

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122922\
 Data File : VY012024.D
 Acq On : 29 Dec 2022 13:40
 Operator : KP/MD
 Sample : VY1229SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1229SBS01

Quant Time: Dec 30 03:57:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	185987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	285621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	258692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136923	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	94192	50.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.540%	
35) Dibromofluoromethane	7.722	113	85080	49.479	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.960%	
50) Toluene-d8	10.179	98	339803	48.707	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.420%	
62) 4-Bromofluorobenzene	12.483	95	120820	51.493	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	38928	27.415	ug/l	96
3) Chloromethane	2.113	50	36377	21.976	ug/l	98
4) Vinyl Chloride	2.253	62	40839	22.372	ug/l	99
5) Bromomethane	2.649	94	30443	23.441	ug/l	99
6) Chloroethane	2.790	64	26590	22.284	ug/l	99
7) Trichlorofluoromethane	3.125	101	75237	23.544	ug/l	100
8) Diethyl Ether	3.527	74	21082	21.381	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	38869	22.095	ug/l	96
10) Methyl Iodide	4.094	142	53154	21.839	ug/l	96
11) Tert butyl alcohol	4.948	59	17010	66.594	ug/l	99
12) 1,1-Dichloroethene	3.869	96	38703	21.995	ug/l	96
13) Acrolein	3.728	56	17318	98.870	ug/l	99
14) Allyl chloride	4.478	41	52494	20.258	ug/l	92
15) Acrylonitrile	5.167	53	47269	103.059	ug/l	97
16) Acetone	3.948	43	43391	80.925	ug/l	100
17) Carbon Disulfide	4.198	76	124948	22.260	ug/l	100
18) Methyl Acetate	4.478	43	24873	19.210	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	102299	22.658	ug/l	94
20) Methylene Chloride	4.716	84	49617	19.316	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	44278	22.146	ug/l	93
22) Diisopropyl ether	6.118	45	107211	21.007	ug/l	97
23) Vinyl Acetate	6.063	43	311115	105.955	ug/l	94
24) 1,1-Dichloroethane	6.021	63	69630	20.989	ug/l	96
25) 2-Butanone	6.984	43	56892	91.148	ug/l	91
26) 2,2-Dichloropropane	6.984	77	71728	22.096	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	47847	22.126	ug/l	96
28) Bromochloromethane	7.331	49	16731	18.379	ug/l	88
29) Tetrahydrofuran	7.350	42	34528	97.636	ug/l	89
30) Chloroform	7.508	83	78990	22.091	ug/l	94
31) Cyclohexane	7.789	56	65116	20.643	ug/l	91
32) 1,1,1-Trichloroethane	7.703	97	76756	22.569	ug/l	99
36) 1,1-Dichloropropene	7.917	75	57729	20.930	ug/l	96
37) Ethyl Acetate	7.069	43	25420	20.542	ug/l #	96
38) Carbon Tetrachloride	7.898	117	72736	22.834	ug/l	97
39) Methylcyclohexane	9.185	83	70816	21.338	ug/l	95
40) Benzene	8.161	78	172008	21.792	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	34042	56.889	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	51855	22.820	ug/l	99
43) Isopropyl Acetate	8.276	43	46613	20.625	ug/l	95
44) Trichloroethene	8.941	130	49666	22.324	ug/l	93
45) 1,2-Dichloropropane	9.215	63	37448	20.534	ug/l	98
46) Dibromomethane	9.307	93	23222	22.105	ug/l	96
47) Bromodichloromethane	9.496	83	58420	21.920	ug/l	95
48) Methyl methacrylate	9.295	41	21001	20.069	ug/l	92
49) 1,4-Dioxane	9.295	88	5784	461.155	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	120938	100.356	ug/l	97
52) Toluene	10.246	92	113531	22.575	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	59771	22.195	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	66283	21.897	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	32613	21.877	ug/l	97
56) Ethyl methacrylate	10.514	69	41105	21.778	ug/l	96
57) 1,3-Dichloropropane	10.788	76	55079	22.140	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	73528	100.956	ug/l	93
59) 2-Hexanone	10.831	43	85572	96.521	ug/l	97
60) Dibromochloromethane	10.983	129	42358	22.555	ug/l	99
61) 1,2-Dibromoethane	11.087	107	30918	22.168	ug/l	100
64) Tetrachloroethene	10.721	164	52167	23.038	ug/l	98
65) Chlorobenzene	11.514	112	118420	22.047	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	45563	22.799	ug/l	98
67) Ethyl Benzene	11.593	91	217528	22.404	ug/l	99
68) m/p-Xylenes	11.703	106	173523	45.954	ug/l	99
69) o-Xylene	12.032	106	81540	23.208	ug/l	98
70) Styrene	12.044	104	137490	23.307	ug/l	99
71) Bromoform	12.209	173	27150	22.927	ug/l #	99
73) Isopropylbenzene	12.331	105	218817	21.536	ug/l	99
74) N-amyl acetate	12.142	43	41425	19.887	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	33857	19.974	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	49328	28.952	ug/l #	100
77) Bromobenzene	12.611	156	51858	22.061	ug/l	93
78) n-propylbenzene	12.672	91	259051	21.211	ug/l	99
79) 2-Chlorotoluene	12.757	91	148089	21.571	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	190872	21.942	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	12313	19.791	ug/l	97
82) 4-Chlorotoluene	12.855	91	152313	21.443	ug/l	98
83) tert-Butylbenzene	13.074	119	161221	21.868	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	188729	22.053	ug/l	99
85) sec-Butylbenzene	13.251	105	237148	21.541	ug/l	99
86) p-Isopropyltoluene	13.367	119	203908	21.951	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	103838	21.965	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	101684	21.636	ug/l	99
89) n-Butylbenzene	13.696	91	181249	21.554	ug/l	99
90) Hexachloroethane	13.958	117	37626	21.229	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	91902	22.299	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6267	21.514	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	57114	23.558	ug/l	99
94) Hexachlorobutadiene	15.111	225	36071	23.026	ug/l	98
95) Naphthalene	15.232	128	106291	22.685	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	49096	23.952	ug/l	100

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

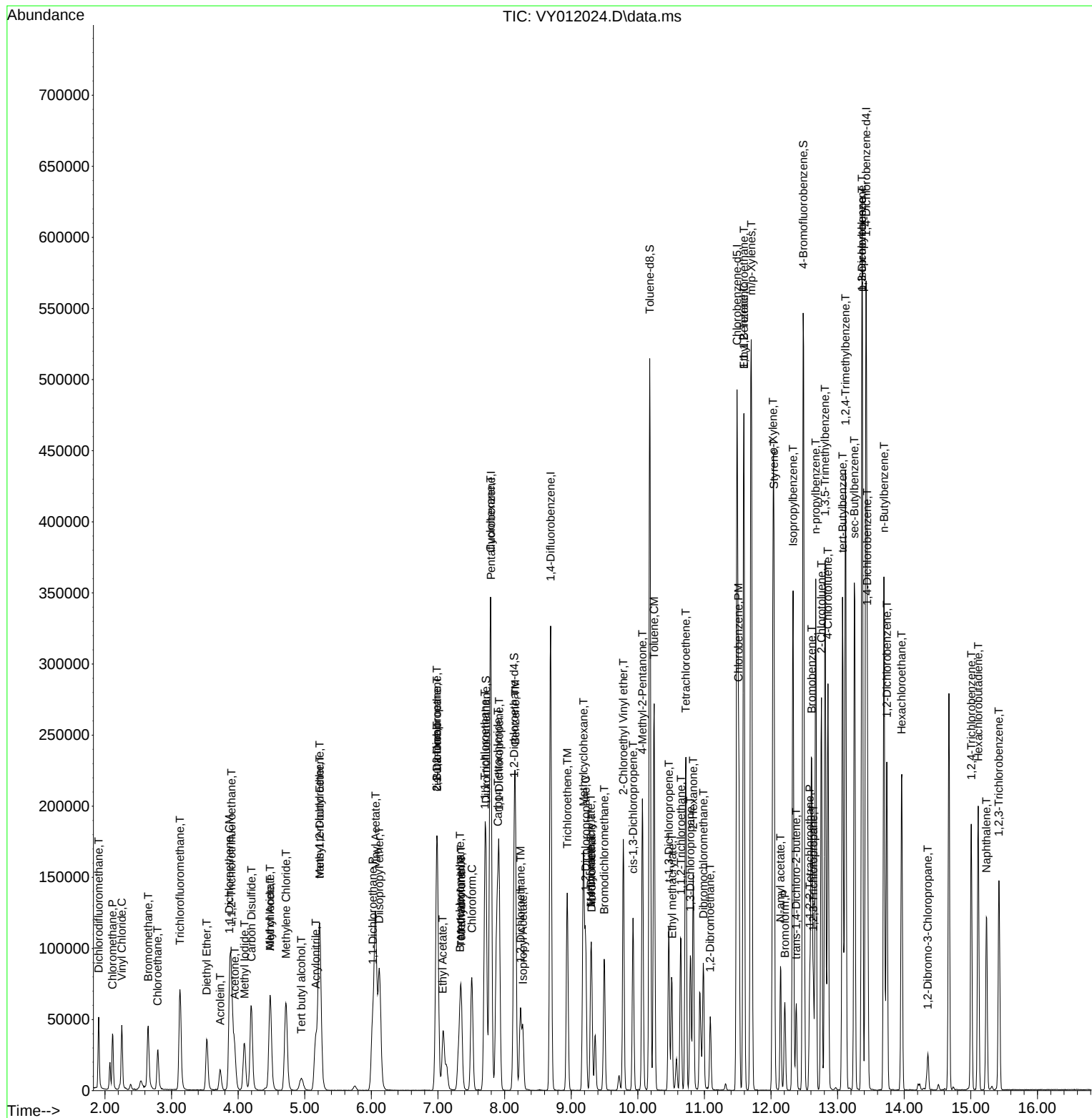
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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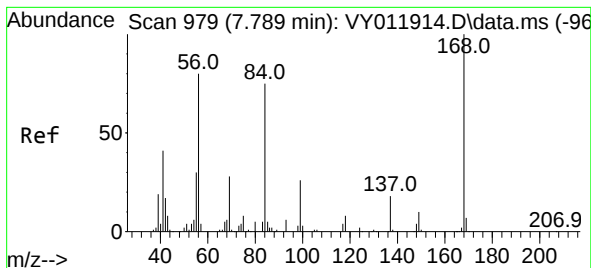
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Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY012024.D

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Instrument :

MSVOA_Y

ClientSampleId :

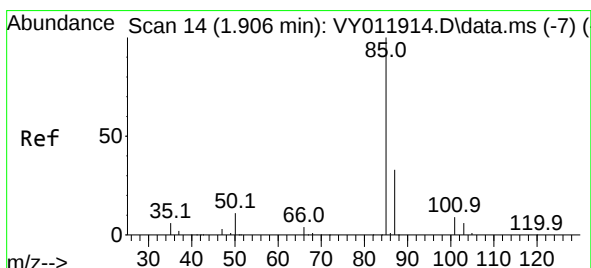
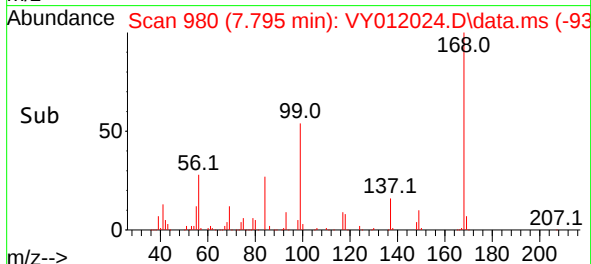
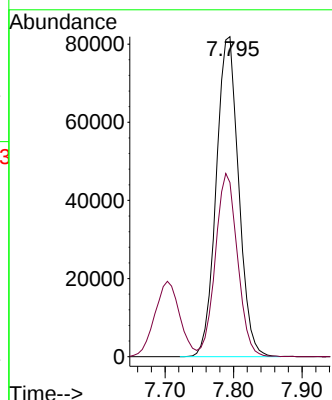
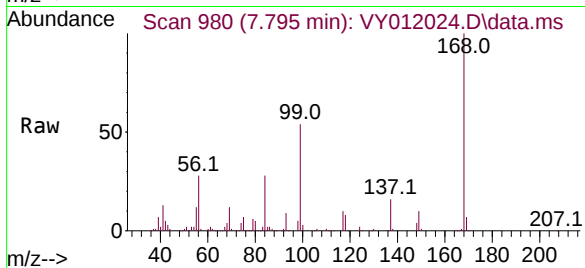
VY1229SBS01

Tgt Ion:168 Resp: 185987

Ion Ratio Lower Upper

168 100

99 54.3 44.0 66.0



#2

Dichlorodifluoromethane

Concen: 27.415 ug/l

RT: 1.906 min Scan# 14

Delta R.T. -0.000 min

Lab File: VY012024.D

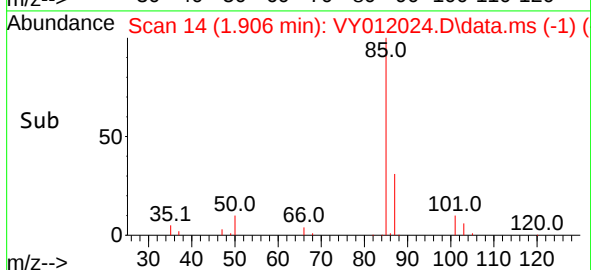
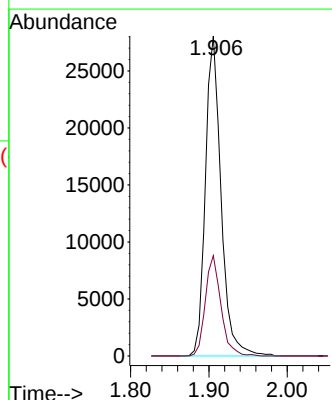
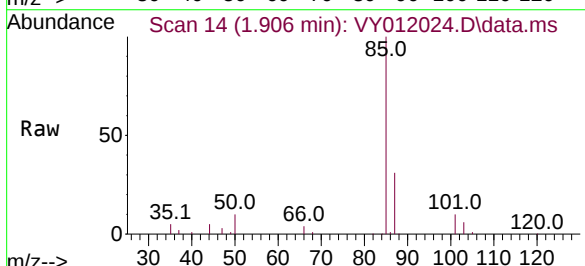
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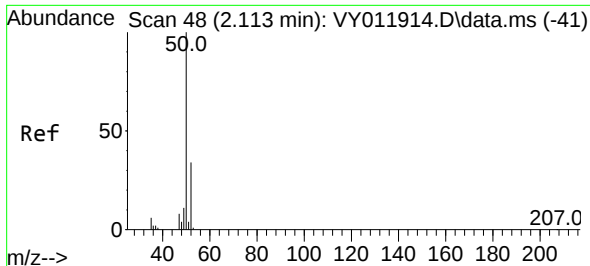
Tgt Ion: 85 Resp: 38928

Ion Ratio Lower Upper

85 100

87 31.4 16.8 50.4

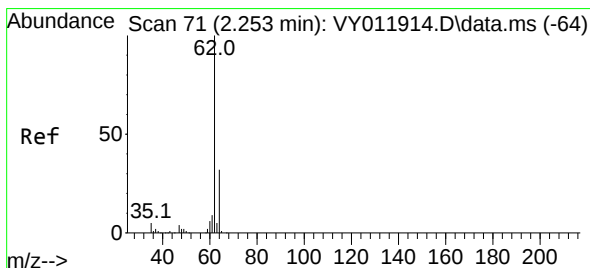
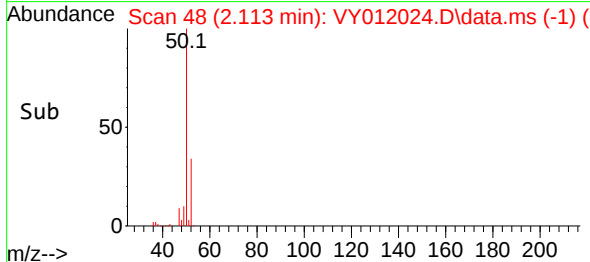
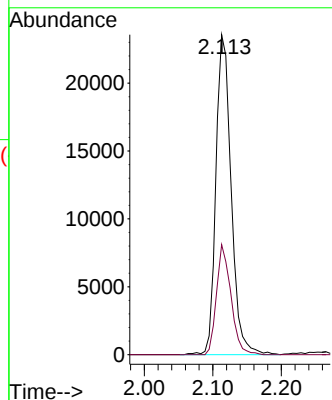
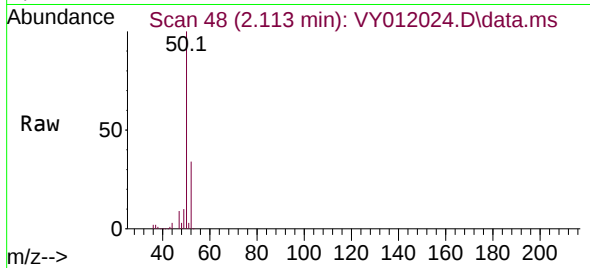




#3
Chloromethane
Concen: 21.976 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

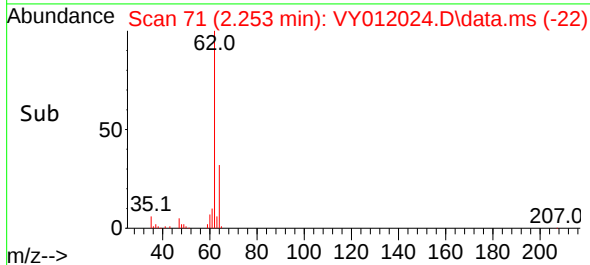
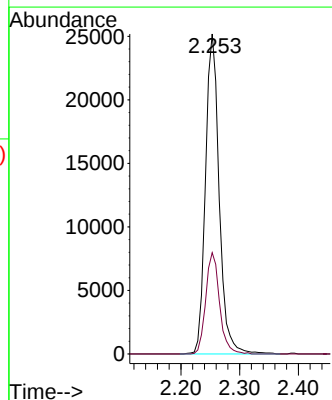
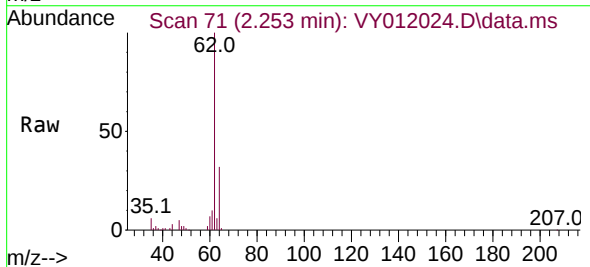
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

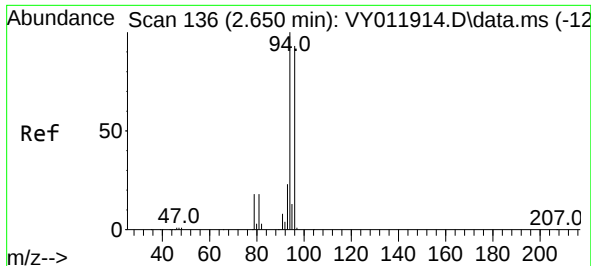
Tgt Ion: 50 Resp: 36377
Ion Ratio Lower Upper
50 100
52 34.4 26.8 40.2



