

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
 Data File : VY011836.D
 Acq On : 14 Dec 2022 11:47
 Operator : KP/MD
 Sample : VY1214SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1214SBS01

Quant Time: Dec 15 01:17:46 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	212653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	330791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	298838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	68445	46.867	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.740%		
35) Dibromofluoromethane	7.716	113	71135	48.267	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.540%		
50) Toluene-d8	10.179	98	223431	45.813	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.620%		
62) 4-Bromofluorobenzene	12.483	95	92350	47.967	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	29197	27.967	ug/l	97
3) Chloromethane	2.113	50	28419	22.705	ug/l	100
4) Vinyl Chloride	2.253	62	33305	22.404	ug/l	98
5) Bromomethane	2.650	94	23098	23.054	ug/l	97
6) Chloroethane	2.790	64	22378	21.221	ug/l	97
7) Trichlorofluoromethane	3.125	101	61832	21.152	ug/l	91
8) Diethyl Ether	3.527	74	18949	18.506	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	35629	20.417	ug/l	98
10) Methyl Iodide	4.094	142	41192	20.161	ug/l	99
11) Tert butyl alcohol	4.942	59	26501	139.642	ug/l #	86
12) 1,1-Dichloroethene	3.869	96	32528	20.669	ug/l	98
13) Acrolein	3.729	56	26863	89.610	ug/l	100
14) Allyl chloride	4.479	41	52167	19.955	ug/l	99
15) Acrylonitrile	5.161	53	53292	96.968	ug/l	99
16) Acetone	3.942	43	53984	92.971	ug/l	96
17) Carbon Disulfide	4.198	76	73648	20.492	ug/l	100
18) Methyl Acetate	4.479	43	29871	20.567	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	96985	19.682	ug/l	99
20) Methylene Chloride	4.716	84	48259	19.799	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	36867	20.843	ug/l	99
22) Diisopropyl ether	6.118	45	117663	20.630	ug/l	96
23) Vinyl Acetate	6.064	43	323729	99.491	ug/l	100
24) 1,1-Dichloroethane	6.015	63	69831	20.148	ug/l	98
25) 2-Butanone	6.984	43	73277	98.108	ug/l	99
26) 2,2-Dichloropropane	6.978	77	67084	20.573	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	43875	20.295	ug/l	98
28) Bromochloromethane	7.332	49	25084	19.879	ug/l	99
29) Tetrahydrofuran	7.350	42	40500	95.268	ug/l	100
30) Chloroform	7.508	83	76509	20.648	ug/l	97
31) Cyclohexane	7.789	56	53992	19.958	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	68392	20.696	ug/l	99
36) 1,1-Dichloropropene	7.917	75	52259	20.819	ug/l	99
37) Ethyl Acetate	7.070	43	28385	19.342	ug/l	97
38) Carbon Tetrachloride	7.899	117	61826	20.968	ug/l	94
39) Methylcyclohexane	9.185	83	57217	20.258	ug/l	95
40) Benzene	8.161	78	157500	21.003	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	14394	19.429	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	48399	20.871	ug/l	100
43) Isopropyl Acetate	8.271	43	52513	19.734	ug/l	99
44) Trichloroethene	8.941	130	44059	20.978	ug/l	96
45) 1,2-Dichloropropane	9.215	63	39291	20.244	ug/l	100
46) Dibromomethane	9.307	93	21841	20.103	ug/l	97
47) Bromodichloromethane	9.496	83	57852	20.611	ug/l	99
48) Methyl methacrylate	9.295	41	22685	19.339	ug/l	98
49) 1,4-Dioxane	9.301	88	5890	391.332	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	142546	97.216	ug/l	100
52) Toluene	10.246	92	101482	21.287	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	57457	20.494	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	64519	20.482	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	33494	20.858	ug/l	98
56) Ethyl methacrylate	10.508	69	40317	19.449	ug/l	98
57) 1,3-Dichloropropane	10.788	76	55711	20.813	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	98495	102.469	ug/l	100
59) 2-Hexanone	10.831	43	104046	99.314	ug/l	99
60) Dibromochloromethane	10.983	129	41387	20.578	ug/l	99
61) 1,2-Dibromoethane	11.087	107	29816	20.495	ug/l	99
64) Tetrachloroethene	10.721	164	43875	20.751	ug/l	93
65) Chlorobenzene	11.514	112	110628	20.545	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	42896	20.535	ug/l	98
67) Ethyl Benzene	11.593	91	196063	20.665	ug/l	99
68) m/p-Xylenes	11.703	106	153900	42.357	ug/l	98
69) o-Xylene	12.032	106	72113	20.822	ug/l	100
70) Styrene	12.044	104	123076	20.821	ug/l	99
71) Bromoform	12.209	173	26120	20.272	ug/l #	100
73) Isopropylbenzene	12.331	105	200156	20.752	ug/l	99
74) N-amyl acetate	12.142	43	44055	18.997	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	37814	20.131	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	50709	33.668	ug/l #	100
77) Bromobenzene	12.611	156	46429	20.617	ug/l	99
78) n-propylbenzene	12.672	91	240789	20.832	ug/l	99
79) 2-Chlorotoluene	12.758	91	135613	20.558	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	169658	20.810	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	12800	19.285	ug/l	99
82) 4-Chlorotoluene	12.855	91	141068	20.617	ug/l	100
83) tert-Butylbenzene	13.075	119	146628	20.655	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	166789	20.778	ug/l	99
85) sec-Butylbenzene	13.251	105	217599	20.583	ug/l	99
86) p-Isopropyltoluene	13.367	119	182855	20.781	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	93846	20.708	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	92578	20.554	ug/l	100
89) n-Butylbenzene	13.696	91	166762	20.848	ug/l	99
90) Hexachloroethane	13.959	117	35456	20.279	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	83683	20.519	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6213	18.971	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	48470	20.378	ug/l	98
94) Hexachlorobutadiene	15.111	225	31714	20.985	ug/l	99
95) Naphthalene	15.239	128	89806	19.494	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	42036	20.460	ug/l	98

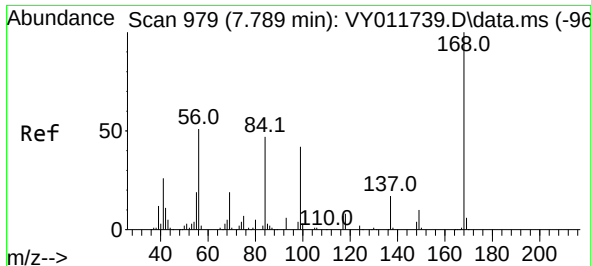
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
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Response via : Initial Calibration

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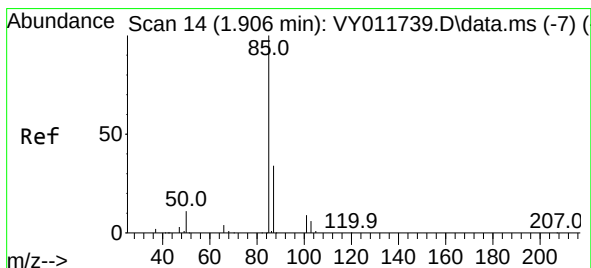
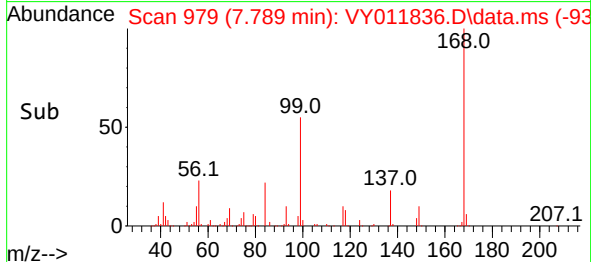
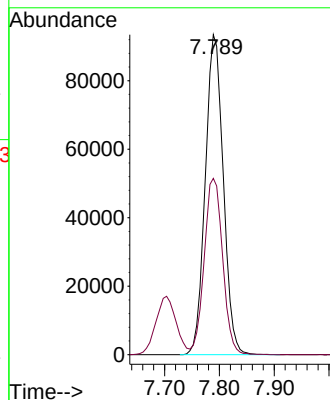
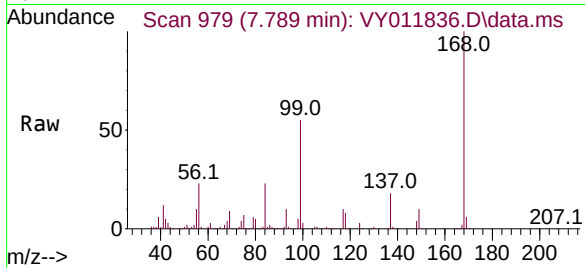
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

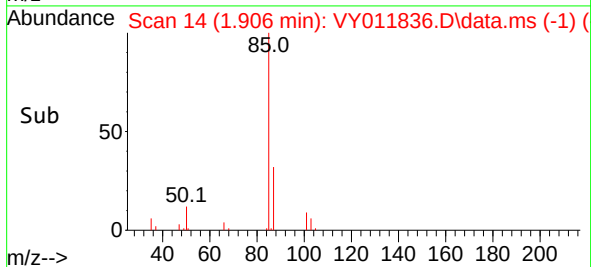
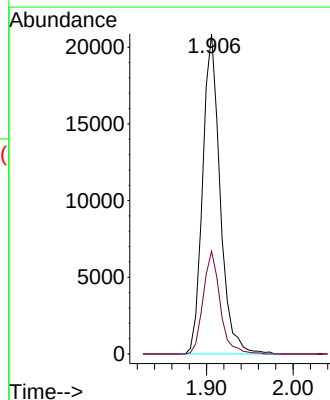
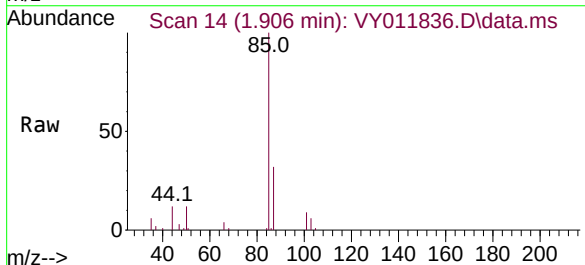
Instrument :
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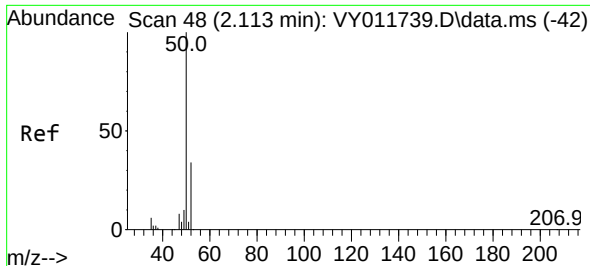
Tgt Ion:168 Resp: 212653
Ion Ratio Lower Upper
168 100
99 55.1 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 27.967 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion: 85 Resp: 29197
Ion Ratio Lower Upper
85 100
87 32.1 16.8 50.4

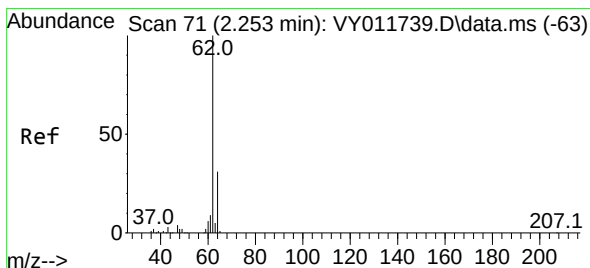
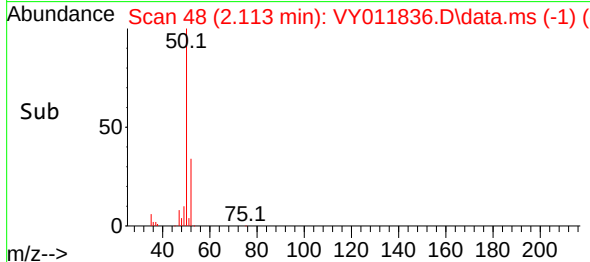
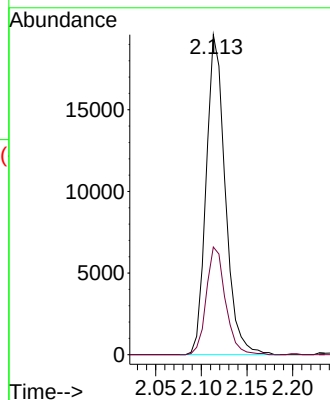
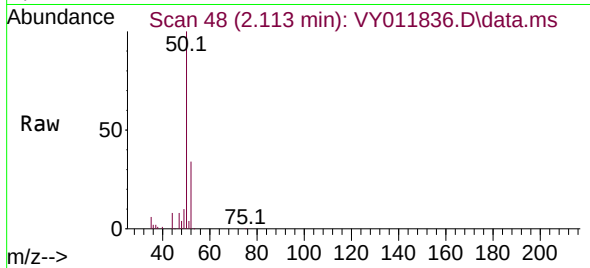




#3
Chloromethane
Concen: 22.705 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

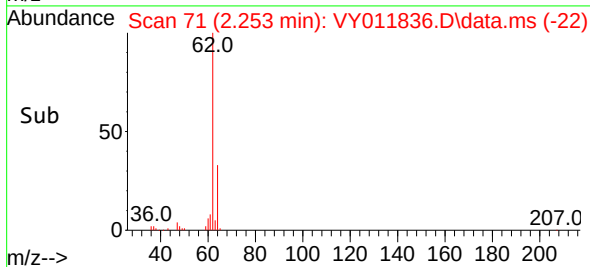
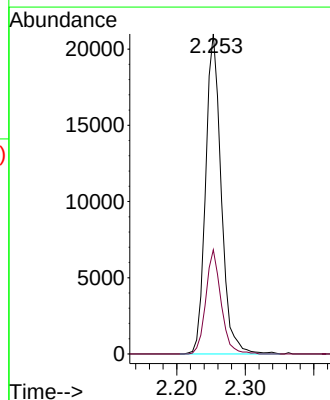
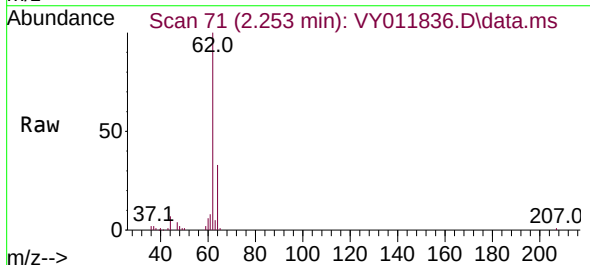
Instrument :
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ClientSampleId :
VY1214SBSD01

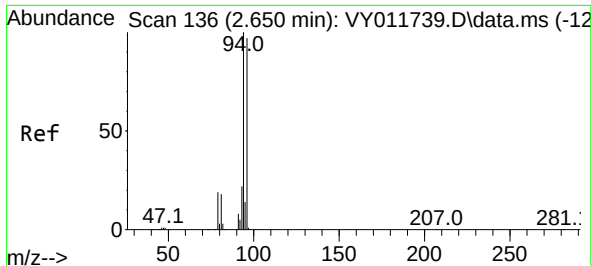
Tgt Ion: 50 Resp: 28419
Ion Ratio Lower Upper
50 100
52 33.6 26.8 40.2



#4
Vinyl Chloride
Concen: 22.404 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion: 62 Resp: 33305
Ion Ratio Lower Upper
62 100
64 32.5 25.0 37.6

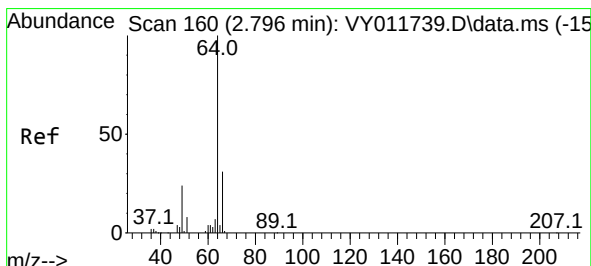
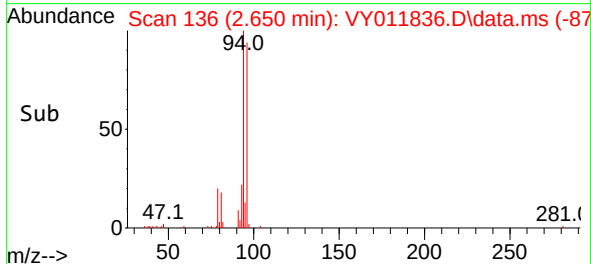
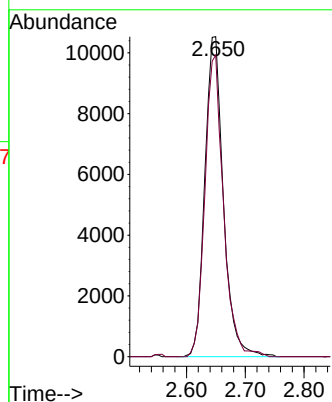
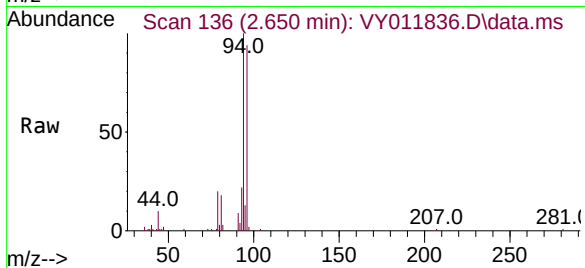




#5
Bromomethane
Concen: 23.054 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

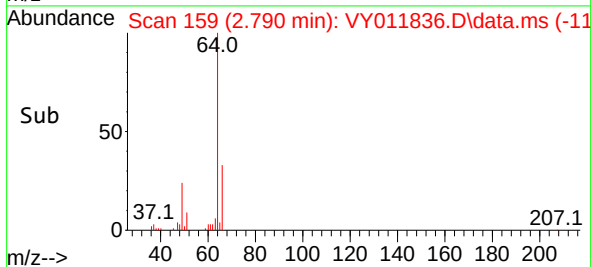
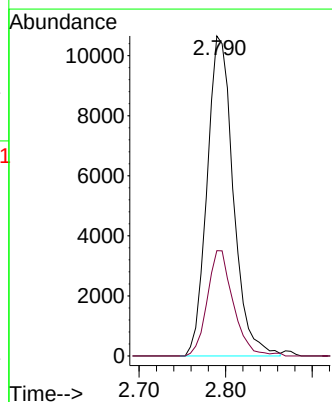
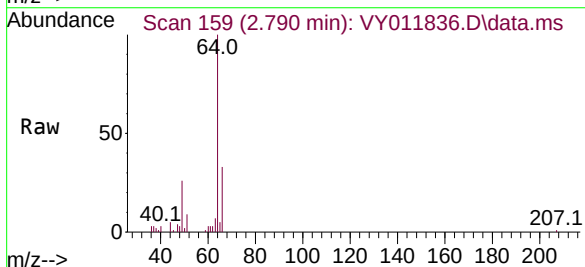
Instrument :
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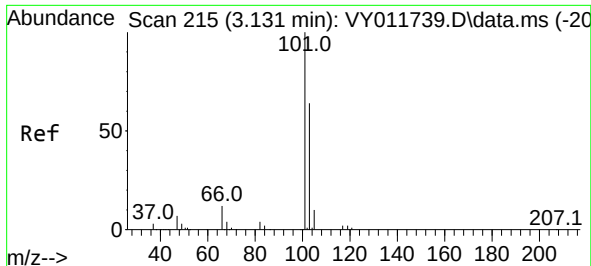
Tgt Ion: 94 Resp: 23098
Ion Ratio Lower Upper
94 100
96 94.2 77.4 116.2



#6
Chloroethane
Concen: 21.221 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion: 64 Resp: 22378
Ion Ratio Lower Upper
64 100
66 32.9 25.0 37.4

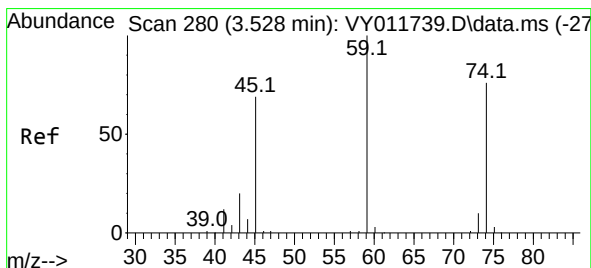
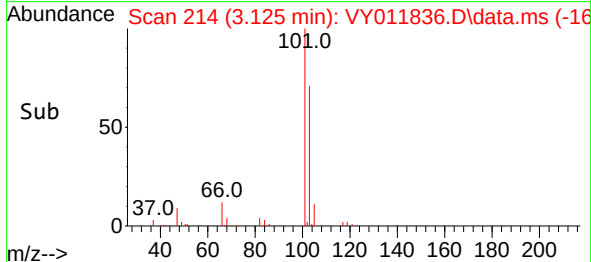
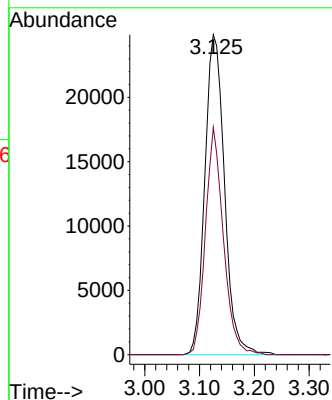
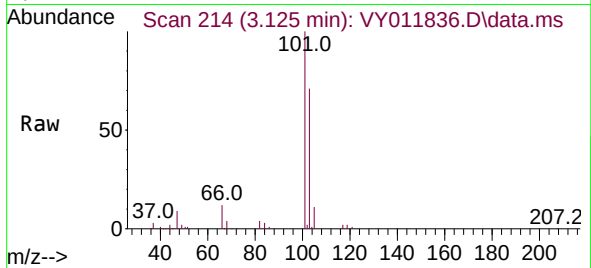




#7
 Trichlorofluoromethane
 Concen: 21.152 ug/l
 RT: 3.125 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY011836.D
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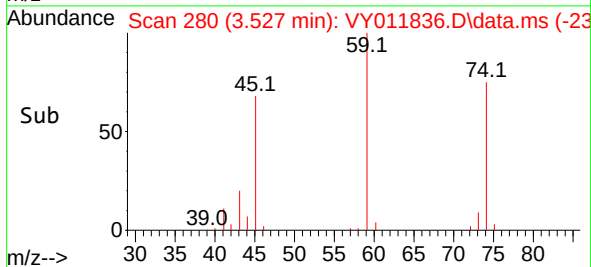
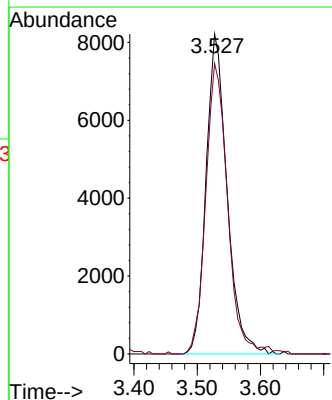
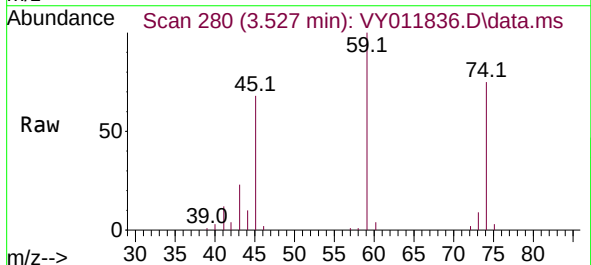
Instrument :
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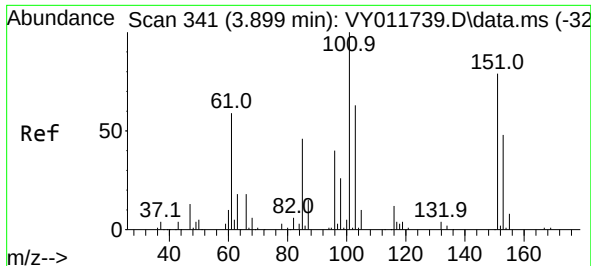
Tgt Ion:101 Resp: 61832
 Ion Ratio Lower Upper
 101 100
 103 71.0 51.0 76.6



#8
 Diethyl Ether
 Concen: 18.506 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY011836.D
 Acq: 14 Dec 2022 11:47

Tgt Ion: 74 Resp: 18949
 Ion Ratio Lower Upper
 74 100
 45 94.9 46.8 140.3

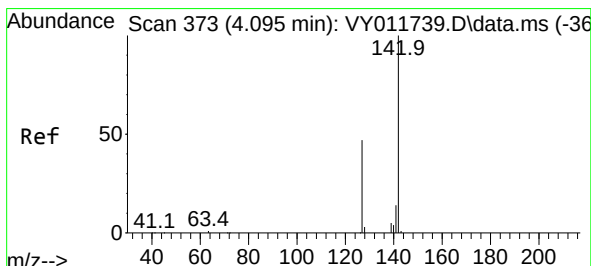
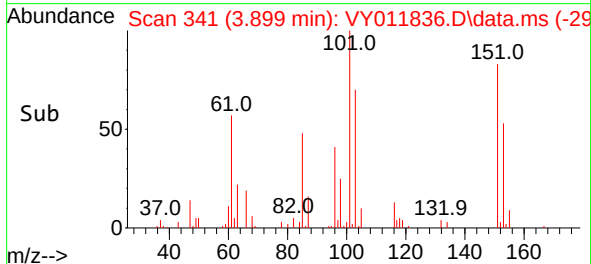
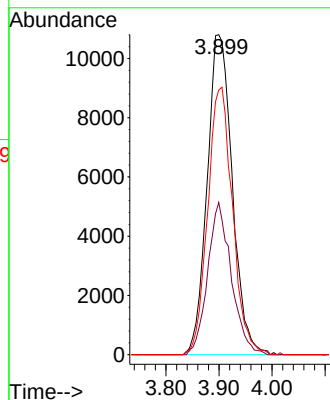
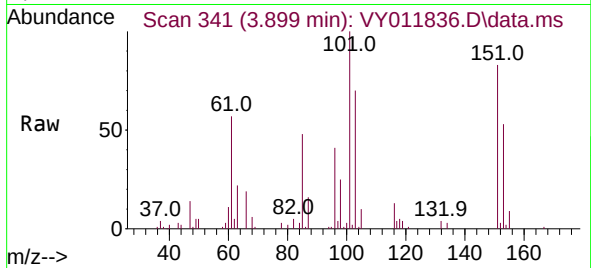




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.417 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY011836.D
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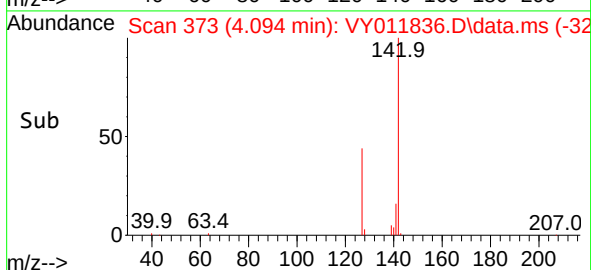
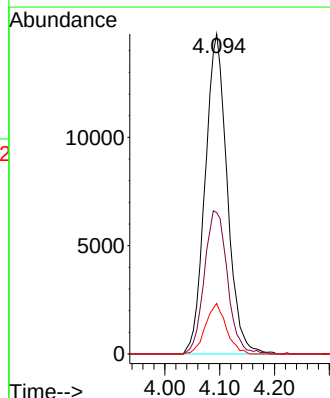
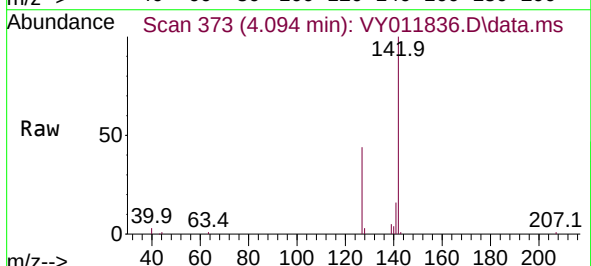
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

