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion:	164	Resp:	26068
Ion	Ratio	Lower	Upper
164	100		
166	133.1	100.4	150.6
129	83.3	71.4	107.0
131	88.1	70.8	106.2

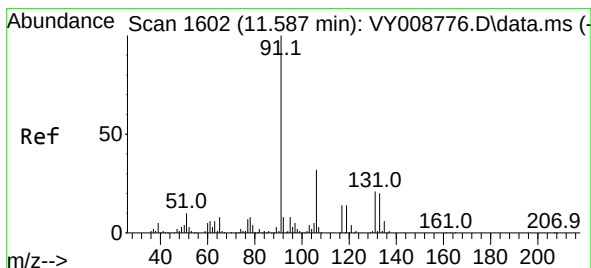
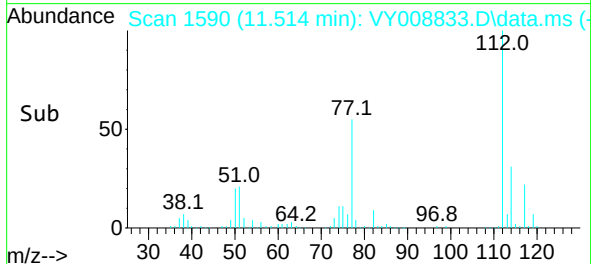
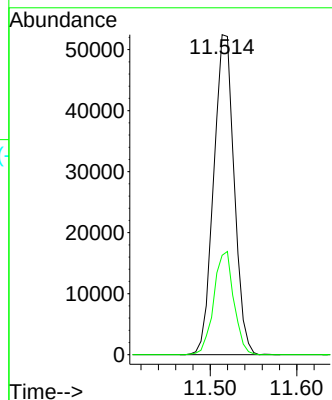
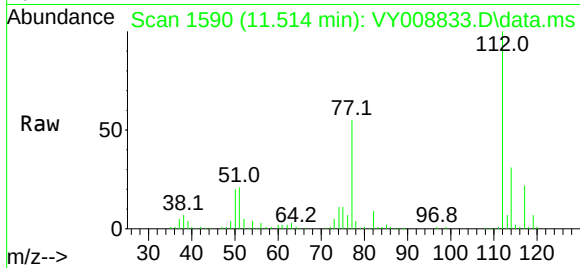




#65
Chlorobenzene
Concen: 20.179 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

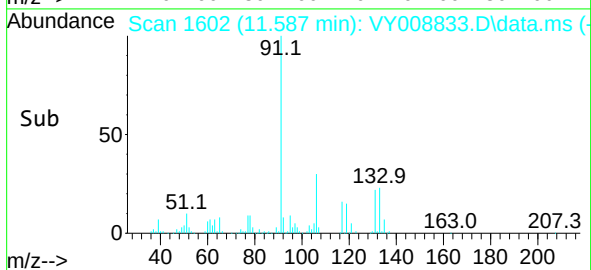
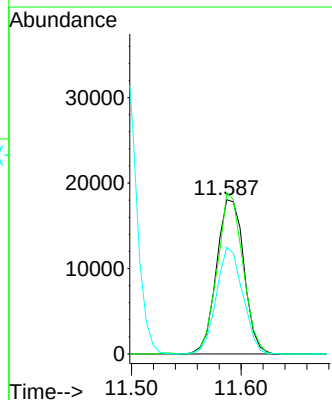
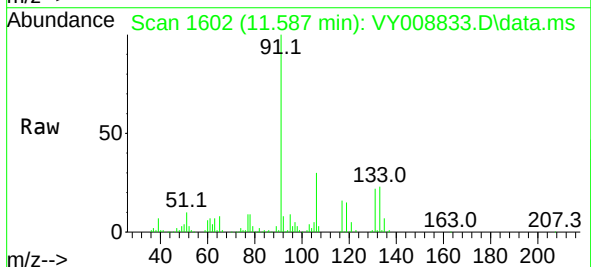
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

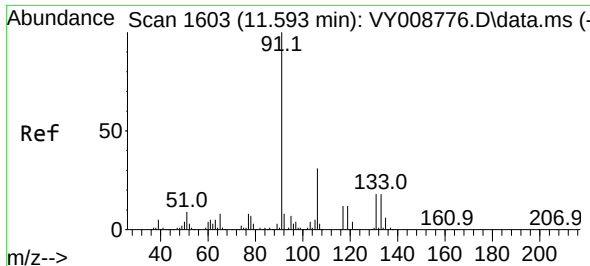
Tgt Ion:112 Resp: 86153
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.120 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion:131 Resp: 31383
Ion Ratio Lower Upper
131 100
133 97.8 47.9 143.6
119 66.5 30.8 92.3

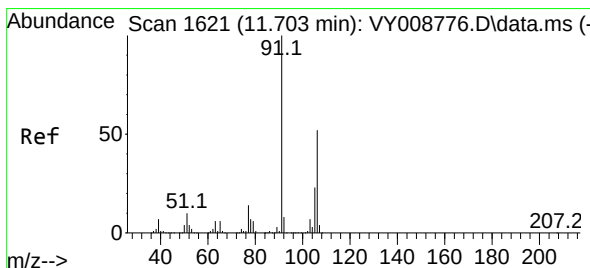
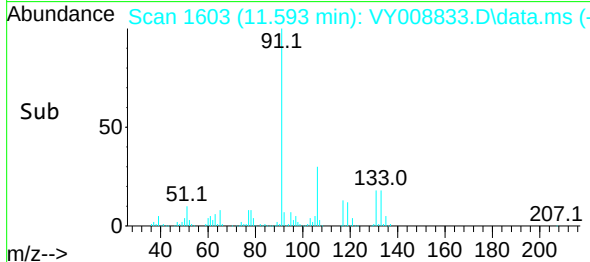
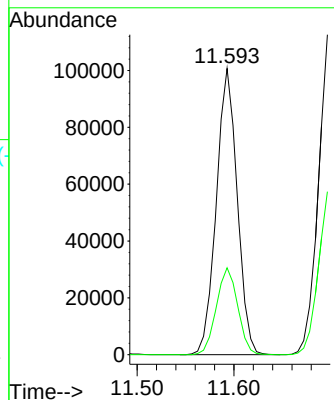
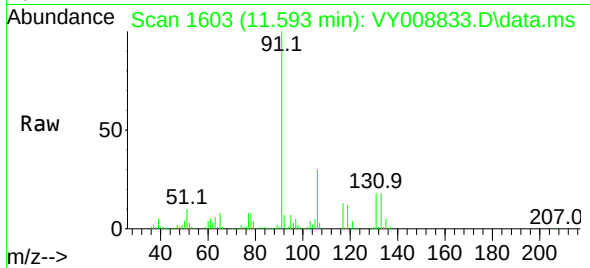




#67
Ethyl Benzene
Concen: 19.811 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

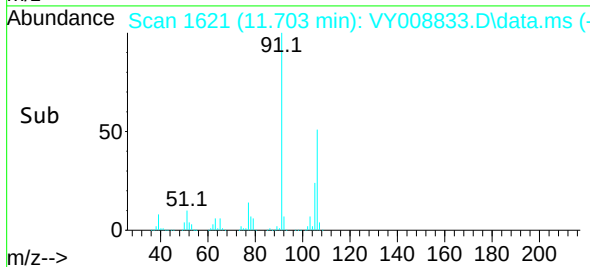
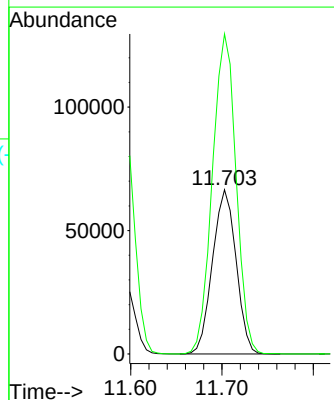
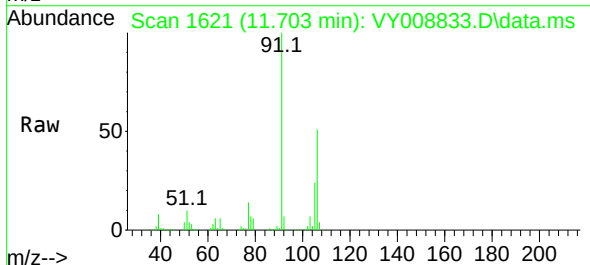
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

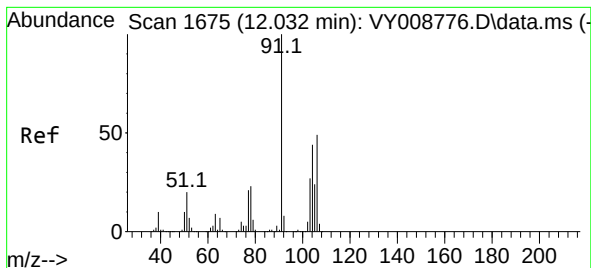
Tgt Ion: 91 Resp: 151048
Ion Ratio Lower Upper
91 100
106 30.4 24.5 36.7