#4
Vinyl Chloride
Concen: 22.372 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion: 62 Resp: 40839
Ion Ratio Lower Upper
62 100
64 31.6 25.0 37.6

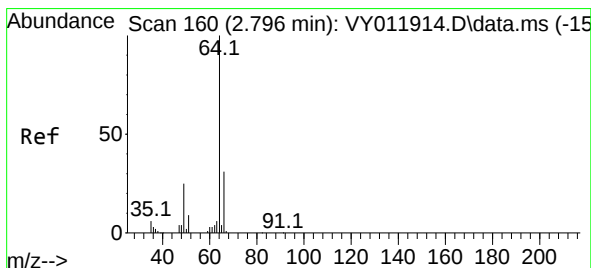
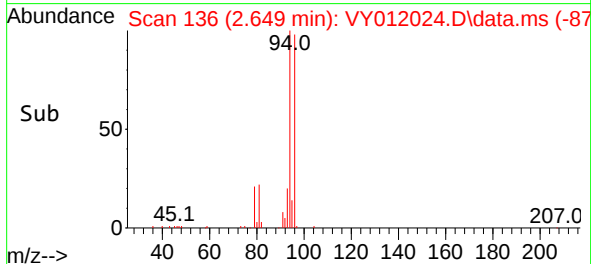
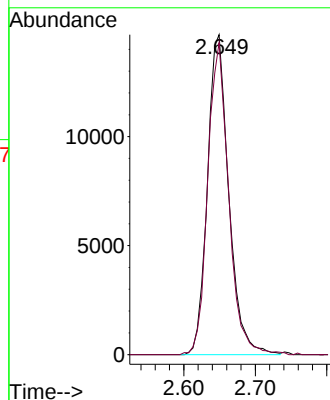
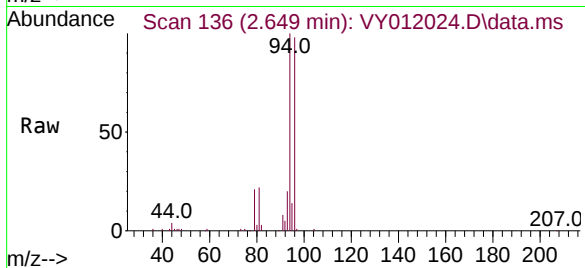




#5
Bromomethane
Concen: 23.441 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

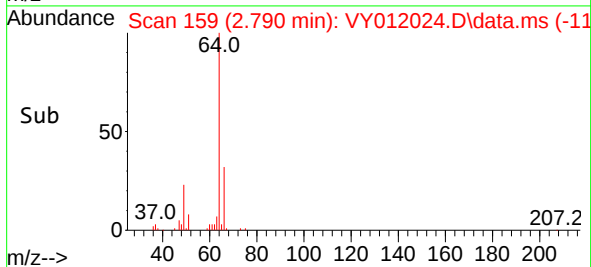
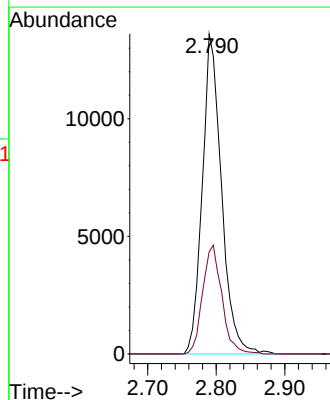
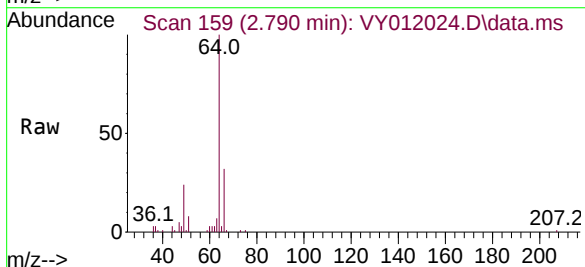
Instrument :
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VY1229SBSD01

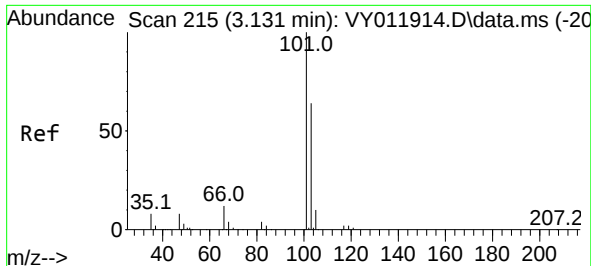
Tgt Ion: 94 Resp: 30443
Ion Ratio Lower Upper
94 100
96 97.5 77.4 116.2



#6
Chloroethane
Concen: 22.284 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion: 64 Resp: 26590
Ion Ratio Lower Upper
64 100
66 31.9 25.0 37.4

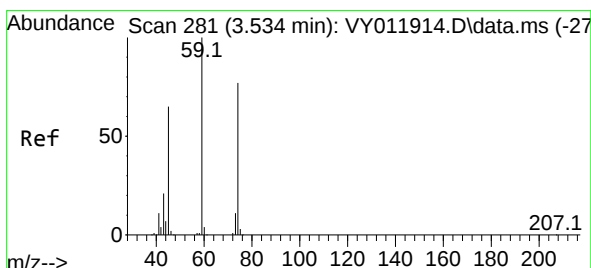
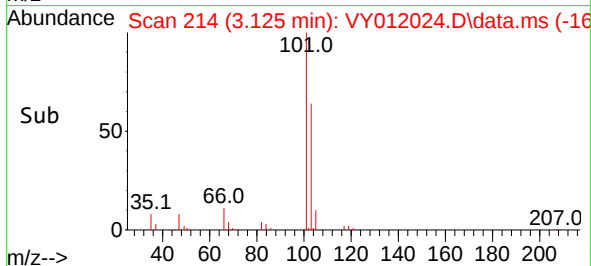
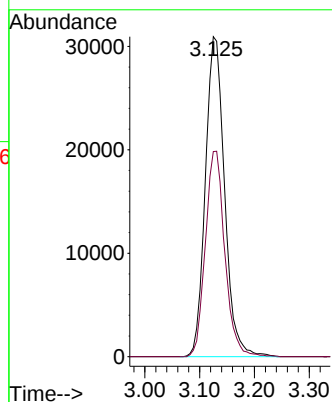
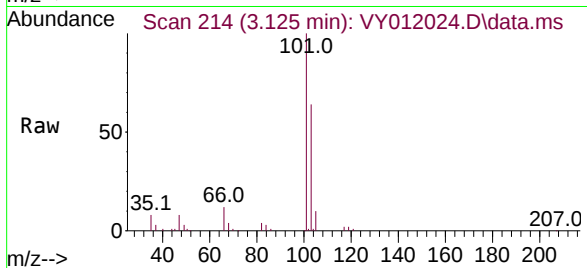




#7
Trichlorofluoromethane
Concen: 23.544 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

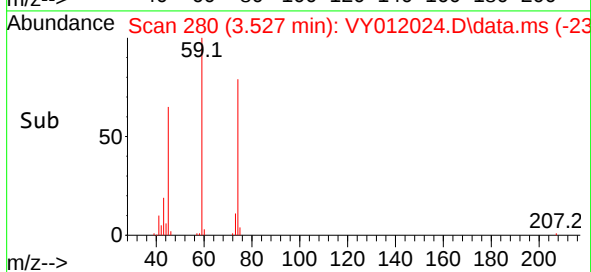
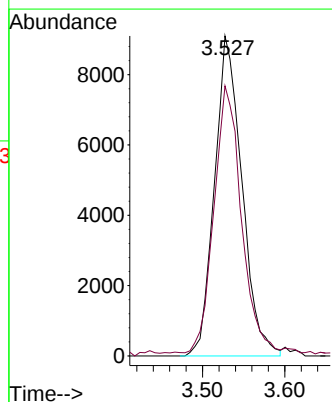
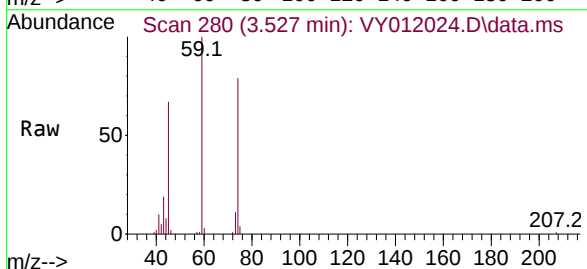
Instrument :
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ClientSampleId :
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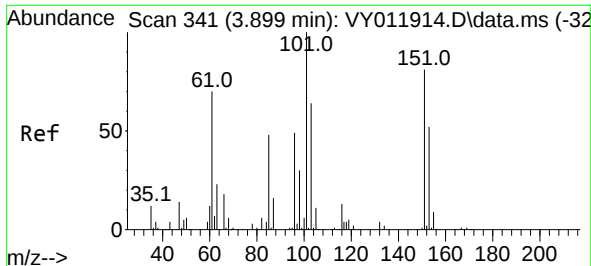
Tgt Ion:101 Resp: 75237
Ion Ratio Lower Upper
101 100
103 64.1 51.0 76.6



#8
Diethyl Ether
Concen: 21.381 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion: 74 Resp: 21082
Ion Ratio Lower Upper
74 100
45 83.0 46.8 140.3

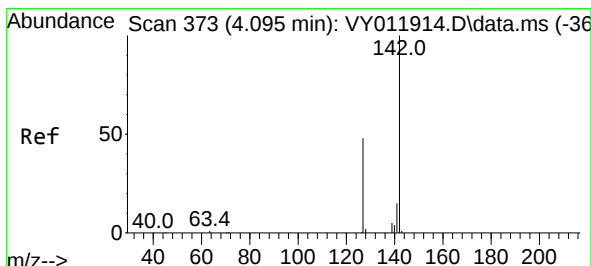
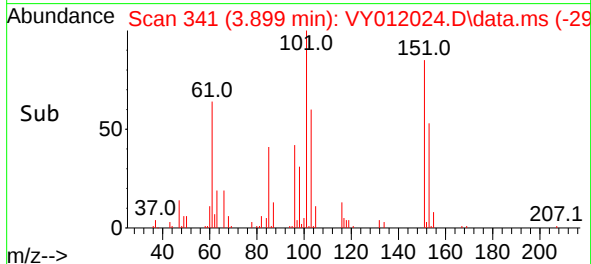
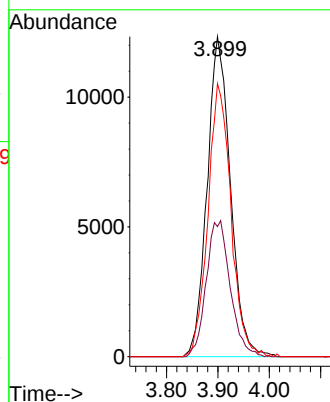
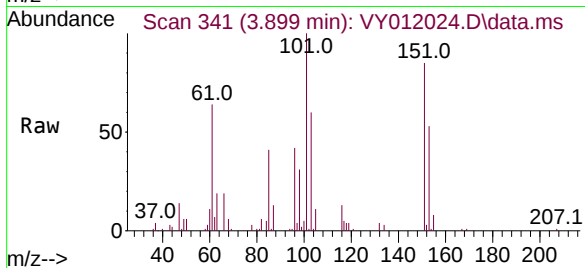




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.095 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

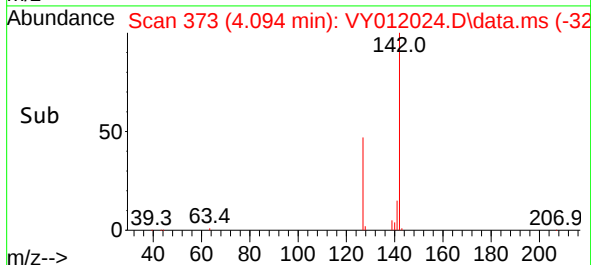
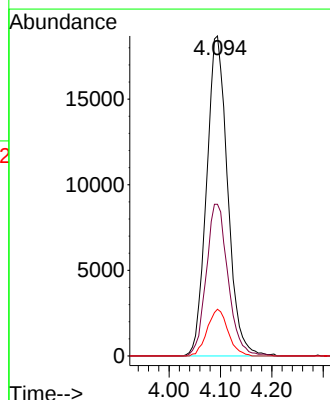
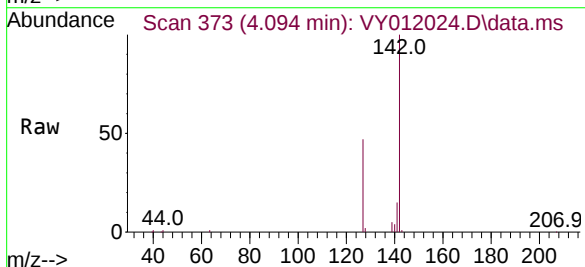
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

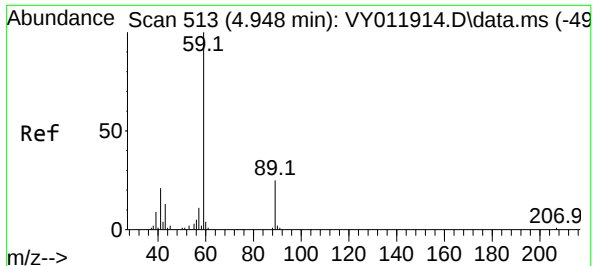
Tgt Ion:	101	Resp:	38869
Ion	Ratio	Lower	Upper
101	100		
85	43.8	36.2	54.2
151	84.2	64.2	96.2



#10
Methyl Iodide
Concen: 21.839 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion:	142	Resp:	53154
Ion	Ratio	Lower	Upper
142	100		
127	49.2	37.0	55.4
141	14.5	11.4	17.0





#11

Tert butyl alcohol

Concen: 66.594 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

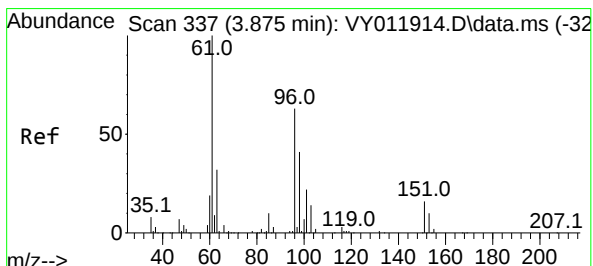
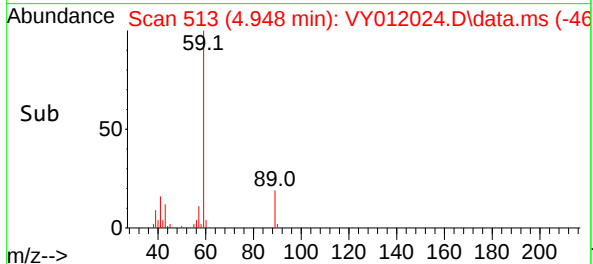
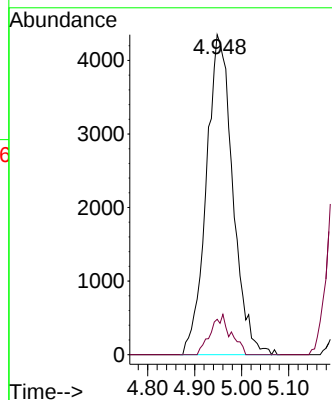
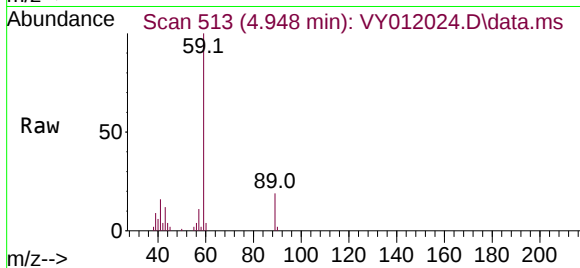
VY1229SBS01

Tgt Ion: 59 Resp: 17010

Ion Ratio Lower Upper

59 100

57 9.6 7.4 11.2



#12

1,1-Dichloroethene

Concen: 21.995 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

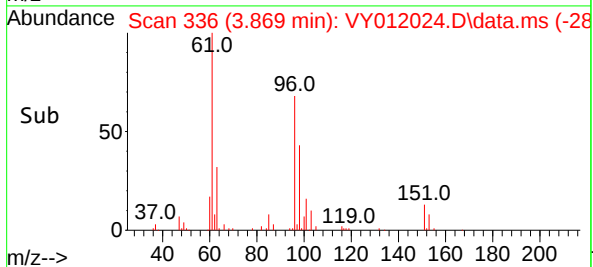
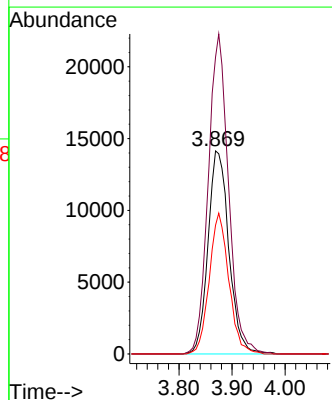
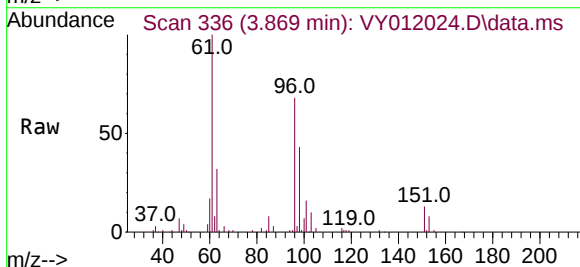
Tgt Ion: 96 Resp: 38703

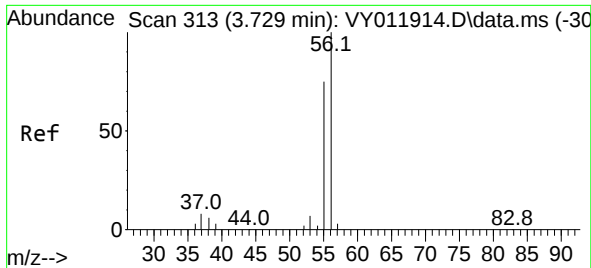
Ion Ratio Lower Upper

96 100

61 146.2 122.0 183.0

98 63.4 48.6 73.0





#13

Acrolein

Concen: 98.870 ug/l

RT: 3.728 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

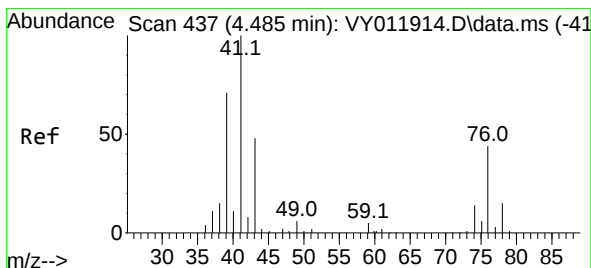
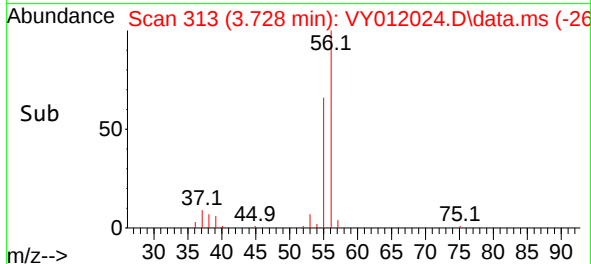
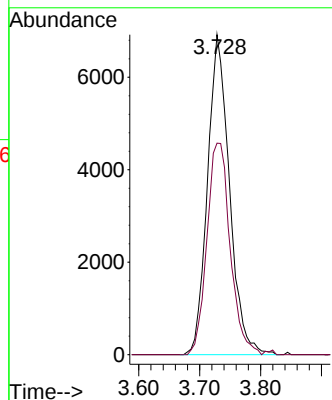
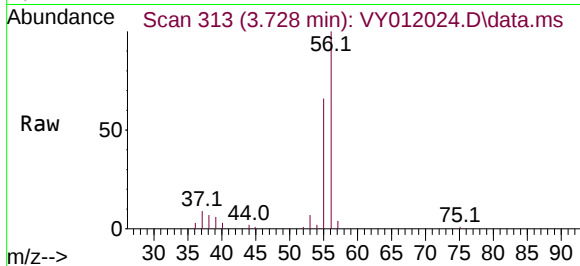
VY1229SBS01