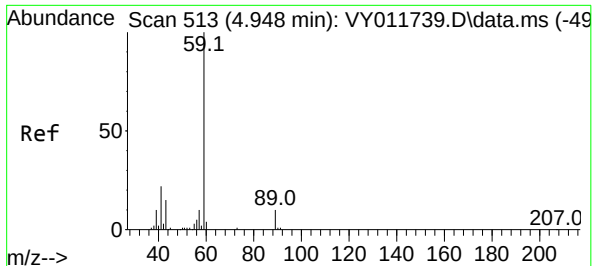
Tgt Ion:101 Resp: 35629
Ion Ratio Lower Upper
101 100
85 44.7 36.2 54.2
151 82.5 64.2 96.2



#10
Methyl Iodide
Concen: 20.161 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion:142 Resp: 41192
Ion Ratio Lower Upper
142 100
127 47.0 37.0 55.4
141 14.9 11.4 17.0





#11

Tert butyl alcohol

Concen: 139.642 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

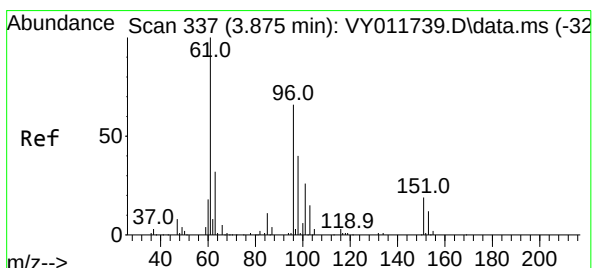
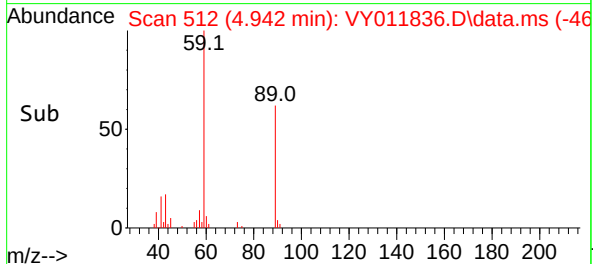
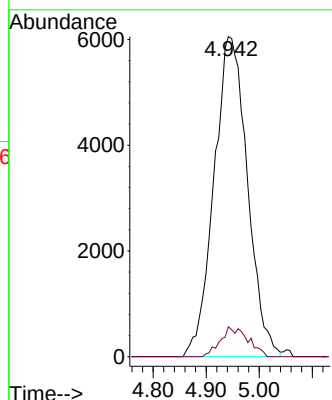
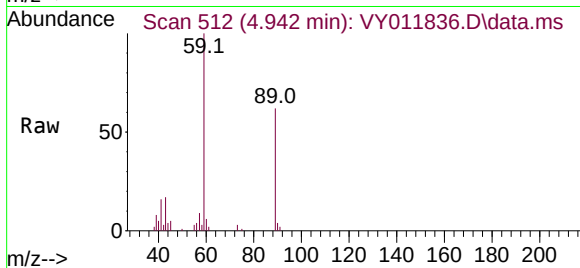
VY1214SBS01

Tgt Ion: 59 Resp: 26501

Ion Ratio Lower Upper

59 100

57 4.1 7.4 11.2#



#12

1,1-Dichloroethene

Concen: 20.669 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

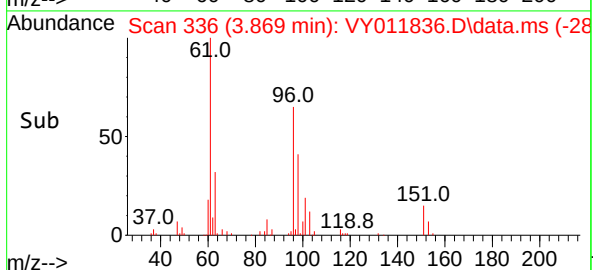
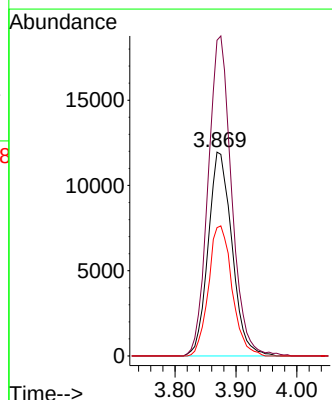
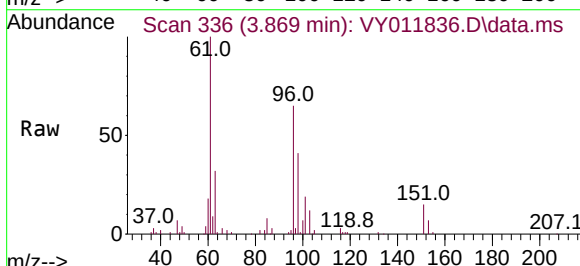
Tgt Ion: 96 Resp: 32528

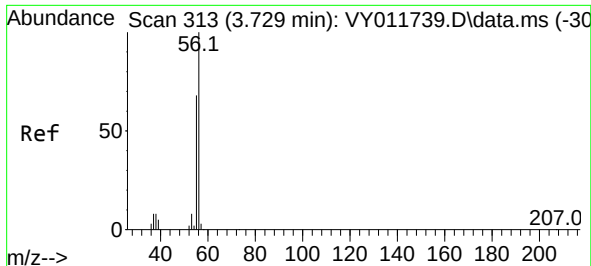
Ion Ratio Lower Upper

96 100

61 154.8 122.0 183.0

98 62.9 48.6 73.0





#13

Acrolein

Concen: 89.610 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

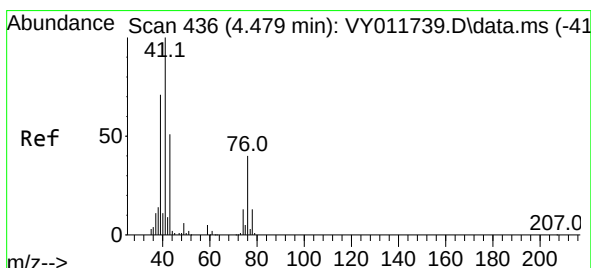
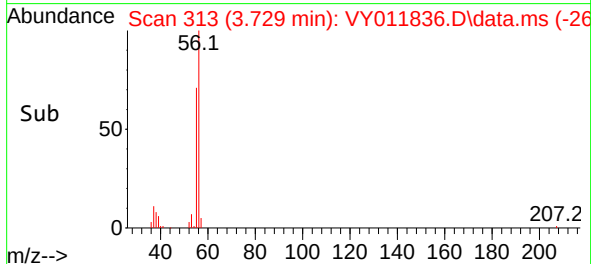
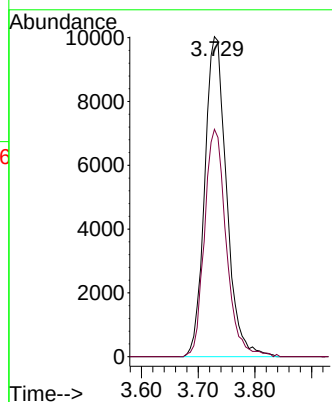
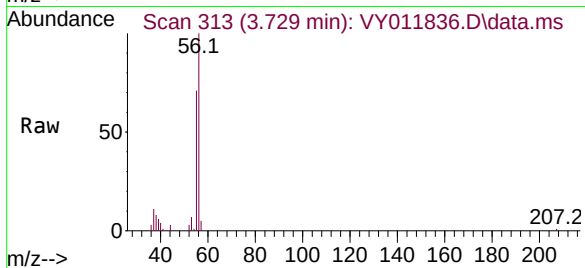
VY1214SBS01

Tgt Ion: 56 Resp: 26863

Ion Ratio Lower Upper

56 100

55 70.8 56.6 85.0



#14

Allyl chloride

Concen: 19.955 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

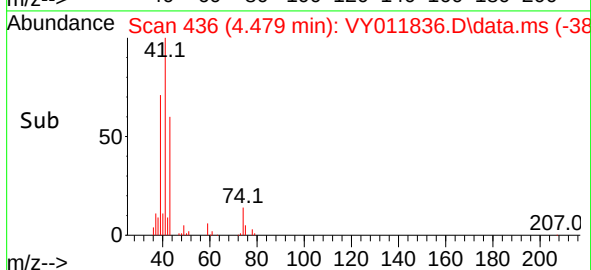
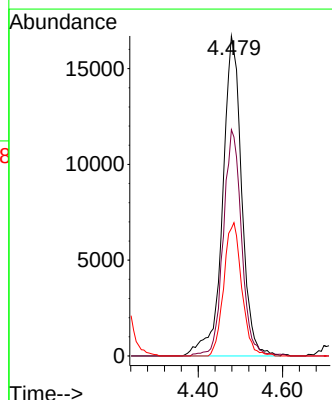
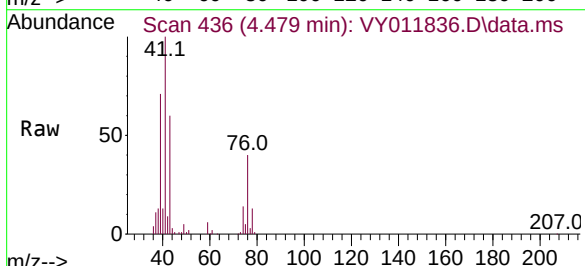
Tgt Ion: 41 Resp: 52167

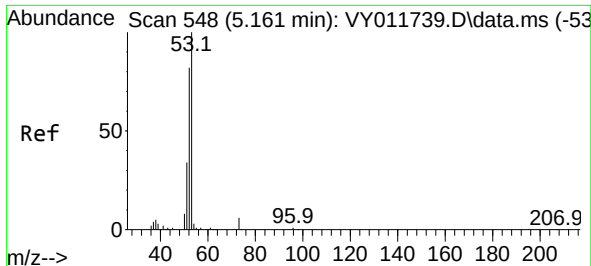
Ion Ratio Lower Upper

41 100

39 67.9 53.5 80.3

76 39.5 31.1 46.7

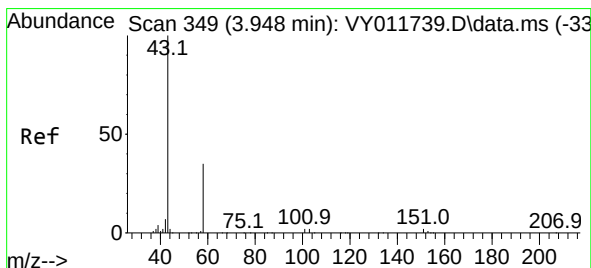
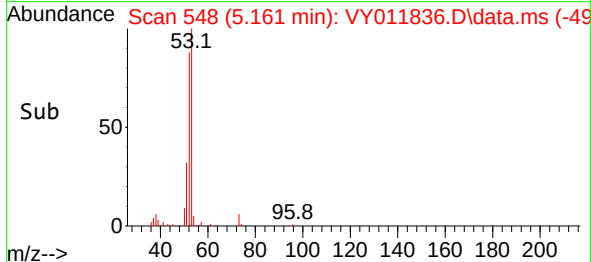
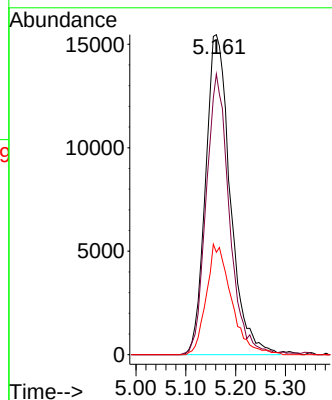
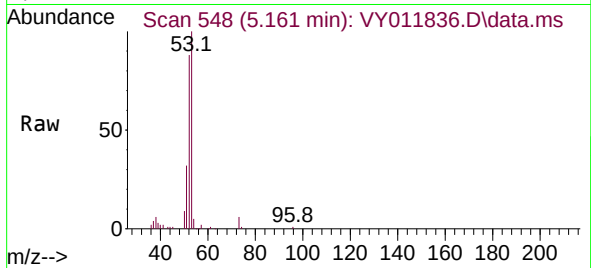




#15
Acrylonitrile
Concen: 96.968 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

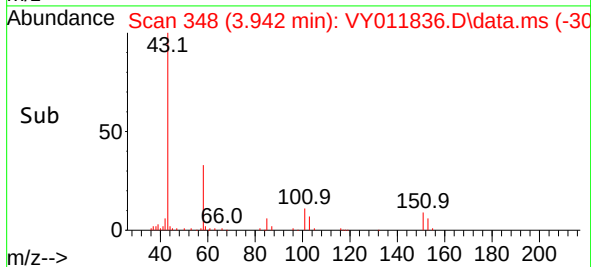
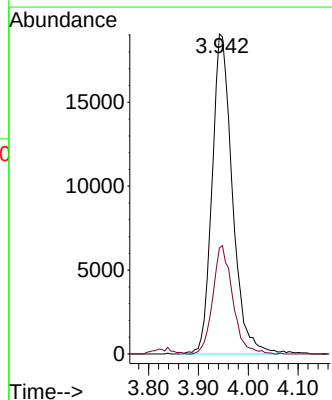
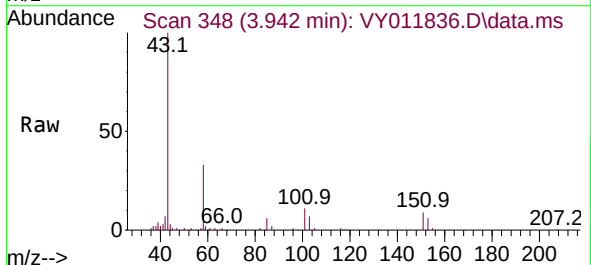
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBSD01

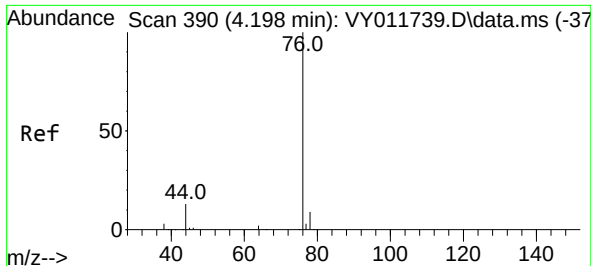
Tgt Ion: 53 Resp: 53292
Ion Ratio Lower Upper
53 100
52 82.6 65.1 97.7
51 35.1 28.7 43.1



#16
Acetone
Concen: 92.971 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion: 43 Resp: 53984
Ion Ratio Lower Upper
43 100
58 32.8 27.9 41.9

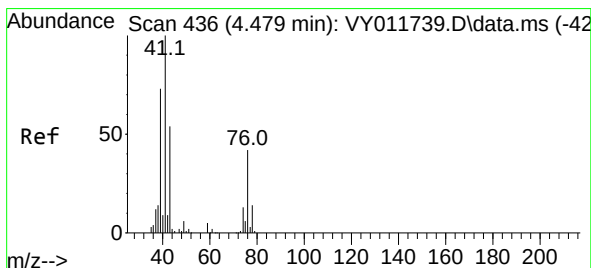
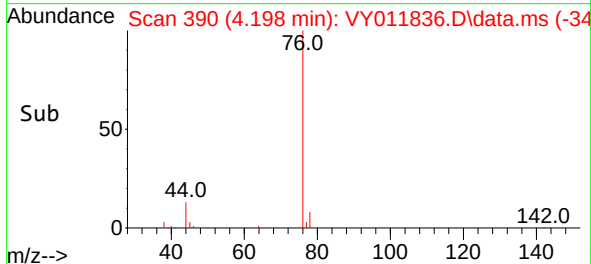
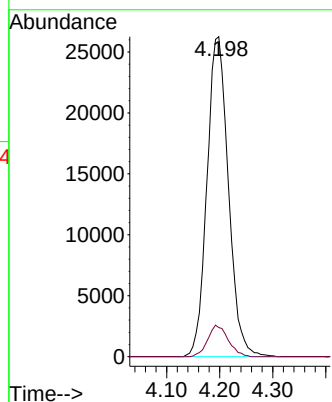
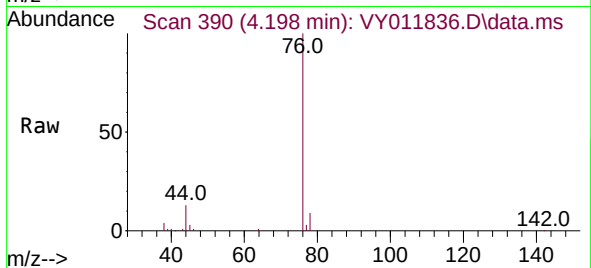




#17
Carbon Disulfide
Concen: 20.492 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

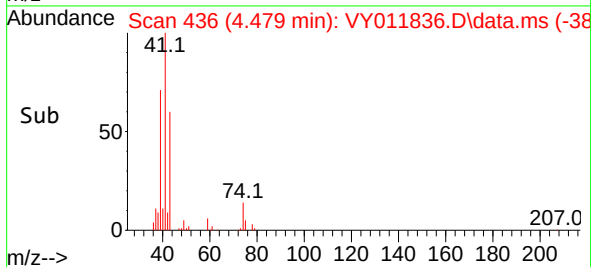
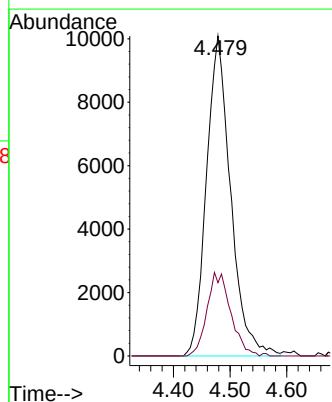
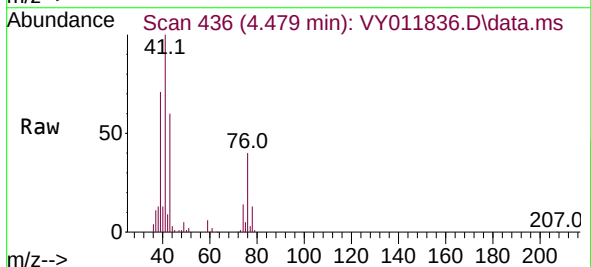
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBSD01

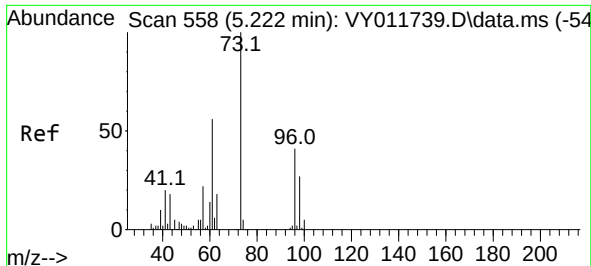
Tgt Ion: 76 Resp: 73648
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 20.567 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion: 43 Resp: 29871
Ion Ratio Lower Upper
43 100
74 25.5 20.1 30.1

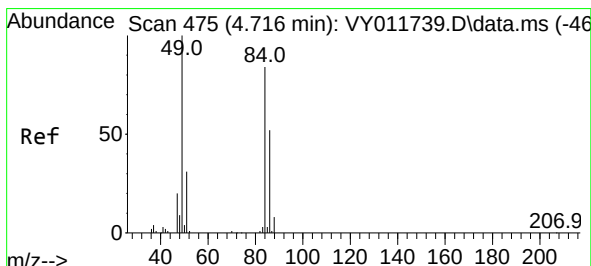
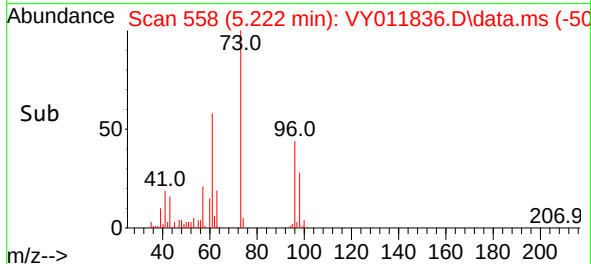
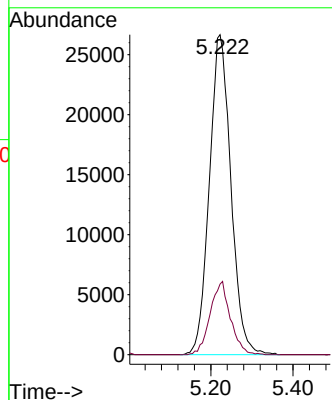
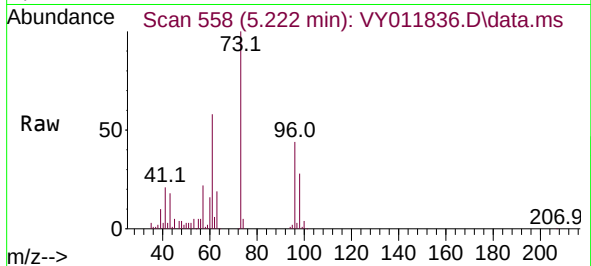




#19
Methyl tert-butyl Ether
Concen: 19.682 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

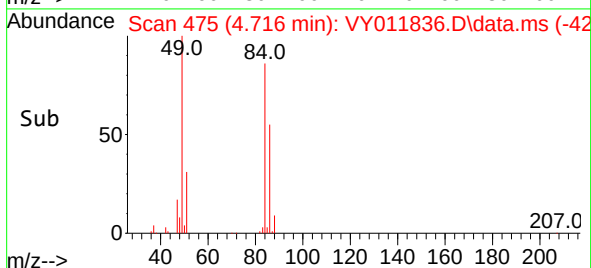
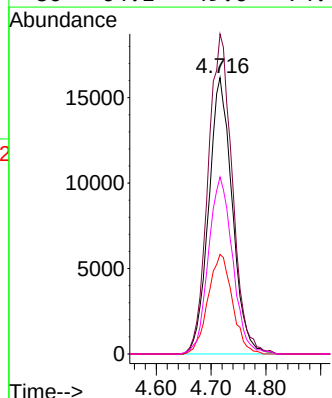
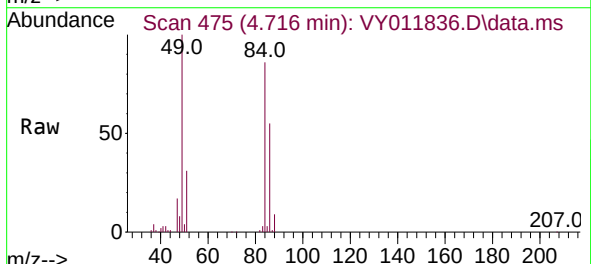
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBSD01

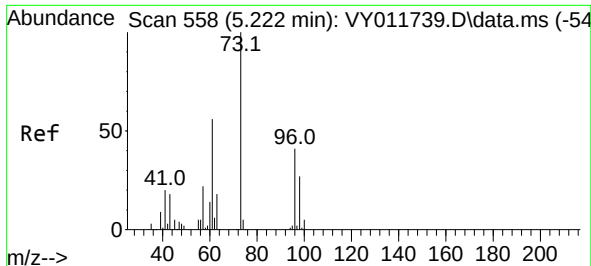
Tgt Ion: 73 Resp: 96985
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.0



#20
Methylene Chloride
Concen: 19.799 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion: 84 Resp: 48259
Ion Ratio Lower Upper
84 100
49 115.8 95.4 143.2
51 36.0 29.9 44.9
86 64.1 49.6 74.4

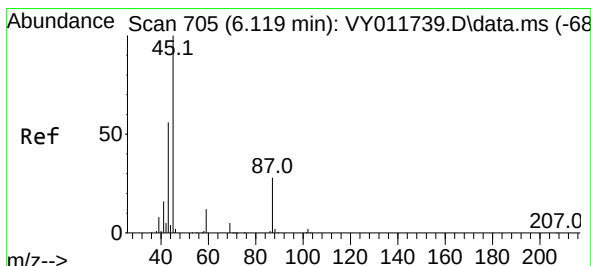
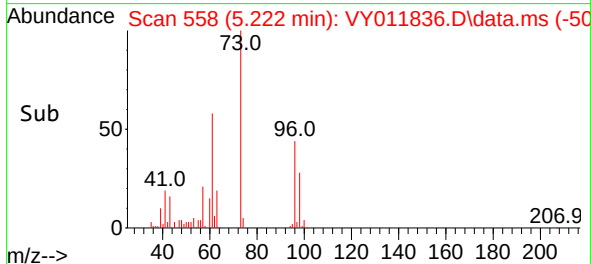
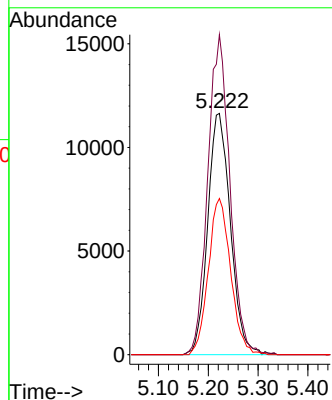
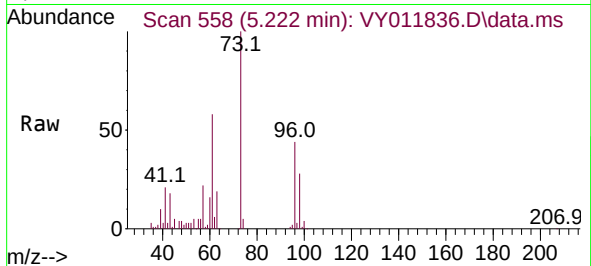




#21
trans-1,2-Dichloroethene
Concen: 20.843 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

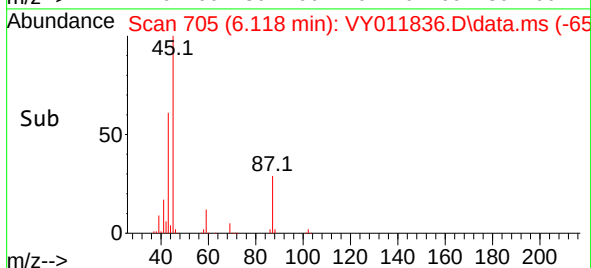
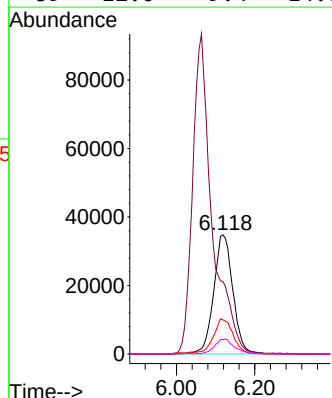
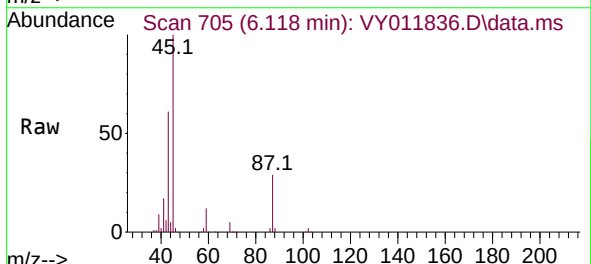
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