#68
m/p-Xylenes
Concen: 39.265 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 106 Resp: 119264
Ion Ratio Lower Upper
106 100
91 195.6 166.6 249.8





#69

o-Xylene

Concen: 19.929 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

Instrument :

MSVOA_Y

ClientSampleId :

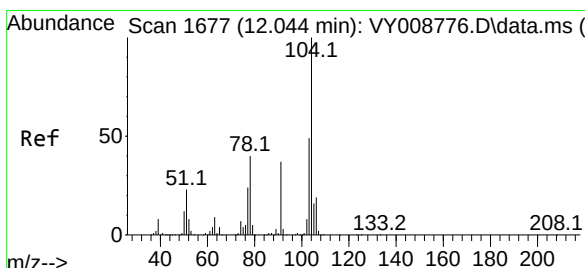
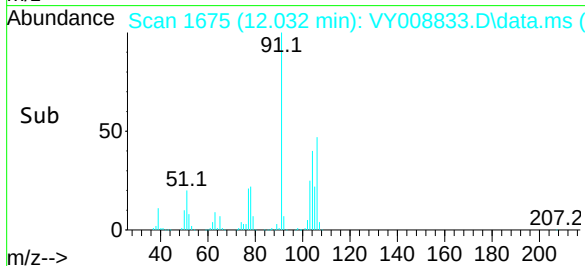
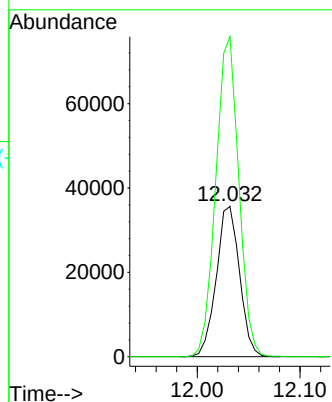
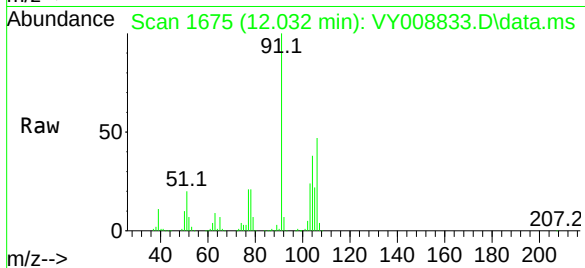
VY0518SBS02

Tgt Ion:106 Resp: 55931

Ion Ratio Lower Upper

106 100

91 210.9 110.3 331.0



#70

Styrene

Concen: 20.368 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

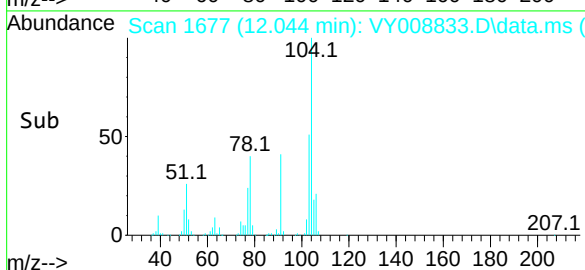
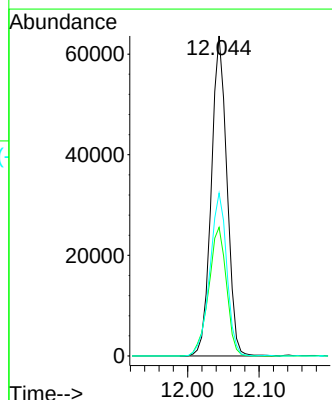
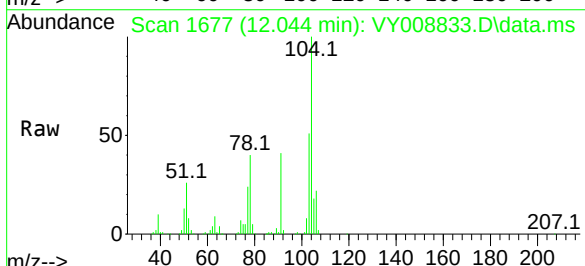
Tgt Ion:104 Resp: 96769

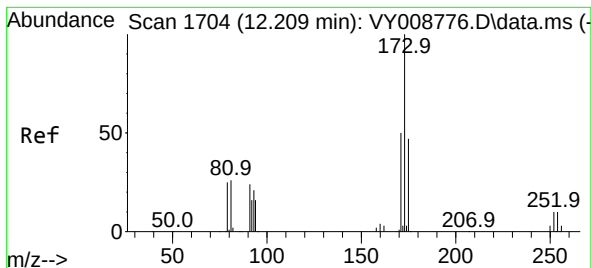
Ion Ratio Lower Upper

104 100

78 45.5 42.4 63.6

103 54.9 44.4 66.6





#71

Bromoform

Concen: 17.535 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS02

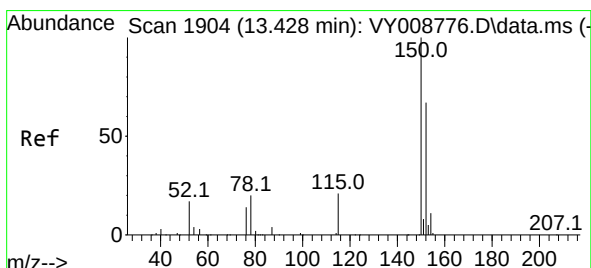
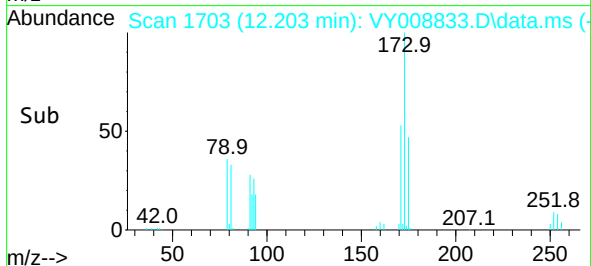
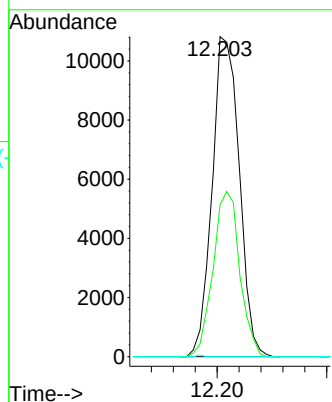
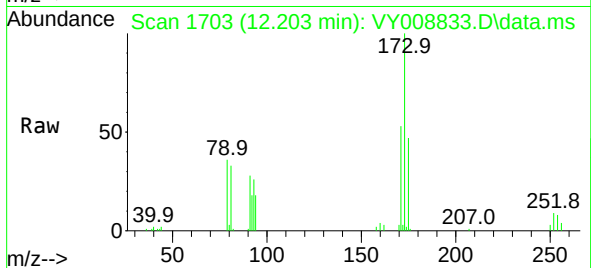
Tgt Ion:173 Resp: 18567

Ion Ratio Lower Upper

173 100

175 50.9 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

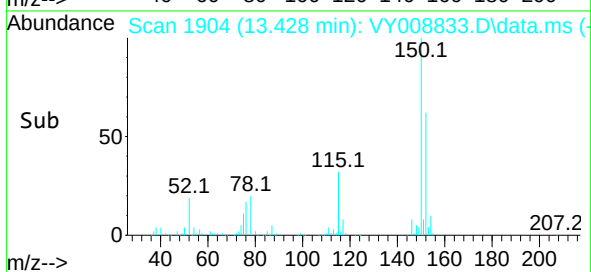
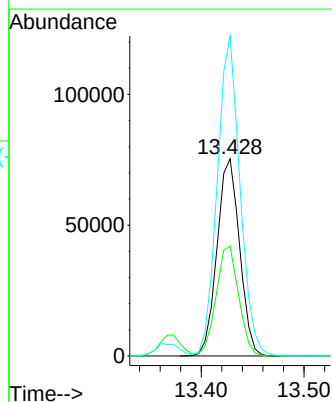
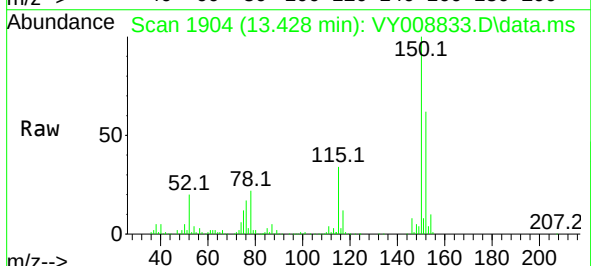
Tgt Ion:152 Resp: 114684