Tgt Ion: 56 Resp: 17318

Ion Ratio Lower Upper

56 100

55 70.0 56.6 85.0



#14

Allyl chloride

Concen: 20.258 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

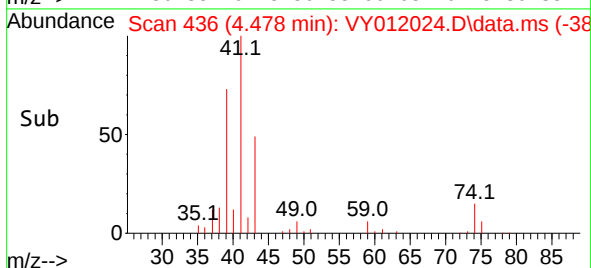
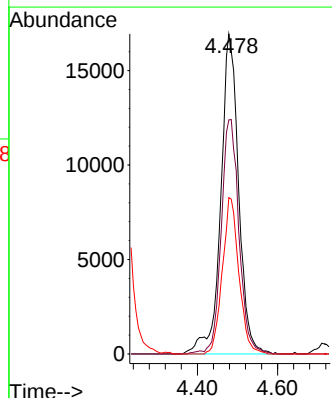
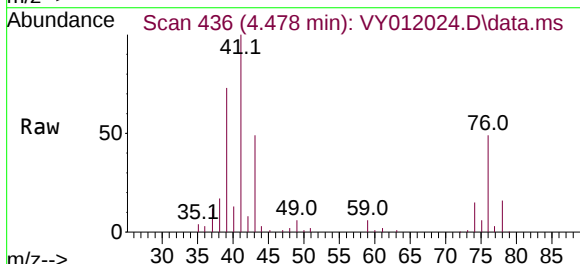
Tgt Ion: 41 Resp: 52494

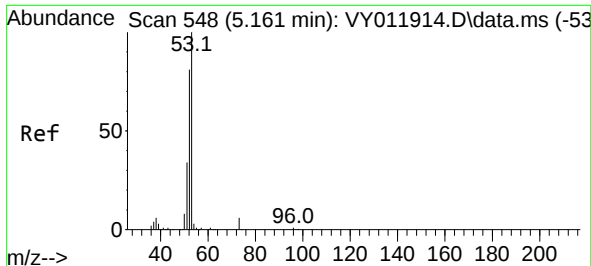
Ion Ratio Lower Upper

41 100

39 72.5 53.5 80.3

76 45.2 31.1 46.7

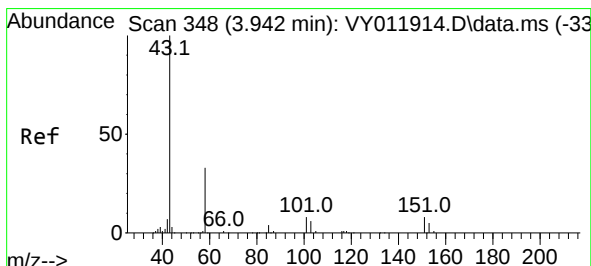
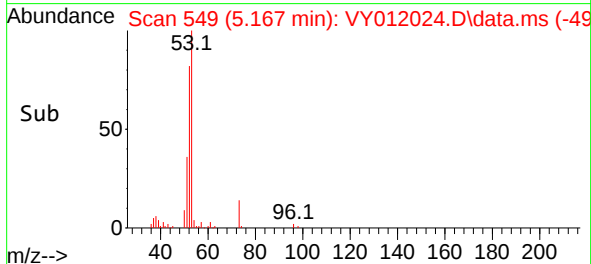
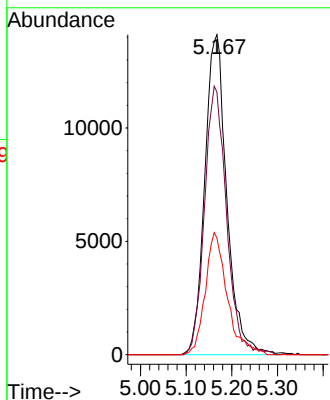
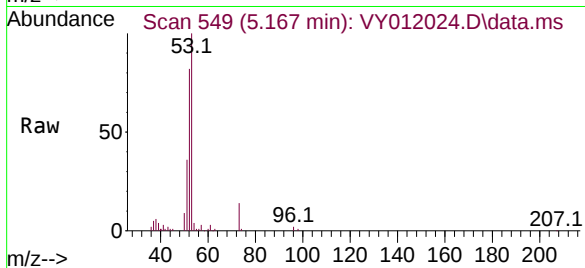




#15
Acrylonitrile
Concen: 103.059 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

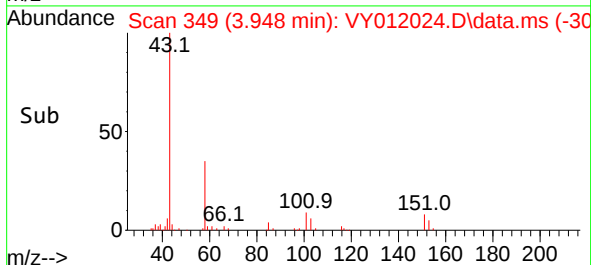
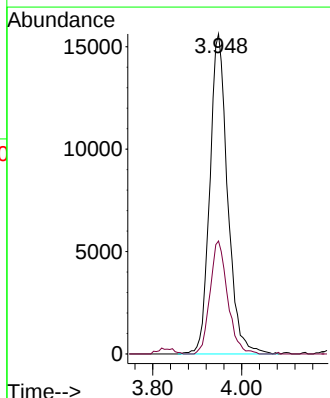
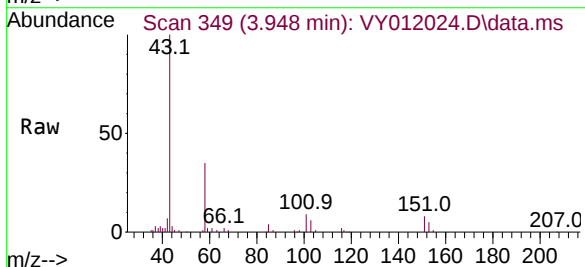
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

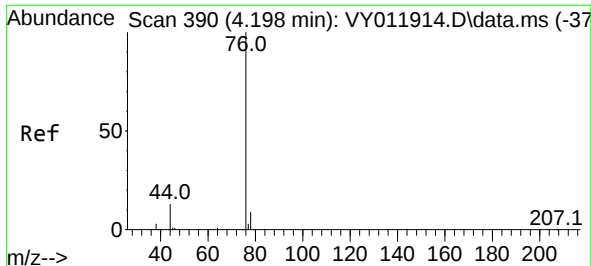
Tgt Ion: 53 Resp: 47269
Ion Ratio Lower Upper
53 100
52 83.9 65.1 97.7
51 38.2 28.7 43.1



#16
Acetone
Concen: 80.925 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion: 43 Resp: 43391
Ion Ratio Lower Upper
43 100
58 34.8 27.9 41.9

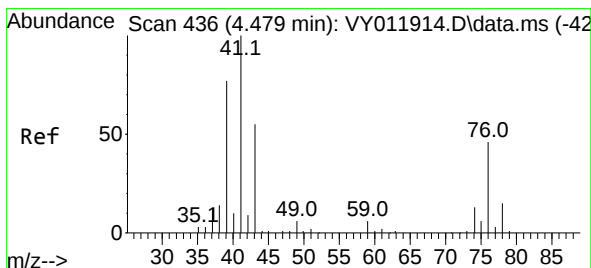
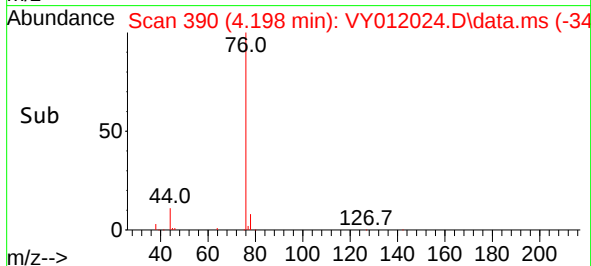
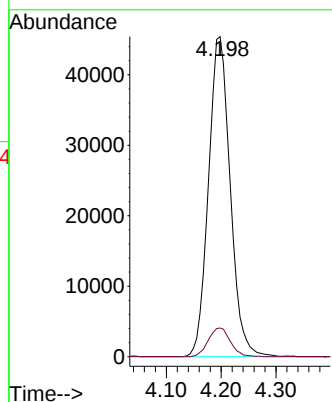
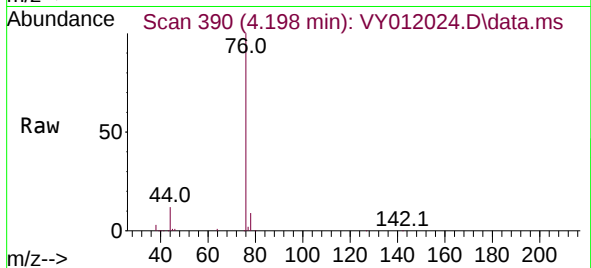




#17
Carbon Disulfide
Concen: 22.260 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

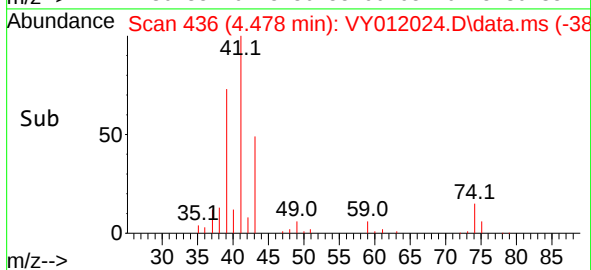
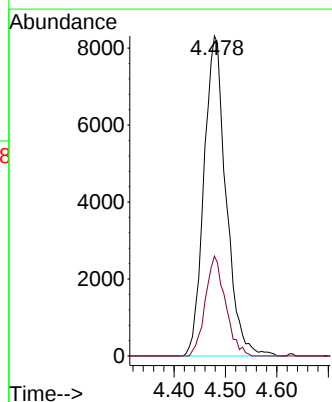
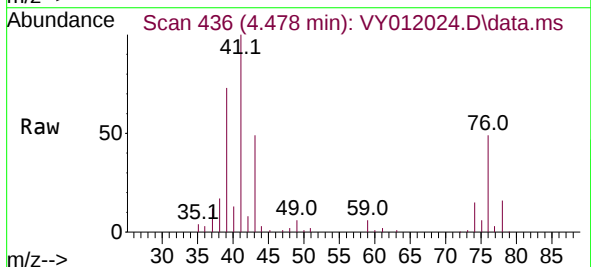
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

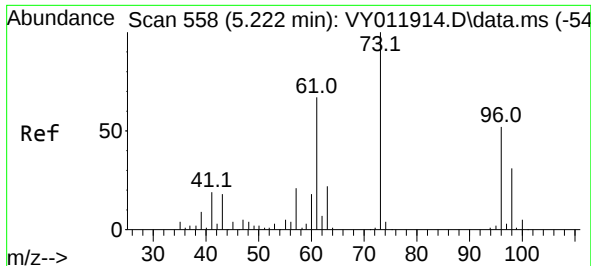
Tgt Ion: 76 Resp: 124948
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 19.210 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion: 43 Resp: 24873
Ion Ratio Lower Upper
43 100
74 28.4 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 22.658 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

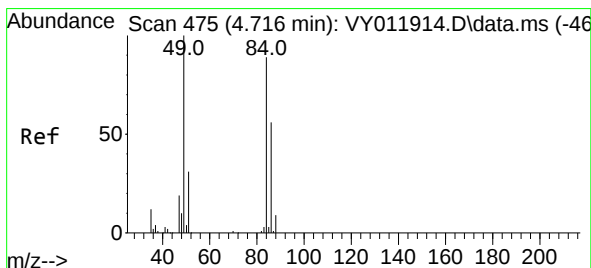
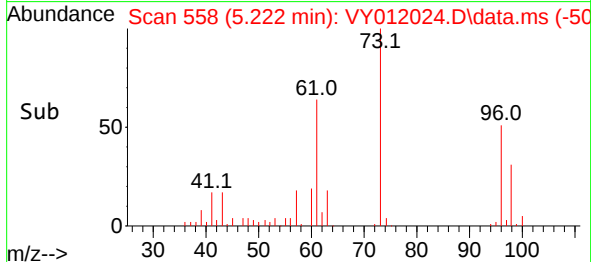
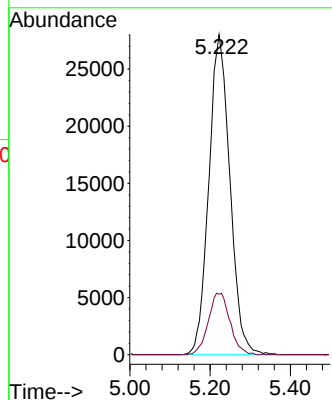
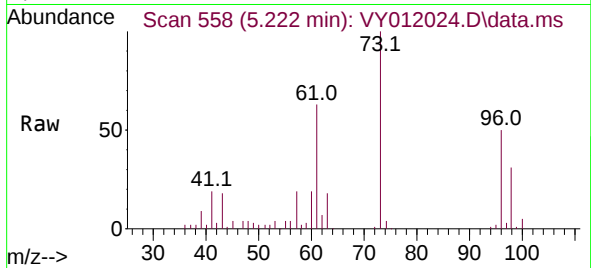
VY1229SBS01

Tgt Ion: 73 Resp: 102299

Ion Ratio Lower Upper

73 100

57 18.9 17.4 26.0



#20

Methylene Chloride

Concen: 19.316 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Tgt Ion: 84 Resp: 49617

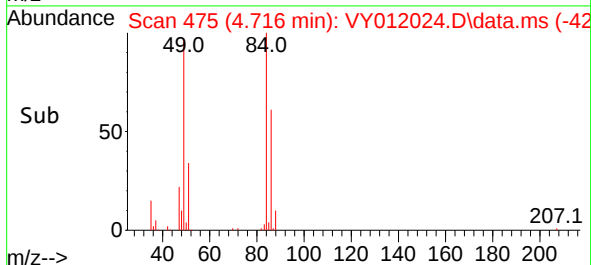
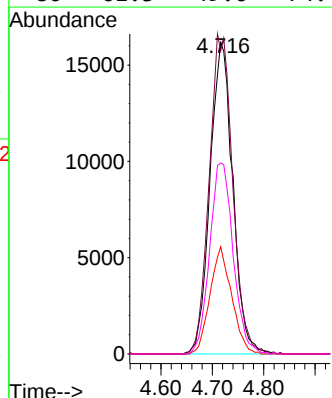
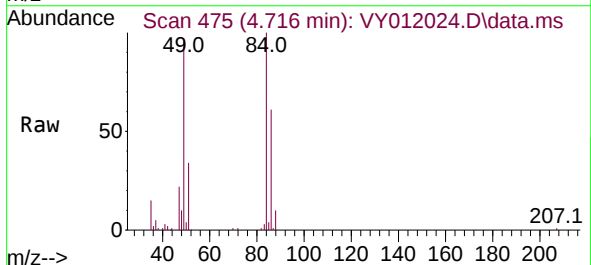
Ion Ratio Lower Upper

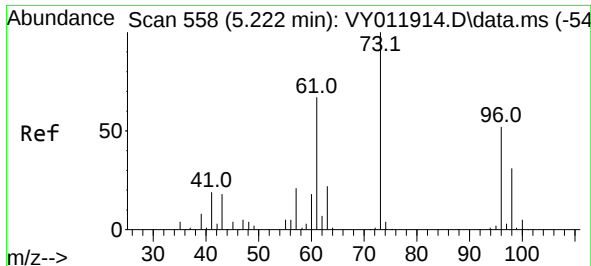
84 100

49 97.3 95.4 143.2

51 34.4 29.9 44.9

86 61.3 49.6 74.4





#21

trans-1,2-Dichloroethene

Concen: 22.146 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1229SBS01

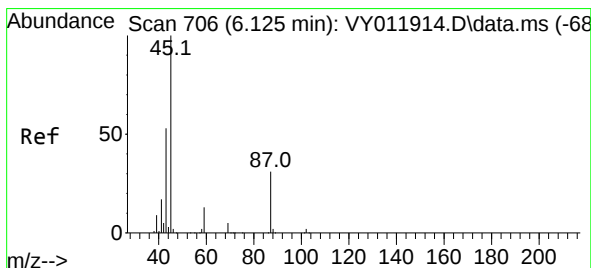
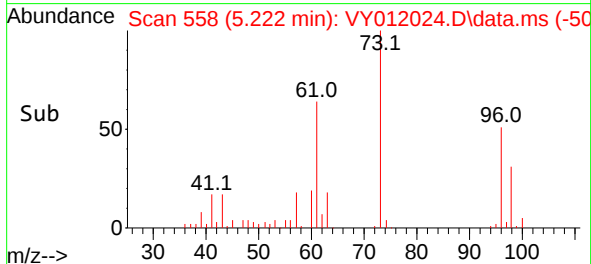
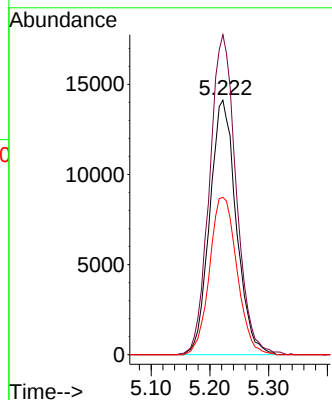
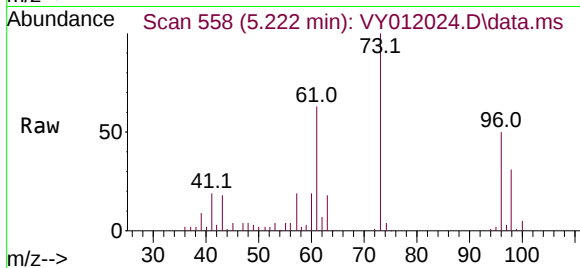
Tgt Ion: 96 Resp: 44278