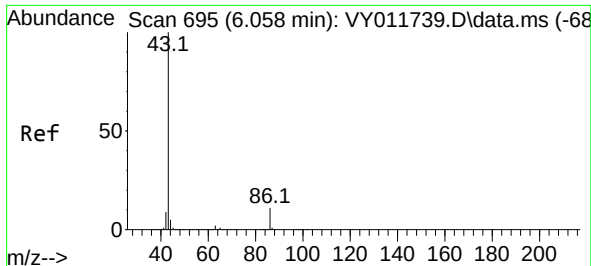
Tgt Ion: 96 Resp: 36867
Ion Ratio Lower Upper
96 100
61 132.6 108.0 162.0
98 64.7 51.6 77.4



#22
Diisopropyl ether
Concen: 20.630 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion: 45 Resp: 117663
Ion Ratio Lower Upper
45 100
43 60.2 45.0 67.4
87 28.6 22.6 33.8
59 12.0 9.4 14.0

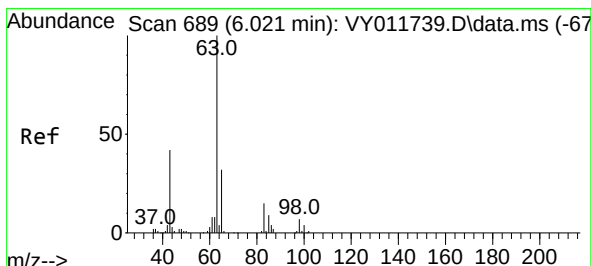
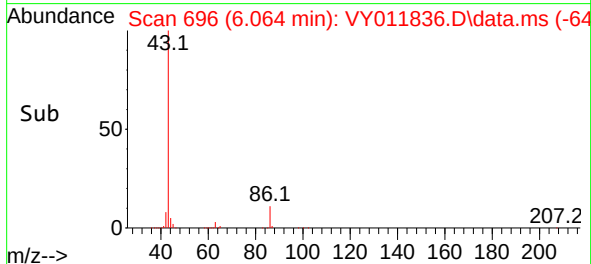
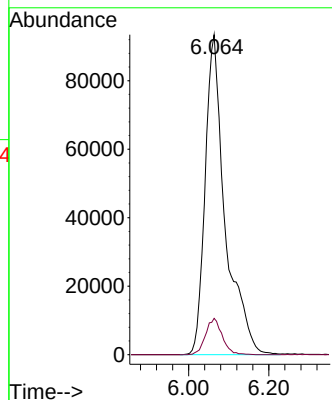
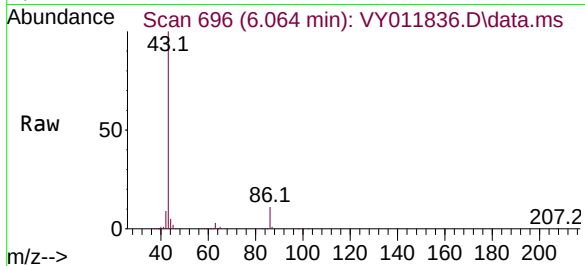




#23
 Vinyl Acetate
 Concen: 99.491 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY011836.D
 Acq: 14 Dec 2022 11:47

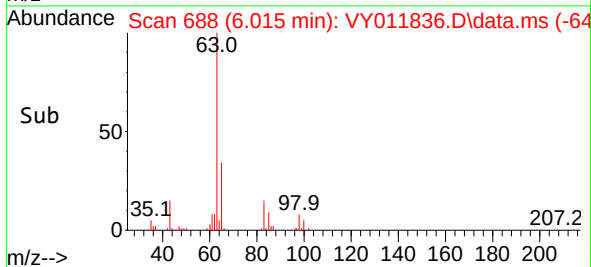
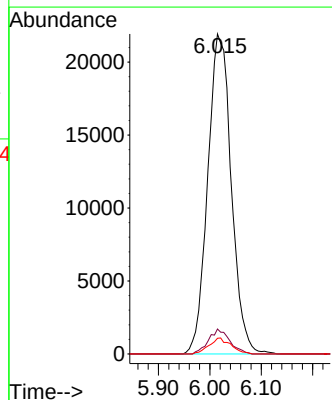
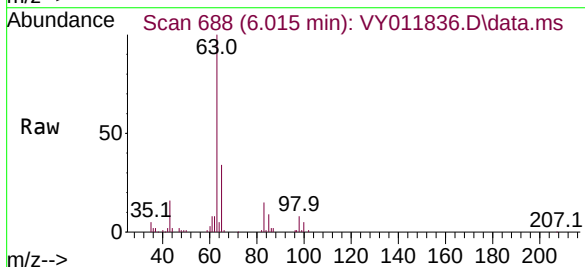
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1214SBS01

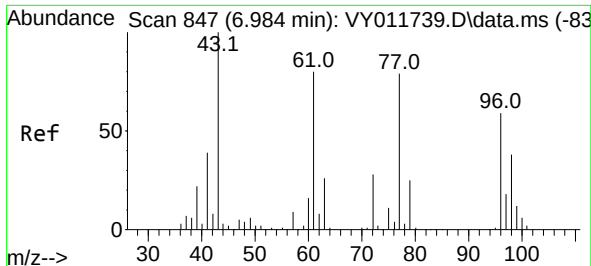
Tgt Ion: 43 Resp: 323729
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 20.148 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY011836.D
 Acq: 14 Dec 2022 11:47

Tgt Ion: 63 Resp: 69831
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.5
 100 4.9 2.2 6.6





#25

2-Butanone

Concen: 98.108 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

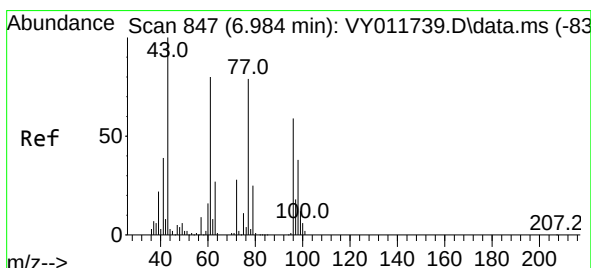
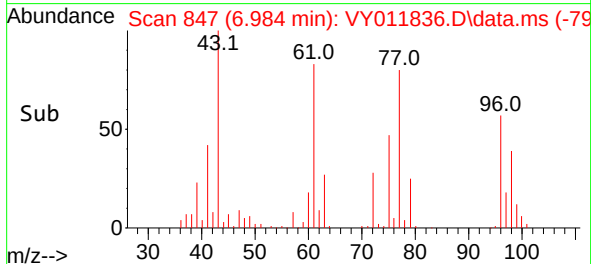
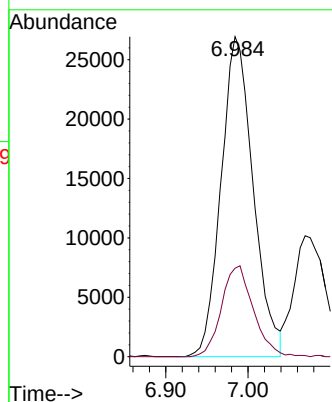
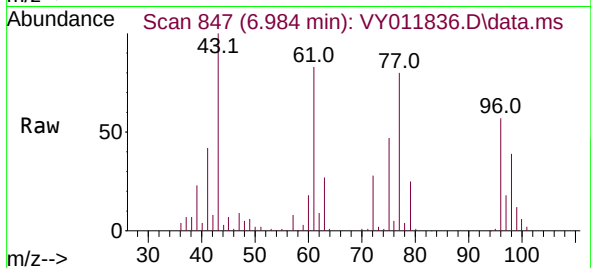
VY1214SBS01

Tgt Ion: 43 Resp: 73277

Ion Ratio Lower Upper

43 100

72 27.7 22.6 34.0



#26

2,2-Dichloropropane

Concen: 20.573 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY011836.D

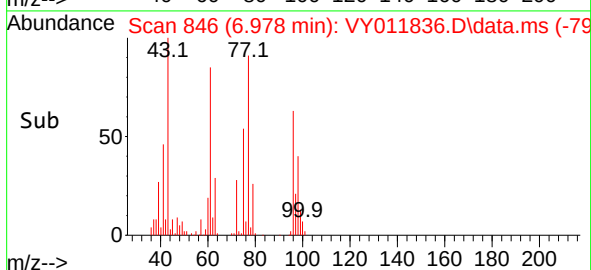
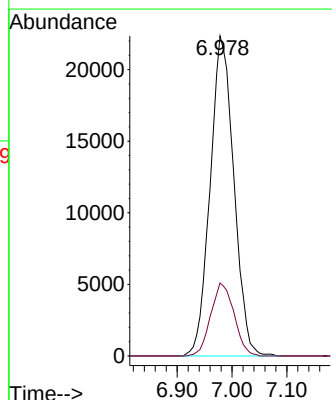
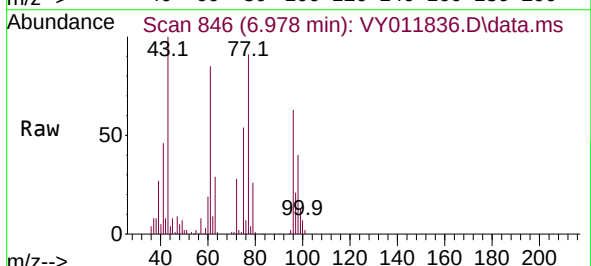
Acq: 14 Dec 2022 11:47

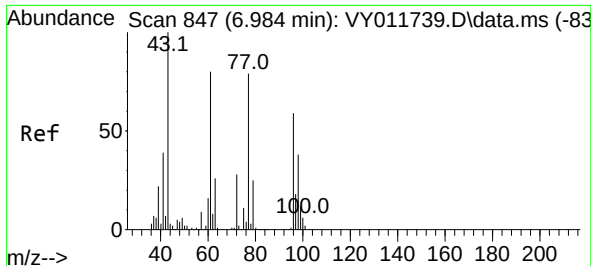
Tgt Ion: 77 Resp: 67084

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.295 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

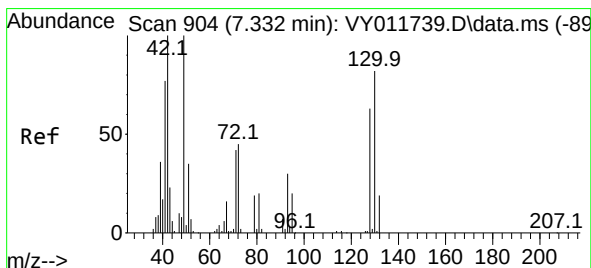
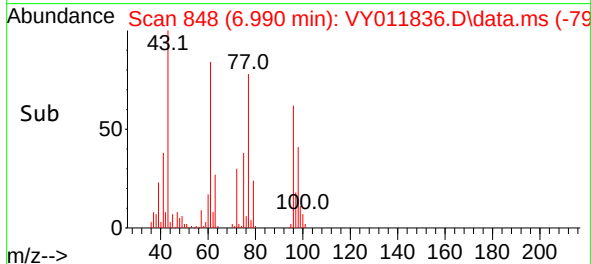
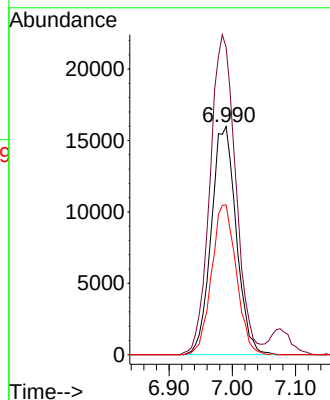
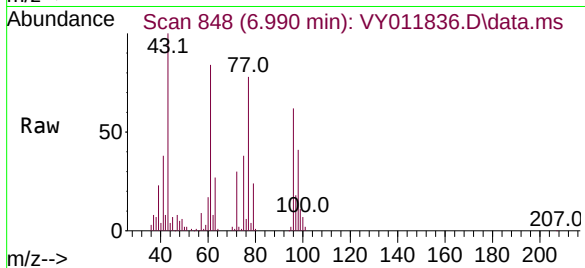
Tgt Ion: 96 Resp: 43875

Ion Ratio Lower Upper

96 100

61 144.1 0.0 283.4

98 64.9 0.0 127.6



#28

Bromochloromethane

Concen: 19.879 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

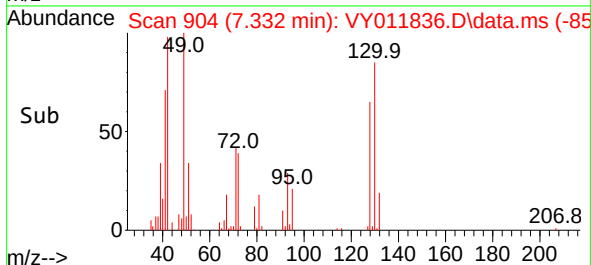
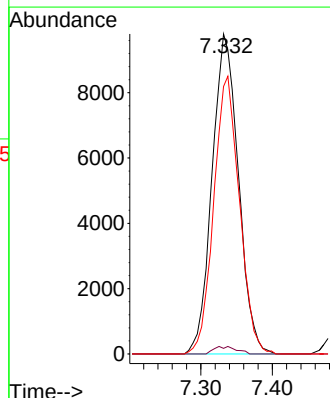
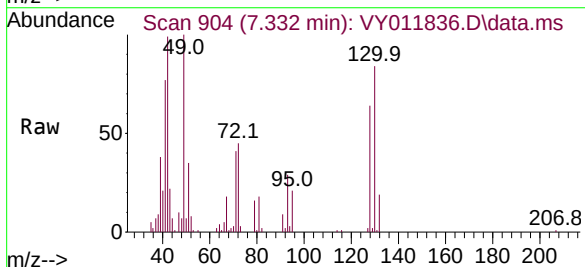
Tgt Ion: 49 Resp: 25084

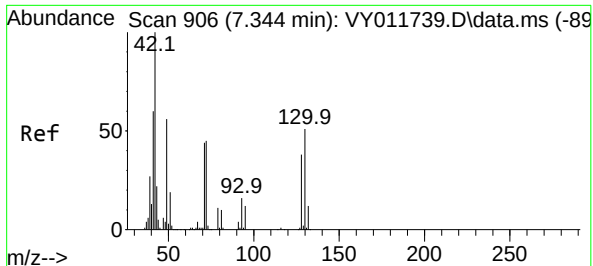
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 84.4 66.7 100.1





#29

Tetrahydrofuran

Concen: 95.268 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

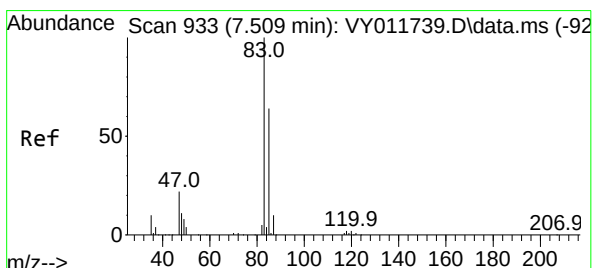
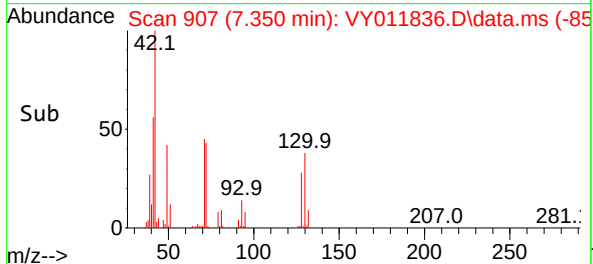
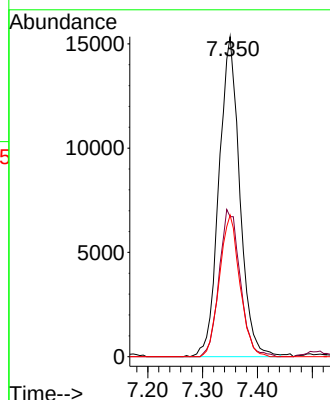
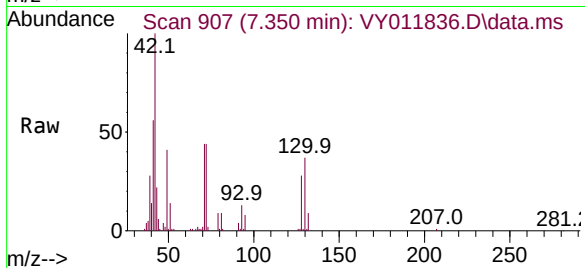
Tgt Ion: 42 Resp: 40500

Ion Ratio Lower Upper

42 100

72 46.5 37.0 55.6

71 43.3 34.9 52.3



#30

Chloroform

Concen: 20.648 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY011836.D

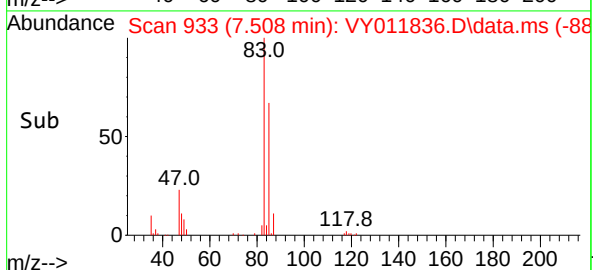
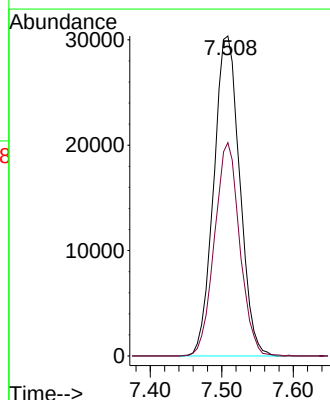
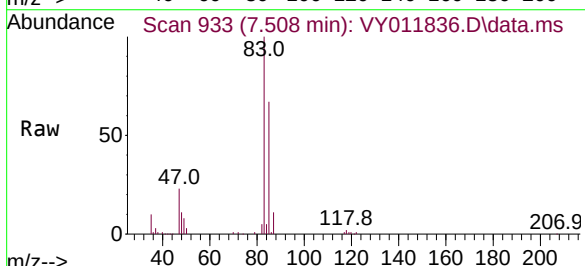
Acq: 14 Dec 2022 11:47

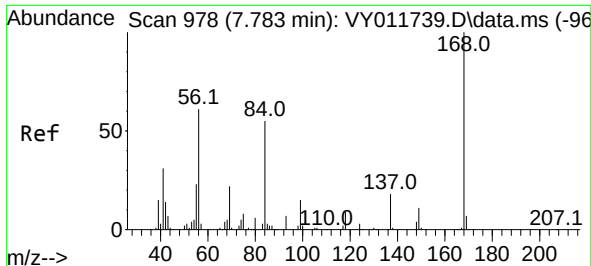
Tgt Ion: 83 Resp: 76509

Ion Ratio Lower Upper

83 100

85 66.6 51.5 77.3

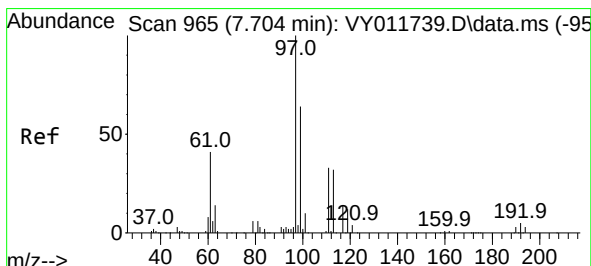
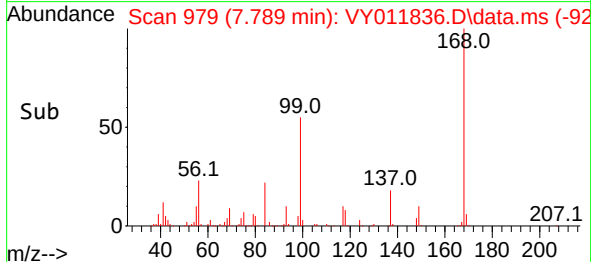
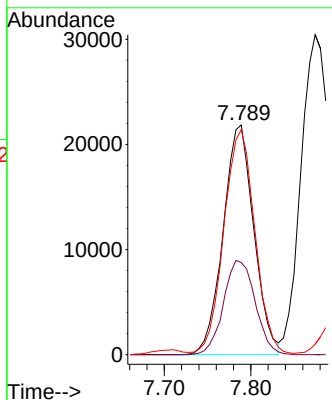
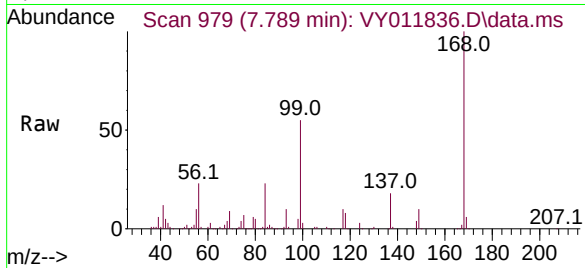




#31
Cyclohexane
Concen: 19.958 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

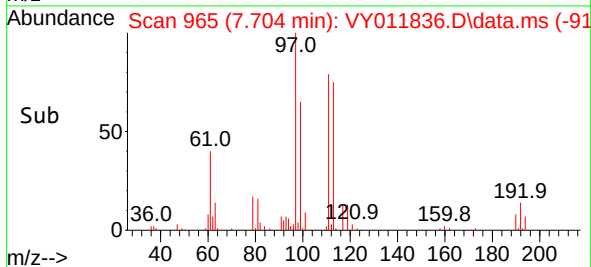
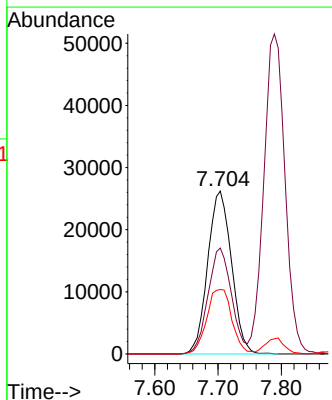
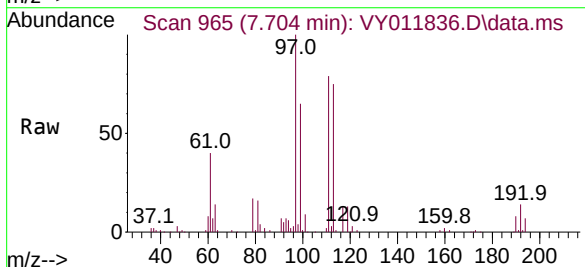
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

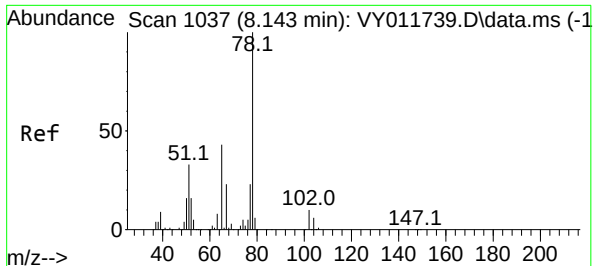
Tgt Ion: 56 Resp: 53992
Ion Ratio Lower Upper
56 100
69 40.1 29.2 43.8
84 96.1 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 20.696 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion: 97 Resp: 68392
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 42.0 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 46.867 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

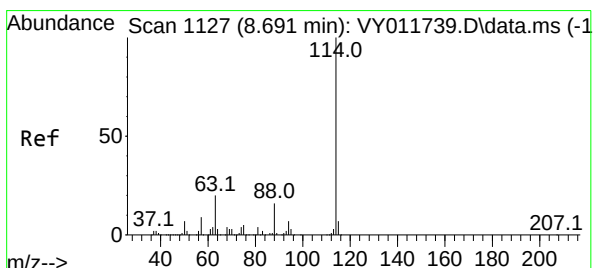
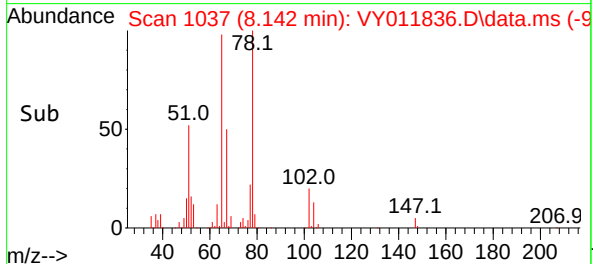
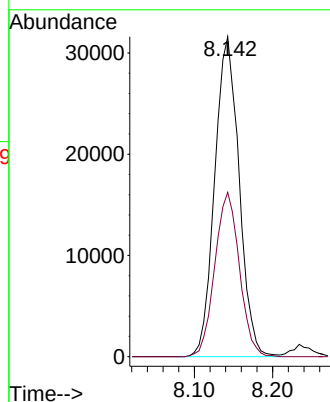
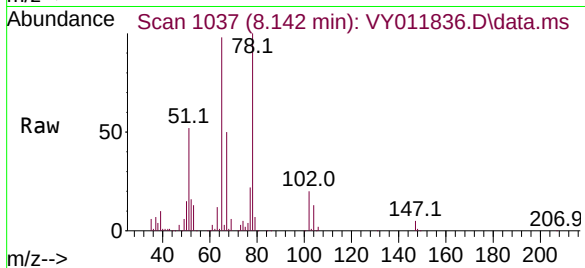
VY1214SBS01

Tgt Ion: 65 Resp: 68445

Ion Ratio Lower Upper

65 100

67 51.7 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: VY011836.D

Acq: 14 Dec 2022 11:47

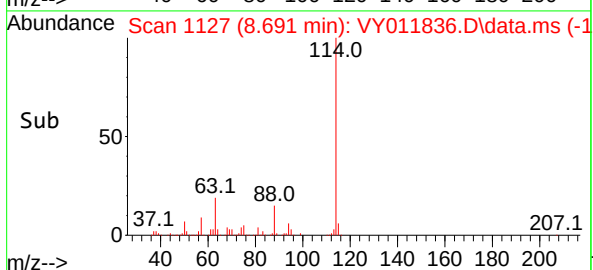
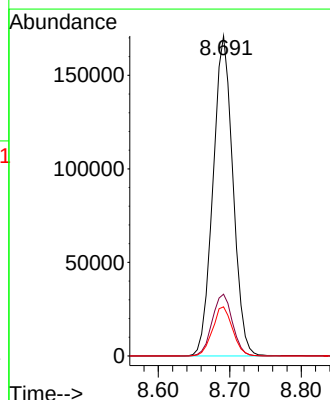
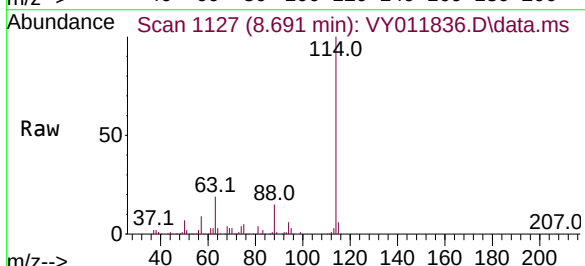
Tgt Ion: 114 Resp: 330791

