

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011746.D
 Acq On : 09 Dec 2022 16:29
 Operator : KP/MD
 Sample : VY1209SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Quant Time: Dec 10 03:37:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:30:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	260031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	406468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	360331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174623	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	82869	46.353	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.700%
35) Dibromofluoromethane	7.716	113	89397	49.460	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.920%
50) Toluene-d8	10.179	98	278760	46.634	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.260%
62) 4-Bromofluorobenzene	12.483	95	114569	48.477	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34454	26.713	ug/l	97
3) Chloromethane	2.113	50	33960	22.084	ug/l	98
4) Vinyl Chloride	2.253	62	39660	21.710	ug/l	96
5) Bromomethane	2.643	94	27155	21.990	ug/l	100
6) Chloroethane	2.790	64	26659	20.675	ug/l	98
7) Trichlorofluoromethane	3.125	101	73977	20.696	ug/l	99
8) Diethyl Ether	3.527	74	24764	19.779	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	43843	20.547	ug/l	99
10) Methyl Iodide	4.088	142	49249	19.713	ug/l	99
11) Tert butyl alcohol	4.948	59	28568	114.640	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	40083	20.829	ug/l	99
13) Acrolein	3.722	56	34556	94.269	ug/l	98
14) Allyl chloride	4.478	41	65447	20.474	ug/l	100
15) Acrylonitrile	5.161	53	64751	96.351	ug/l	99
16) Acetone	3.942	43	61011	85.928	ug/l	96
17) Carbon Disulfide	4.198	76	91675	20.860	ug/l	97
18) Methyl Acetate	4.478	43	37739	21.311	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	118020	19.587	ug/l	100
20) Methylene Chloride	4.716	84	62075	21.172	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	43125	19.938	ug/l	96
22) Diisopropyl ether	6.118	45	145027	20.794	ug/l	97
23) Vinyl Acetate	6.063	43	405809	101.993	ug/l	100
24) 1,1-Dichloroethane	6.015	63	84687	19.982	ug/l	99
25) 2-Butanone	6.984	43	86409	94.611	ug/l	100
26) 2,2-Dichloropropane	6.984	77	78585	19.709	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	53359	20.185	ug/l	99
28) Bromochloromethane	7.332	49	29693	19.245	ug/l	99
29) Tetrahydrofuran	7.350	42	50055	96.291	ug/l	99
30) Chloroform	7.508	83	91517	20.199	ug/l	96
31) Cyclohexane	7.789	56	69625	21.226	ug/l	94
32) 1,1,1-Trichloroethane	7.703	97	81066	20.062	ug/l	99
36) 1,1-Dichloropropene	7.917	75	63527	20.596	ug/l	100
37) Ethyl Acetate	7.075	43	35215	19.528	ug/l	98
38) Carbon Tetrachloride	7.905	117	73364	20.249	ug/l	99
39) Methylcyclohexane	9.185	83	73048	21.048	ug/l	97
40) Benzene	8.161	78	188466	20.453	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	48643	53.434	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	56695	19.896	ug/l	100
43) Isopropyl Acetate	8.270	43	63992	19.570	ug/l	99
44) Trichloroethene	8.941	130	51878	20.102	ug/l	97
45) 1,2-Dichloropropane	9.215	63	48301	20.253	ug/l	99
46) Dibromomethane	9.307	93	25968	19.452	ug/l	98
47) Bromodichloromethane	9.496	83	67809	19.661	ug/l	96
48) Methyl methacrylate	9.295	41	27834	19.311	ug/l	99
49) 1,4-Dioxane	9.301	88	7117	384.817	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	174954	97.103	ug/l	98
52) Toluene	10.246	92	119574	20.412	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	68757	19.959	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	78278	20.224	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	39250	19.892	ug/l	99
56) Ethyl methacrylate	10.508	69	49916	19.597	ug/l	98
57) 1,3-Dichloropropane	10.788	76	65509	19.917	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	118422	100.262	ug/l	100
59) 2-Hexanone	10.831	43	121047	94.030	ug/l	100
60) Dibromochloromethane	10.983	129	48543	19.642	ug/l	100
61) 1,2-Dibromoethane	11.087	107	35542	19.883	ug/l	99
64) Tetrachloroethene	10.721	164	50098	19.651	ug/l	99
65) Chlorobenzene	11.514	112	129634	19.967	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	50430	20.022	ug/l	99
67) Ethyl Benzene	11.593	91	231746	20.257	ug/l	100
68) m/p-Xylenes	11.703	106	179280	40.921	ug/l	99
69) o-Xylene	12.032	106	85777	20.541	ug/l	98
70) Styrene	12.044	104	143076	20.074	ug/l	98
71) Bromoform	12.209	173	30409	19.573	ug/l #	97
73) Isopropylbenzene	12.331	105	232765	20.573	ug/l	99
74) N-amyl acetate	12.142	43	53668	19.729	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	44075	20.003	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	58687	33.218	ug/l #	100
77) Bromobenzene	12.611	156	53637	20.305	ug/l	98
78) n-propylbenzene	12.672	91	281658	20.774	ug/l	99
79) 2-Chlorotoluene	12.757	91	157959	20.413	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	197168	20.618	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	15256	19.595	ug/l	98
82) 4-Chlorotoluene	12.855	91	164229	20.462	ug/l	99
83) tert-Butylbenzene	13.074	119	171217	20.562	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	194803	20.689	ug/l	98
85) sec-Butylbenzene	13.251	105	255421	20.597	ug/l	100
86) p-Isopropyltoluene	13.367	119	212060	20.546	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	107511	20.224	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	107480	20.343	ug/l	99
89) n-Butylbenzene	13.696	91	192156	20.480	ug/l	99
90) Hexachloroethane	13.958	117	41616	20.291	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	96975	20.272	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7337	19.099	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	56364	20.201	ug/l	98
94) Hexachlorobutadiene	15.111	225	35756	20.170	ug/l	100
95) Naphthalene	15.239	128	104788	19.391	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	46829	19.431	ug/l	100

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD01

Quant Time: Dec 10 03:37:13 2022
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Quant Title : SW846 8260
QLast Update : Sat Dec 10 03:30:20 2022
Response via : Initial Calibration

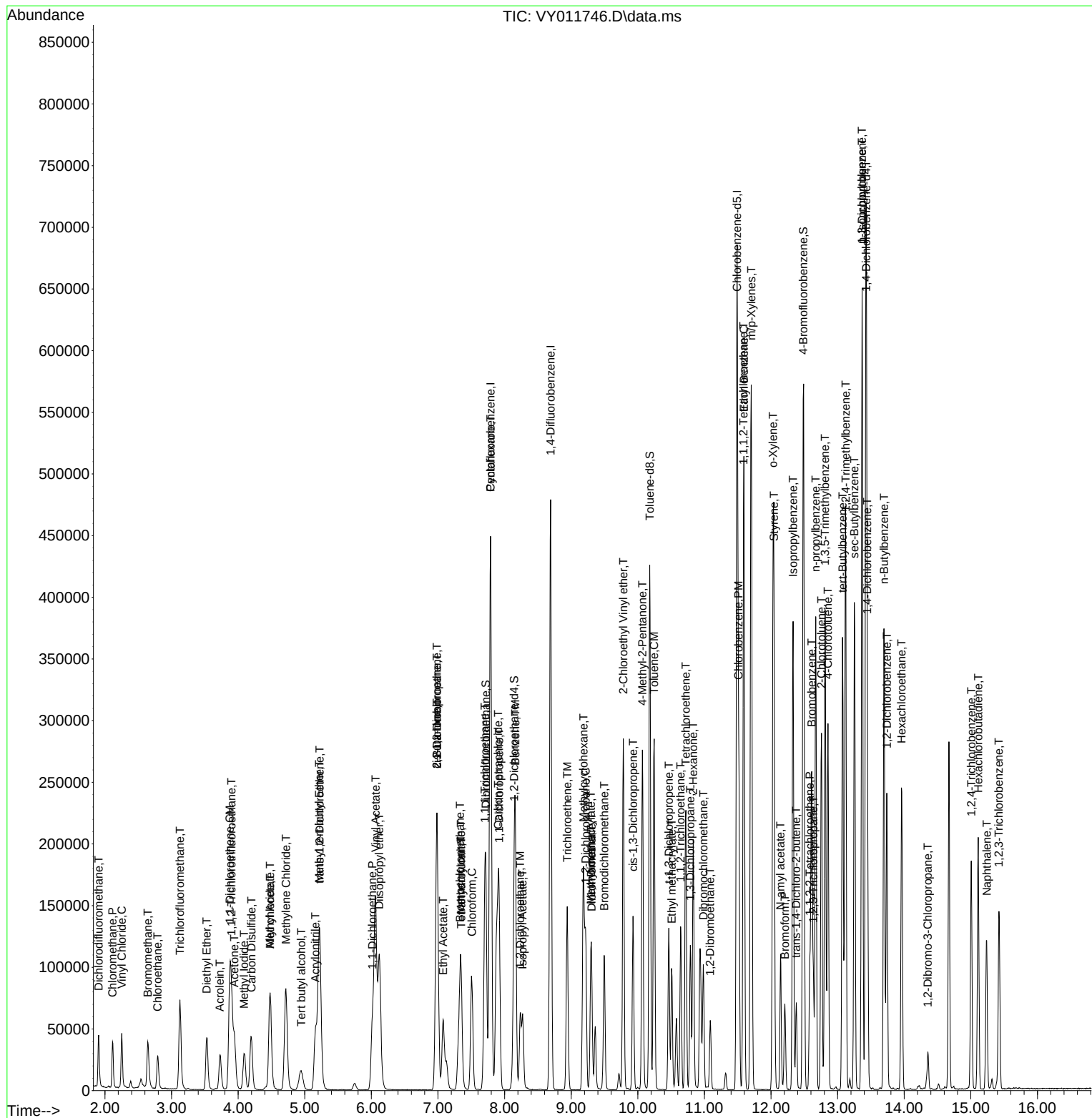
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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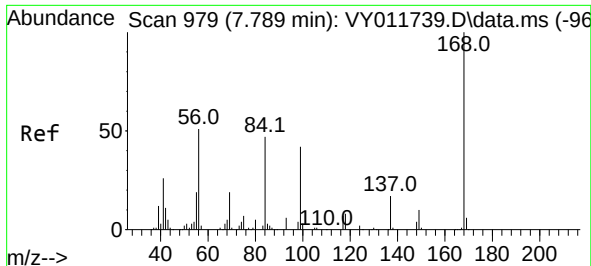
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VY011746.D
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 Operator : KP/MD
 Sample : VY1209SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
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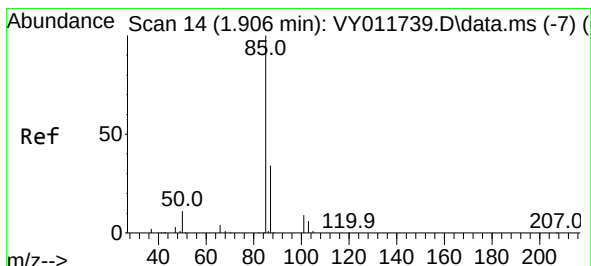
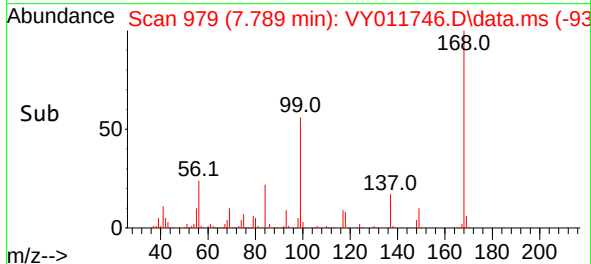
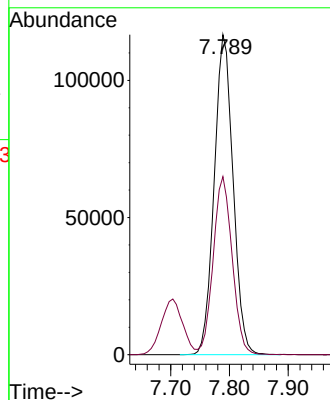
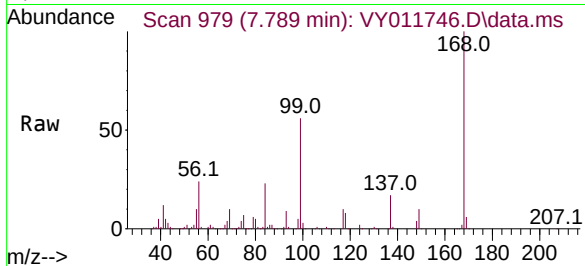




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011746.D
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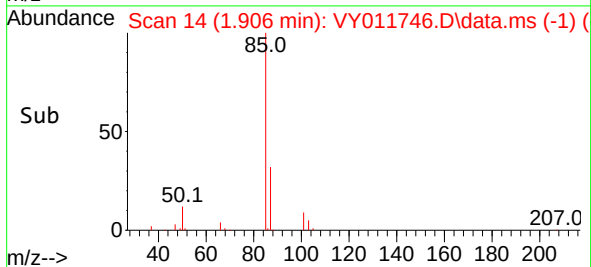
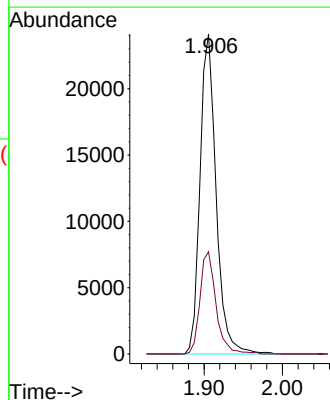
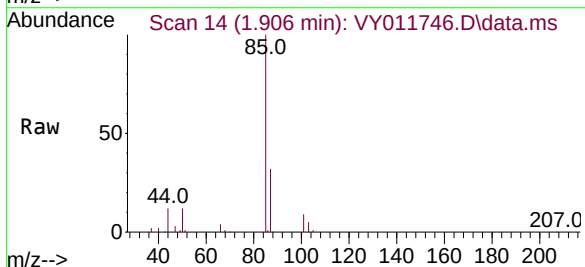
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

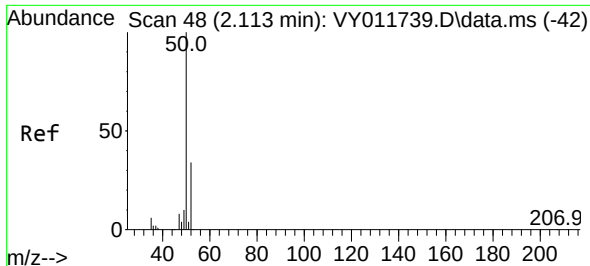
Tgt Ion:168 Resp: 260031
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 26.713 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion: 85 Resp: 34454
Ion Ratio Lower Upper
85 100
87 32.0 16.8 50.4

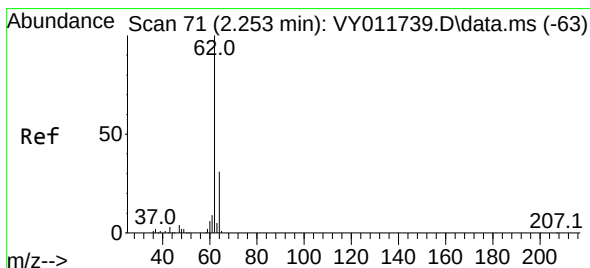
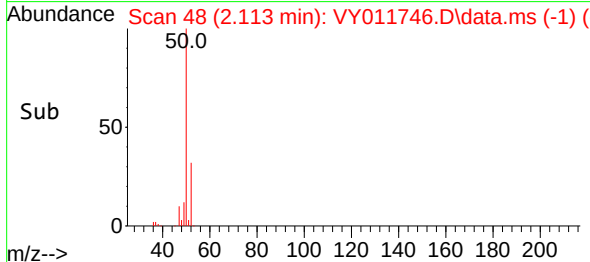
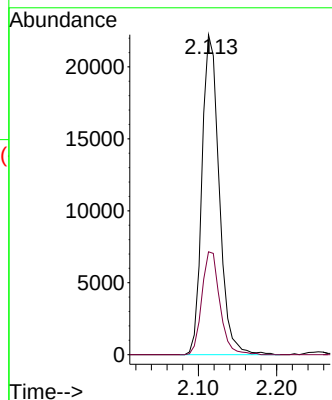
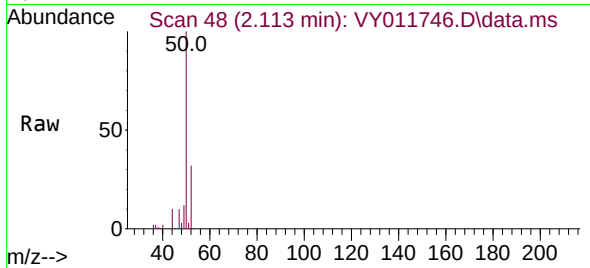




#3
Chloromethane
Concen: 22.084 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

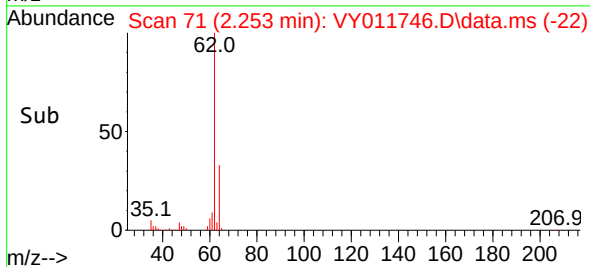
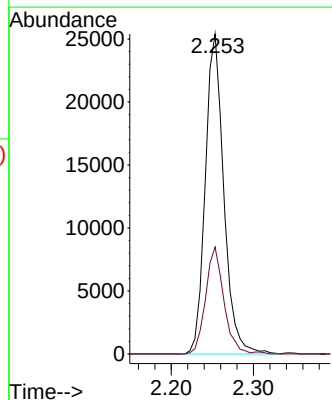
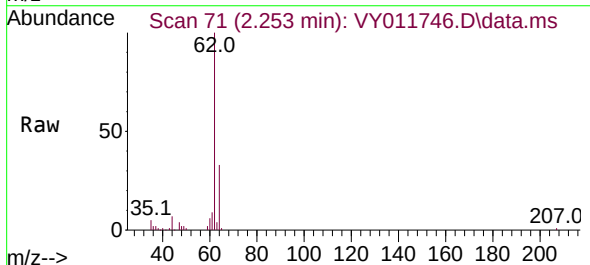
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD01

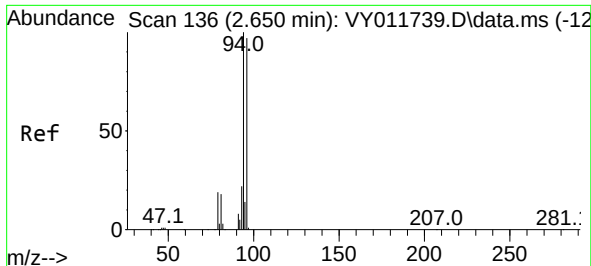
Tgt Ion: 50 Resp: 33960
Ion Ratio Lower Upper
50 100
52 32.2 26.8 40.2



#4
Vinyl Chloride
Concen: 21.710 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion: 62 Resp: 39660
Ion Ratio Lower Upper
62 100
64 33.4 25.0 37.6





#5

Bromomethane

Concen: 21.990 ug/l

RT: 2.643 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

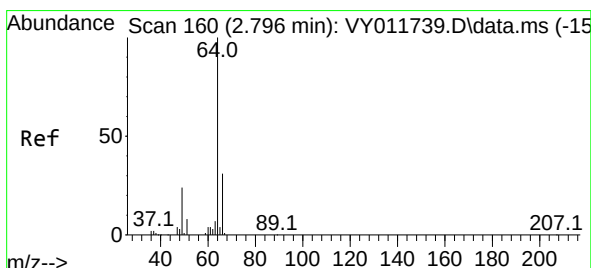
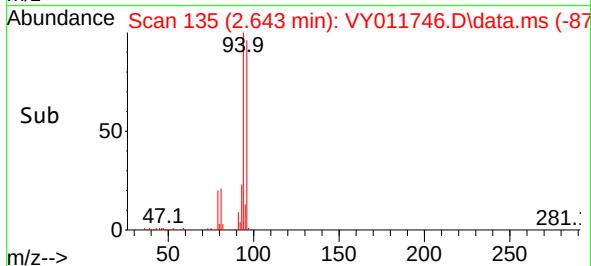
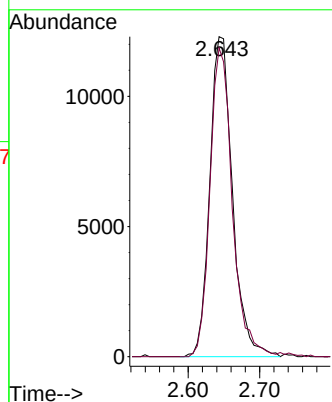
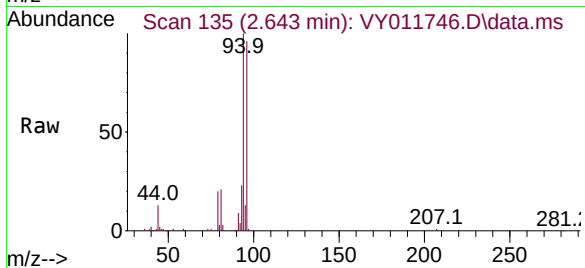
VY1209SBS01

Tgt Ion: 94 Resp: 27155

Ion Ratio Lower Upper

94 100

96 96.4 77.4 116.2



#6

Chloroethane

Concen: 20.675 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY011746.D

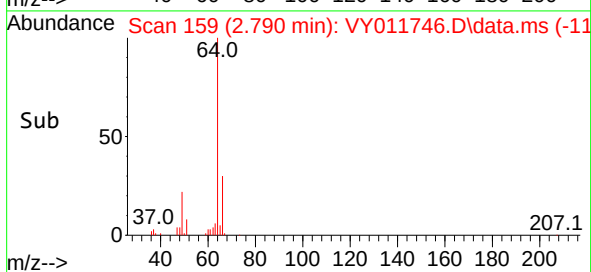
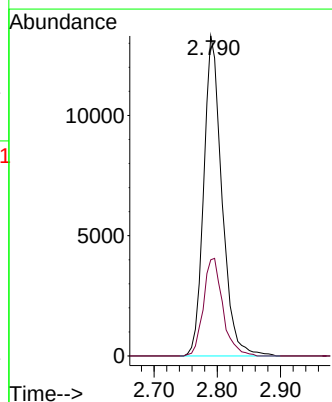
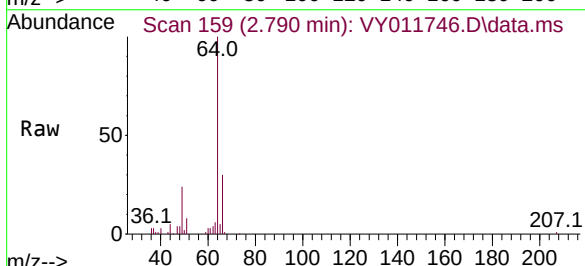
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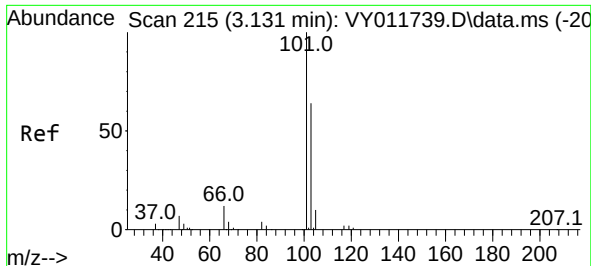
Tgt Ion: 64 Resp: 26659

Ion Ratio Lower Upper

64 100

66 30.0 25.0 37.4

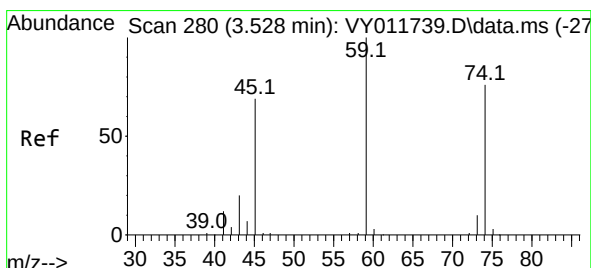
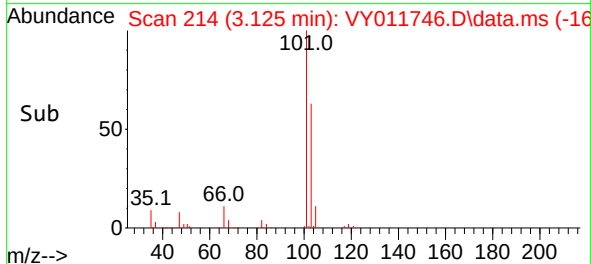
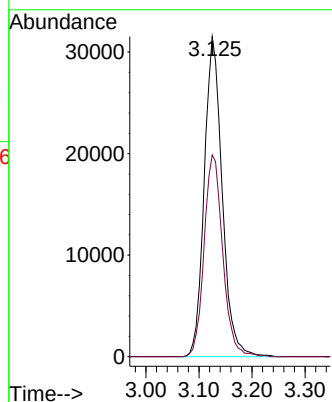
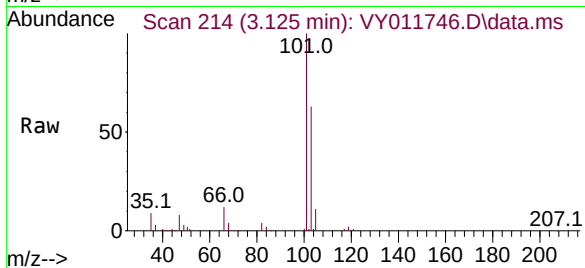




#7
 Trichlorofluoromethane
 Concen: 20.696 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY011746.D
 Acq: 09 Dec 2022 16:29

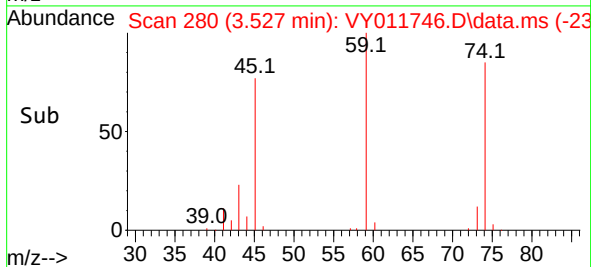
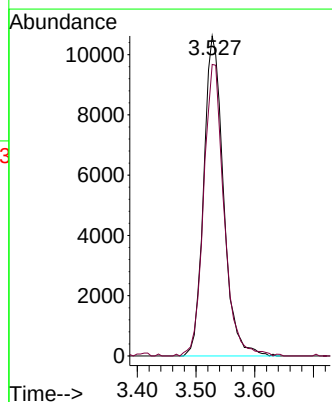
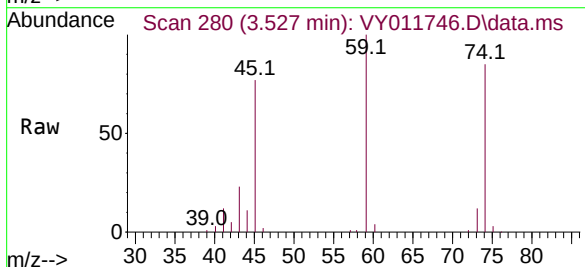
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

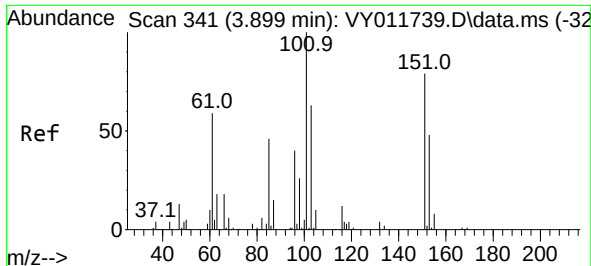
Tgt Ion:101 Resp: 73977
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.0 76.6