Ion Ratio Lower Upper

96 100

61 125.4 108.0 162.0

98 61.8 51.6 77.4



#22

Diisopropyl ether

Concen: 21.007 ug/l

RT: 6.118 min Scan# 705

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Tgt Ion: 45 Resp: 107211

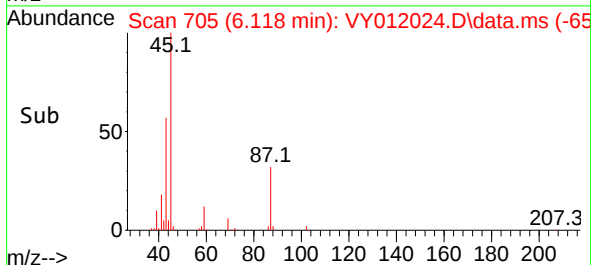
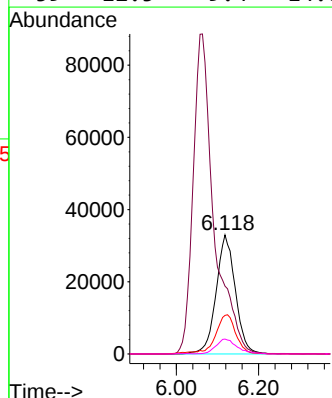
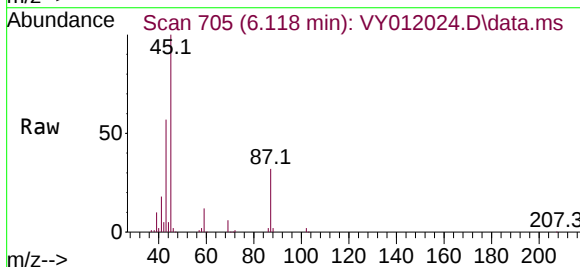
Ion Ratio Lower Upper

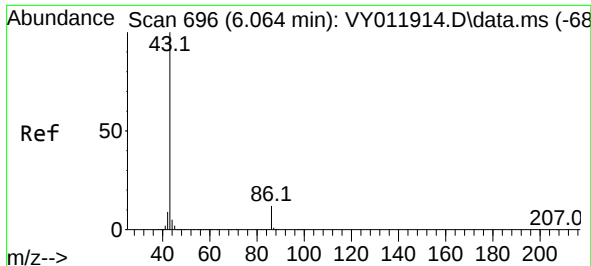
45 100

43 56.6 45.0 67.4

87 32.3 22.6 33.8

59 12.5 9.4 14.0

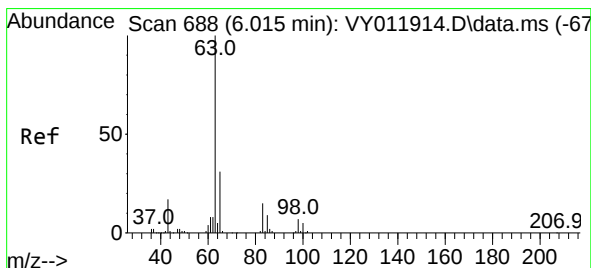
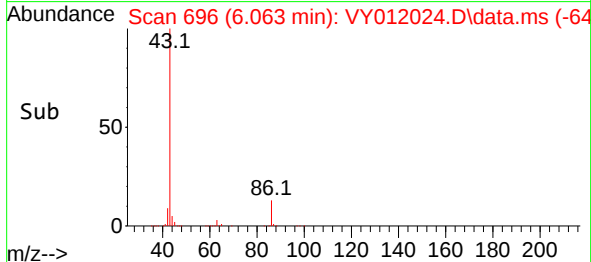
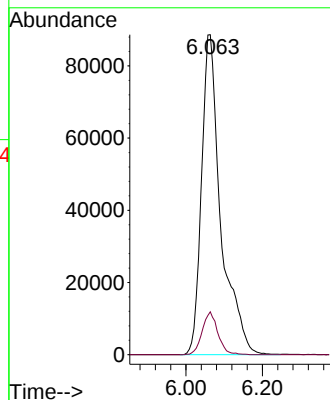
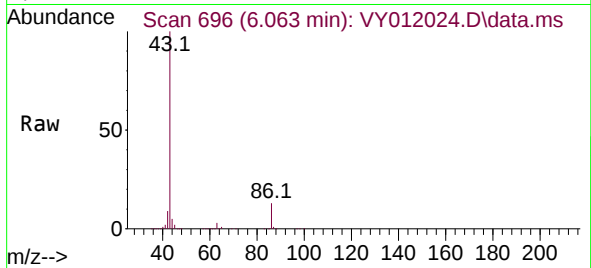




#23
 Vinyl Acetate
 Concen: 105.955 ug/l
 RT: 6.063 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY012024.D
 Acq: 29 Dec 2022 13:40

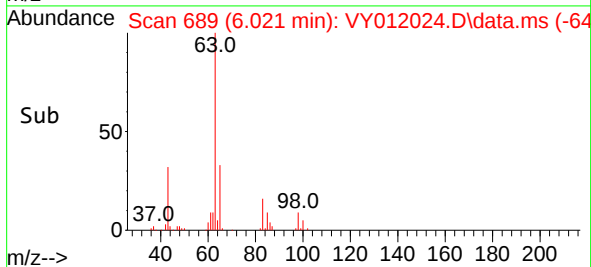
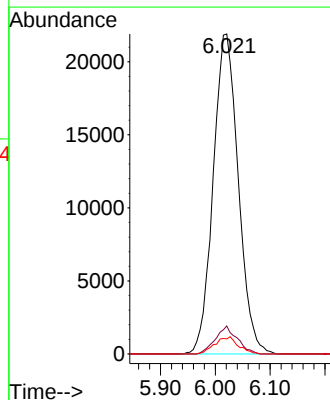
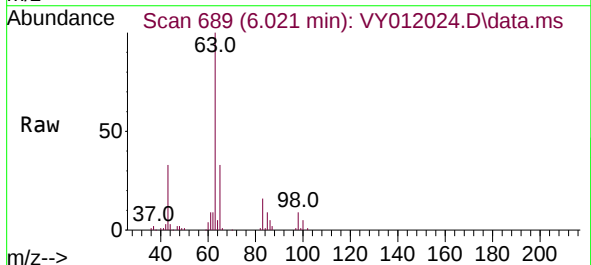
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1229SBS01

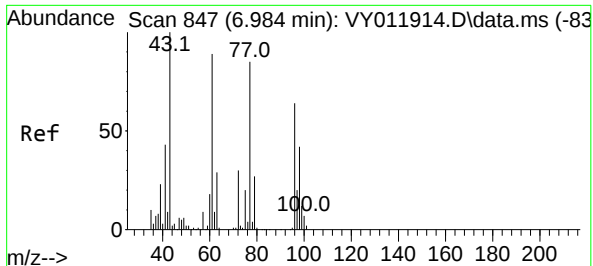
Tgt Ion: 43 Resp: 311115
 Ion Ratio Lower Upper
 43 100
 86 13.4 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 20.989 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY012024.D
 Acq: 29 Dec 2022 13:40

Tgt Ion: 63 Resp: 69630
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.5 10.5
 100 4.7 2.2 6.6





#25

2-Butanone

Concen: 91.148 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

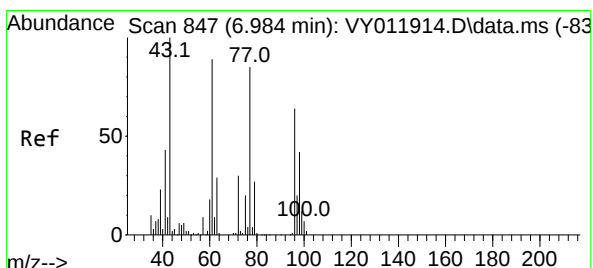
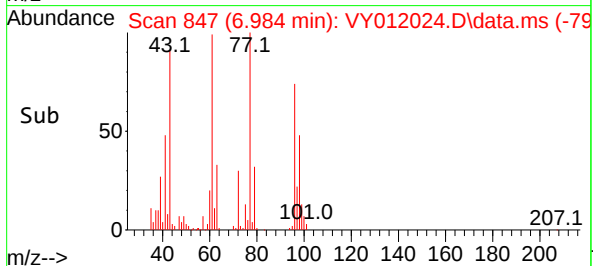
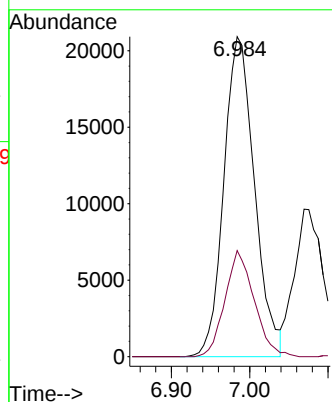
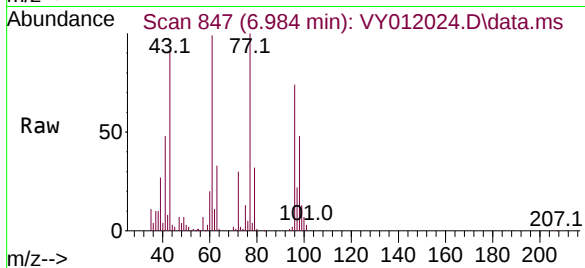
VY1229SBS01

Tgt Ion: 43 Resp: 56892

Ion Ratio Lower Upper

43 100

72 33.1 22.6 34.0



#26

2,2-Dichloropropane

Concen: 22.096 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012024.D

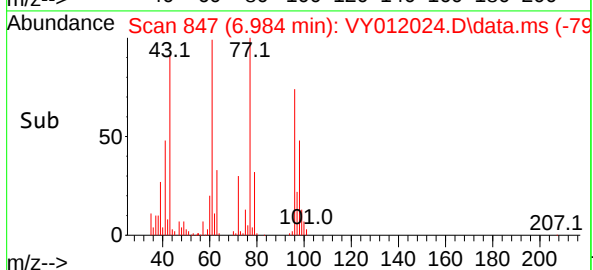
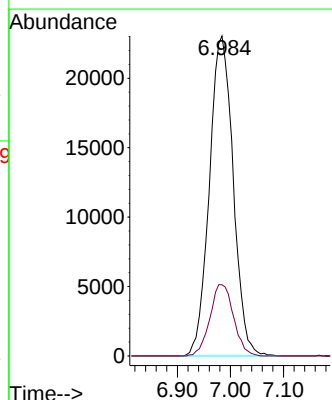
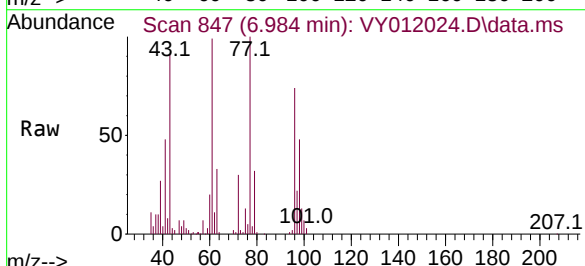
Acq: 29 Dec 2022 13:40

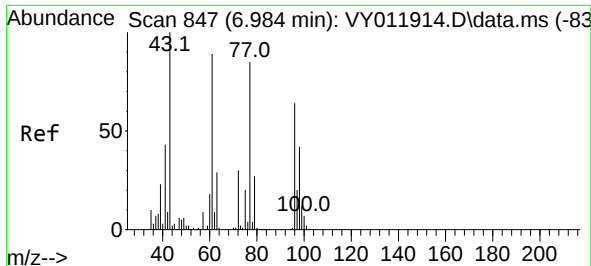
Tgt Ion: 77 Resp: 71728

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 22.126 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1229SBS01

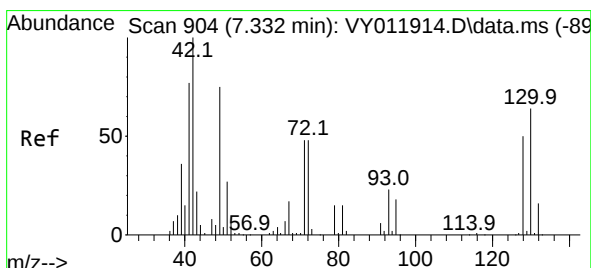
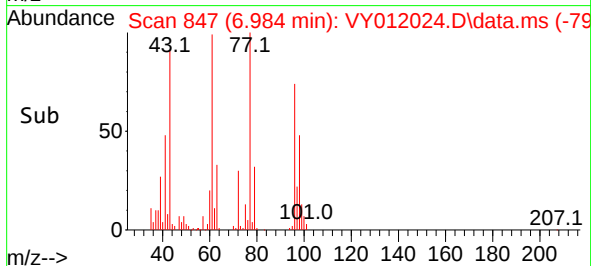
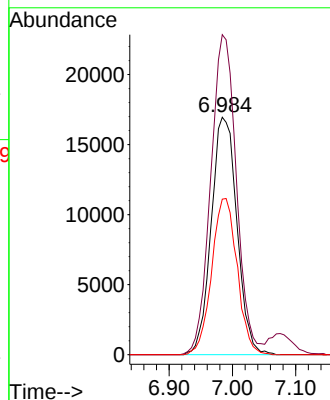
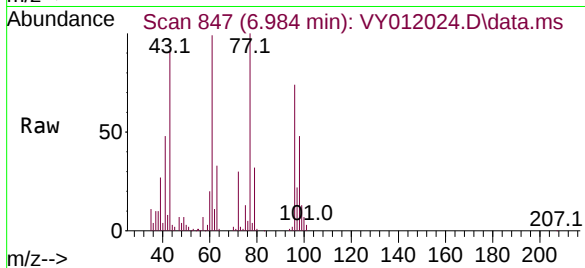
Tgt Ion: 96 Resp: 47847

Ion Ratio Lower Upper

96 100

61 135.0 0.0 283.4

98 65.1 0.0 127.6



#28

Bromochloromethane

Concen: 18.379 ug/l

RT: 7.331 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

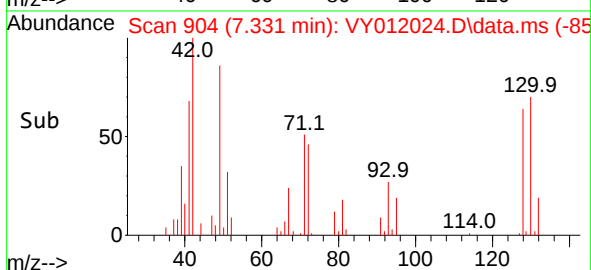
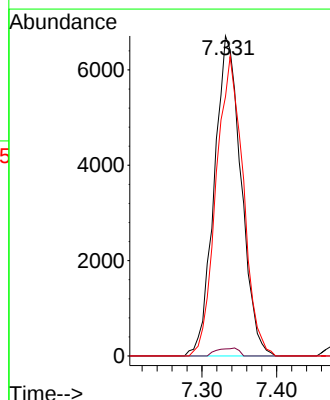
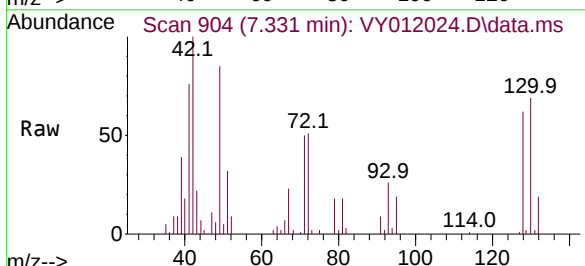
Tgt Ion: 49 Resp: 16731

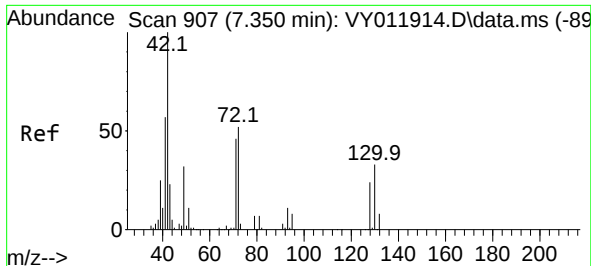
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 94.3 66.7 100.1





#29

Tetrahydrofuran

Concen: 97.636 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1229SBS01

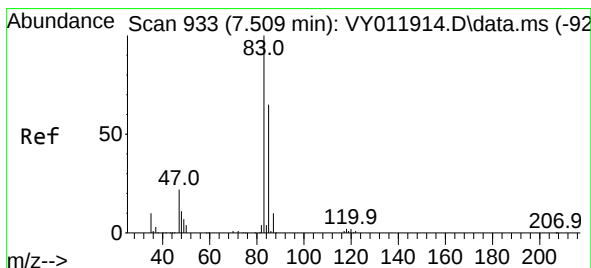
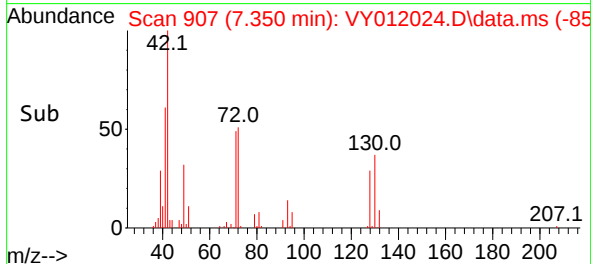
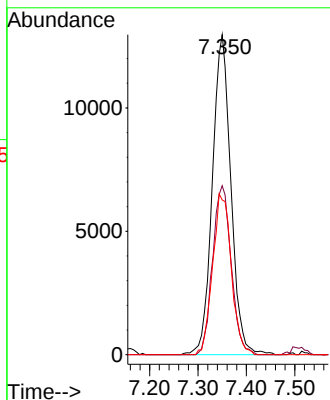
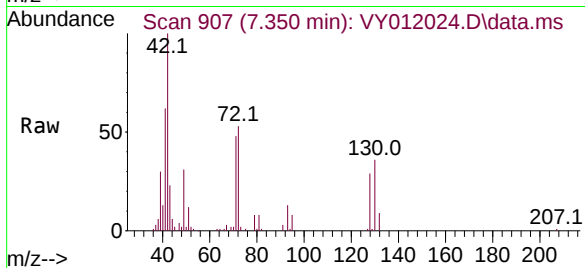
Tgt Ion: 42 Resp: 34528

Ion Ratio Lower Upper

42 100

72 53.0 37.0 55.6

71 50.6 34.9 52.3



#30

Chloroform

Concen: 22.091 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY012024.D

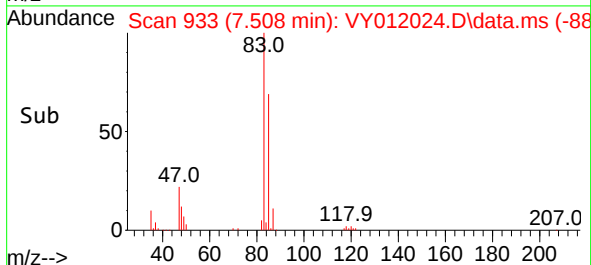
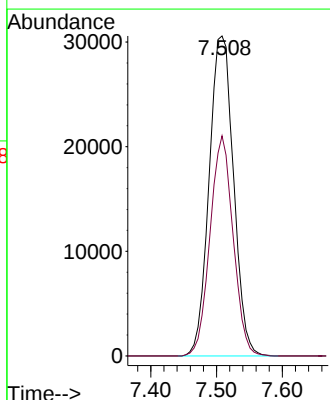
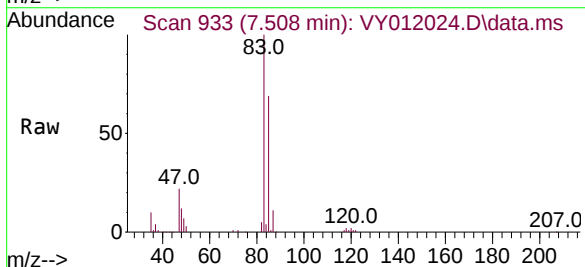
Acq: 29 Dec 2022 13:40

