

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
 Data File : VY011835.D
 Acq On : 14 Dec 2022 11:25
 Operator : KP/MD
 Sample : VY1214SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1214SBS01

Quant Time: Dec 15 01:17:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	212378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	338233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	307403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72158	49.768	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.540%
35) Dibromofluoromethane	7.716	113	76154	50.733	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.460%
50) Toluene-d8	10.179	98	235890	47.553	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.100%
62) 4-Bromofluorobenzene	12.483	95	99728	50.942	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	27529	25.961	ug/l	94
3) Chloromethane	2.113	50	27826	22.170	ug/l	100
4) Vinyl Chloride	2.253	62	31120	20.695	ug/l	93
5) Bromomethane	2.644	94	23206	23.219	ug/l	100
6) Chloroethane	2.790	64	21925	20.819	ug/l	96
7) Trichlorofluoromethane	3.125	101	59534	20.392	ug/l	95
8) Diethyl Ether	3.534	74	20097	19.653	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	34103	19.568	ug/l	99
10) Methyl Iodide	4.095	142	39382	19.300	ug/l	99
11) Tert butyl alcohol	4.954	59	29411	161.807	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	31268	19.894	ug/l	99
13) Acrolein	3.729	56	28175	94.108	ug/l	96
14) Allyl chloride	4.485	41	52503	20.110	ug/l	100
15) Acrylonitrile	5.161	53	55952	101.940	ug/l	99
16) Acetone	3.948	43	60608	104.513	ug/l	96
17) Carbon Disulfide	4.198	76	73111	20.368	ug/l	97
18) Methyl Acetate	4.479	43	32668	22.696	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	100038	20.328	ug/l	98
20) Methylene Chloride	4.716	84	49344	20.428	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	36037	20.400	ug/l	96
22) Diisopropyl ether	6.125	45	119392	20.960	ug/l	97
23) Vinyl Acetate	6.064	43	338630	104.205	ug/l	98
24) 1,1-Dichloroethane	6.021	63	71378	20.621	ug/l	99
25) 2-Butanone	6.984	43	81760	109.607	ug/l	100
26) 2,2-Dichloropropane	6.978	77	67624	20.765	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	44826	20.762	ug/l	99
28) Bromochloromethane	7.332	49	25582	20.300	ug/l	98
29) Tetrahydrofuran	7.350	42	44301	104.344	ug/l	99
30) Chloroform	7.509	83	77328	20.896	ug/l	96
31) Cyclohexane	7.783	56	53623	19.830	ug/l #	94
32) 1,1,1-Trichloroethane	7.704	97	68100	20.635	ug/l	98
36) 1,1-Dichloropropene	7.923	75	51997	20.259	ug/l	99
37) Ethyl Acetate	7.076	43	30570	20.372	ug/l	98
38) Carbon Tetrachloride	7.905	117	61214	20.304	ug/l	99
39) Methylcyclohexane	9.185	83	55999	19.390	ug/l	99
40) Benzene	8.161	78	157420	20.530	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	42527	56.140	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	48767	20.567	ug/l	99
43) Isopropyl Acetate	8.271	43	55270	20.313	ug/l	99
44) Trichloroethene	8.941	130	44083	20.528	ug/l	99
45) 1,2-Dichloropropane	9.216	63	40497	20.406	ug/l	98
46) Dibromomethane	9.307	93	23149	20.838	ug/l	97
47) Bromodichloromethane	9.496	83	58541	20.398	ug/l	99
48) Methyl methacrylate	9.295	41	24477	20.408	ug/l	99
49) 1,4-Dioxane	9.301	88	6267	407.219	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	157565	105.094	ug/l	99
52) Toluene	10.246	92	102535	21.035	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	58120	20.274	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	66405	20.617	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	34401	20.951	ug/l	98
56) Ethyl methacrylate	10.508	69	43805	20.667	ug/l	99
57) 1,3-Dichloropropane	10.788	76	56660	20.702	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	103996	105.811	ug/l	99
59) 2-Hexanone	10.831	43	115365	107.696	ug/l	100
60) Dibromochloromethane	10.984	129	43048	20.933	ug/l	98
61) 1,2-Dibromoethane	11.087	107	31165	20.951	ug/l	99
64) Tetrachloroethene	10.721	164	43711	20.098	ug/l	98
65) Chlorobenzene	11.514	112	112905	20.384	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	44241	20.589	ug/l	98
67) Ethyl Benzene	11.593	91	198014	20.289	ug/l	99
68) m/p-Xylenes	11.703	106	152582	40.824	ug/l	99
69) o-Xylene	12.032	106	72808	20.437	ug/l	98
70) Styrene	12.044	104	124518	20.478	ug/l	100
71) Bromoform	12.209	173	28030	21.149	ug/l #	100
73) Isopropylbenzene	12.331	105	200506	20.439	ug/l	100
74) N-amyl acetate	12.142	43	47029	19.940	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	38919	20.371	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	53098	34.662	ug/l #	100
77) Bromobenzene	12.611	156	46749	20.411	ug/l	98
78) n-propylbenzene	12.672	91	240808	20.484	ug/l	99
79) 2-Chlorotoluene	12.758	91	135862	20.250	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	171178	20.645	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	13829	20.485	ug/l	97
82) 4-Chlorotoluene	12.855	91	143966	20.688	ug/l	99
83) tert-Butylbenzene	13.075	119	145721	20.183	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	167272	20.489	ug/l	100
85) sec-Butylbenzene	13.251	105	219390	20.404	ug/l	100
86) p-Isopropyltoluene	13.373	119	182249	20.365	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	95705	20.763	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	94220	20.567	ug/l	100
89) n-Butylbenzene	13.696	91	164281	20.193	ug/l	99
90) Hexachloroethane	13.959	117	36413	20.476	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	84300	20.324	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6869	20.623	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	48903	20.215	ug/l	99
94) Hexachlorobutadiene	15.111	225	31305	20.366	ug/l	99
95) Naphthalene	15.239	128	94295	20.125	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	43039	20.596	ug/l	99

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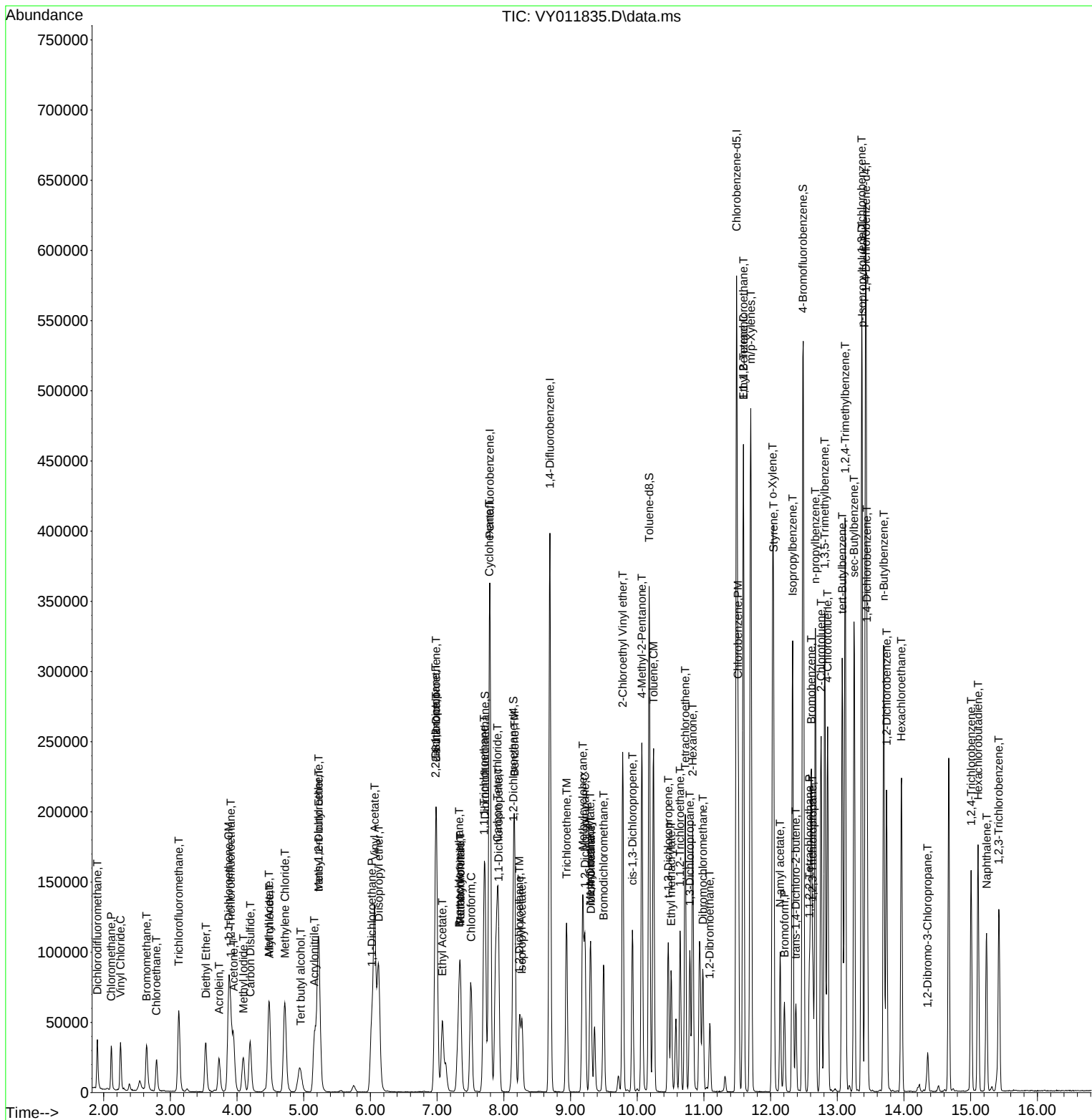
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

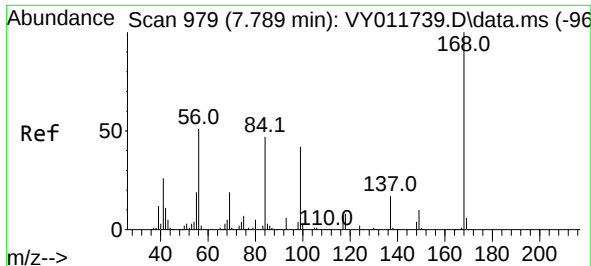
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Response via : Initial Calibration

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

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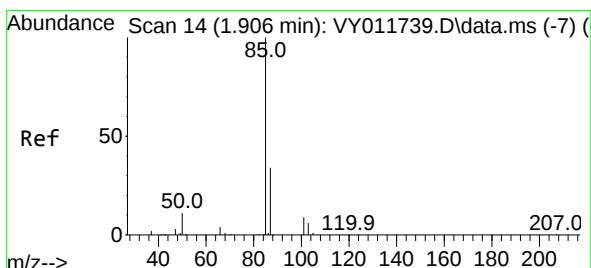
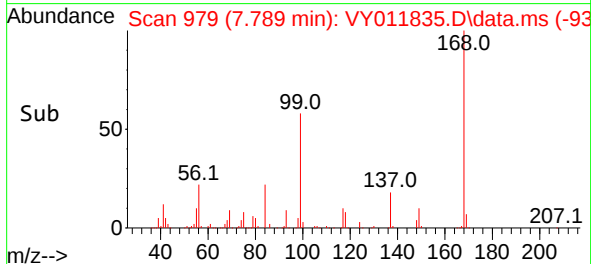
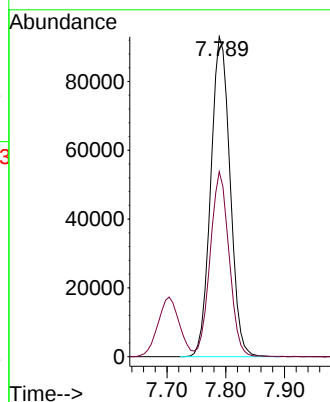
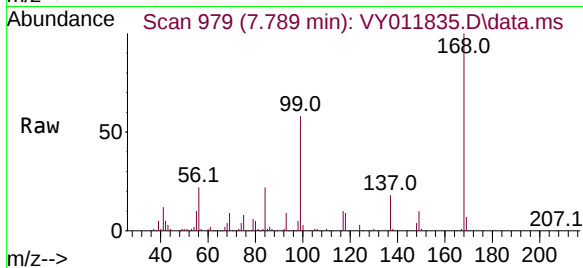




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011835.D
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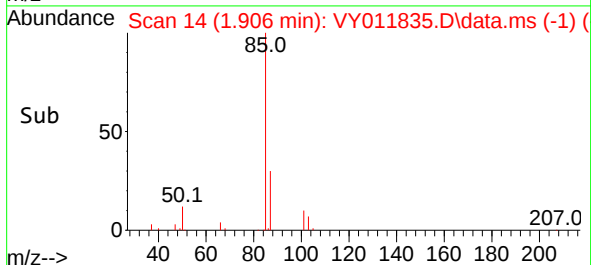
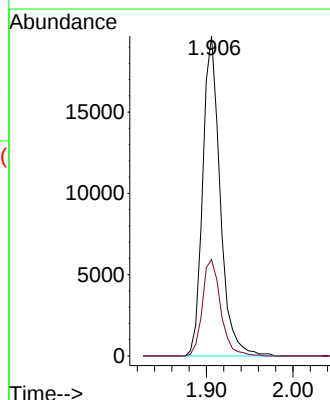
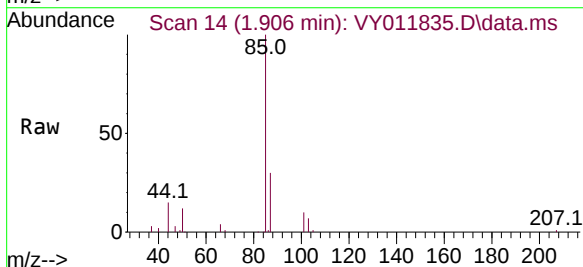
Instrument :
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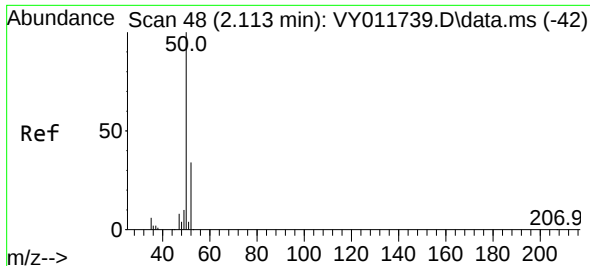
Tgt Ion:168 Resp: 212378
Ion Ratio Lower Upper
168 100
99 57.7 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 25.961 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion: 85 Resp: 27529
Ion Ratio Lower Upper
85 100
87 30.1 16.8 50.4

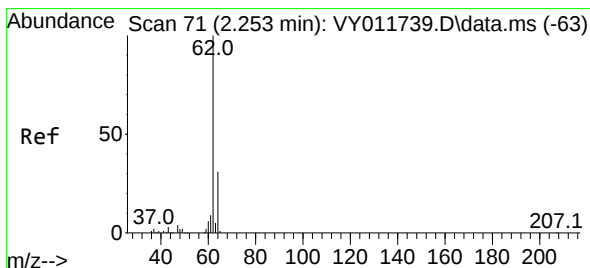
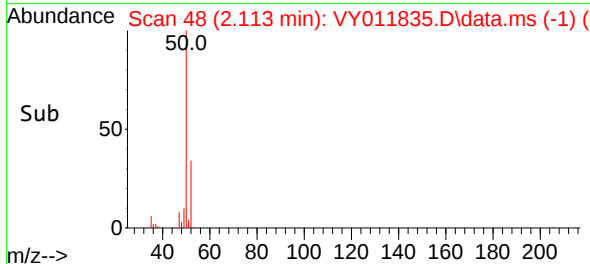
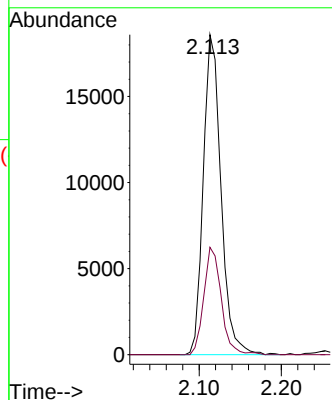
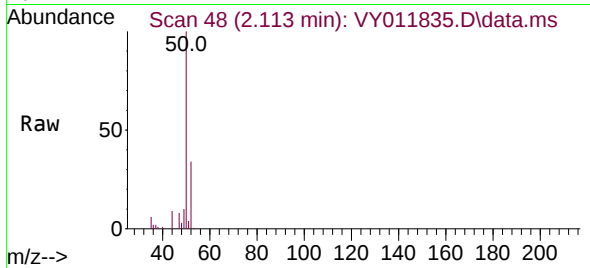




#3
Chloromethane
Concen: 22.170 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

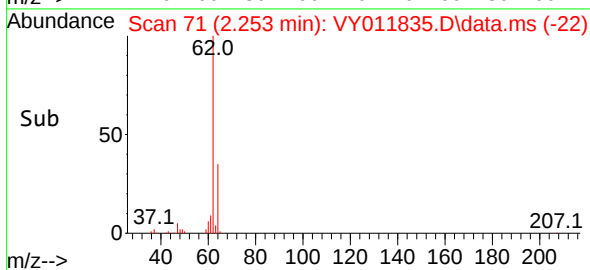
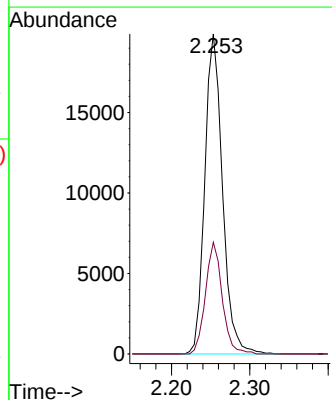
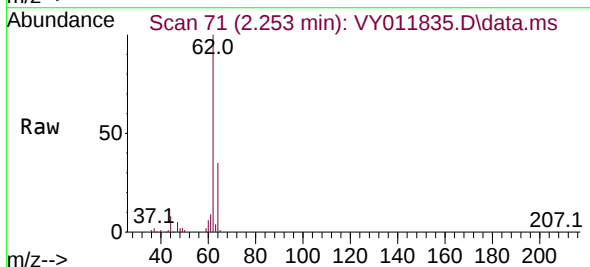
Instrument :
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ClientSampleId :
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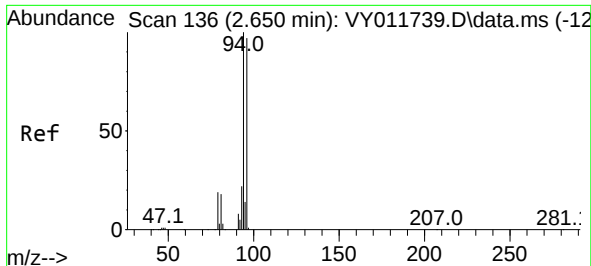
Tgt Ion: 50 Resp: 27826
Ion Ratio Lower Upper
50 100
52 33.5 26.8 40.2



#4
Vinyl Chloride
Concen: 20.695 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion: 62 Resp: 31120
Ion Ratio Lower Upper
62 100
64 34.9 25.0 37.6

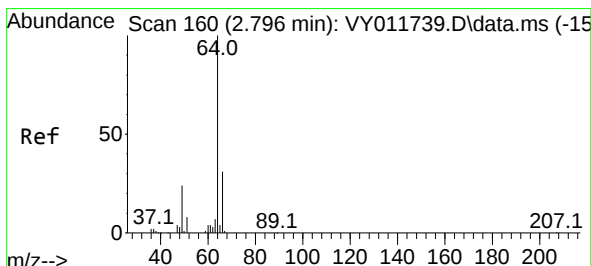
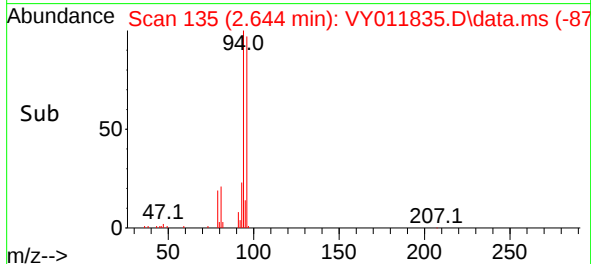
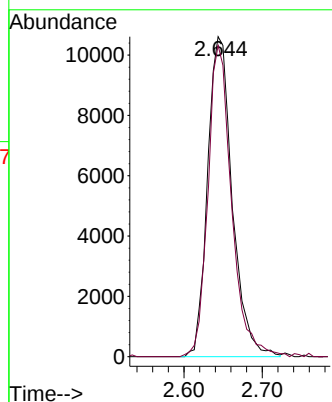
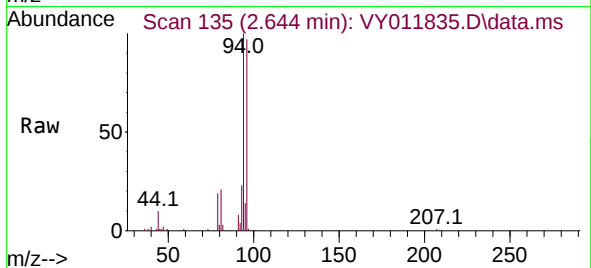




#5
Bromomethane
Concen: 23.219 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

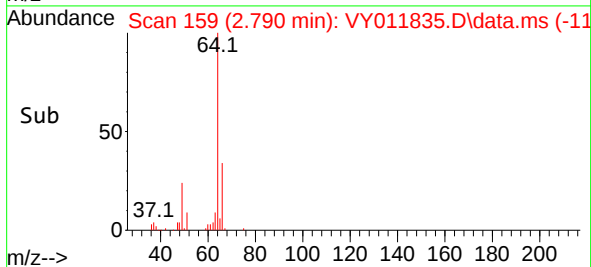
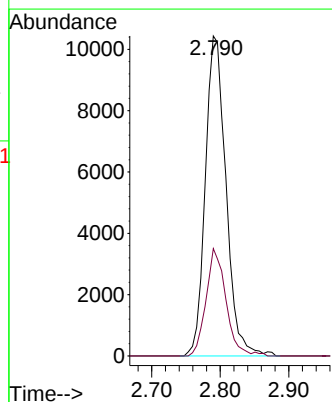
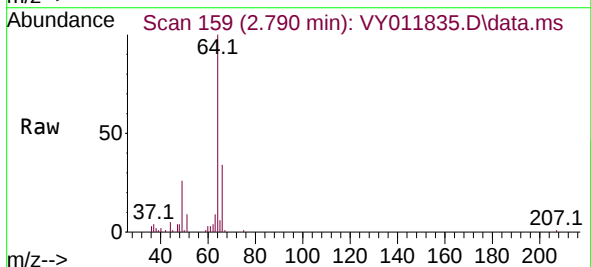
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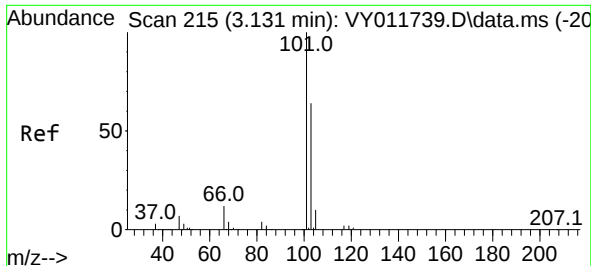
Tgt Ion: 94 Resp: 23206
Ion Ratio Lower Upper
94 100
96 97.2 77.4 116.2



#6
Chloroethane
Concen: 20.819 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion: 64 Resp: 21925
Ion Ratio Lower Upper
64 100
66 33.6 25.0 37.4

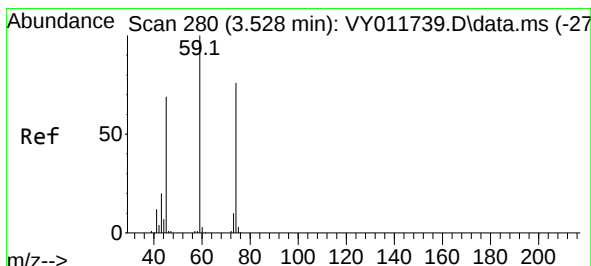
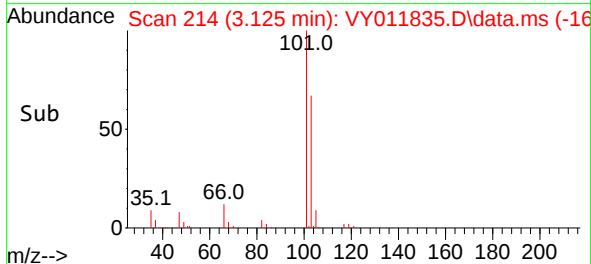
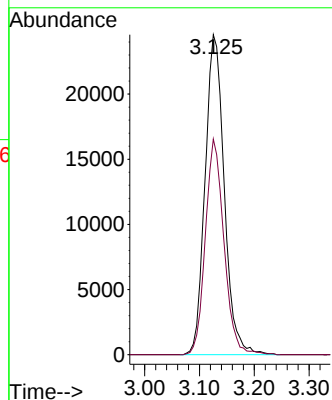
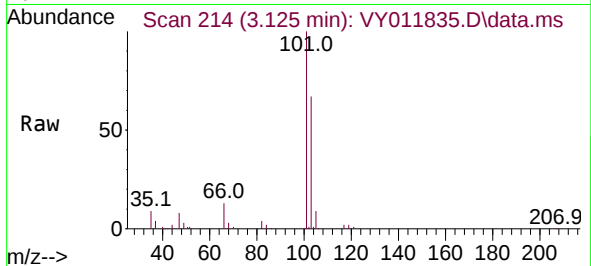




#7
Trichlorofluoromethane
Concen: 20.392 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

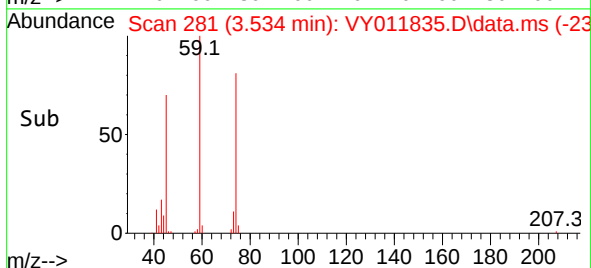
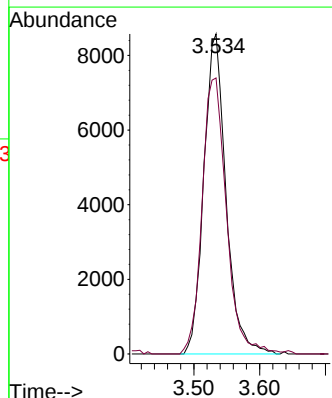
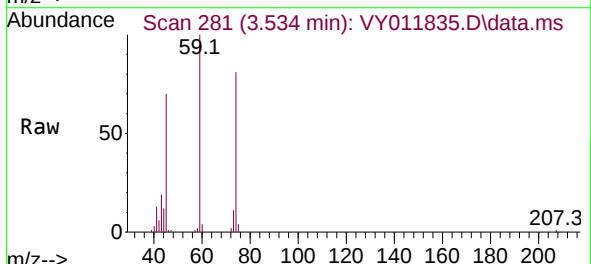
Instrument :
MSVOA_Y
ClientSampleId :
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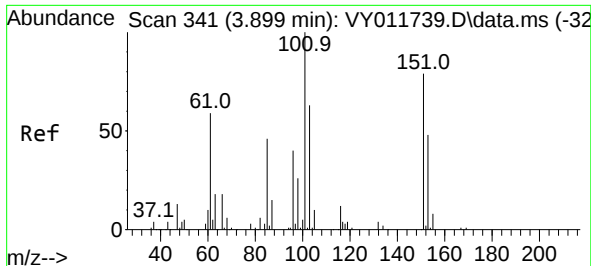
Tgt Ion:101 Resp: 59534
Ion Ratio Lower Upper
101 100
103 67.4 51.0 76.6