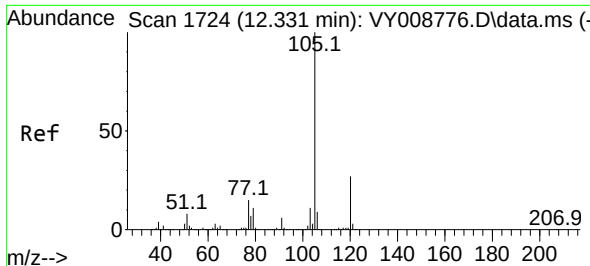
Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.7

150 163.4 0.0 347.6

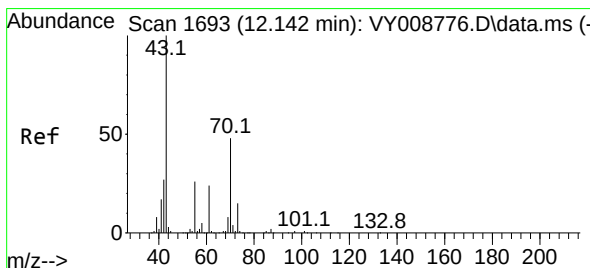
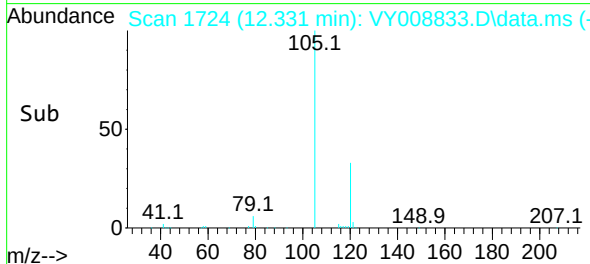
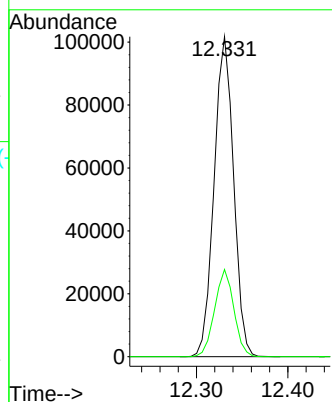
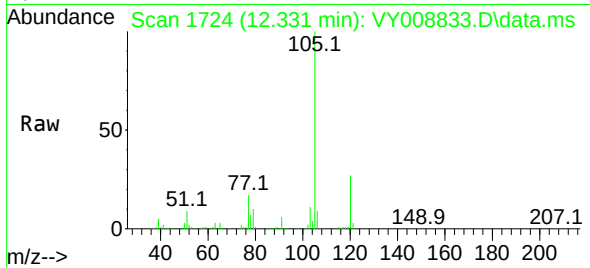




#73
Isopropylbenzene
Concen: 19.139 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

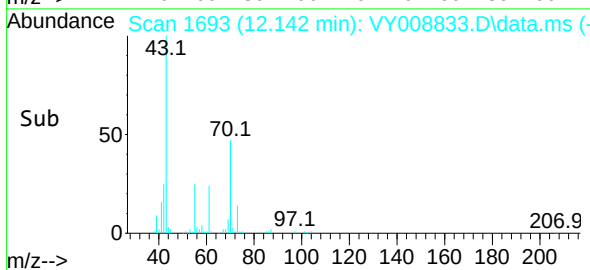
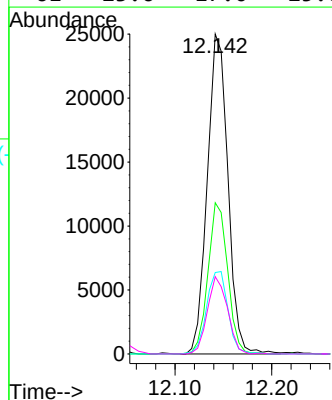
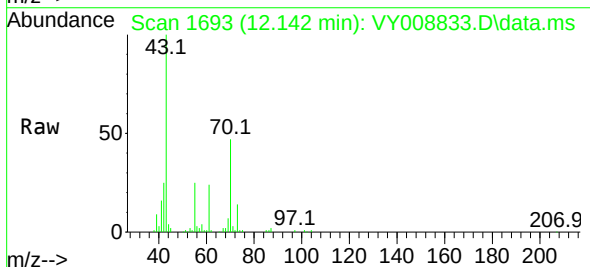
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

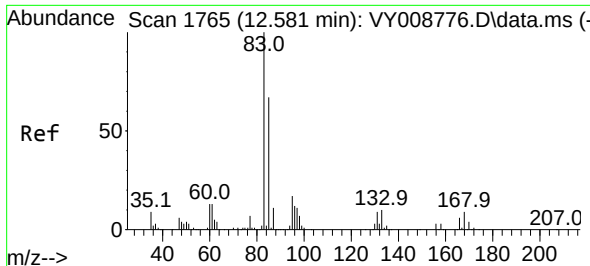
Tgt Ion:105 Resp: 150534
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2



#74
N-ethyl acetate
Concen: 19.798 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 43 Resp: 37169
Ion Ratio Lower Upper
43 100
70 45.1 28.7 43.1#
55 26.7 17.3 25.9#
61 23.6 17.0 25.6

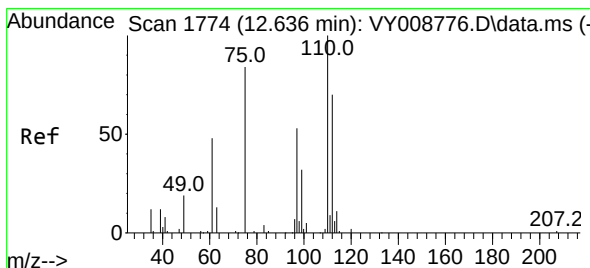
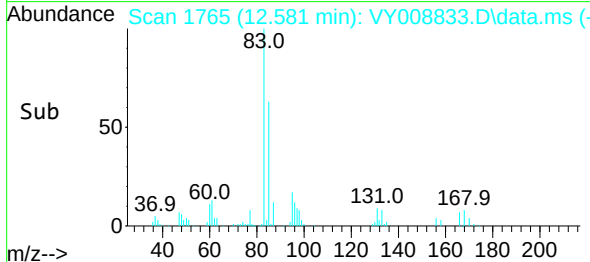
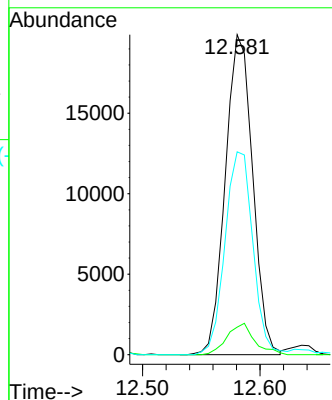
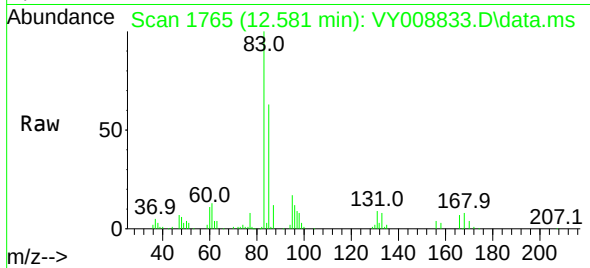




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.395 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY008833.D
 Acq: 18 May 2022 23:27

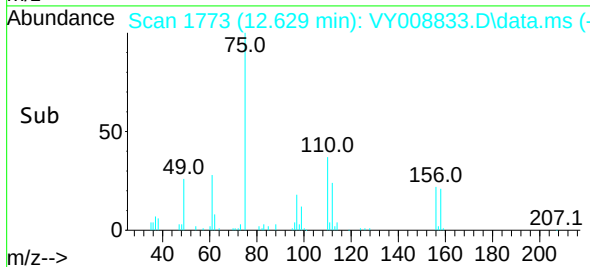
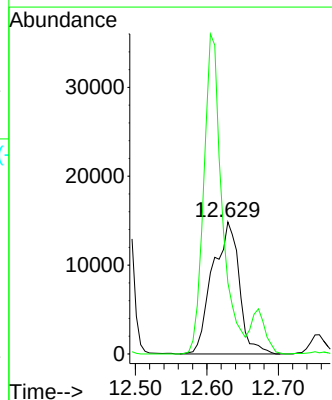
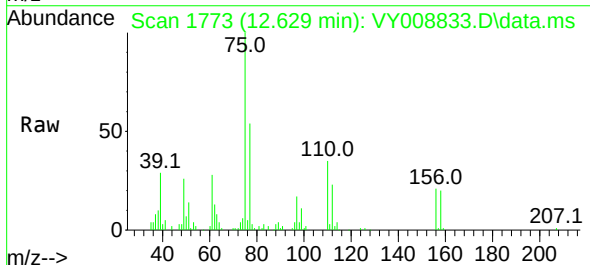
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS02