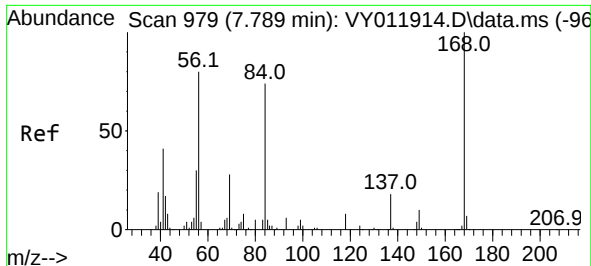
Tgt Ion: 83 Resp: 78990

Ion Ratio Lower Upper

83 100

85 68.8 51.5 77.3

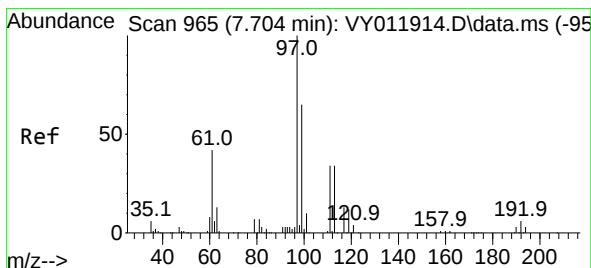
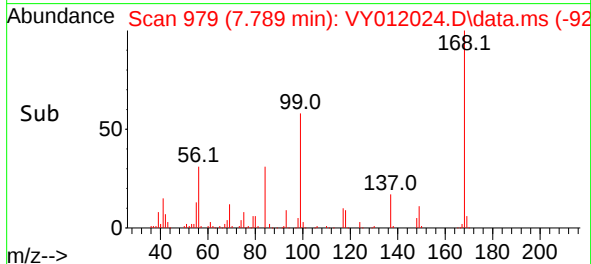
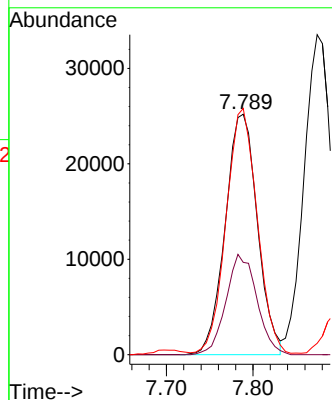
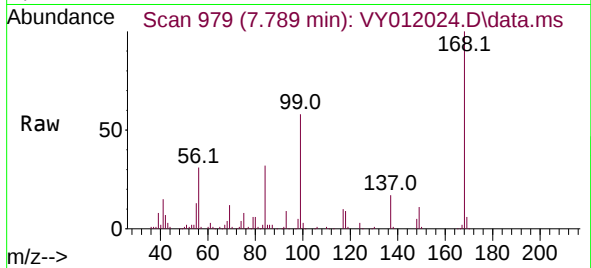




#31
Cyclohexane
Concen: 20.643 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

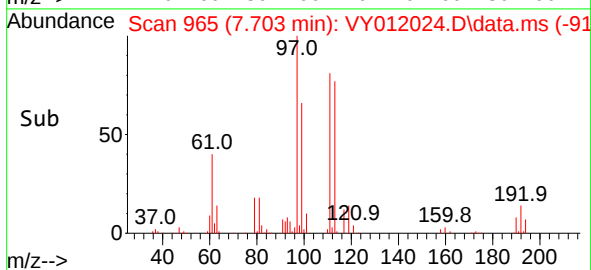
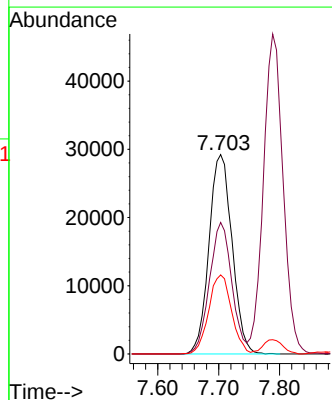
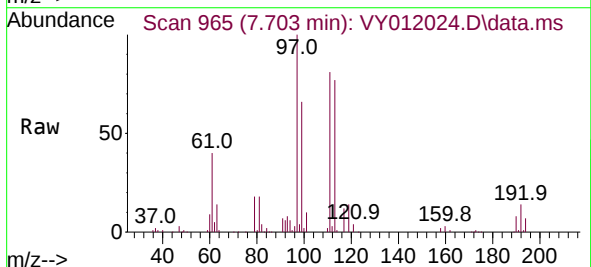
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

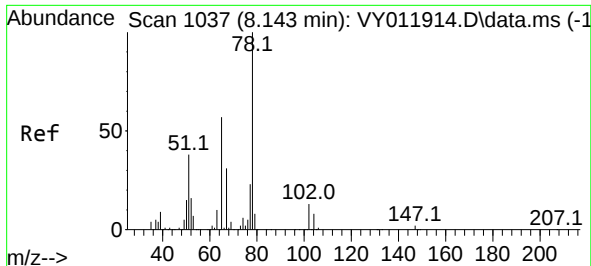
Tgt Ion: 56 Resp: 65116
Ion Ratio Lower Upper
56 100
69 38.4 29.2 43.8
84 101.0 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 22.569 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion: 97 Resp: 76756
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 39.4 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 50.268 ug/l

RT: 8.142 min Scan# 11037

Delta R.T. -0.001 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

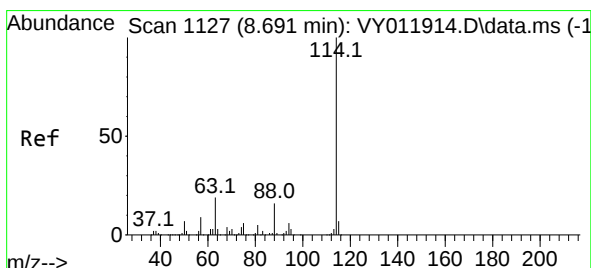
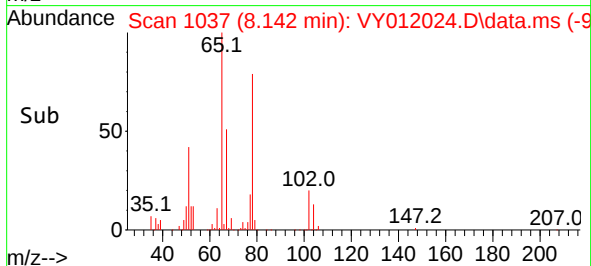
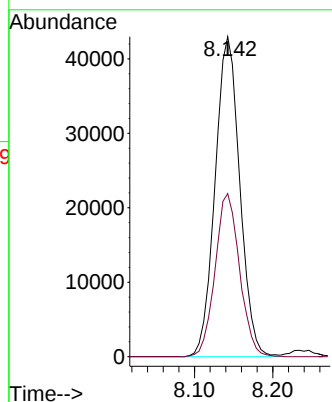
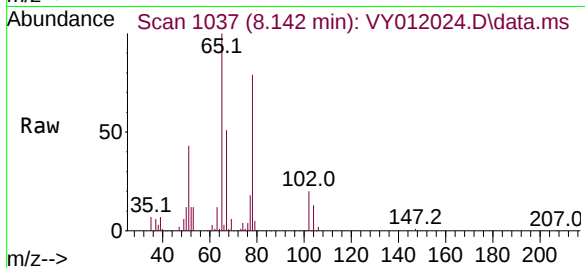
VY1229SBS01

Tgt Ion: 65 Resp: 94192

Ion Ratio Lower Upper

65 100

67 50.4 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: VY012024.D

Acq: 29 Dec 2022 13:40

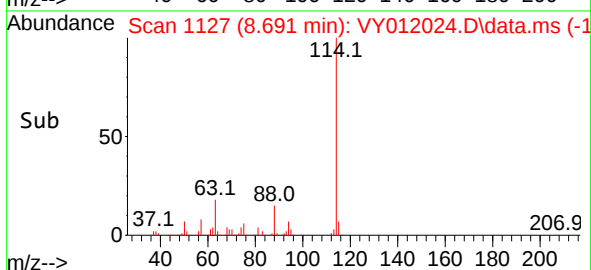
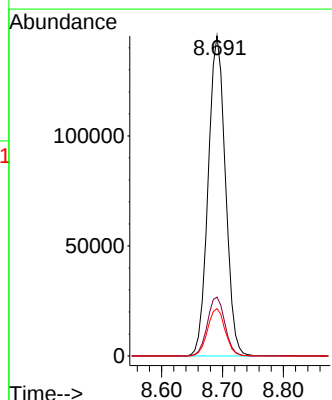
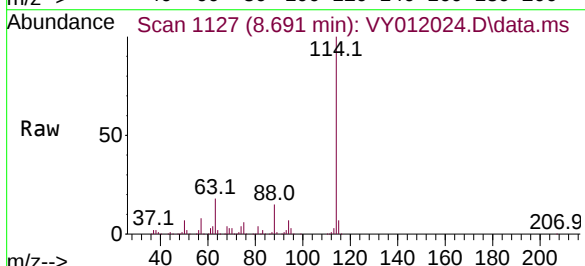
Tgt Ion: 114 Resp: 285621

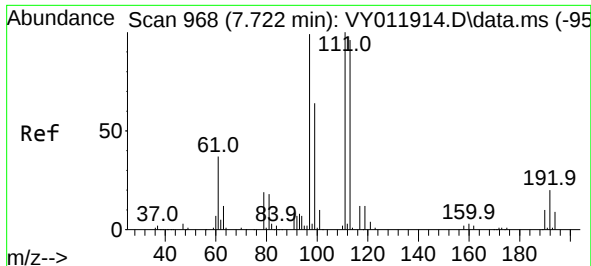
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 14.8 0.0 32.2

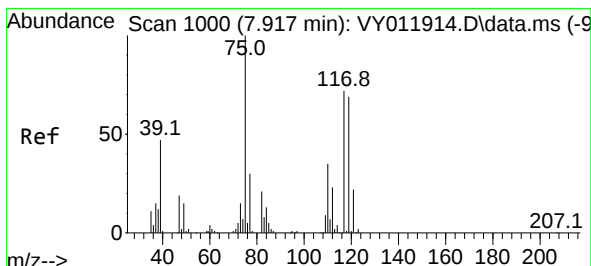
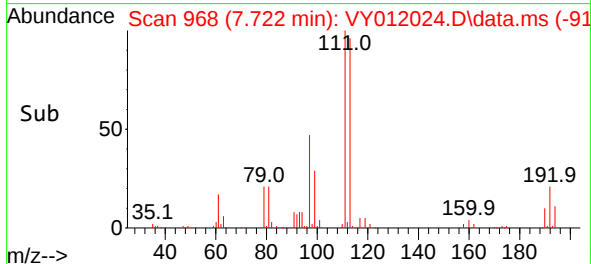
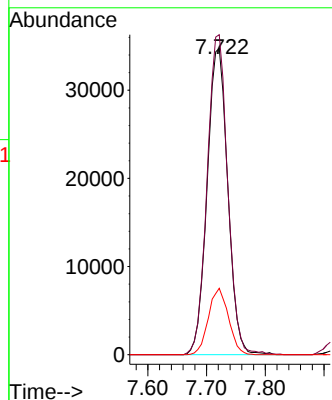
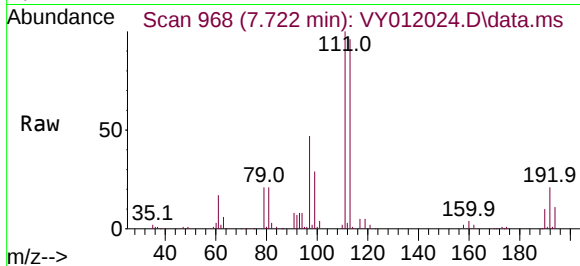




#35
Dibromofluoromethane
Concen: 49.479 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

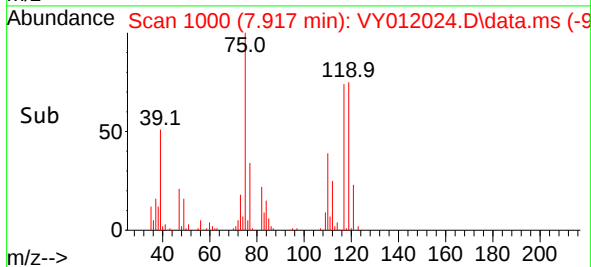
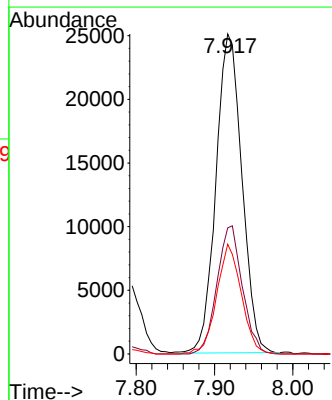
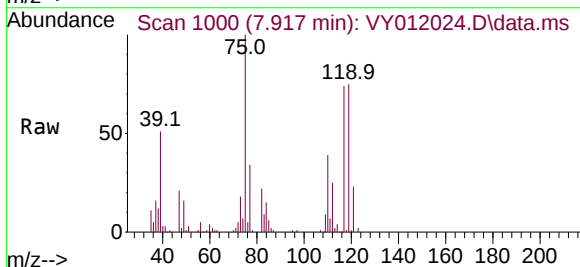
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

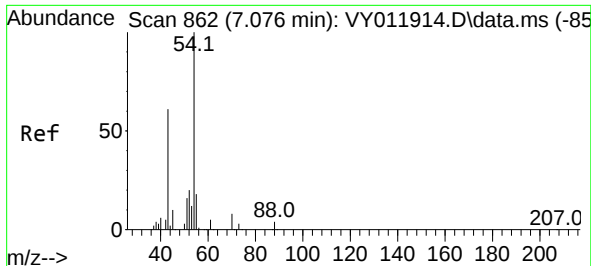
Tgt Ion:113 Resp: 85080
Ion Ratio Lower Upper
113 100
111 103.7 83.0 124.4
192 21.0 16.0 24.0



#36
1,1-Dichloropropene
Concen: 20.930 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion: 75 Resp: 57729
Ion Ratio Lower Upper
75 100
110 39.2 18.1 54.1
77 32.7 25.1 37.7





#37

Ethyl Acetate

Concen: 20.542 ug/l

RT: 7.069 min Scan# 81

Delta R.T. -0.001 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1229SBS01

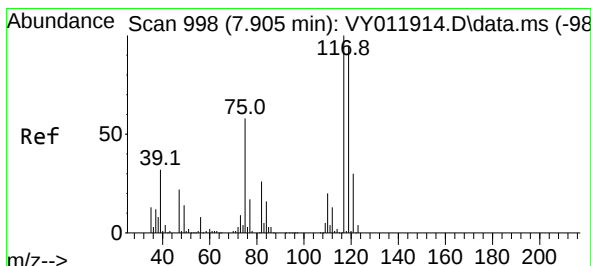
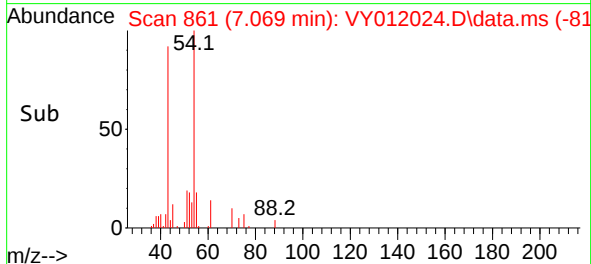
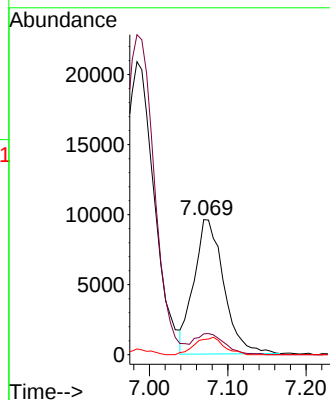
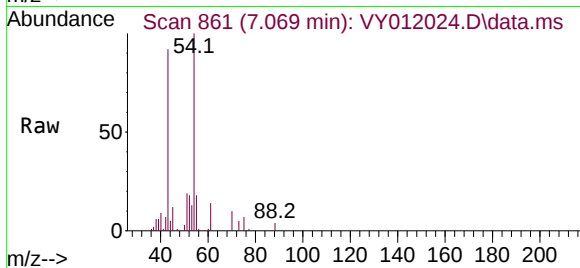
Tgt Ion: 43 Resp: 25420

Ion Ratio Lower Upper

43 100

61 15.5 11.3 16.9

70 12.4 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 22.834 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

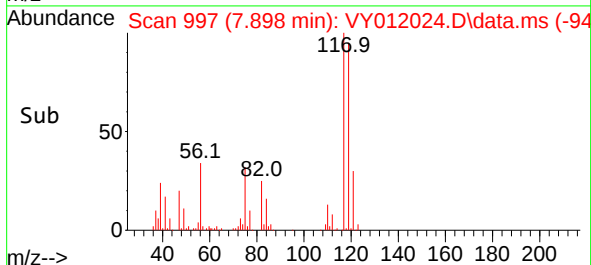
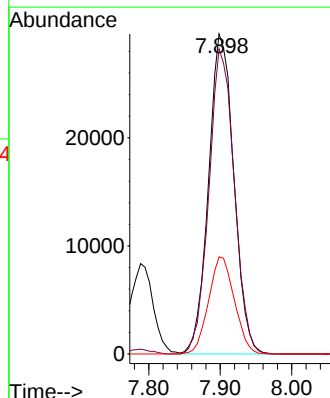
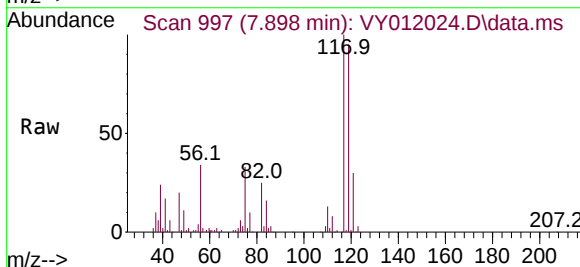
Tgt Ion: 117 Resp: 72736