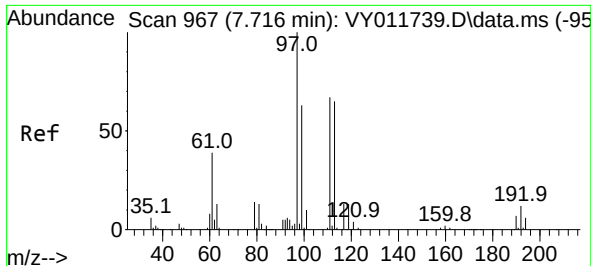
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 15.4 0.0 32.2

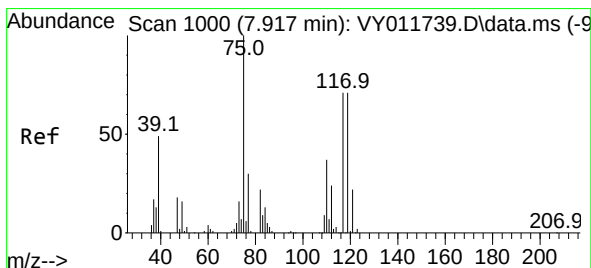
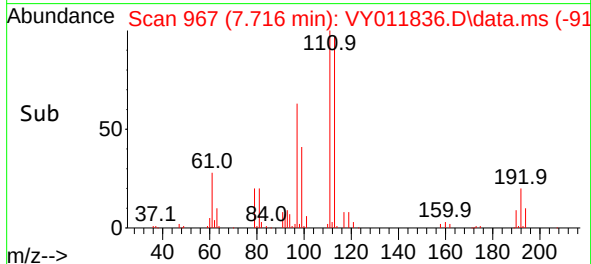
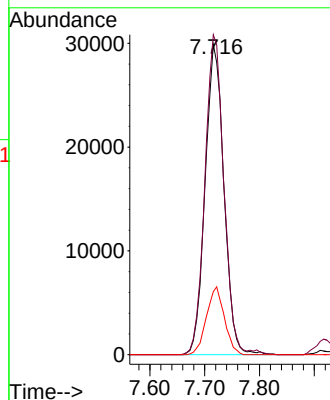
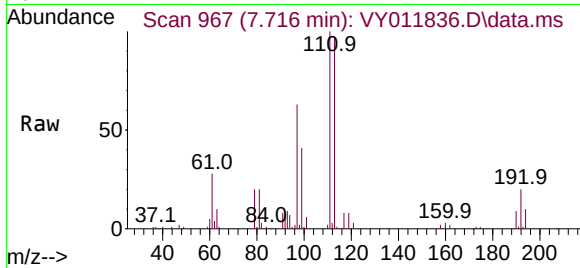




#35
Dibromofluoromethane
Concen: 48.267 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

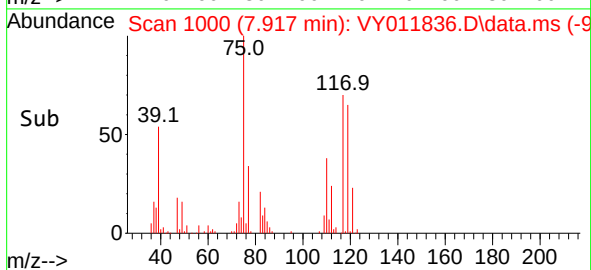
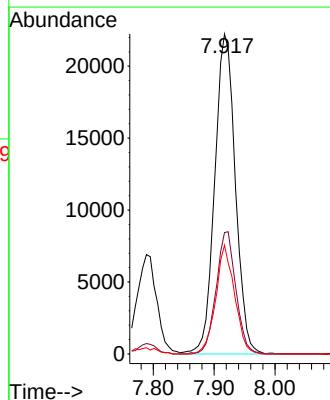
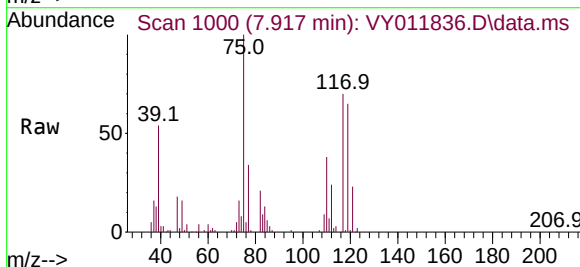
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBSD01

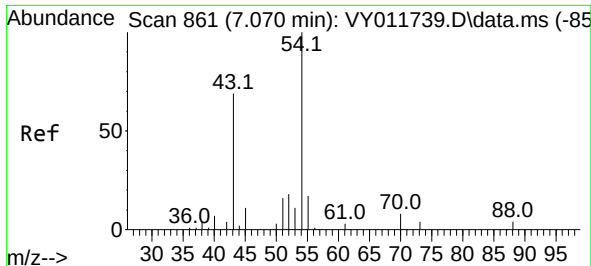
Tgt Ion:113 Resp: 71135
Ion Ratio Lower Upper
113 100
111 103.2 83.0 124.4
192 20.9 16.0 24.0



#36
1,1-Dichloropropene
Concen: 20.819 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion: 75 Resp: 52259
Ion Ratio Lower Upper
75 100
110 36.5 18.1 54.1
77 31.2 25.1 37.7





#37

Ethyl Acetate

Concen: 19.342 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

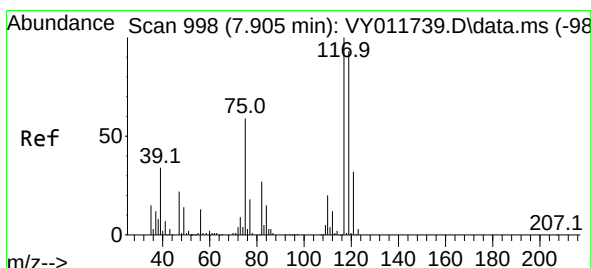
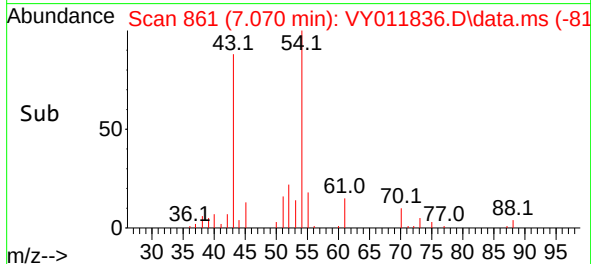
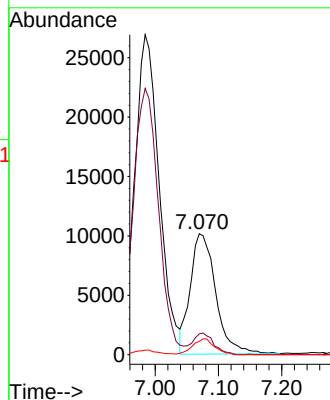
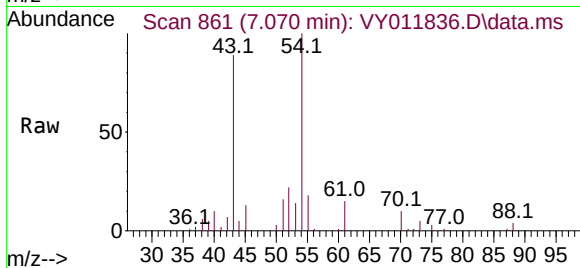
Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBSD01

Tgt Ion:	43	Resp:	28385
Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.3	16.9
70	11.3	8.2	12.4



#38

Carbon Tetrachloride

Concen: 20.968 ug/l

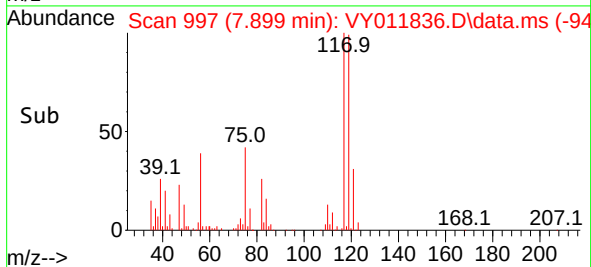
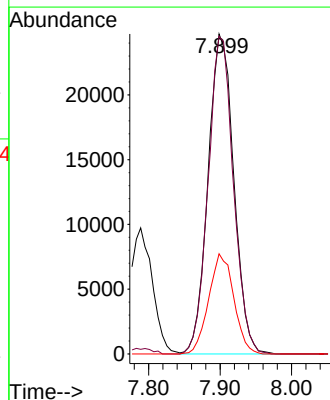
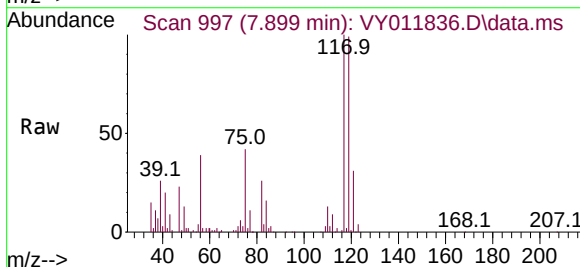
RT: 7.899 min Scan# 997

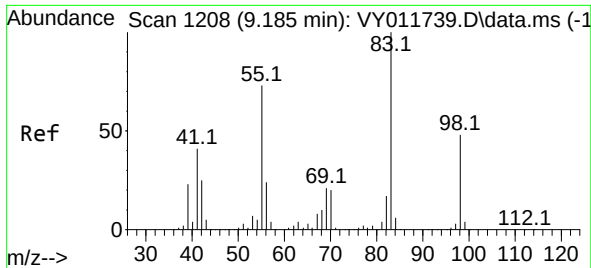
Delta R.T. -0.006 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Tgt Ion:	117	Resp:	61826
Ion	Ratio	Lower	Upper
117	100		
119	99.3	73.8	110.8
121	31.3	25.2	37.8

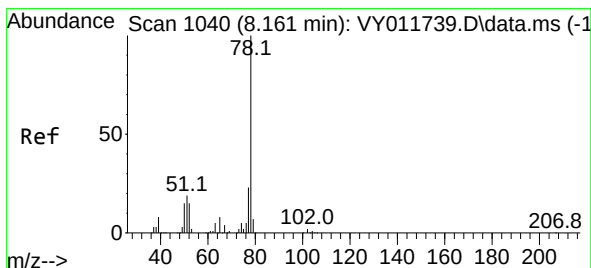
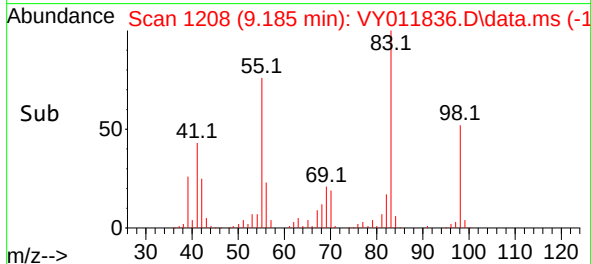
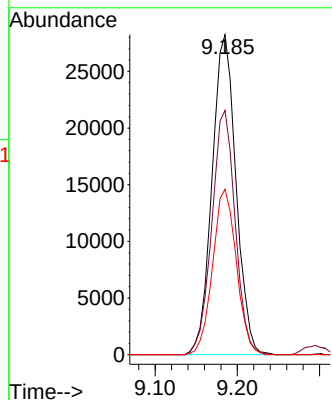
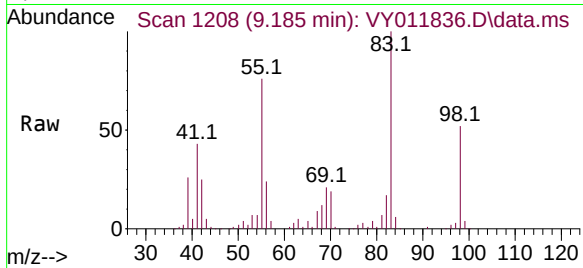




#39
Methylcyclohexane
Concen: 20.258 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

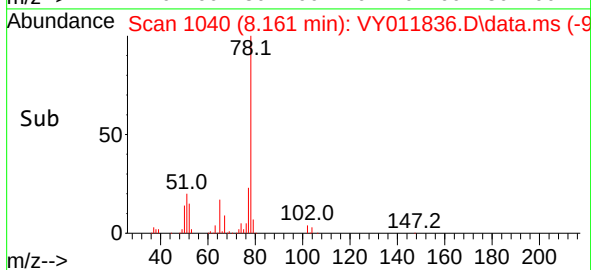
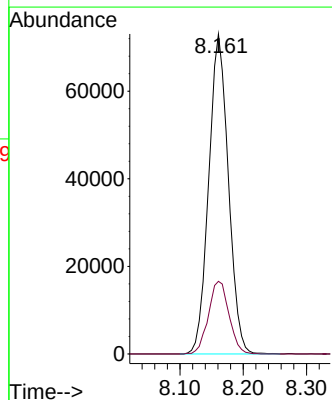
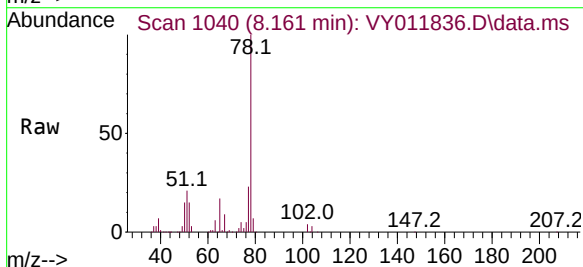
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBSD01

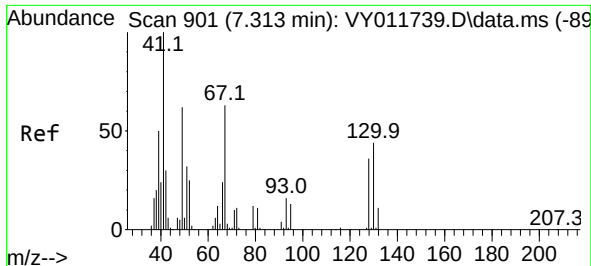
Tgt Ion: 83 Resp: 57217
Ion Ratio Lower Upper
83 100
55 76.4 58.2 87.2
98 51.7 38.6 58.0



#40
Benzene
Concen: 21.003 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion: 78 Resp: 157500
Ion Ratio Lower Upper
78 100
77 22.7 18.6 27.8

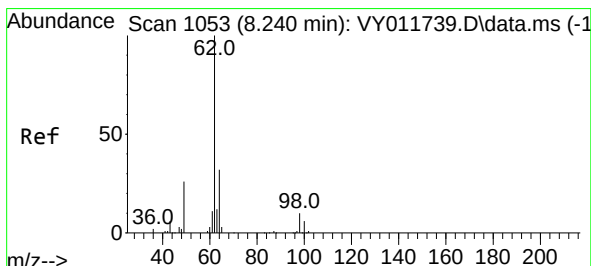
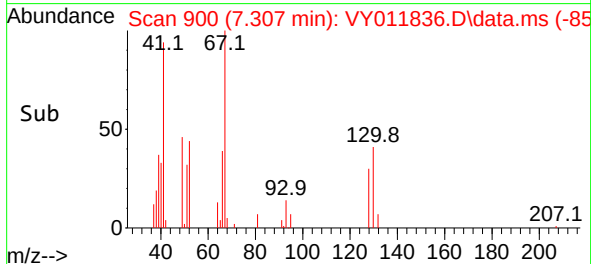
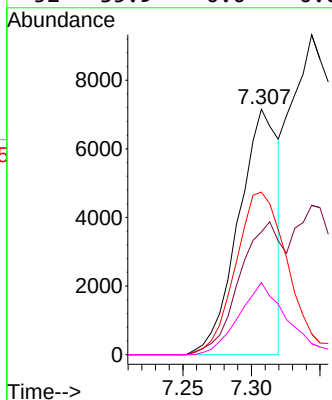
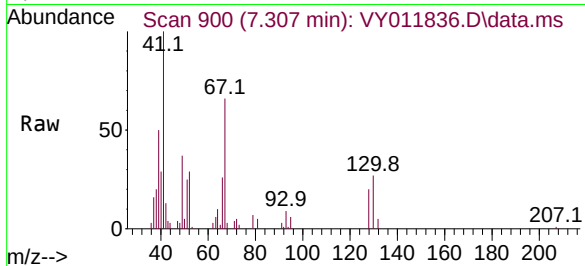




#41
Methacrylonitrile
Concen: 19.429 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

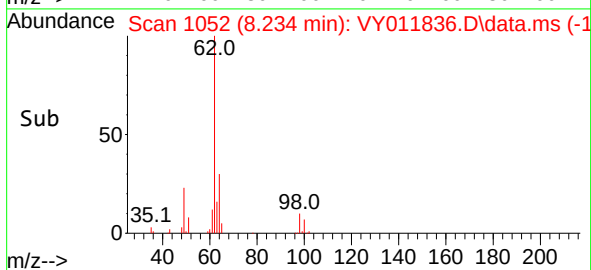
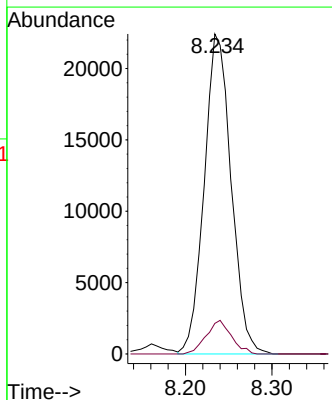
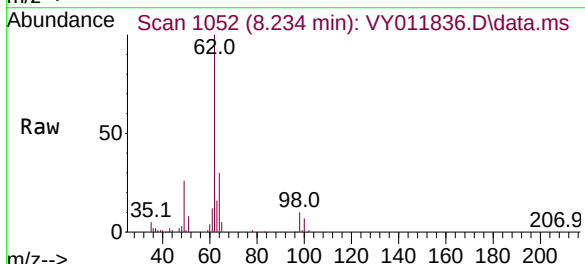
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBSD01

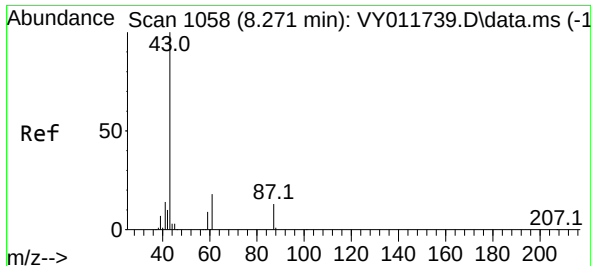
Tgt Ion:	41	Resp:	14394
Ion	Ratio	Lower	Upper
41	100		
39	61.3	0.0	0.0#
67	88.0	0.0	0.0#
52	35.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 20.871 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion:	62	Resp:	48399
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6

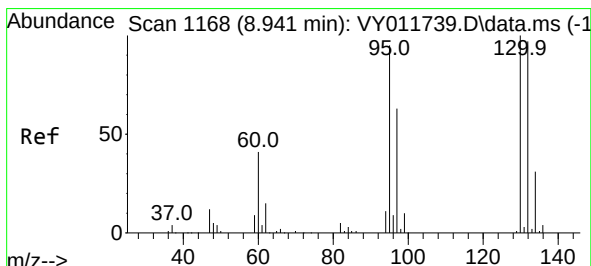
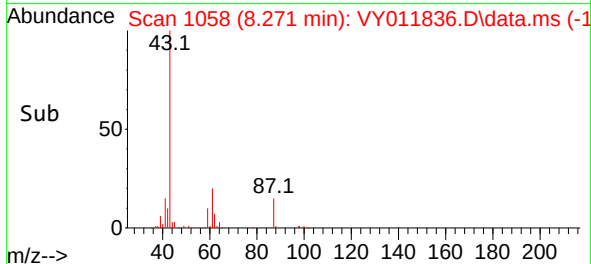
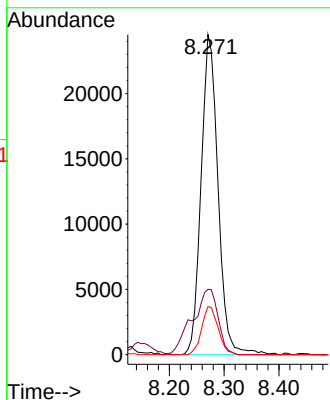
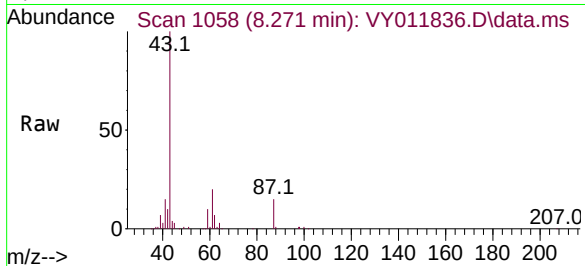




#43
Isopropyl Acetate
Concen: 19.734 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

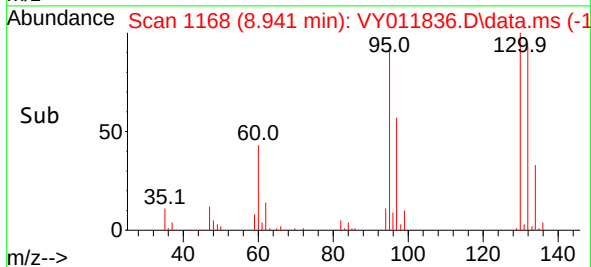
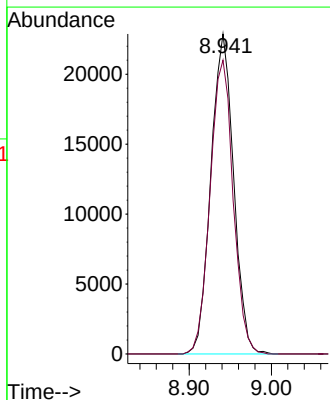
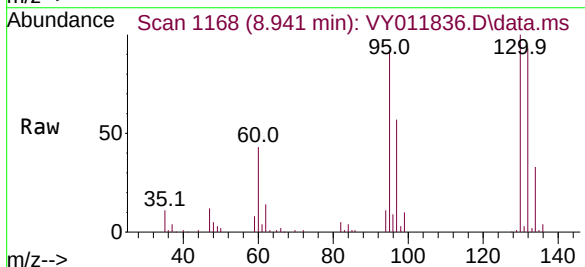
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBSD01

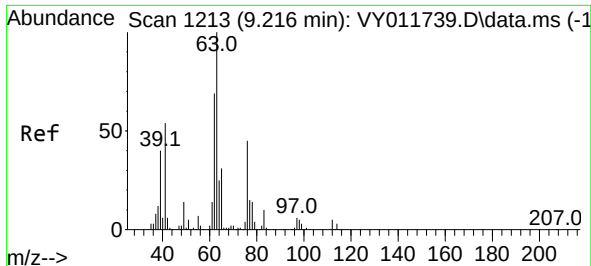
Tgt Ion: 43 Resp: 52513
Ion Ratio Lower Upper
43 100
61 31.1 24.4 36.6
87 14.6 11.4 17.2



#44
Trichloroethene
Concen: 20.978 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion:130 Resp: 44059
Ion Ratio Lower Upper
130 100
95 91.8 0.0 190.6





#45

1,2-Dichloropropane

Concen: 20.244 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

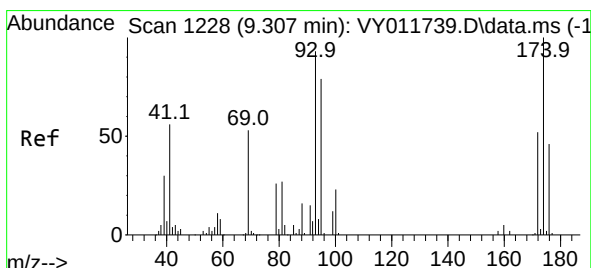
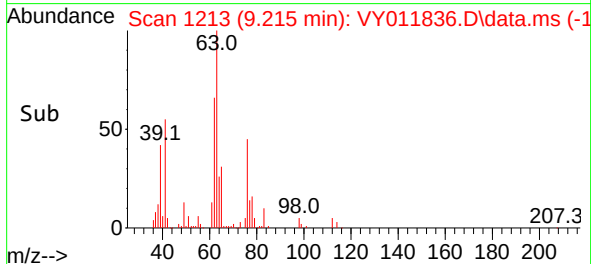
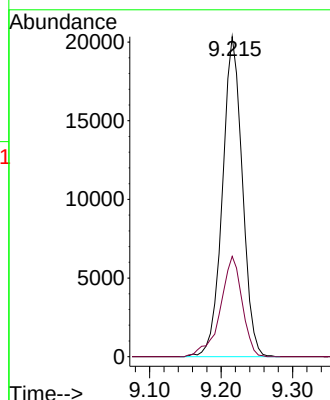
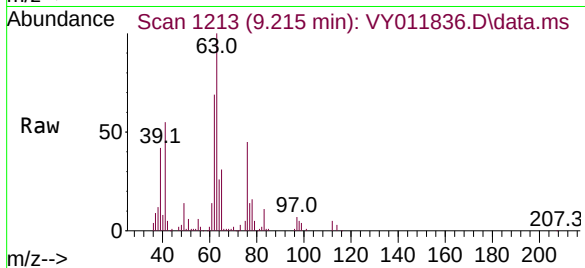
VY1214SBS01

Tgt Ion: 63 Resp: 39291

Ion Ratio Lower Upper

63 100

65 31.4 24.9 37.3



#46

Dibromomethane

Concen: 20.103 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

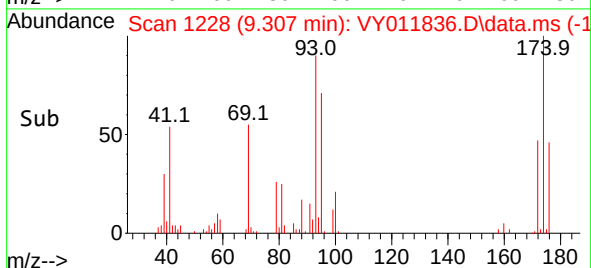
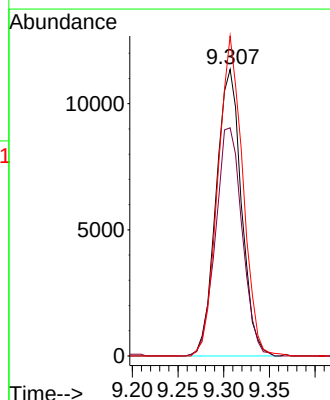
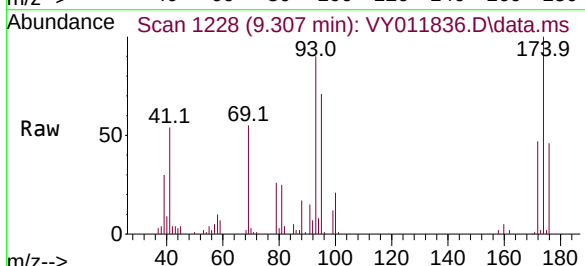
Tgt Ion: 93 Resp: 21841