#8
 Diethyl Ether
 Concen: 19.779 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY011746.D
 Acq: 09 Dec 2022 16:29

Tgt Ion: 74 Resp: 24764
 Ion Ratio Lower Upper
 74 100
 45 94.2 46.8 140.3

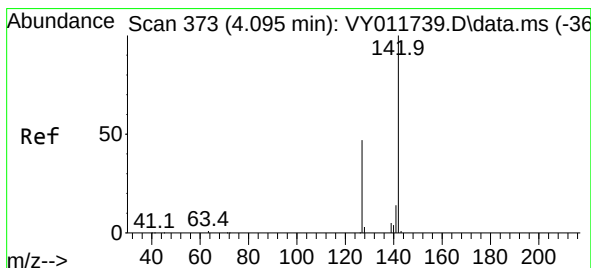
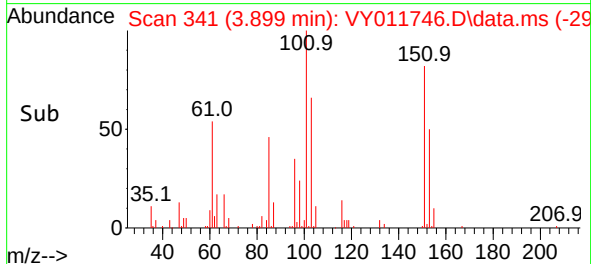
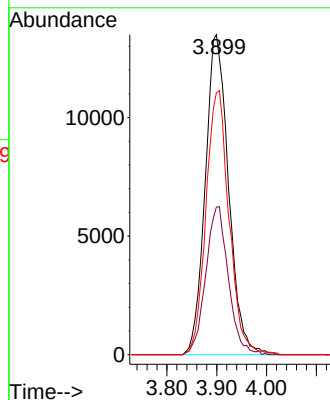
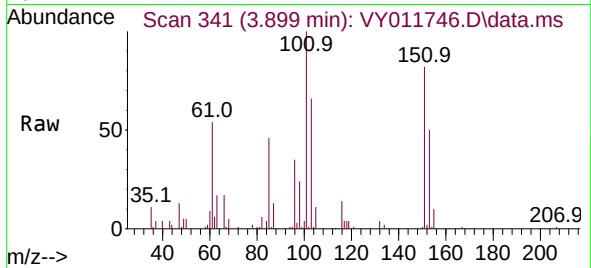




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.547 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

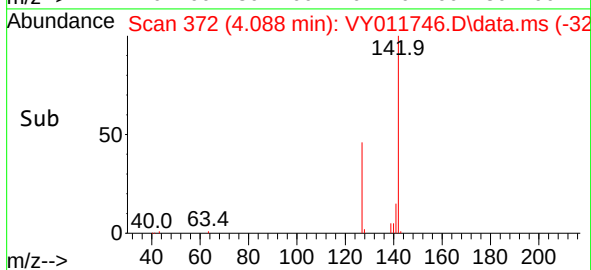
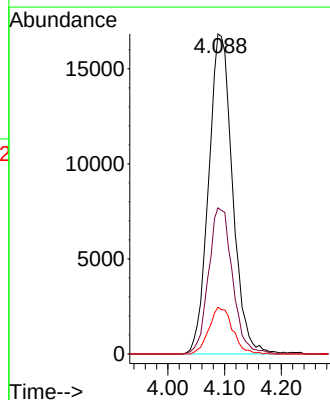
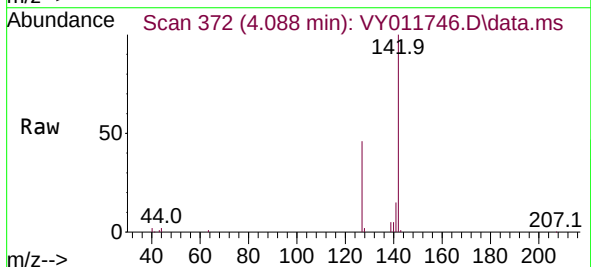
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

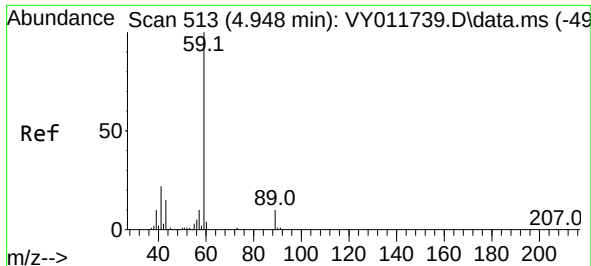
Tgt Ion:101 Resp: 43843
Ion Ratio Lower Upper
101 100
85 44.9 36.2 54.2
151 81.8 64.2 96.2



#10
Methyl Iodide
Concen: 19.713 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion:142 Resp: 49249
Ion Ratio Lower Upper
142 100
127 45.7 37.0 55.4
141 14.4 11.4 17.0

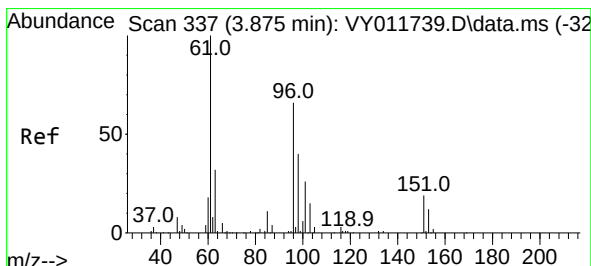
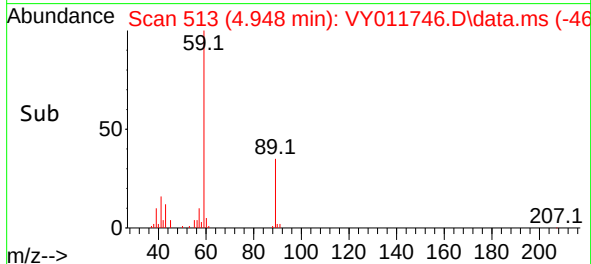
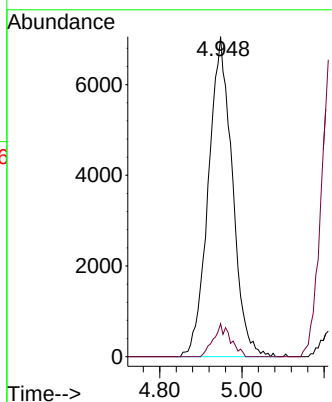
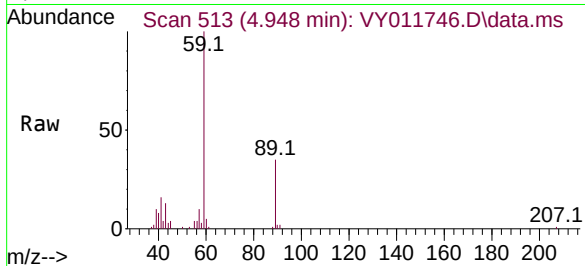




#11
Tert butyl alcohol
Concen: 114.640 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

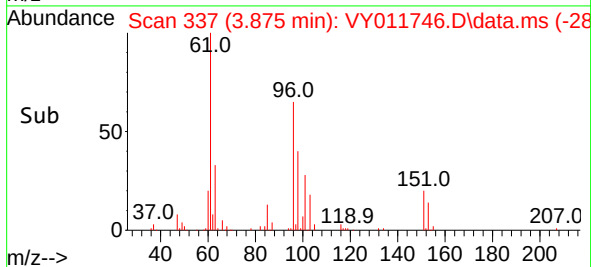
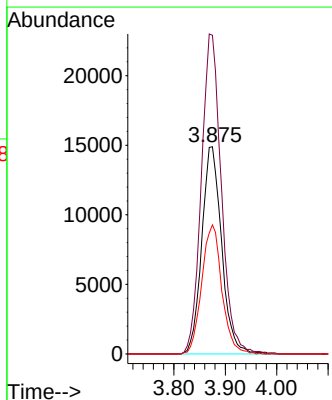
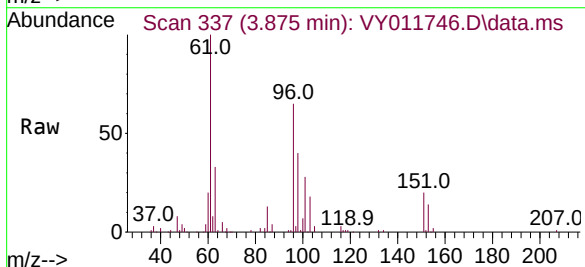
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

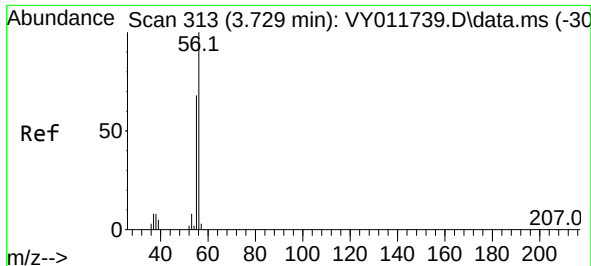
Tgt Ion: 59 Resp: 28568
Ion Ratio Lower Upper
59 100
57 7.3 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 20.829 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion: 96 Resp: 40083
Ion Ratio Lower Upper
96 100
61 153.8 122.0 183.0
98 62.3 48.6 73.0





#13

Acrolein

Concen: 94.269 ug/l

RT: 3.722 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

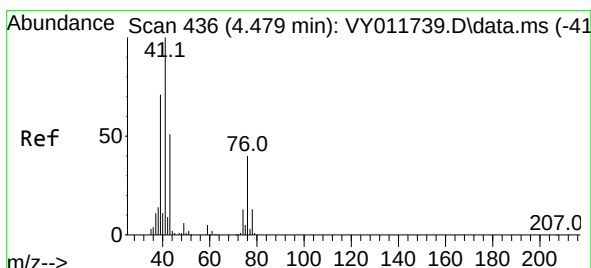
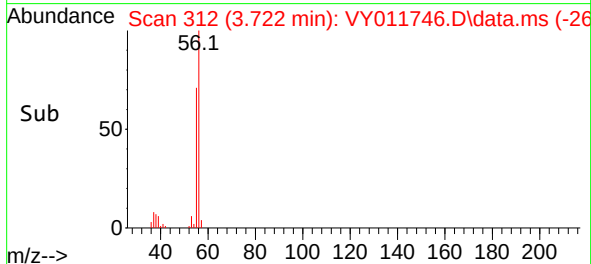
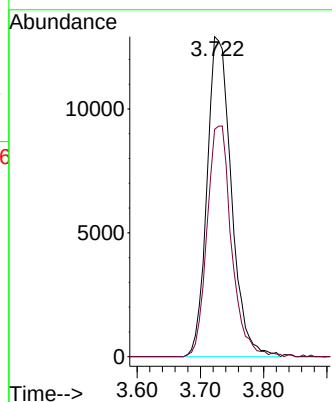
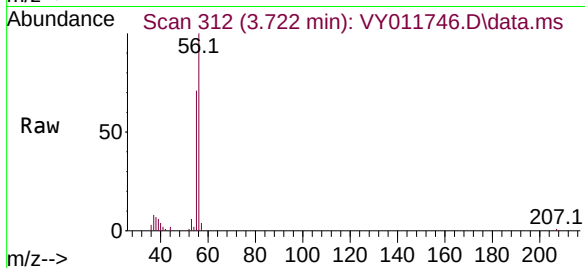
VY1209SBS01

Tgt Ion: 56 Resp: 34556

Ion Ratio Lower Upper

56 100

55 72.3 56.6 85.0



#14

Allyl chloride

Concen: 20.474 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

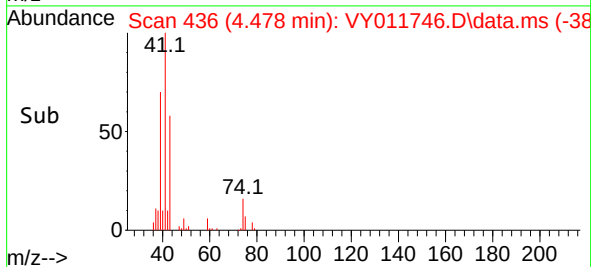
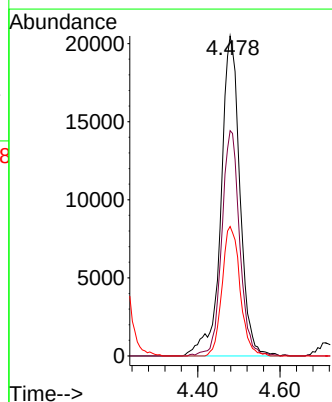
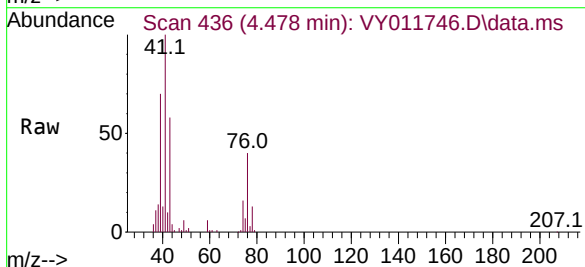
Tgt Ion: 41 Resp: 65447

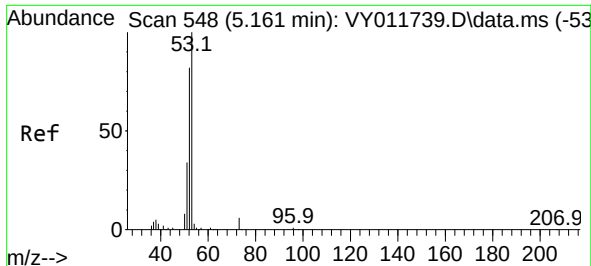
Ion Ratio Lower Upper

41 100

39 66.6 53.5 80.3

76 38.5 31.1 46.7

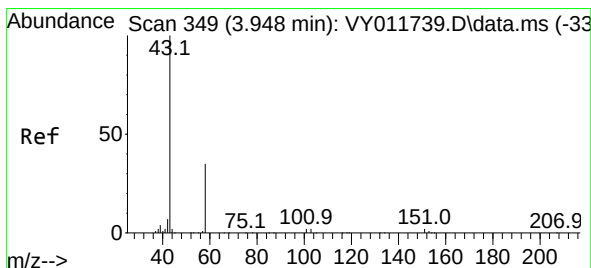
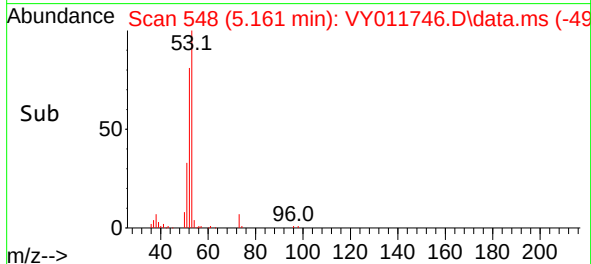
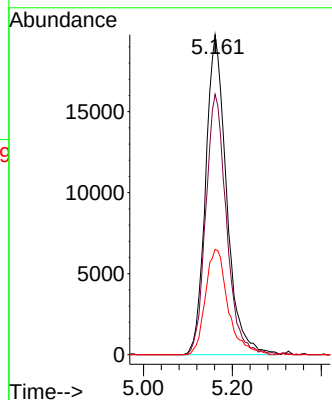
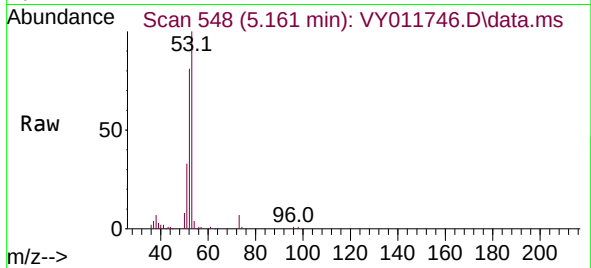




#15
Acrylonitrile
Concen: 96.351 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

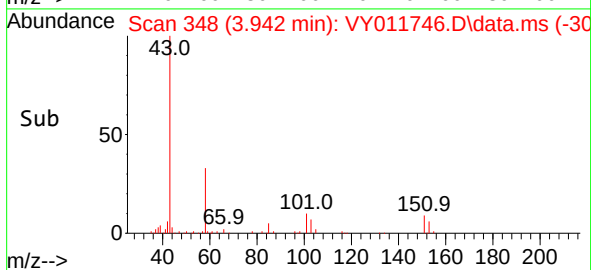
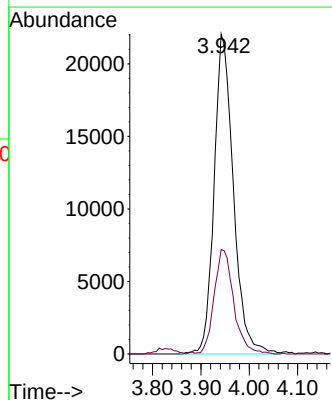
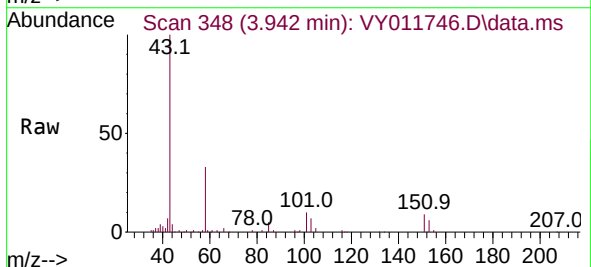
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

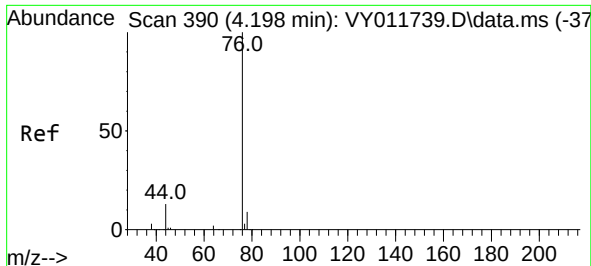
Tgt Ion: 53 Resp: 64751
Ion Ratio Lower Upper
53 100
52 80.7 65.1 97.7
51 35.4 28.7 43.1



#16
Acetone
Concen: 85.928 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion: 43 Resp: 61011
Ion Ratio Lower Upper
43 100
58 32.7 27.9 41.9

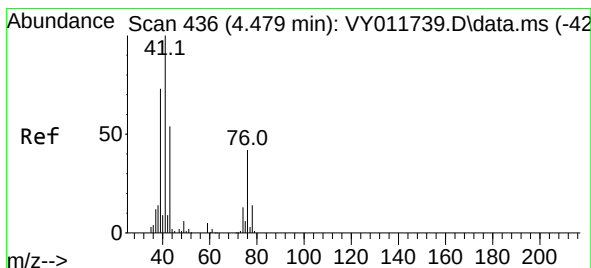
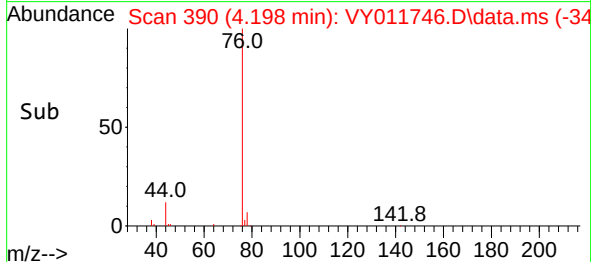
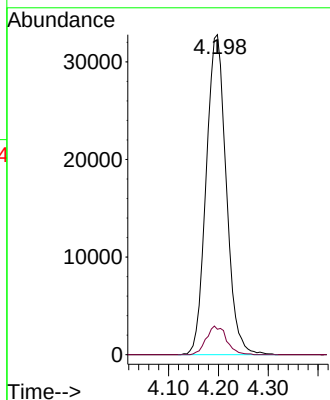
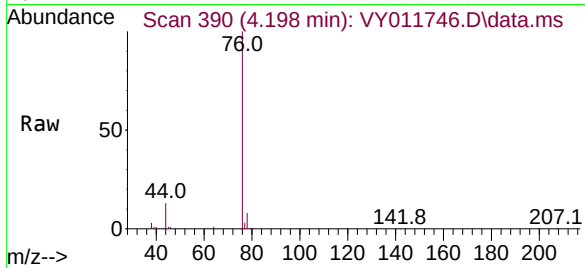




#17
Carbon Disulfide
Concen: 20.860 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

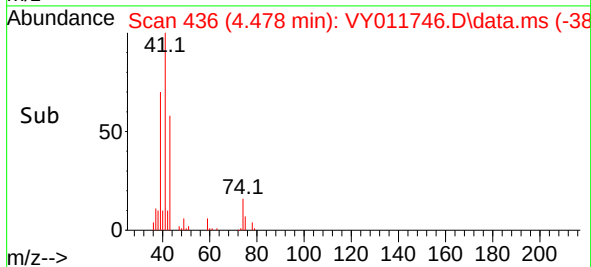
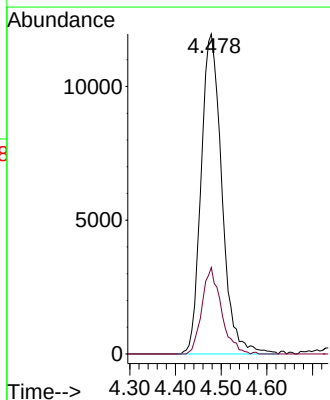
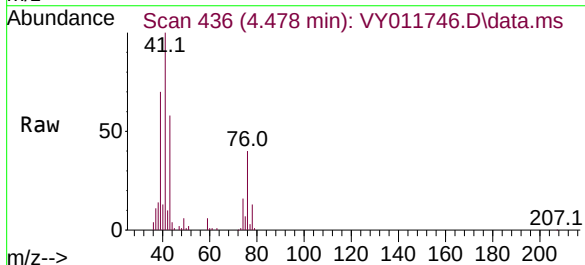
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD01

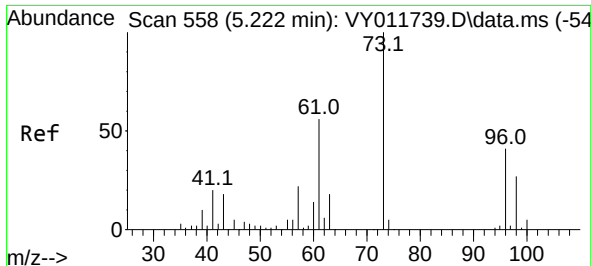
Tgt Ion: 76 Resp: 91675
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8



#18
Methyl Acetate
Concen: 21.311 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion: 43 Resp: 37739
Ion Ratio Lower Upper
43 100
74 25.2 20.1 30.1

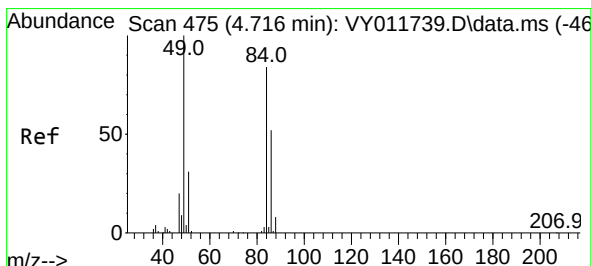
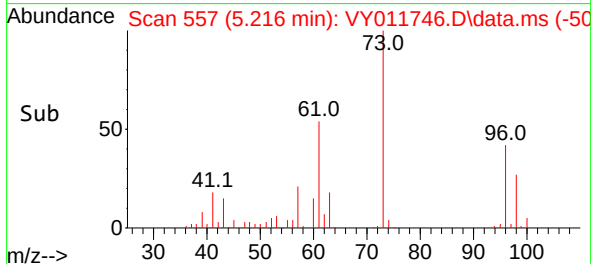
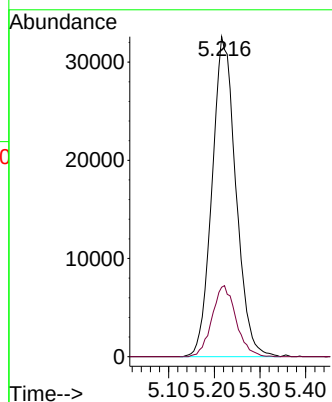
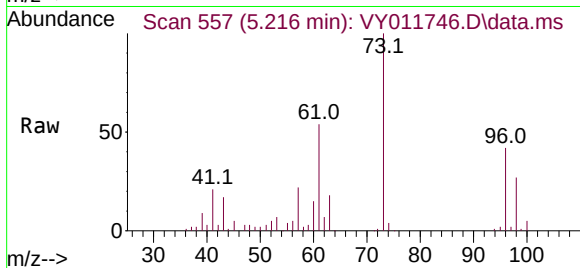




#19
Methyl tert-butyl Ether
Concen: 19.587 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

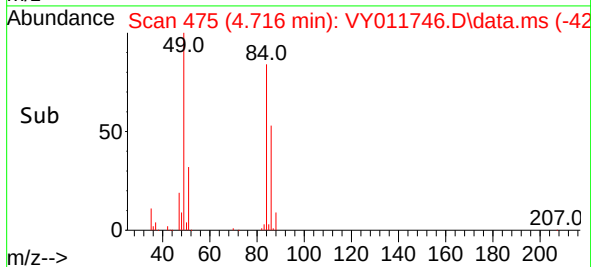
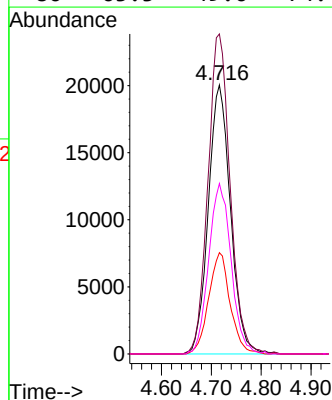
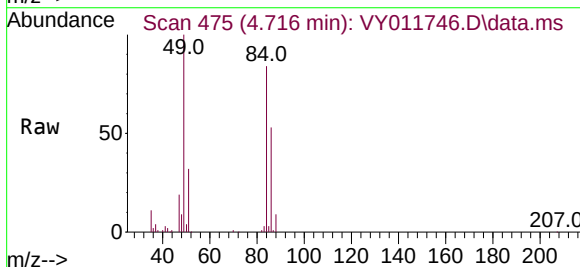
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

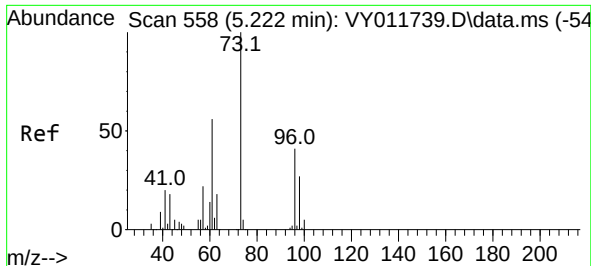
Tgt Ion: 73 Resp: 118020
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0



#20
Methylene Chloride
Concen: 21.172 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion: 84 Resp: 62075
Ion Ratio Lower Upper
84 100
49 119.0 95.4 143.2
51 37.7 29.9 44.9
86 63.3 49.6 74.4