#8
Diethyl Ether
Concen: 19.653 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion: 74 Resp: 20097
Ion Ratio Lower Upper
74 100
45 94.7 46.8 140.3

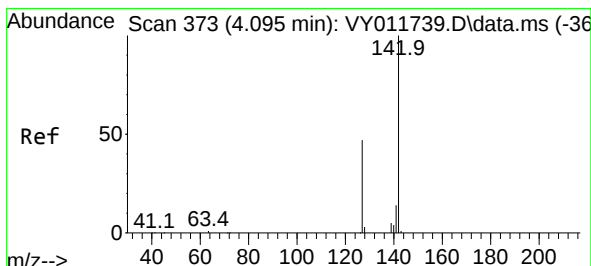
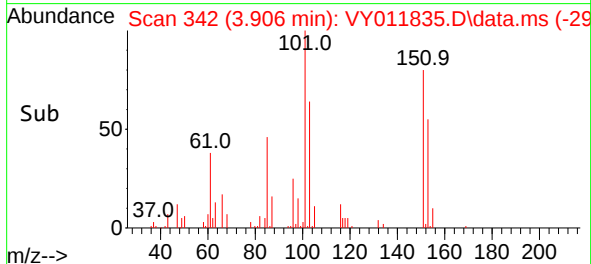
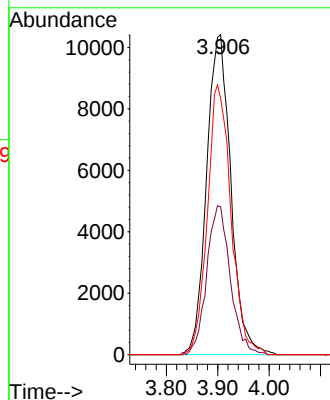
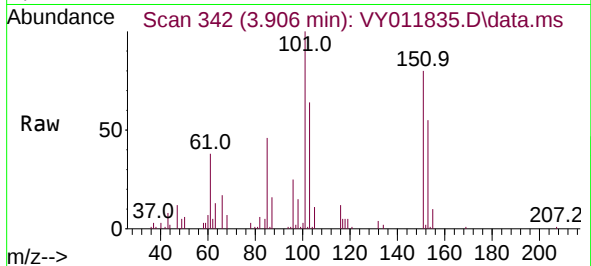




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.568 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

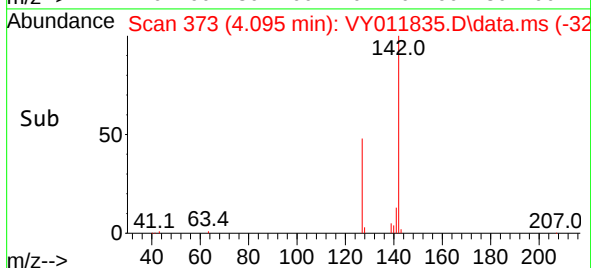
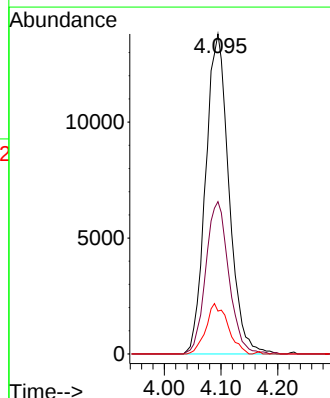
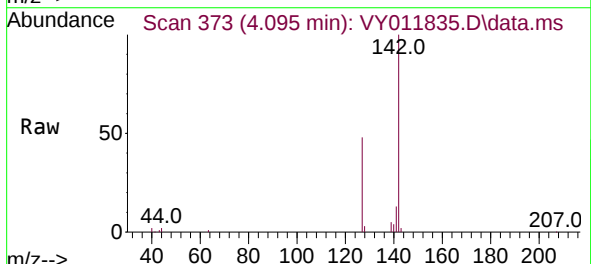
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

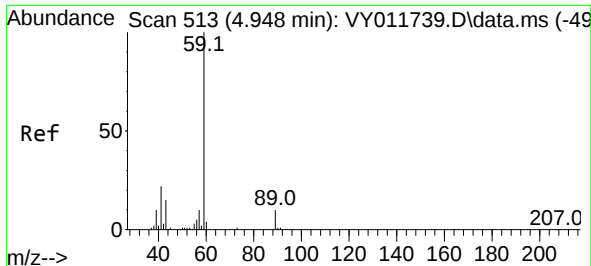
Tgt Ion:101 Resp: 34103
Ion Ratio Lower Upper
101 100
85 45.3 36.2 54.2
151 82.1 64.2 96.2



#10
Methyl Iodide
Concen: 19.300 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion:142 Resp: 39382
Ion Ratio Lower Upper
142 100
127 47.1 37.0 55.4
141 14.9 11.4 17.0

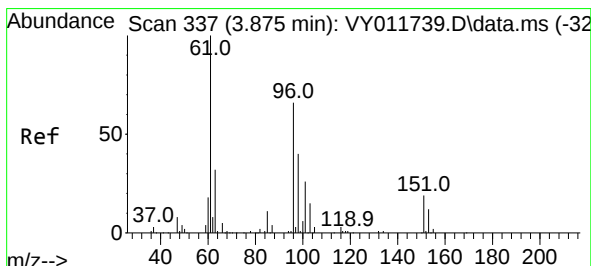
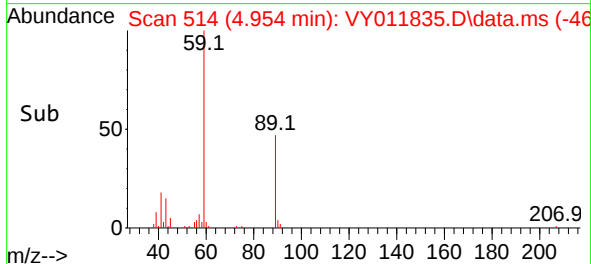
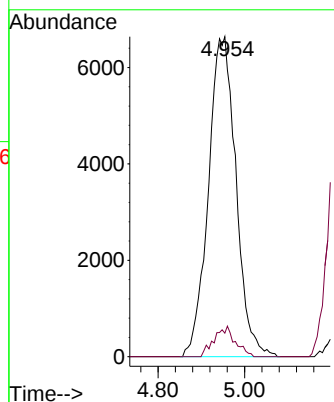
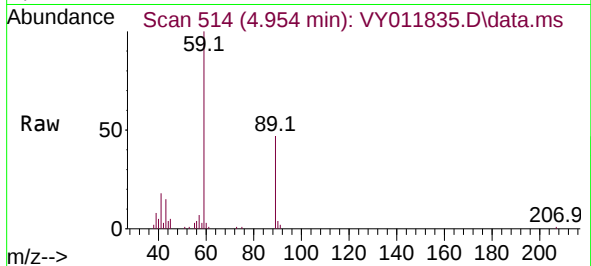




#11
Tert butyl alcohol
Concen: 161.807 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

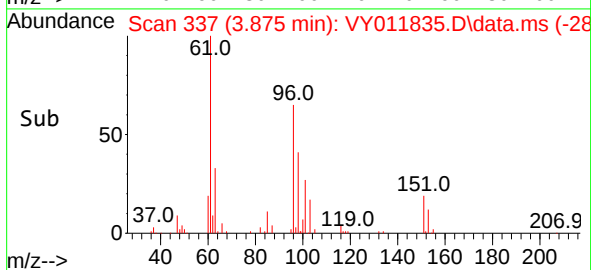
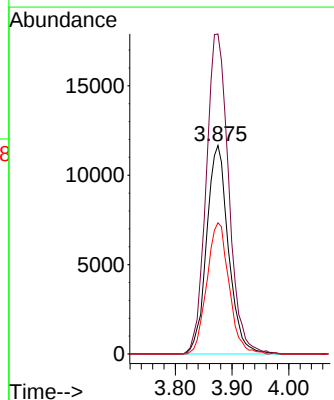
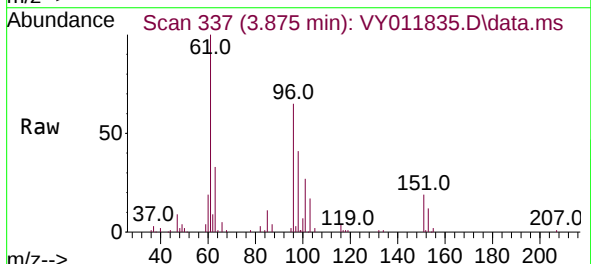
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

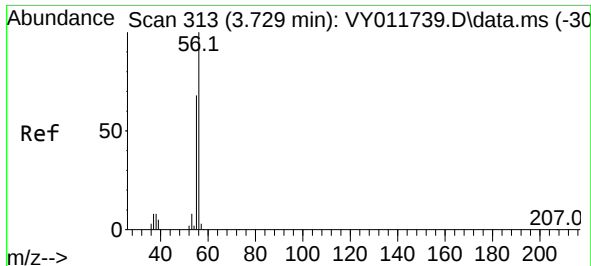
Tgt Ion: 59 Resp: 29411
Ion Ratio Lower Upper
59 100
57 7.2 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 19.894 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

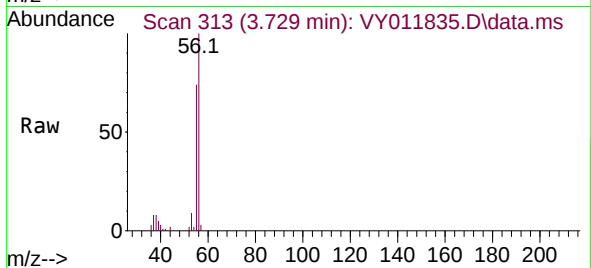
Tgt Ion: 96 Resp: 31268
Ion Ratio Lower Upper
96 100
61 153.5 122.0 183.0
98 62.9 48.6 73.0



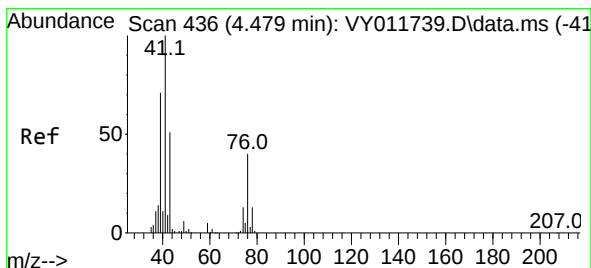
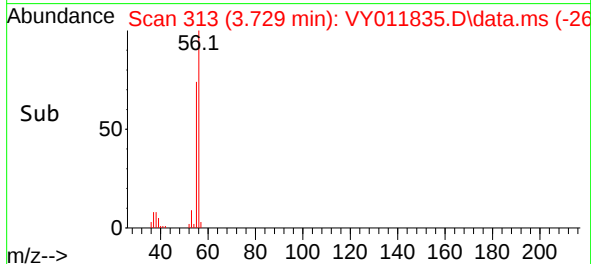
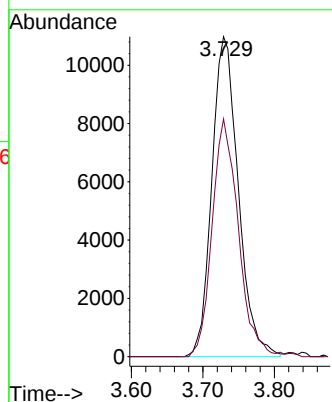


#13
Acrolein
Concen: 94.108 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

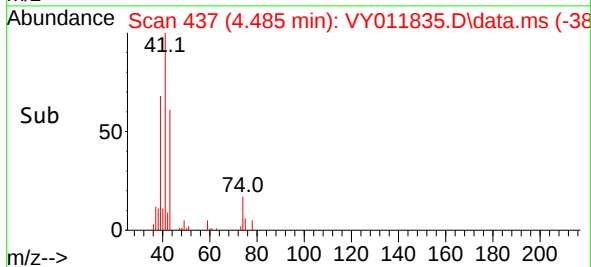
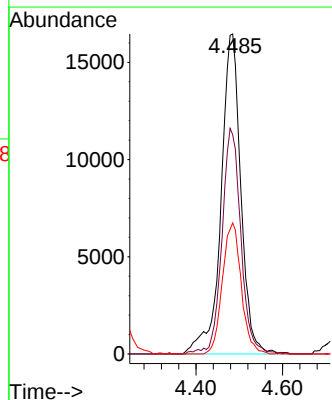
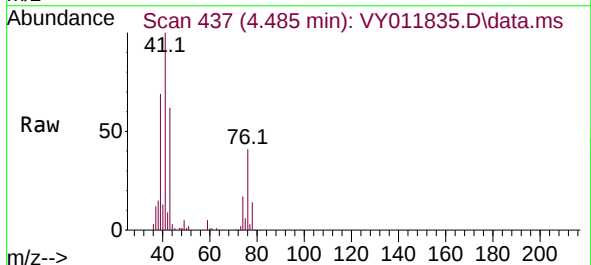


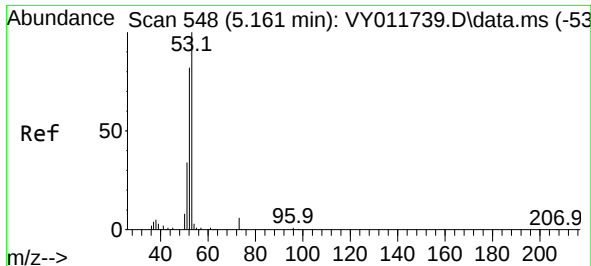
Tgt Ion: 56 Resp: 28175
Ion Ratio Lower Upper
56 100
55 74.1 56.6 85.0



#14
Allyl chloride
Concen: 20.110 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion: 41 Resp: 52503
Ion Ratio Lower Upper
41 100
39 67.2 53.5 80.3
76 38.8 31.1 46.7

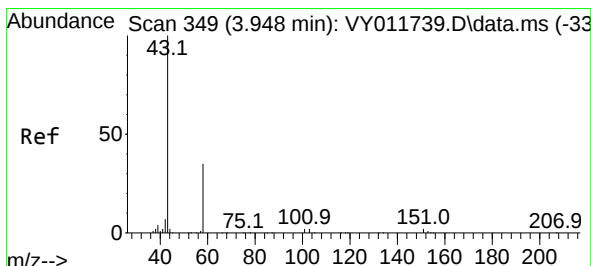
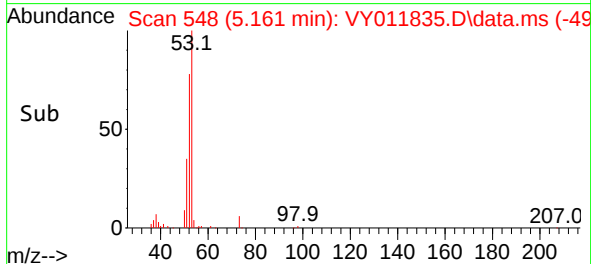
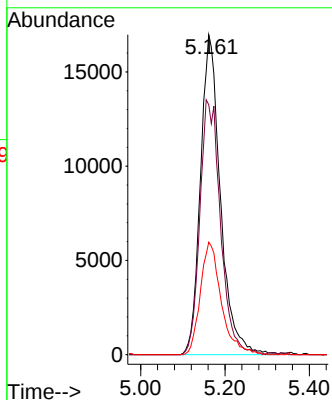
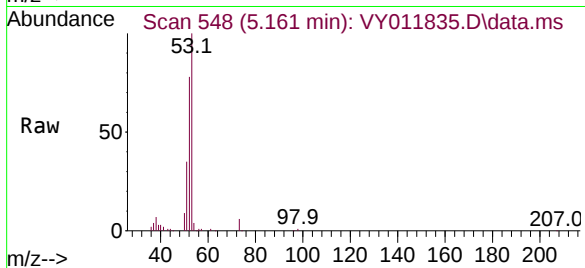




#15
Acrylonitrile
Concen: 101.940 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

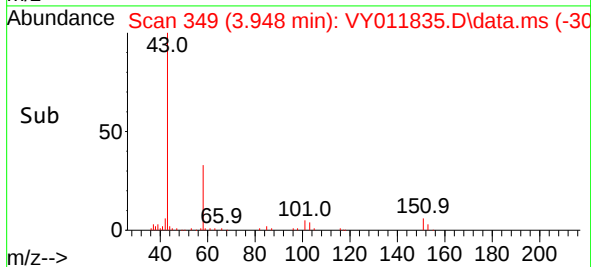
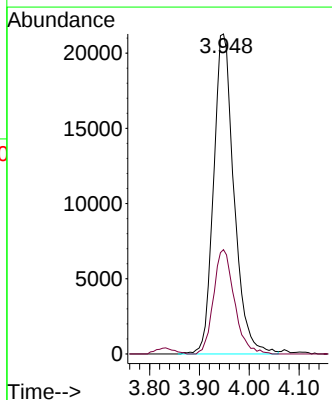
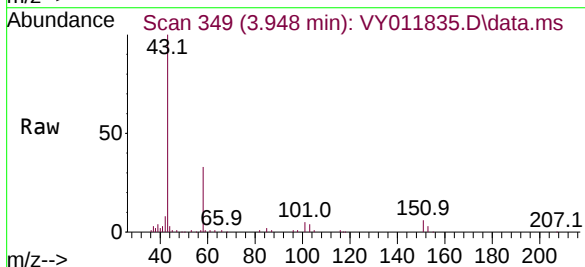
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

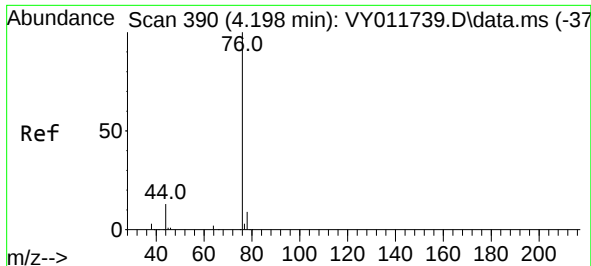
Tgt Ion: 53 Resp: 55952
Ion Ratio Lower Upper
53 100
52 82.4 65.1 97.7
51 36.9 28.7 43.1



#16
Acetone
Concen: 104.513 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion: 43 Resp: 60608
Ion Ratio Lower Upper
43 100
58 32.6 27.9 41.9

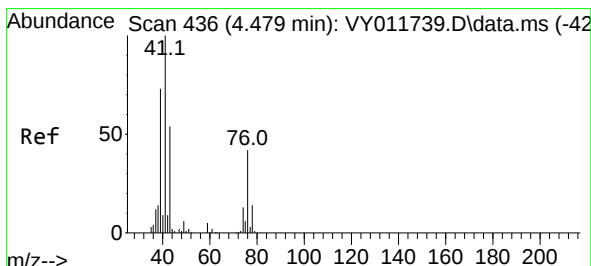
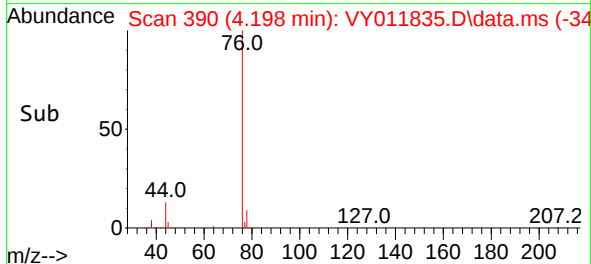
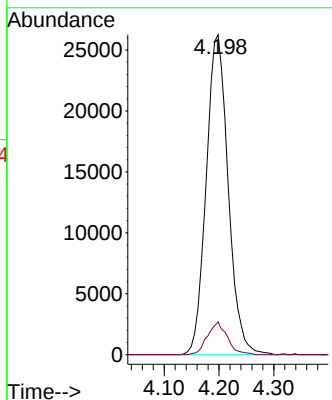
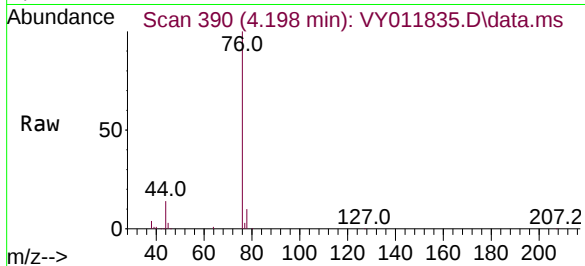




#17
Carbon Disulfide
Concen: 20.368 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

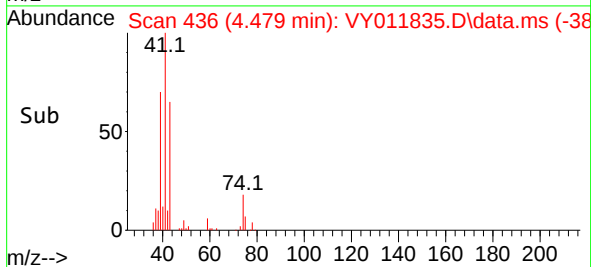
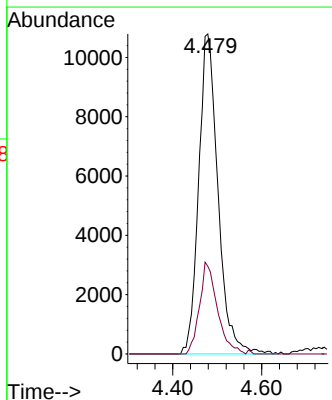
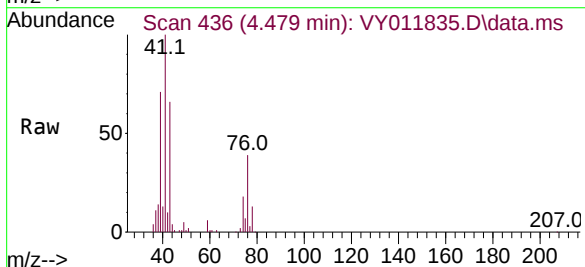
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

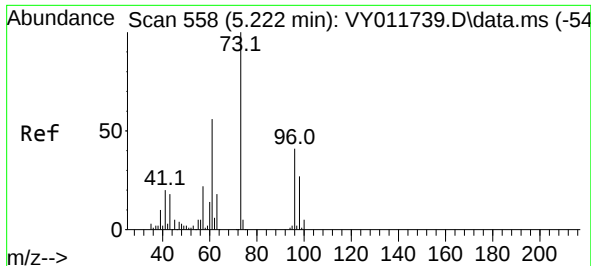
Tgt Ion: 76 Resp: 73111
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8



#18
Methyl Acetate
Concen: 22.696 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion: 43 Resp: 32668
Ion Ratio Lower Upper
43 100
74 26.4 20.1 30.1

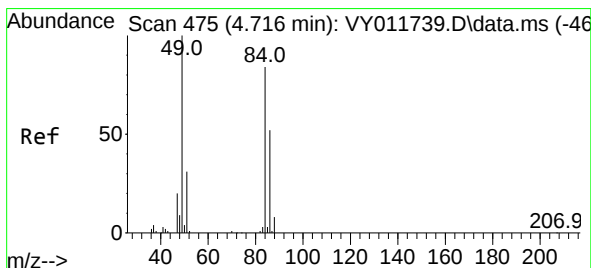
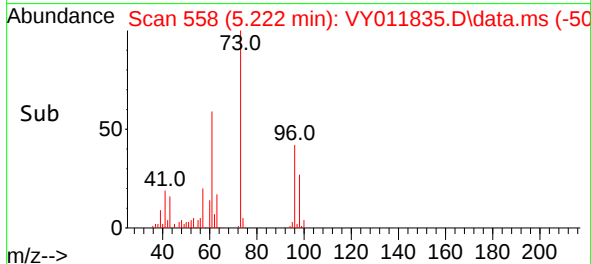
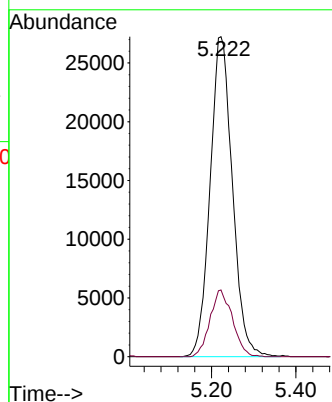
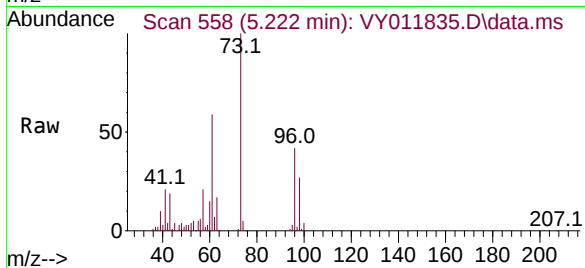




#19
Methyl tert-butyl Ether
Concen: 20.328 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

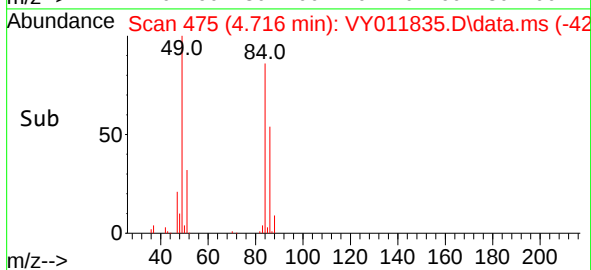
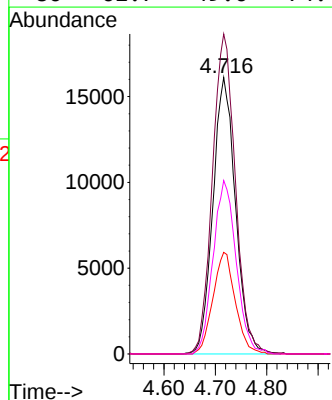
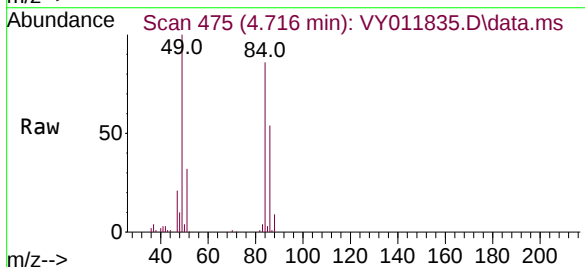
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

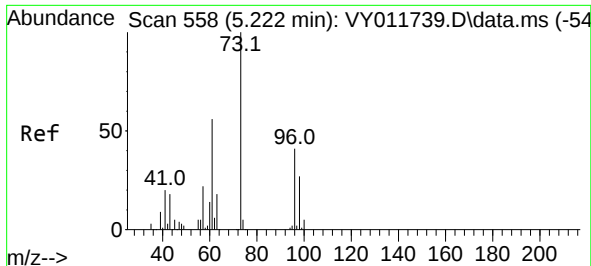
Tgt Ion: 73 Resp: 100038
Ion Ratio Lower Upper
73 100
57 20.9 17.4 26.0



#20
Methylene Chloride
Concen: 20.428 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion: 84 Resp: 49344
Ion Ratio Lower Upper
84 100
49 115.7 95.4 143.2
51 36.8 29.9 44.9
86 62.7 49.6 74.4