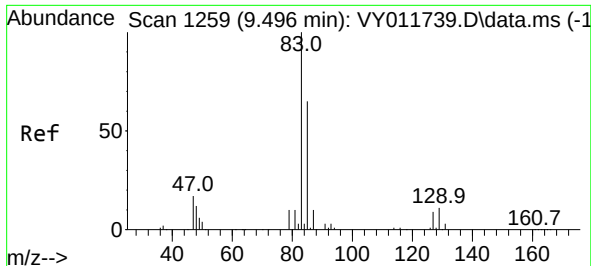
Ion Ratio Lower Upper

93 100

95 83.7 66.1 99.1

174 109.7 84.7 127.1

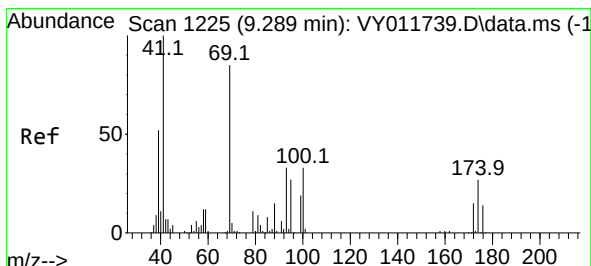
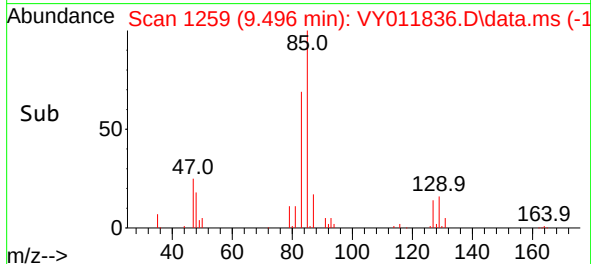
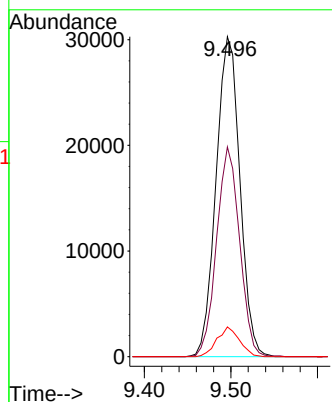
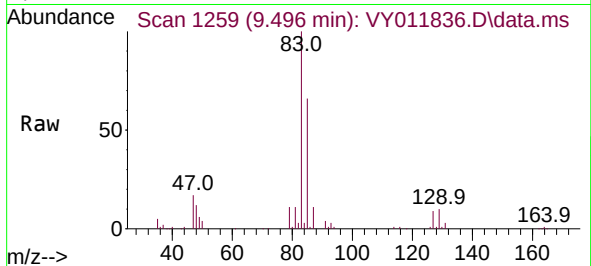




#47
Bromodichloromethane
Concen: 20.611 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

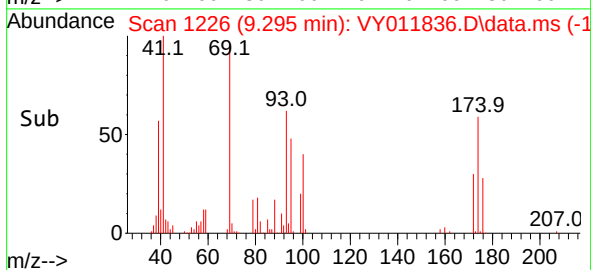
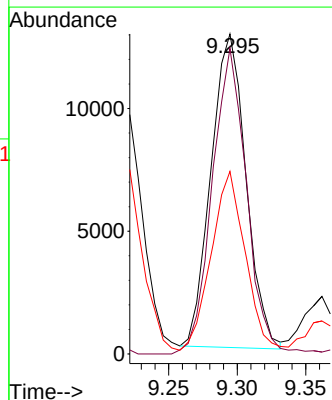
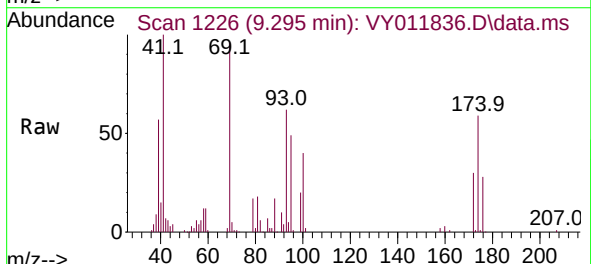
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

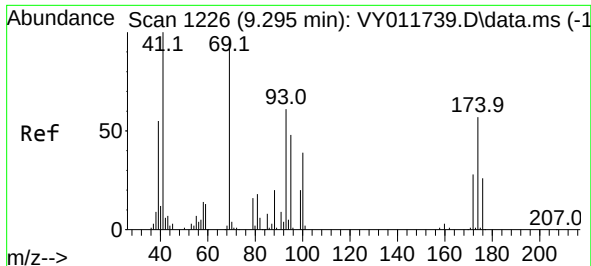
Tgt Ion: 83	Resp: 57852
Ion Ratio	Lower Upper
83 100	
85 65.5	52.0 78.0
127 9.3	7.3 10.9



#48
Methyl methacrylate
Concen: 19.339 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

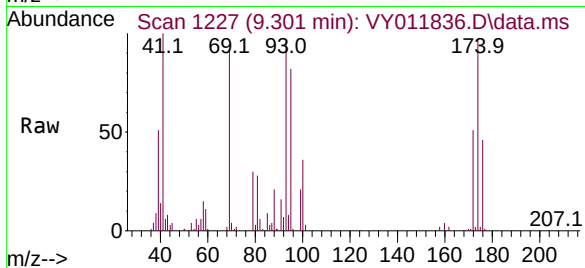
Tgt Ion: 41	Resp: 22685		
Ion Ratio	Lower	Upper	
41 100			
69 96.1	74.2	111.2	
39 58.3	46.3	69.5	



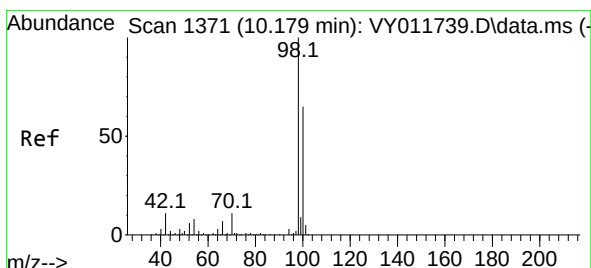
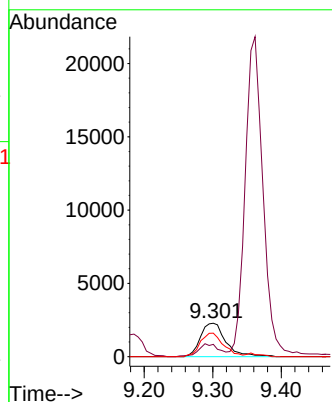
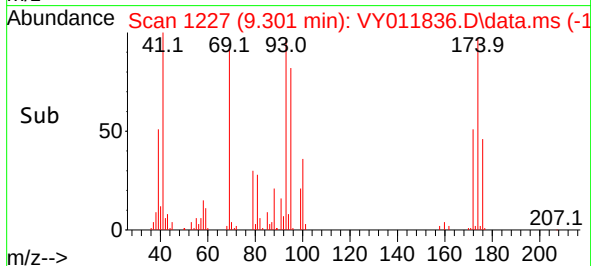


#49
1,4-Dioxane
Concen: 391.332 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBSD01

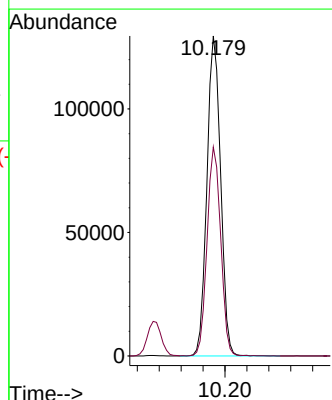
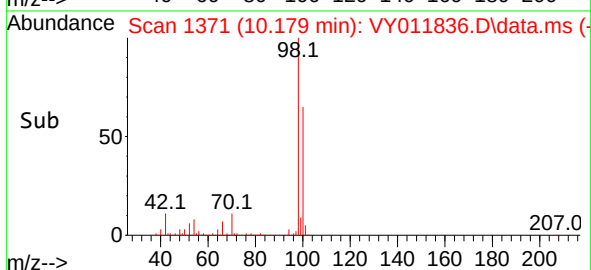
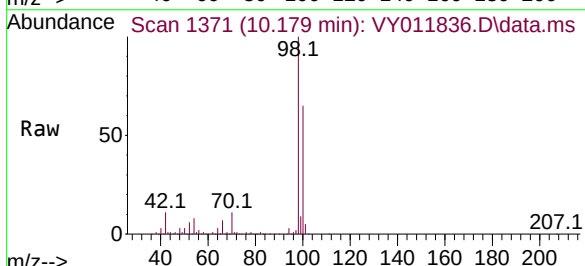


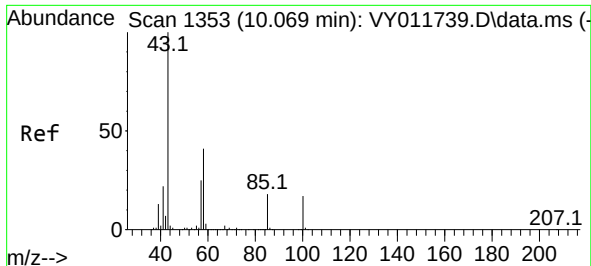
Tgt Ion: 88 Resp: 5890
Ion Ratio Lower Upper
88 100
43 31.2 26.2 39.2
58 64.5 54.3 81.5



#50
Toluene-d8
Concen: 45.813 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion: 98 Resp: 223431
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

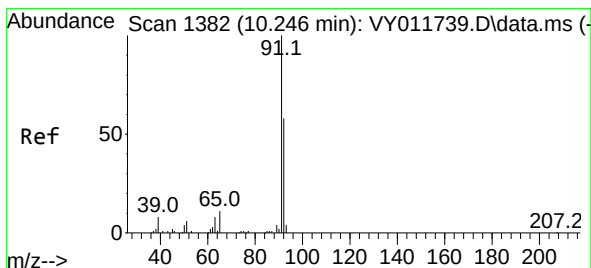
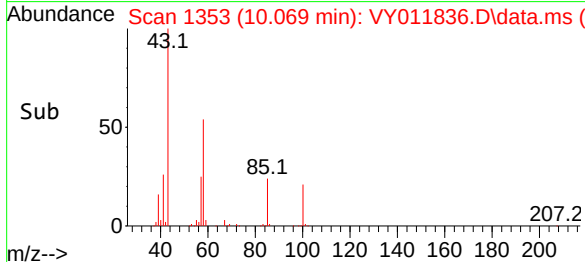
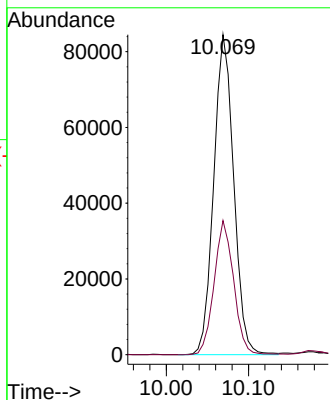
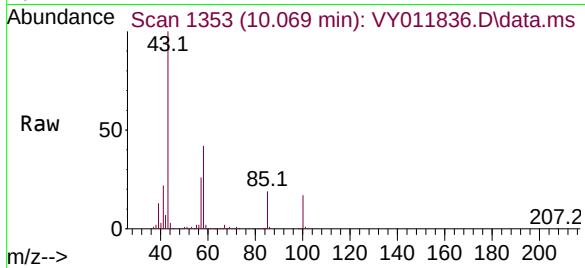




#51
4-Methyl-2-Pentanone
Concen: 97.216 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

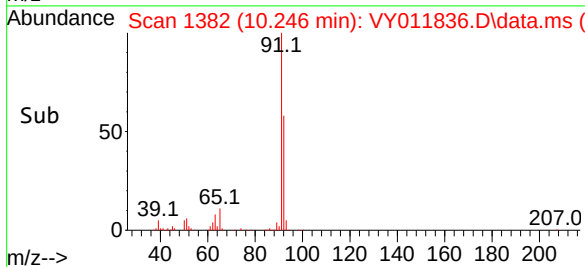
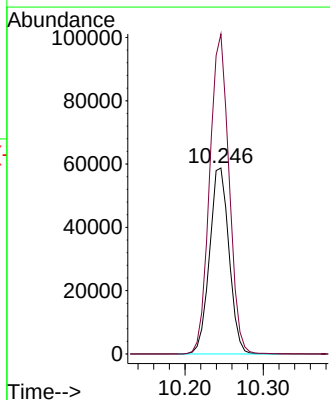
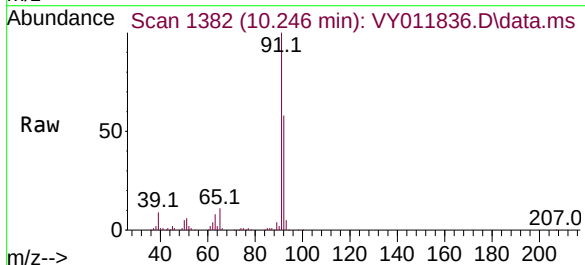
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

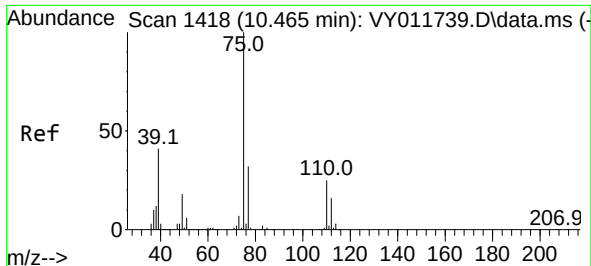
Tgt Ion: 43 Resp: 142546
Ion Ratio Lower Upper
43 100
58 41.1 32.9 49.3



#52
Toluene
Concen: 21.287 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion: 92 Resp: 101482
Ion Ratio Lower Upper
92 100
91 171.1 137.4 206.0

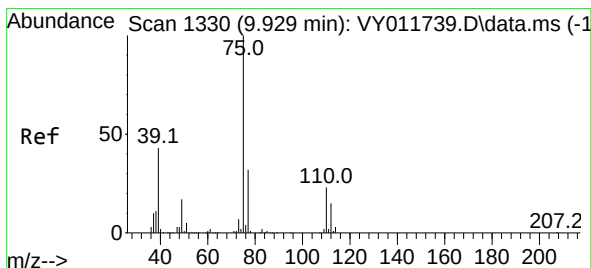
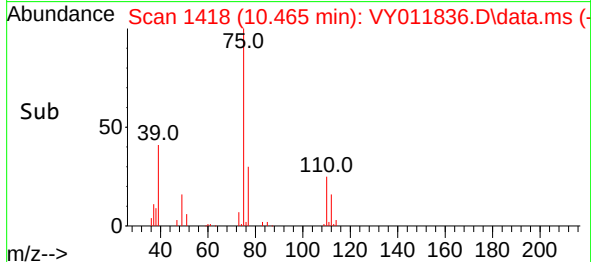
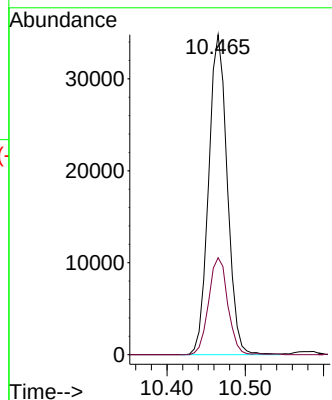
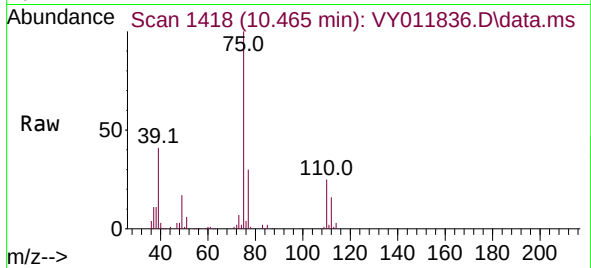




#53
 t-1,3-Dichloropropene
 Concen: 20.494 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY011836.D
 Acq: 14 Dec 2022 11:47

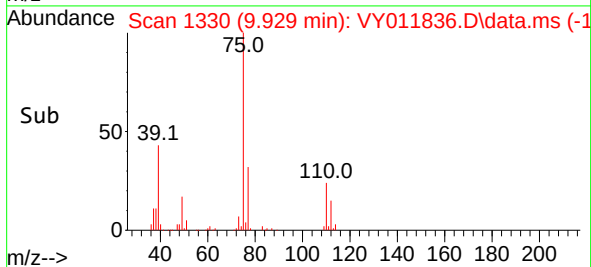
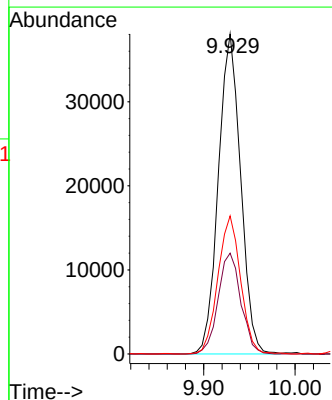
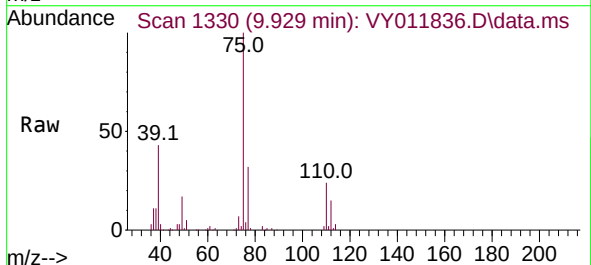
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1214SBS01

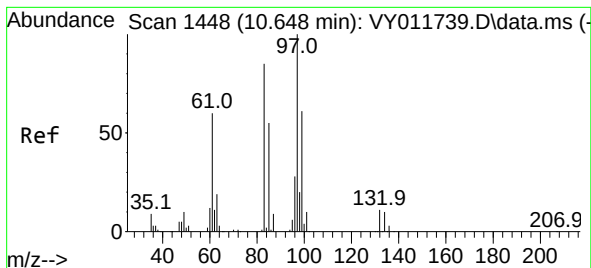
Tgt Ion: 75 Resp: 57457
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.482 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY011836.D
 Acq: 14 Dec 2022 11:47

Tgt Ion: 75 Resp: 64519
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.9 38.9
 39 43.1 34.6 52.0





#55

1,1,2-Trichloroethane

Concen: 20.858 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBSD01

Tgt Ion: 97 Resp: 33494

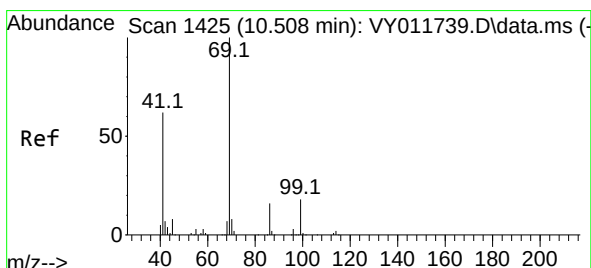
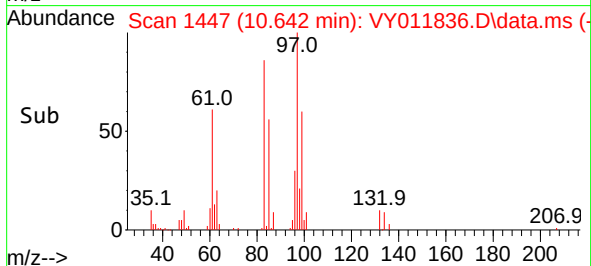
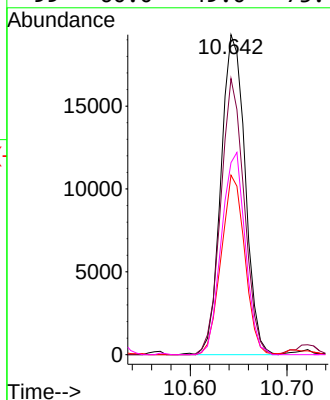
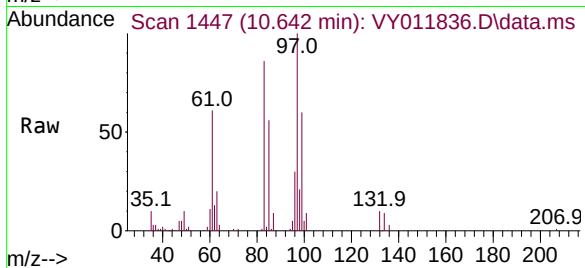
Ion Ratio Lower Upper

97 100

83 86.3 67.7 101.5

85 56.1 43.8 65.8

99 60.0 49.0 73.4



#56

Ethyl methacrylate

Concen: 19.449 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

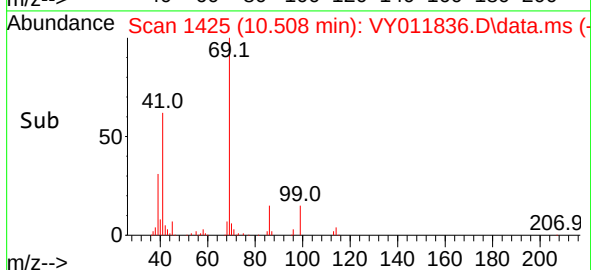
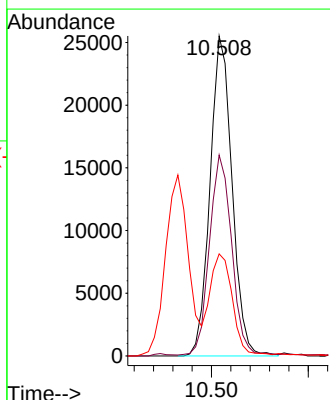
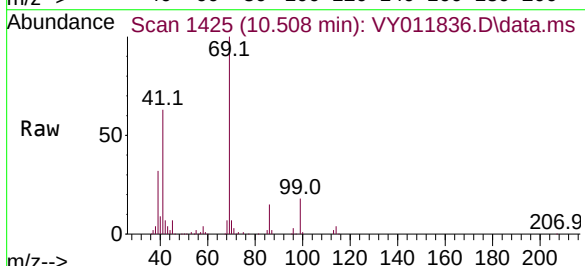
Tgt Ion: 69 Resp: 40317

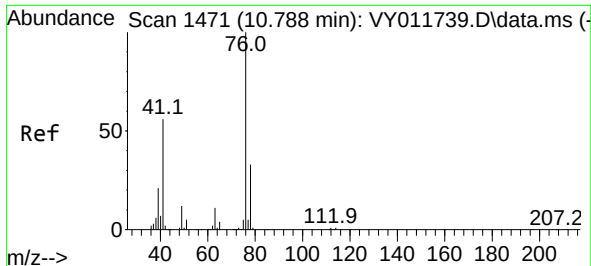
Ion Ratio Lower Upper

69 100

41 62.9 48.9 73.3

39 31.9 25.9 38.9





#57

1,3-Dichloropropane

Concen: 20.813 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

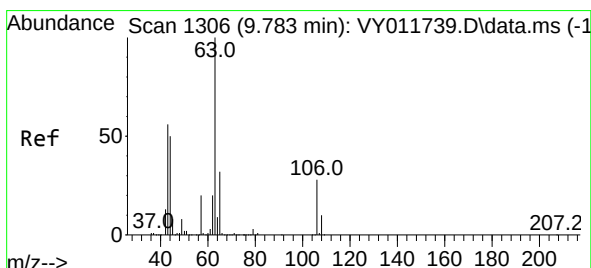
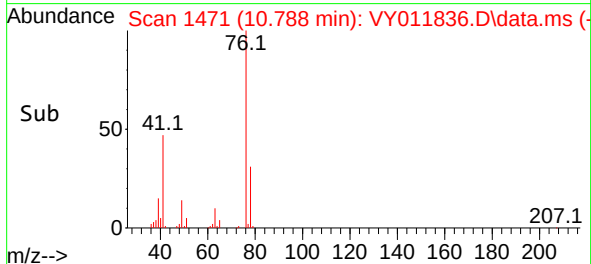
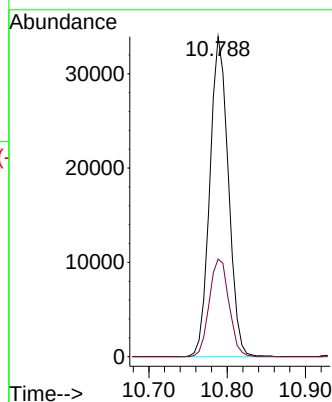
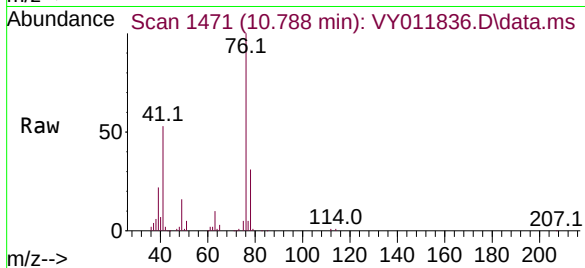
VY1214SBSD01

Tgt Ion: 76 Resp: 55711

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.469 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011836.D

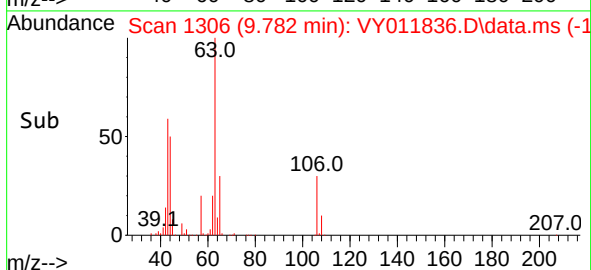
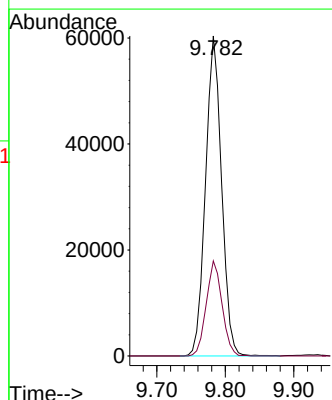
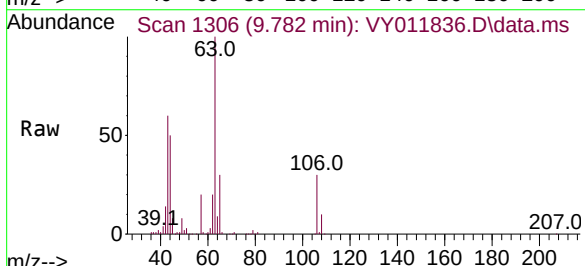
Acq: 14 Dec 2022 11:47