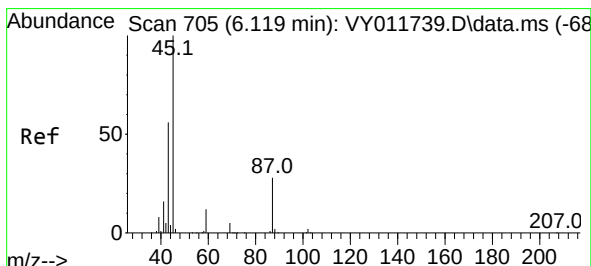
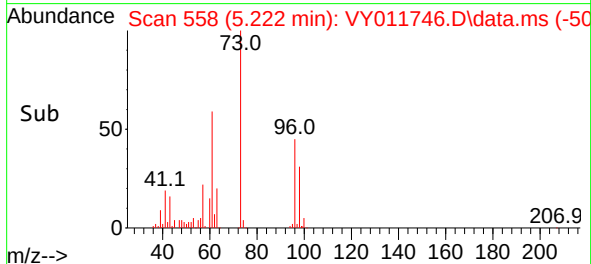
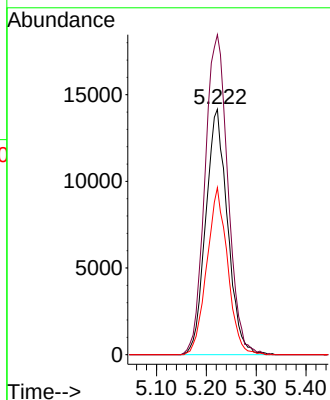
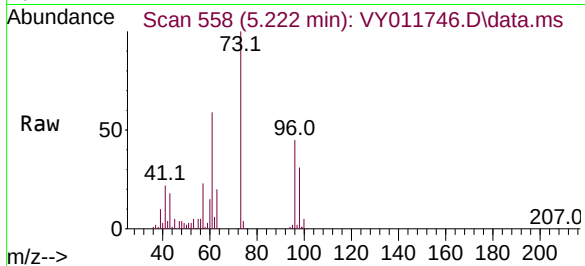




#21
trans-1,2-Dichloroethene
Concen: 19.938 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

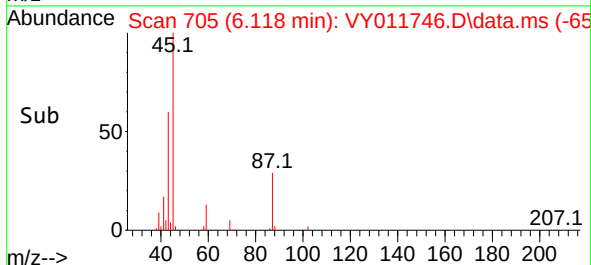
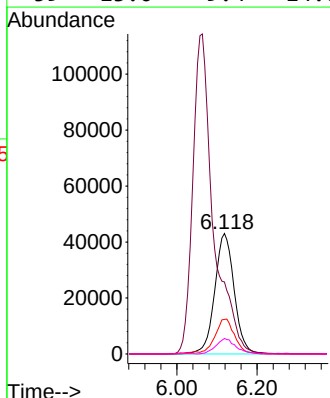
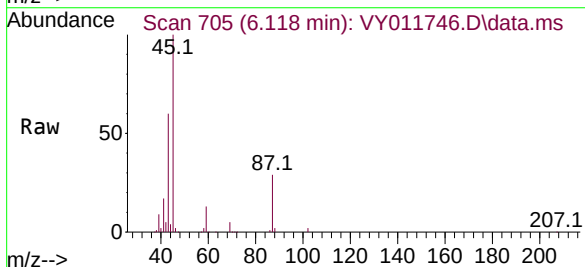
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD01

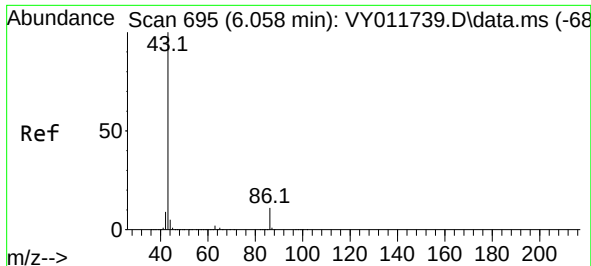
Tgt Ion: 96 Resp: 43125
Ion Ratio Lower Upper
96 100
61 130.4 108.0 162.0
98 68.0 51.6 77.4



#22
Diisopropyl ether
Concen: 20.794 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion: 45 Resp: 145027
Ion Ratio Lower Upper
45 100
43 59.2 45.0 67.4
87 28.7 22.6 33.8
59 13.0 9.4 14.0

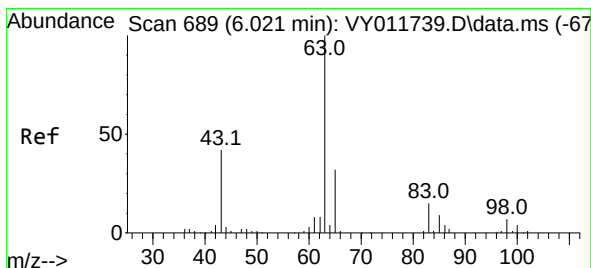
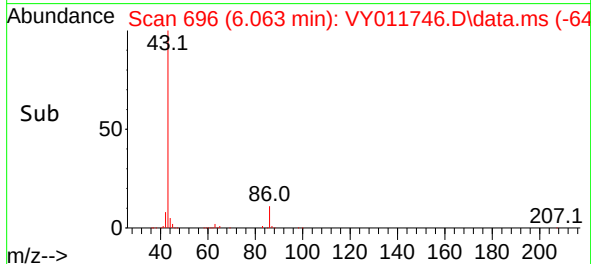
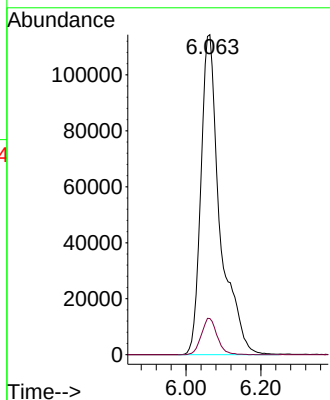
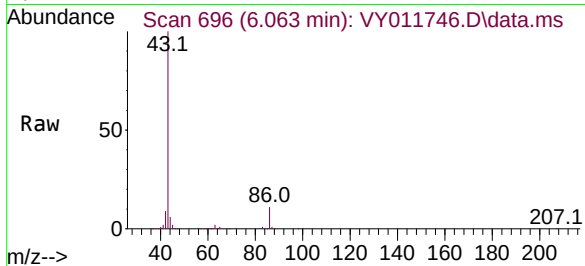




#23
 Vinyl Acetate
 Concen: 101.993 ug/l
 RT: 6.063 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY011746.D
 Acq: 09 Dec 2022 16:29

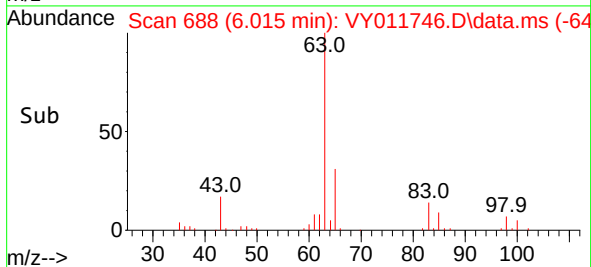
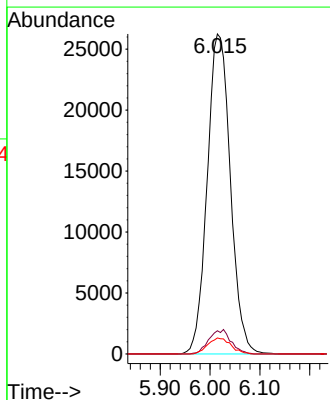
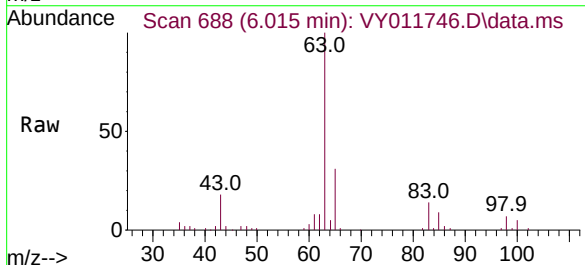
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

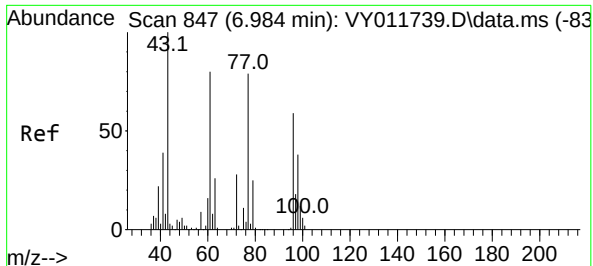
Tgt Ion: 43 Resp: 405809
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 19.982 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY011746.D
 Acq: 09 Dec 2022 16:29

Tgt Ion: 63 Resp: 84687
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 5.0 2.2 6.6

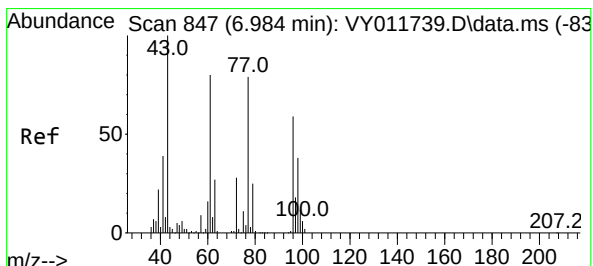
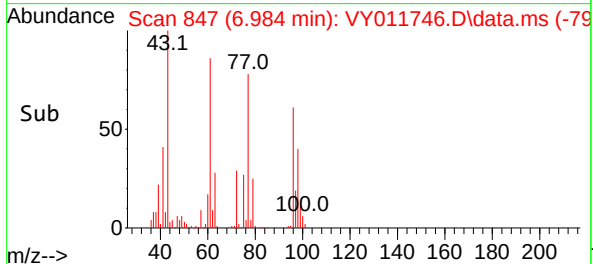
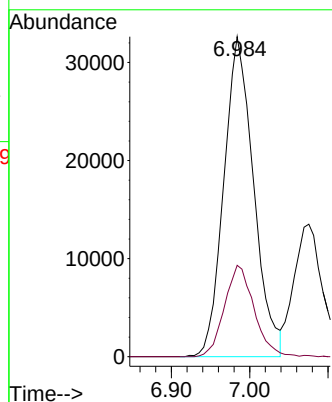
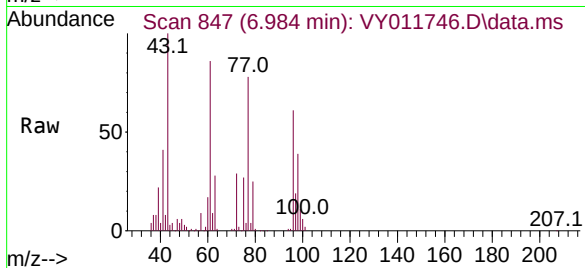




#25
2-Butanone
Concen: 94.611 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

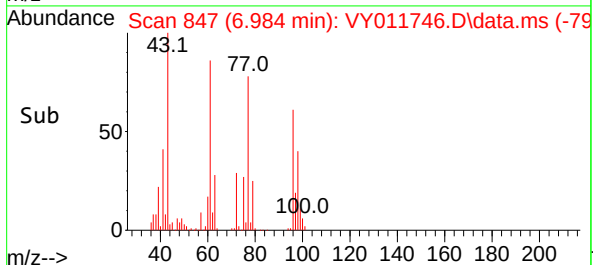
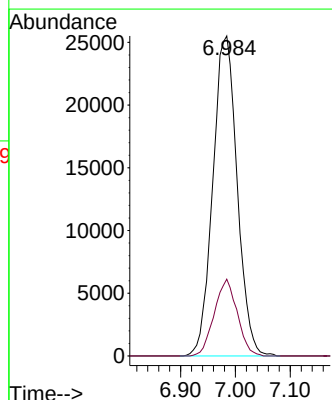
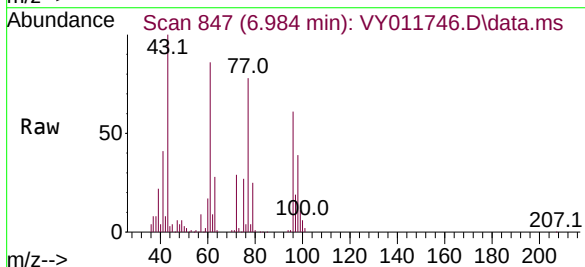
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

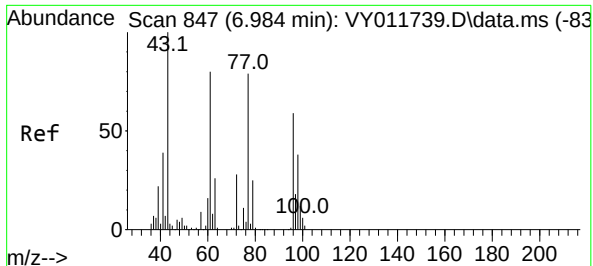
Tgt Ion: 43 Resp: 86409
Ion Ratio Lower Upper
43 100
72 28.5 22.6 34.0



#26
2,2-Dichloropropane
Concen: 19.709 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion: 77 Resp: 78585
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.185 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

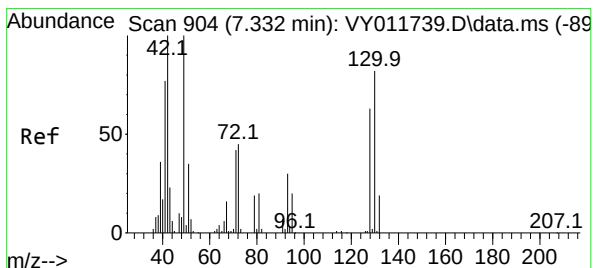
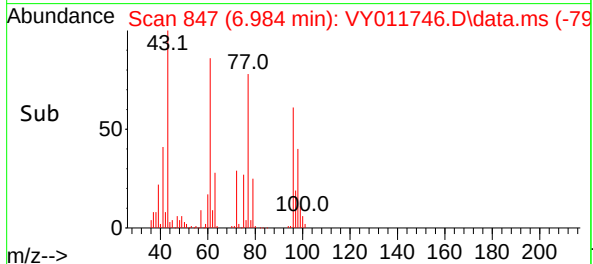
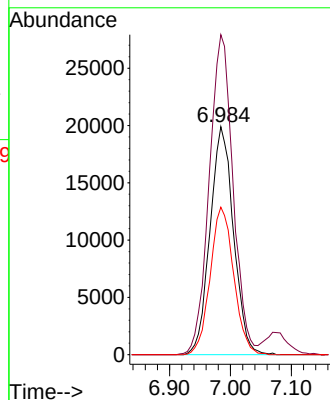
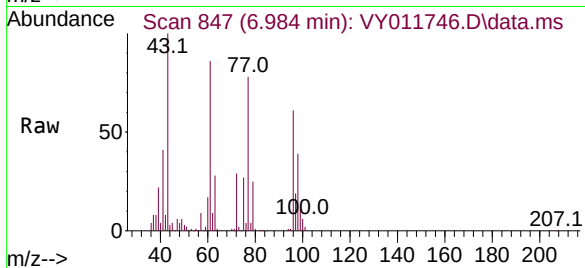
Tgt Ion: 96 Resp: 53359

Ion Ratio Lower Upper

96 100

61 142.6 0.0 283.4

98 64.8 0.0 127.6



#28

Bromochloromethane

Concen: 19.245 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

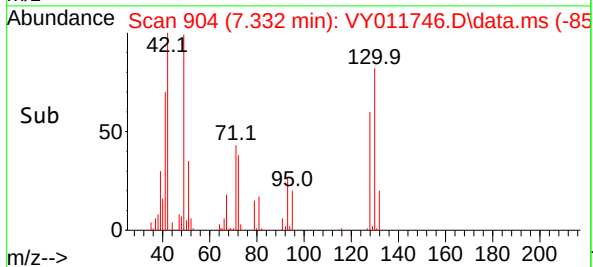
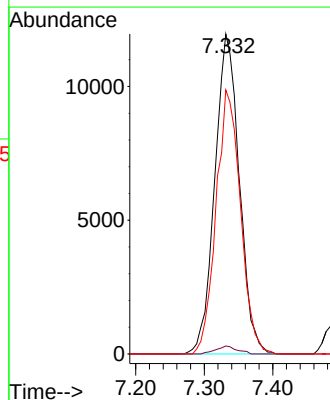
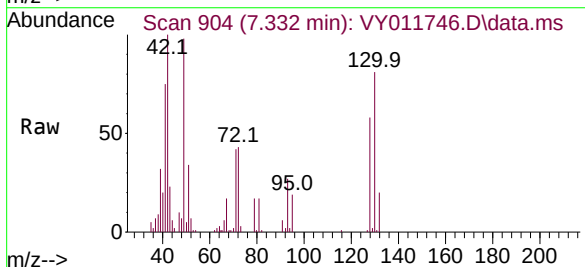
Tgt Ion: 49 Resp: 29693

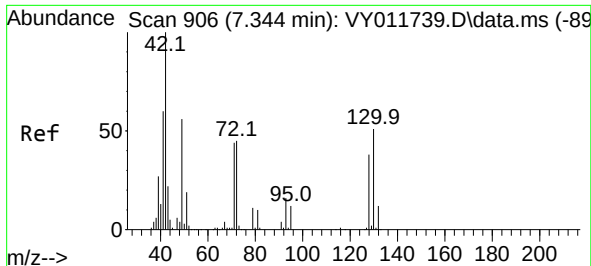
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 82.1 66.7 100.1





#29

Tetrahydrofuran

Concen: 96.291 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

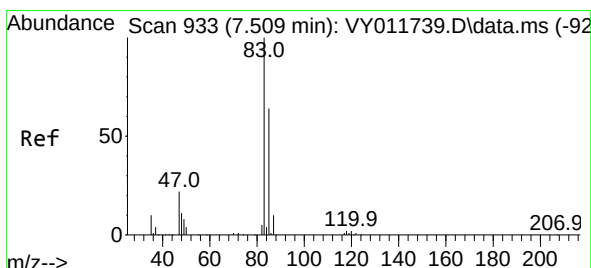
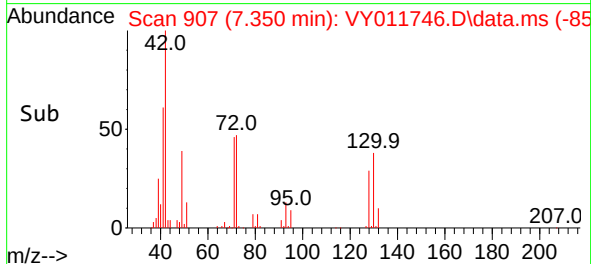
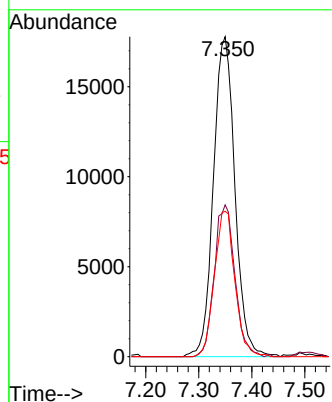
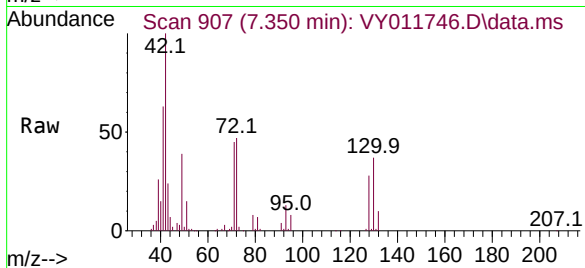
Tgt Ion: 42 Resp: 50055

Ion Ratio Lower Upper

42 100

72 45.6 37.0 55.6

71 43.4 34.9 52.3



#30

Chloroform

Concen: 20.199 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY011746.D

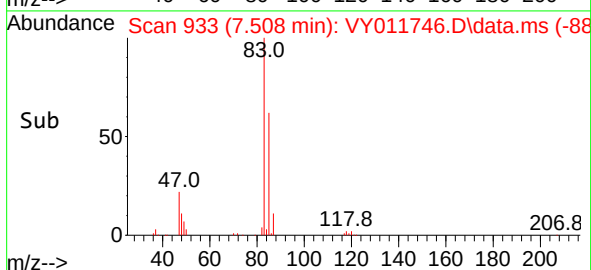
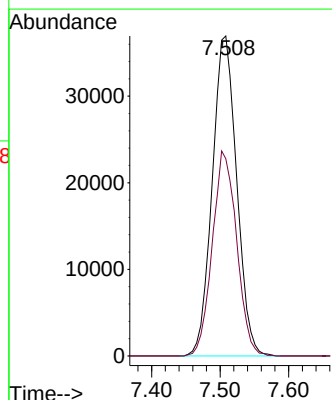
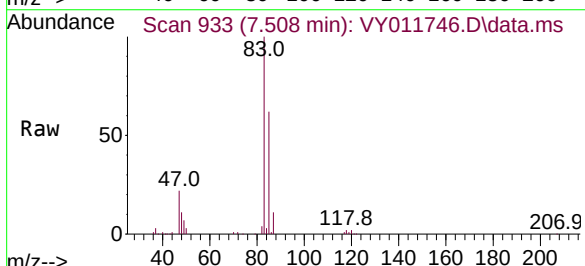
Acq: 09 Dec 2022 16:29

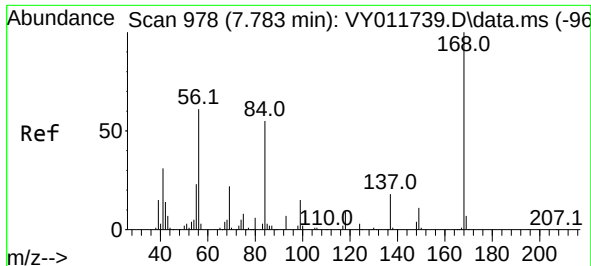
Tgt Ion: 83 Resp: 91517

Ion Ratio Lower Upper

83 100

85 61.6 51.5 77.3

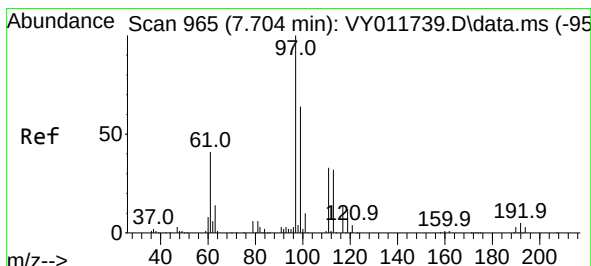
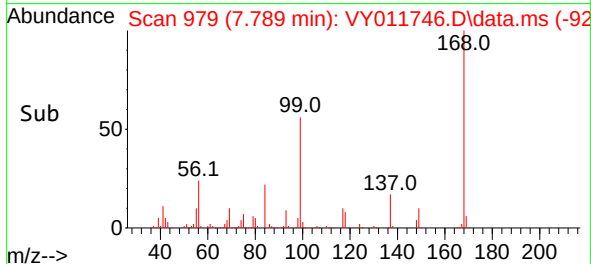
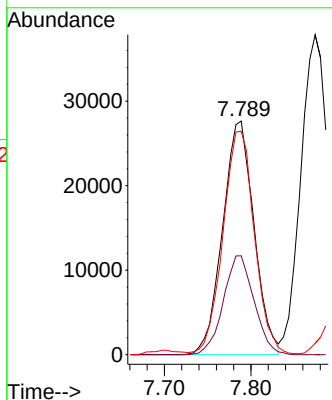
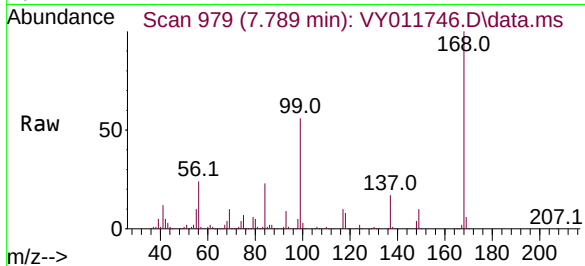




#31
Cyclohexane
Concen: 21.226 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

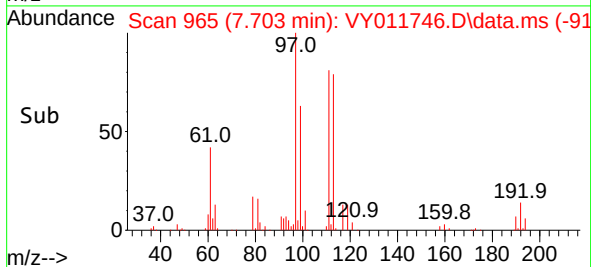
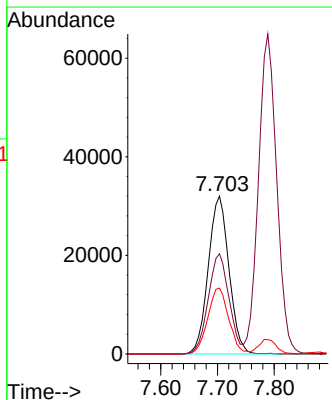
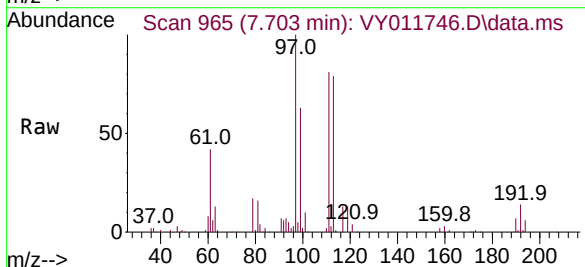
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

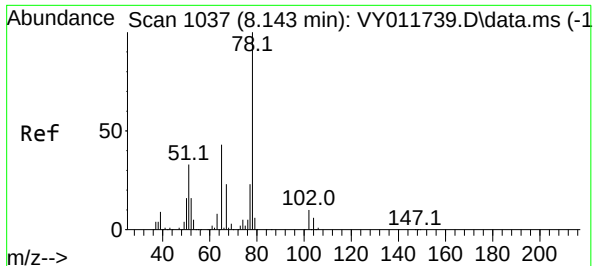
Tgt Ion: 56 Resp: 69625
Ion Ratio Lower Upper
56 100
69 42.3 29.2 43.8
84 94.4 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 20.062 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion: 97 Resp: 81066
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 42.4 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 46.353 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

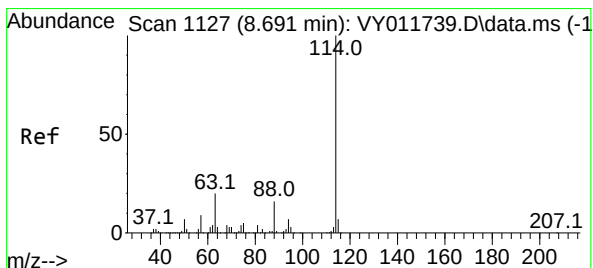
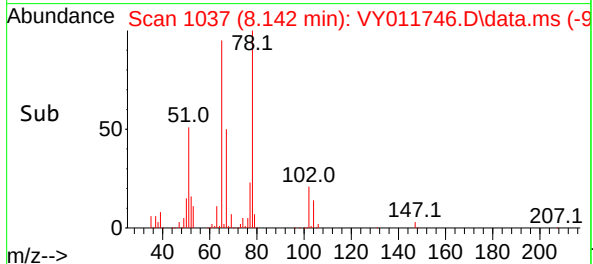
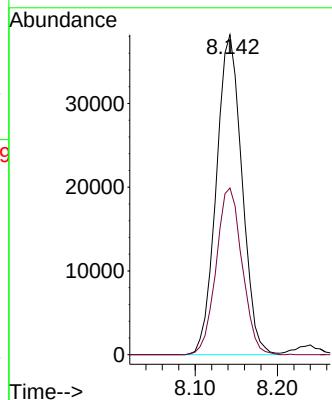
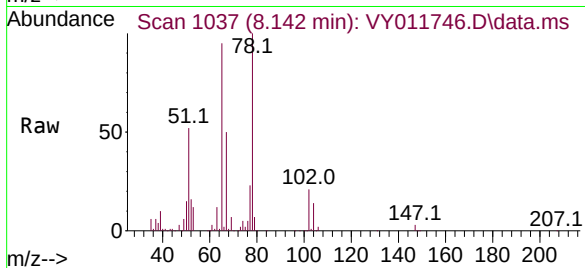
VY1209SBSD01