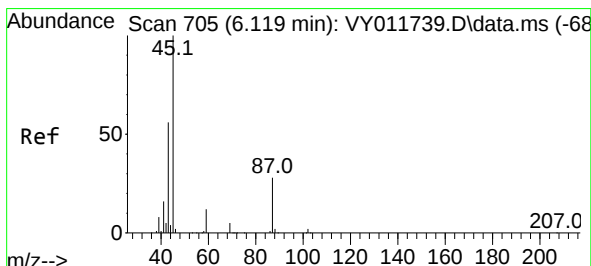
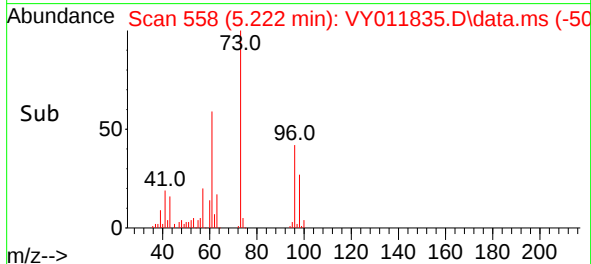
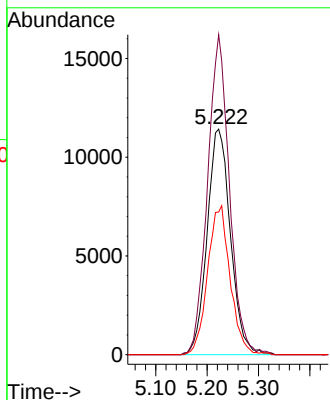
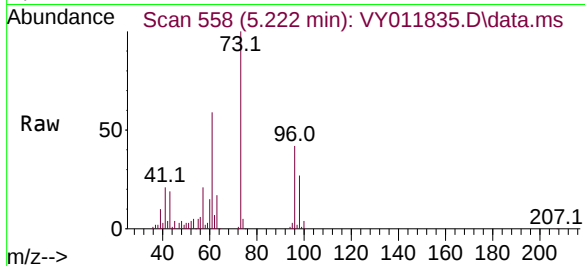




#21
trans-1,2-Dichloroethene
Concen: 20.400 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

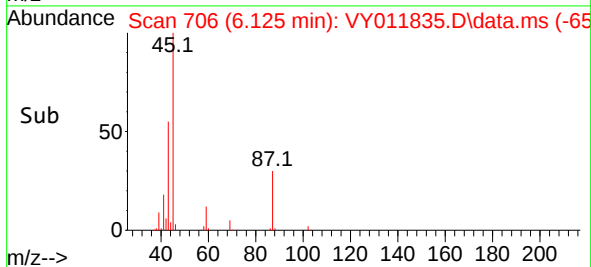
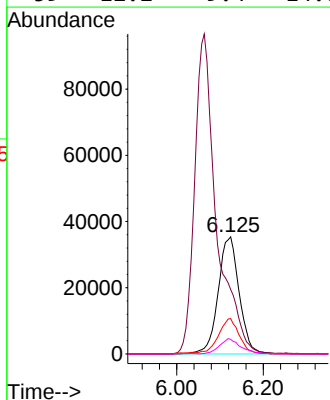
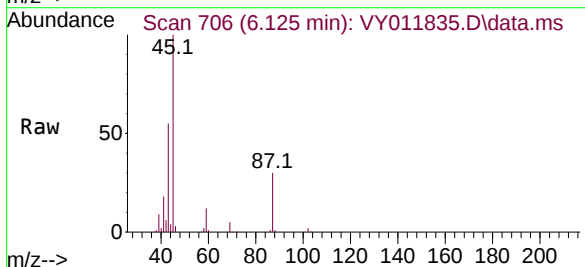
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

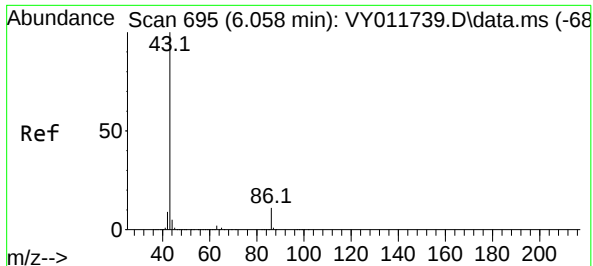
Tgt Ion: 96 Resp: 36037
Ion Ratio Lower Upper
96 100
61 141.8 108.0 162.0
98 63.3 51.6 77.4



#22
Diisopropyl ether
Concen: 20.960 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion: 45 Resp: 119392
Ion Ratio Lower Upper
45 100
43 54.2 45.0 67.4
87 30.2 22.6 33.8
59 12.2 9.4 14.0

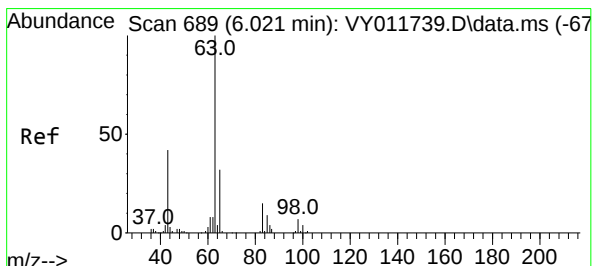
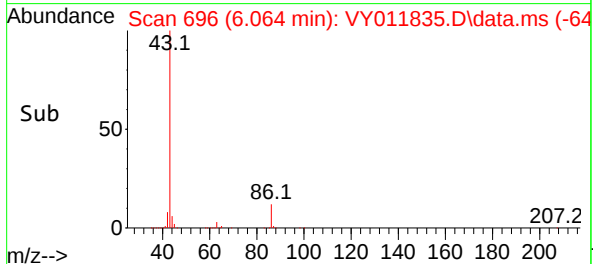
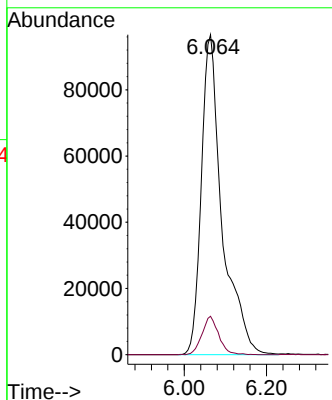
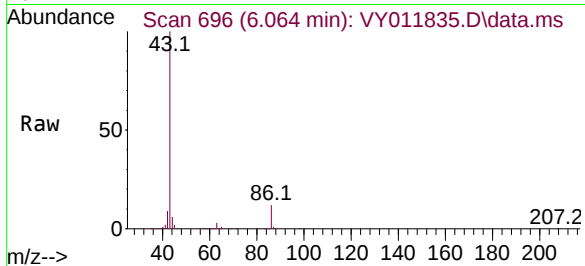




#23
 Vinyl Acetate
 Concen: 104.205 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY011835.D
 Acq: 14 Dec 2022 11:25

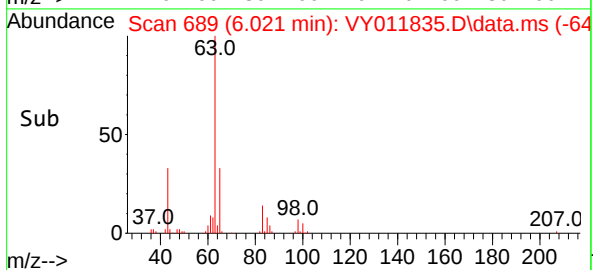
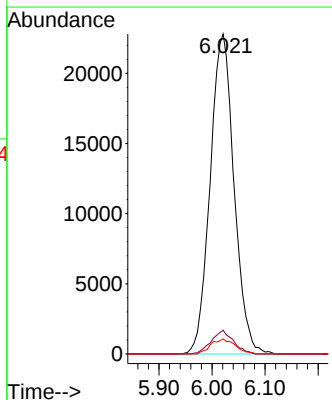
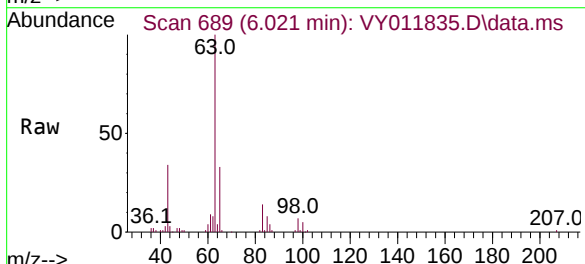
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1214SBS01

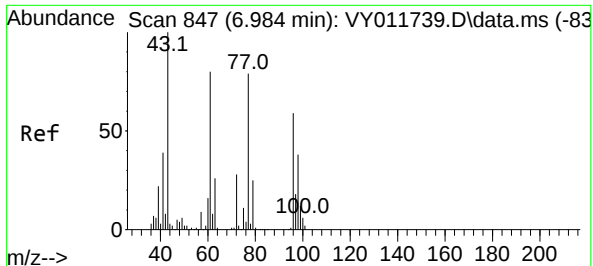
Tgt Ion: 43 Resp: 338630
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 20.621 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY011835.D
 Acq: 14 Dec 2022 11:25

Tgt Ion: 63 Resp: 71378
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.5
 100 4.7 2.2 6.6





#25

2-Butanone

Concen: 109.607 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

Instrument :

MSVOA_Y

ClientSampleId :

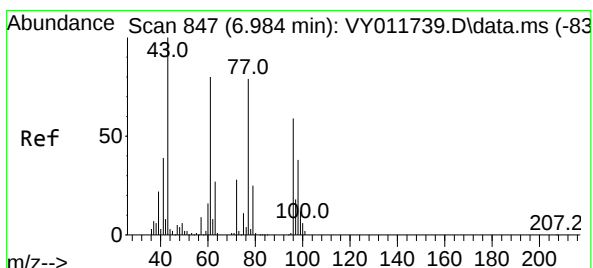
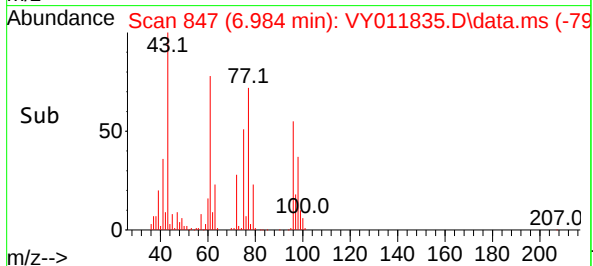
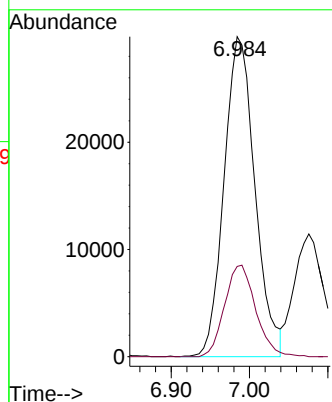
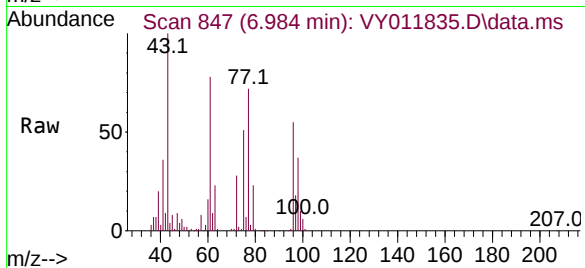
VY1214SBS01

Tgt Ion: 43 Resp: 81760

Ion Ratio Lower Upper

43 100

72 28.2 22.6 34.0



#26

2,2-Dichloropropane

Concen: 20.765 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY011835.D

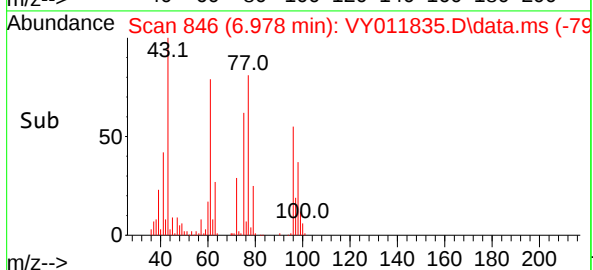
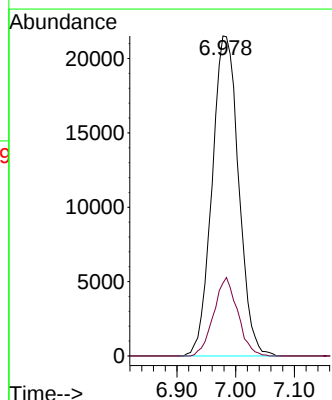
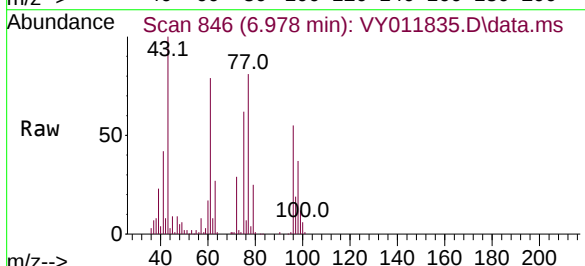
Acq: 14 Dec 2022 11:25

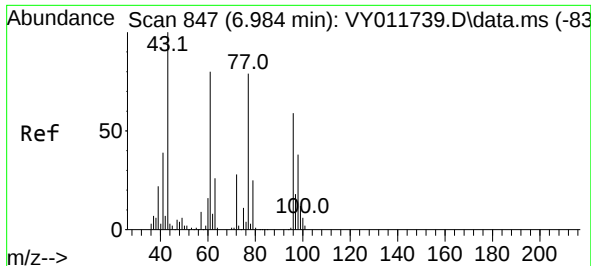
Tgt Ion: 77 Resp: 67624

Ion Ratio Lower Upper

77 100

97 22.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.762 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

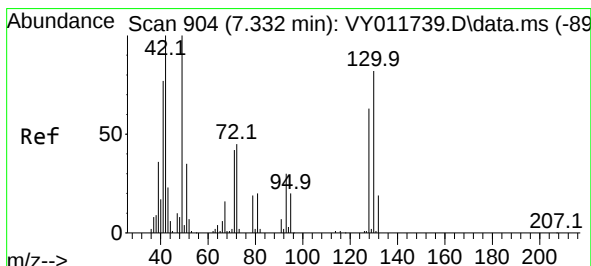
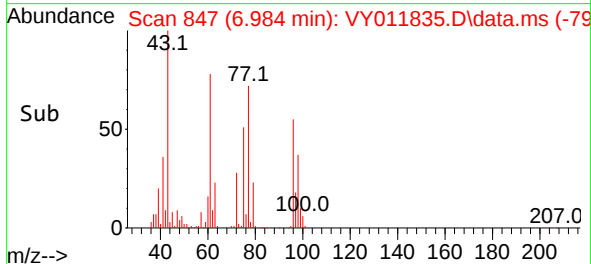
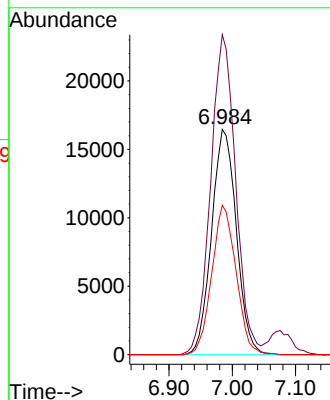
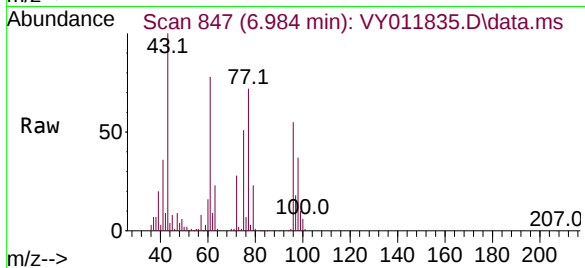
Tgt Ion: 96 Resp: 44826

Ion Ratio Lower Upper

96 100

61 142.9 0.0 283.4

98 64.9 0.0 127.6



#28

Bromochloromethane

Concen: 20.300 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

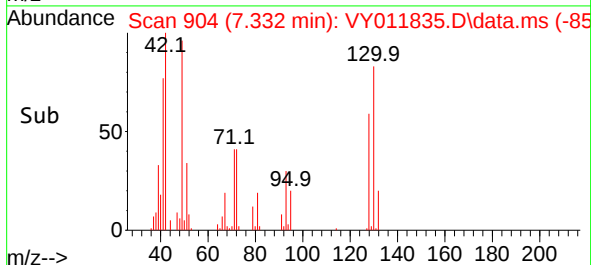
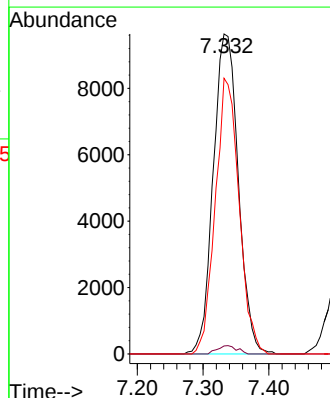
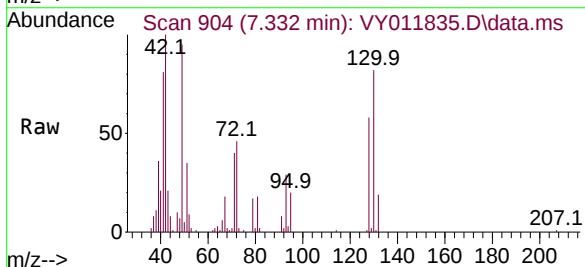
Tgt Ion: 49 Resp: 25582

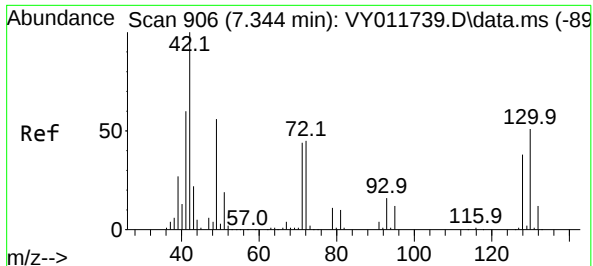
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 81.6 66.7 100.1





#29

Tetrahydrofuran

Concen: 104.344 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

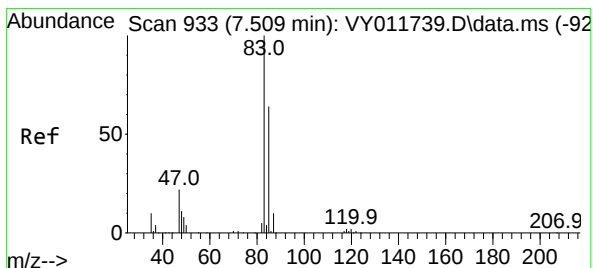
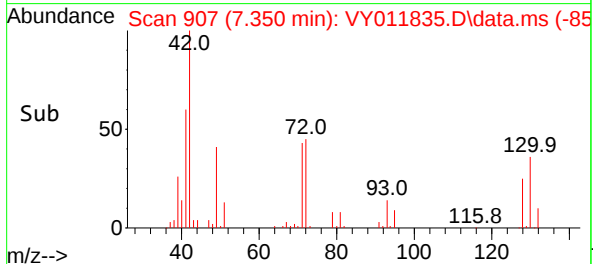
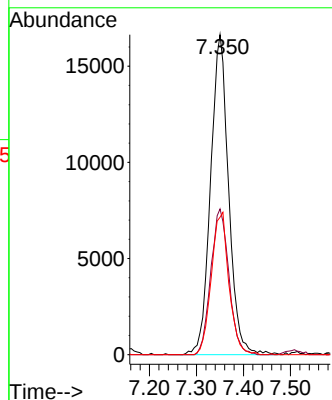
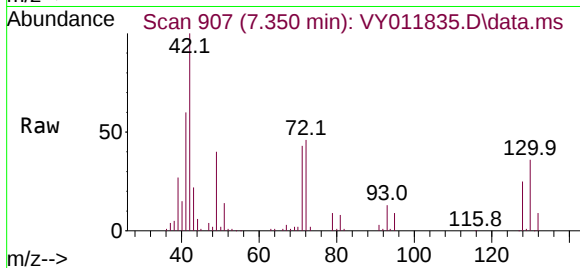
Tgt Ion: 42 Resp: 44301

Ion Ratio Lower Upper

42 100

72 45.7 37.0 55.6

71 43.5 34.9 52.3



#30

Chloroform

Concen: 20.896 ug/l

RT: 7.509 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY011835.D

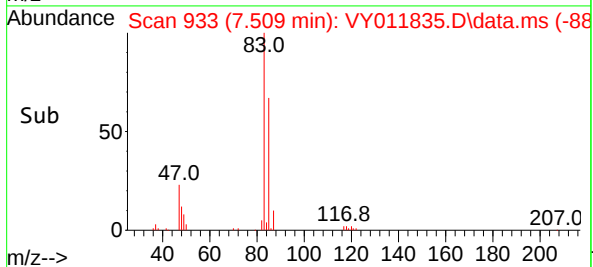
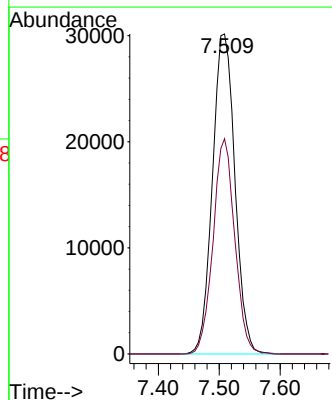
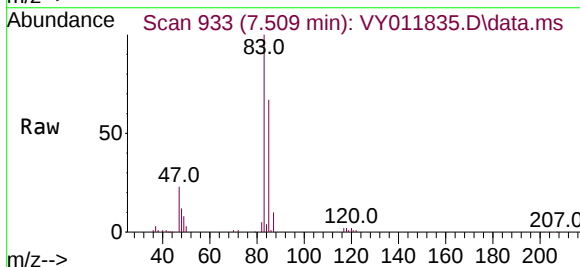
Acq: 14 Dec 2022 11:25

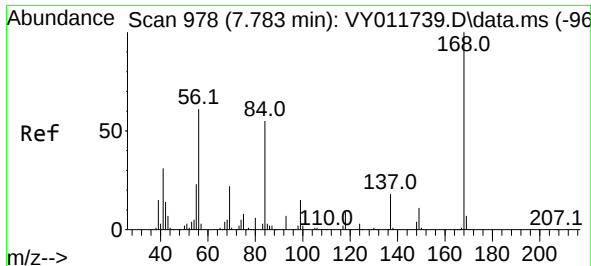
Tgt Ion: 83 Resp: 77328

Ion Ratio Lower Upper

83 100

85 67.2 51.5 77.3

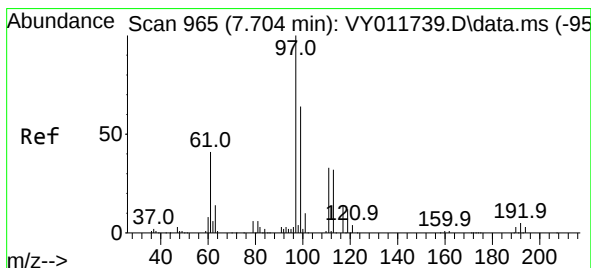
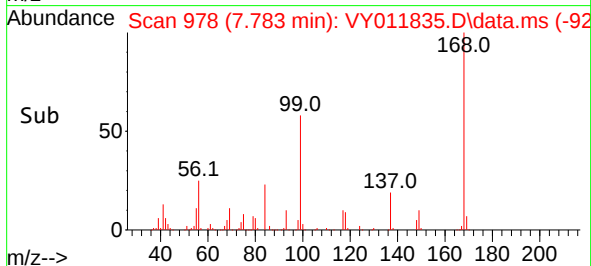
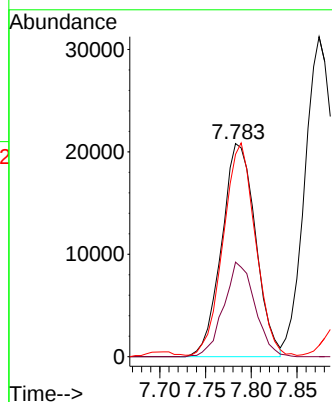
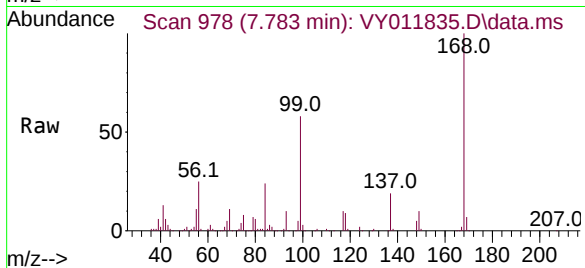




#31
Cyclohexane
Concen: 19.830 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

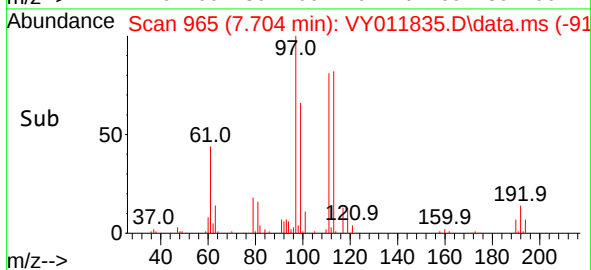
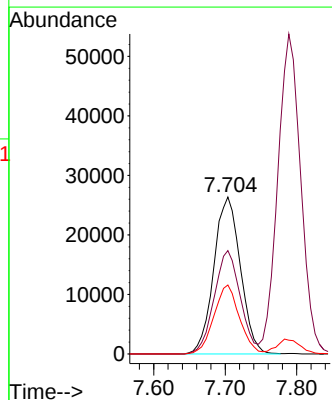
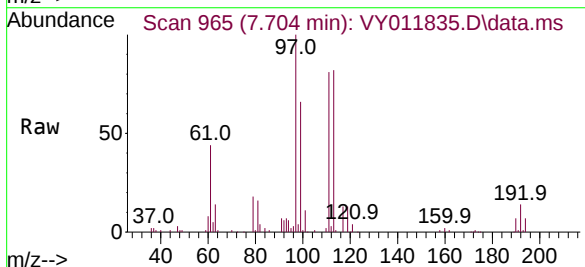
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

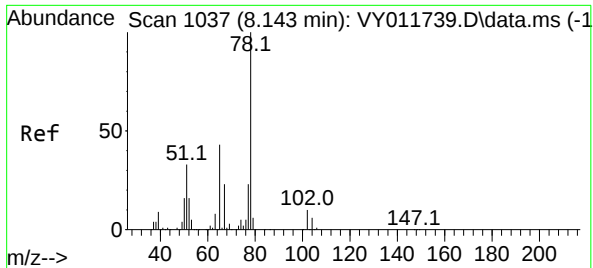
Tgt Ion: 56 Resp: 53623
Ion Ratio Lower Upper
56 100
69 44.4 29.2 43.8#
84 93.9 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 20.635 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion: 97 Resp: 68100
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.4
61 42.2 33.0 49.4

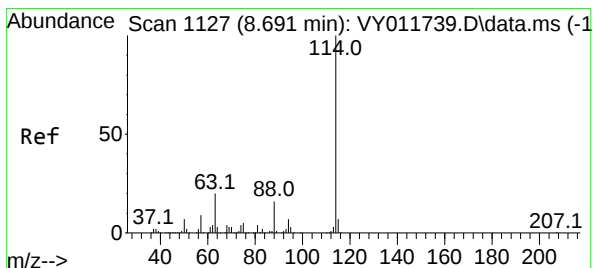
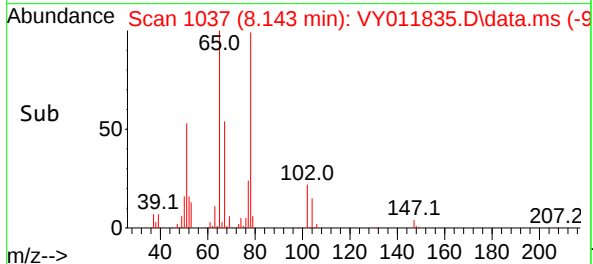
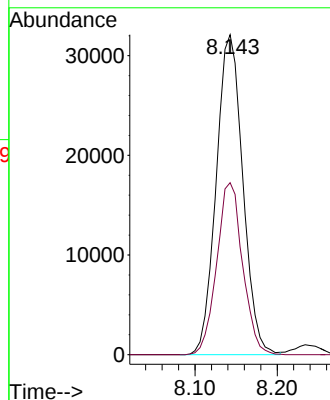
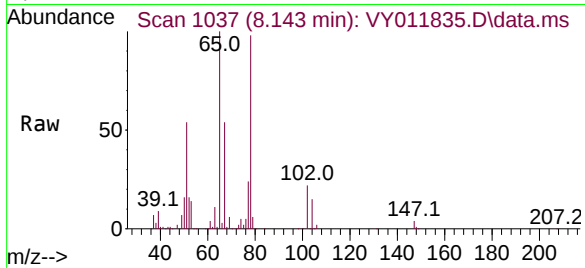