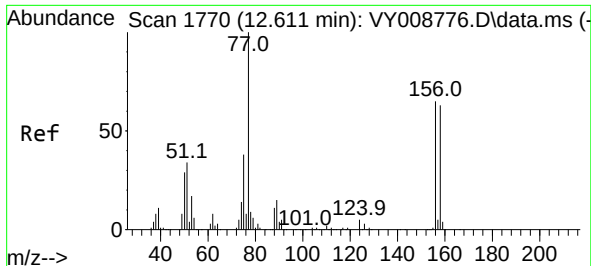
Tgt Ion: 83 Resp: 32165
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.6 16.8
 85 64.7 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 29.158 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VY008833.D
 Acq: 18 May 2022 23:27

Tgt Ion: 75 Resp: 38627
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

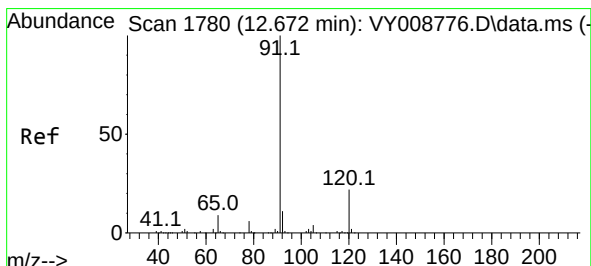
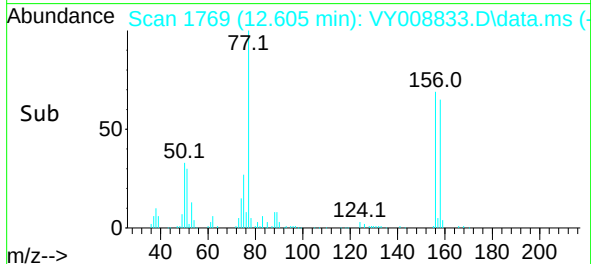
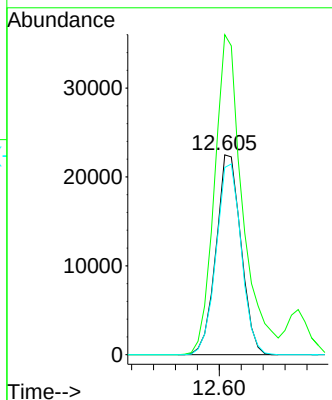
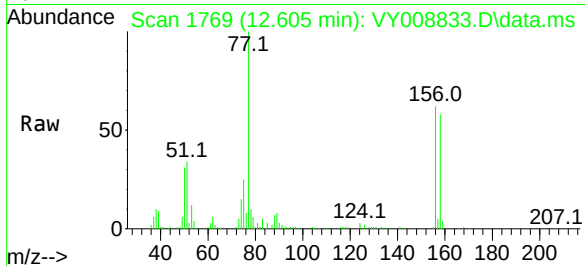




#77
Bromobenzene
Concen: 19.497 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

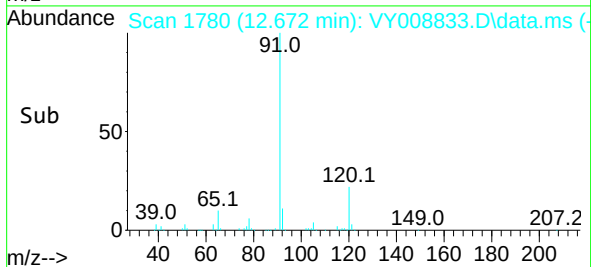
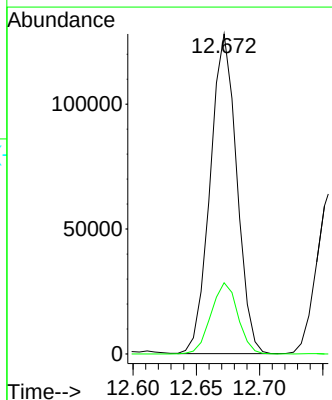
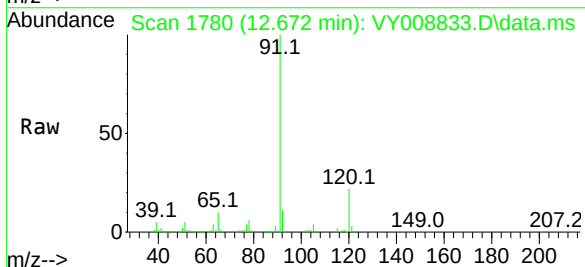
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

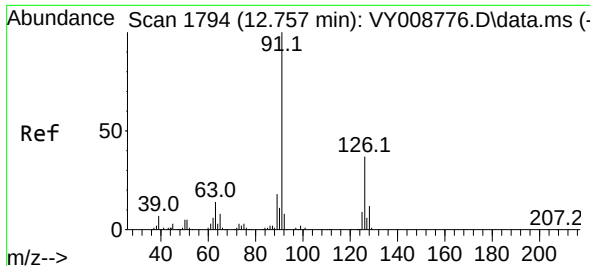
Tgt Ion:156 Resp: 35534
Ion Ratio Lower Upper
156 100
77 180.1 95.5 286.4
158 96.3 48.0 144.0



#78
n-propylbenzene
Concen: 19.361 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 91 Resp: 187084
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9

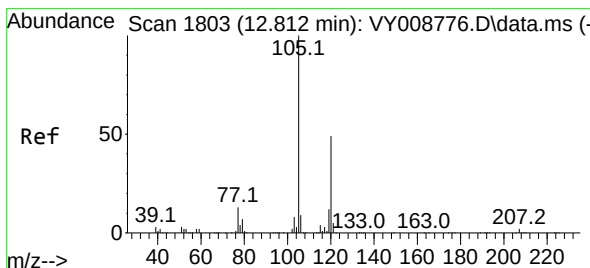
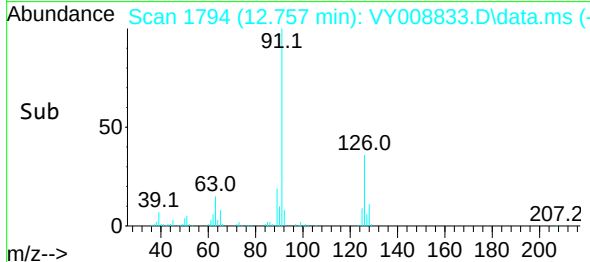
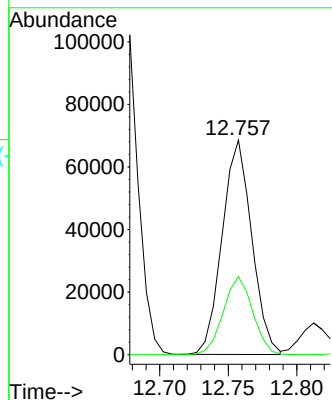
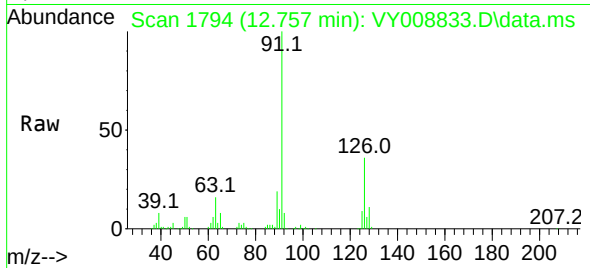




#79
2-Chlorotoluene
Concen: 19.667 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

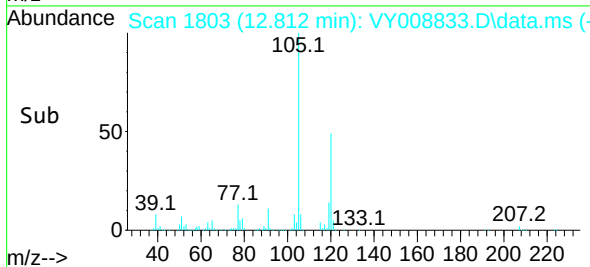
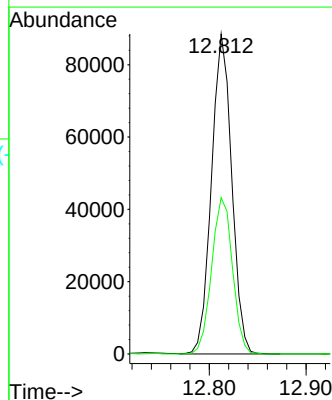
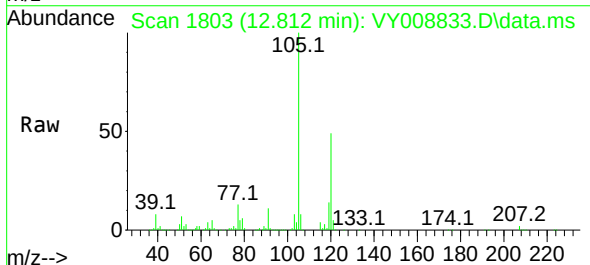
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