Tgt Ion: 65 Resp: 82869

Ion Ratio Lower Upper

65 100

67 52.7 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: VY011746.D

Acq: 09 Dec 2022 16:29

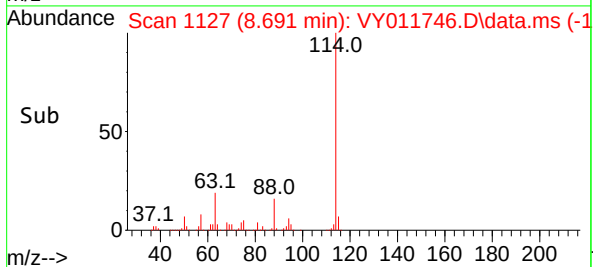
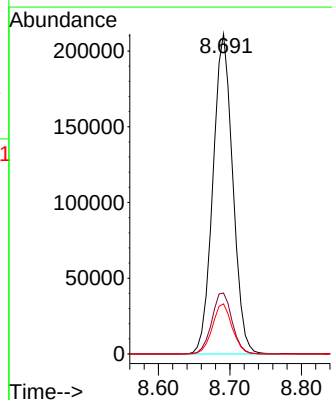
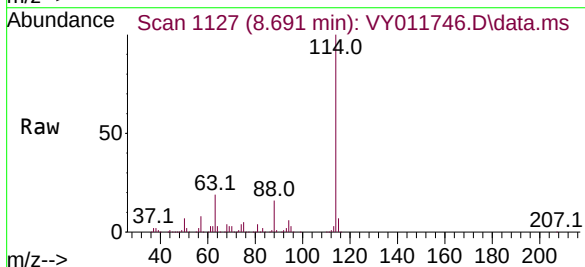
Tgt Ion: 114 Resp: 406468

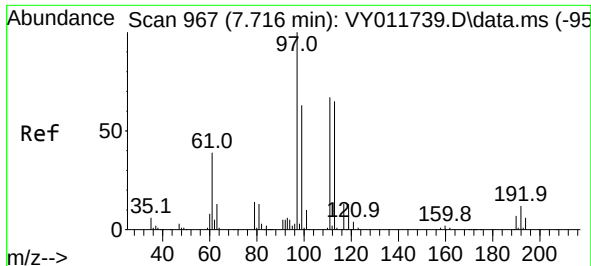
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 15.7 0.0 32.2

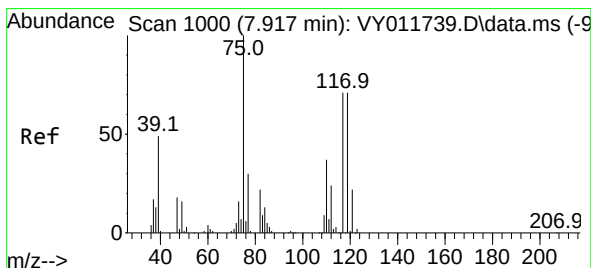
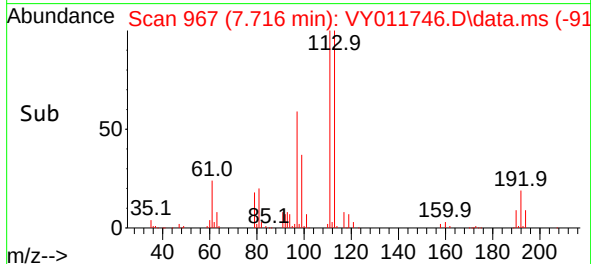
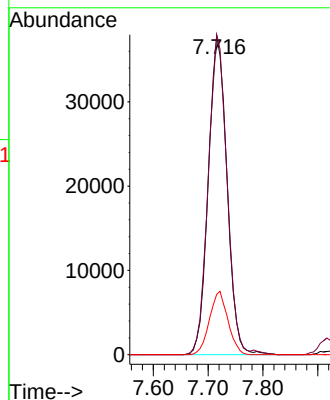
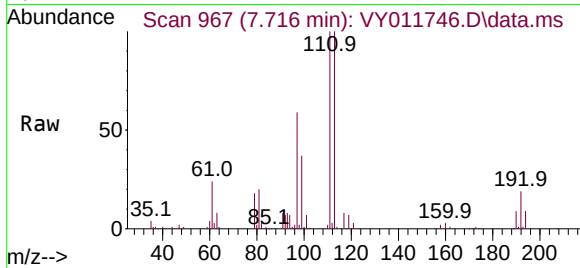




#35
Dibromofluoromethane
Concen: 49.460 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

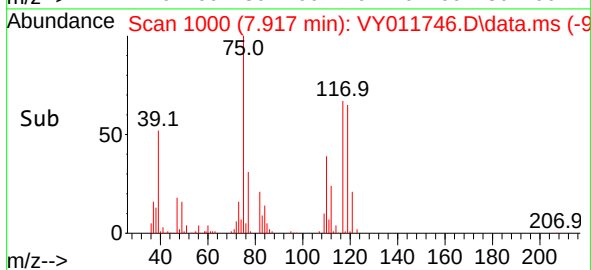
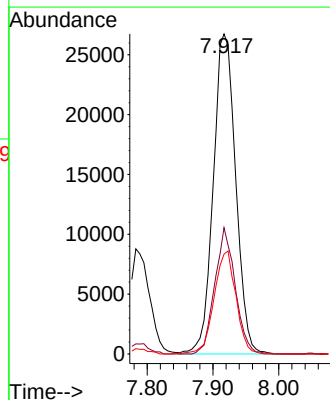
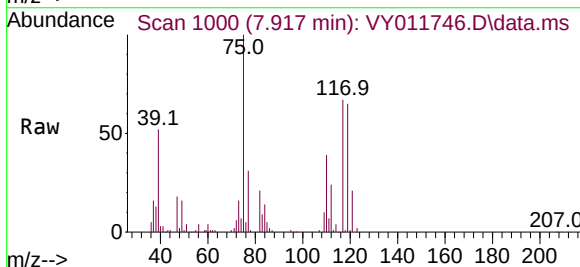
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

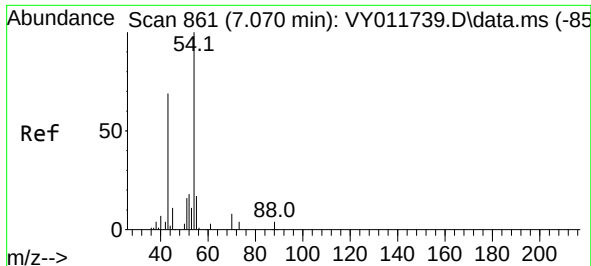
Tgt Ion:113 Resp: 89397
Ion Ratio Lower Upper
113 100
111 101.1 83.0 124.4
192 19.6 16.0 24.0



#36
1,1-Dichloropropene
Concen: 20.596 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion: 75 Resp: 63527
Ion Ratio Lower Upper
75 100
110 36.0 18.1 54.1
77 31.4 25.1 37.7





#37

Ethyl Acetate

Concen: 19.528 ug/l

RT: 7.075 min Scan# 861

Delta R.T. 0.005 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

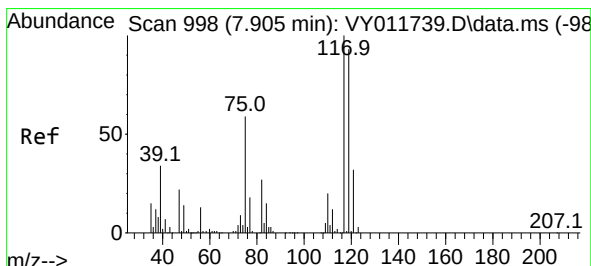
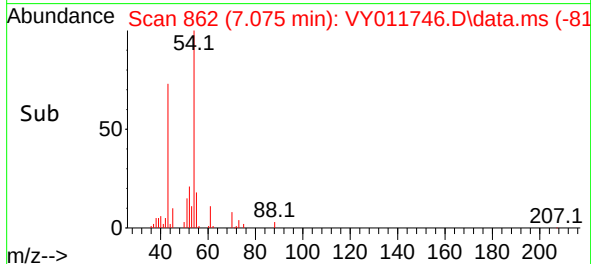
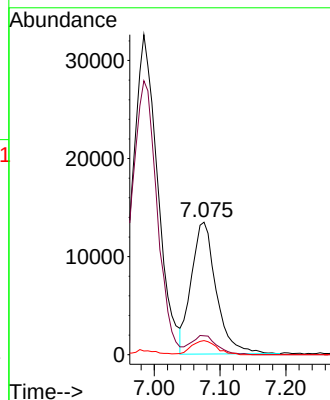
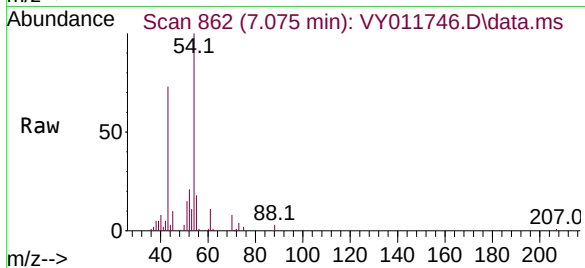
Tgt Ion: 43 Resp: 35215

Ion Ratio Lower Upper

43 100

61 14.7 11.3 16.9

70 10.8 8.2 12.4



#38

Carbon Tetrachloride

Concen: 20.249 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

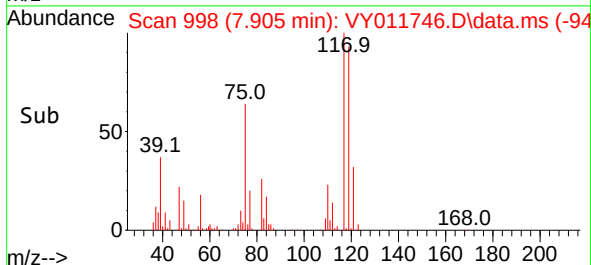
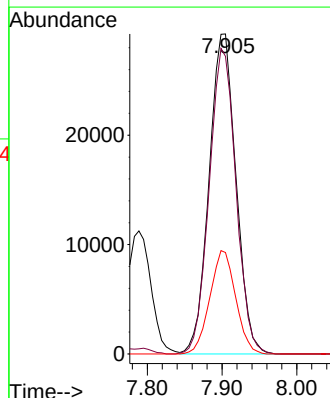
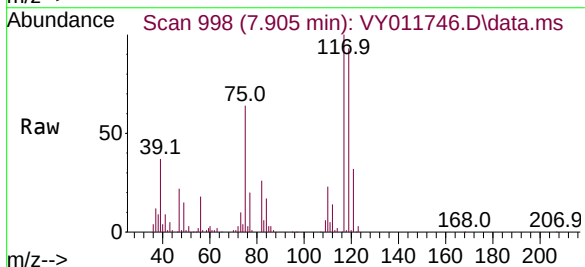
Tgt Ion: 117 Resp: 73364

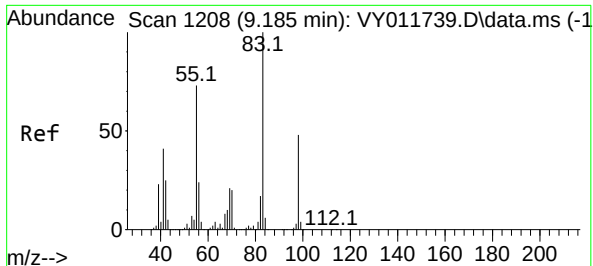
Ion Ratio Lower Upper

117 100

119 93.0 73.8 110.8

121 31.7 25.2 37.8





#39

Methylcyclohexane

Concen: 21.048 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

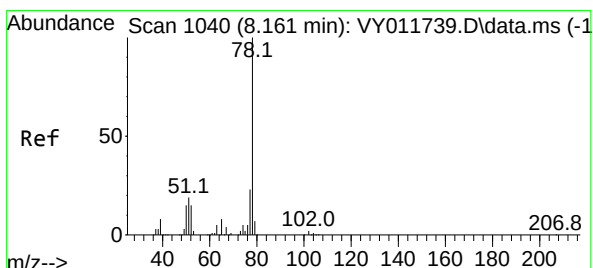
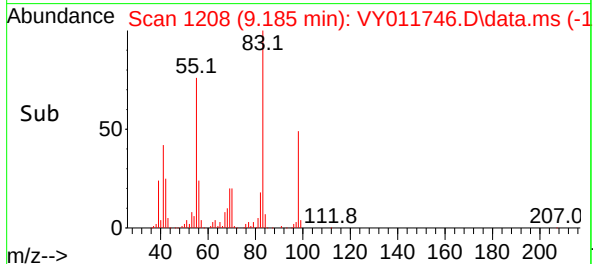
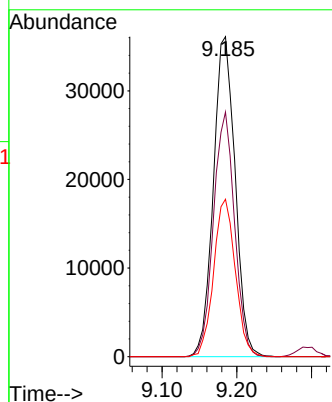
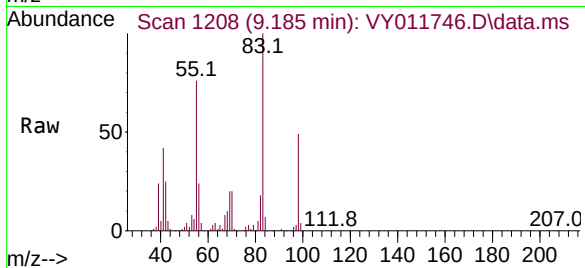
Tgt Ion: 83 Resp: 73048

Ion Ratio Lower Upper

83 100

55 76.4 58.2 87.2

98 49.2 38.6 58.0



#40

Benzene

Concen: 20.453 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011746.D

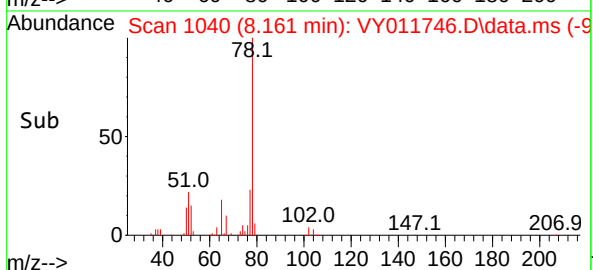
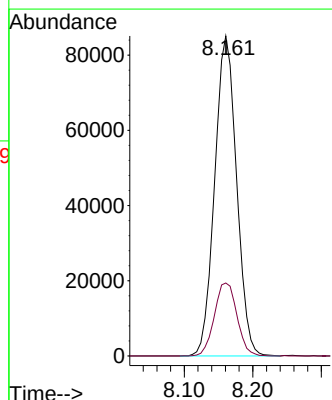
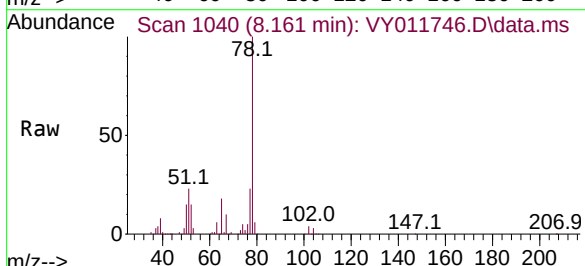
Acq: 09 Dec 2022 16:29

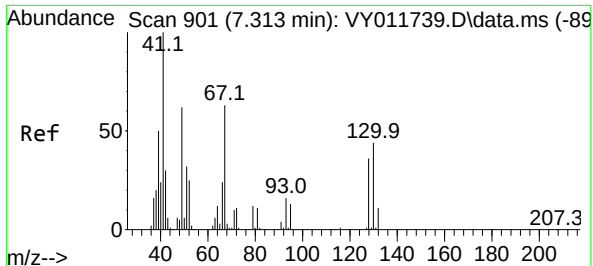
Tgt Ion: 78 Resp: 188466

Ion Ratio Lower Upper

78 100

77 22.8 18.6 27.8

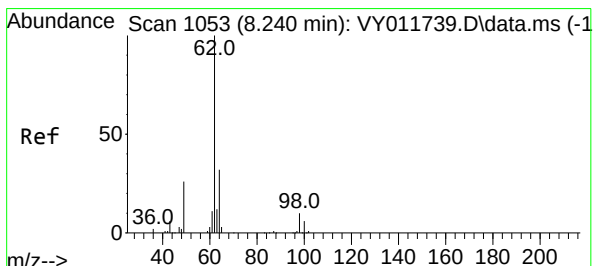
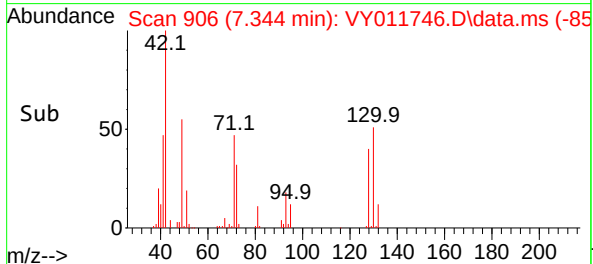
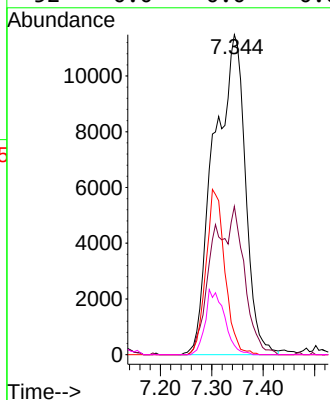
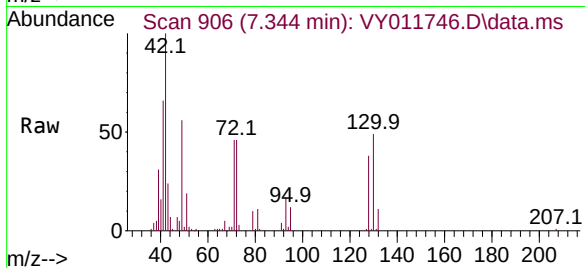




#41
Methacrylonitrile
Concen: 53.434 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

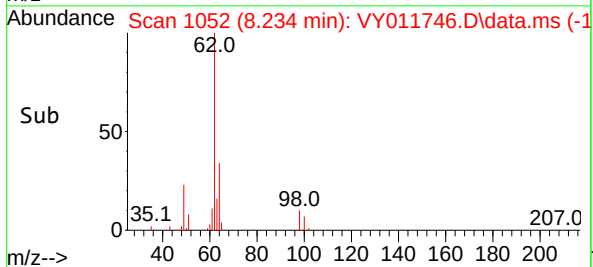
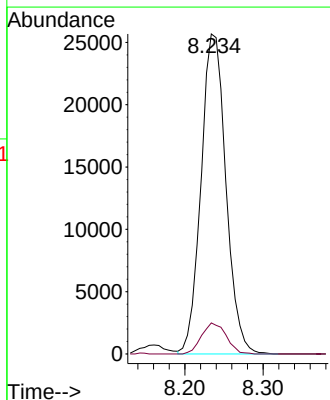
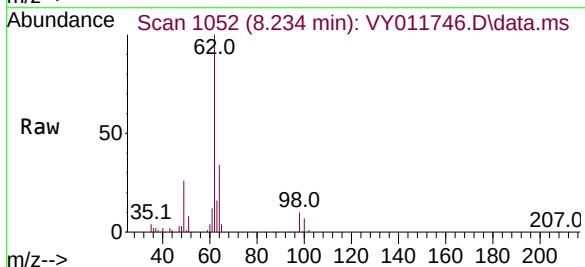
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

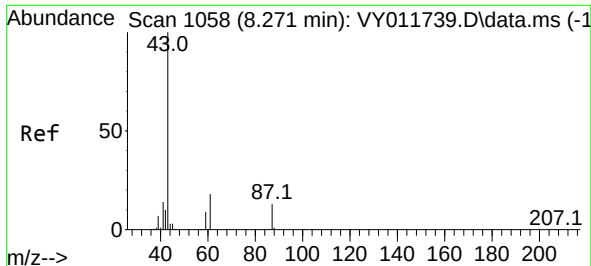
Tgt Ion:	41	Resp:	48643
Ion	Ratio	Lower	Upper
41	100		
39	21.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.896 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion:	62	Resp:	56695
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.6





#43

Isopropyl Acetate

Concen: 19.570 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

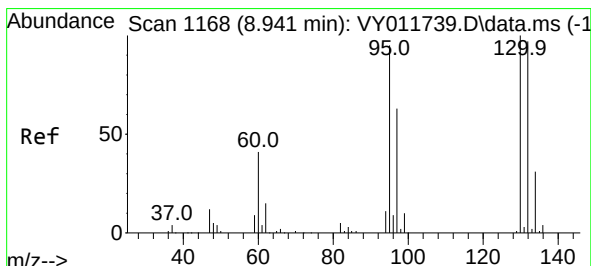
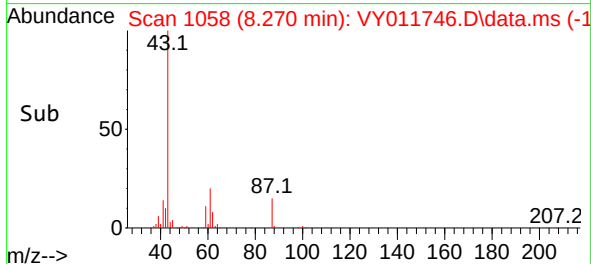
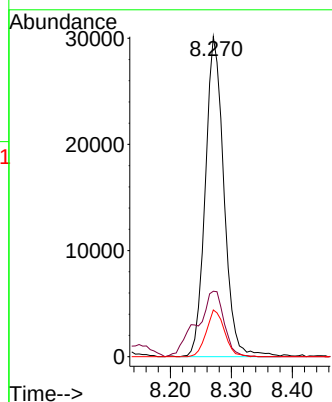
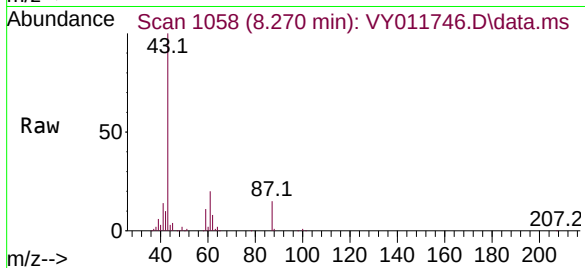
Tgt Ion: 43 Resp: 63992

Ion Ratio Lower Upper

43 100

61 29.8 24.4 36.6

87 14.3 11.4 17.2



#44

Trichloroethene

Concen: 20.102 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY011746.D

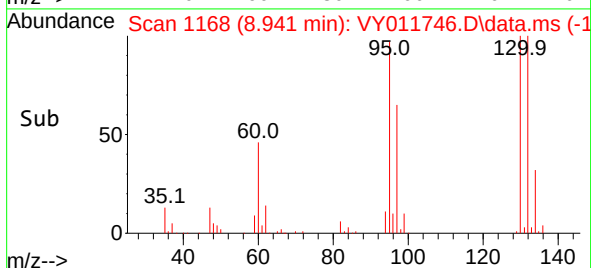
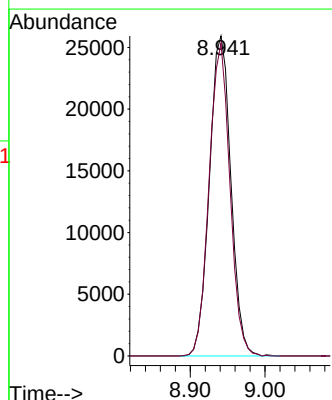
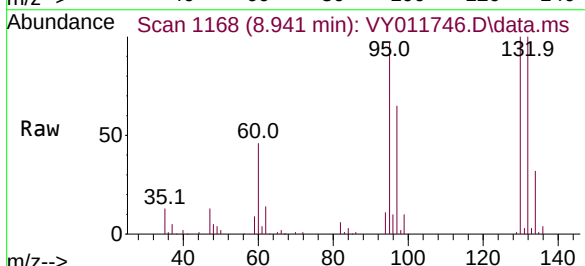
Acq: 09 Dec 2022 16:29

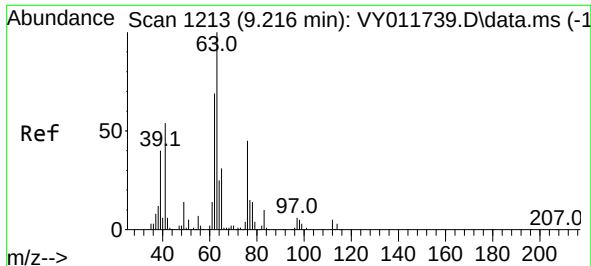
Tgt Ion:130 Resp: 51878

Ion Ratio Lower Upper

130 100

95 97.7 0.0 190.6





#45

1,2-Dichloropropane

Concen: 20.253 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

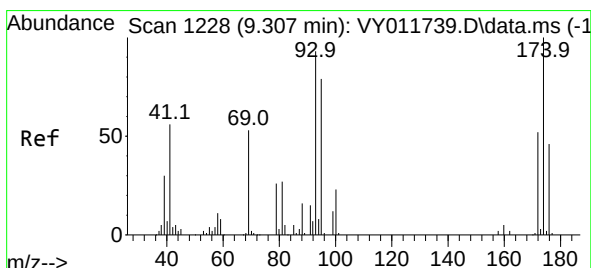
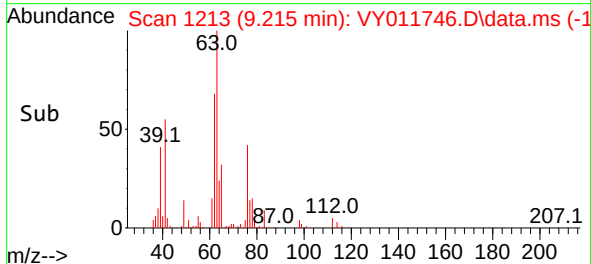
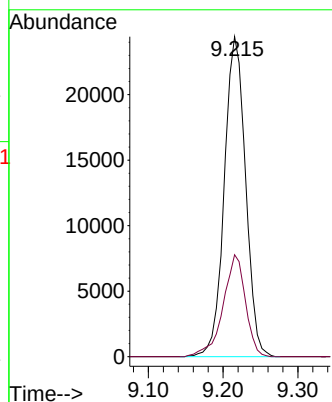
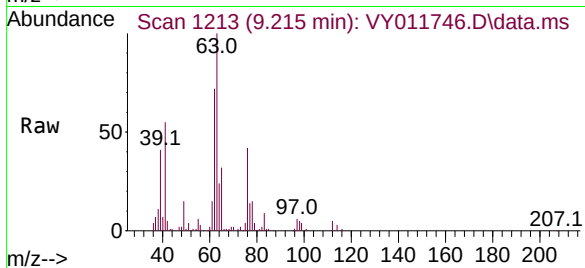
VY1209SBS01