#33
 1,2-Dichloroethane-d4
 Concen: 49.768 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY011835.D
 Acq: 14 Dec 2022 11:25

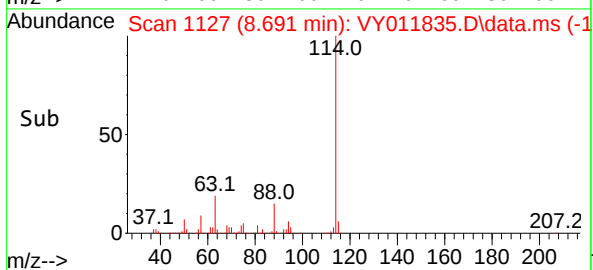
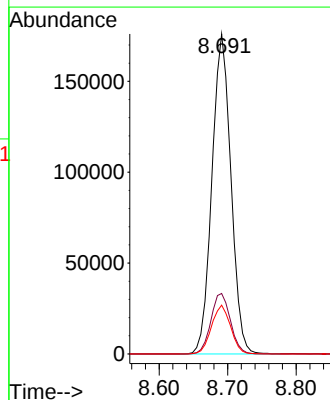
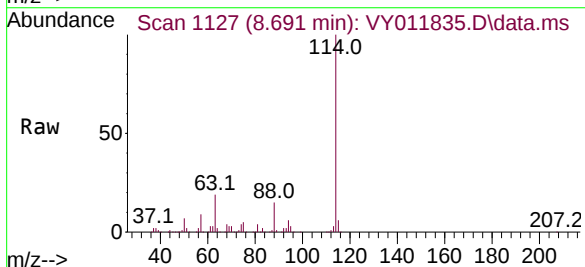
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1214SBS01

Tgt Ion: 65 Resp: 72158
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY011835.D
 Acq: 14 Dec 2022 11:25

Tgt Ion: 114 Resp: 338233
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.6
 88 15.2 0.0 32.2

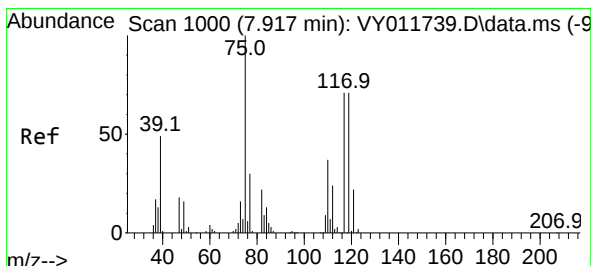
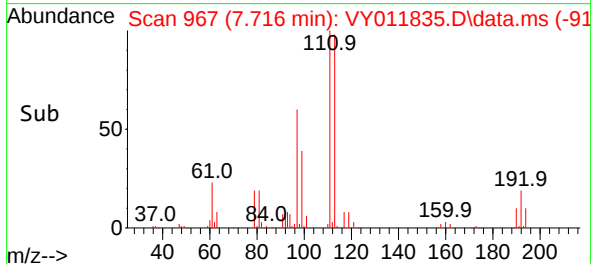
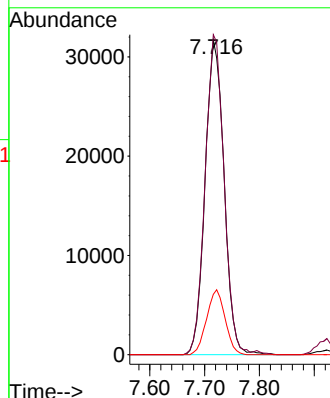
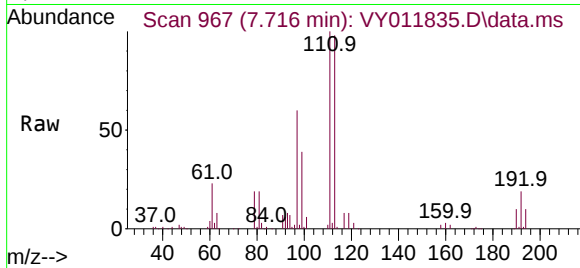




#35
Dibromofluoromethane
Concen: 50.733 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

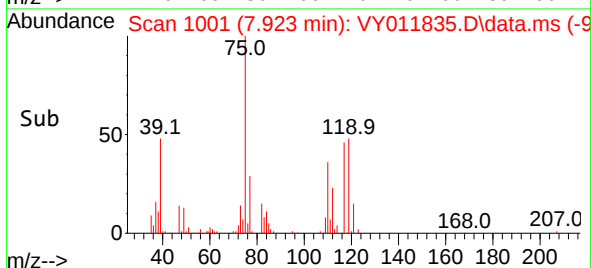
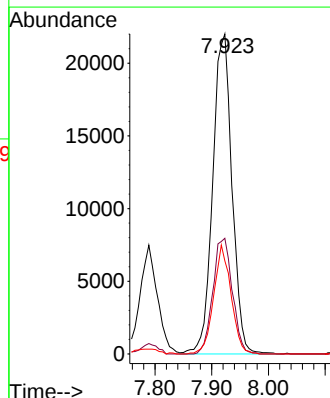
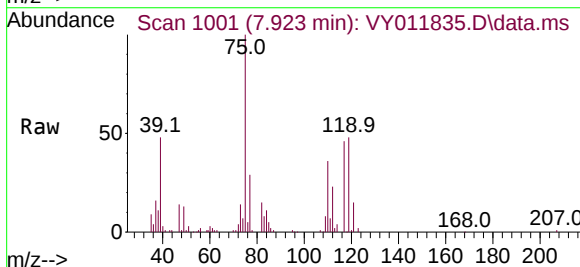
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

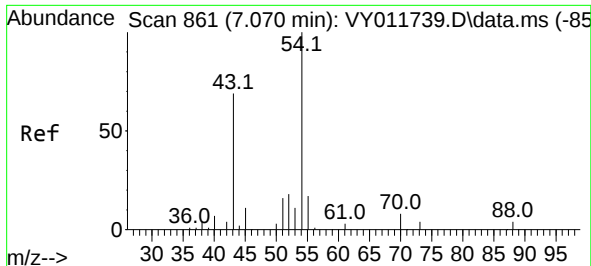
Tgt Ion:113 Resp: 76154
Ion Ratio Lower Upper
113 100
111 101.2 83.0 124.4
192 20.1 16.0 24.0



#36
1,1-Dichloropropene
Concen: 20.259 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion: 75 Resp: 51997
Ion Ratio Lower Upper
75 100
110 36.5 18.1 54.1
77 30.8 25.1 37.7





#37

Ethyl Acetate

Concen: 20.372 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

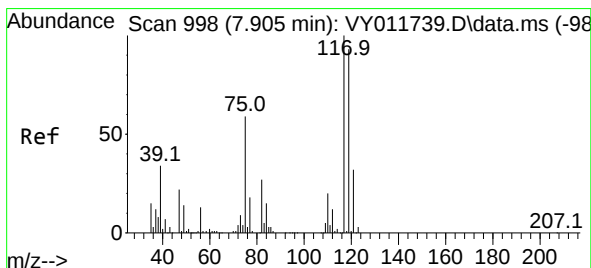
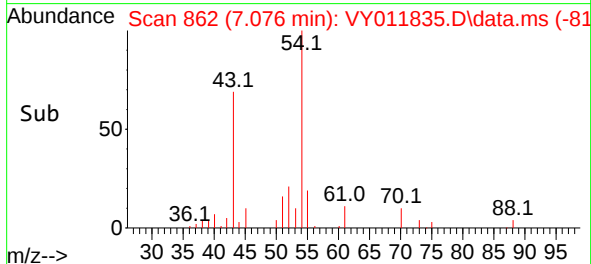
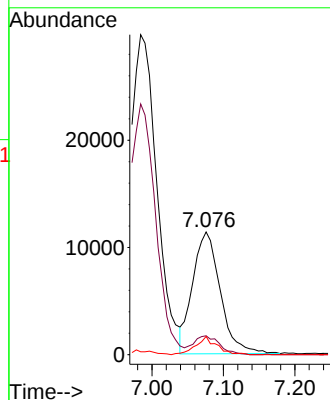
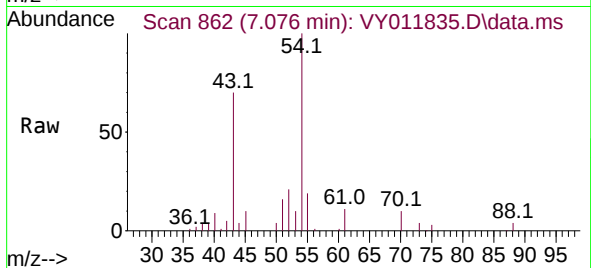
Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

Tgt Ion: 43	Resp: 30570
Ion Ratio	Lower Upper
43	100
61	14.7 11.3 16.9
70	11.3 8.2 12.4



#38

Carbon Tetrachloride

Concen: 20.304 ug/l

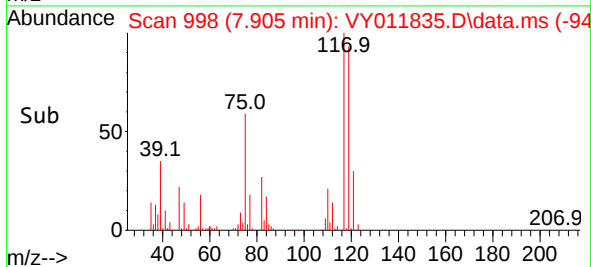
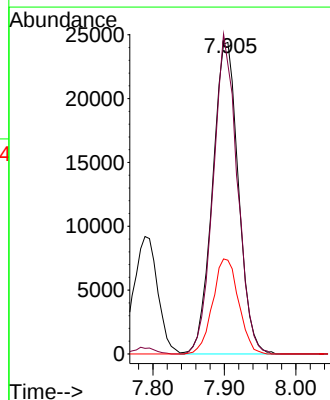
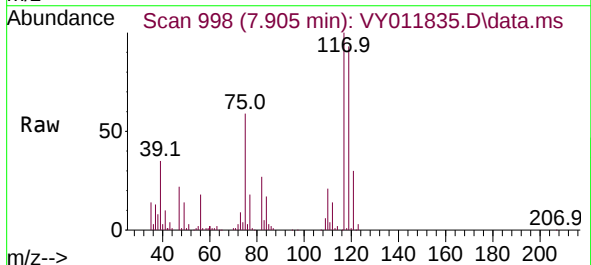
RT: 7.905 min Scan# 998

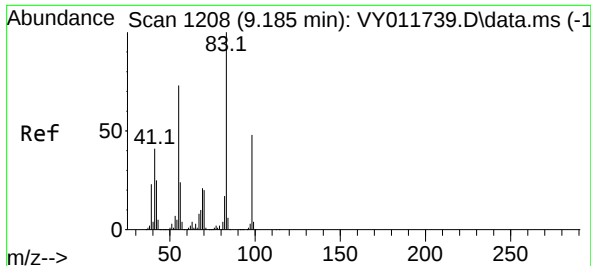
Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

Tgt Ion: 117	Resp: 61214
Ion Ratio	Lower Upper
117	100
119	93.0 73.8 110.8
121	30.1 25.2 37.8





#39

Methylcyclohexane

Concen: 19.390 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

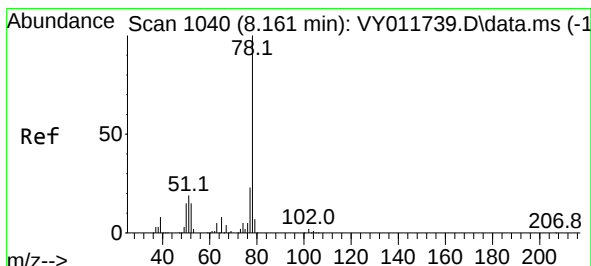
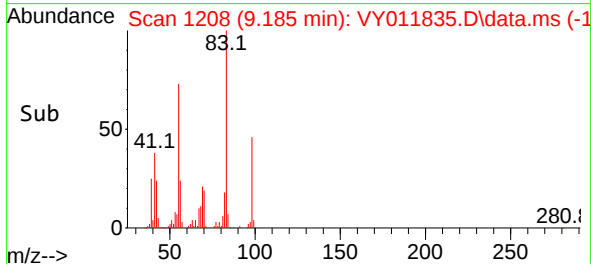
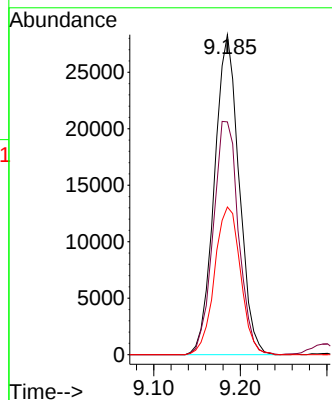
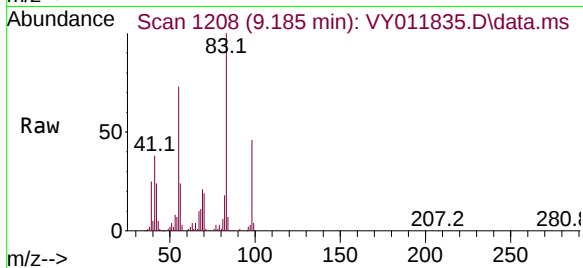
Tgt Ion: 83 Resp: 55999

Ion Ratio Lower Upper

83 100

55 72.7 58.2 87.2

98 46.1 38.6 58.0



#40

Benzene

Concen: 20.530 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011835.D

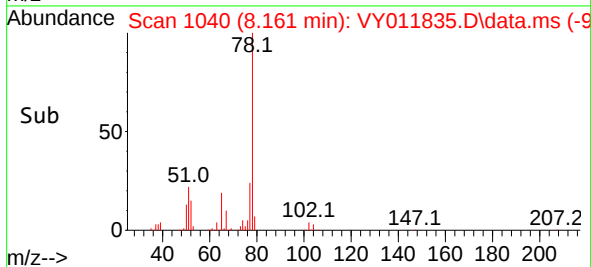
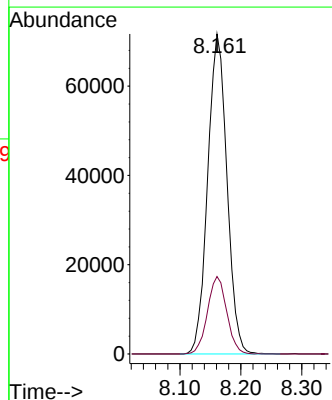
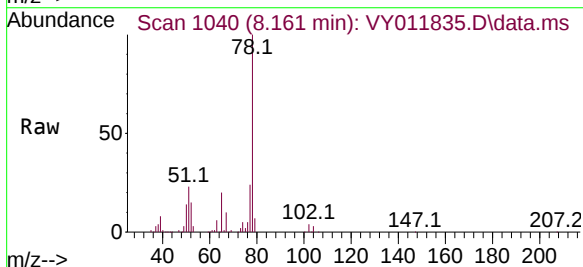
Acq: 14 Dec 2022 11:25

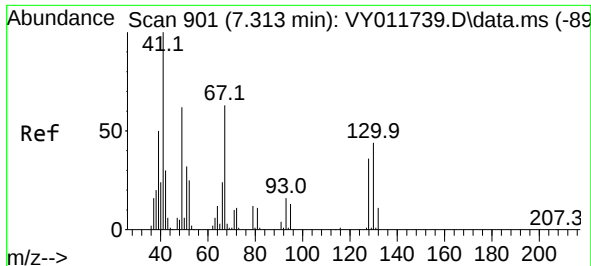
Tgt Ion: 78 Resp: 157420

Ion Ratio Lower Upper

78 100

77 24.2 18.6 27.8

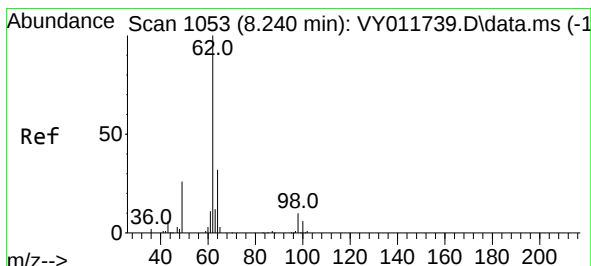
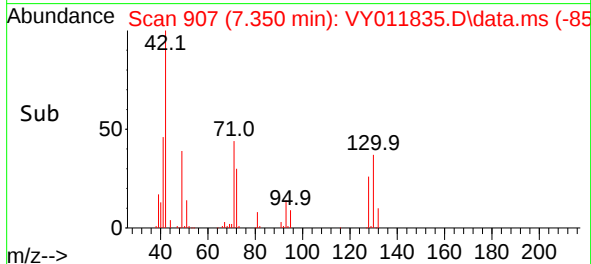
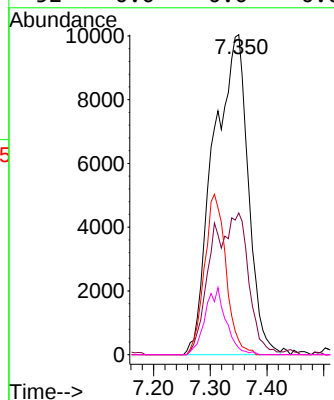
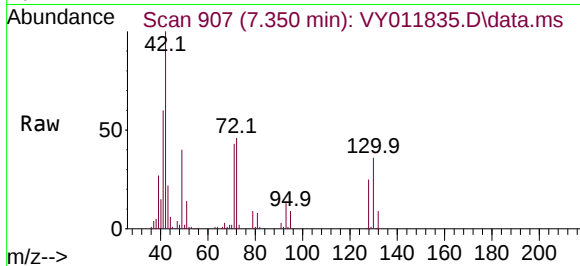




#41
Methacrylonitrile
Concen: 56.140 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

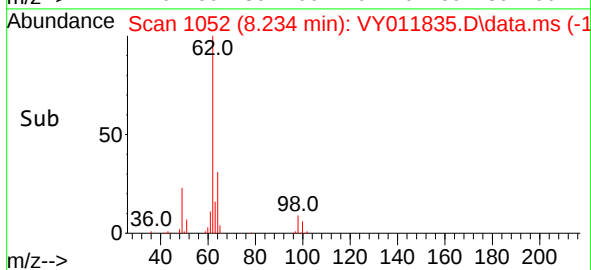
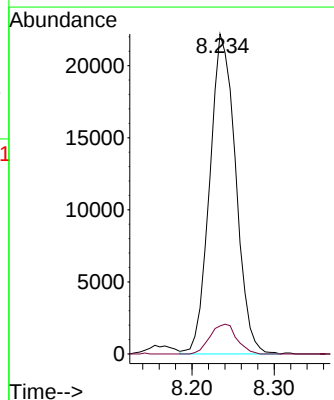
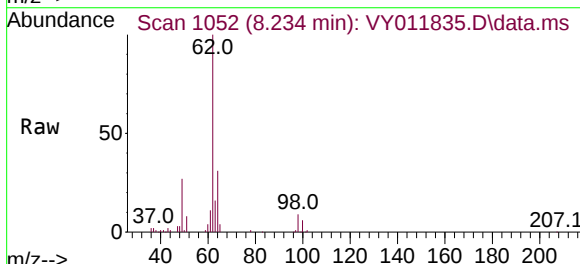
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

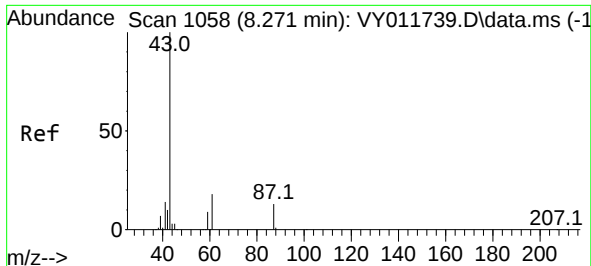
Tgt Ion:	41	Resp:	42527
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.567 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion:	62	Resp:	48767
Ion Ratio	Lower	Upper	
62	100		
98	9.6	0.0	19.6

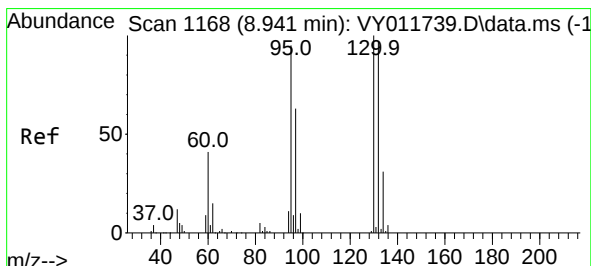
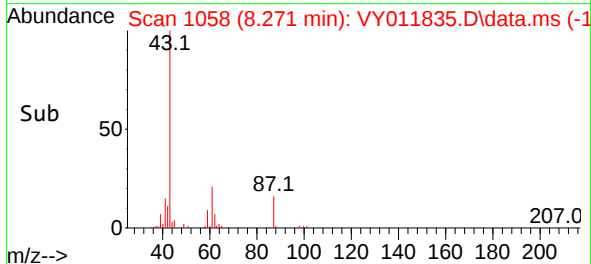
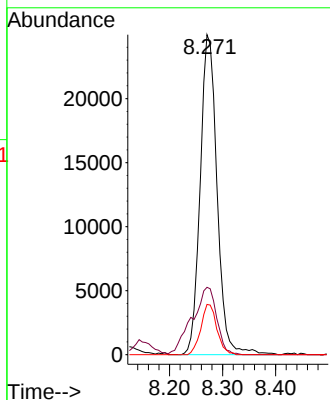
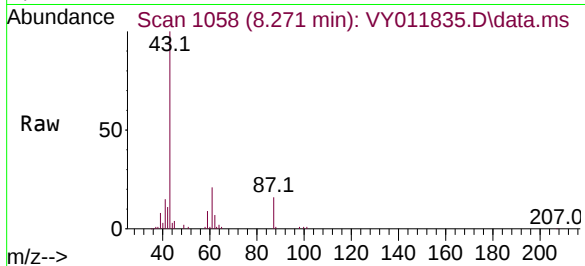




#43
Isopropyl Acetate
Concen: 20.313 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

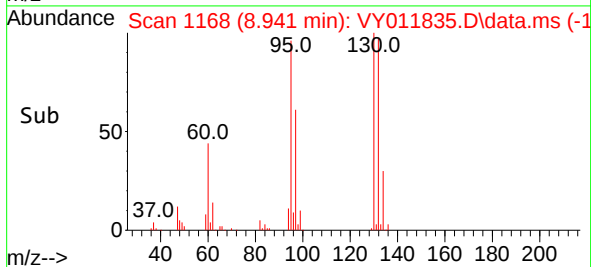
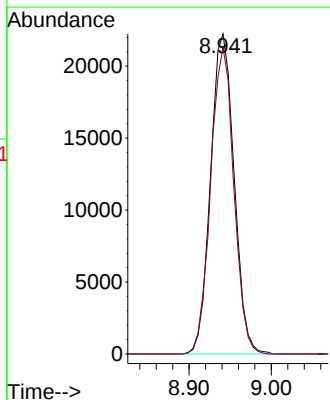
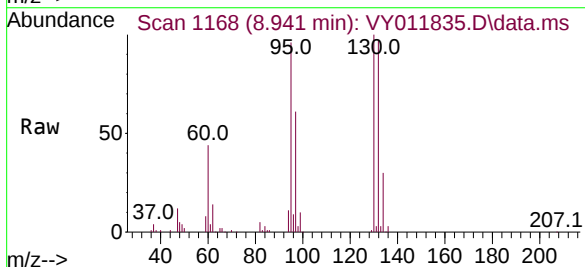
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

Tgt Ion: 43 Resp: 55270
Ion Ratio Lower Upper
43 100
61 30.6 24.4 36.6
87 14.9 11.4 17.2



#44
Trichloroethene
Concen: 20.528 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion: 130 Resp: 44083
Ion Ratio Lower Upper
130 100
95 95.9 0.0 190.6





#45

1,2-Dichloropropane

Concen: 20.406 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

Instrument :

MSVOA_Y

ClientSampleId :

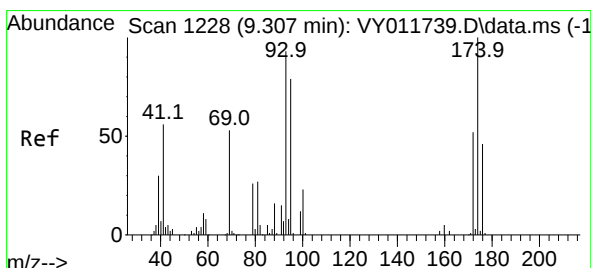
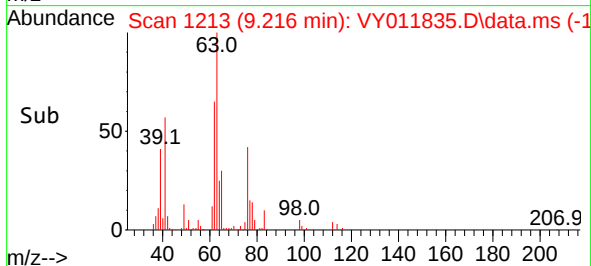
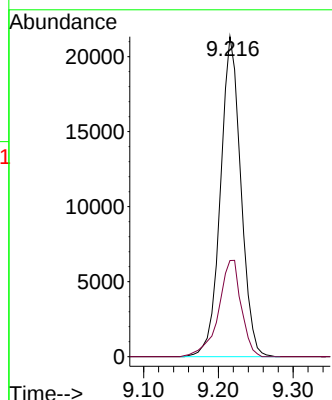
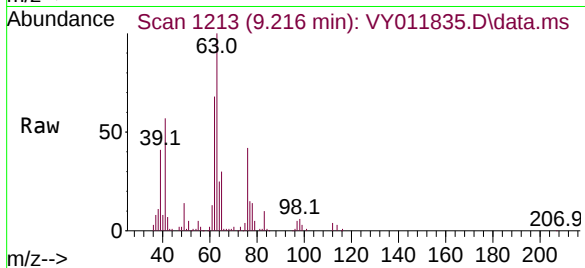
VY1214SBS01

Tgt Ion: 63 Resp: 40497

Ion Ratio Lower Upper

63 100

65 30.0 24.9 37.3



#46

Dibromomethane

Concen: 20.838 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

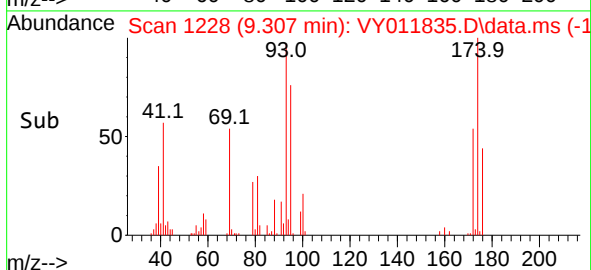
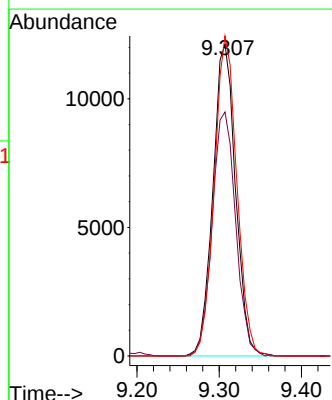
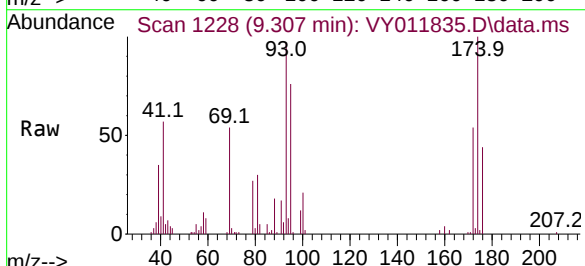
Tgt Ion: 93 Resp: 23149