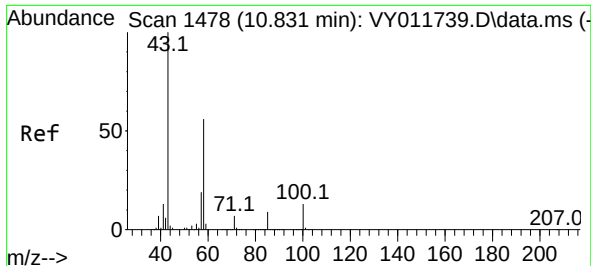
Tgt Ion: 63 Resp: 98495

Ion Ratio Lower Upper

63 100

106 29.2 23.2 34.8

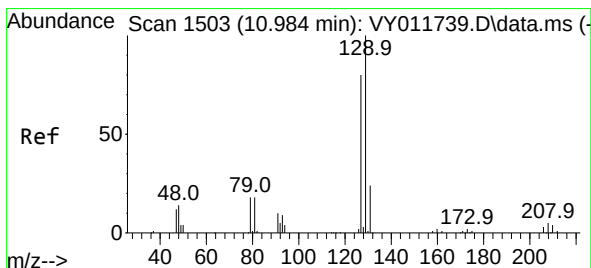
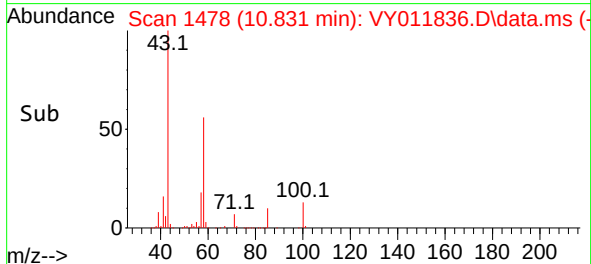
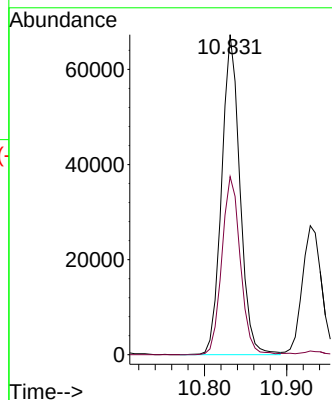
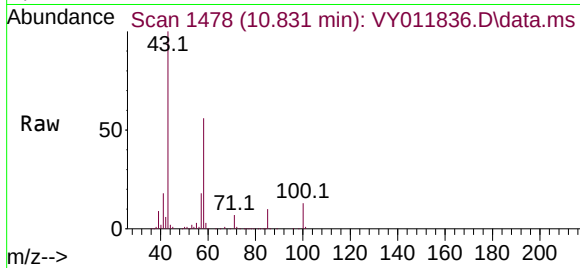




#59
2-Hexanone
Concen: 99.314 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

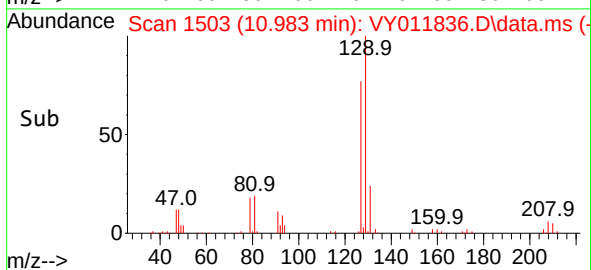
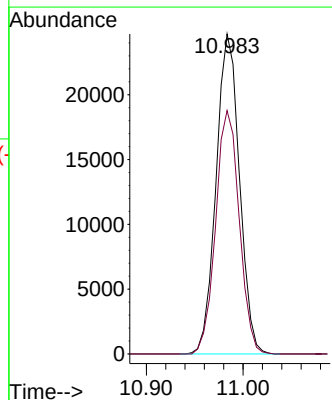
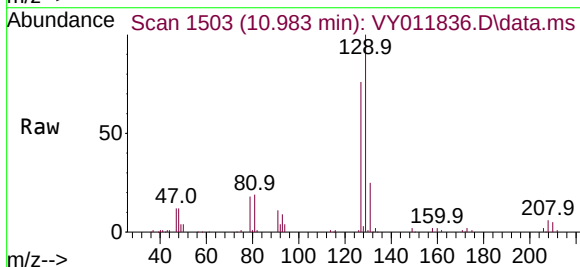
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

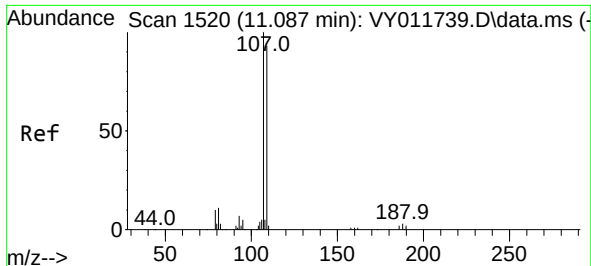
Tgt Ion: 43 Resp: 104046
Ion Ratio Lower Upper
43 100
58 56.3 28.4 85.2



#60
Dibromochloromethane
Concen: 20.578 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion: 129 Resp: 41387
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6

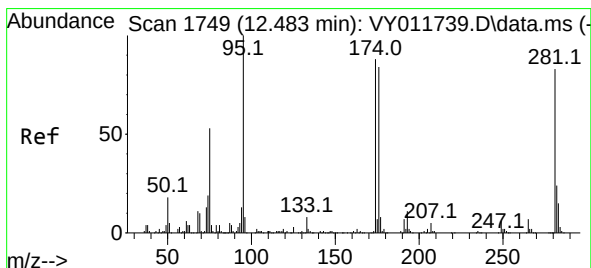
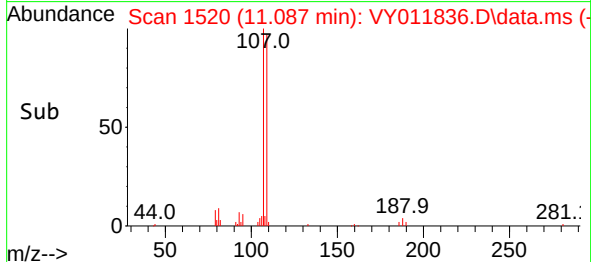
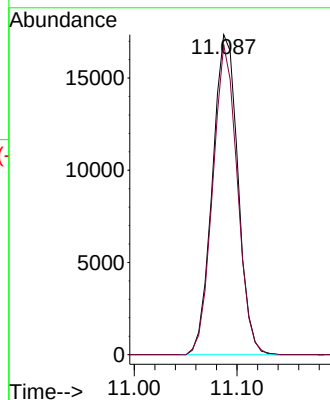
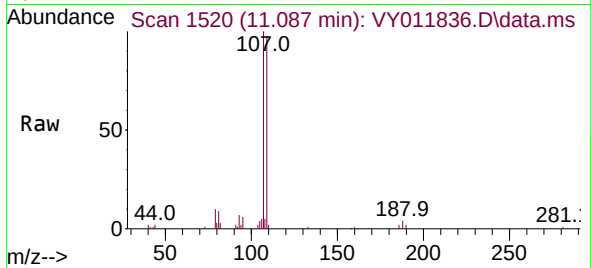




#61
1,2-Dibromoethane
Concen: 20.495 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

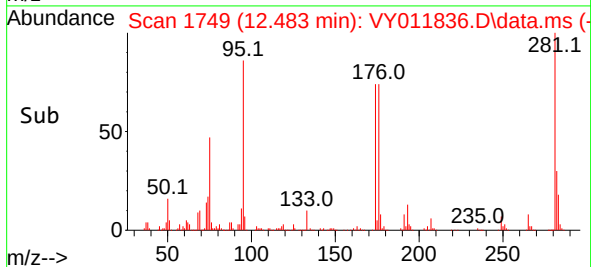
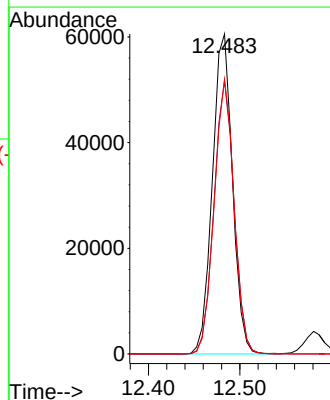
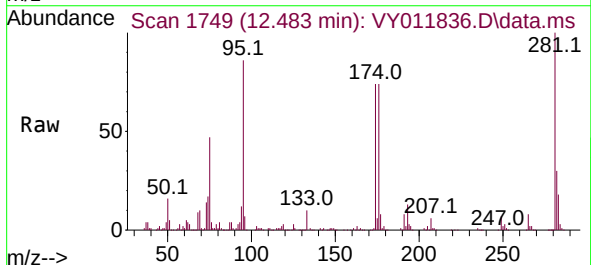
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

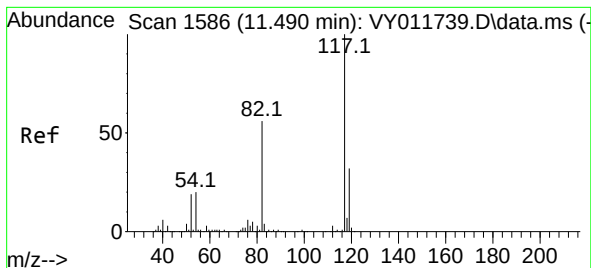
Tgt Ion:107 Resp: 29816
Ion Ratio Lower Upper
107 100
109 93.5 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 47.967 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion: 95 Resp: 92350
Ion Ratio Lower Upper
95 100
174 85.3 0.0 172.0
176 85.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBSD01

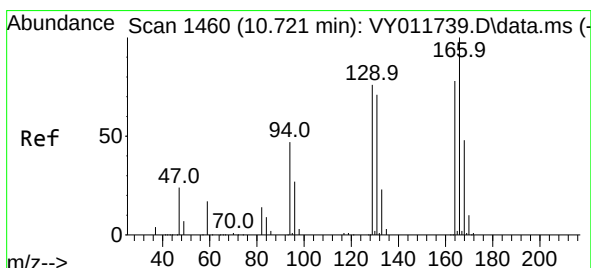
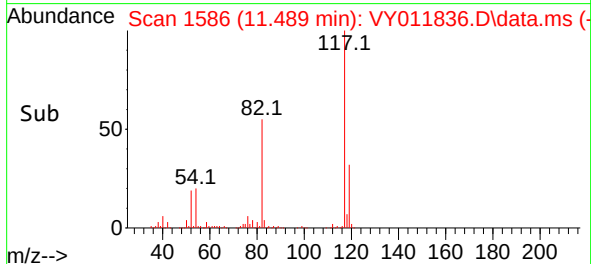
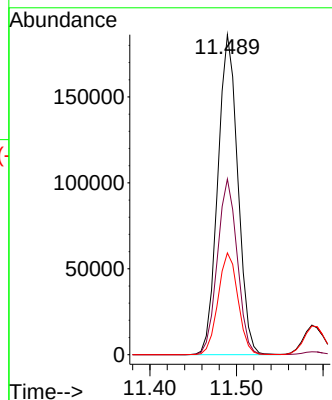
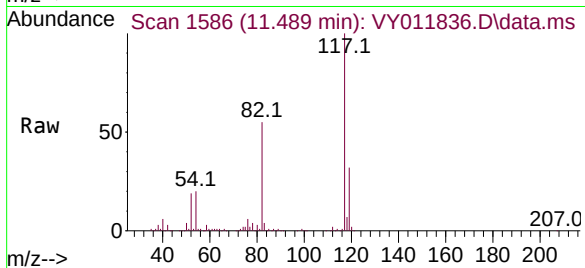
Tgt Ion:117 Resp: 298838

Ion Ratio Lower Upper

117 100

82 54.9 44.8 67.2

119 31.8 25.4 38.2



#64

Tetrachloroethene

Concen: 20.751 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Tgt Ion:164 Resp: 43875

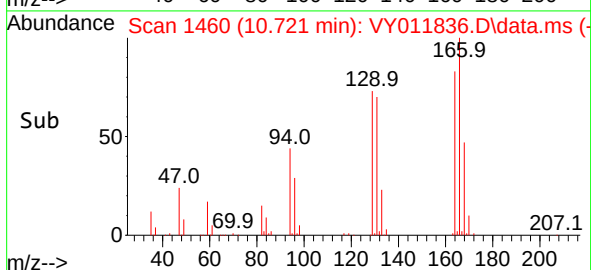
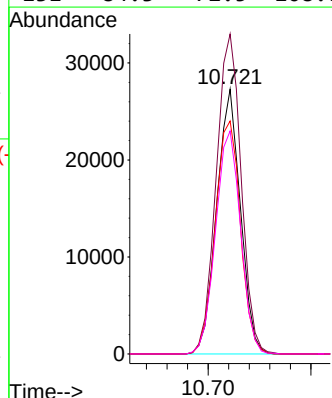
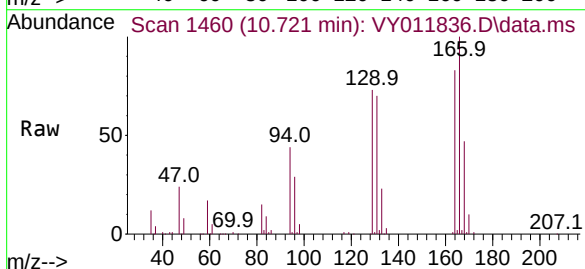
Ion Ratio Lower Upper

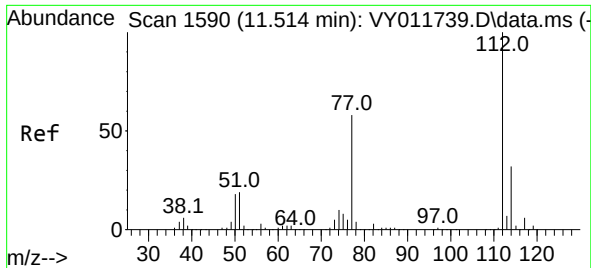
164 100

166 120.9 102.3 153.5

129 88.0 77.2 115.8

131 84.3 72.5 108.7

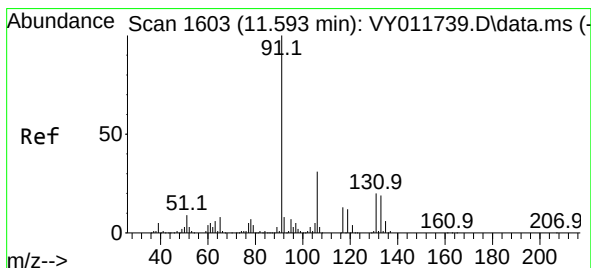
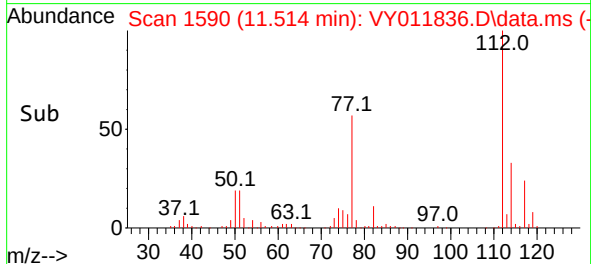
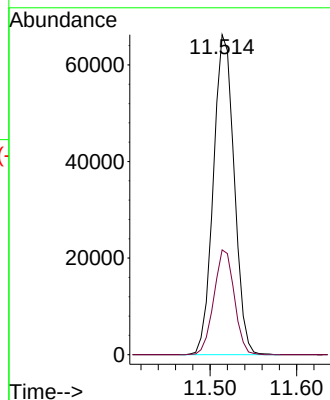
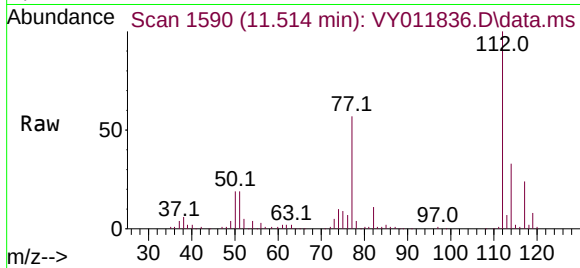




#65
Chlorobenzene
Concen: 20.545 ug/l
RT: 11.514 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

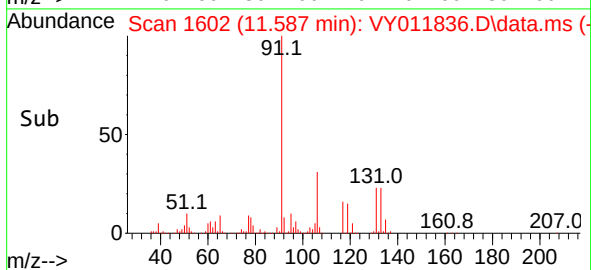
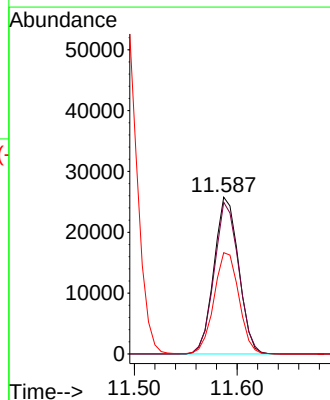
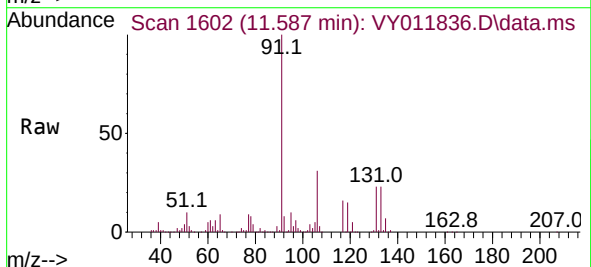
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

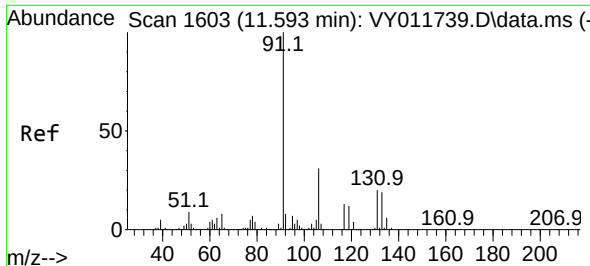
Tgt Ion:112 Resp: 110628
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.535 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion:131 Resp: 42896
Ion Ratio Lower Upper
131 100
133 96.2 47.3 142.0
119 65.3 32.1 96.3

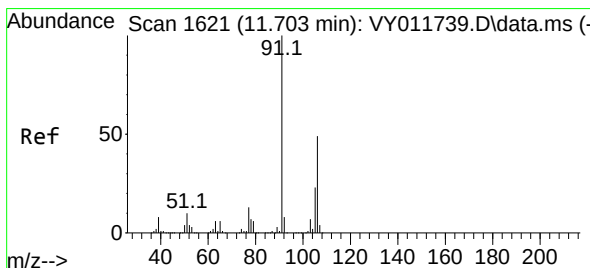
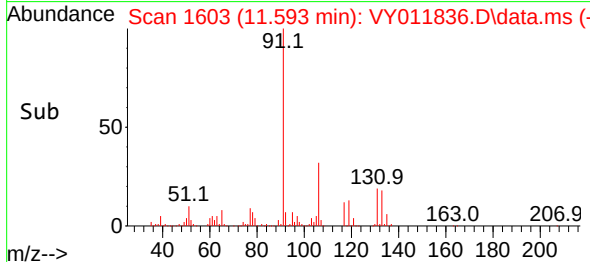
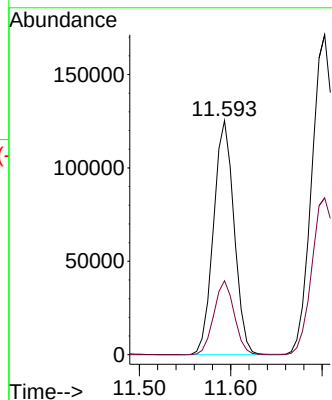
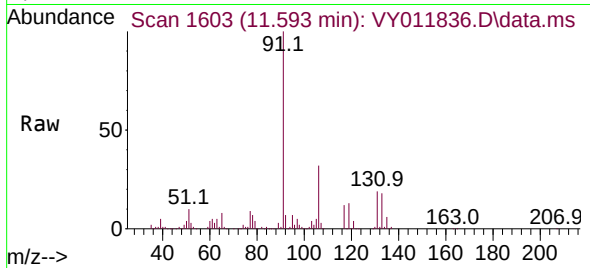




#67
Ethyl Benzene
Concen: 20.665 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

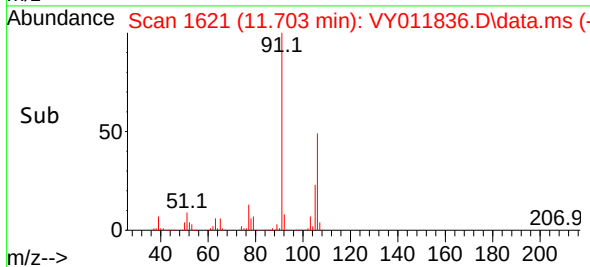
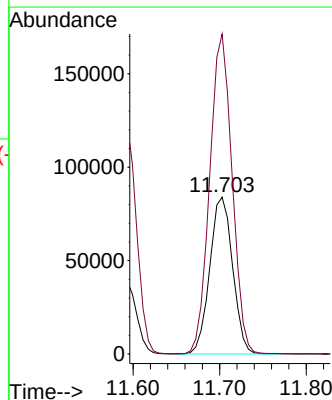
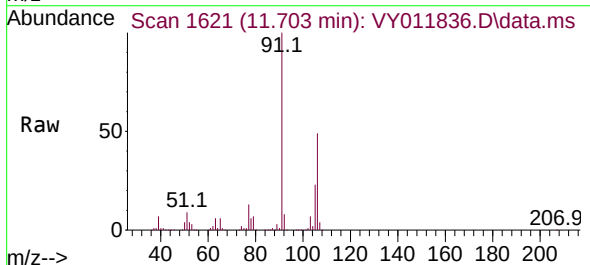
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBSD01

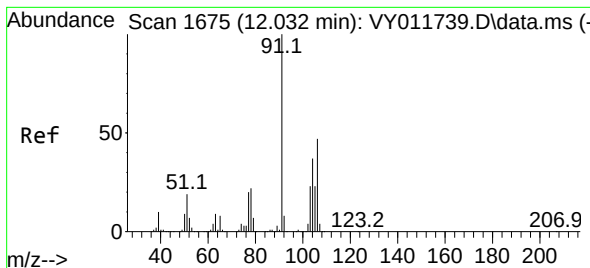
Tgt Ion: 91 Resp: 196063
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4



#68
m/p-Xylenes
Concen: 42.357 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion:106 Resp: 153900
Ion Ratio Lower Upper
106 100
91 199.9 162.5 243.7

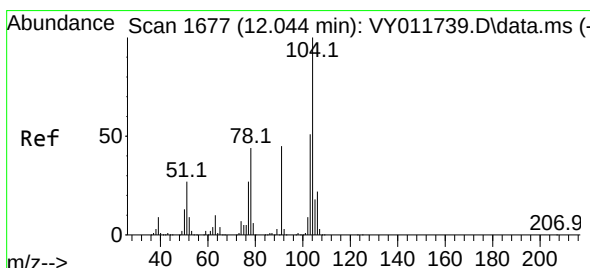
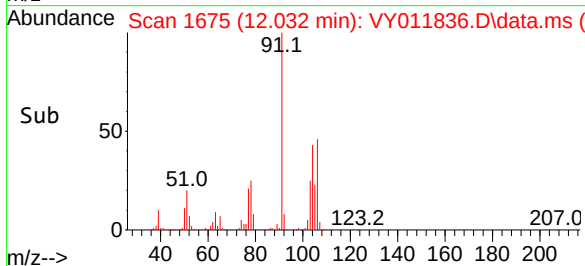
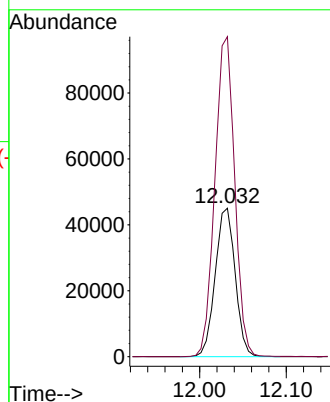
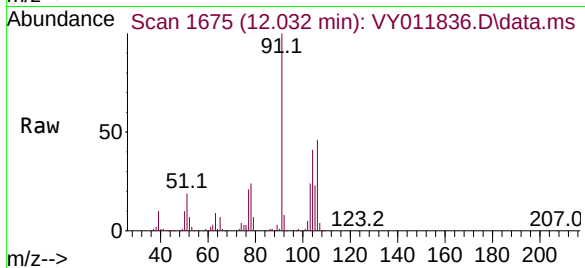




#69
o-Xylene
Concen: 20.822 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

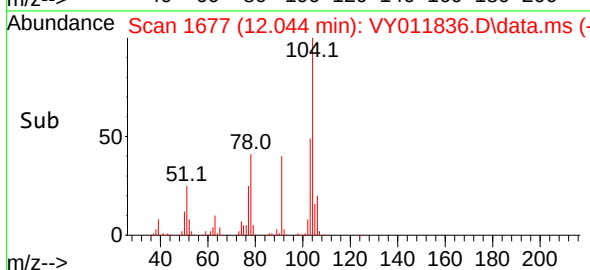
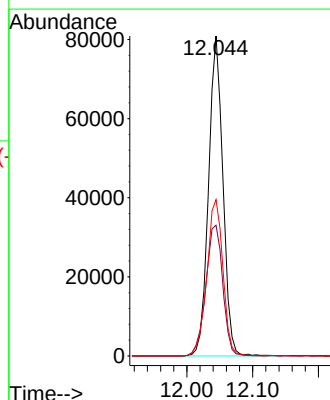
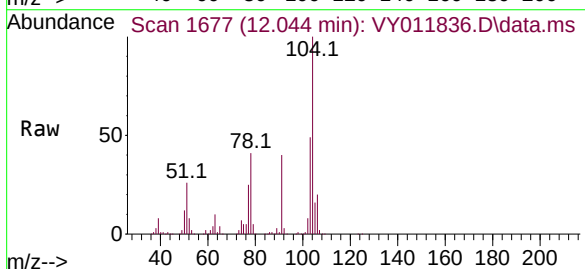
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

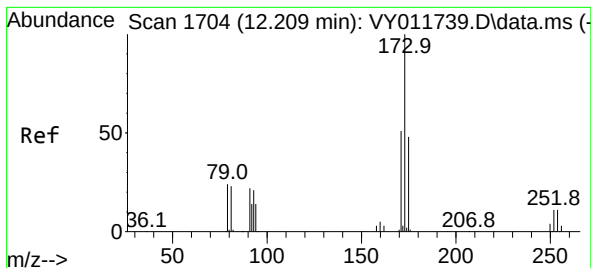
Tgt Ion:106 Resp: 72113
Ion Ratio Lower Upper
106 100
91 214.2 107.5 322.4



#70
Styrene
Concen: 20.821 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion:104 Resp: 123076
Ion Ratio Lower Upper
104 100
78 48.1 39.4 59.0
103 54.6 43.0 64.4