Tgt Ion: 63 Resp: 48301

Ion Ratio Lower Upper

63 100

65 31.9 24.9 37.3



#46

Dibromomethane

Concen: 19.452 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

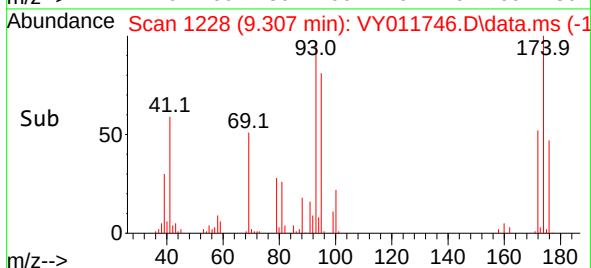
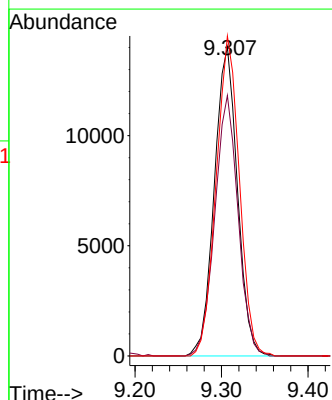
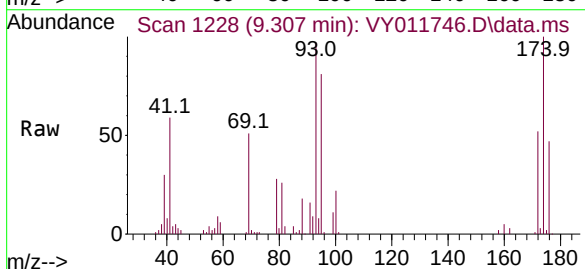
Tgt Ion: 93 Resp: 25968

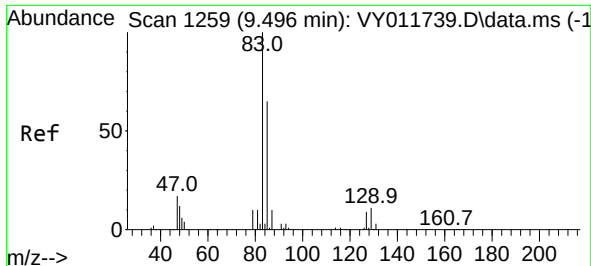
Ion Ratio Lower Upper

93 100

95 84.6 66.1 99.1

174 104.1 84.7 127.1

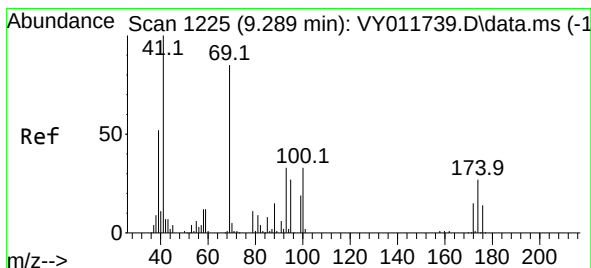
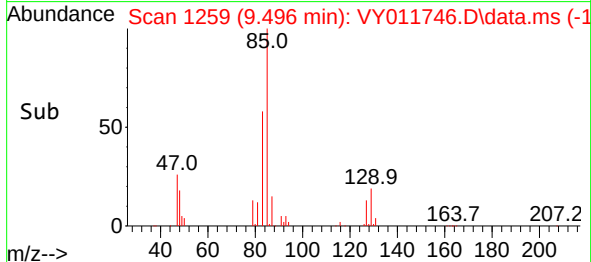
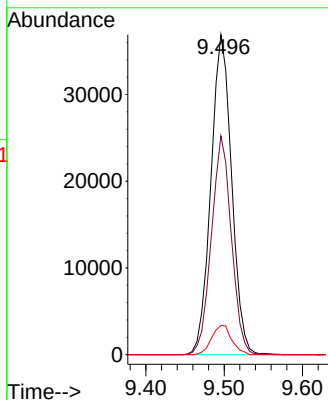
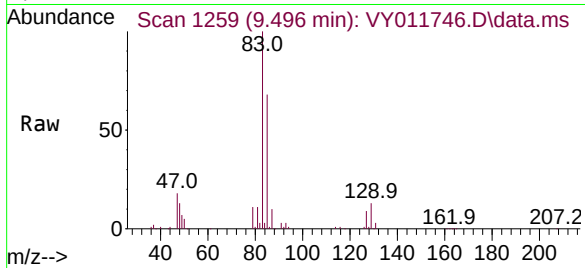




#47
Bromodichloromethane
Concen: 19.661 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

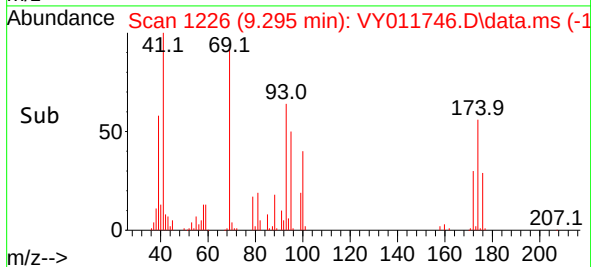
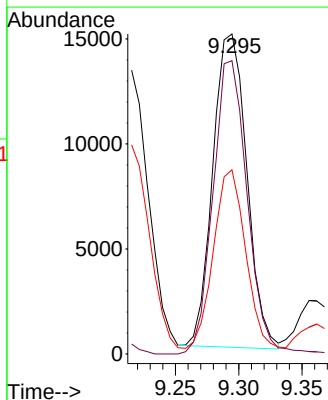
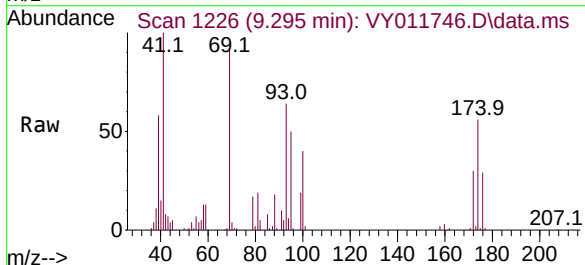
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

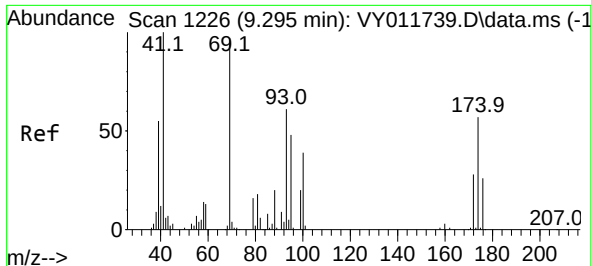
Tgt Ion:	83	Resp:	67809
Ion	Ratio	Lower	Upper
83	100		
85	68.4	52.0	78.0
127	9.1	7.3	10.9



#48
Methyl methacrylate
Concen: 19.311 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

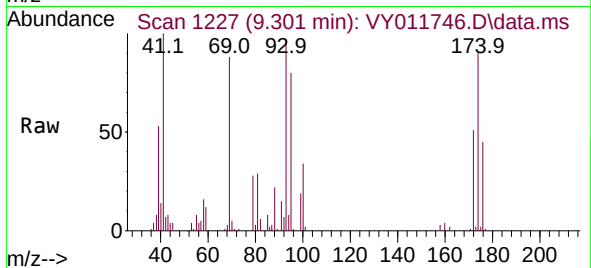
Tgt Ion:	41	Resp:	27834
Ion	Ratio	Lower	Upper
41	100		
69	94.5	74.2	111.2
39	57.3	46.3	69.5



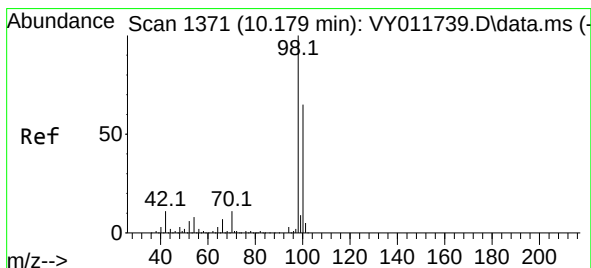
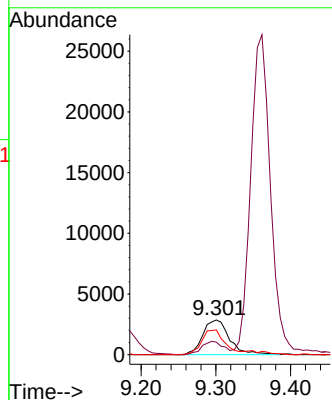
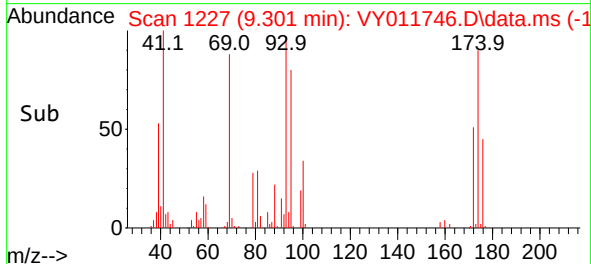


#49
1,4-Dioxane
Concen: 384.817 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD01

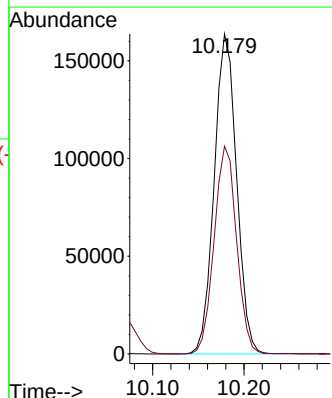
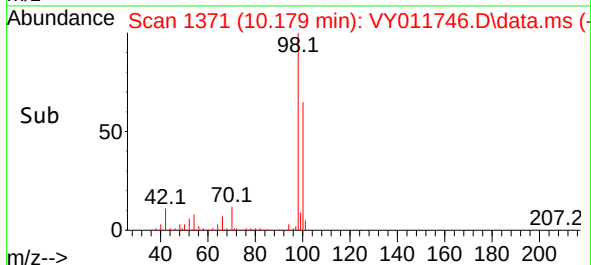
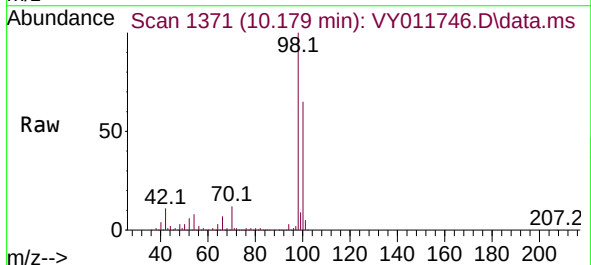


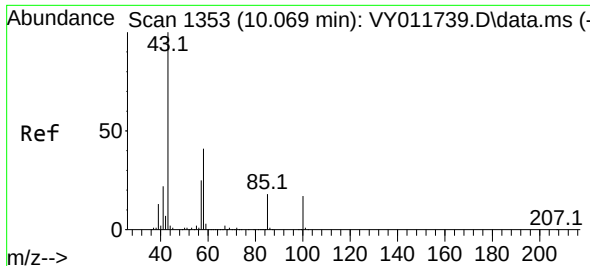
Tgt Ion: 88 Resp: 7117
Ion Ratio Lower Upper
88 100
43 31.3 26.2 39.2
58 61.9 54.3 81.5



#50
Toluene-d8
Concen: 46.634 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion: 98 Resp: 278760
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

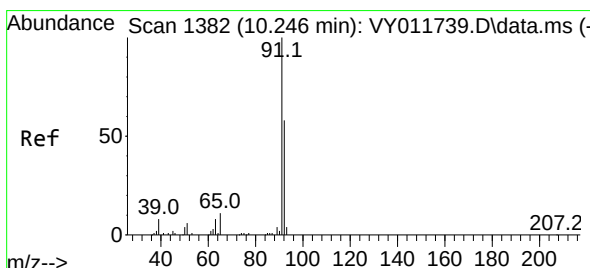
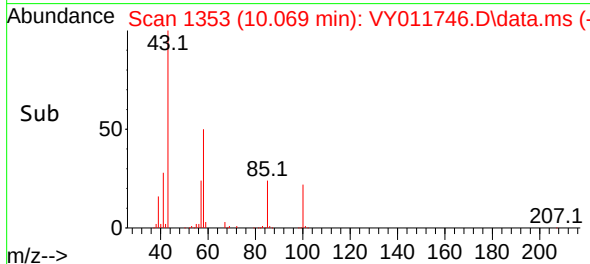
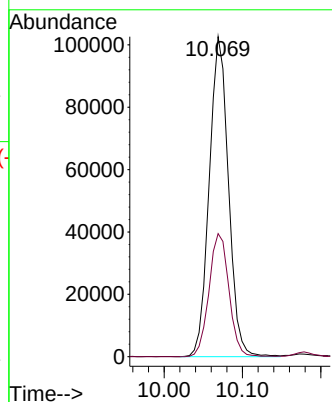
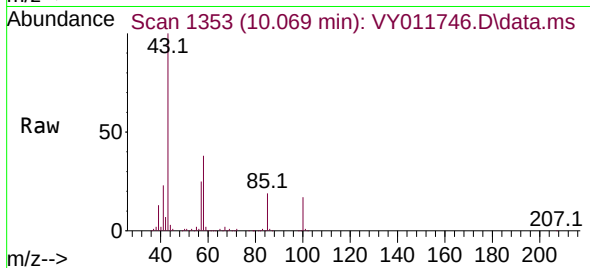




#51
4-Methyl-2-Pentanone
Concen: 97.103 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

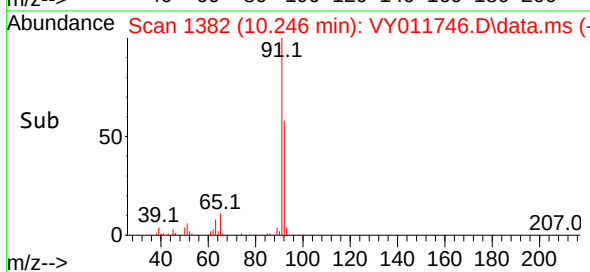
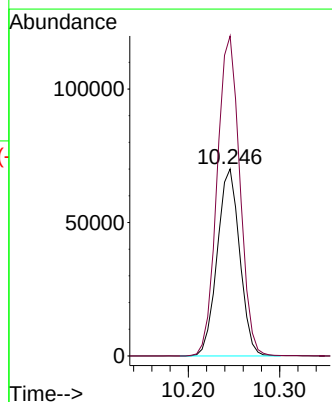
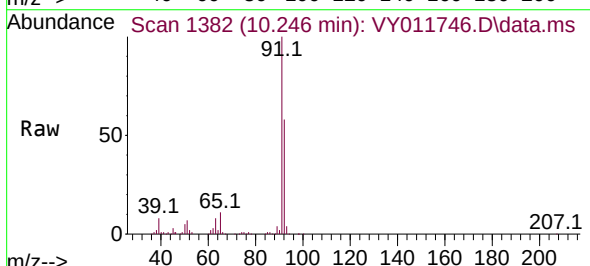
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

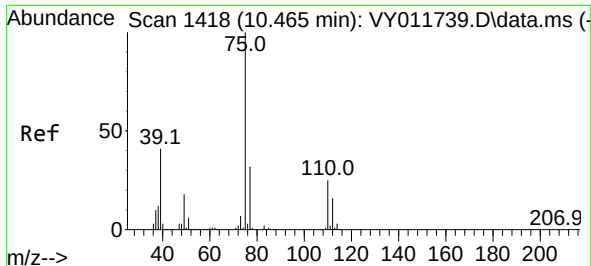
Tgt Ion: 43 Resp: 174954
Ion Ratio Lower Upper
43 100
58 39.8 32.9 49.3



#52
Toluene
Concen: 20.412 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion: 92 Resp: 119574
Ion Ratio Lower Upper
92 100
91 173.0 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 19.959 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

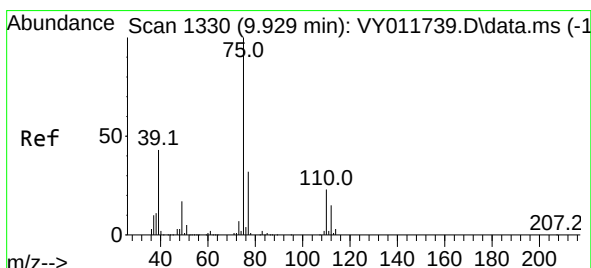
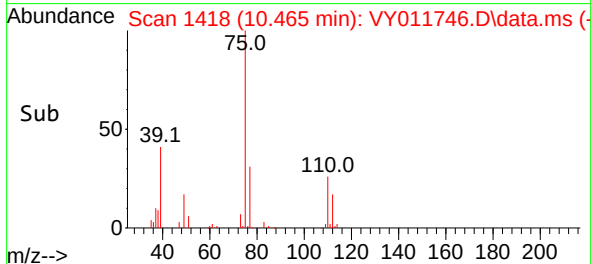
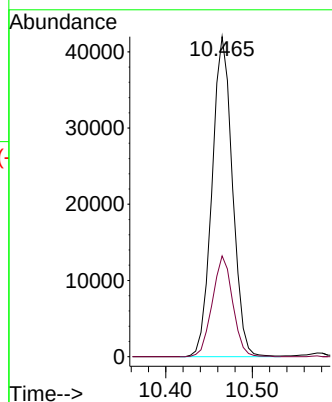
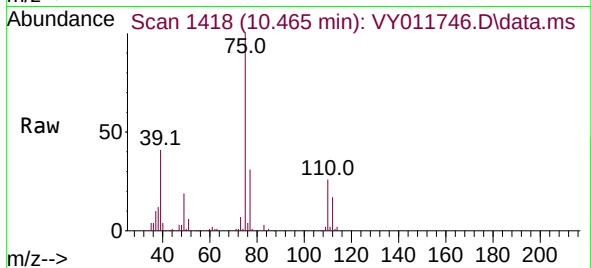
VY1209SBS01

Tgt Ion: 75 Resp: 68757

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 20.224 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

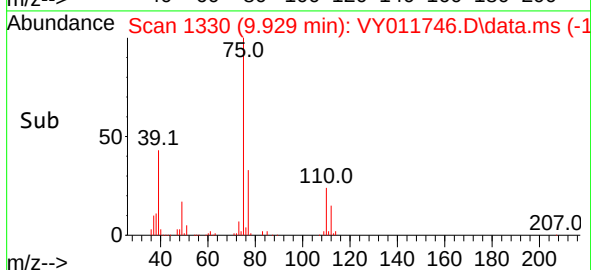
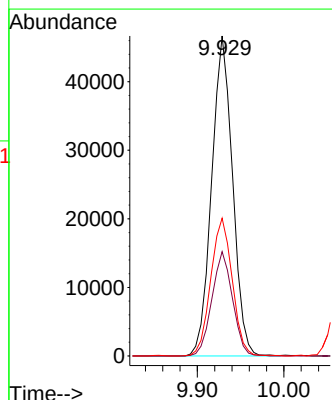
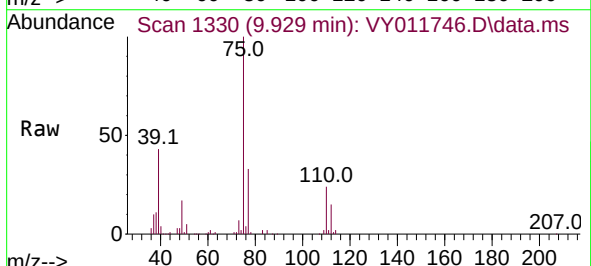
Tgt Ion: 75 Resp: 78278

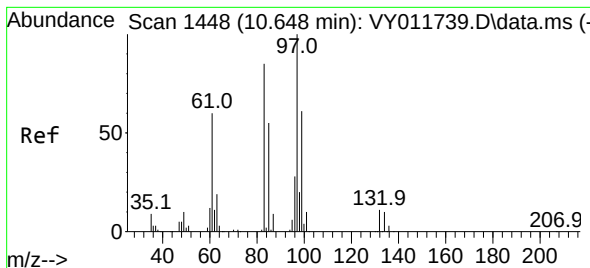
Ion Ratio Lower Upper

75 100

77 32.6 25.9 38.9

39 43.1 34.6 52.0





#55

1,1,2-Trichloroethane

Concen: 19.892 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tgt Ion: 97 Resp: 39250

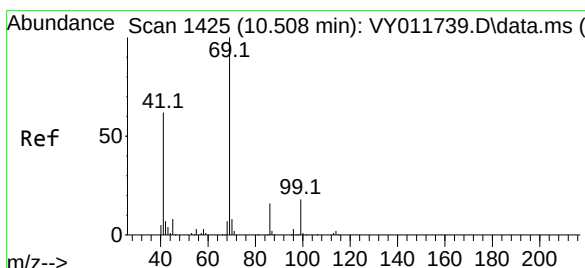
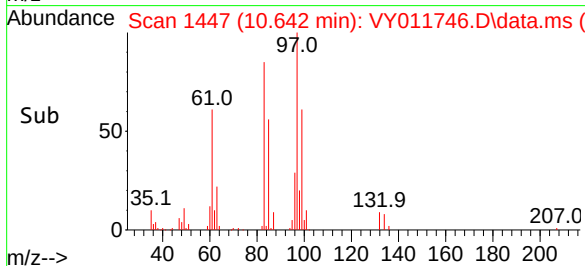
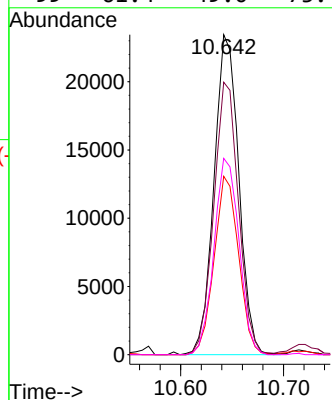
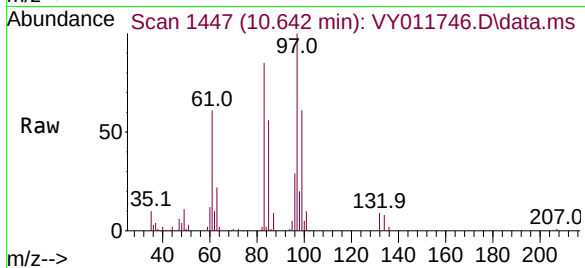
Ion Ratio Lower Upper

97 100

83 85.2 67.7 101.5

85 55.8 43.8 65.8

99 61.4 49.0 73.4



#56

Ethyl methacrylate

Concen: 19.597 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

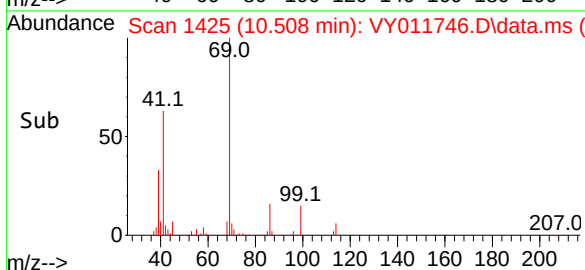
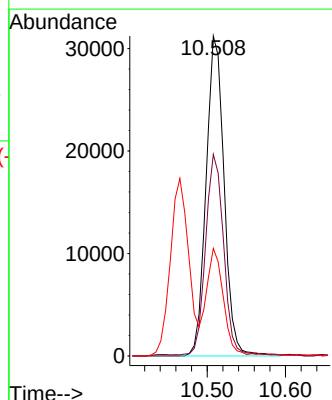
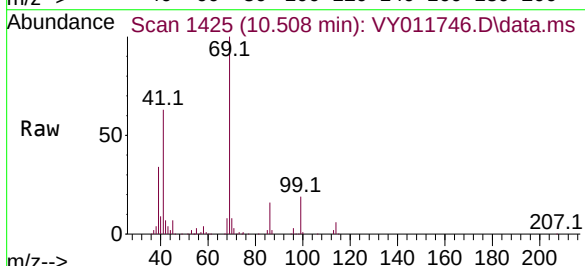
Tgt Ion: 69 Resp: 49916

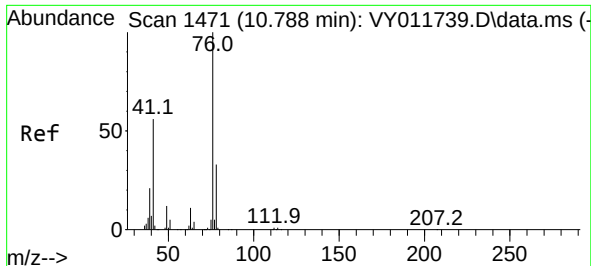
Ion Ratio Lower Upper

69 100

41 62.8 48.9 73.3

39 30.9 25.9 38.9





#57

1,3-Dichloropropane

Concen: 19.917 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

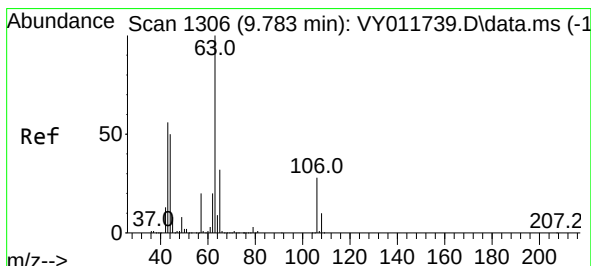
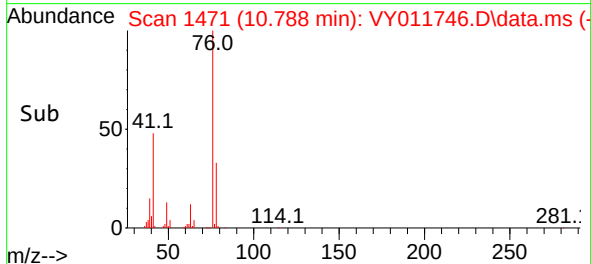
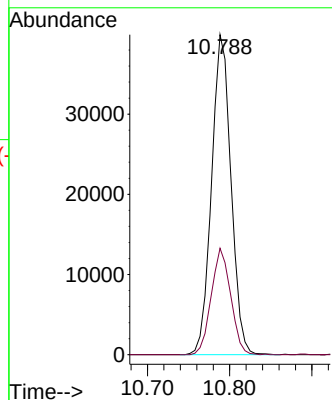
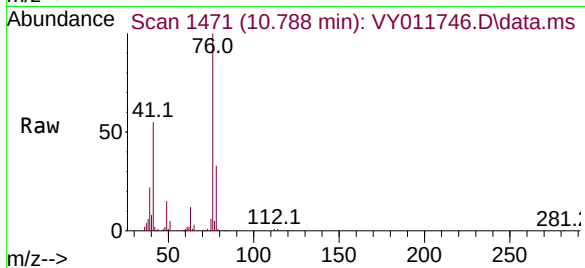
VY1209SBSD01

Tgt Ion: 76 Resp: 65509

Ion Ratio Lower Upper

76 100

78 33.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 100.262 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011746.D

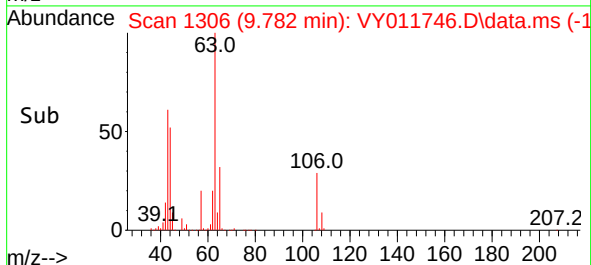
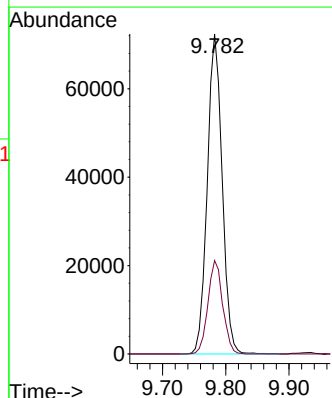
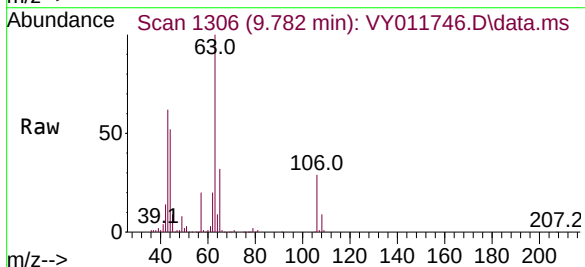
Acq: 09 Dec 2022 16:29