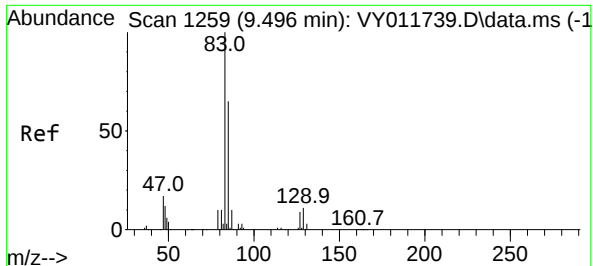
Ion Ratio Lower Upper

93 100

95 81.1 66.1 99.1

174 102.3 84.7 127.1





#47

Bromodichloromethane

Concen: 20.398 ug/l

RT: 9.496 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

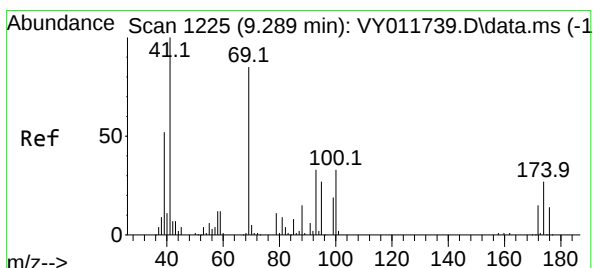
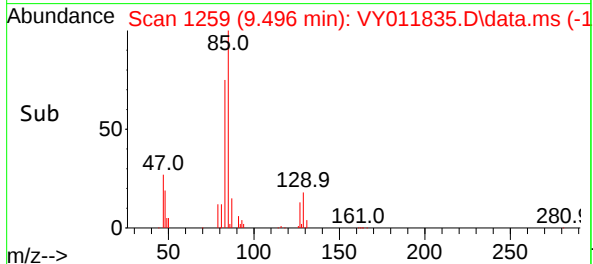
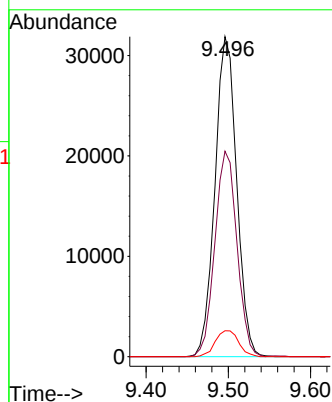
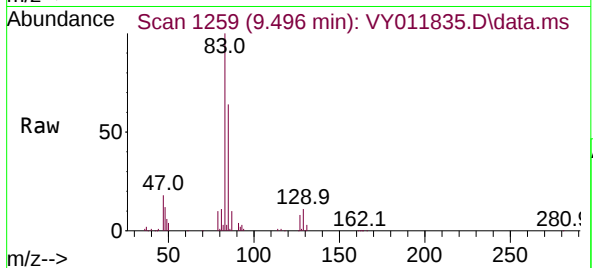
Tgt Ion: 83 Resp: 58541

Ion Ratio Lower Upper

83 100

85 64.2 52.0 78.0

127 8.1 7.3 10.9



#48

Methyl methacrylate

Concen: 20.408 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

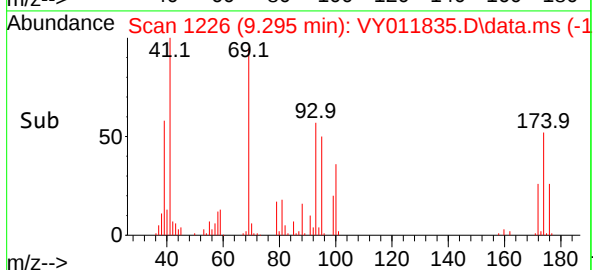
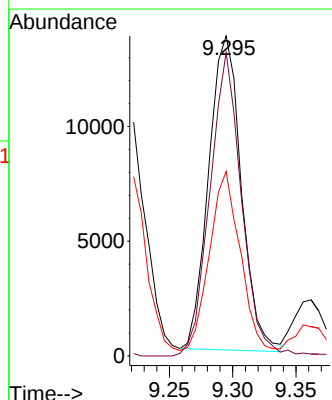
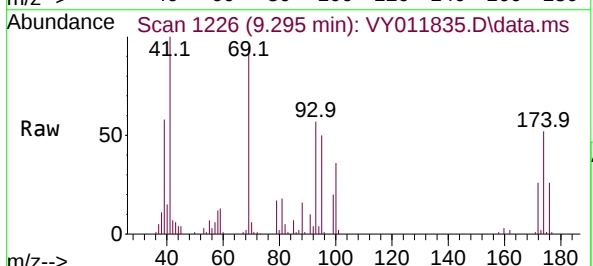
Tgt Ion: 41 Resp: 24477

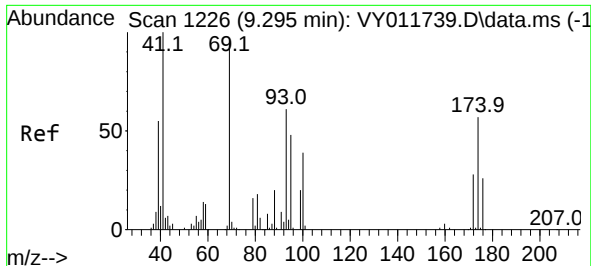
Ion Ratio Lower Upper

41 100

69 94.0 74.2 111.2

39 57.9 46.3 69.5





#49

1,4-Dioxane

Concen: 407.219 ug/l

RT: 9.301 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

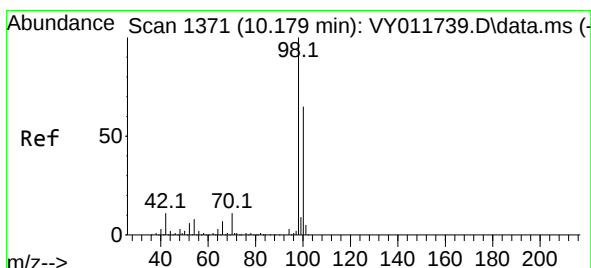
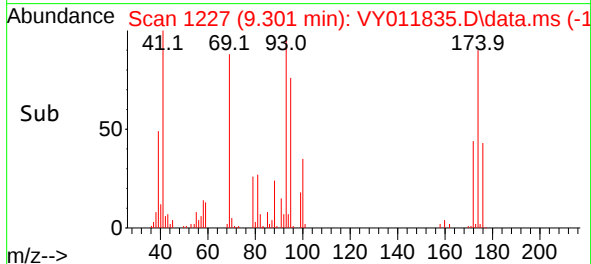
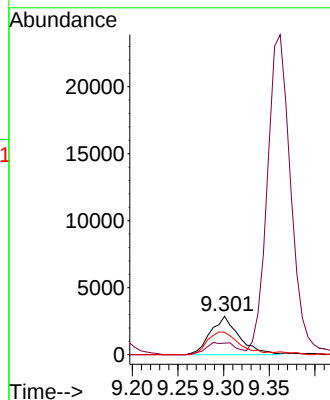
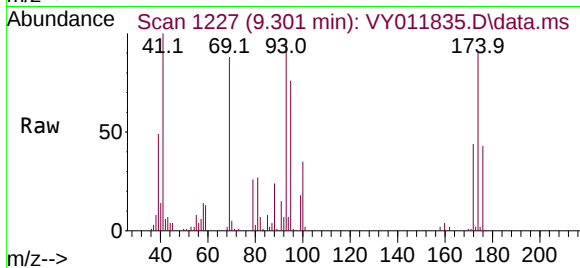
Tgt Ion: 88 Resp: 6267

Ion Ratio Lower Upper

88 100

43 33.9 26.2 39.2

58 66.4 54.3 81.5



#50

Toluene-d8

Concen: 47.553 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011835.D

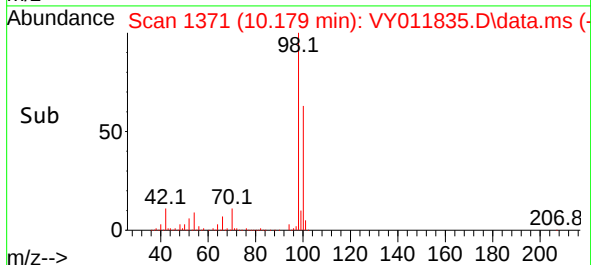
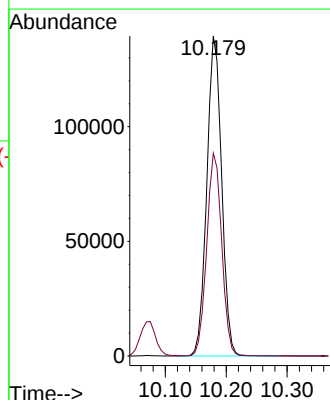
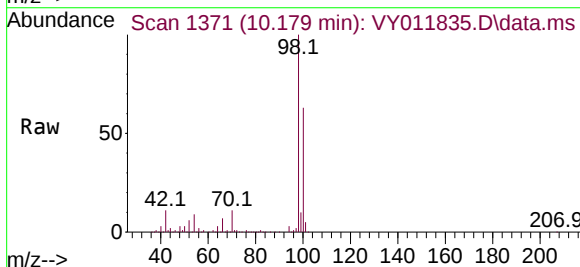
Acq: 14 Dec 2022 11:25

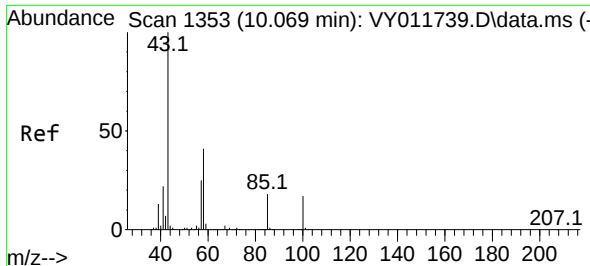
Tgt Ion: 98 Resp: 235890

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9

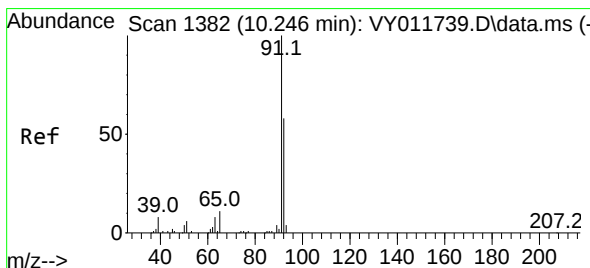
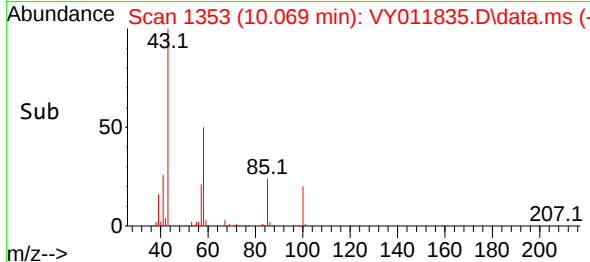
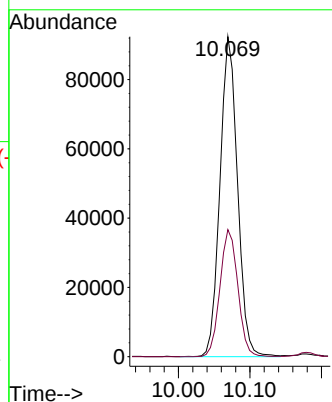
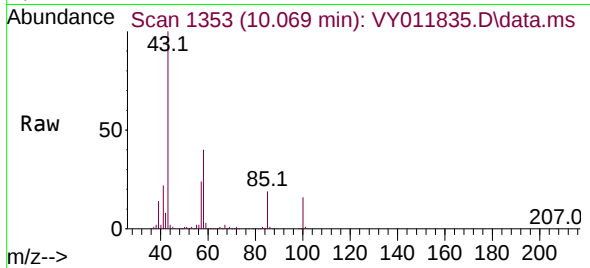




#51
4-Methyl-2-Pentanone
Concen: 105.094 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

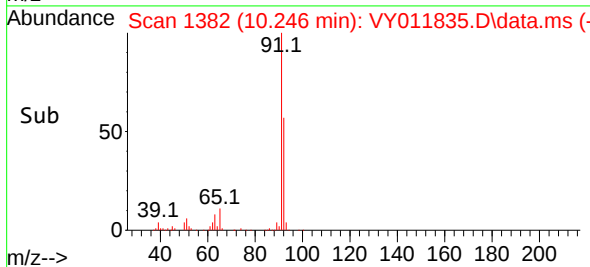
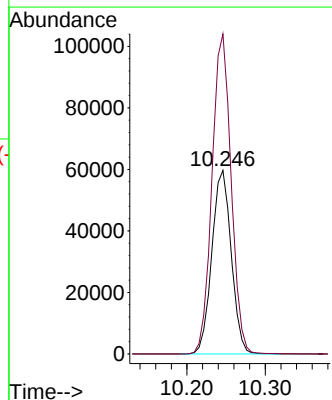
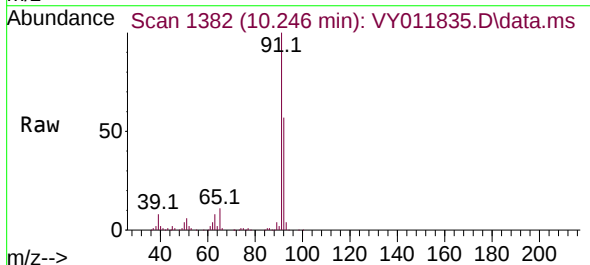
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

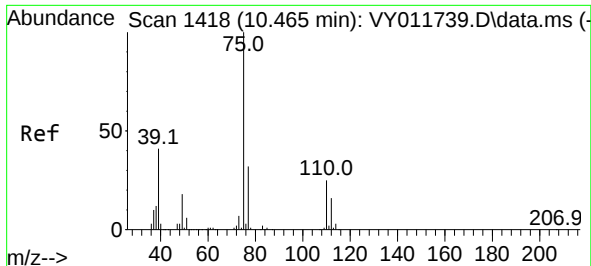
Tgt Ion: 43 Resp: 157565
Ion Ratio Lower Upper
43 100
58 40.4 32.9 49.3



#52
Toluene
Concen: 21.035 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion: 92 Resp: 102535
Ion Ratio Lower Upper
92 100
91 172.0 137.4 206.0

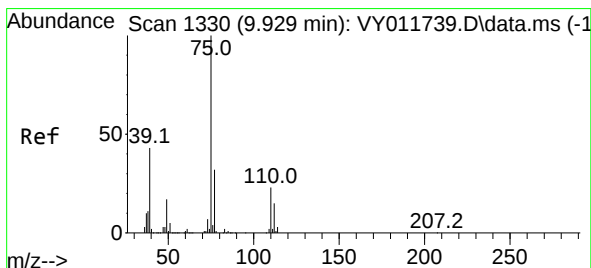
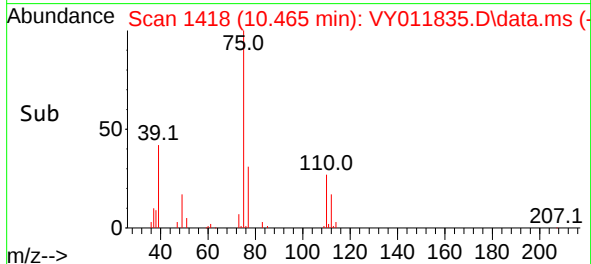
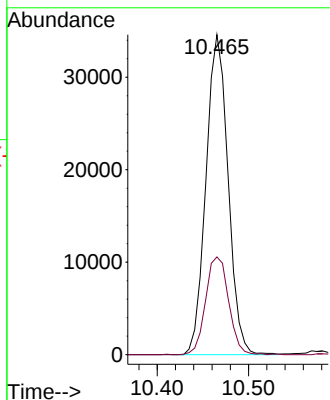
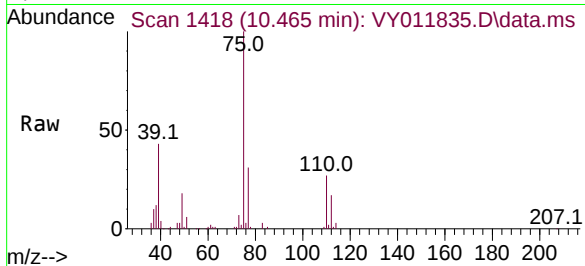




#53
t-1,3-Dichloropropene
Concen: 20.274 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

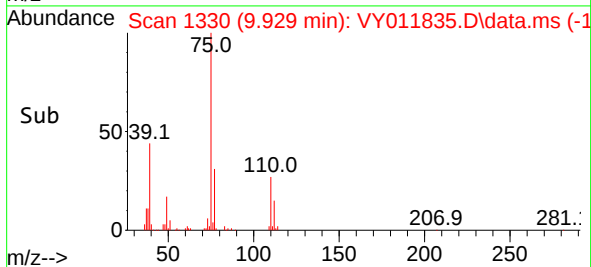
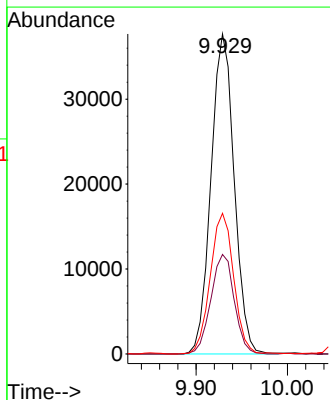
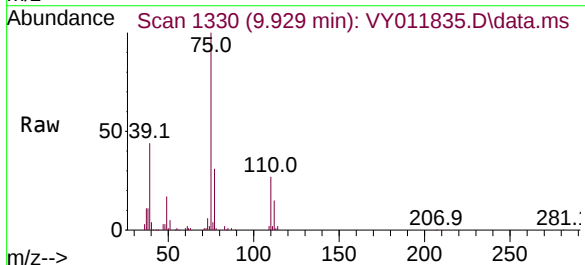
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

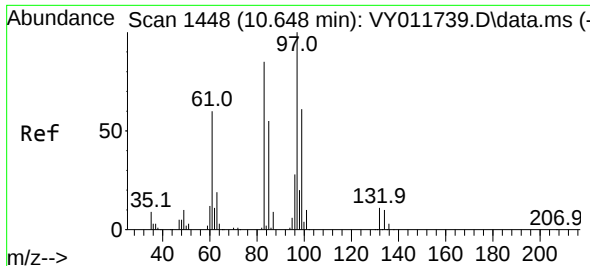
Tgt Ion: 75 Resp: 58120
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 20.617 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion: 75 Resp: 66405
Ion Ratio Lower Upper
75 100
77 31.1 25.9 38.9
39 44.0 34.6 52.0

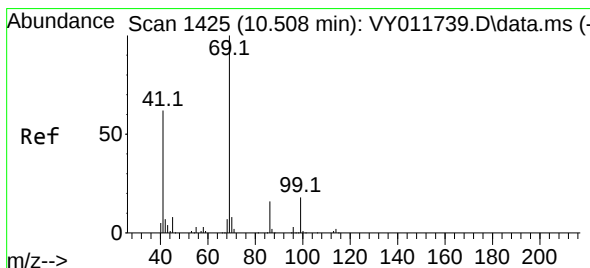
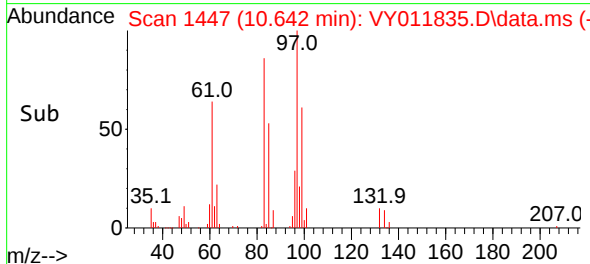
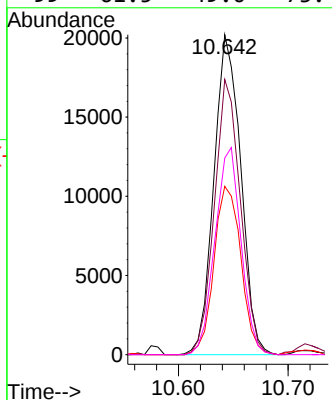
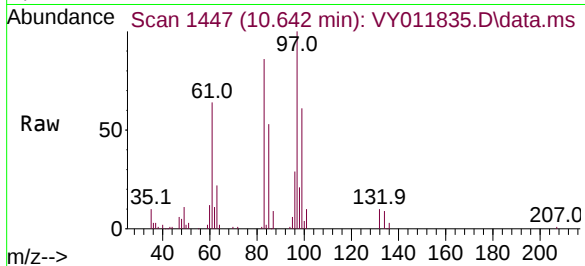




#55
1,1,2-Trichloroethane
Concen: 20.951 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

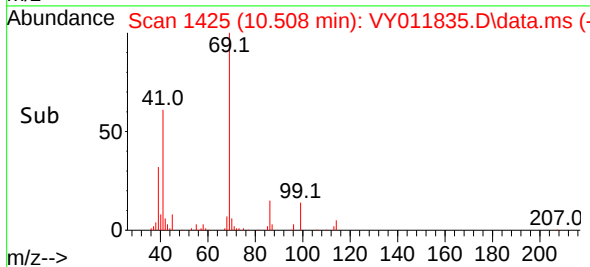
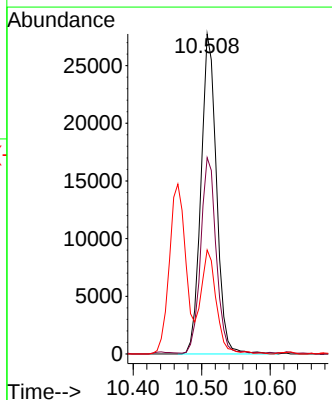
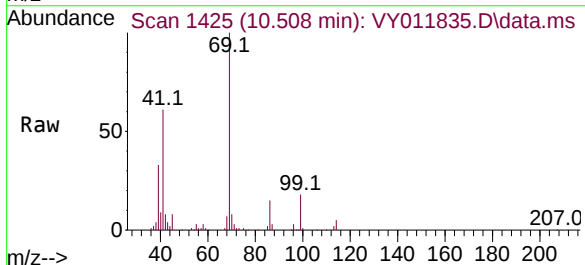
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

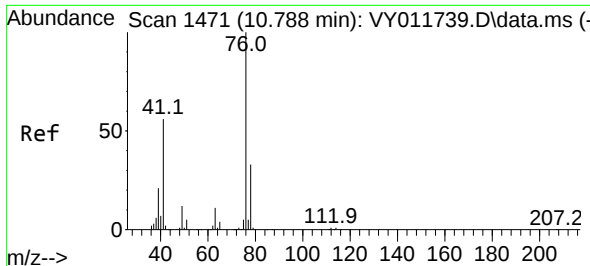
Tgt Ion: 97	Resp: 34401
Ion Ratio	Lower Upper
97 100	
83 86.0	67.7 101.5
85 52.6	43.8 65.8
99 61.5	49.0 73.4



#56
Ethyl methacrylate
Concen: 20.667 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion: 69	Resp: 43805		
Ion Ratio	Lower	Upper	
69 100			
41 60.9	48.9	73.3	
39 31.9	25.9	38.9	





#57

1,3-Dichloropropane

Concen: 20.702 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

Instrument :

MSVOA_Y

ClientSampleId :

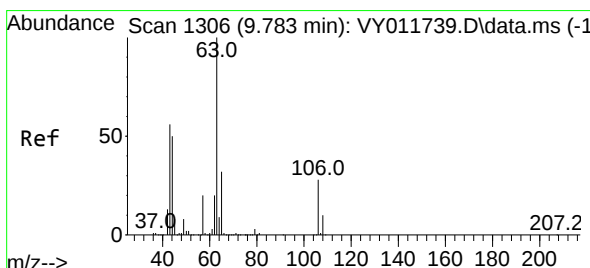
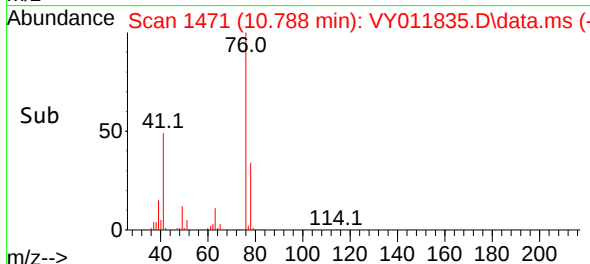
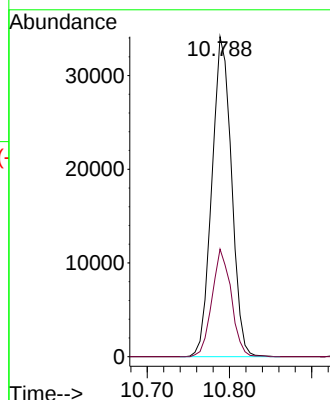
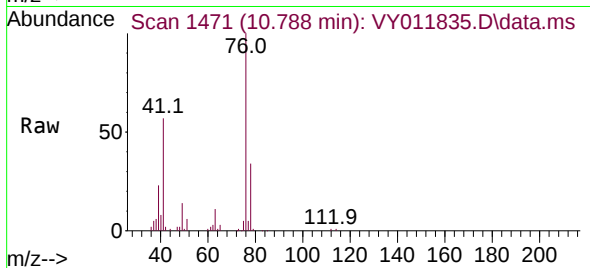
VY1214SBS01

Tgt Ion: 76 Resp: 56660

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 105.811 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011835.D

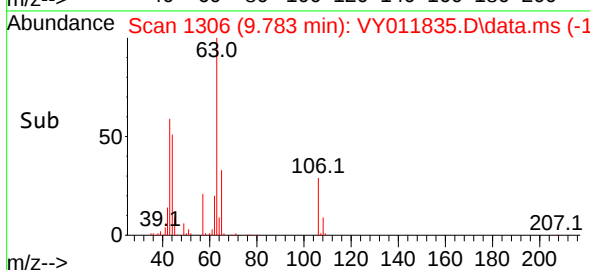
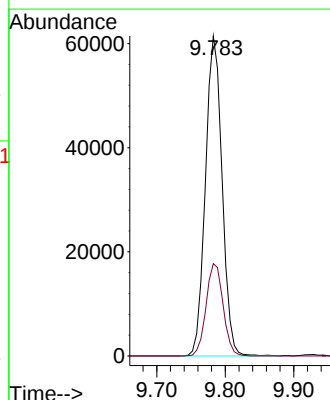
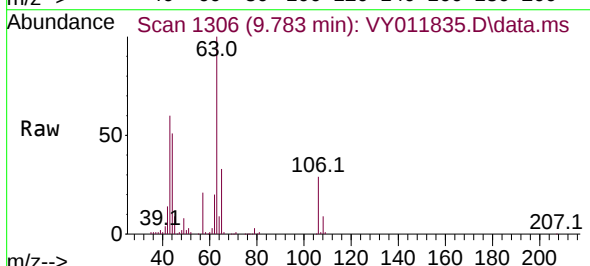
Acq: 14 Dec 2022 11:25