#71

Bromoform

Concen: 20.272 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

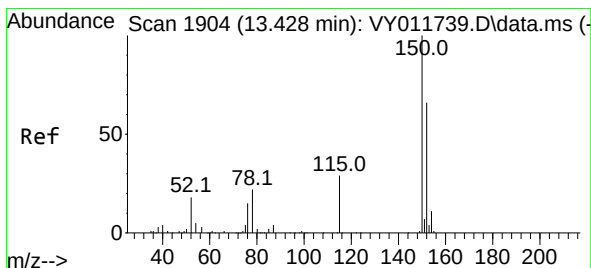
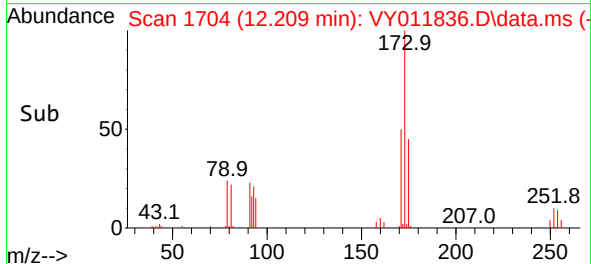
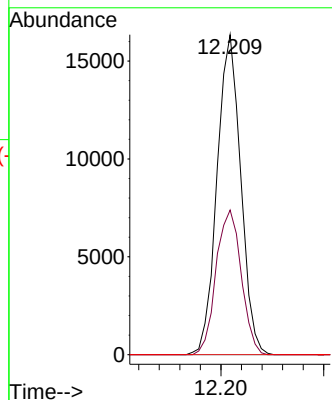
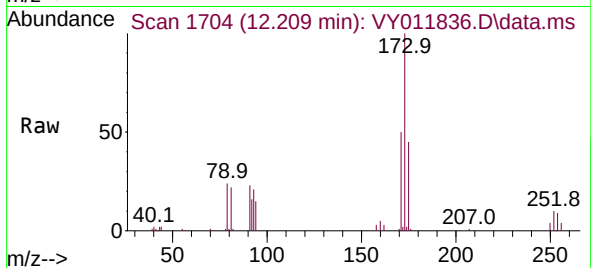
Tgt Ion:173 Resp: 26120

Ion Ratio Lower Upper

173 100

175 48.0 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: VY011836.D

Acq: 14 Dec 2022 11:47

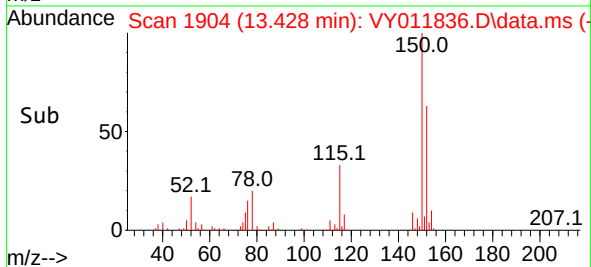
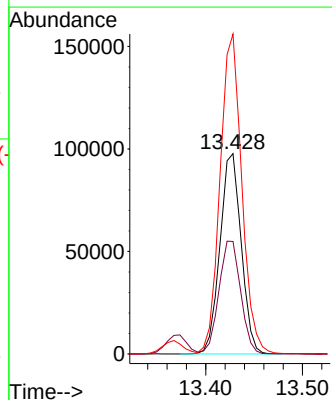
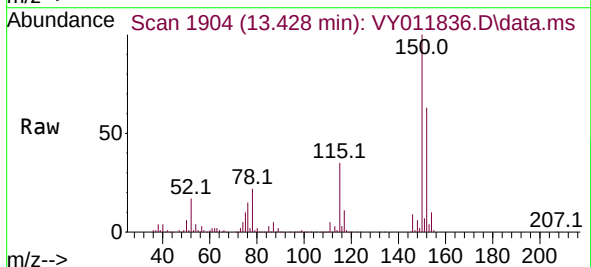
Tgt Ion:152 Resp: 148868

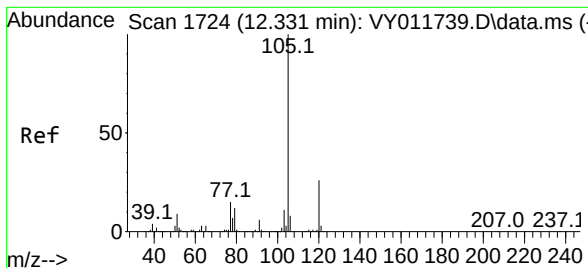
Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.3

150 163.1 0.0 342.6





#73

Isopropylbenzene

Concen: 20.752 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

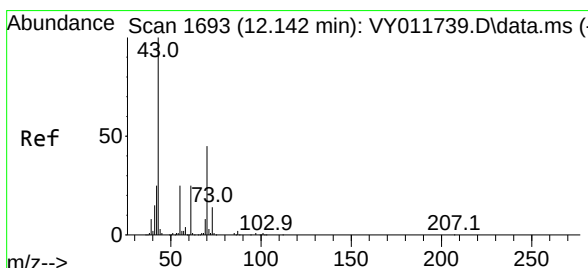
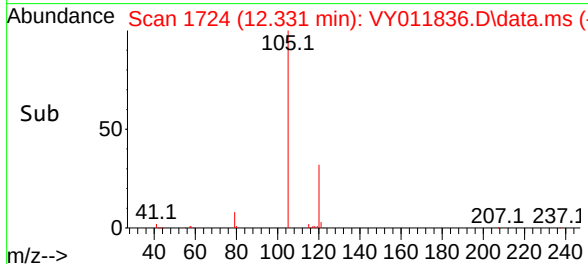
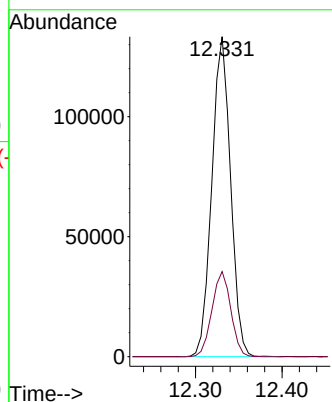
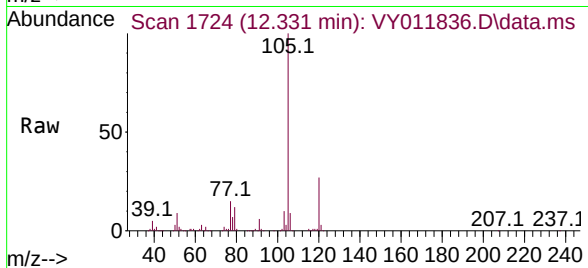
VY1214SBSD01

Tgt Ion:105 Resp: 200156

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



#74

N-ethyl acetate

Concen: 18.997 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Tgt Ion: 43 Resp: 44055

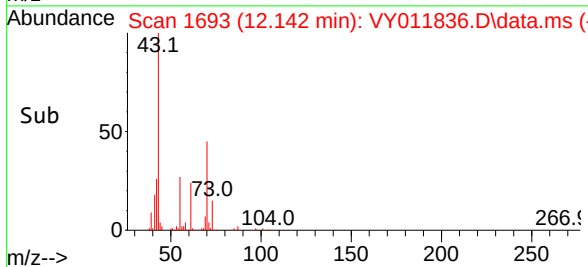
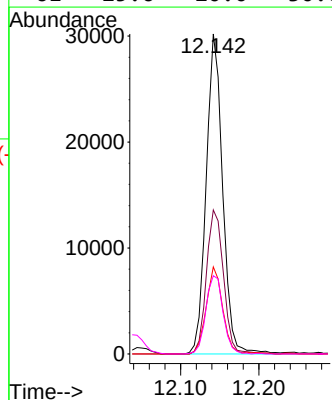
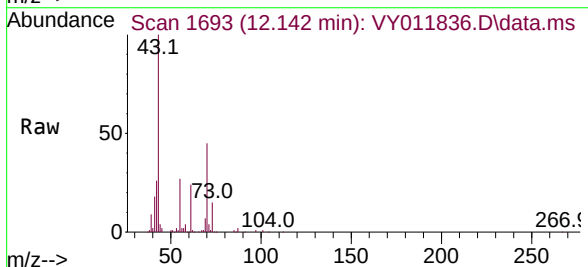
Ion Ratio Lower Upper

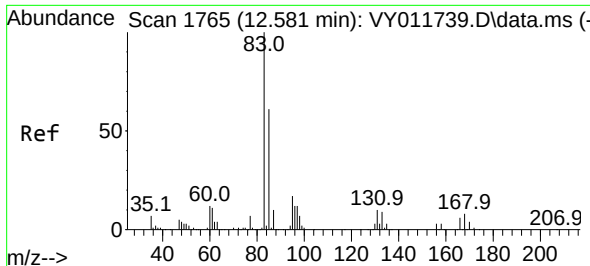
43 100

70 46.6 35.8 53.8

55 27.5 21.0 31.4

61 25.6 20.0 30.0

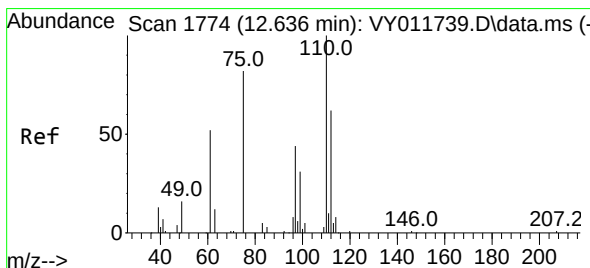
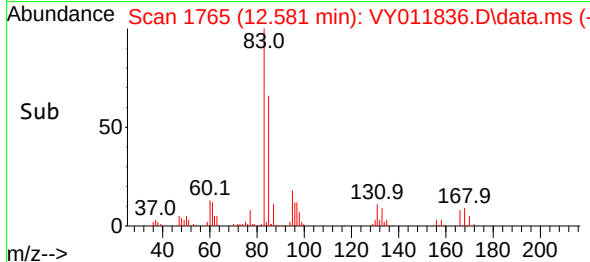
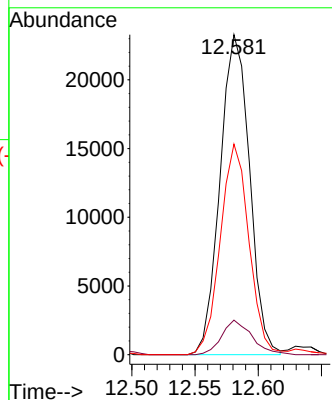
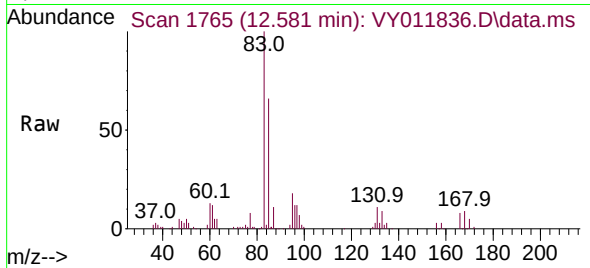




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.131 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY011836.D
 Acq: 14 Dec 2022 11:47

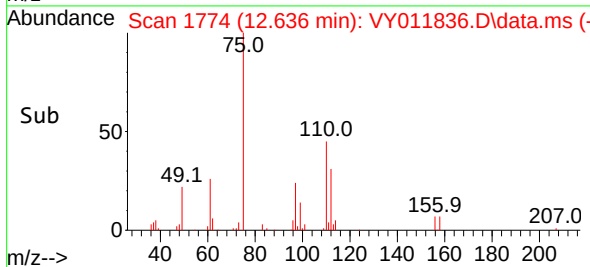
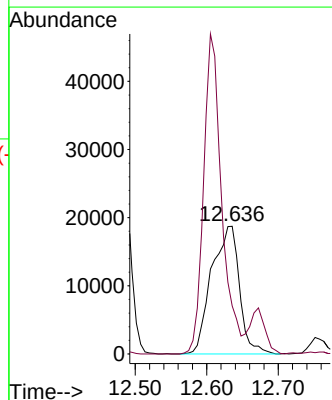
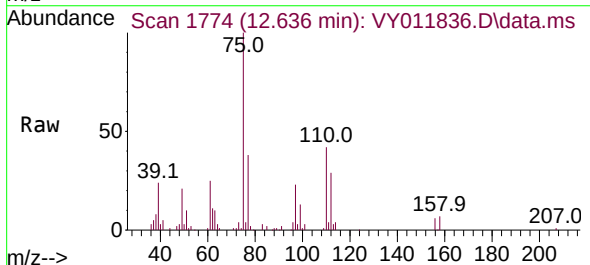
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1214SBS01

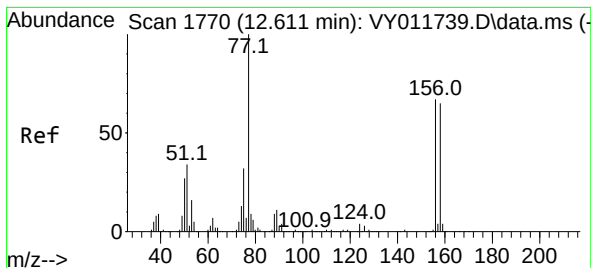
Tgt Ion: 83 Resp: 37814
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.6 16.8
 85 64.1 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 33.668 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. -0.000 min
 Lab File: VY011836.D
 Acq: 14 Dec 2022 11:47

Tgt Ion: 75 Resp: 50709
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.617 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBSD01

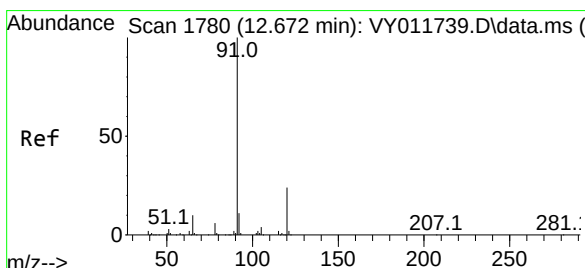
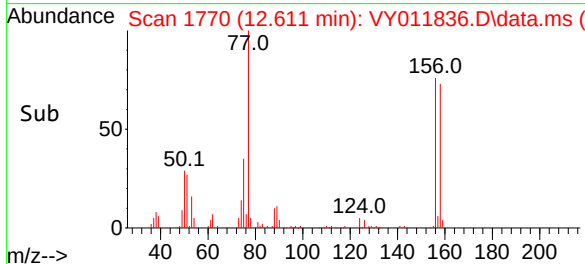
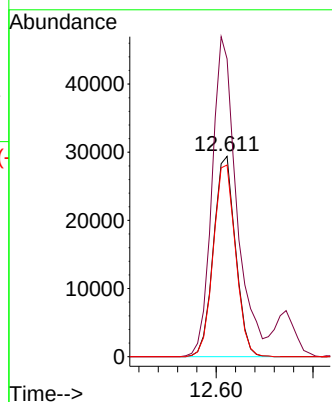
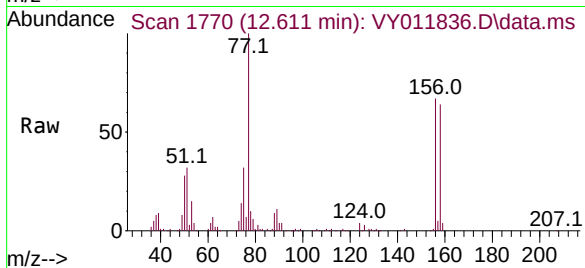
Tgt Ion:156 Resp: 46429

Ion Ratio Lower Upper

156 100

77 177.5 90.0 270.0

158 97.0 48.4 145.2



#78

n-propylbenzene

Concen: 20.832 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY011836.D

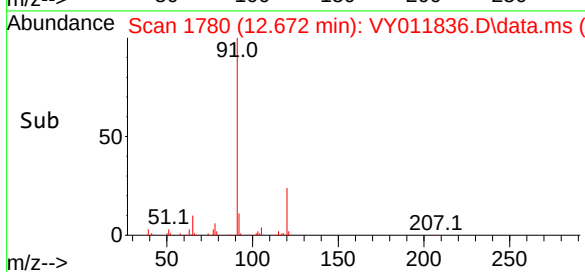
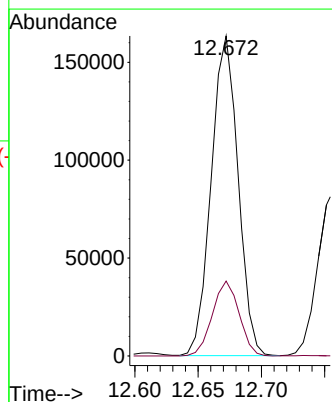
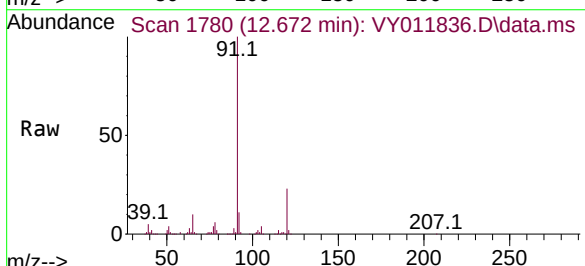
Acq: 14 Dec 2022 11:47

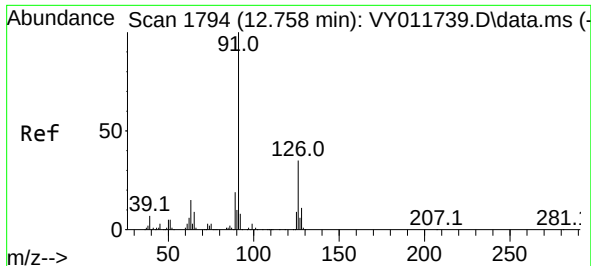
Tgt Ion: 91 Resp: 240789

Ion Ratio Lower Upper

91 100

120 23.3 11.8 35.4





#79

2-Chlorotoluene

Concen: 20.558 ug/l

RT: 12.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

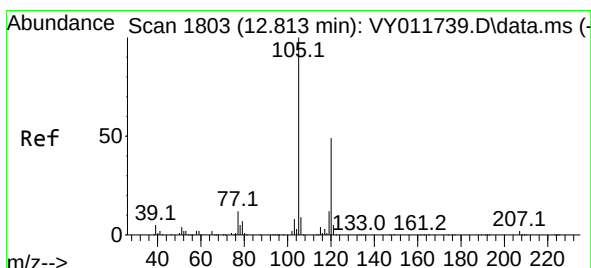
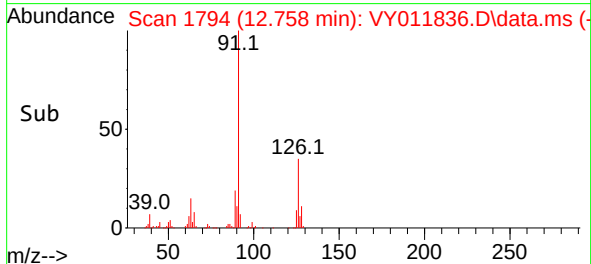
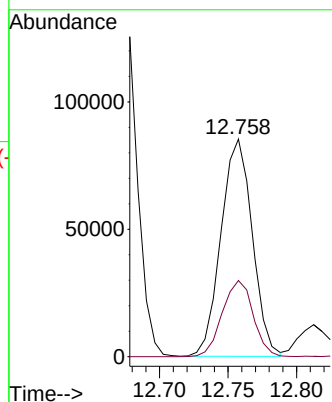
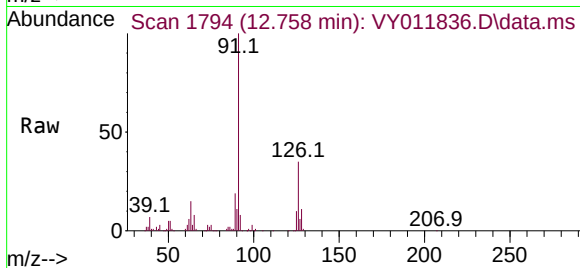
VY1214SBSD01

Tgt Ion: 91 Resp: 135613

Ion Ratio Lower Upper

91 100

126 34.5 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 20.810 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY011836.D

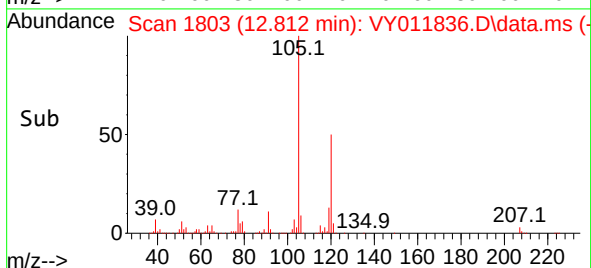
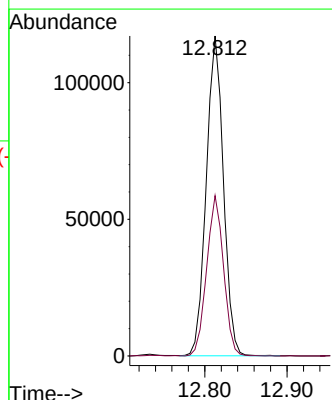
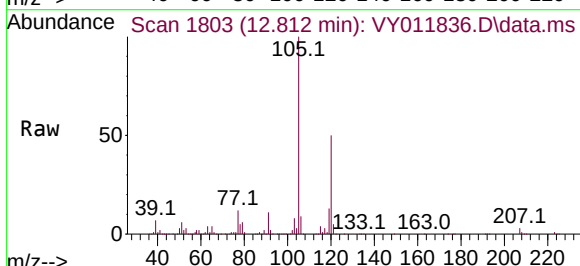
Acq: 14 Dec 2022 11:47

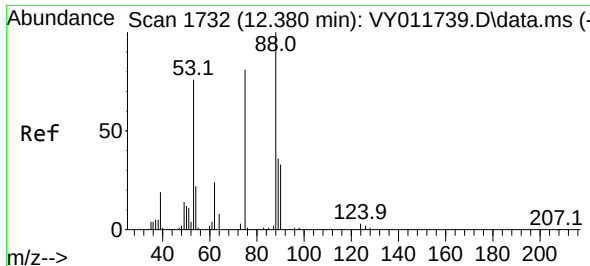
Tgt Ion: 105 Resp: 169658

Ion Ratio Lower Upper

105 100

120 49.4 24.2 72.6

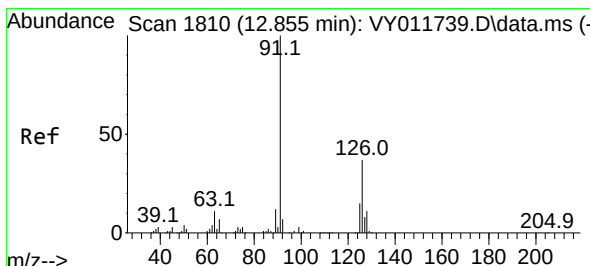
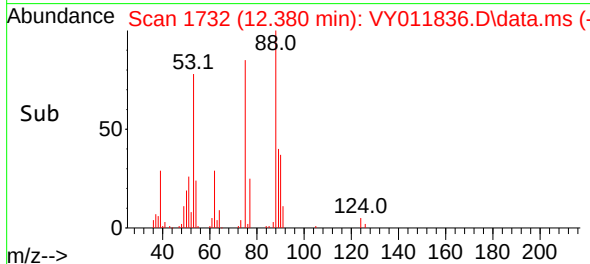
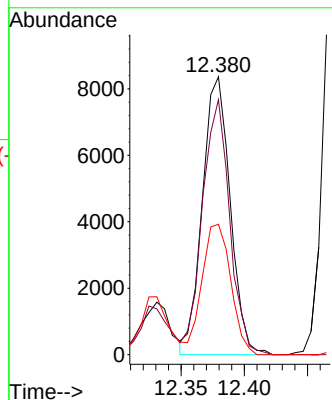
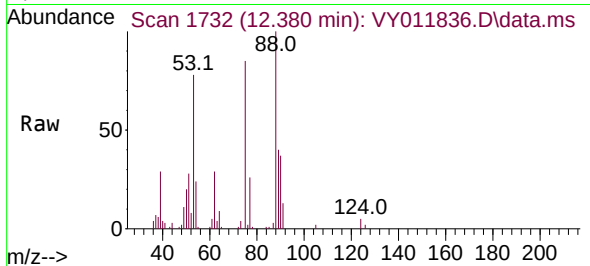




#81
trans-1,4-Dichloro-2-butene
Concen: 19.285 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

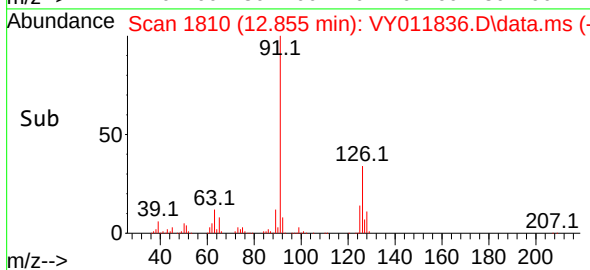
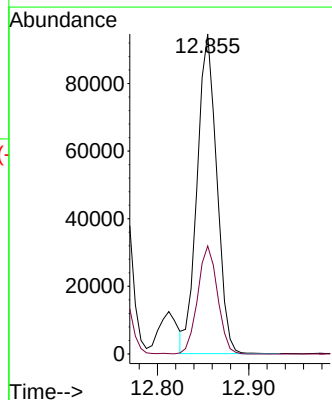
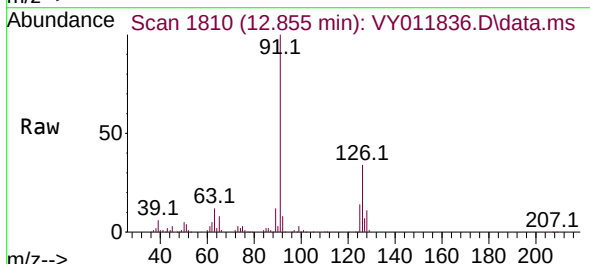
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBSD01

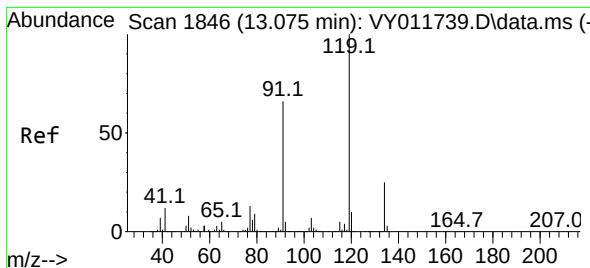
Tgt Ion: 75 Resp: 12800
Ion Ratio Lower Upper
75 100
53 90.0 72.5 108.7
89 48.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.617 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion: 91 Resp: 141068
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.655 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

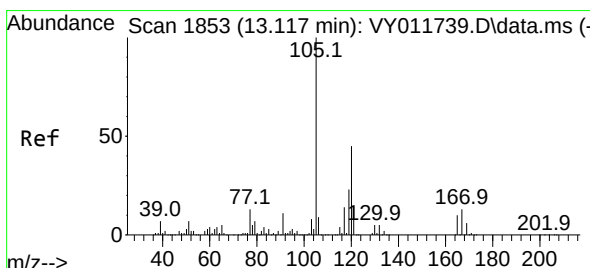
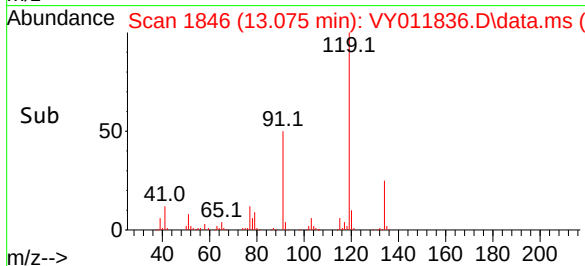
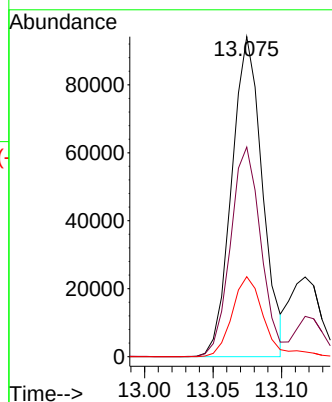
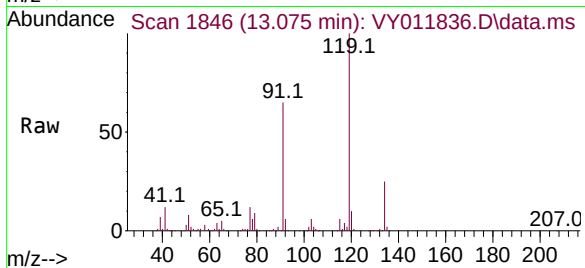
Tgt Ion:119 Resp: 146628