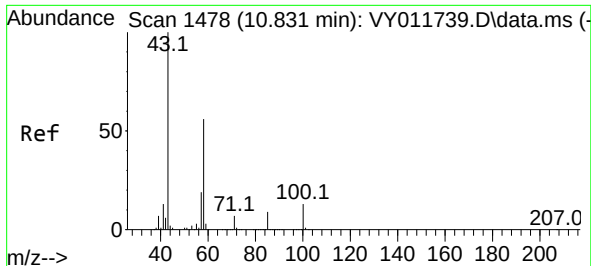
Tgt Ion: 63 Resp: 118422

Ion Ratio Lower Upper

63 100

106 28.9 23.2 34.8





#59

2-Hexanone

Concen: 94.030 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

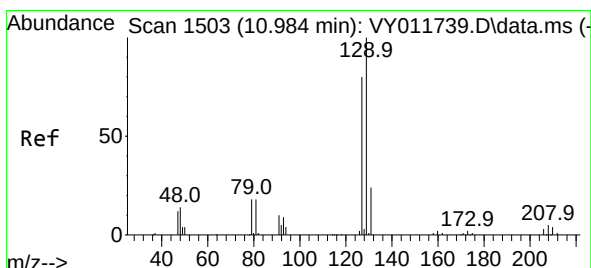
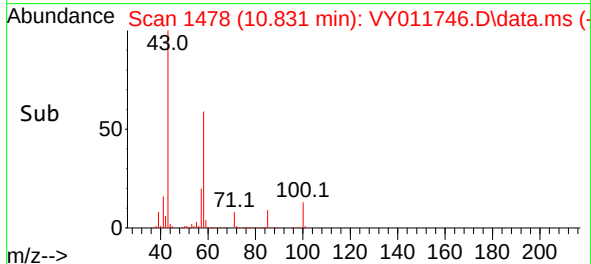
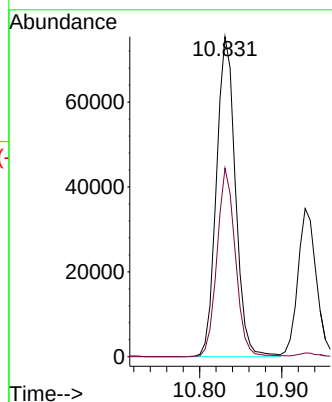
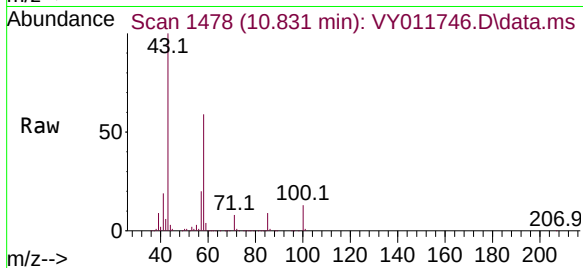
VY1209SBSD01

Tgt Ion: 43 Resp: 121047

Ion Ratio Lower Upper

43 100

58 56.9 28.4 85.2



#60

Dibromochloromethane

Concen: 19.642 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY011746.D

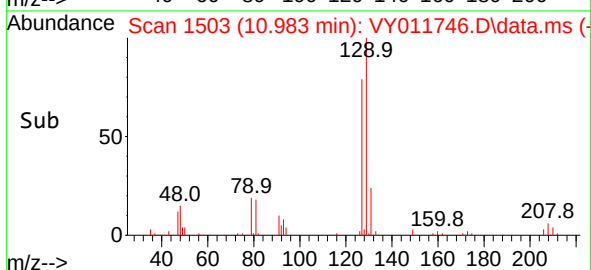
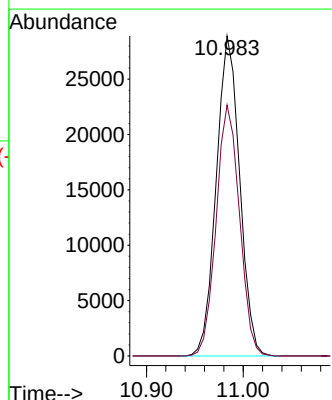
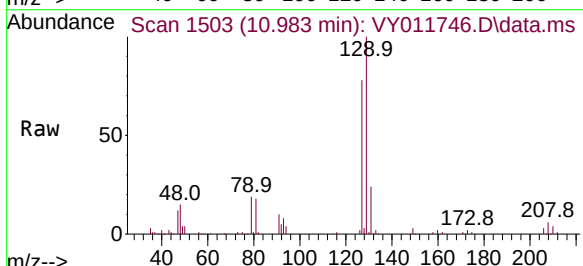
Acq: 09 Dec 2022 16:29

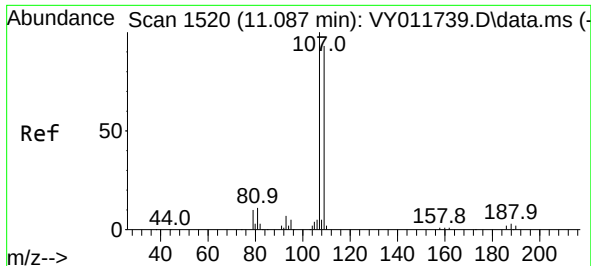
Tgt Ion: 129 Resp: 48543

Ion Ratio Lower Upper

129 100

127 78.0 38.9 116.6

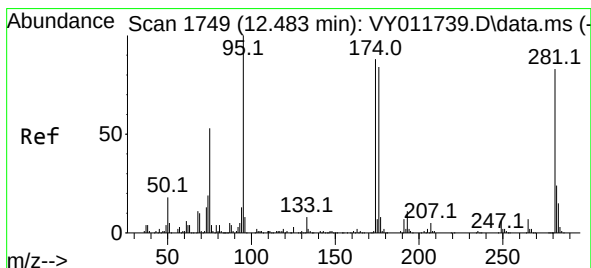
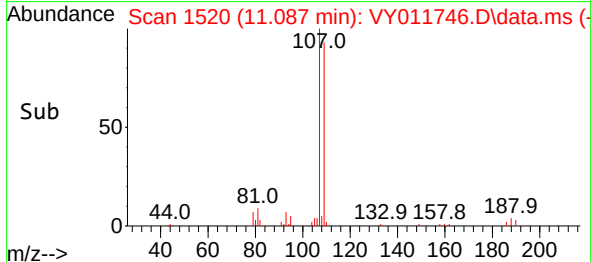
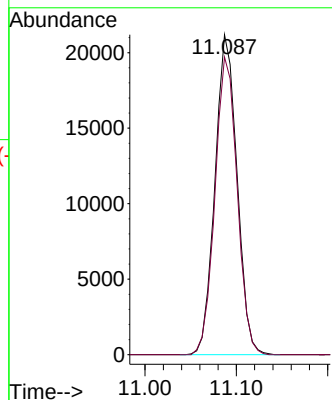
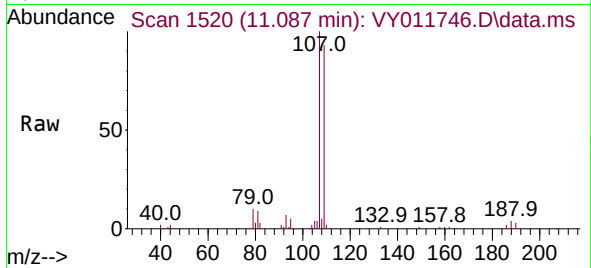




#61
1,2-Dibromoethane
Concen: 19.883 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

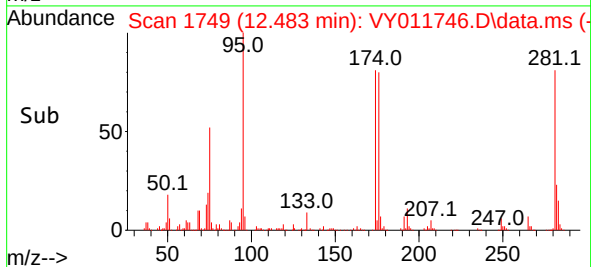
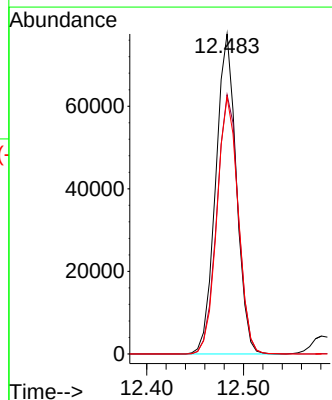
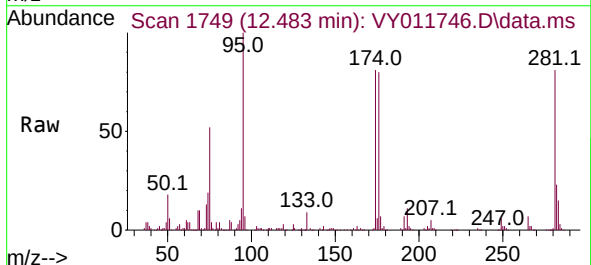
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

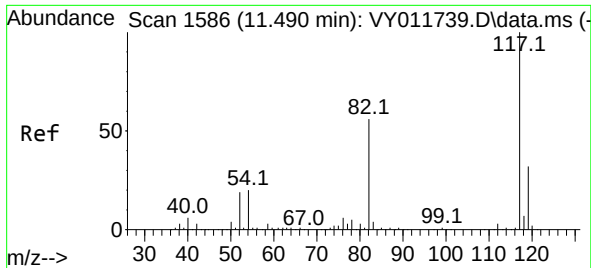
Tgt Ion:107 Resp: 35542
Ion Ratio Lower Upper
107 100
109 93.7 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 48.477 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion: 95 Resp: 114569
Ion Ratio Lower Upper
95 100
174 84.1 0.0 172.0
176 82.6 0.0 167.6

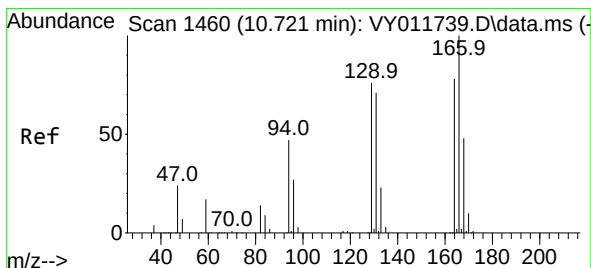
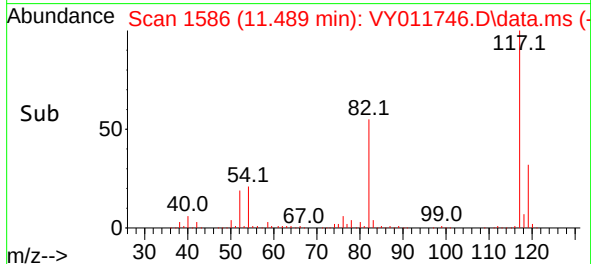
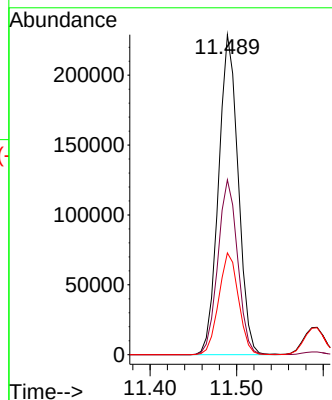
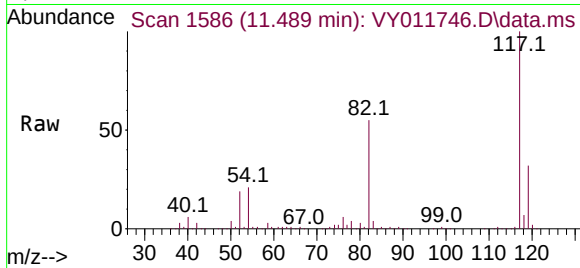




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

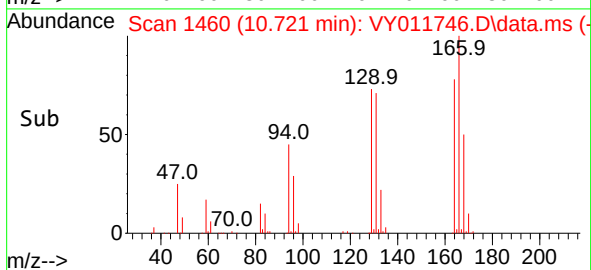
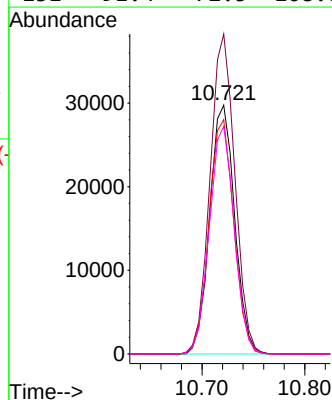
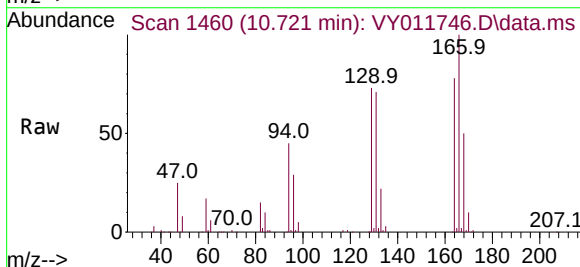
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

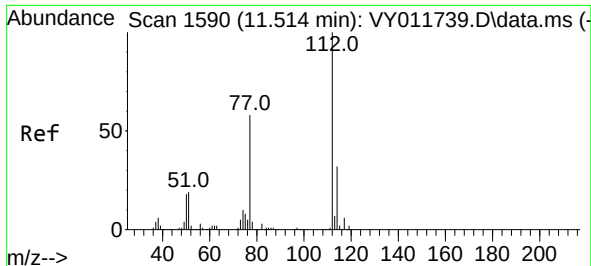
Tgt Ion:117 Resp: 360331
Ion Ratio Lower Upper
117 100
82 54.6 44.8 67.2
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 19.651 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion:164 Resp: 50098
Ion Ratio Lower Upper
164 100
166 128.6 102.3 153.5
129 94.2 77.2 115.8
131 91.4 72.5 108.7

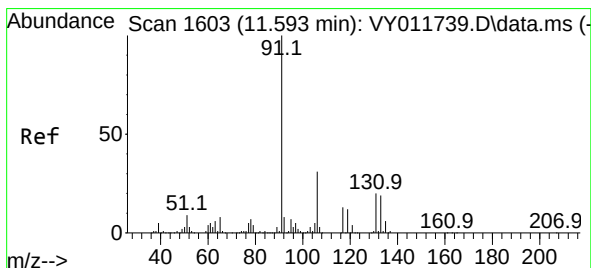
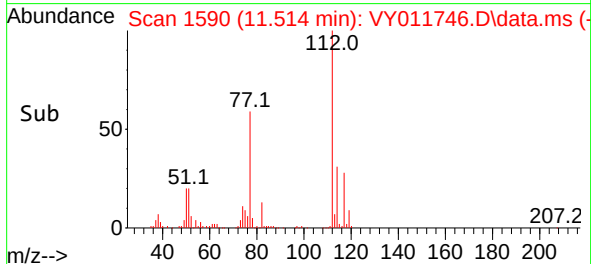
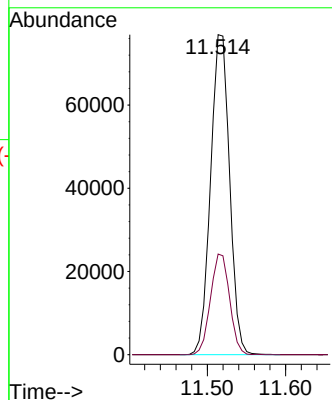
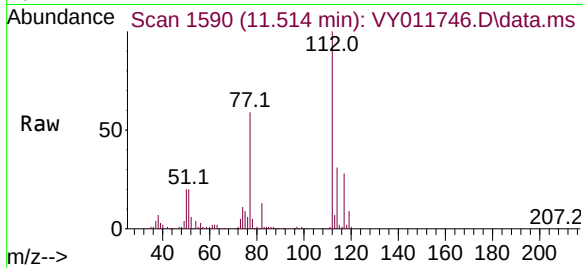




#65
Chlorobenzene
Concen: 19.967 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

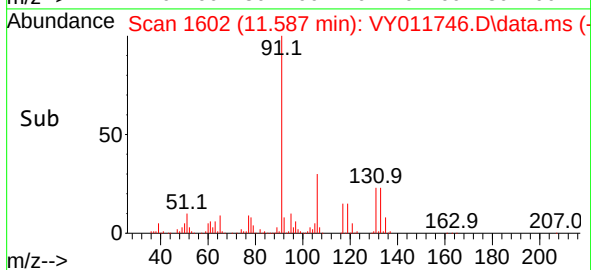
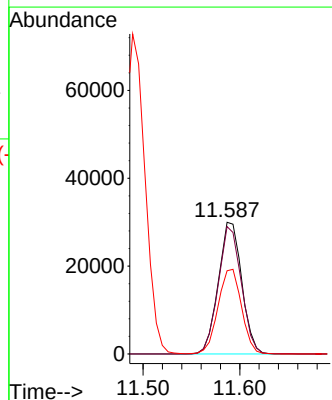
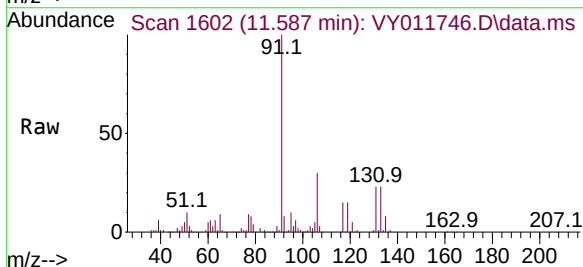
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD01

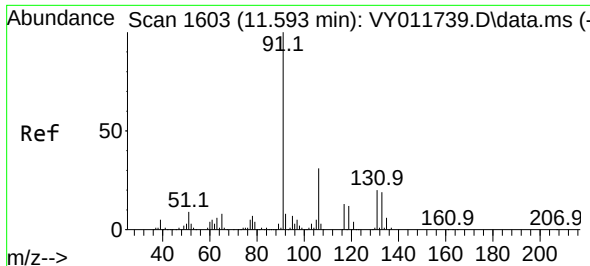
Tgt Ion:112 Resp: 129634
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.022 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion:131 Resp: 50430
Ion Ratio Lower Upper
131 100
133 95.4 47.3 142.0
119 64.5 32.1 96.3





#67

Ethyl Benzene

Concen: 20.257 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

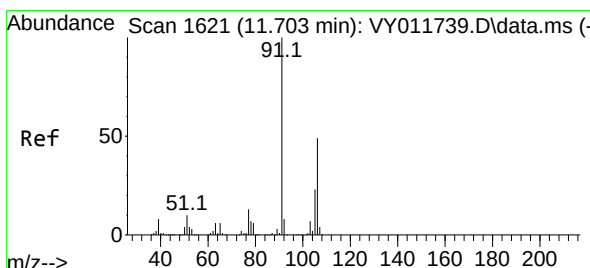
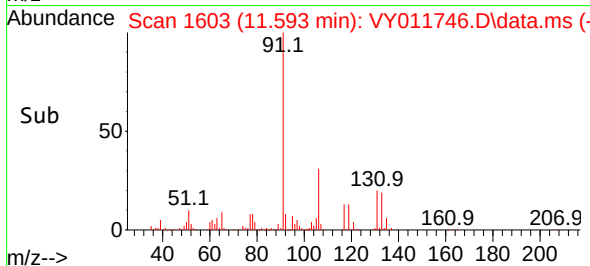
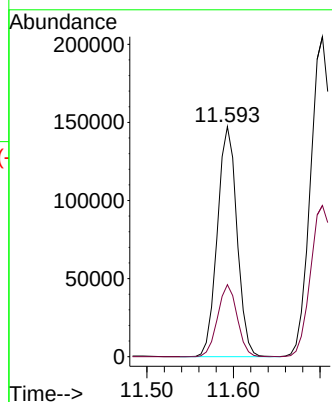
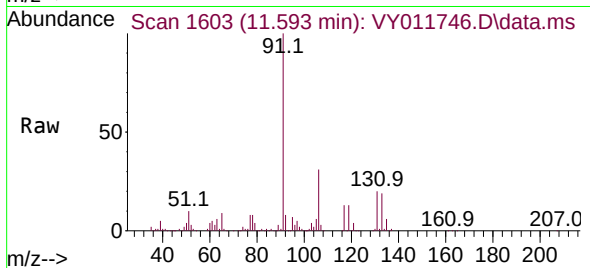
VY1209SBS01

Tgt Ion: 91 Resp: 231746

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.4



#68

m/p-Xylenes

Concen: 40.921 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011746.D

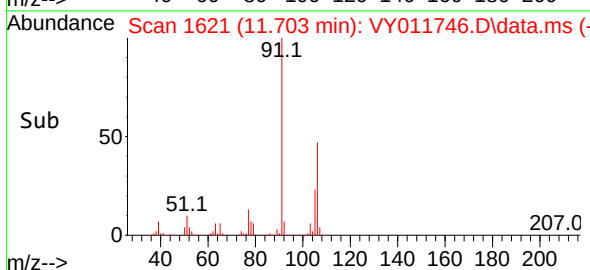
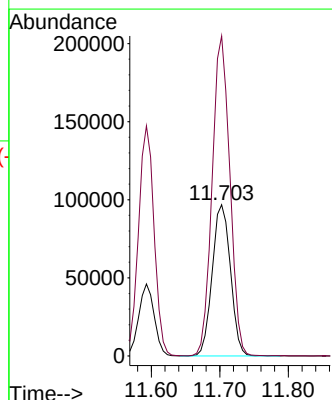
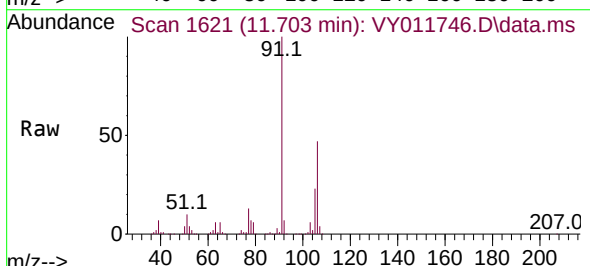
Acq: 09 Dec 2022 16:29

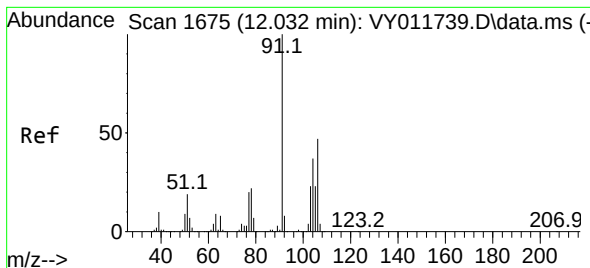
Tgt Ion:106 Resp: 179280

Ion Ratio Lower Upper

106 100

91 204.9 162.5 243.7

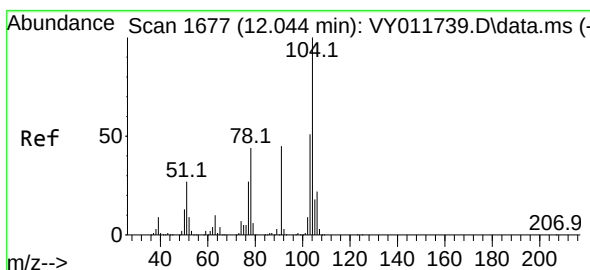
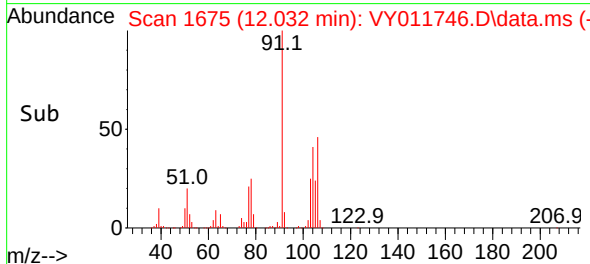
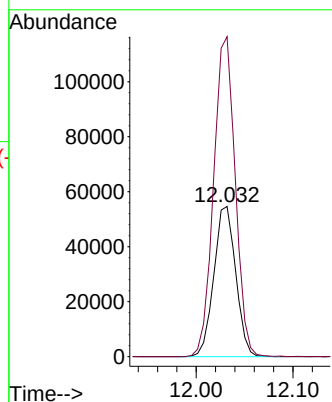
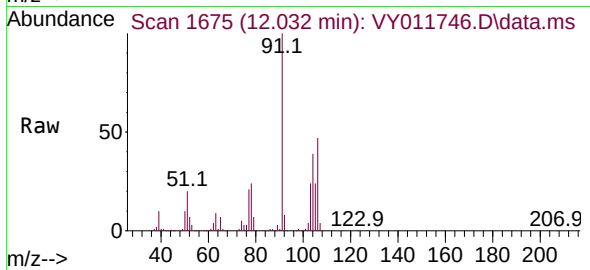




#69
o-Xylene
Concen: 20.541 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

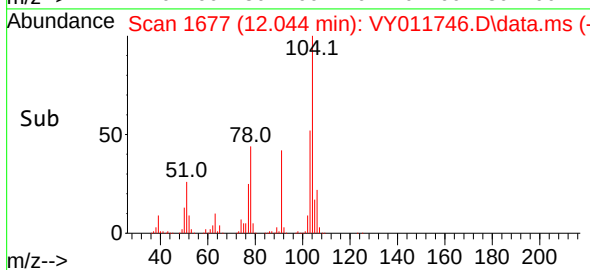
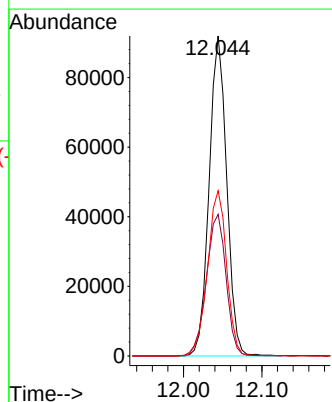
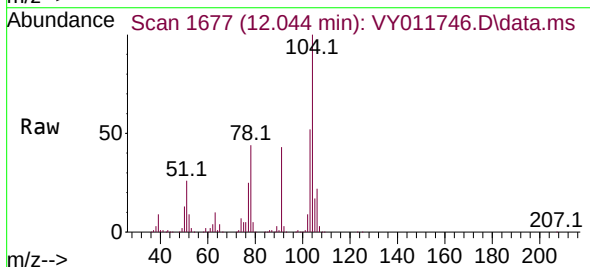
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

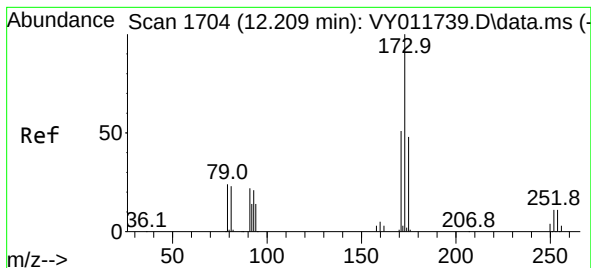
Tgt Ion:106 Resp: 85777
Ion Ratio Lower Upper
106 100
91 210.9 107.5 322.4



#70
Styrene
Concen: 20.074 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion:104 Resp: 143076
Ion Ratio Lower Upper
104 100
78 49.7 39.4 59.0
103 56.1 43.0 64.4