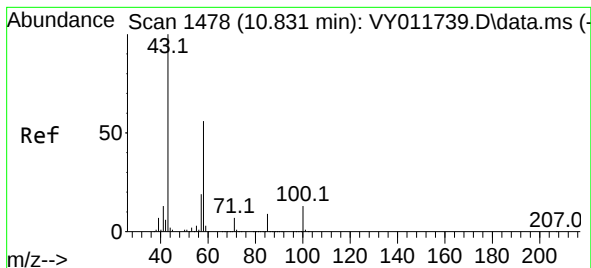
Tgt Ion: 63 Resp: 103996

Ion Ratio Lower Upper

63 100

106 29.4 23.2 34.8

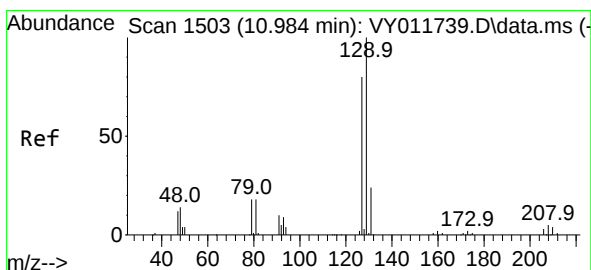
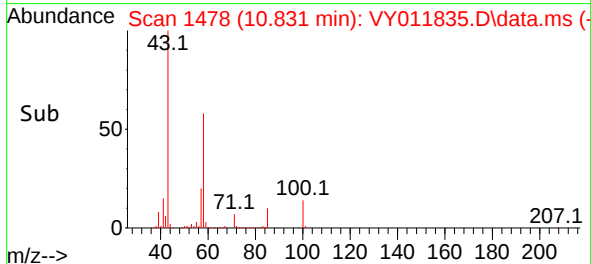
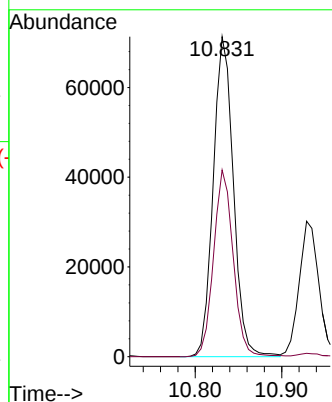
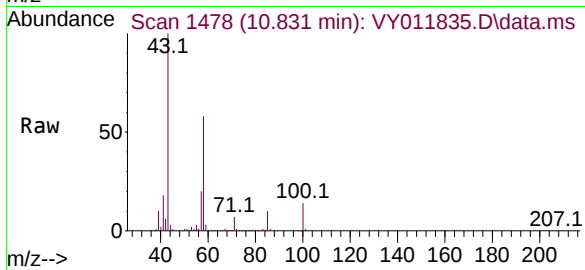




#59
2-Hexanone
Concen: 107.696 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

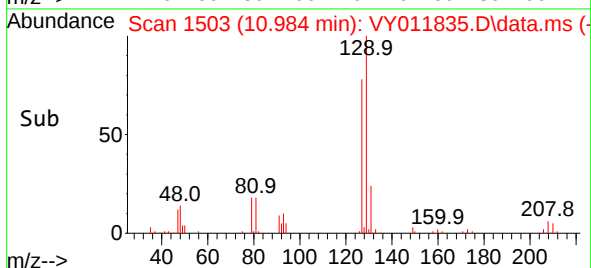
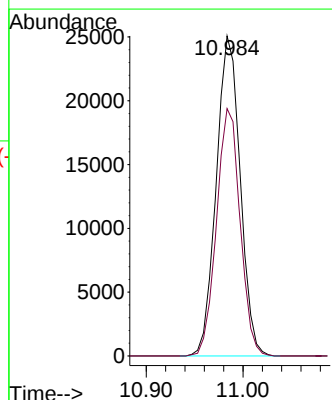
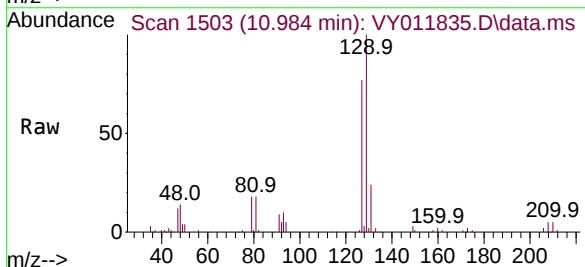
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

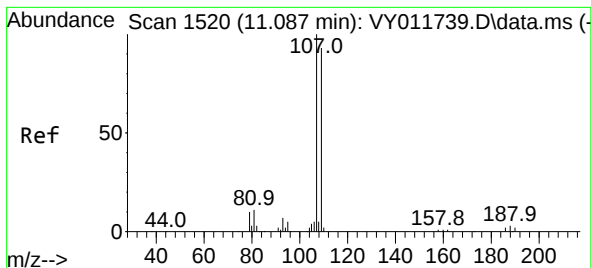
Tgt Ion: 43 Resp: 115365
Ion Ratio Lower Upper
43 100
58 56.7 28.4 85.2



#60
Dibromochloromethane
Concen: 20.933 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion: 129 Resp: 43048
Ion Ratio Lower Upper
129 100
127 76.1 38.9 116.6

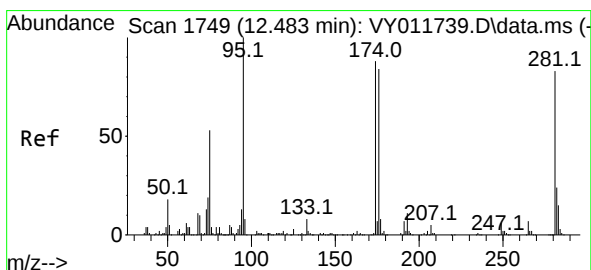
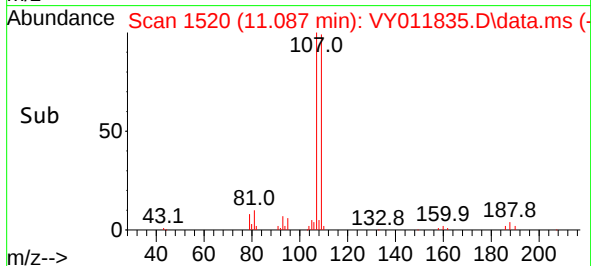
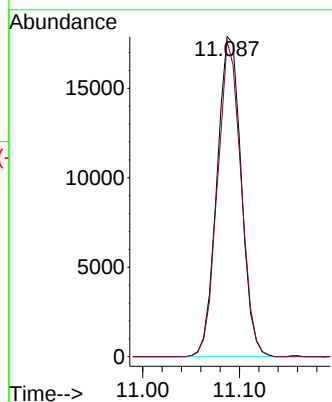
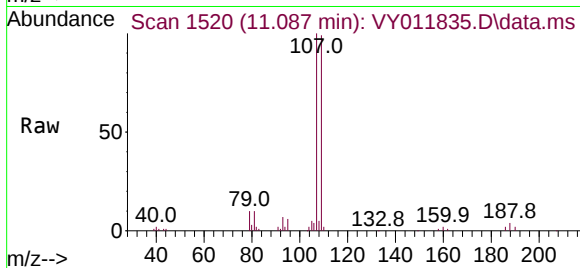




#61
1,2-Dibromoethane
Concen: 20.951 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

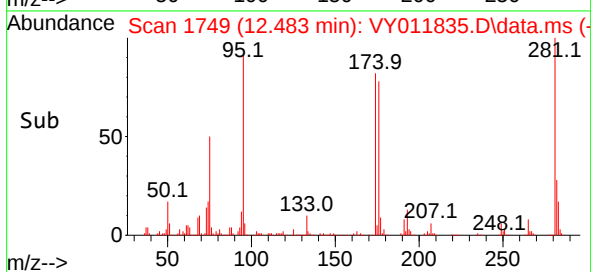
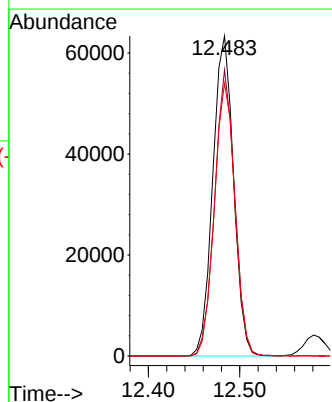
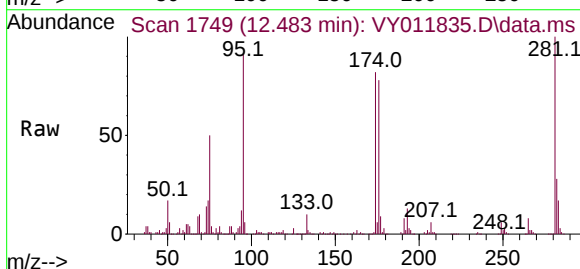
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

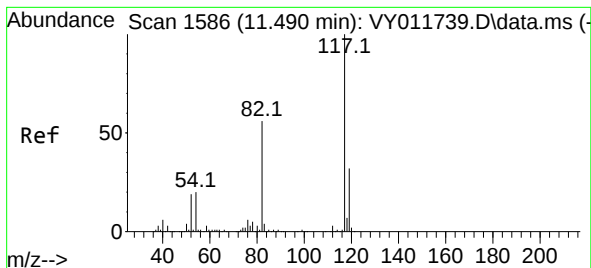
Tgt Ion:107 Resp: 31165
Ion Ratio Lower Upper
107 100
109 95.6 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 50.942 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion: 95 Resp: 99728
Ion Ratio Lower Upper
95 100
174 86.8 0.0 172.0
176 84.9 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

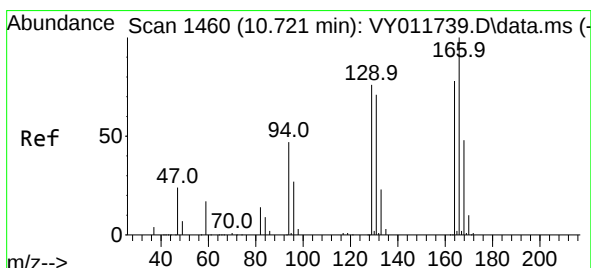
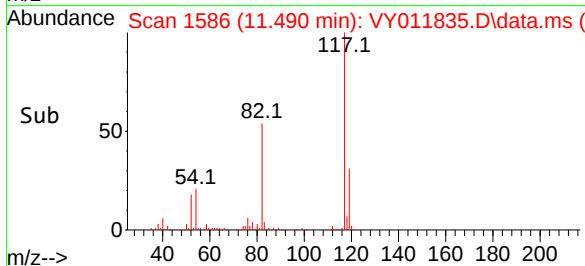
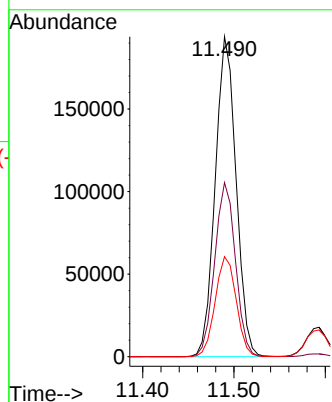
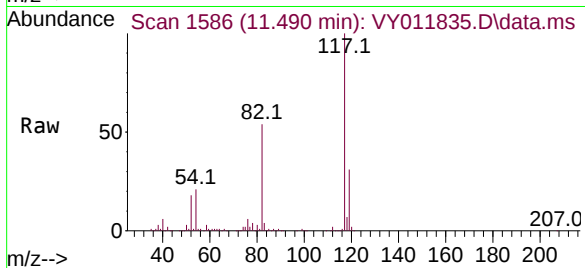
Tgt Ion:117 Resp: 307403

Ion Ratio Lower Upper

117 100

82 54.4 44.8 67.2

119 31.2 25.4 38.2



#64

Tetrachloroethene

Concen: 20.098 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

Tgt Ion:164 Resp: 43711

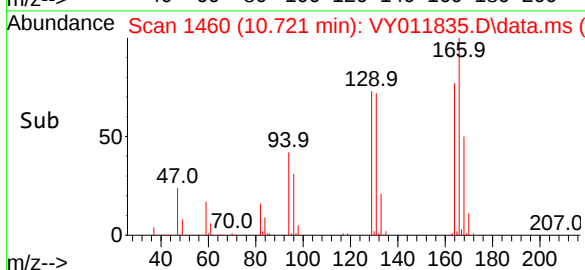
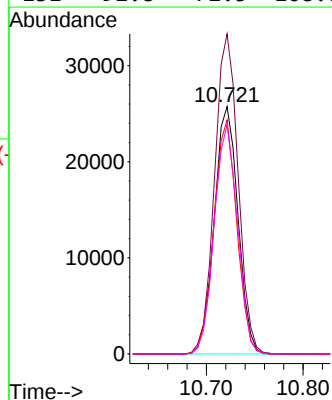
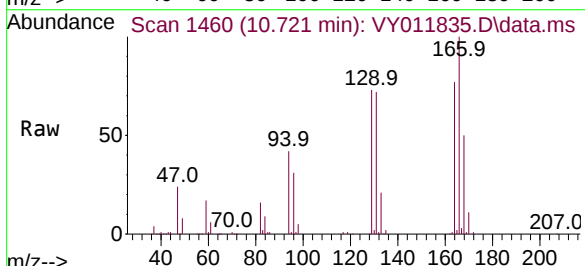
Ion Ratio Lower Upper

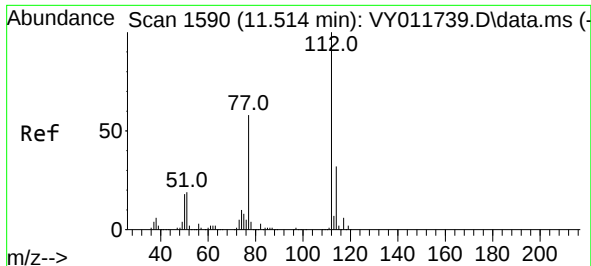
164 100

166 129.4 102.3 153.5

129 94.6 77.2 115.8

131 92.8 72.5 108.7

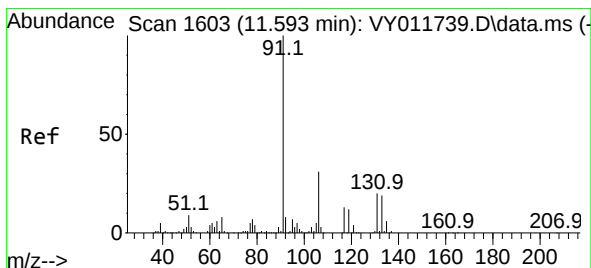
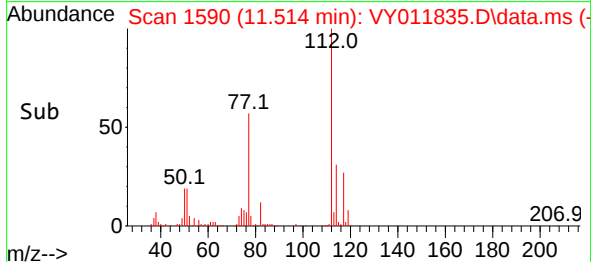
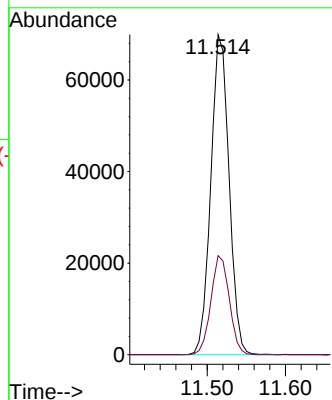
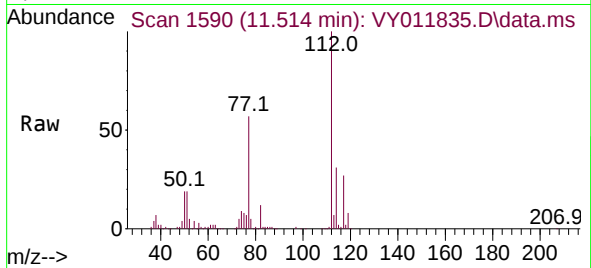




#65
Chlorobenzene
Concen: 20.384 ug/l
RT: 11.514 min Scan# 112905
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

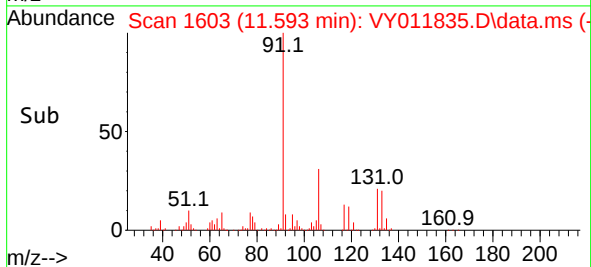
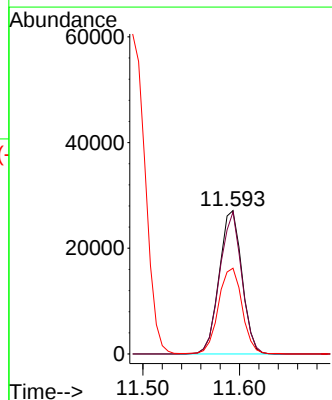
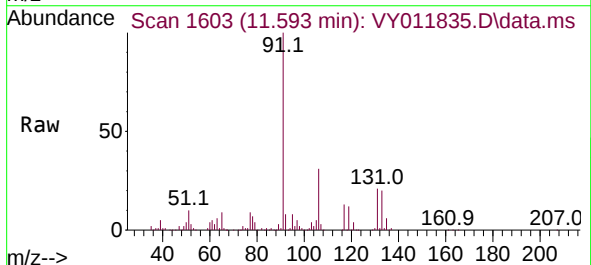
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

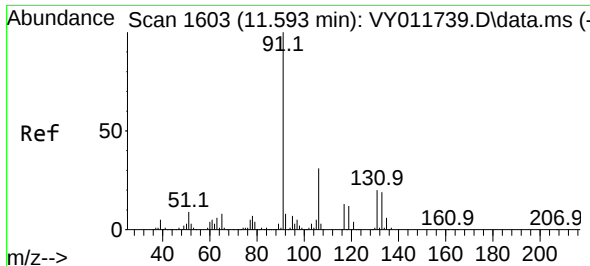
Tgt Ion:112 Resp: 112905
Ion Ratio Lower Upper
112 100
114 31.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.589 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion:131 Resp: 44241
Ion Ratio Lower Upper
131 100
133 95.9 47.3 142.0
119 62.5 32.1 96.3

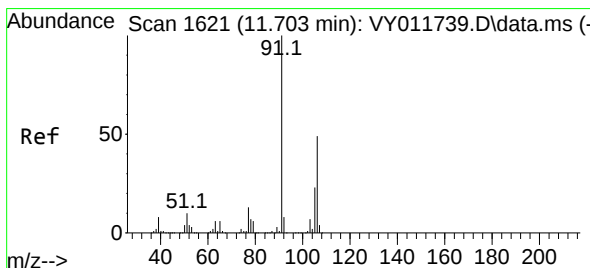
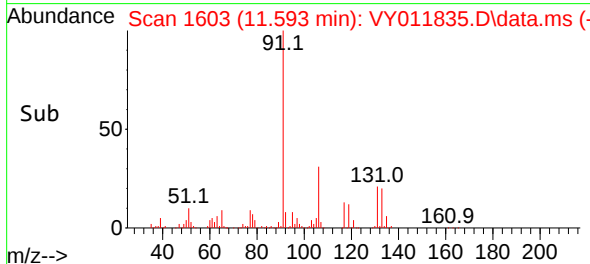
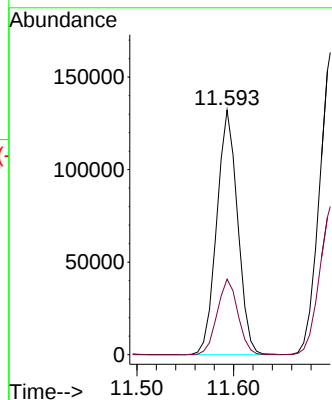
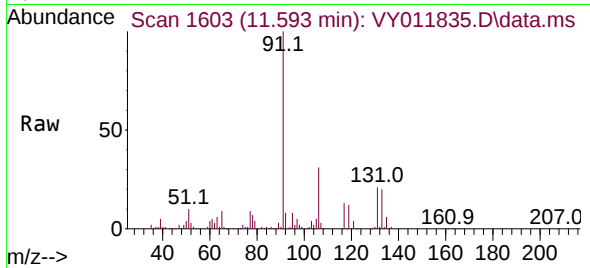




#67
Ethyl Benzene
Concen: 20.289 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

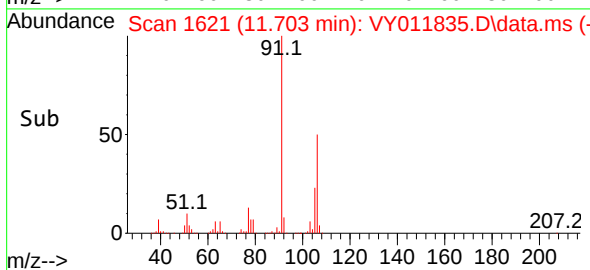
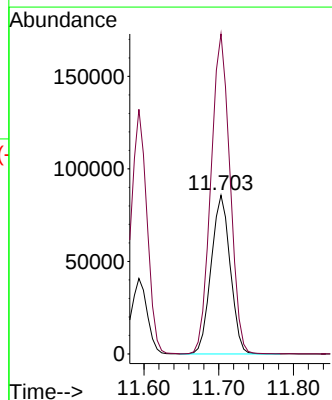
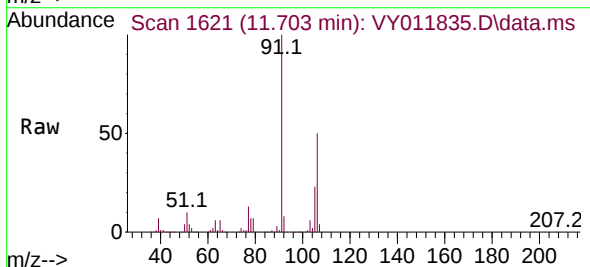
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

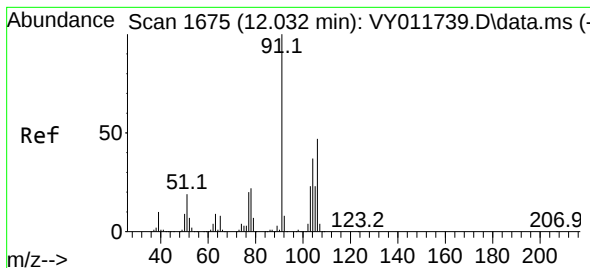
Tgt Ion: 91 Resp: 198014
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.4



#68
m/p-Xylenes
Concen: 40.824 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion:106 Resp: 152582
Ion Ratio Lower Upper
106 100
91 201.2 162.5 243.7

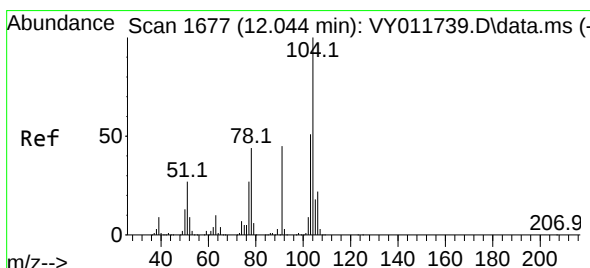
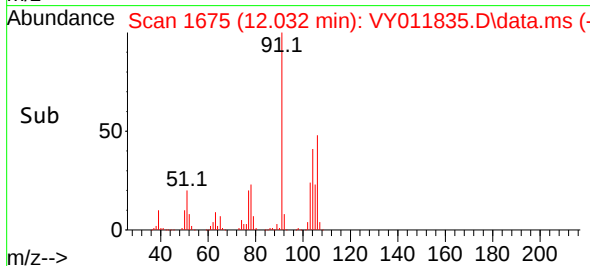
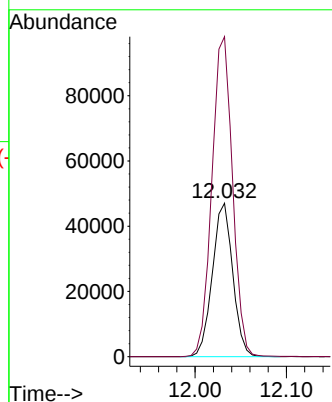
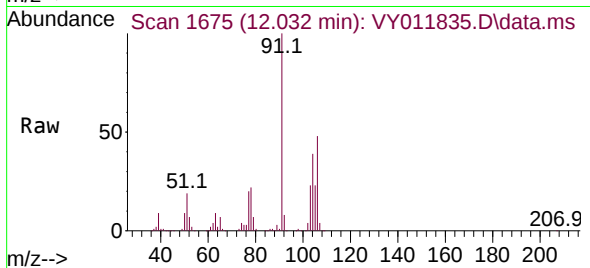




#69
o-Xylene
Concen: 20.437 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

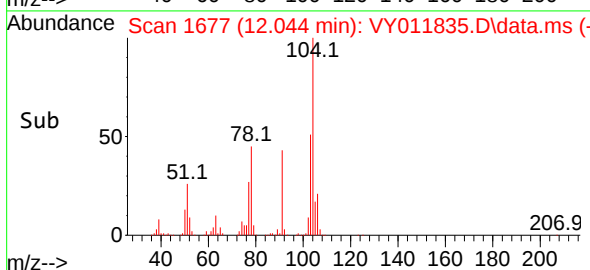
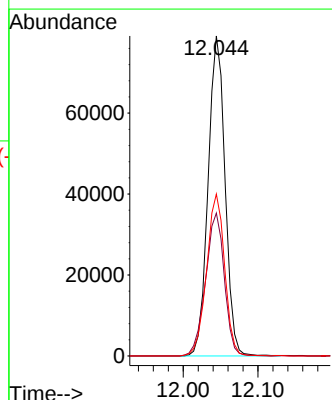
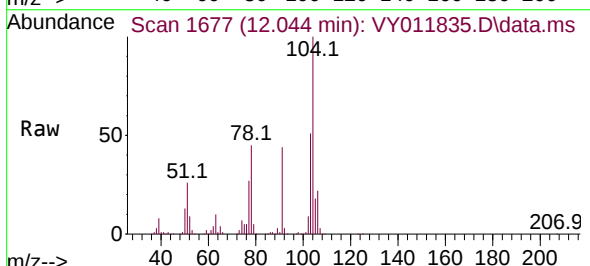
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

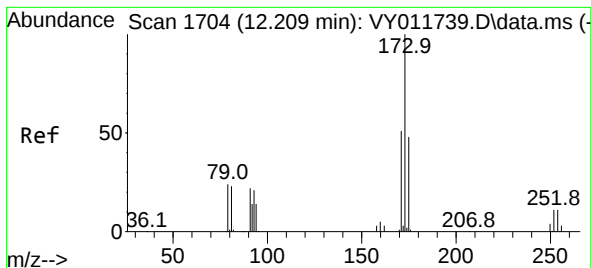
Tgt Ion:106 Resp: 72808
Ion Ratio Lower Upper
106 100
91 211.5 107.5 322.4



#70
Styrene
Concen: 20.478 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion:104 Resp: 124518
Ion Ratio Lower Upper
104 100
78 49.3 39.4 59.0
103 53.9 43.0 64.4