Ion Ratio Lower Upper

119 100

91 64.7 32.3 96.8

134 26.0 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 20.778 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY011836.D

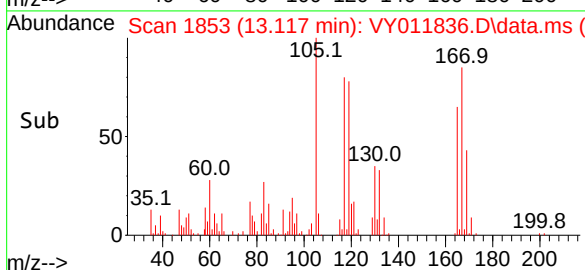
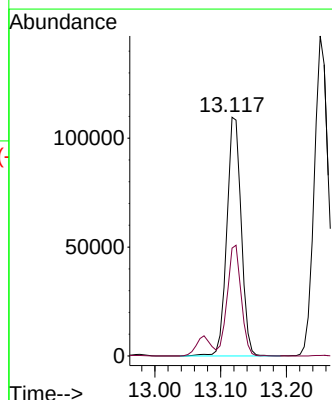
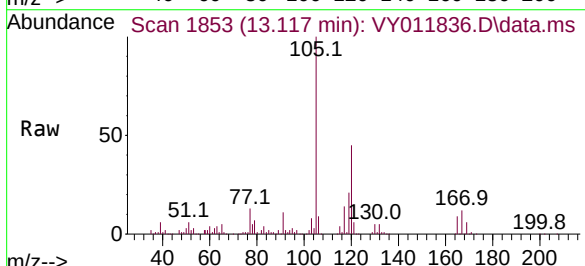
Acq: 14 Dec 2022 11:47

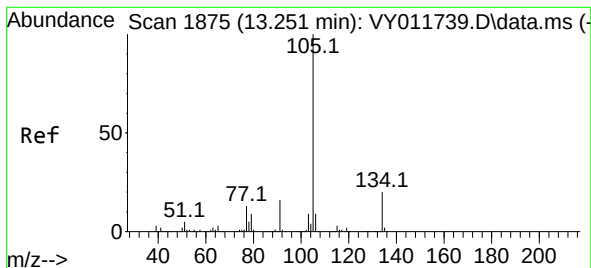
Tgt Ion:105 Resp: 166789

Ion Ratio Lower Upper

105 100

120 45.0 22.9 68.7





#85

sec-Butylbenzene

Concen: 20.583 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

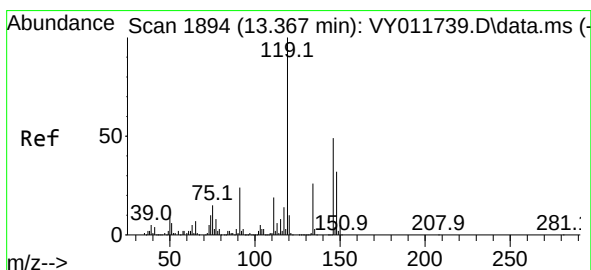
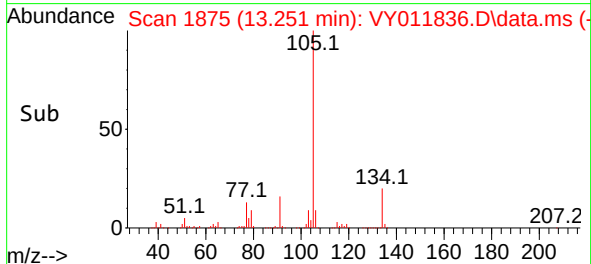
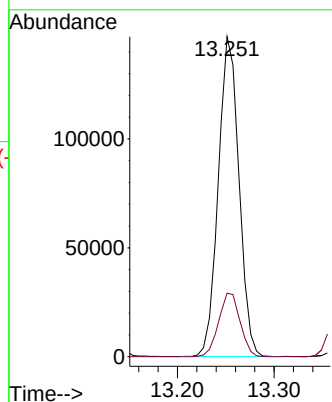
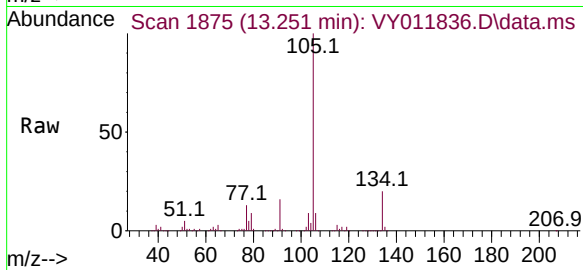
VY1214SBSD01

Tgt Ion:105 Resp: 217599

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.3



#86

p-Isopropyltoluene

Concen: 20.781 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

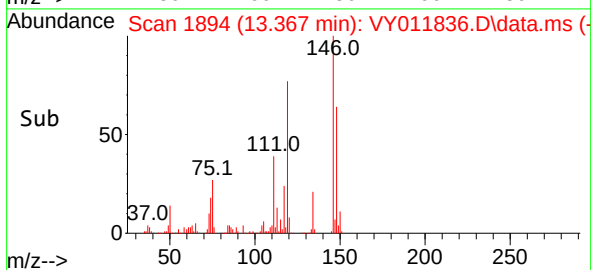
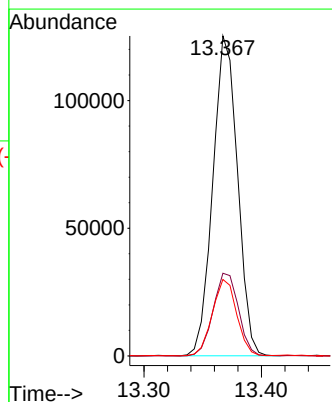
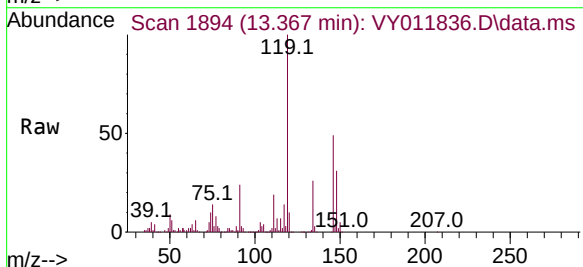
Tgt Ion:119 Resp: 182855

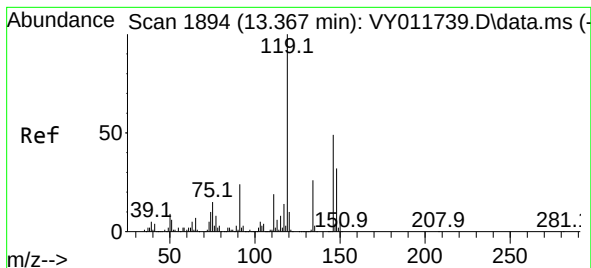
Ion Ratio Lower Upper

119 100

134 26.6 13.0 39.0

91 23.6 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 20.708 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

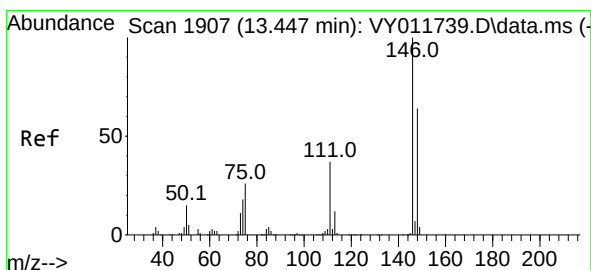
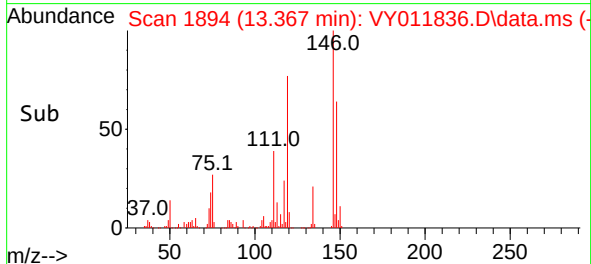
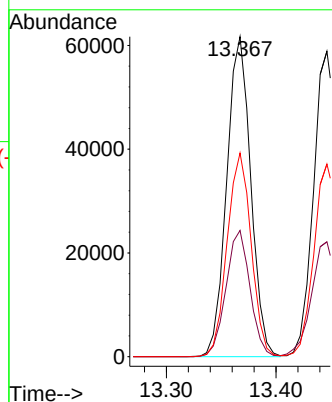
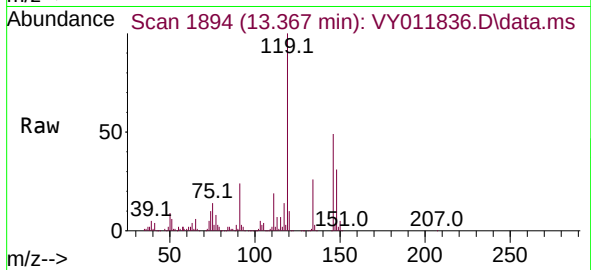
Tgt Ion:146 Resp: 93846

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.0

148 63.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 20.554 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

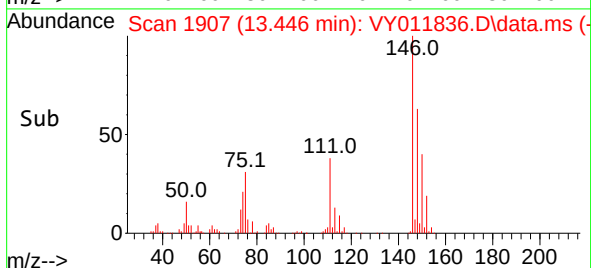
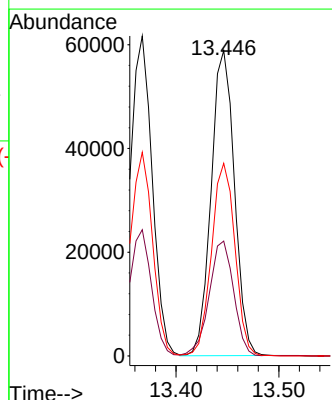
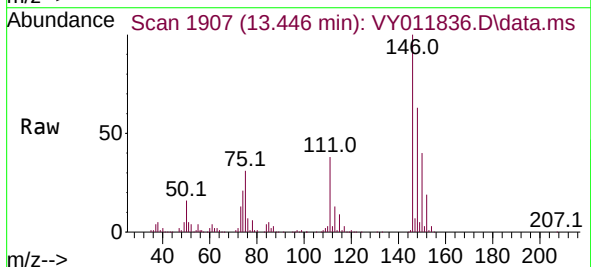
Tgt Ion:146 Resp: 92578

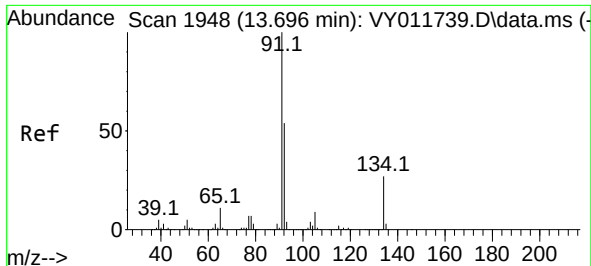
Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.7

148 63.7 31.9 95.7

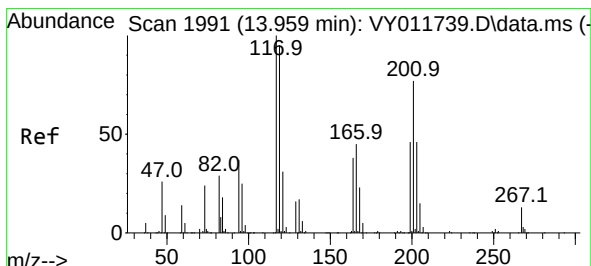
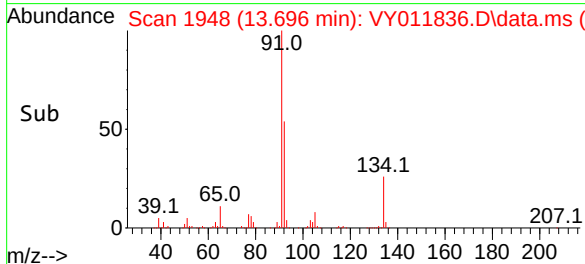
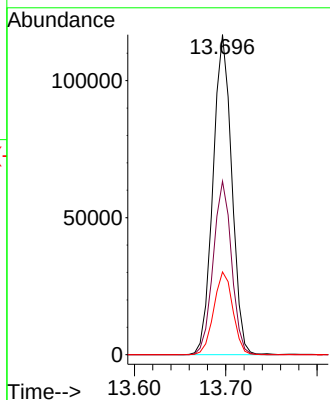
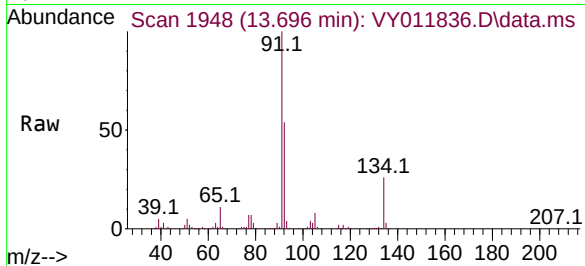




#89
n-Butylbenzene
Concen: 20.848 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

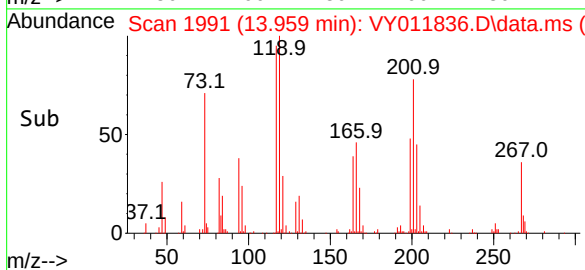
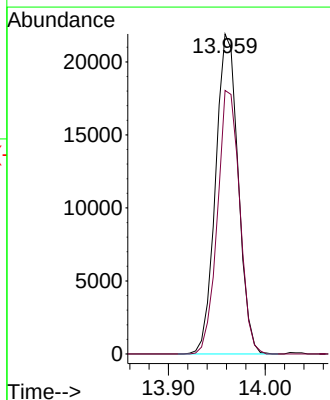
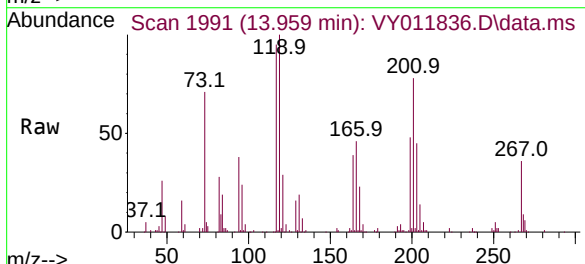
Instrument :
MSVOA_Y
ClientSampleId :
VY1214SBS01

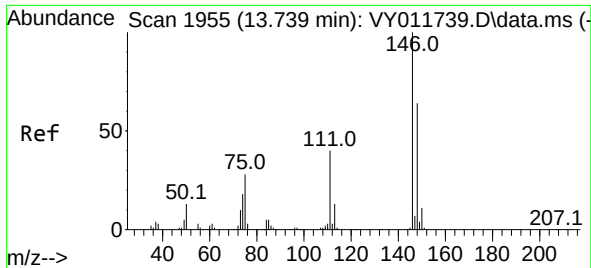
Tgt Ion: 91 Resp: 166762
Ion Ratio Lower Upper
91 100
92 53.0 26.8 80.4
134 26.2 13.3 39.8



#90
Hexachloroethane
Concen: 20.279 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY011836.D
Acq: 14 Dec 2022 11:47

Tgt Ion: 117 Resp: 35456
Ion Ratio Lower Upper
117 100
201 81.1 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 20.519 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

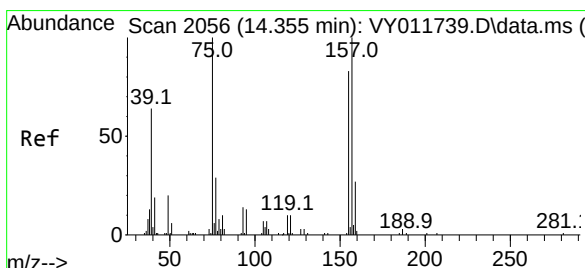
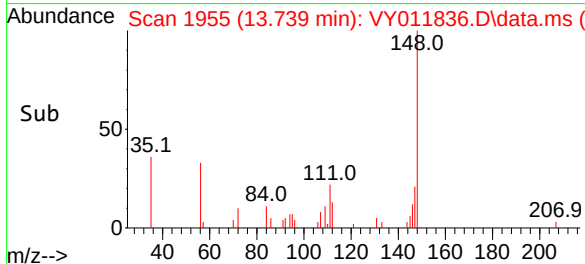
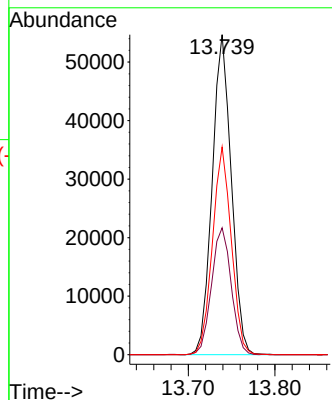
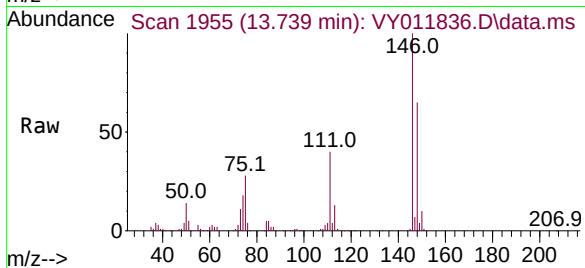
Tgt Ion:146 Resp: 83683

Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.8

148 64.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.971 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

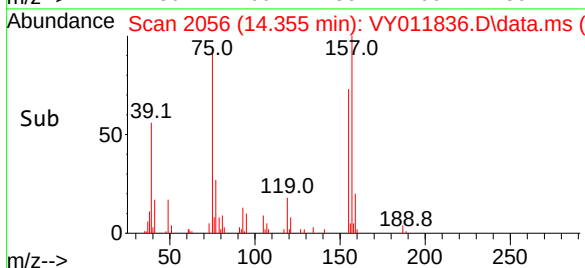
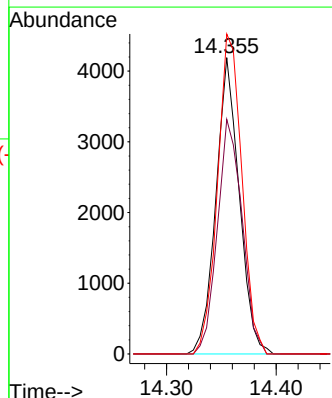
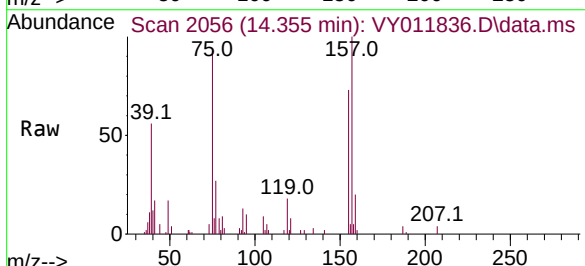
Tgt Ion: 75 Resp: 6213

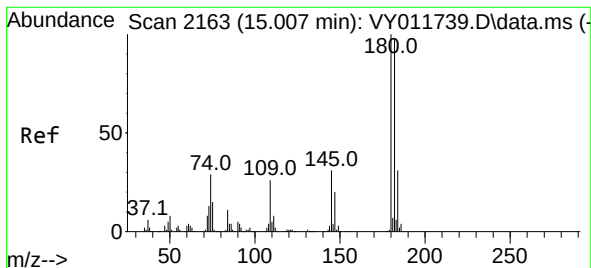
Ion Ratio Lower Upper

75 100

155 83.5 42.3 126.8

157 112.5 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 20.378 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

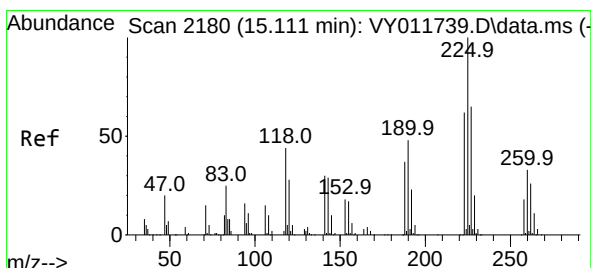
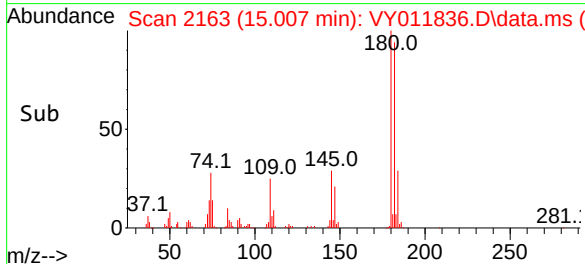
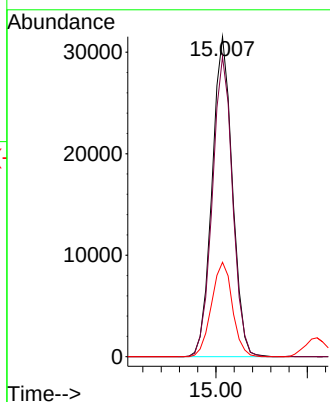
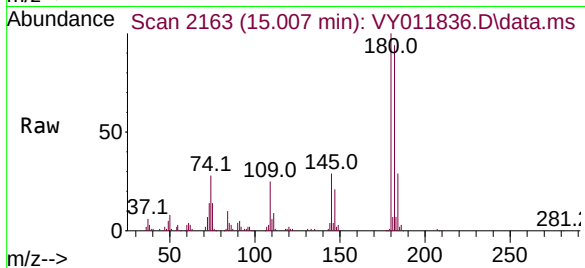
Tgt Ion:180 Resp: 48470

Ion Ratio Lower Upper

180 100

182 93.6 48.1 144.3

145 30.5 15.4 46.4



#94

Hexachlorobutadiene

Concen: 20.985 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

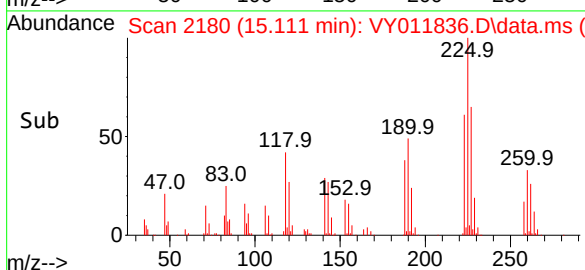
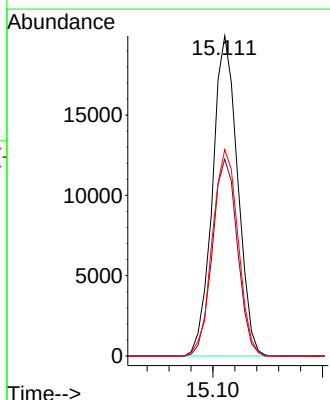
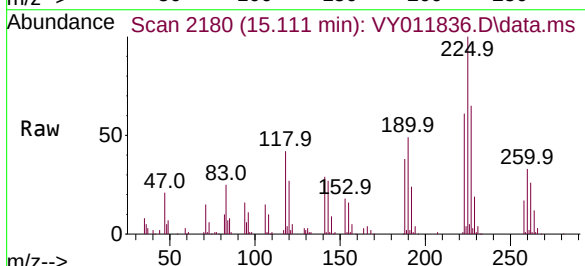
Tgt Ion:225 Resp: 31714

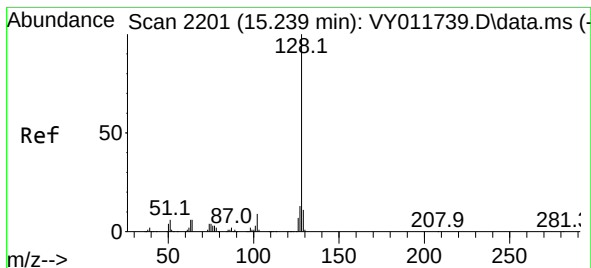
Ion Ratio Lower Upper

225 100

223 61.3 31.4 94.2

227 65.9 32.6 97.8





#95

Naphthalene

Concen: 19.494 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY1214SBS01

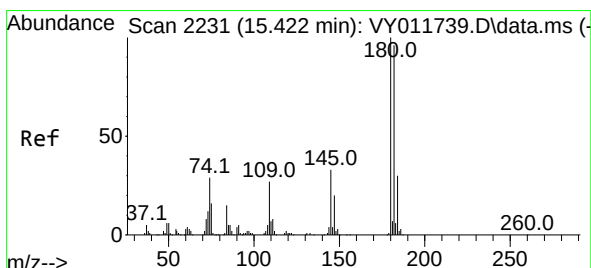
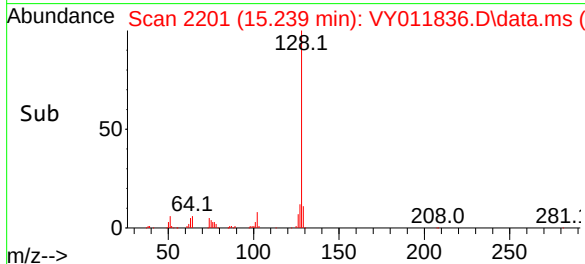
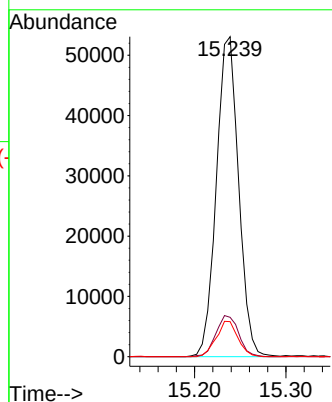
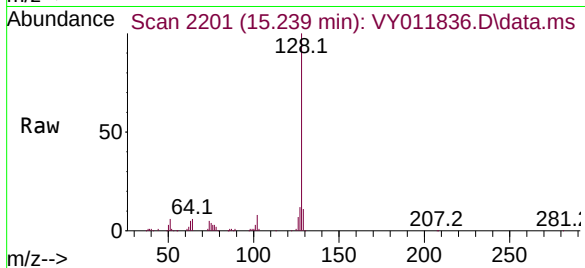
Tgt Ion:128 Resp: 89806

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.460 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY011836.D

Acq: 14 Dec 2022 11:47

Tgt Ion:180 Resp: 42036

Ion Ratio Lower Upper

180 100

182 93.4 47.9 143.7

145 32.4 16.1 48.2