#71

Bromoform

Concen: 19.573 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

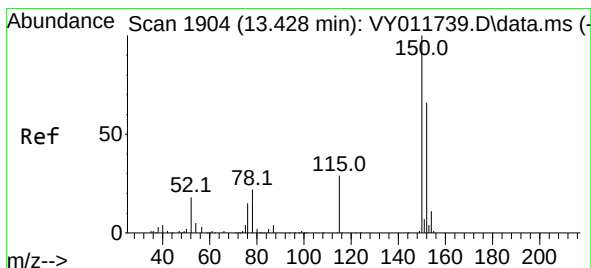
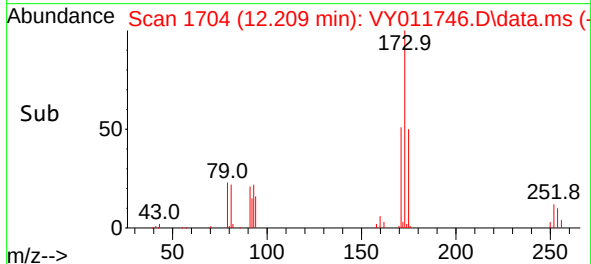
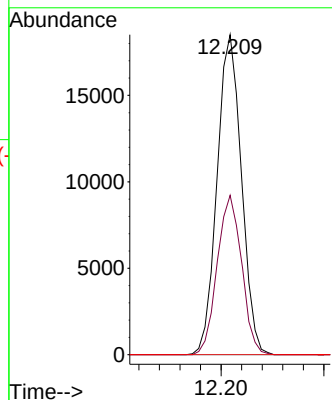
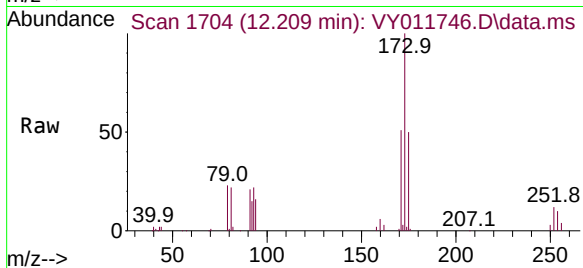
Tgt Ion:173 Resp: 30409

Ion Ratio Lower Upper

173 100

175 49.9 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: VY011746.D

Acq: 09 Dec 2022 16:29

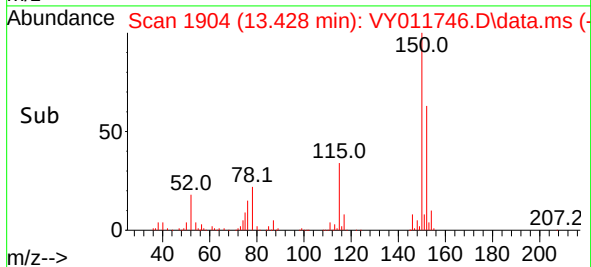
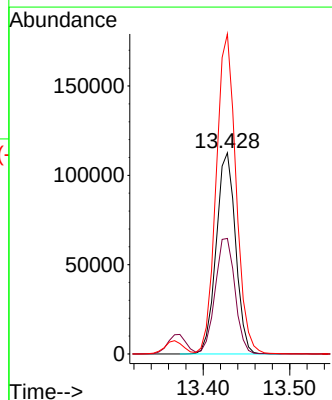
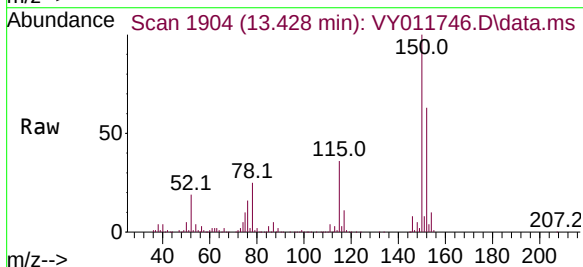
Tgt Ion:152 Resp: 174623

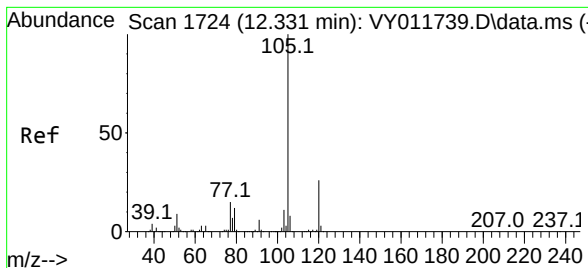
Ion Ratio Lower Upper

152 100

115 59.0 29.1 87.3

150 163.1 0.0 342.6





#73

Isopropylbenzene

Concen: 20.573 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

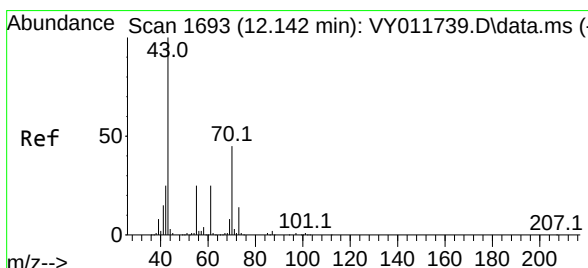
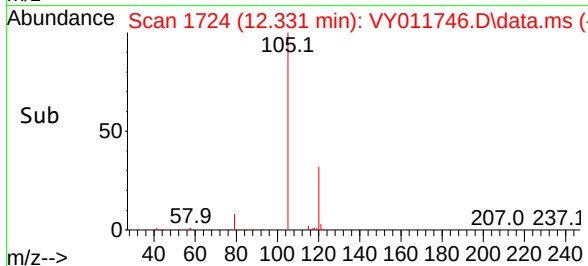
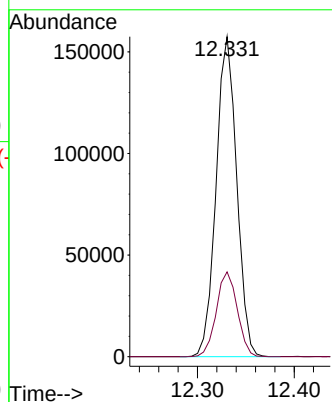
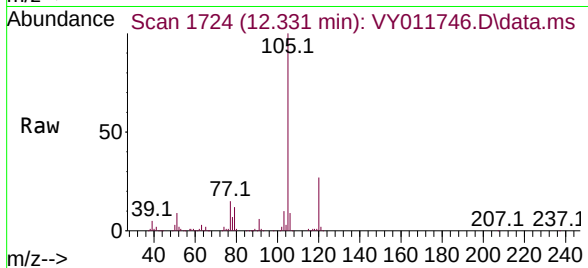
VY1209SBS01

Tgt Ion:105 Resp: 232765

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.6



#74

N-ethyl acetate

Concen: 19.729 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Tgt Ion: 43 Resp: 53668

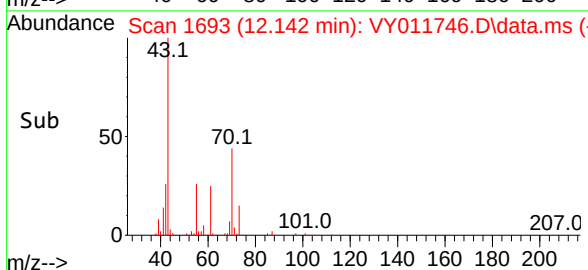
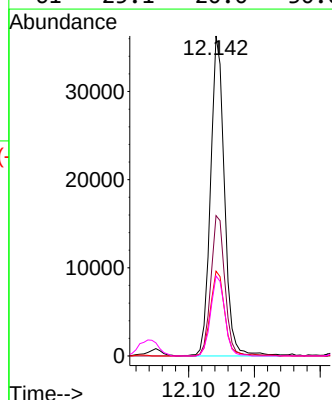
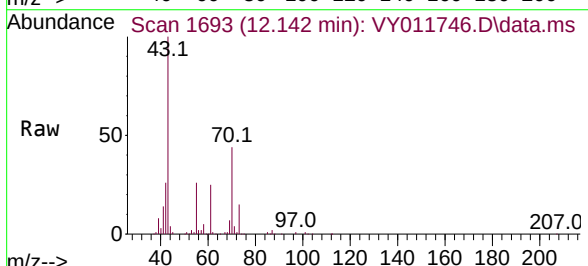
Ion Ratio Lower Upper

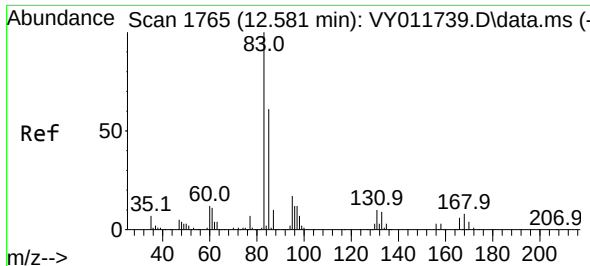
43 100

70 44.2 35.8 53.8

55 27.4 21.0 31.4

61 25.1 20.0 30.0

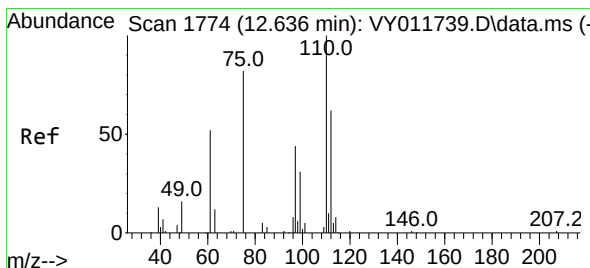
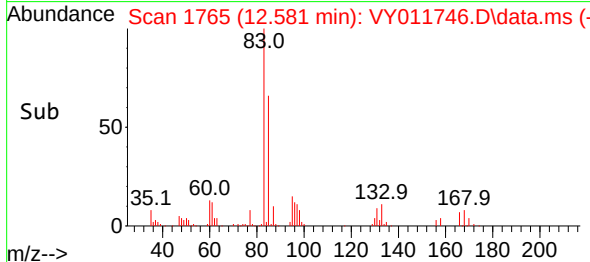
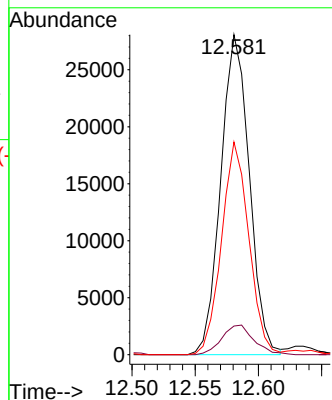
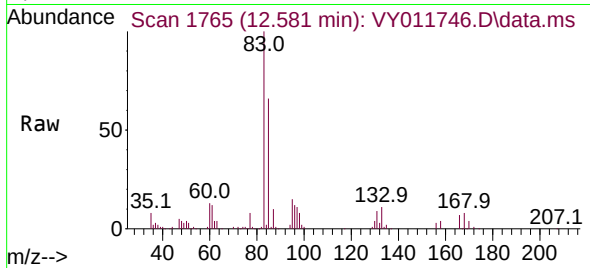




#75
1,1,2,2-Tetrachloroethane
Concen: 20.003 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

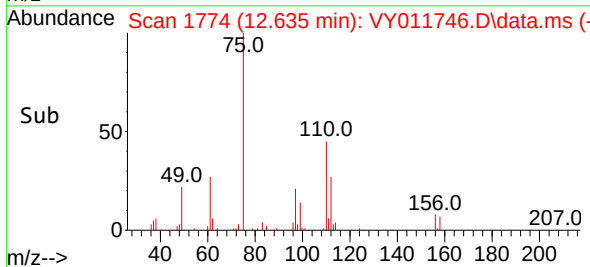
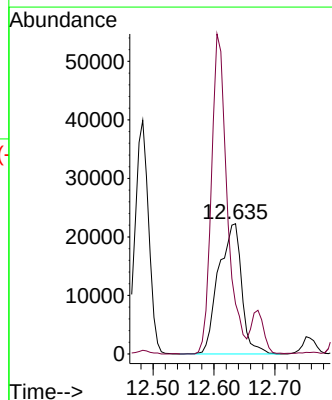
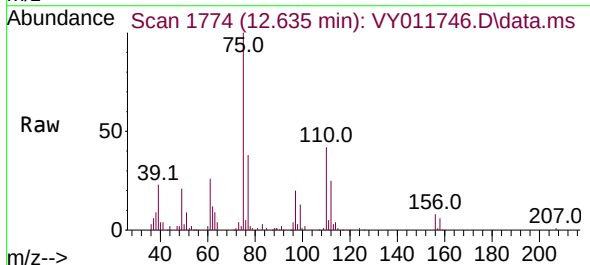
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

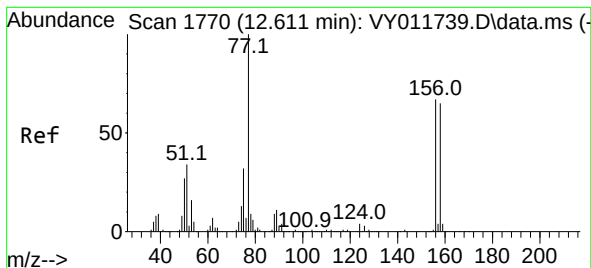
Tgt Ion: 83 Resp: 44075
Ion Ratio Lower Upper
83 100
131 10.4 5.6 16.8
85 63.6 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 33.218 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion: 75 Resp: 58687
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.305 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

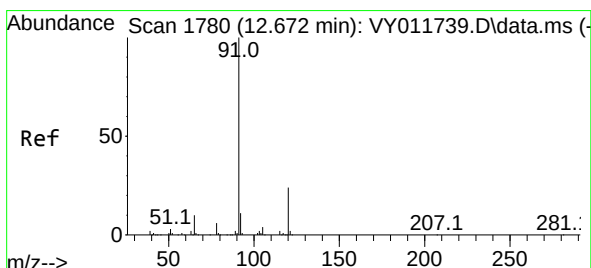
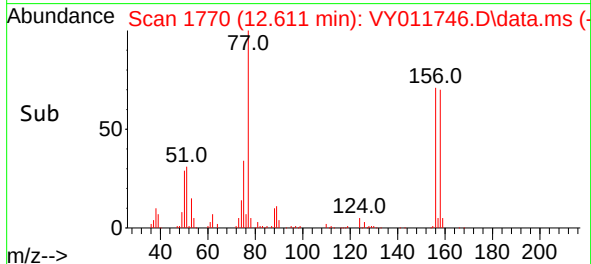
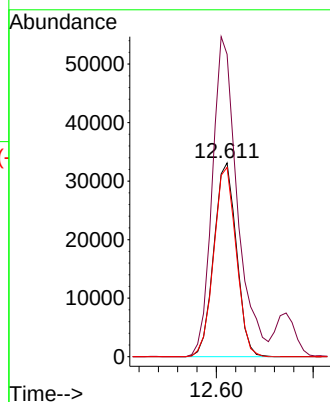
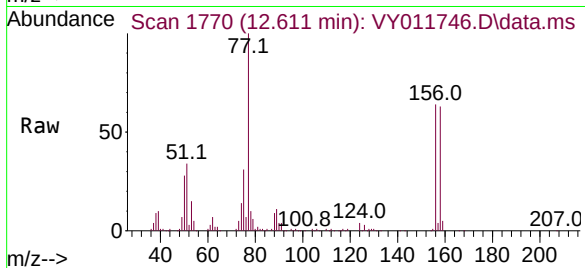
Tgt Ion:156 Resp: 53637

Ion Ratio Lower Upper

156 100

77 183.7 90.0 270.0

158 97.3 48.4 145.2



#78

n-propylbenzene

Concen: 20.774 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY011746.D

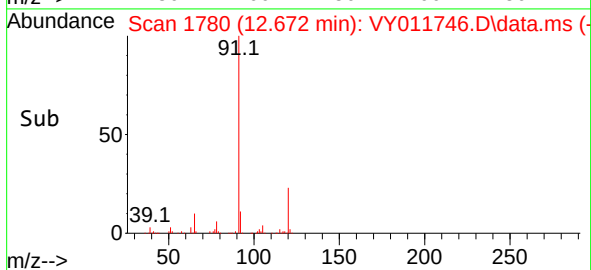
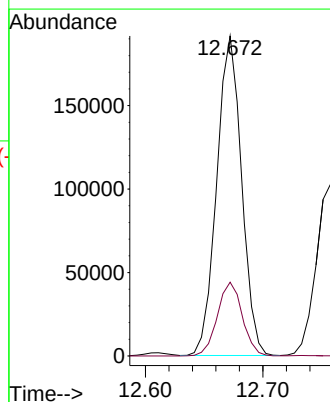
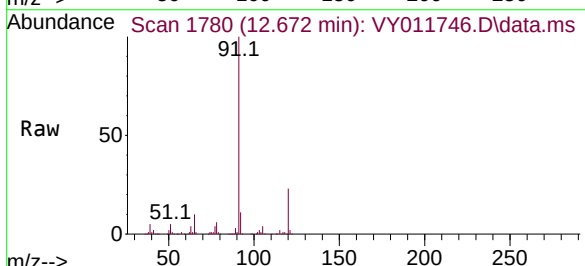
Acq: 09 Dec 2022 16:29

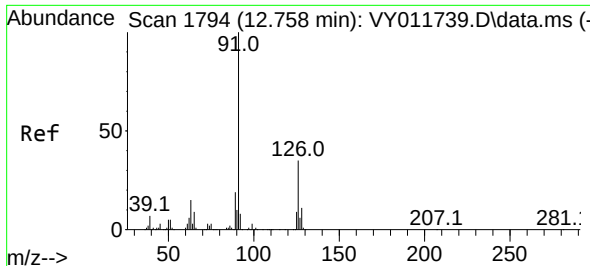
Tgt Ion: 91 Resp: 281658

Ion Ratio Lower Upper

91 100

120 23.2 11.8 35.4





#79

2-Chlorotoluene

Concen: 20.413 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

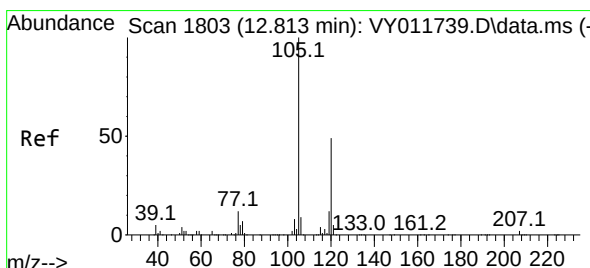
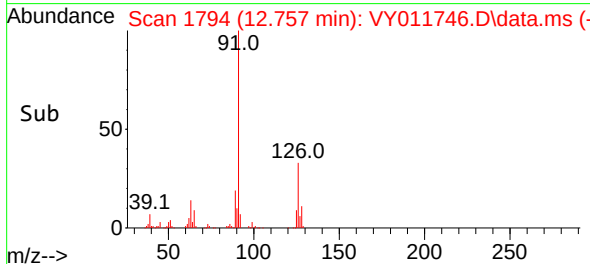
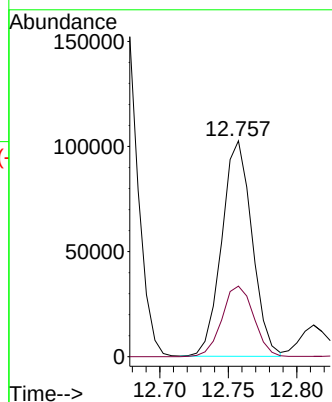
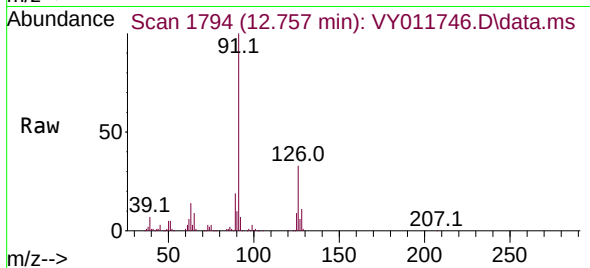
VY1209SBS01

Tgt Ion: 91 Resp: 157959

Ion Ratio Lower Upper

91 100

126 34.4 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 20.618 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY011746.D

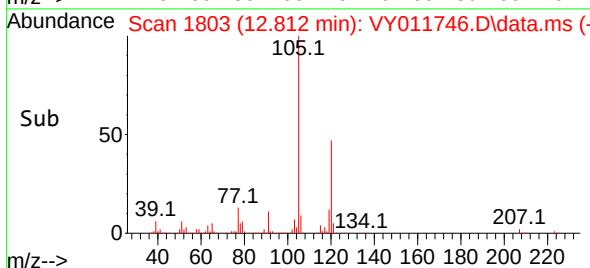
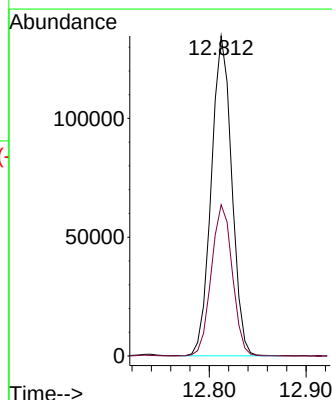
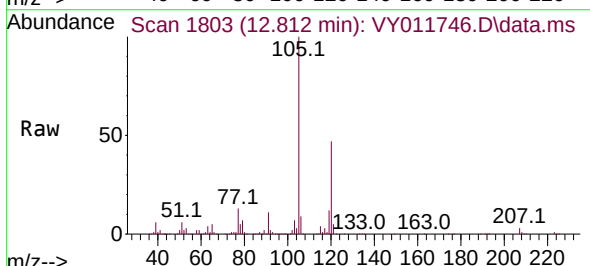
Acq: 09 Dec 2022 16:29

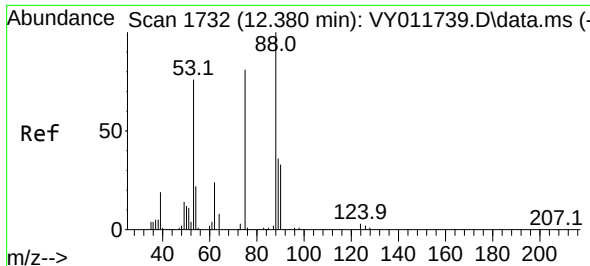
Tgt Ion:105 Resp: 197168

Ion Ratio Lower Upper

105 100

120 48.6 24.2 72.6

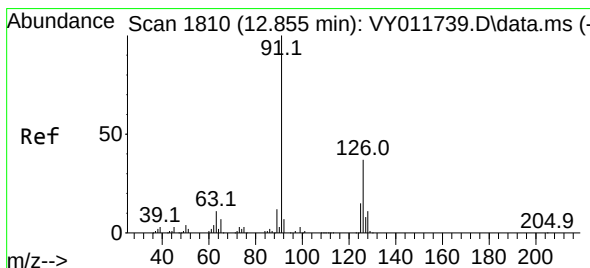
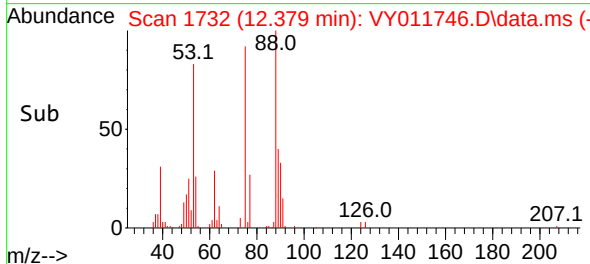
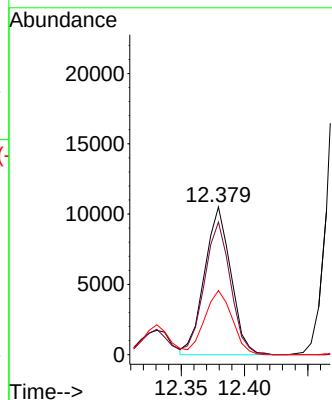
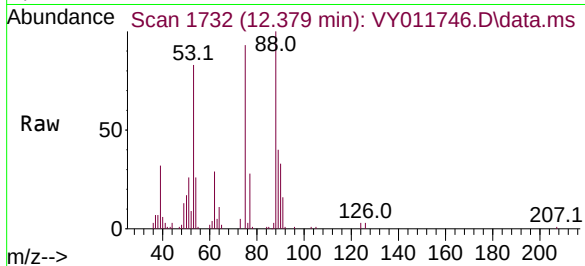




#81
trans-1,4-Dichloro-2-butene
Concen: 19.595 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

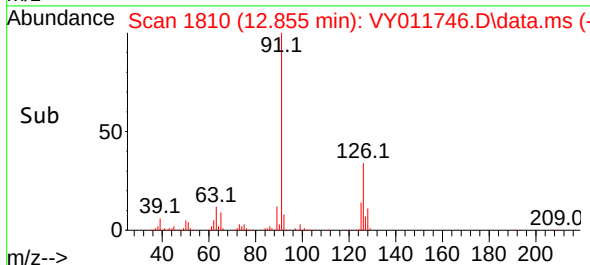
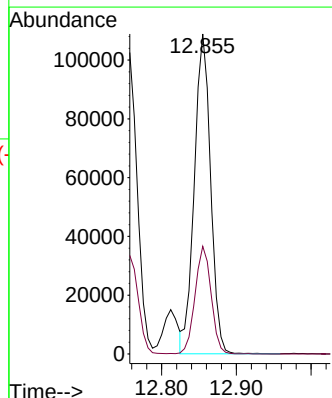
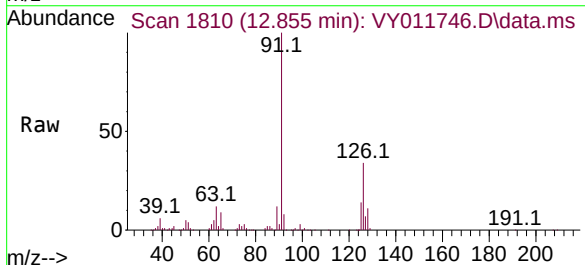
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD01

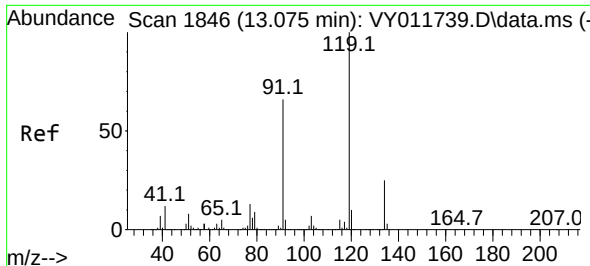
Tgt Ion: 75 Resp: 15256
Ion Ratio Lower Upper
75 100
53 89.4 72.5 108.7
89 44.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.462 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion: 91 Resp: 164229
Ion Ratio Lower Upper
91 100
126 33.4 17.1 51.2

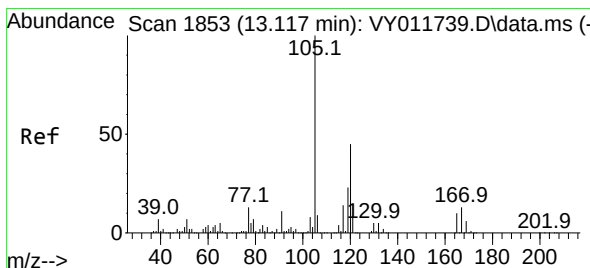
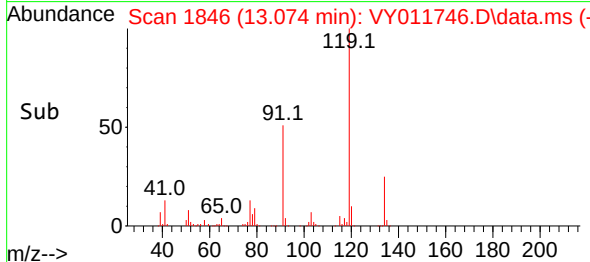
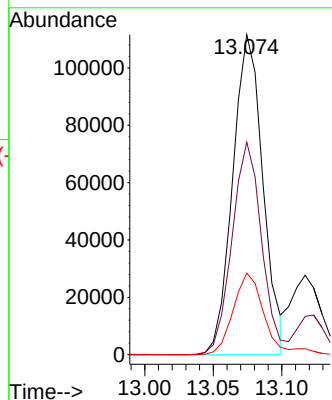
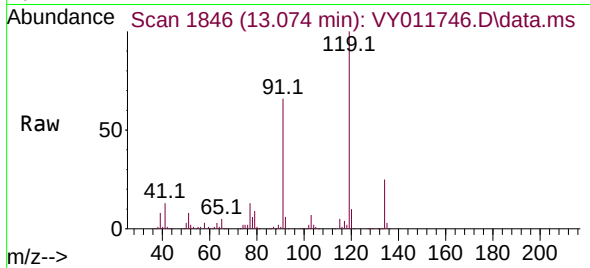