#71

Bromoform

Concen: 21.149 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

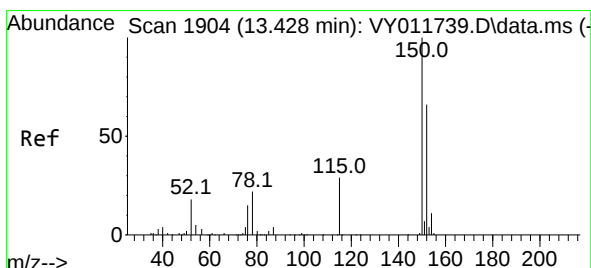
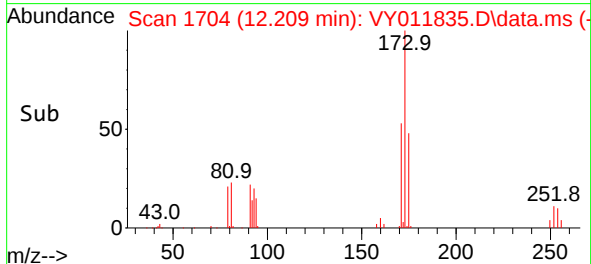
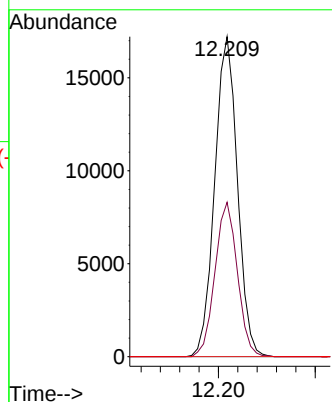
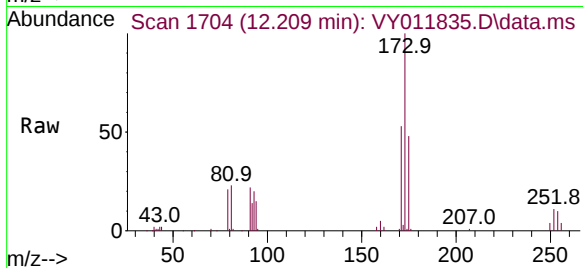
Tgt Ion:173 Resp: 28030

Ion Ratio Lower Upper

173 100

175 47.6 23.8 71.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

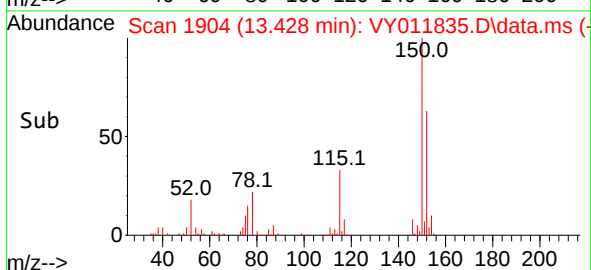
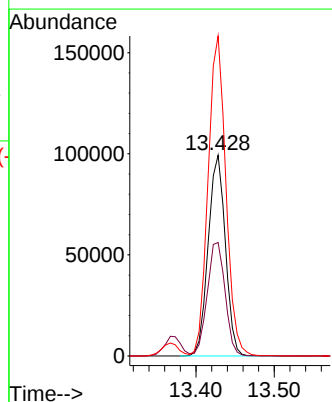
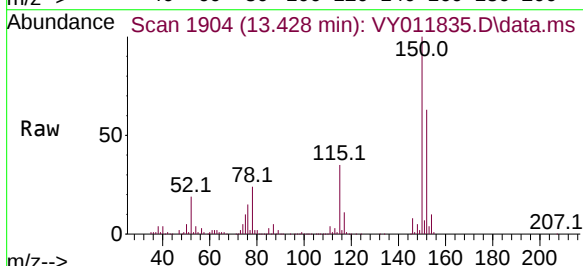
Tgt Ion:152 Resp: 151409

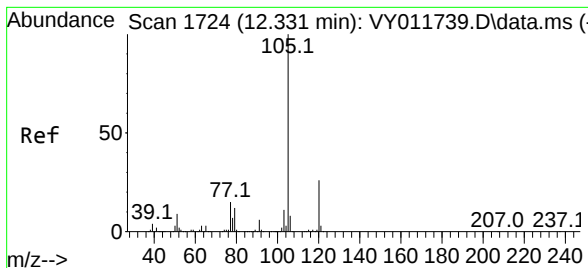
Ion Ratio Lower Upper

152 100

115 58.8 29.1 87.3

150 164.8 0.0 342.6





#73

Isopropylbenzene

Concen: 20.439 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

Instrument :

MSVOA_Y

ClientSampleId :

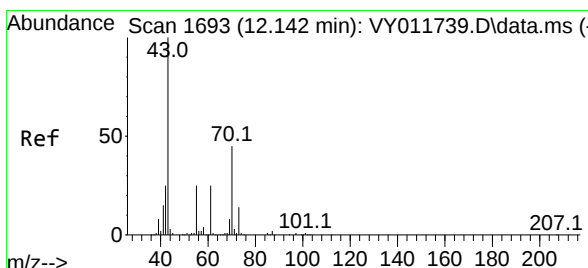
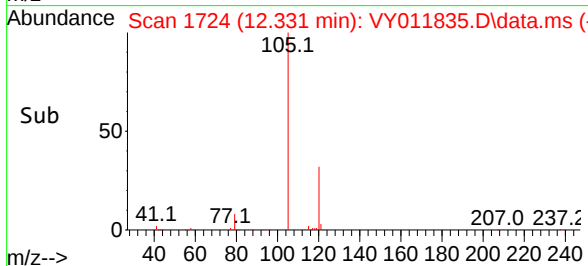
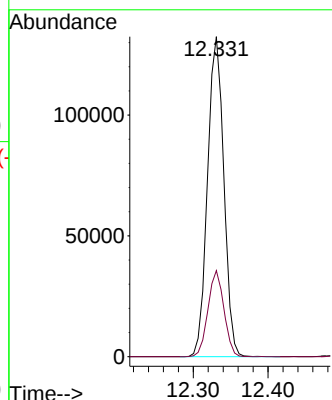
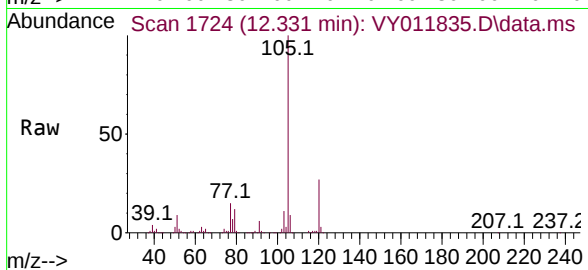
VY1214SBS01

Tgt Ion:105 Resp: 200506

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 19.940 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

Tgt Ion: 43 Resp: 47029

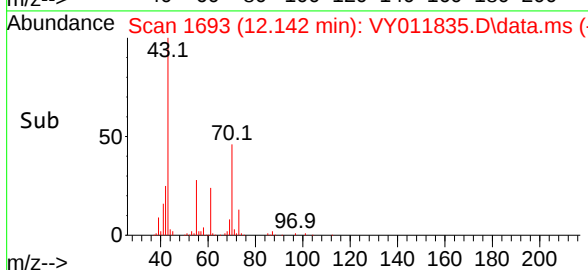
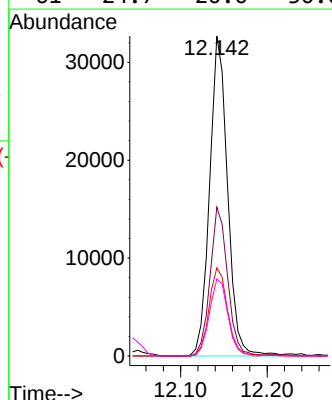
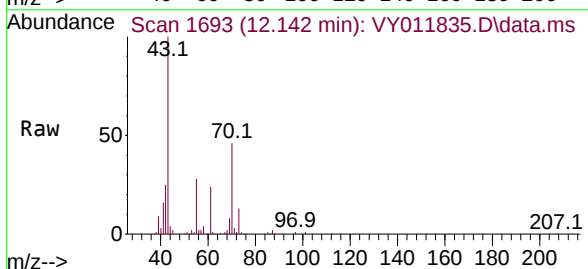
Ion Ratio Lower Upper

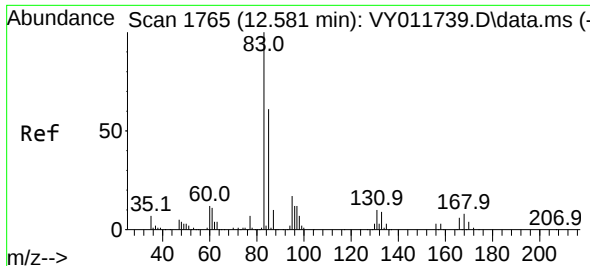
43 100

70 45.5 35.8 53.8

55 28.4 21.0 31.4

61 24.7 20.0 30.0

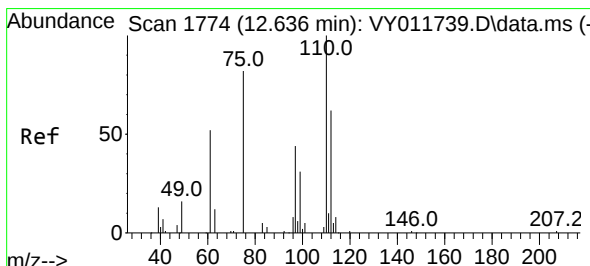
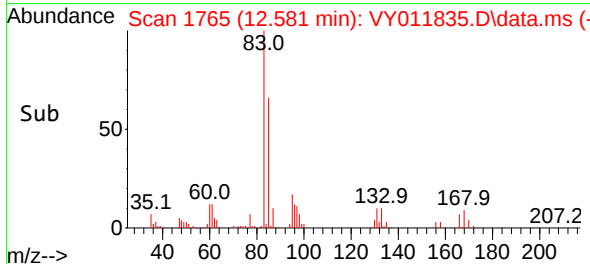
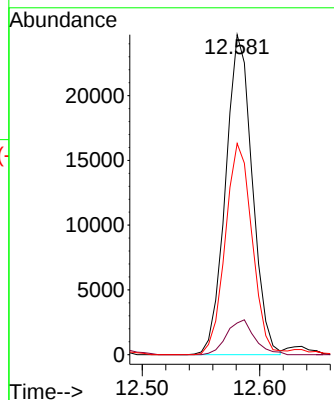
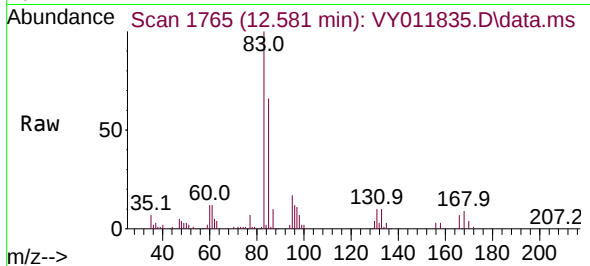




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.371 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY011835.D
 Acq: 14 Dec 2022 11:25

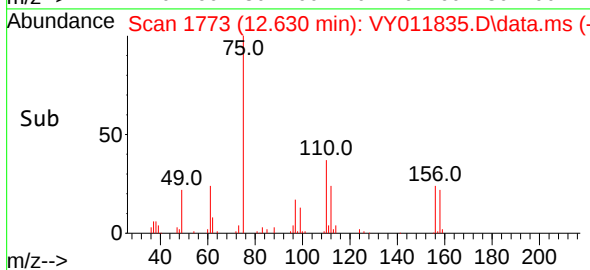
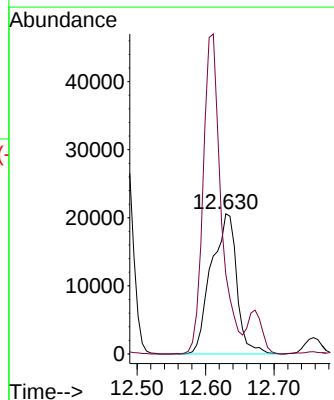
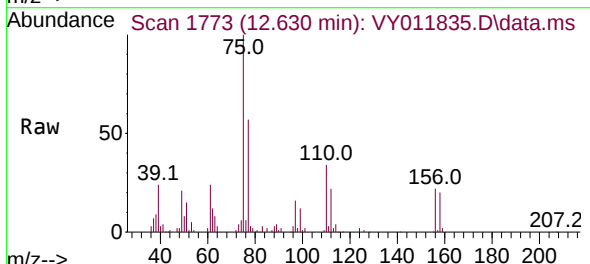
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1214SBS01

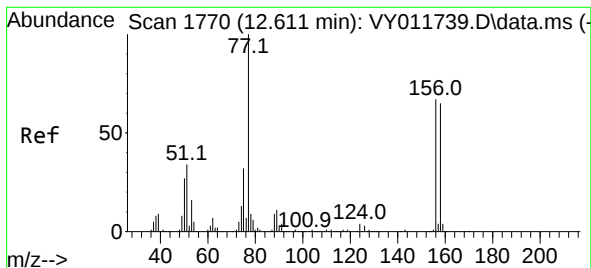
Tgt Ion: 83 Resp: 38919
 Ion Ratio Lower Upper
 83 100
 131 11.4 5.6 16.8
 85 66.7 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 34.662 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VY011835.D
 Acq: 14 Dec 2022 11:25

Tgt Ion: 75 Resp: 53098
 Ion Ratio Lower Upper
 75 100
 77 162.4 0.0 0.0#





#77

Bromobenzene

Concen: 20.411 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

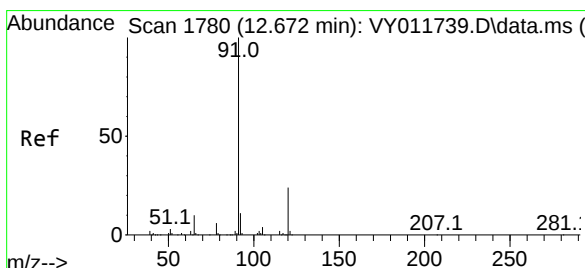
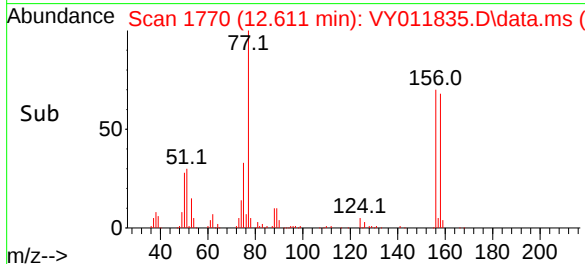
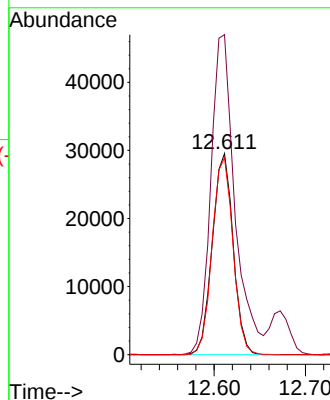
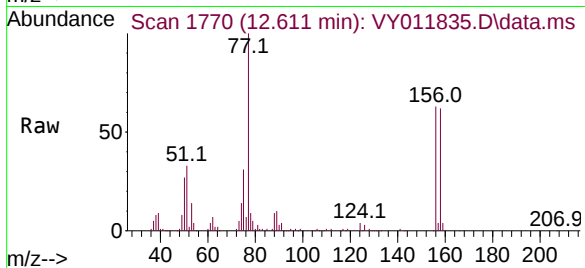
Tgt Ion:156 Resp: 46749

Ion Ratio Lower Upper

156 100

77 184.4 90.0 270.0

158 97.8 48.4 145.2



#78

n-propylbenzene

Concen: 20.484 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY011835.D

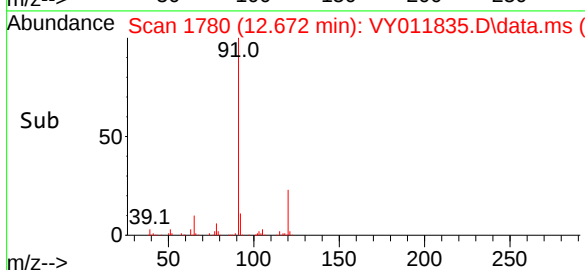
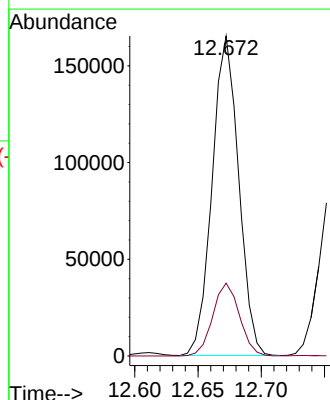
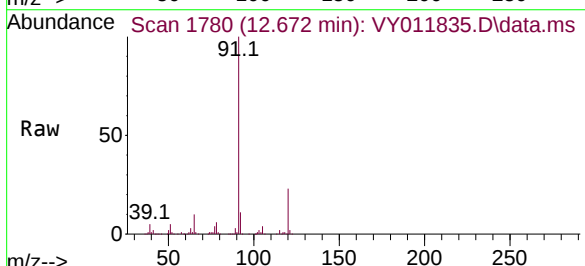
Acq: 14 Dec 2022 11:25

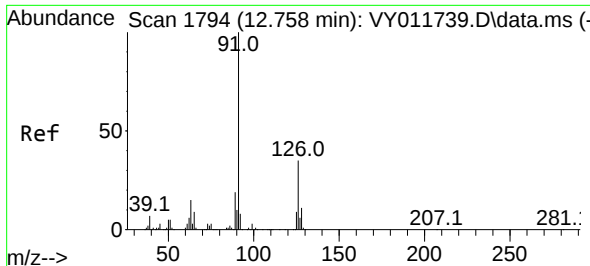
Tgt Ion: 91 Resp: 240808

Ion Ratio Lower Upper

91 100

120 22.9 11.8 35.4





#79

2-Chlorotoluene

Concen: 20.250 ug/l

RT: 12.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

Instrument :

MSVOA_Y

ClientSampleId :

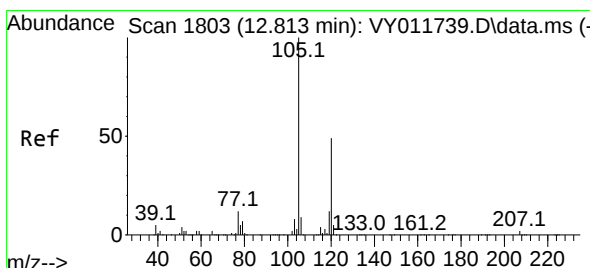
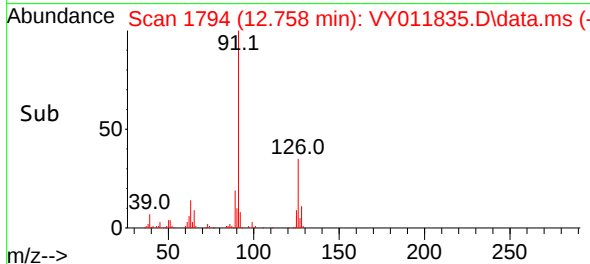
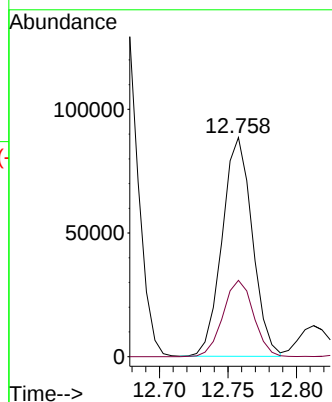
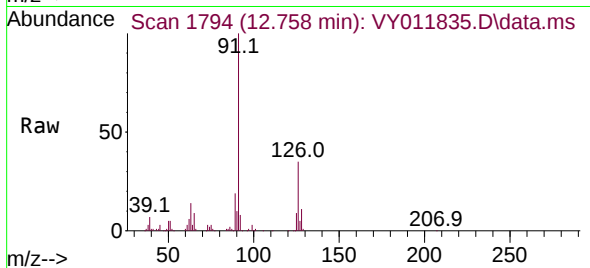
VY1214SBS01

Tgt Ion: 91 Resp: 135862

Ion Ratio Lower Upper

91 100

126 35.3 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 20.645 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY011835.D

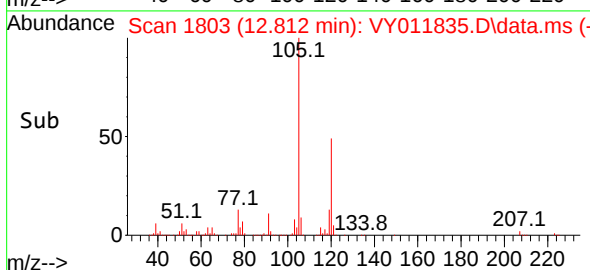
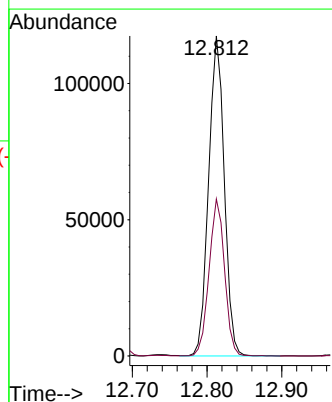
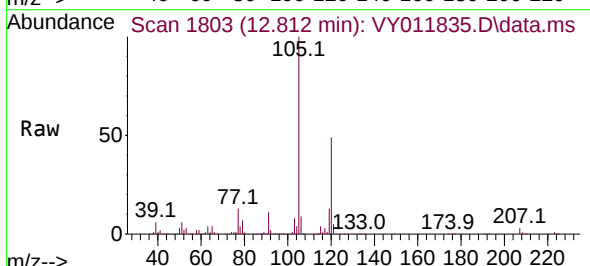
Acq: 14 Dec 2022 11:25

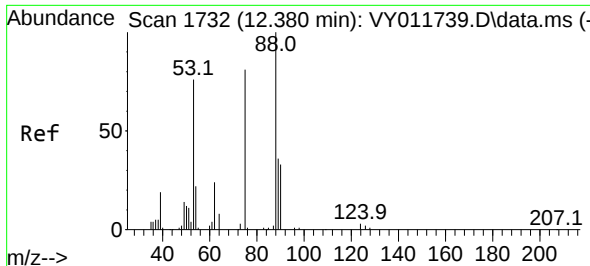
Tgt Ion: 105 Resp: 171178

Ion Ratio Lower Upper

105 100

120 48.5 24.2 72.6

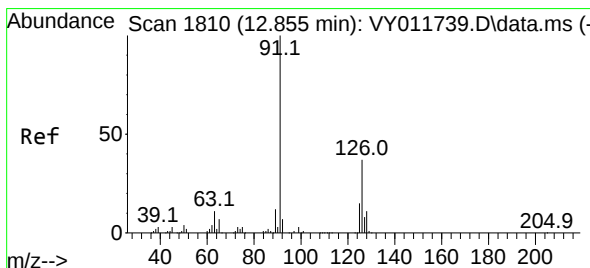
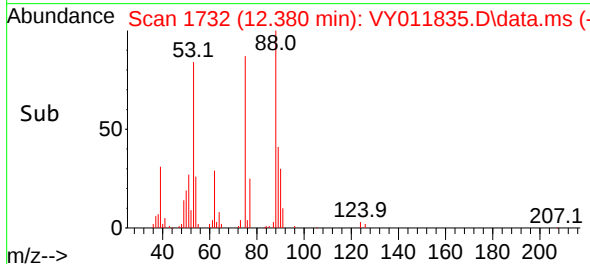
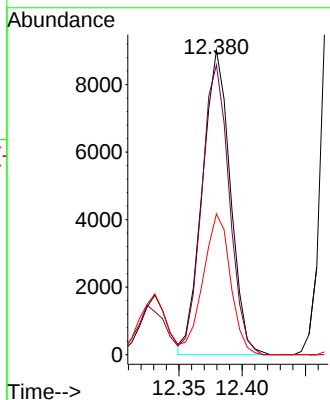
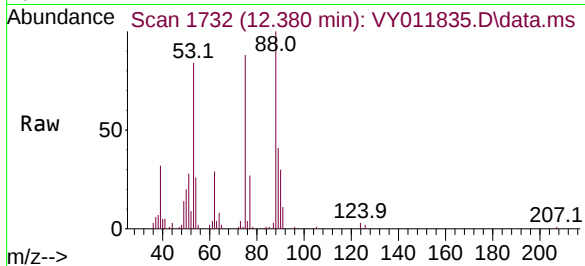




#81
trans-1,4-Dichloro-2-butene
Concen: 20.485 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

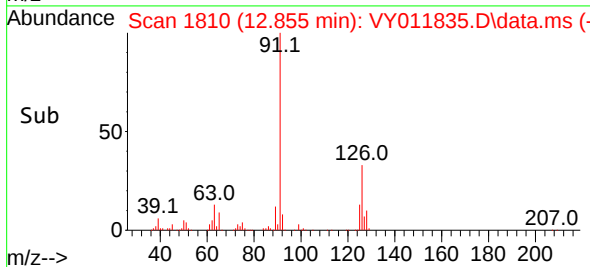
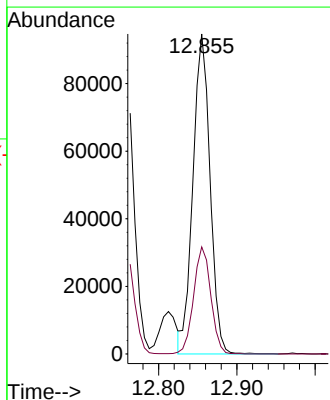
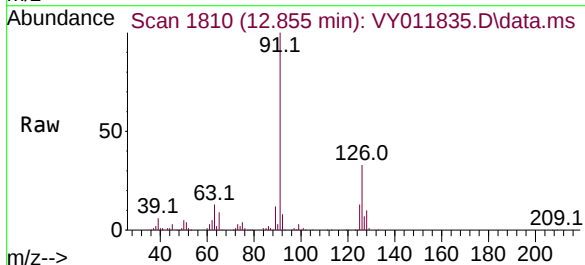
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

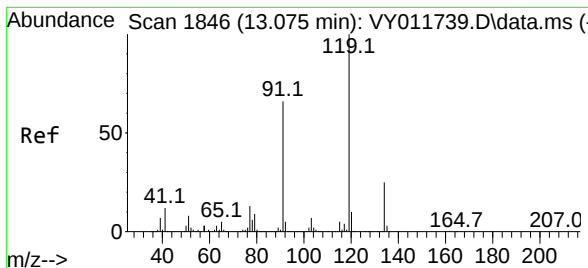
Tgt Ion: 75 Resp: 13829
Ion Ratio Lower Upper
75 100
53 94.3 72.5 108.7
89 45.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.688 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion: 91 Resp: 143966
Ion Ratio Lower Upper
91 100
126 33.7 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.183 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

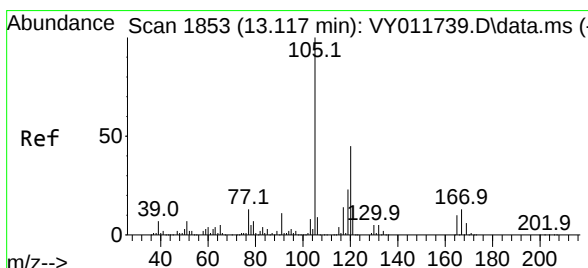
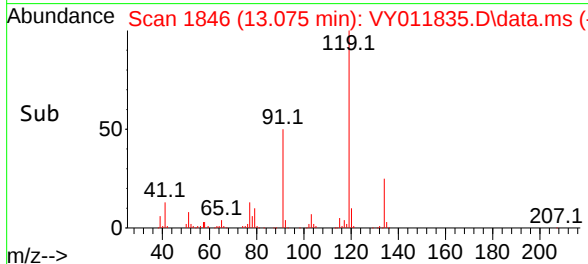
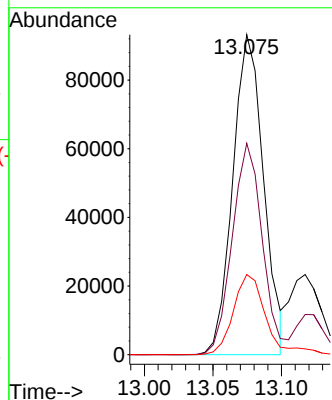
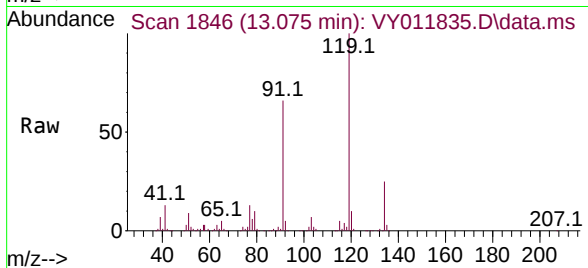
Tgt Ion:119 Resp: 145721