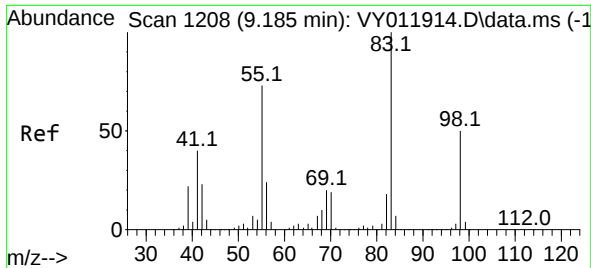
Ion Ratio Lower Upper

117 100

119 95.4 73.8 110.8

121 30.4 25.2 37.8





#39

Methylcyclohexane

Concen: 21.338 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1229SBS01

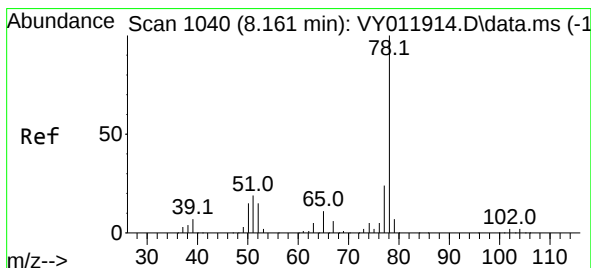
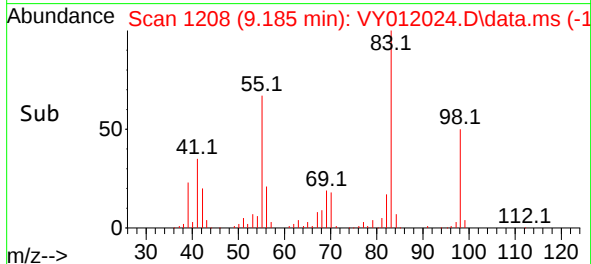
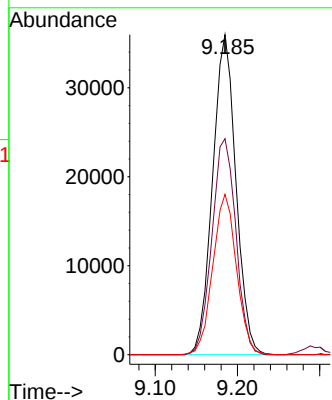
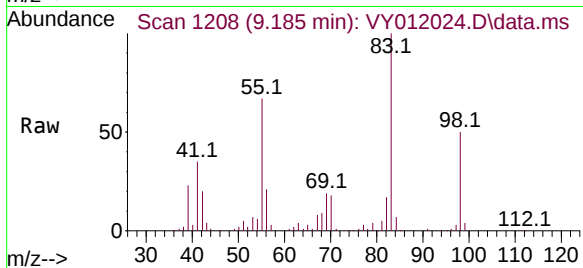
Tgt Ion: 83 Resp: 70816

Ion Ratio Lower Upper

83 100

55 67.5 58.2 87.2

98 50.1 38.6 58.0



#40

Benzene

Concen: 21.792 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012024.D

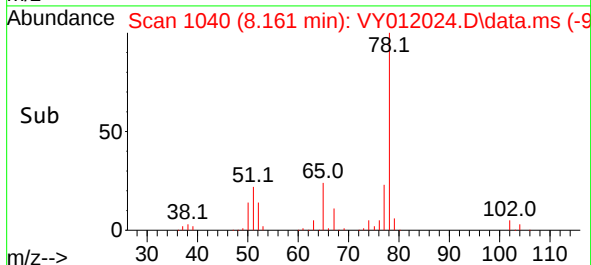
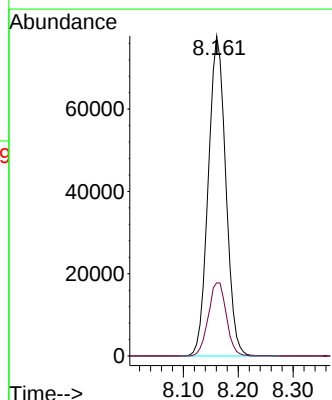
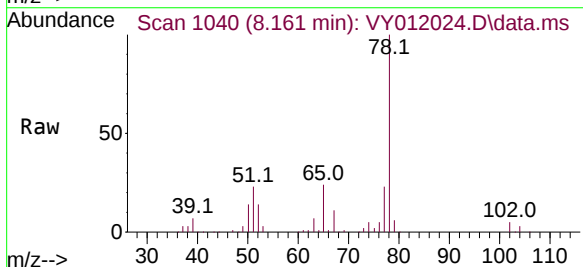
Acq: 29 Dec 2022 13:40

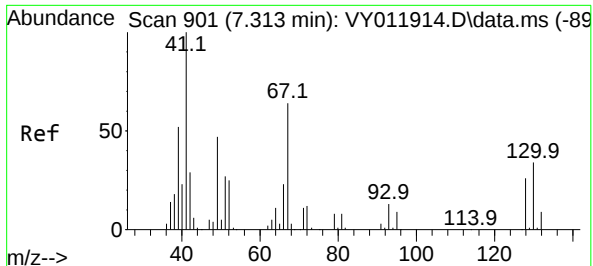
Tgt Ion: 78 Resp: 172008

Ion Ratio Lower Upper

78 100

77 22.9 18.6 27.8

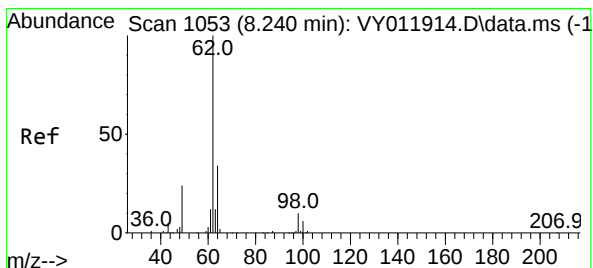
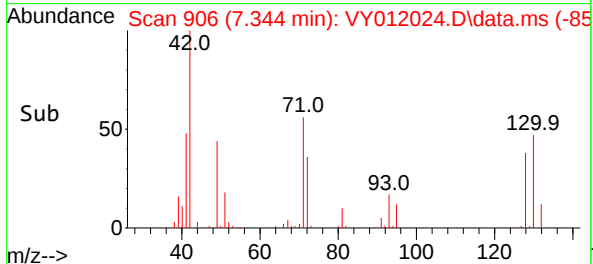
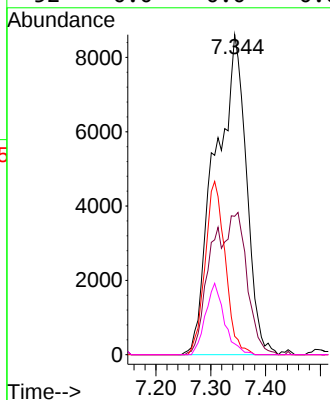
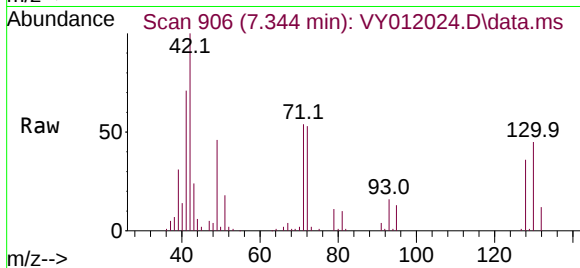




#41
Methacrylonitrile
Concen: 56.889 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

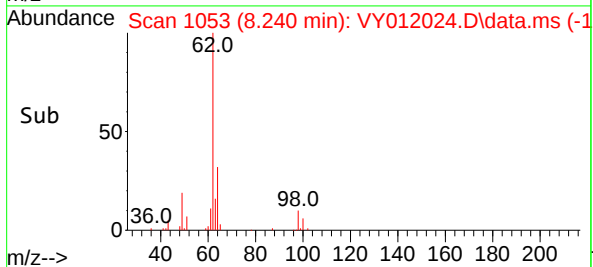
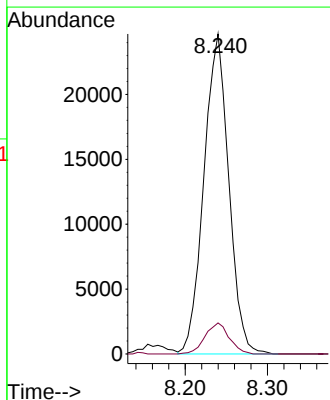
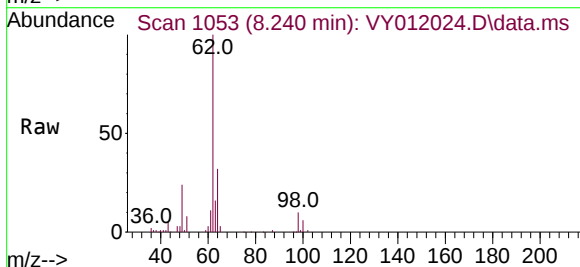
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

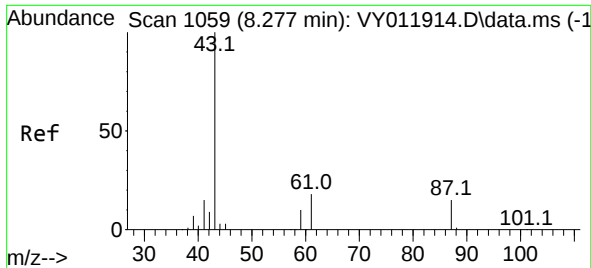
Tgt Ion:	41	Resp:	34042
Ion	Ratio	Lower	Upper
41	100		
39	27.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 22.820 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion:	62	Resp:	51855
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.6

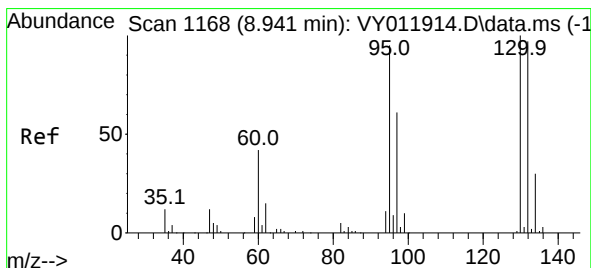
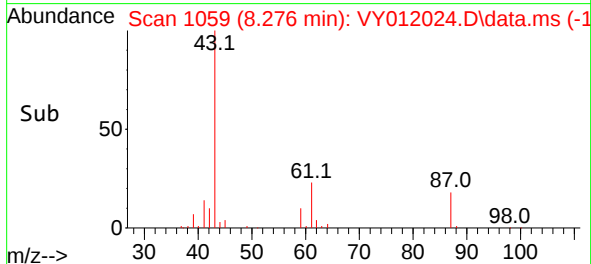
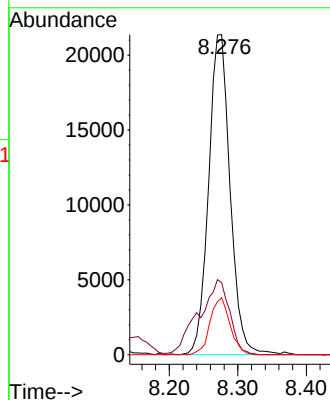
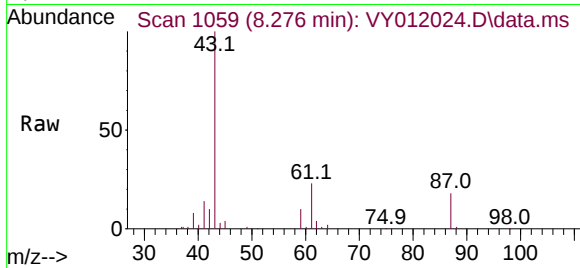




#43
Isopropyl Acetate
Concen: 20.625 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

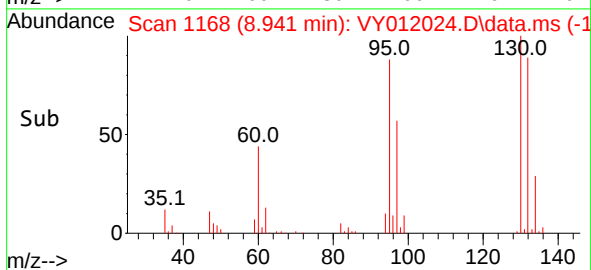
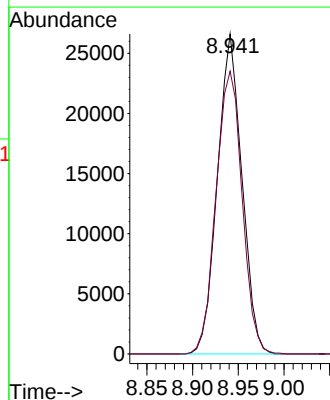
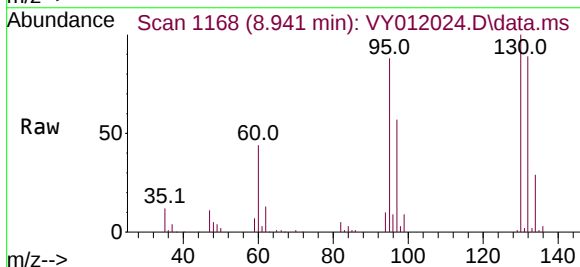
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

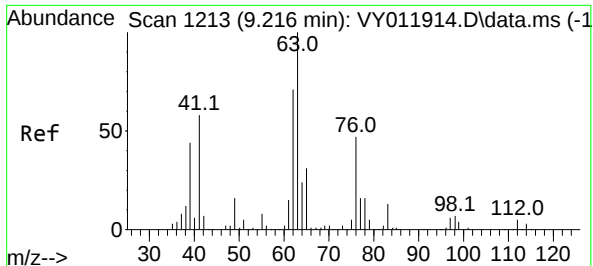
Tgt Ion: 43	Resp: 46613
Ion Ratio	Lower Upper
43	100
61	33.4 24.4 36.6
87	16.5 11.4 17.2



#44
Trichloroethene
Concen: 22.324 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion: 130	Resp: 49666
Ion Ratio	Lower Upper
130	100
95	88.3 0.0 190.6





#45

1,2-Dichloropropane

Concen: 20.534 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

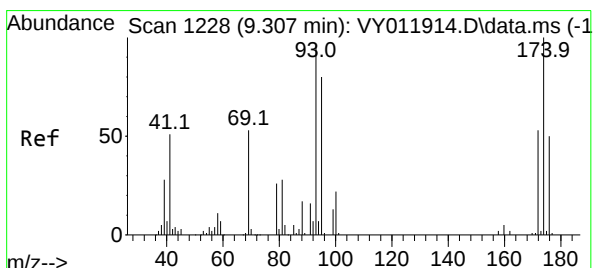
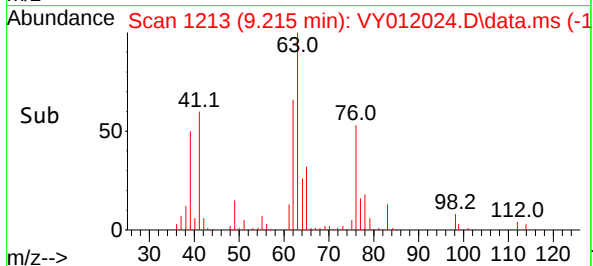
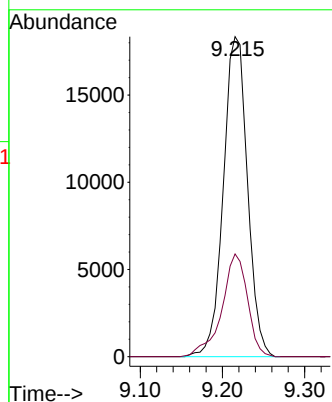
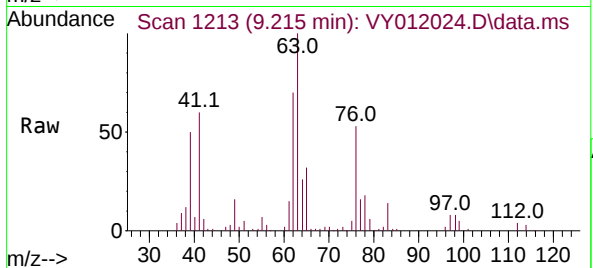
VY1229SBS01

Tgt Ion: 63 Resp: 37448

Ion Ratio Lower Upper

63 100

65 32.1 24.9 37.3



#46

Dibromomethane

Concen: 22.105 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

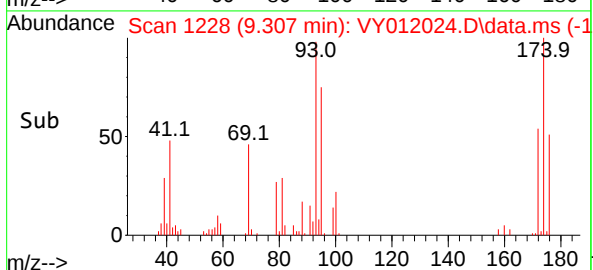
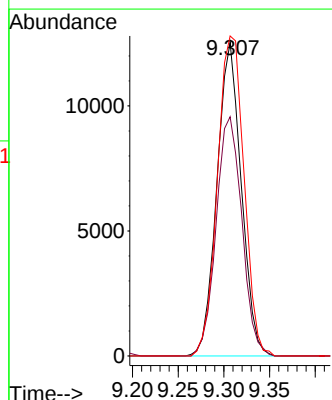
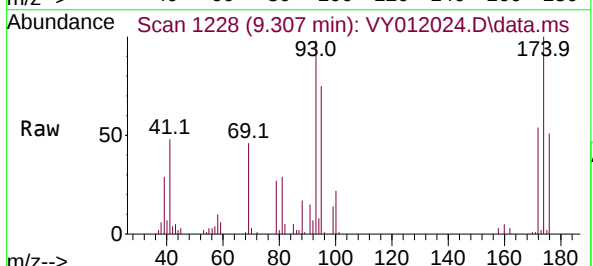
Tgt Ion: 93 Resp: 23222

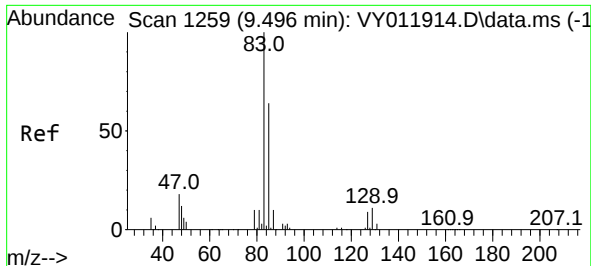
Ion Ratio Lower Upper

93 100

95 80.8 66.1 99.1

174 111.3 84.7 127.1

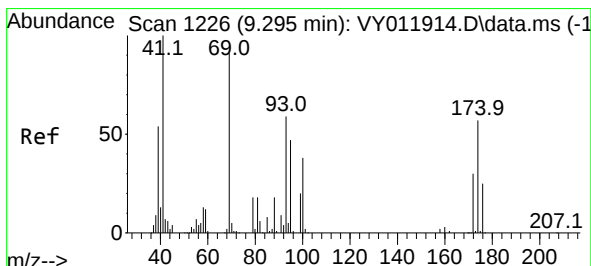
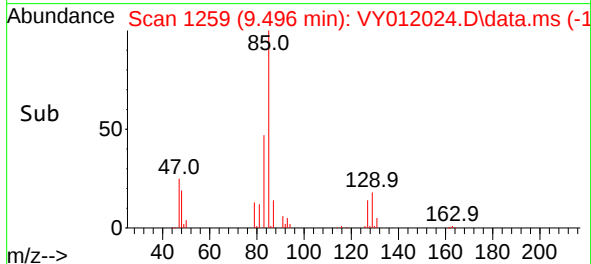
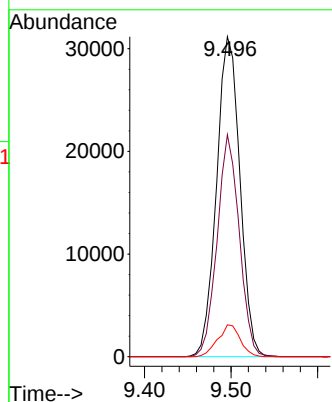
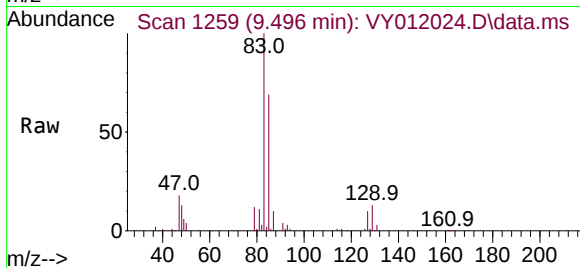