#83
 tert-Butylbenzene
 Concen: 20.562 ug/l
 RT: 13.074 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: VY011746.D
 Acq: 09 Dec 2022 16:29

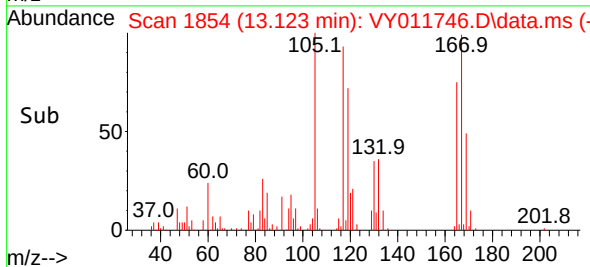
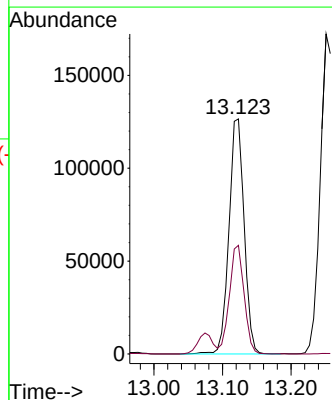
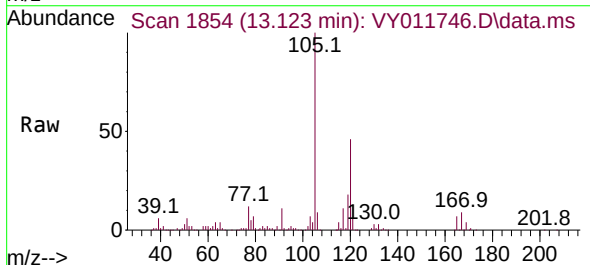
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

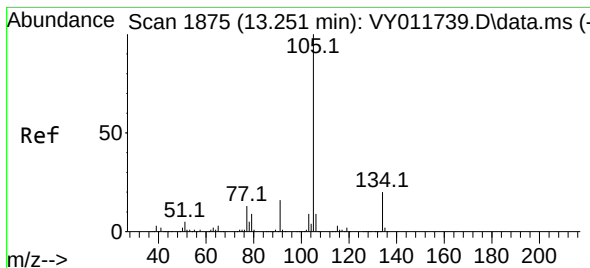
Tgt Ion:119 Resp: 171217
 Ion Ratio Lower Upper
 119 100
 91 65.6 32.3 96.8
 134 26.3 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.689 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: VY011746.D
 Acq: 09 Dec 2022 16:29

Tgt Ion:105 Resp: 194803
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.9 68.7





#85

sec-Butylbenzene

Concen: 20.597 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

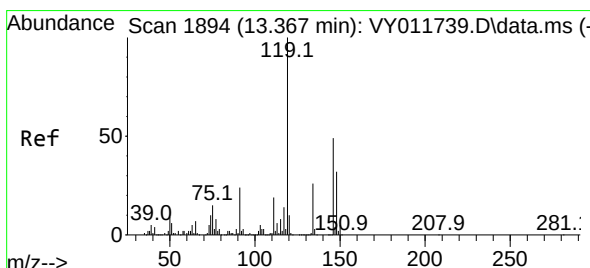
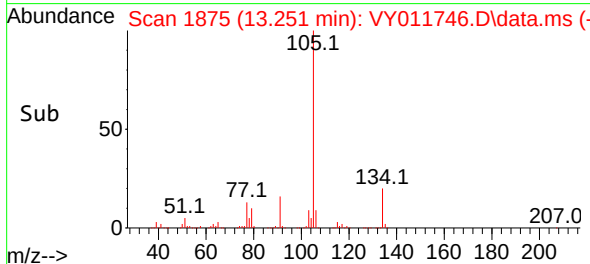
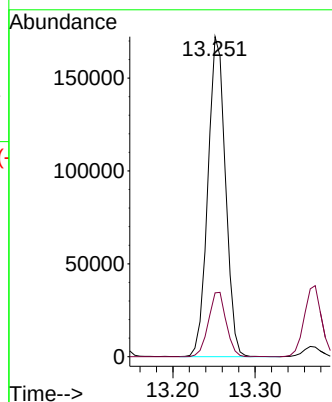
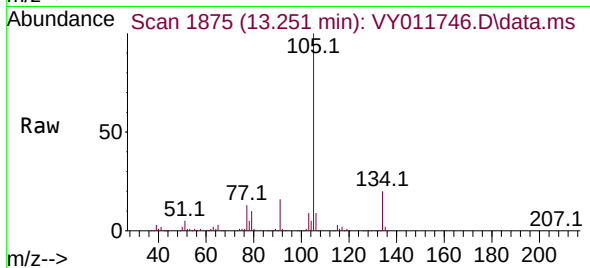
VY1209SBS01

Tgt Ion:105 Resp: 255421

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.3



#86

p-Isopropyltoluene

Concen: 20.546 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

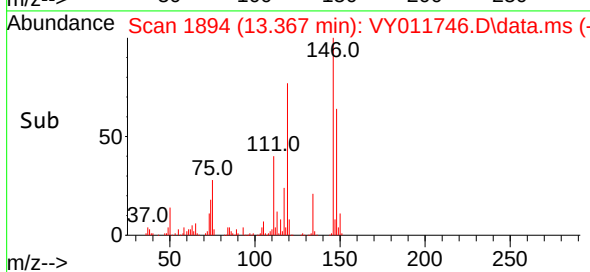
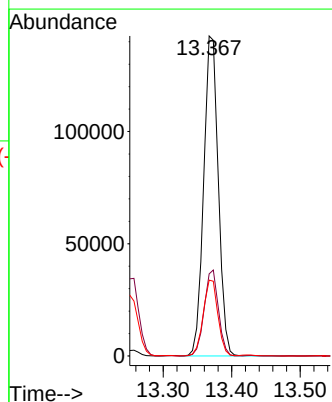
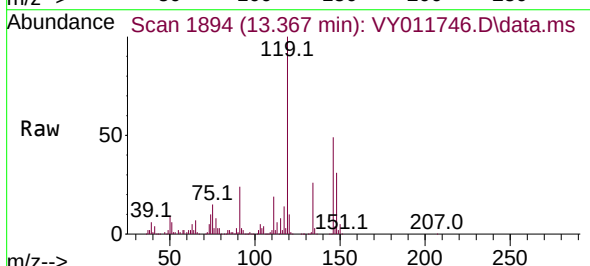
Tgt Ion:119 Resp: 212060

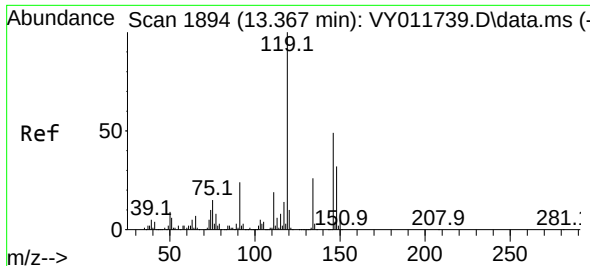
Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 23.7 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 20.224 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

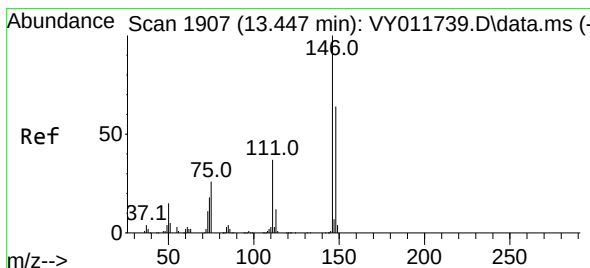
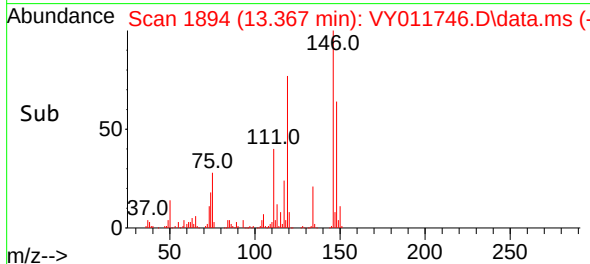
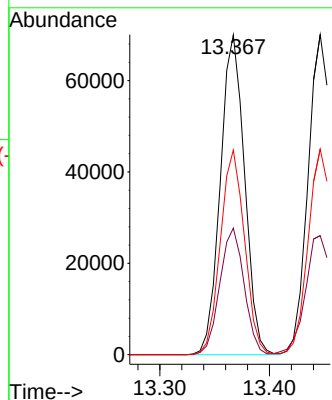
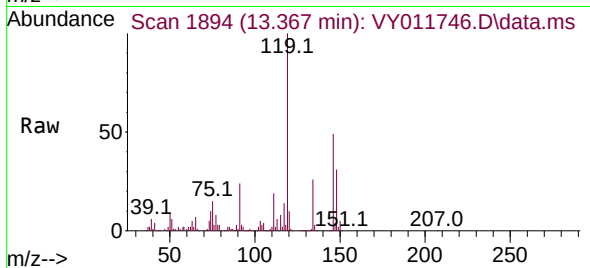
Tgt Ion:146 Resp: 107511

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.0

148 63.8 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 20.343 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

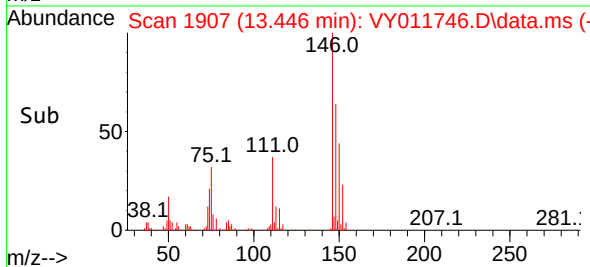
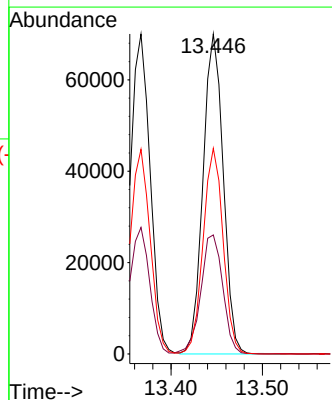
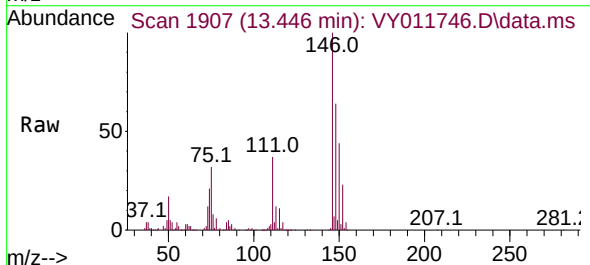
Tgt Ion:146 Resp: 107480

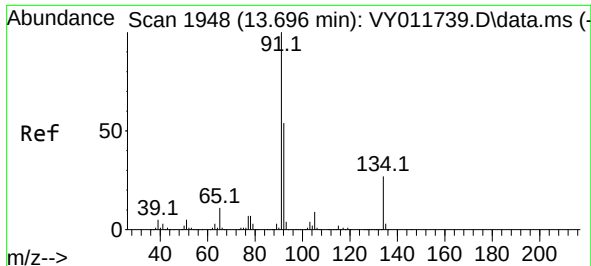
Ion Ratio Lower Upper

146 100

111 40.4 19.6 58.7

148 63.6 31.9 95.7

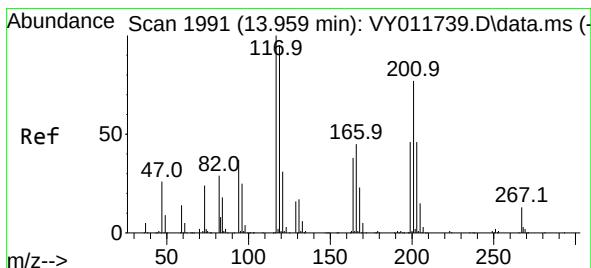
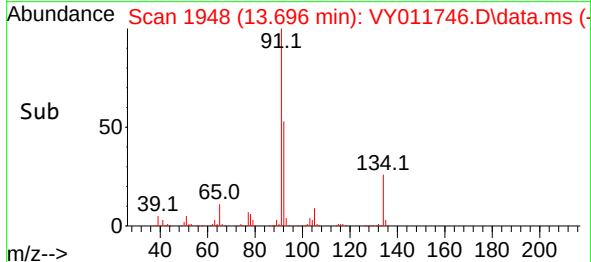
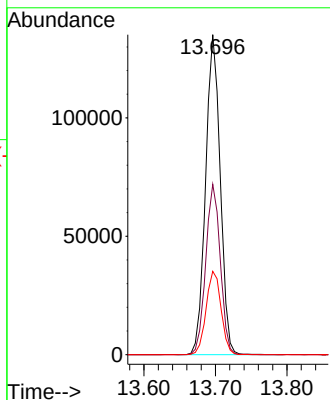
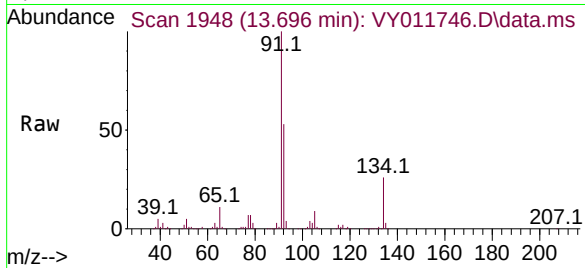




#89
n-Butylbenzene
Concen: 20.480 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

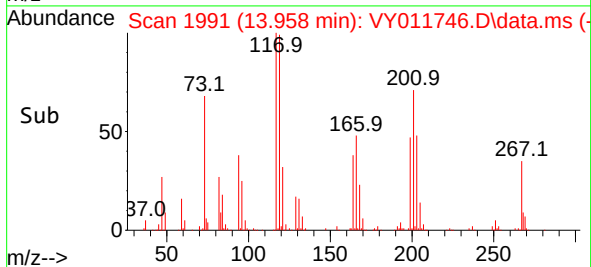
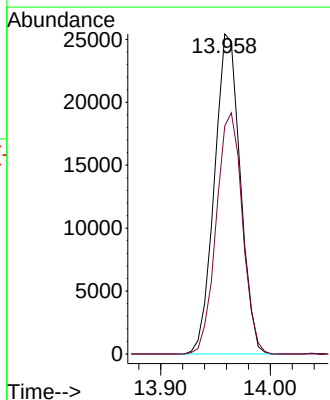
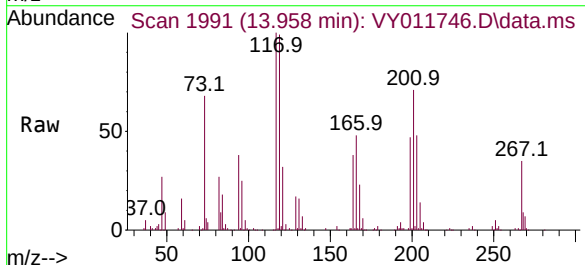
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

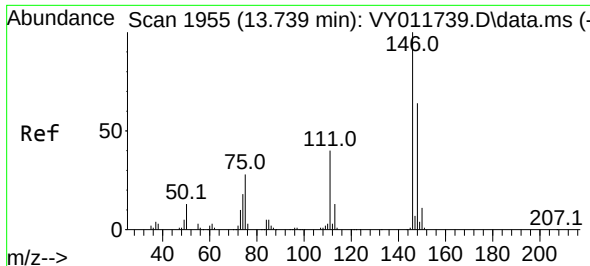
Tgt Ion: 91 Resp: 192156
Ion Ratio Lower Upper
91 100
92 53.1 26.8 80.4
134 26.7 13.3 39.8



#90
Hexachloroethane
Concen: 20.291 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion: 117 Resp: 41616
Ion Ratio Lower Upper
117 100
201 76.1 40.3 120.8

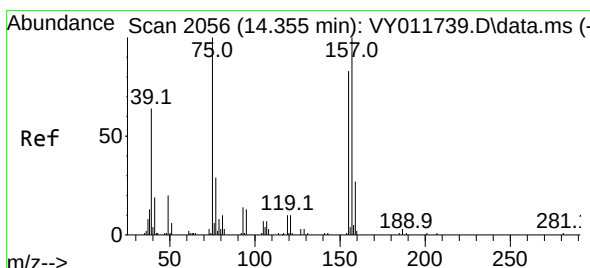
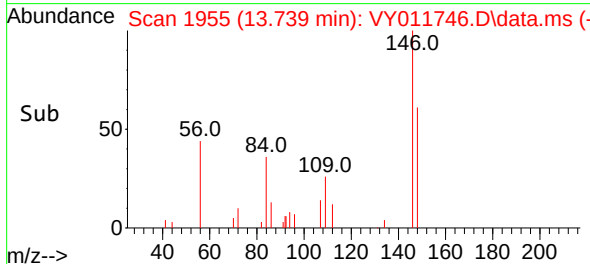
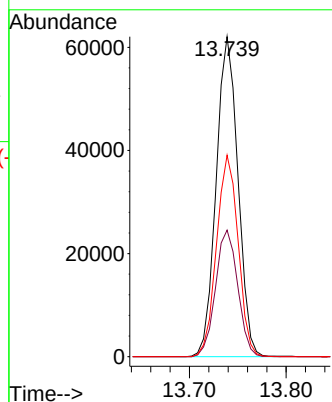
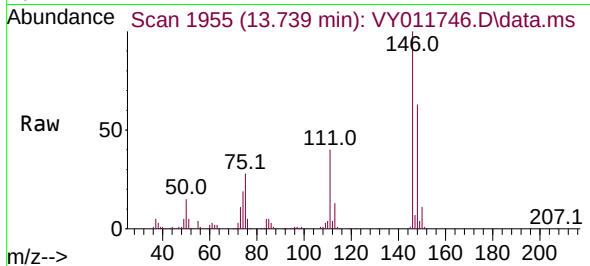




#91
1,2-Dichlorobenzene
Concen: 20.272 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

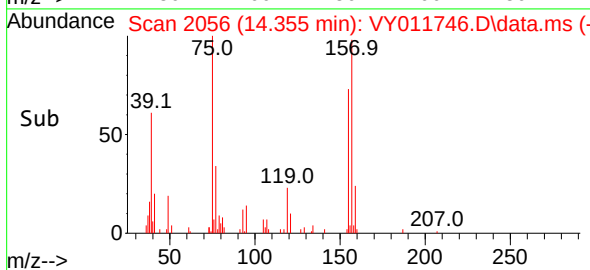
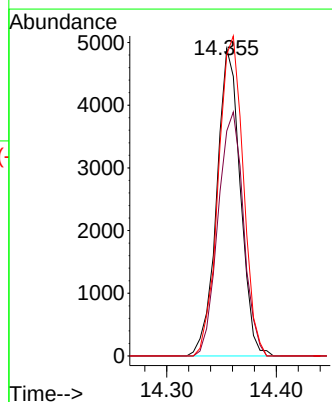
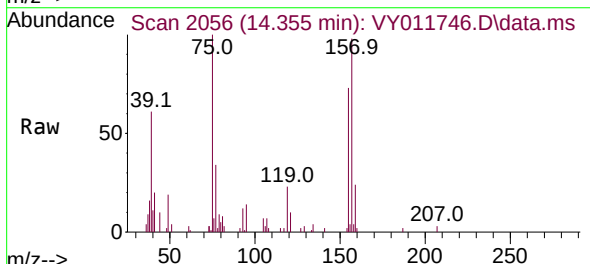
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

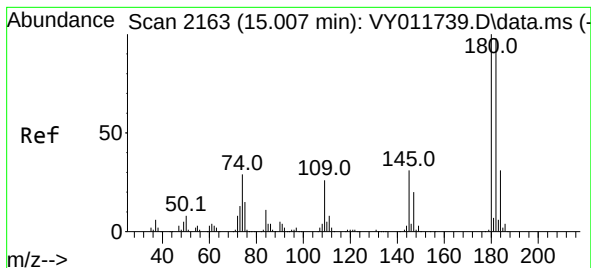
Tgt Ion:146 Resp: 96975
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.8
148 62.4 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.099 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY011746.D
Acq: 09 Dec 2022 16:29

Tgt Ion: 75 Resp: 7337
Ion Ratio Lower Upper
75 100
155 85.1 42.3 126.8
157 109.7 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 20.201 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

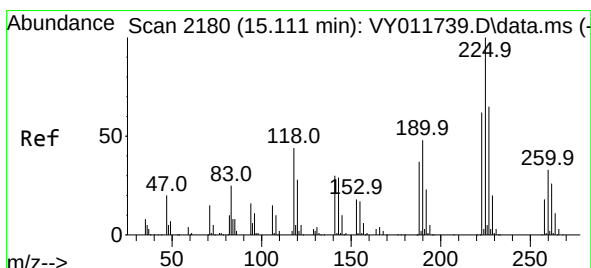
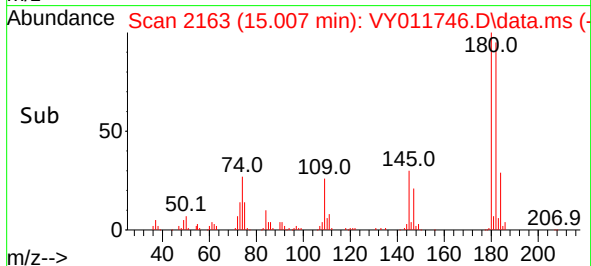
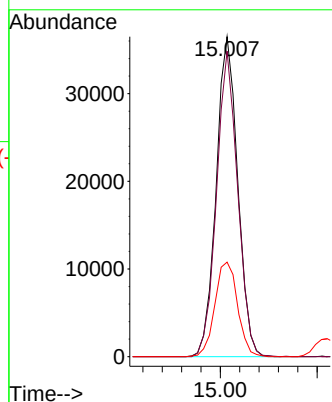
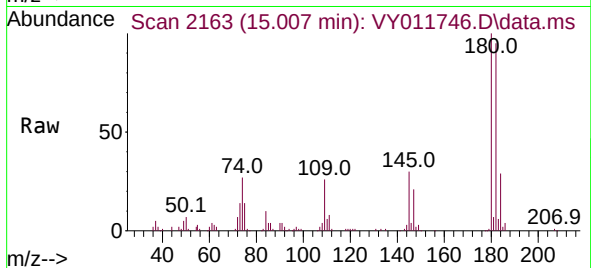
Tgt Ion:180 Resp: 56364

Ion Ratio Lower Upper

180 100

182 93.6 48.1 144.3

145 31.2 15.4 46.4



#94

Hexachlorobutadiene

Concen: 20.170 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

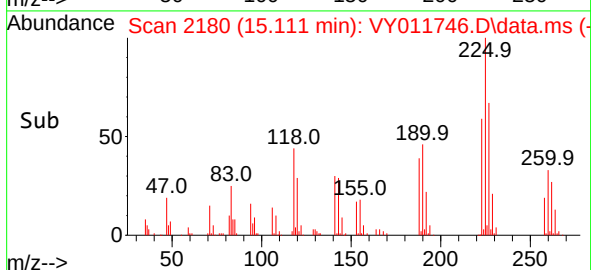
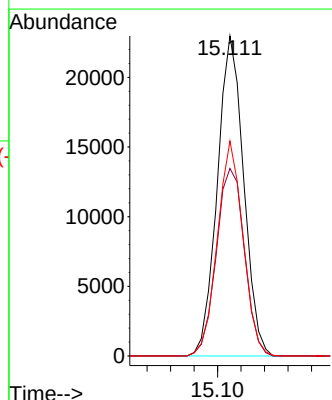
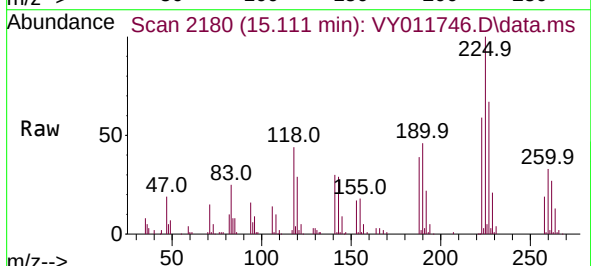
Tgt Ion:225 Resp: 35756

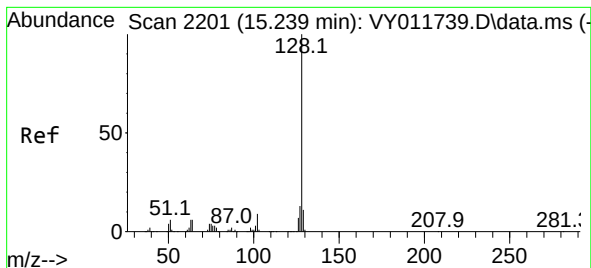
Ion Ratio Lower Upper

225 100

223 62.3 31.4 94.2

227 65.5 32.6 97.8





#95

Naphthalene

Concen: 19.391 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

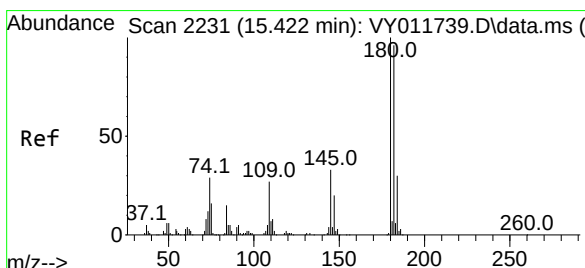
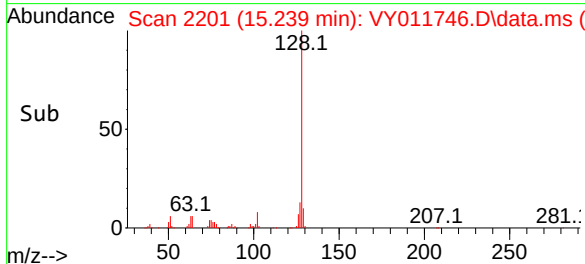
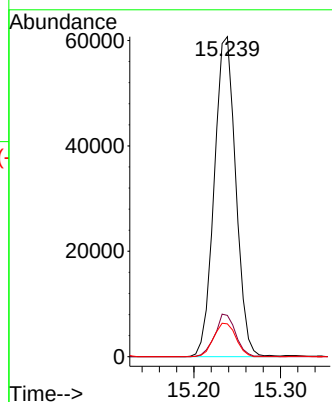
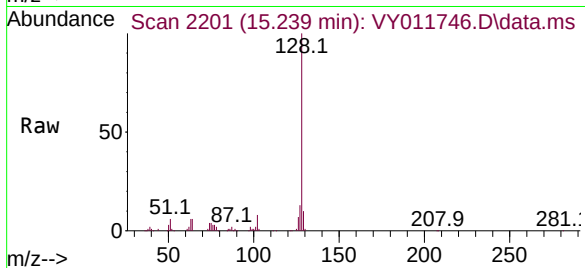
Tgt Ion:128 Resp: 104788

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.431 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY011746.D

Acq: 09 Dec 2022 16:29

Tgt Ion:180 Resp: 46829

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.7

145 32.5 16.1 48.2