Ion Ratio Lower Upper

119 100

91 65.1 32.3 96.8

134 26.4 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 20.489 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY011835.D

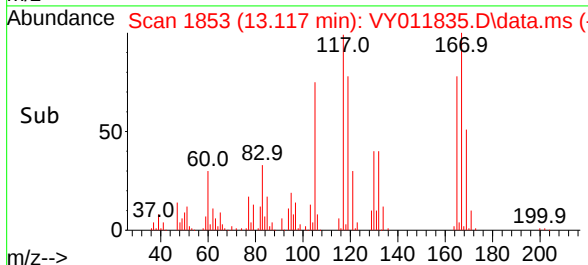
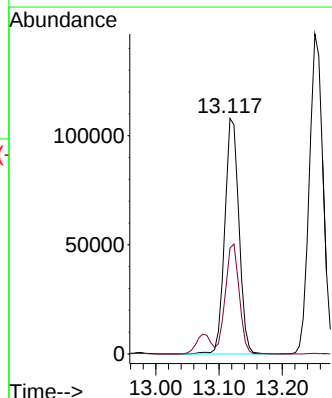
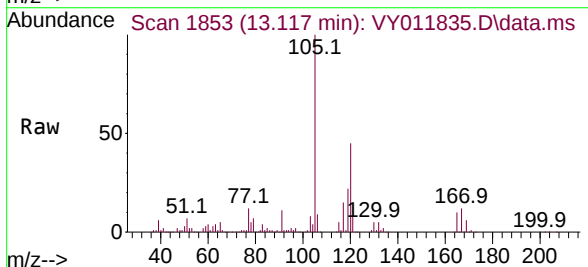
Acq: 14 Dec 2022 11:25

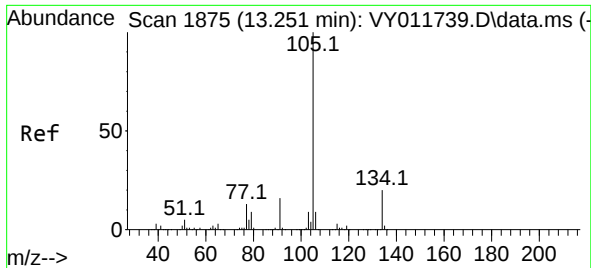
Tgt Ion:105 Resp: 167272

Ion Ratio Lower Upper

105 100

120 45.7 22.9 68.7

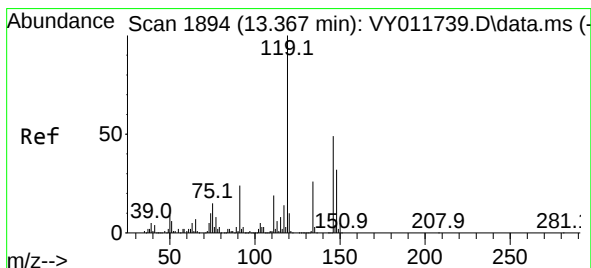
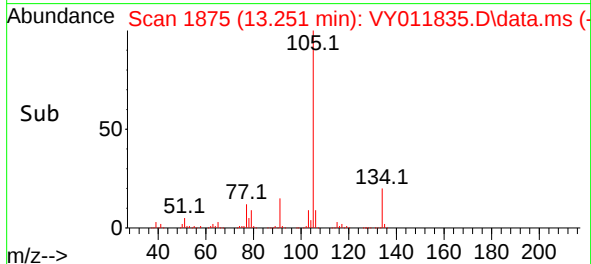
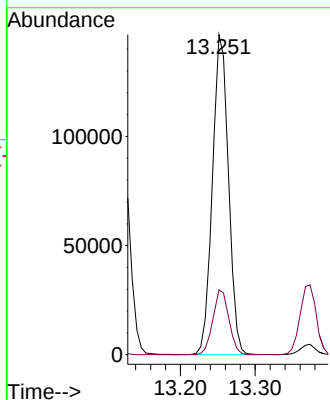
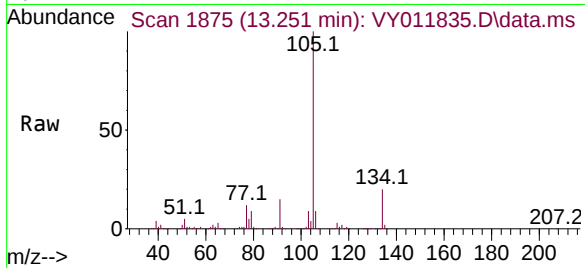




#85
 sec-Butylbenzene
 Concen: 20.404 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY011835.D
 Acq: 14 Dec 2022 11:25

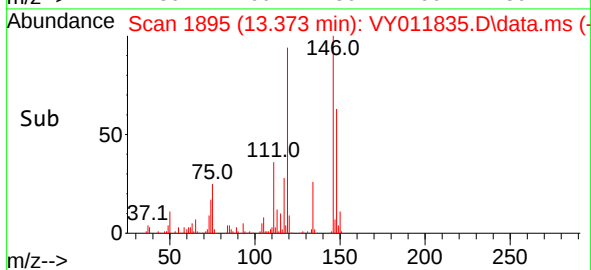
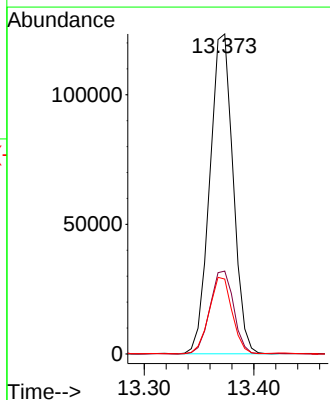
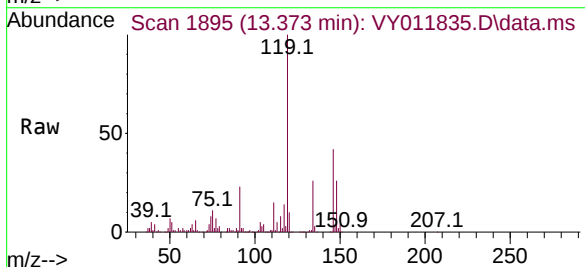
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1214SBS01

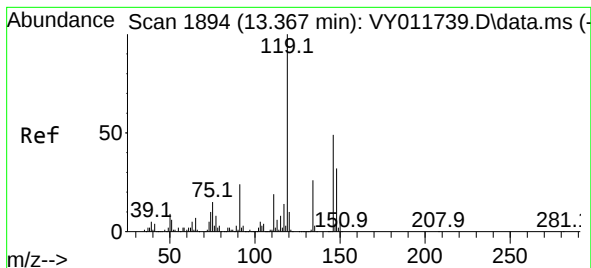
Tgt Ion:105 Resp: 219390
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.365 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY011835.D
 Acq: 14 Dec 2022 11:25

Tgt Ion:119 Resp: 182249
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 39.0
 91 23.6 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 20.763 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

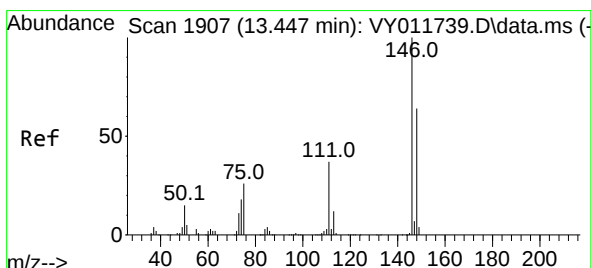
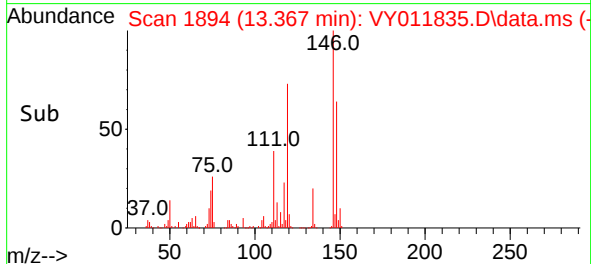
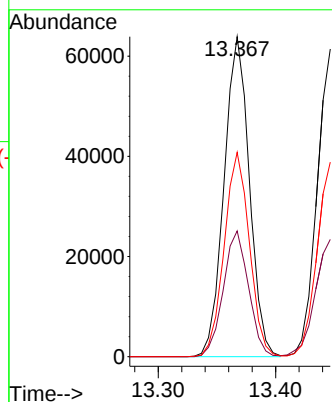
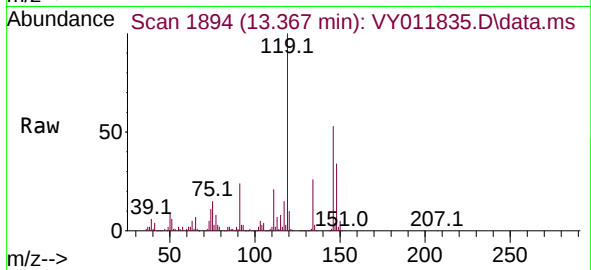
Tgt Ion:146 Resp: 95705

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.0

148 63.7 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 20.567 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

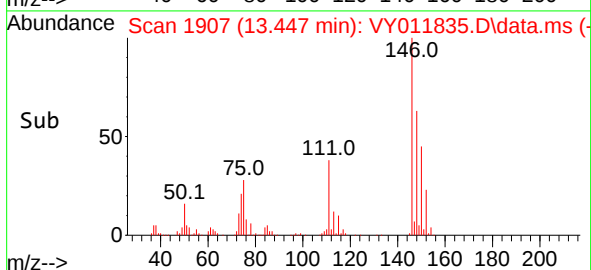
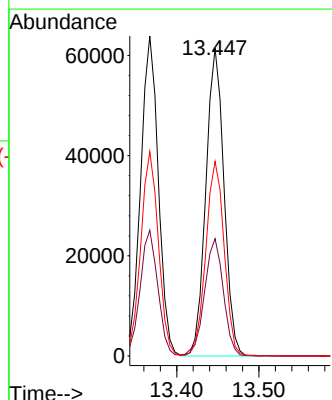
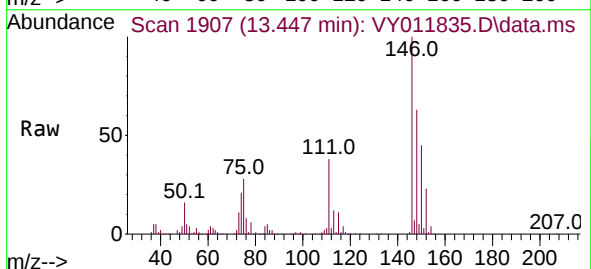
Tgt Ion:146 Resp: 94220

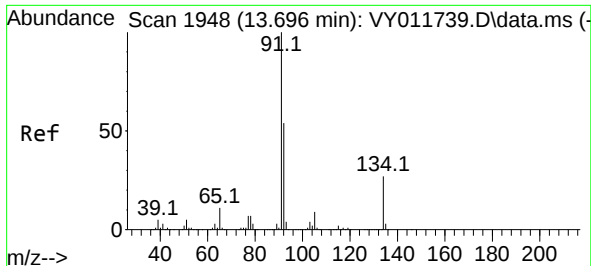
Ion Ratio Lower Upper

146 100

111 39.6 19.6 58.7

148 64.0 31.9 95.7





#89

n-Butylbenzene

Concen: 20.193 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

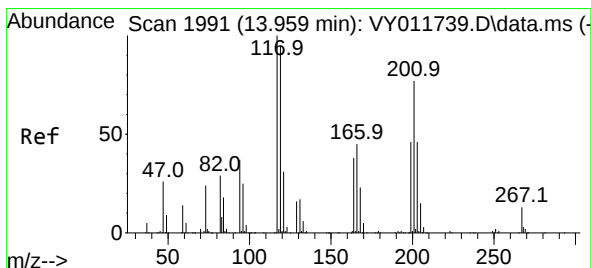
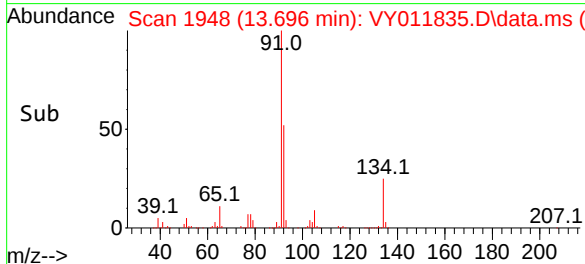
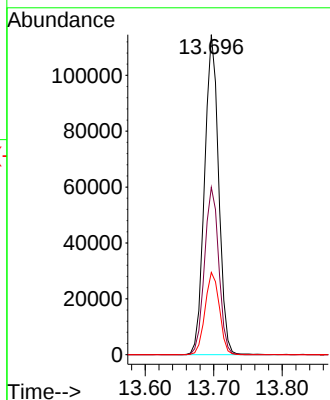
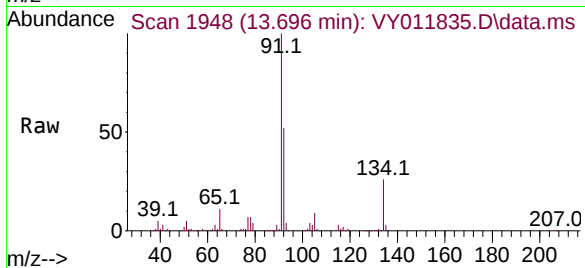
Tgt Ion: 91 Resp: 164281

Ion Ratio Lower Upper

91 100

92 52.8 26.8 80.4

134 26.1 13.3 39.8



#90

Hexachloroethane

Concen: 20.476 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY011835.D

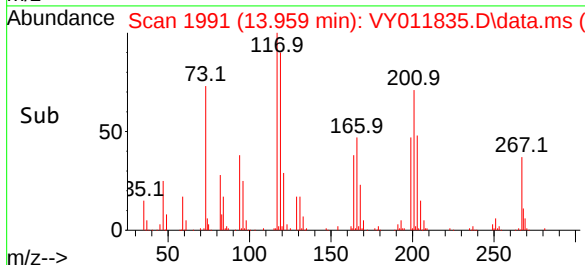
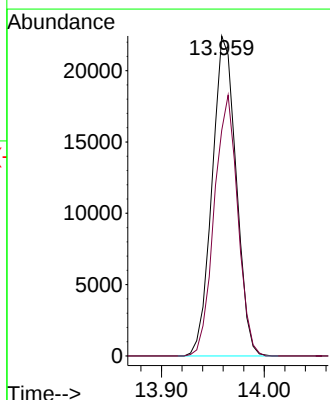
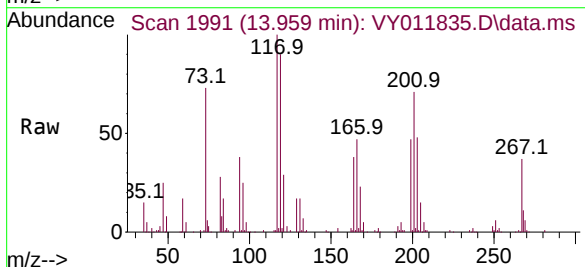
Acq: 14 Dec 2022 11:25

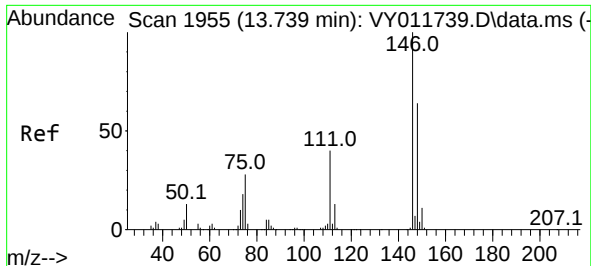
Tgt Ion: 117 Resp: 36413

Ion Ratio Lower Upper

117 100

201 79.6 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 20.324 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

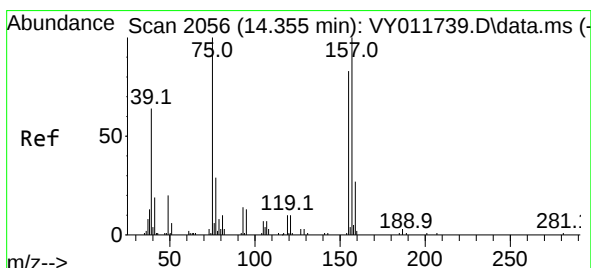
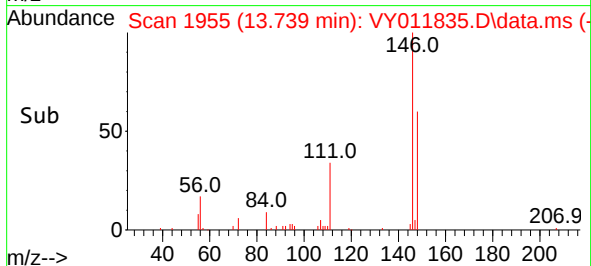
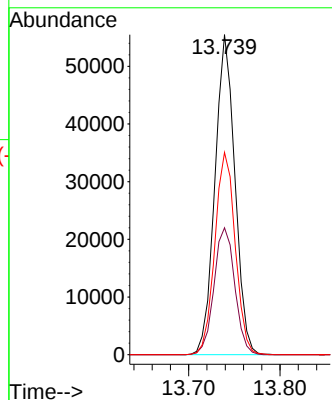
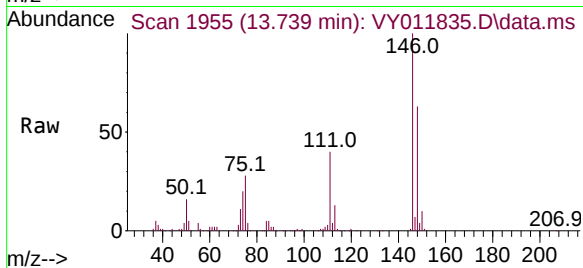
Tgt Ion:146 Resp: 84300

Ion Ratio Lower Upper

146 100

111 41.2 20.3 60.8

148 64.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.623 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY011835.D

Acq: 14 Dec 2022 11:25

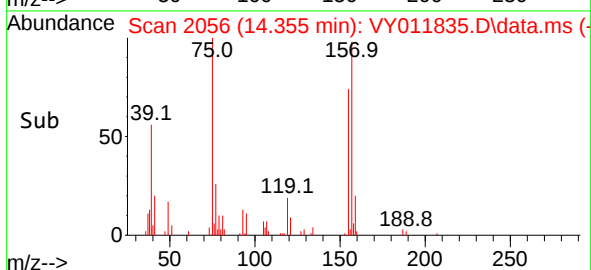
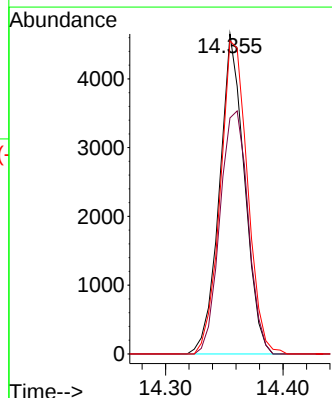
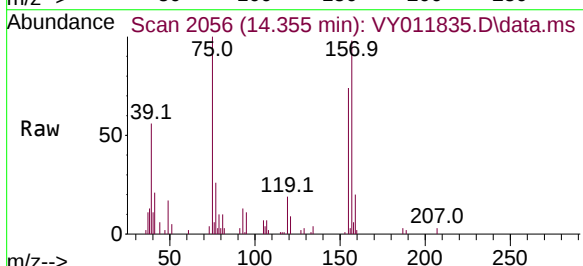
Tgt Ion: 75 Resp: 6869

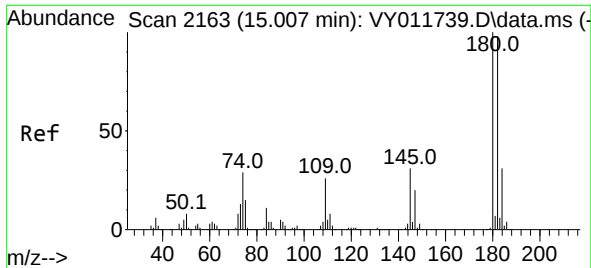
Ion Ratio Lower Upper

75 100

155 85.3 42.3 126.8

157 106.3 54.4 163.3

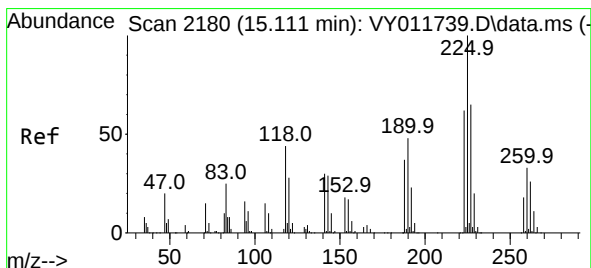
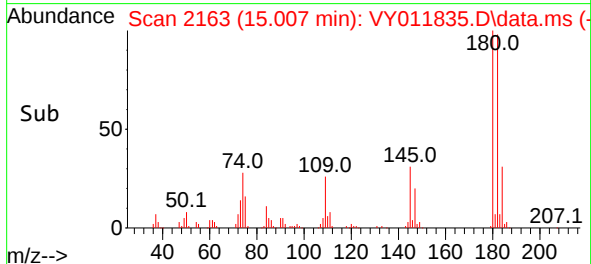
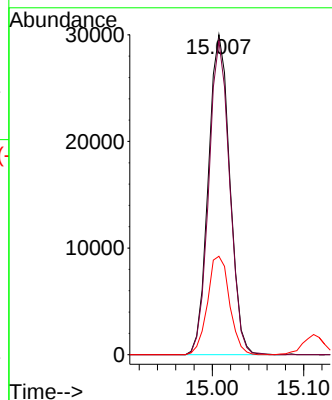
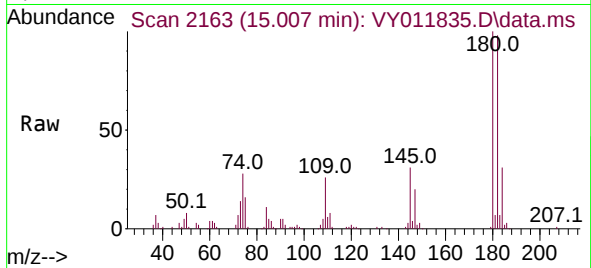




#93
1,2,4-Trichlorobenzene
Concen: 20.215 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

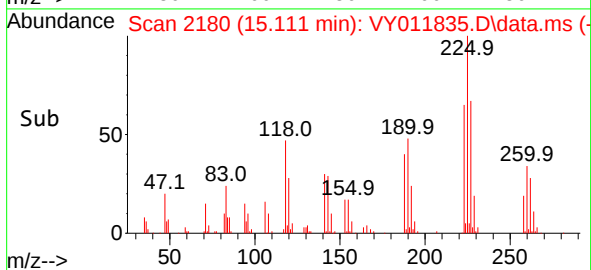
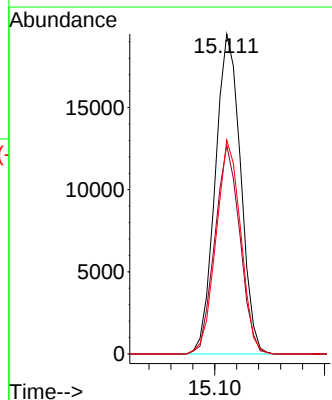
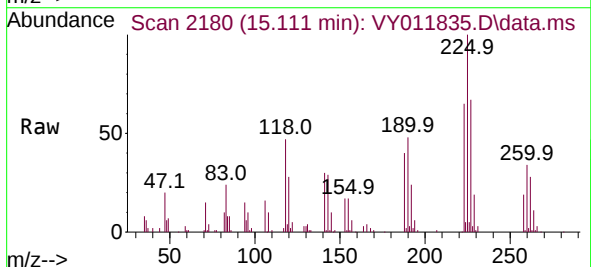
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

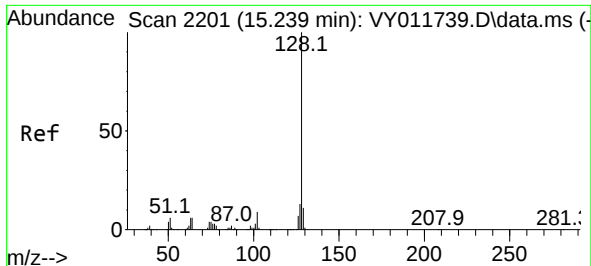
Tgt Ion:180 Resp: 48903
Ion Ratio Lower Upper
180 100
182 95.1 48.1 144.3
145 31.6 15.4 46.4



#94
Hexachlorobutadiene
Concen: 20.366 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion:225 Resp: 31305
Ion Ratio Lower Upper
225 100
223 64.2 31.4 94.2
227 64.9 32.6 97.8

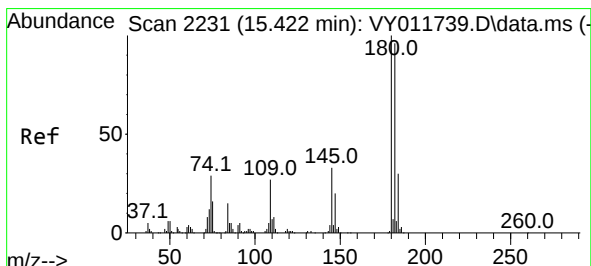
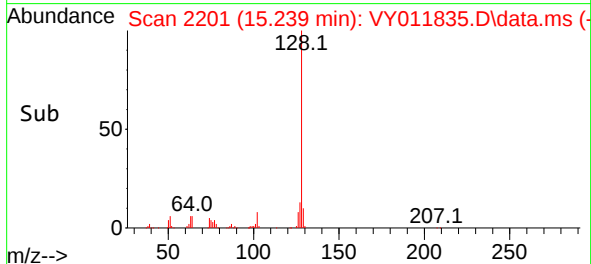
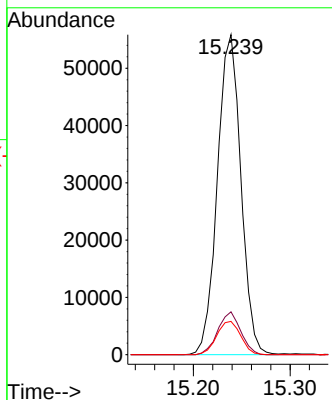
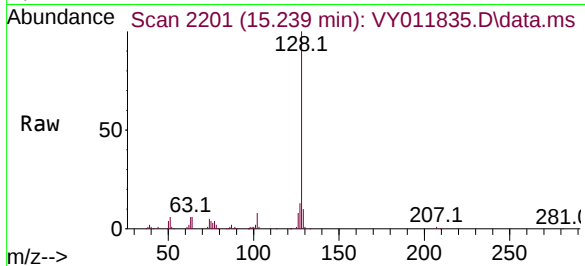




#95
Naphthalene
Concen: 20.125 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

Tgt Ion:128 Resp: 94295
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.596 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY011835.D
Acq: 14 Dec 2022 11:25

Tgt Ion:180 Resp: 43039
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.7
145 31.9 16.1 48.2