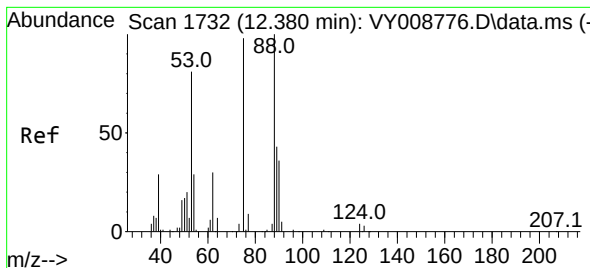
Tgt Ion: 91 Resp: 102930
Ion Ratio Lower Upper
91 100
126 36.2 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 20.273 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 105 Resp: 128742
Ion Ratio Lower Upper
105 100
120 50.2 24.4 73.4

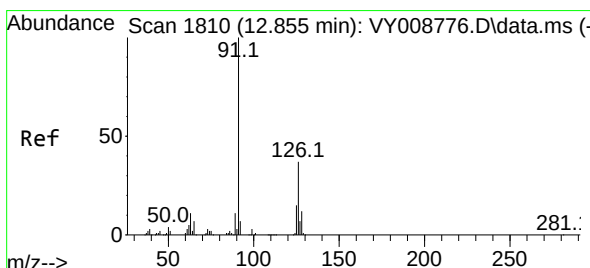
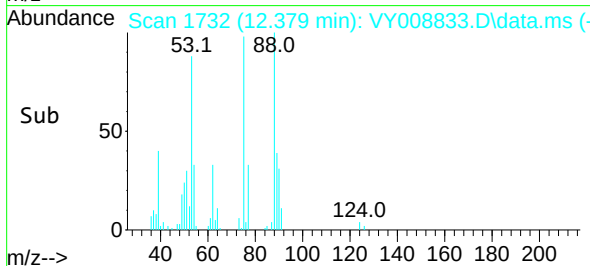
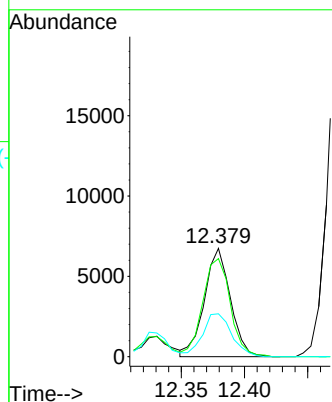
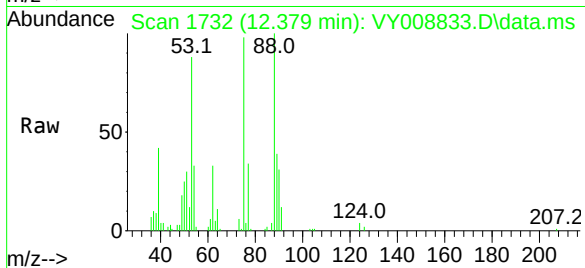




#81
trans-1,4-Dichloro-2-butene
Concen: 15.930 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

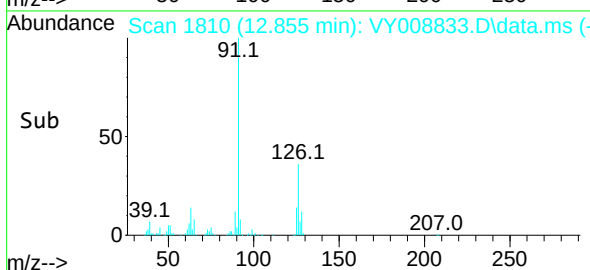
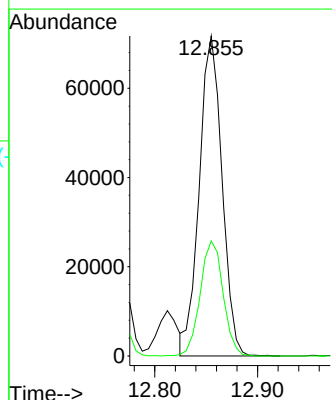
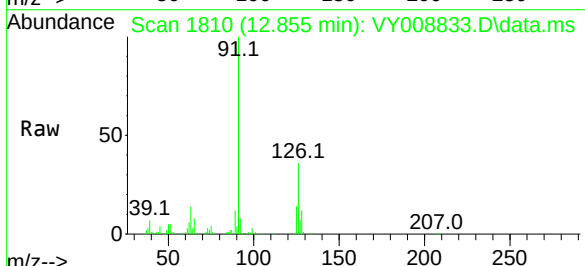
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

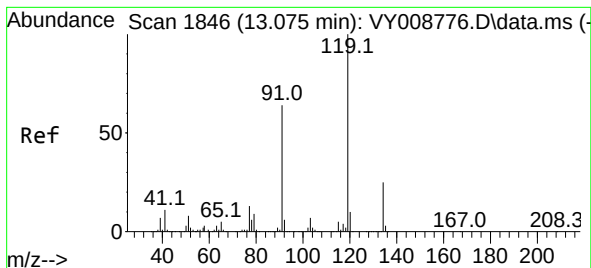
Tgt Ion: 75 Resp: 9648
Ion Ratio Lower Upper
75 100
53 96.1 85.3 127.9
89 44.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.962 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 91 Resp: 110370
Ion Ratio Lower Upper
91 100
126 36.2 17.0 51.0





#83

tert-Butylbenzene

Concen: 20.029 ug/l

RT: 13.074 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS02

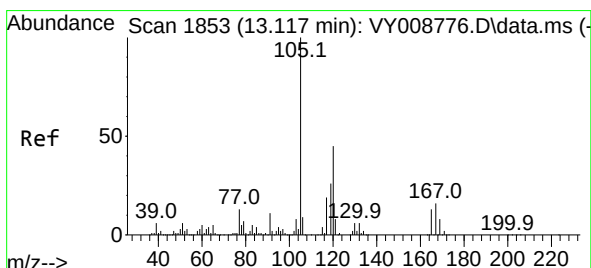
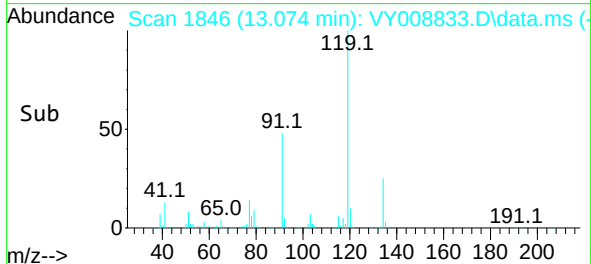
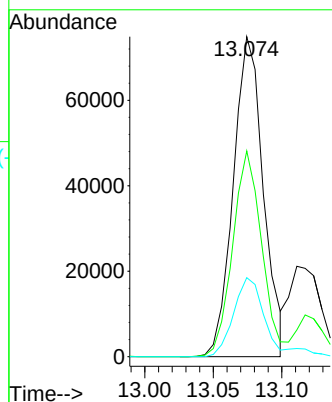
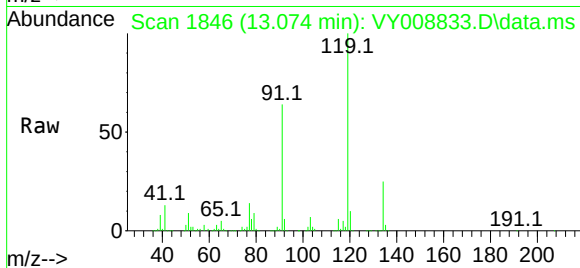
Tgt Ion:119 Resp: 114390

Ion Ratio Lower Upper

119 100

91 62.6 34.8 104.4

134 26.6 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 20.790 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY008833.D