#47
Bromodichloromethane
Concen: 21.920 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

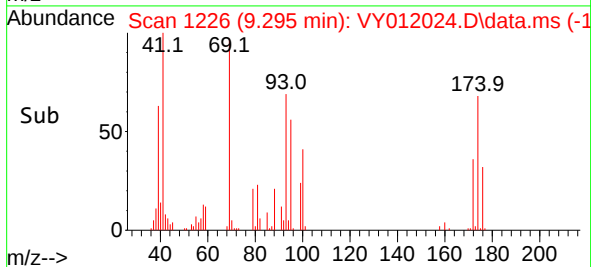
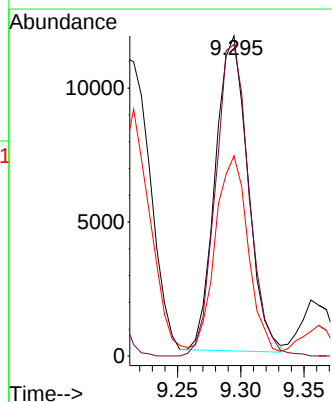
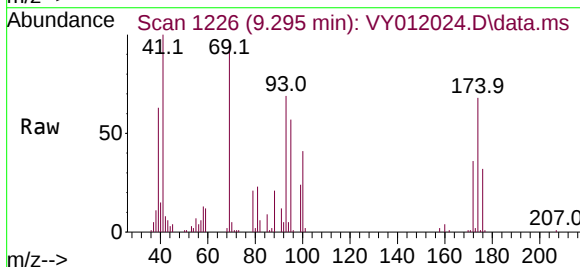
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

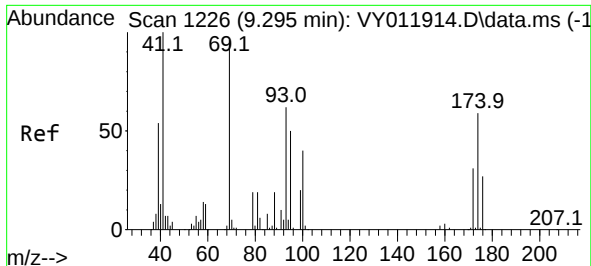
Tgt Ion:	83	Resp:	58420
Ion	Ratio	Lower	Upper
83	100		
85	69.3	52.0	78.0
127	10.0	7.3	10.9



#48
Methyl methacrylate
Concen: 20.069 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion:	41	Resp:	21001
Ion	Ratio	Lower	Upper
41	100		
69	101.9	74.2	111.2
39	61.9	46.3	69.5





#49

1,4-Dioxane

Concen: 461.155 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1229SBS01

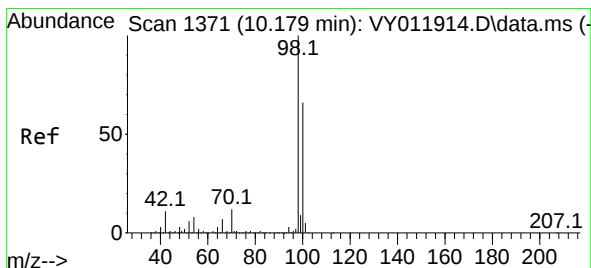
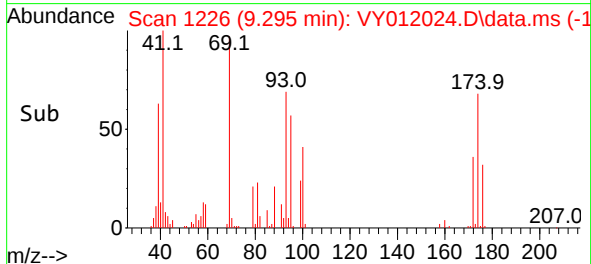
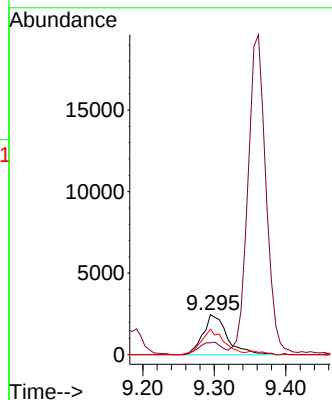
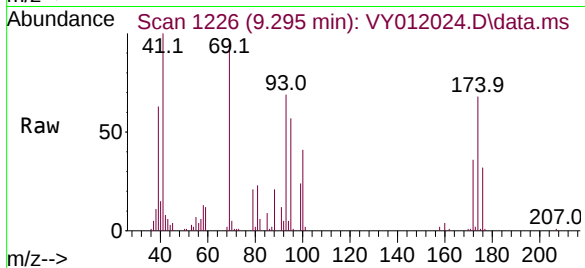
Tgt Ion: 88 Resp: 5784

Ion Ratio Lower Upper

88 100

43 29.6 26.2 39.2

58 59.4 54.3 81.5



#50

Toluene-d8

Concen: 48.707 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012024.D

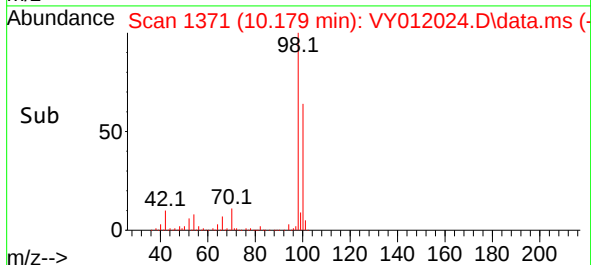
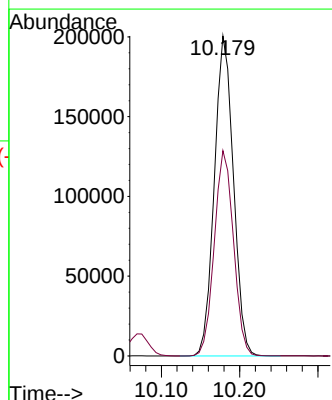
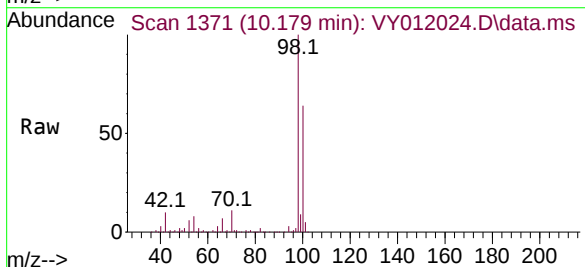
Acq: 29 Dec 2022 13:40

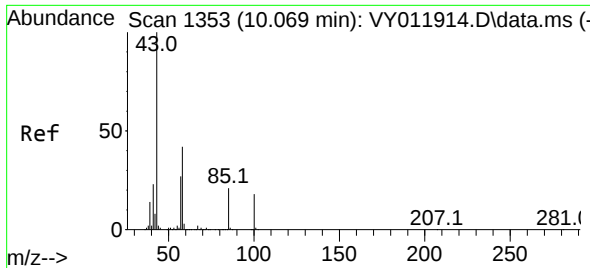
Tgt Ion: 98 Resp: 339803

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9

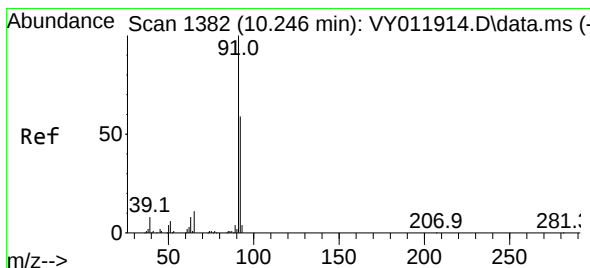
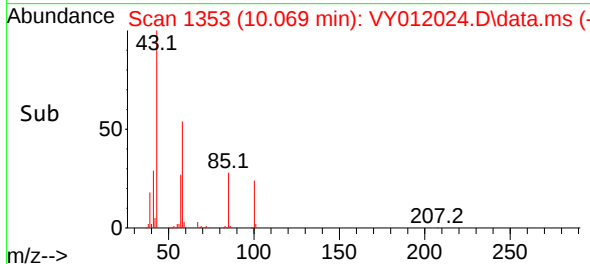
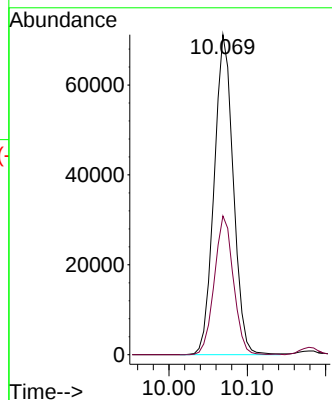
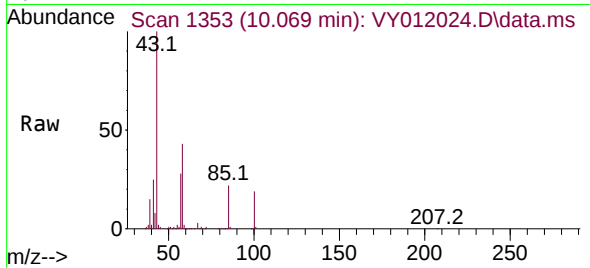




#51
4-Methyl-2-Pentanone
Concen: 100.356 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

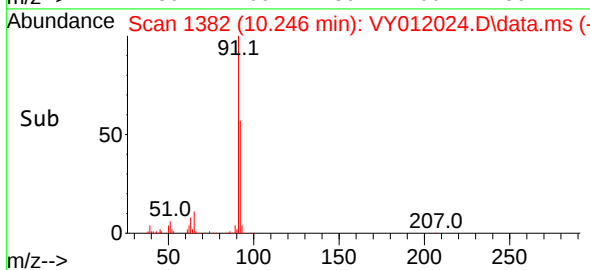
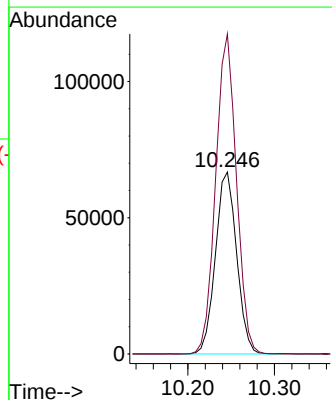
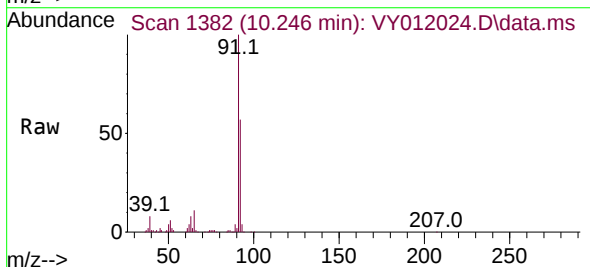
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

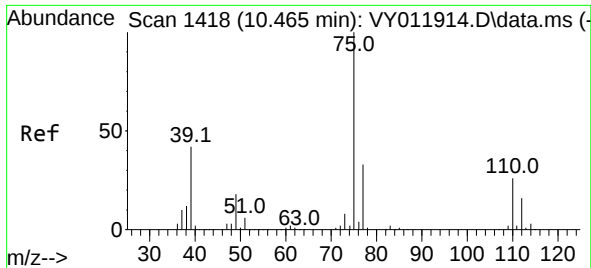
Tgt Ion: 43 Resp: 120938
Ion Ratio Lower Upper
43 100
58 43.2 32.9 49.3



#52
Toluene
Concen: 22.575 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion: 92 Resp: 113531
Ion Ratio Lower Upper
92 100
91 172.0 137.4 206.0

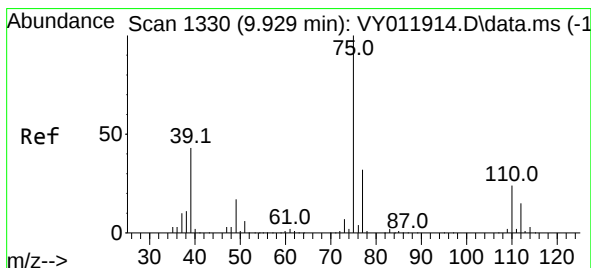
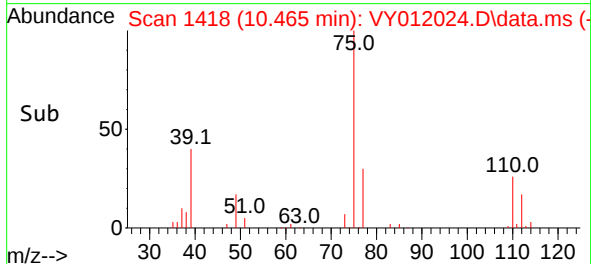
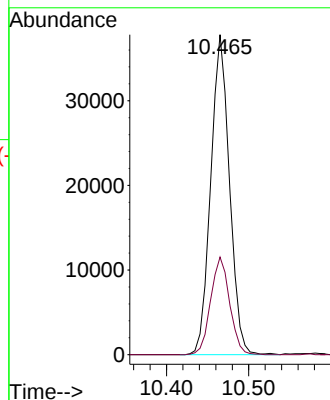
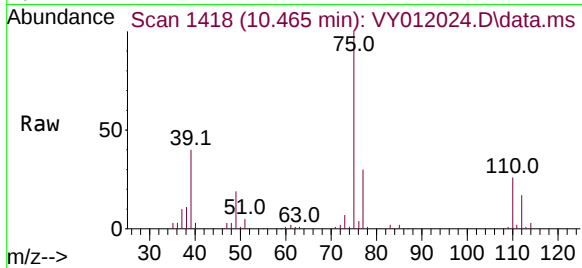




#53
t-1,3-Dichloropropene
Concen: 22.195 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

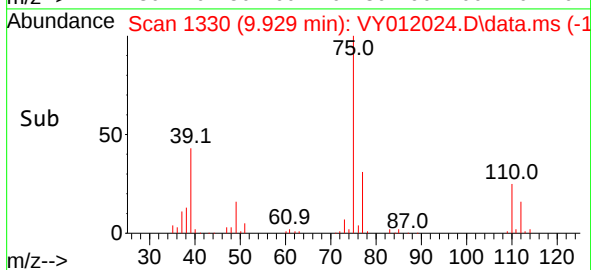
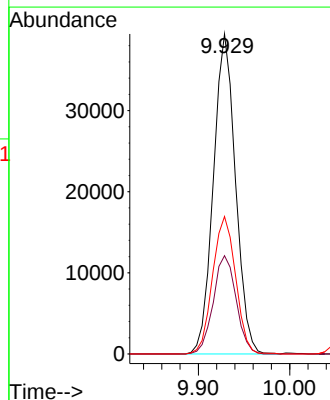
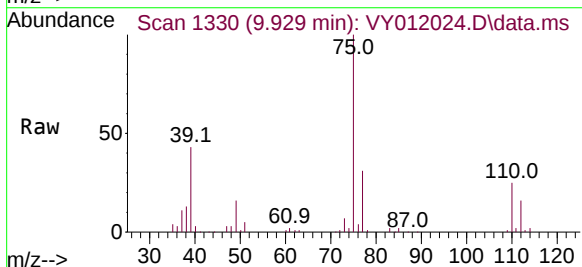
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

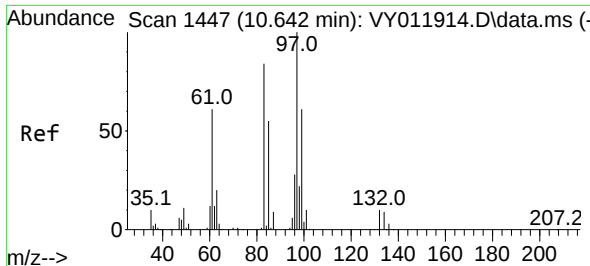
Tgt Ion: 75 Resp: 59771
Ion Ratio Lower Upper
75 100
77 30.5 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 21.897 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion: 75 Resp: 66283
Ion Ratio Lower Upper
75 100
77 30.7 25.9 38.9
39 43.0 34.6 52.0

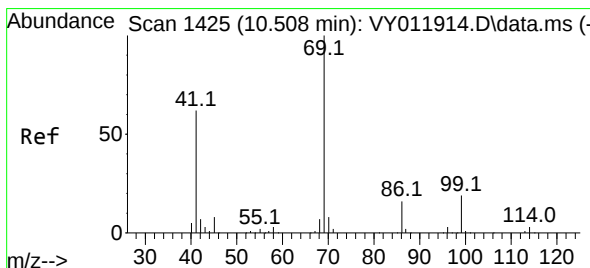
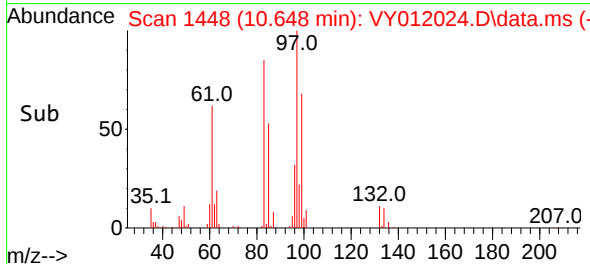
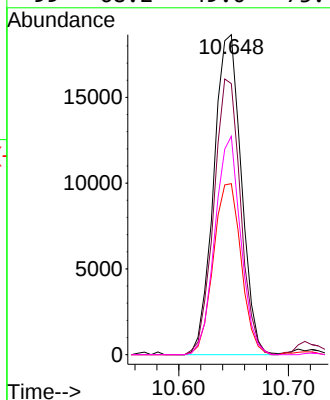
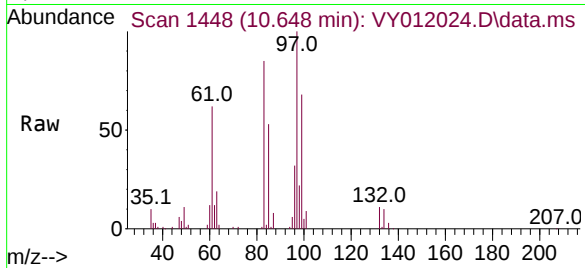




#55
1,1,2-Trichloroethane
Concen: 21.877 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