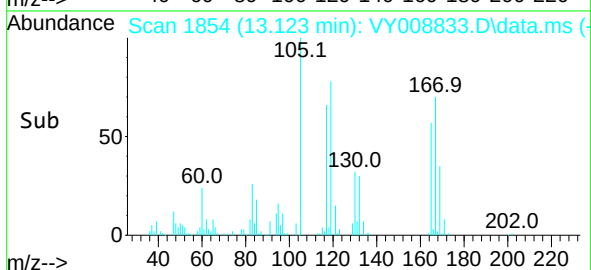
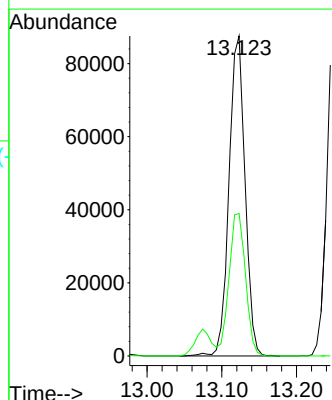
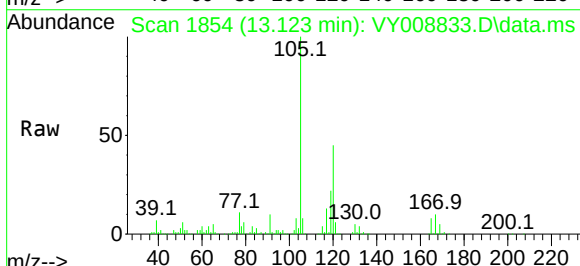
Acq: 18 May 2022 23:27

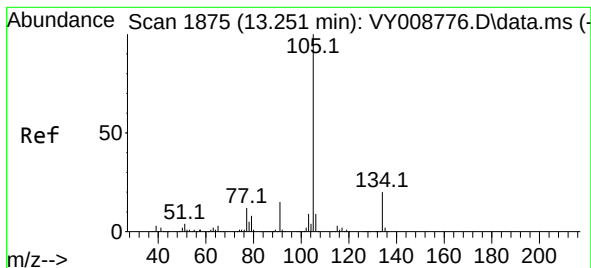
Tgt Ion:105 Resp: 130706

Ion Ratio Lower Upper

105 100

120 45.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.023 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

Instrument :

MSVOA_Y

ClientSampleId :

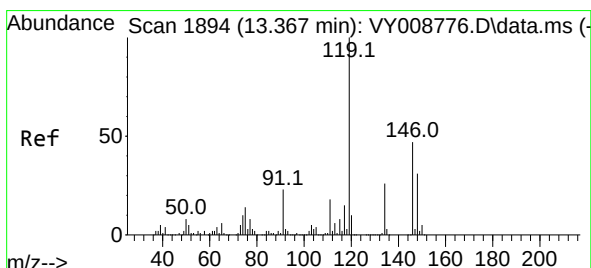
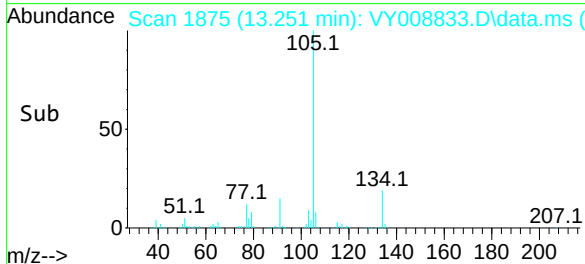
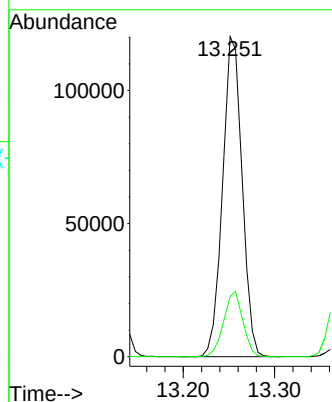
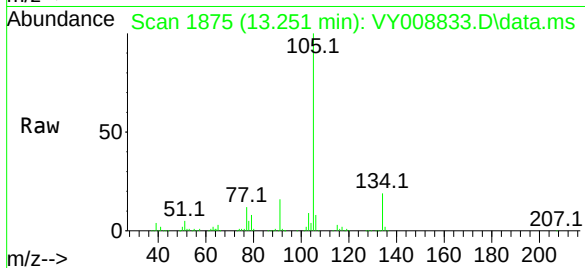
VY0518SBS02

Tgt Ion:105 Resp: 178415

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.083 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

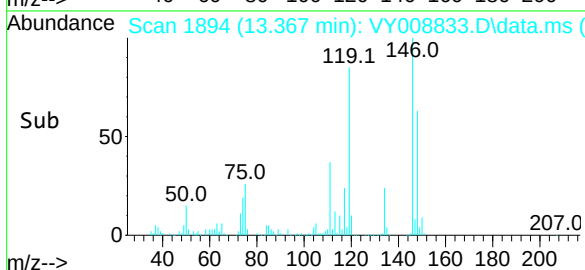
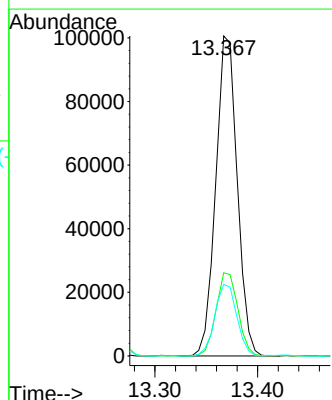
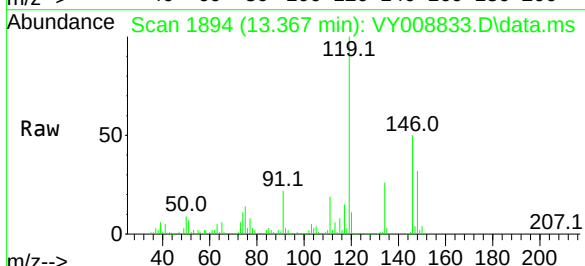
Tgt Ion:119 Resp: 145913

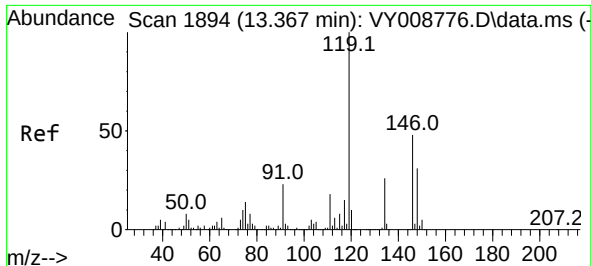
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 23.0 12.4 37.2

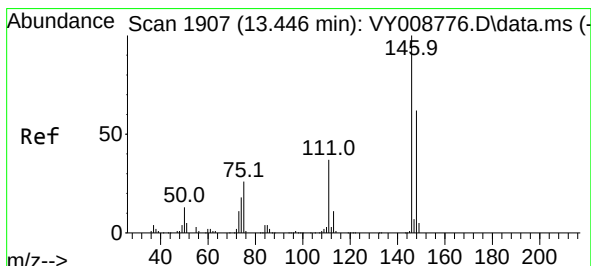
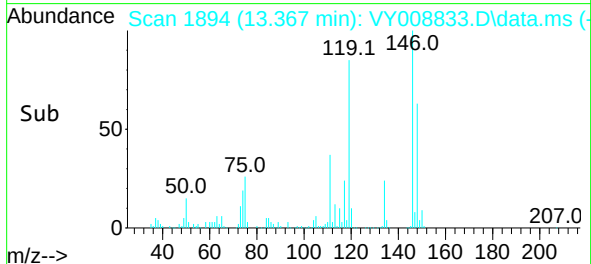
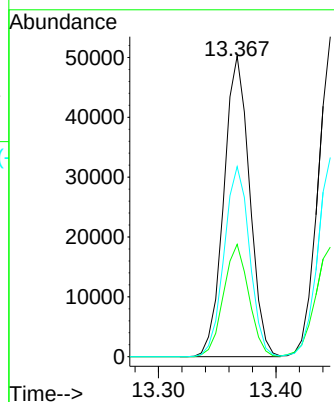
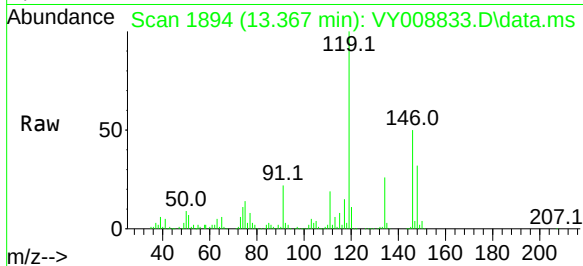




#87
1,3-Dichlorobenzene
Concen: 19.997 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

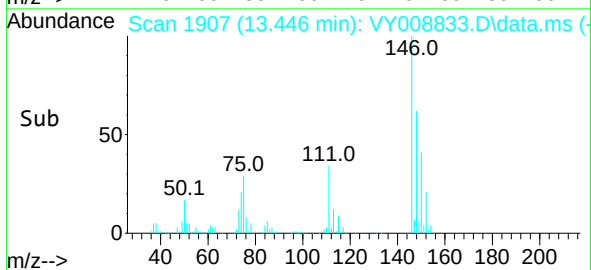
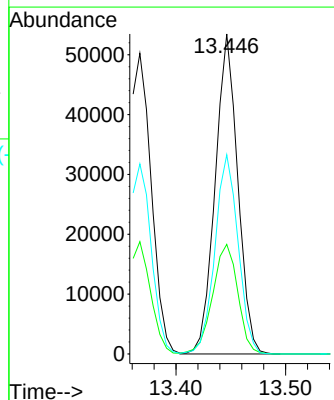
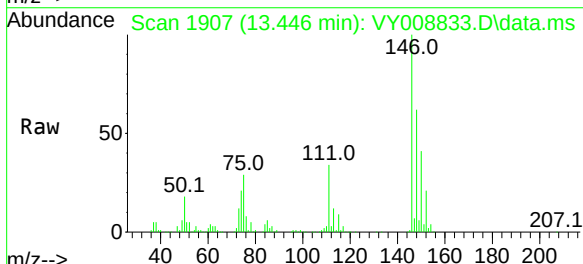
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

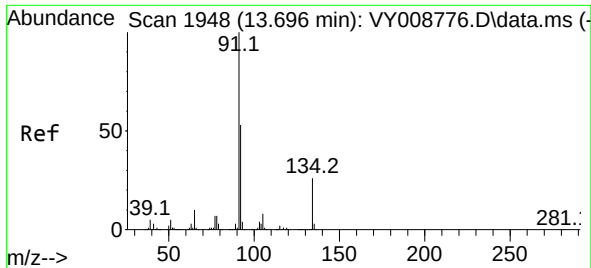
Tgt Ion:146 Resp: 76578
Ion Ratio Lower Upper
146 100
111 36.8 19.5 58.5
148 62.5 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 20.250 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion:146 Resp: 76701
Ion Ratio Lower Upper
146 100
111 38.1 19.3 57.8
148 64.0 32.6 97.8

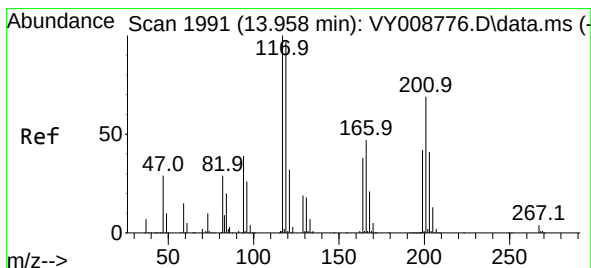
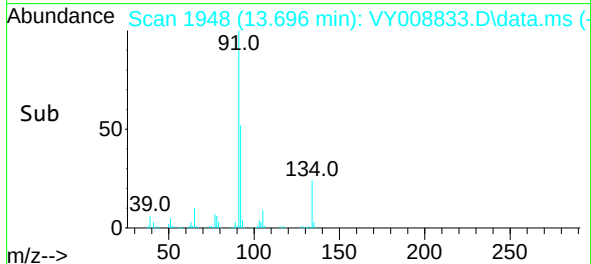
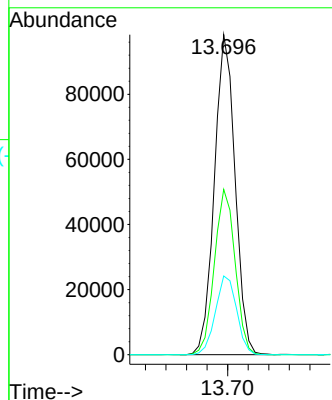
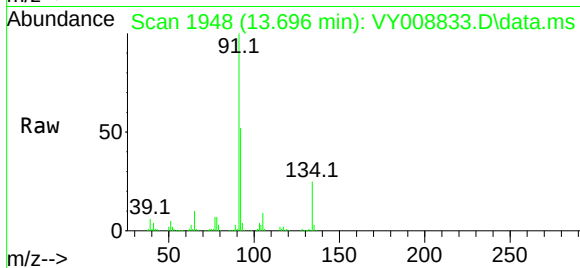




#89
n-Butylbenzene
Concen: 19.922 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

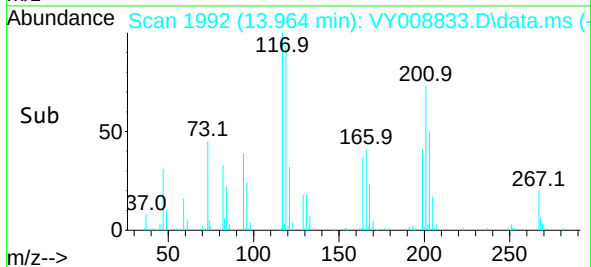
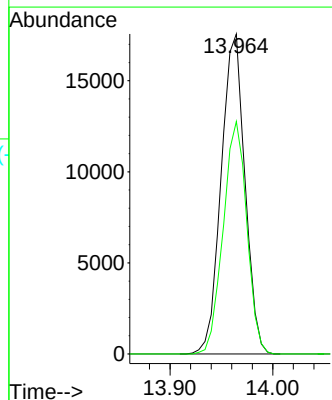
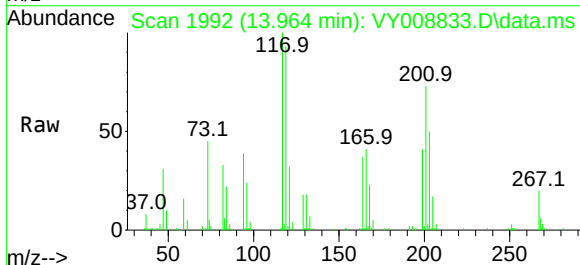
Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

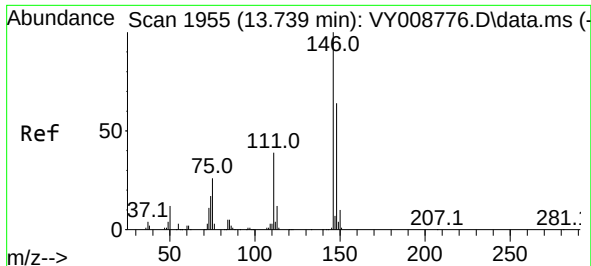
Tgt Ion: 91 Resp: 137390
Ion Ratio Lower Upper
91 100
92 51.8 26.3 78.9
134 25.2 13.0 38.9



#90
Hexachloroethane
Concen: 20.487 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion: 117 Resp: 28143
Ion Ratio Lower Upper
117 100
201 72.1 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 20.185 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS02

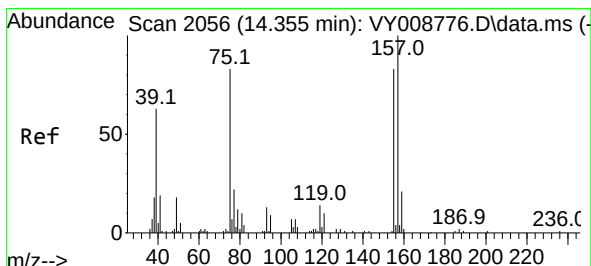
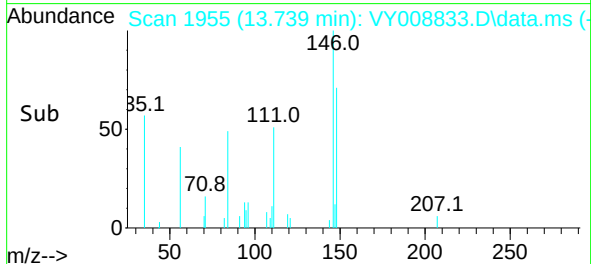
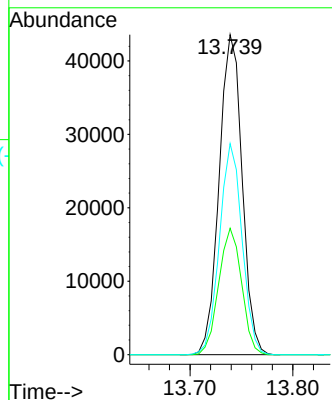
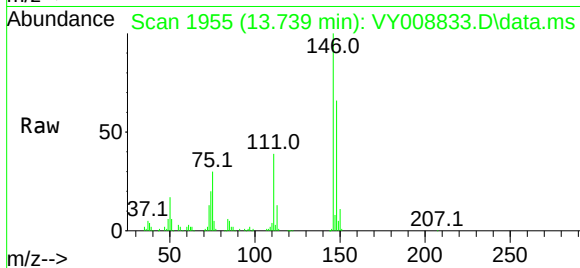
Tgt Ion:146 Resp: 67594

Ion Ratio Lower Upper

146 100

111 39.2 20.3 60.9

148 64.9 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.509 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

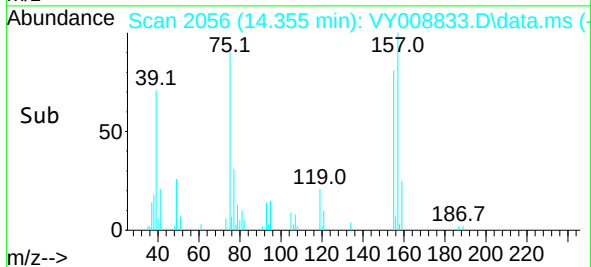
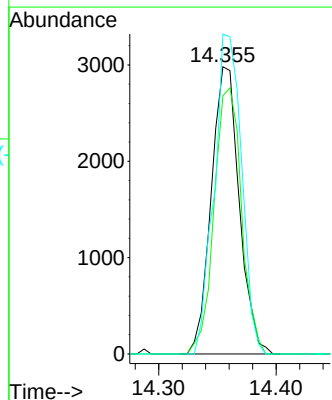
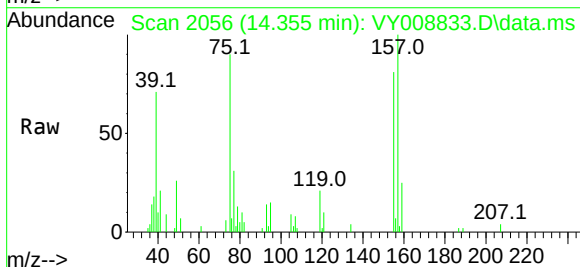
Tgt Ion: 75 Resp: 4936

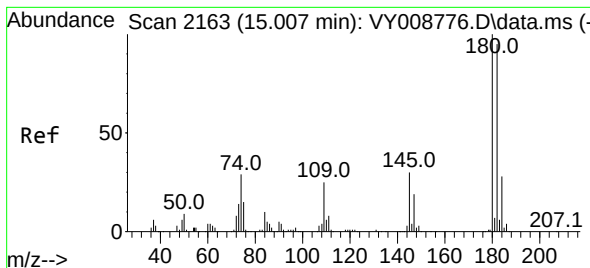
Ion Ratio Lower Upper

75 100

155 90.7 38.0 113.9

157 109.2 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 20.115 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBS02

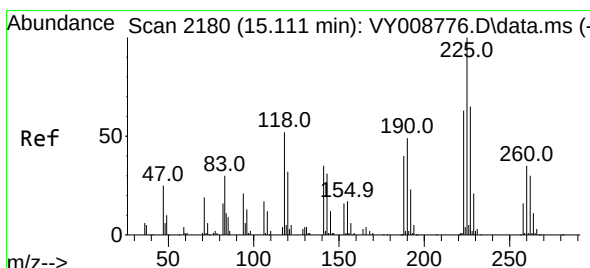
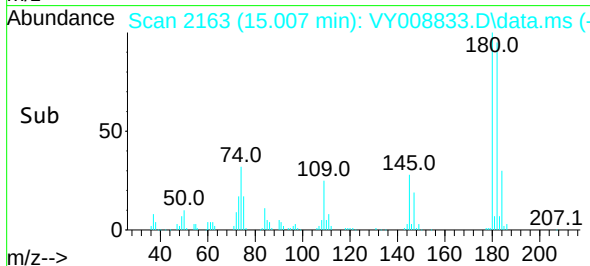
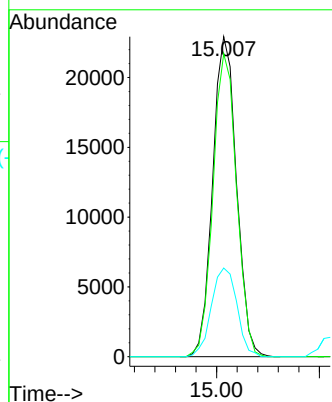
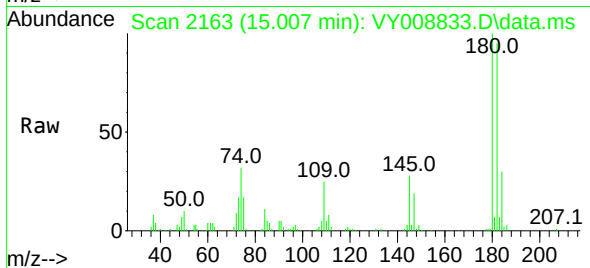
Tgt Ion:180 Resp: 36785

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.9

145 29.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.424 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY008833.D

Acq: 18 May 2022 23:27

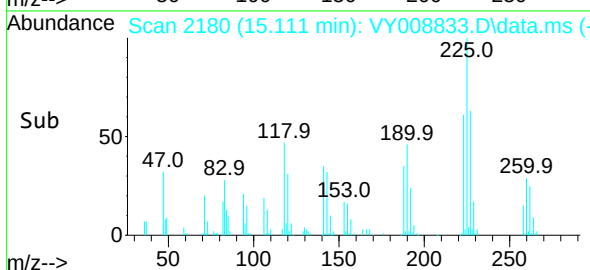
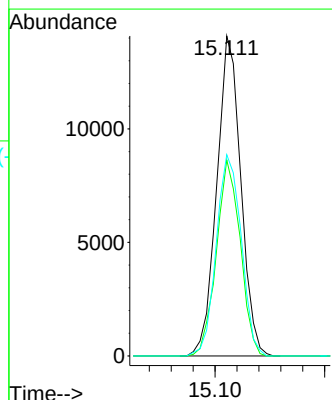
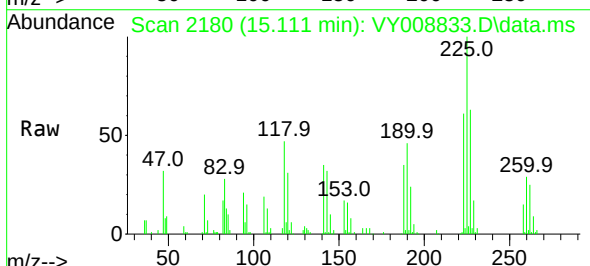
Tgt Ion:225 Resp: 21492

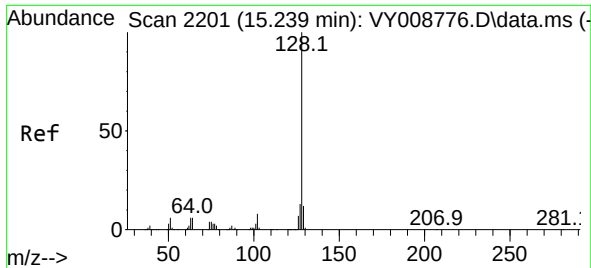
Ion Ratio Lower Upper

225 100

223 60.6 30.8 92.3

227 65.3 31.6 94.7

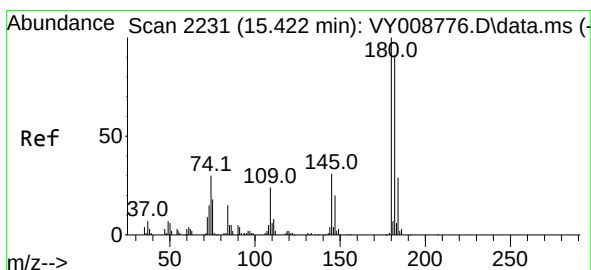
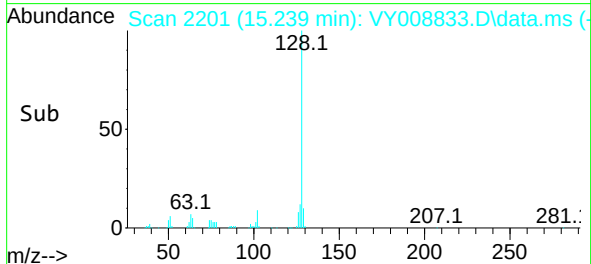
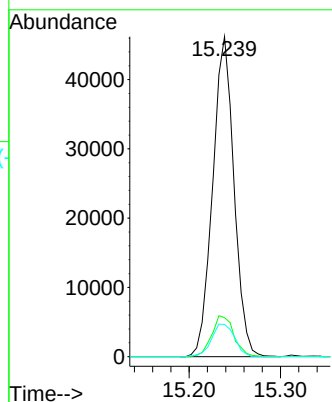
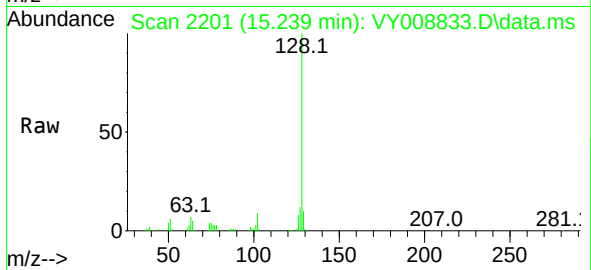




#95
Naphthalene
Concen: 18.316 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBS02

Tgt Ion:128 Resp: 74877
Ion Ratio Lower Upper
128 100
127 13.3 11.0 16.4
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 20.131 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY008833.D
Acq: 18 May 2022 23:27

Tgt Ion:180 Resp: 32340
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.9
145 31.9 15.3 45.9