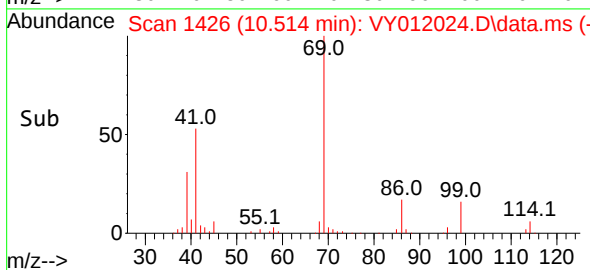
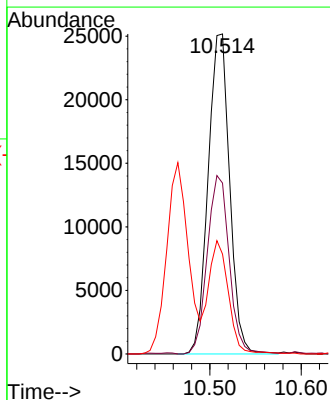
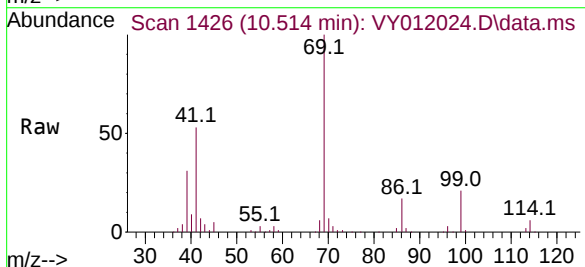
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

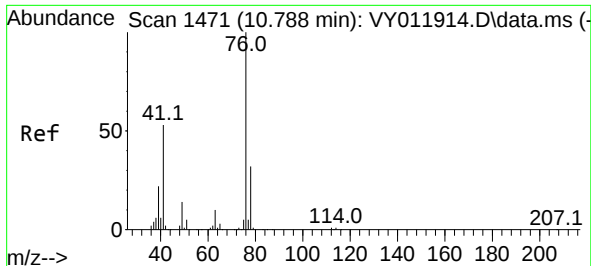
Tgt Ion: 97	Resp: 32613
Ion Ratio	Lower Upper
97 100	
83 84.7	67.7 101.5
85 53.5	43.8 65.8
99 68.2	49.0 73.4



#56
Ethyl methacrylate
Concen: 21.778 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion: 69	Resp: 41105
Ion Ratio	Lower Upper
69 100	
41 56.9	48.9 73.3
39 32.8	25.9 38.9





#57

1,3-Dichloropropane

Concen: 22.140 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

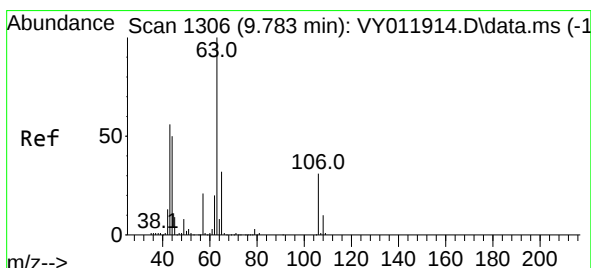
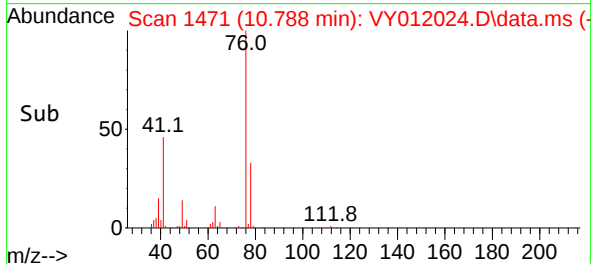
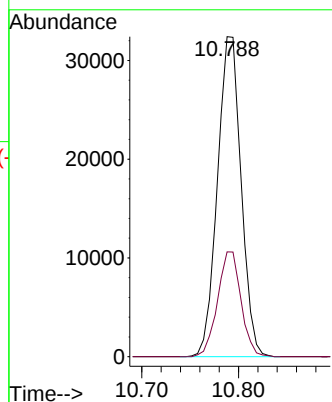
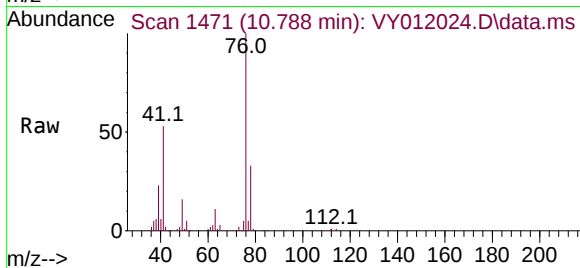
VY1229SBS01

Tgt Ion: 76 Resp: 55079

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 100.956 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012024.D

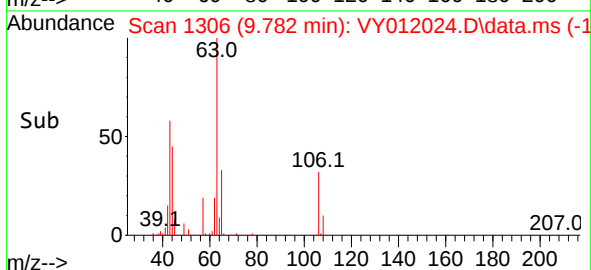
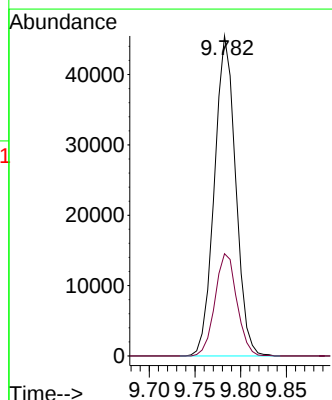
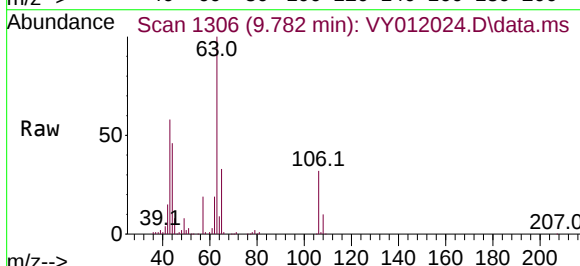
Acq: 29 Dec 2022 13:40

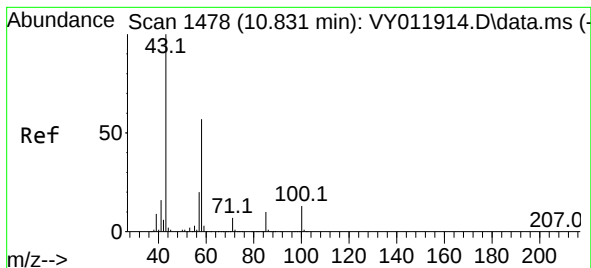
Tgt Ion: 63 Resp: 73528

Ion Ratio Lower Upper

63 100

106 32.9 23.2 34.8

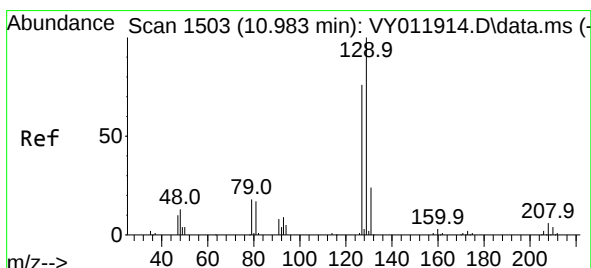
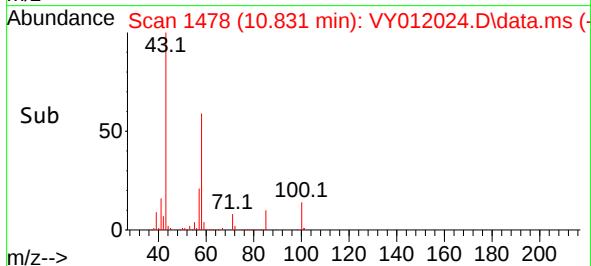
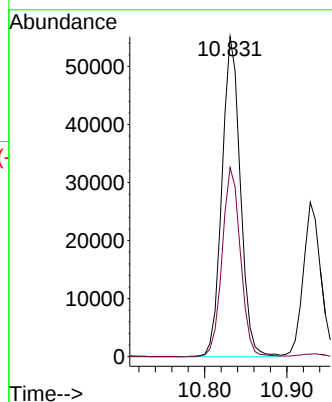
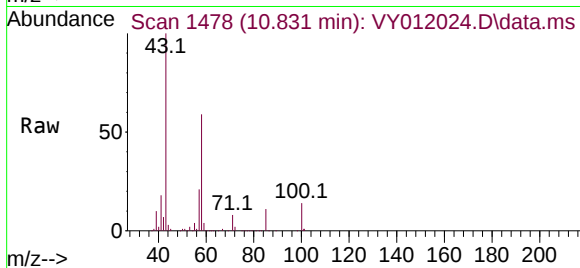




#59
2-Hexanone
Concen: 96.521 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

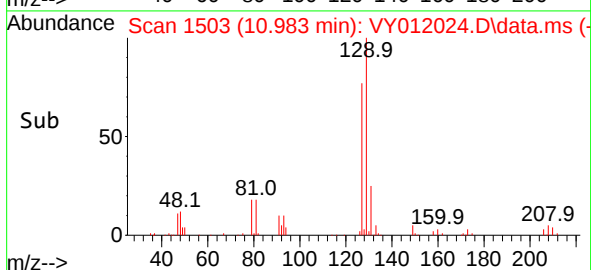
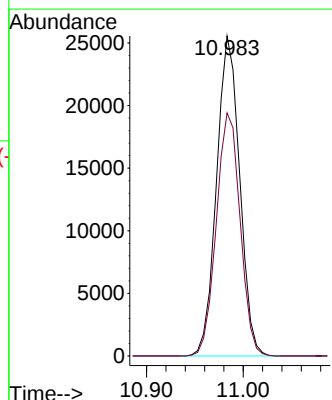
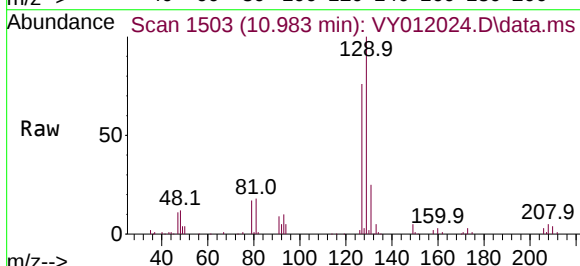
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

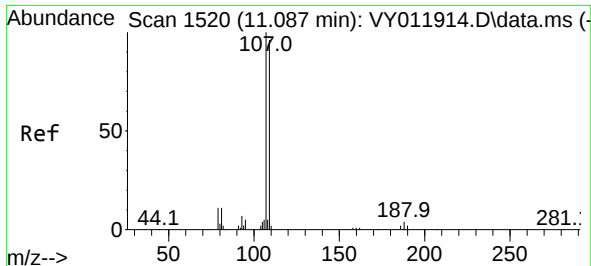
Tgt Ion: 43 Resp: 85572
Ion Ratio Lower Upper
43 100
58 59.0 28.4 85.2



#60
Dibromochloromethane
Concen: 22.555 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion: 129 Resp: 42358
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.6

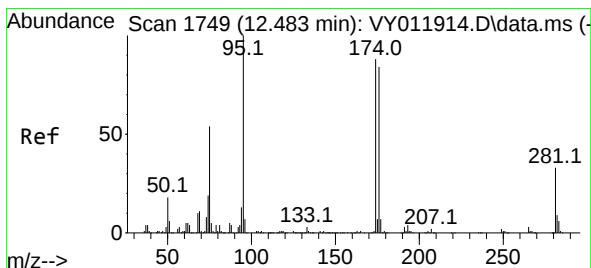
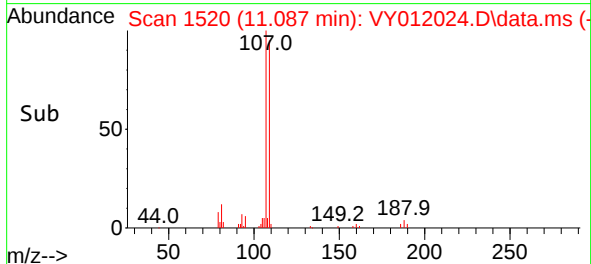
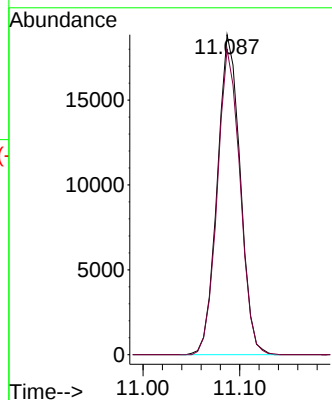
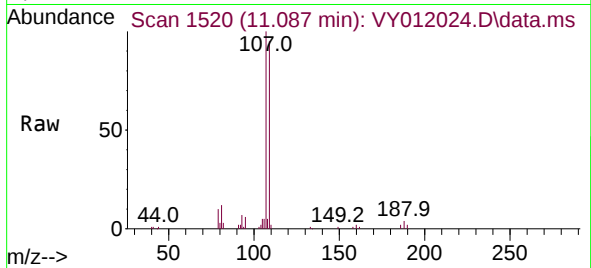




#61
1,2-Dibromoethane
Concen: 22.168 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

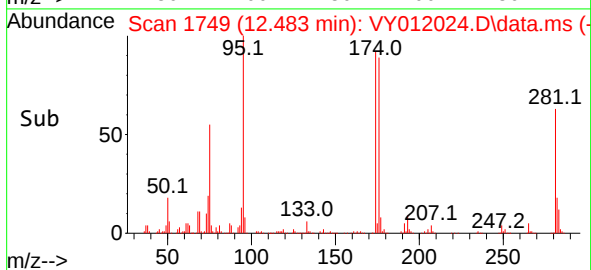
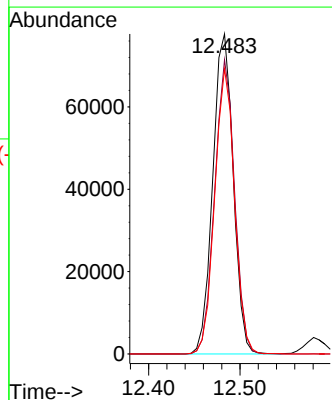
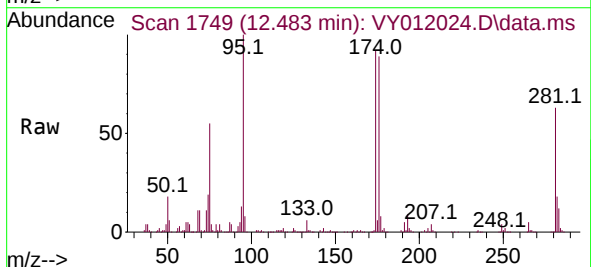
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

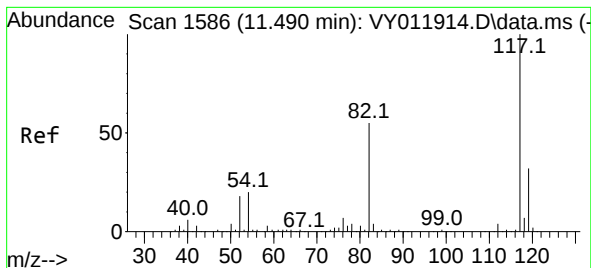
Tgt Ion:107 Resp: 30918
Ion Ratio Lower Upper
107 100
109 95.0 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 51.493 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion: 95 Resp: 120820
Ion Ratio Lower Upper
95 100
174 89.5 0.0 172.0
176 86.5 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: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1229SBS01

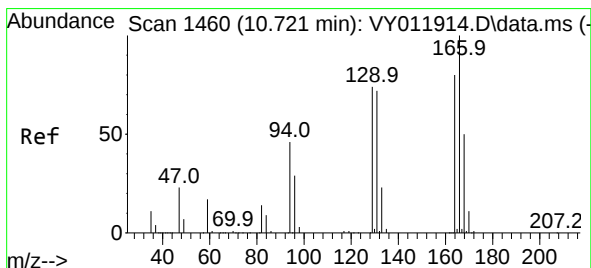
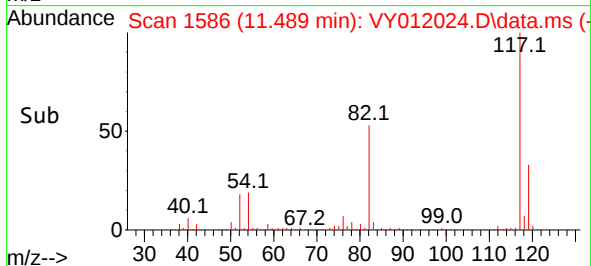
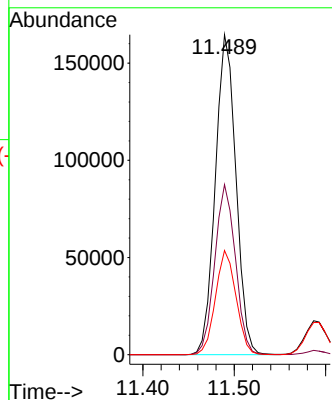
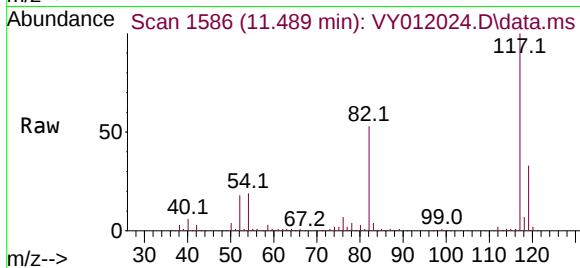
Tgt Ion:117 Resp: 258692

Ion Ratio Lower Upper

117 100

82 53.2 44.8 67.2

119 32.6 25.4 38.2



#64

Tetrachloroethene

Concen: 23.038 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Tgt Ion:164 Resp: 52167

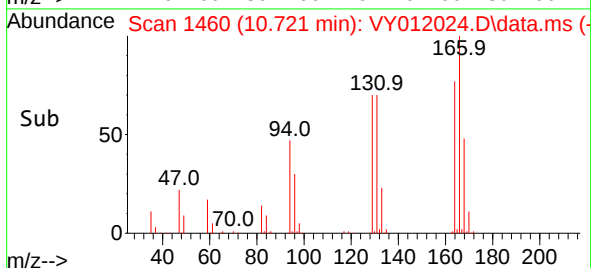
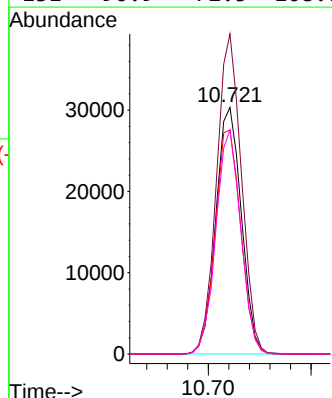
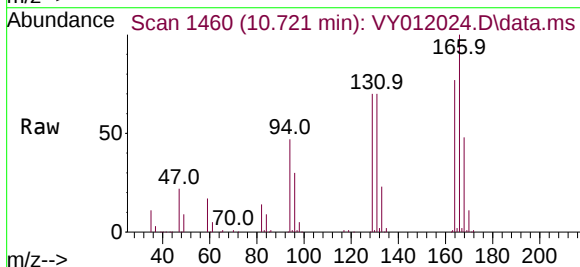
Ion Ratio Lower Upper

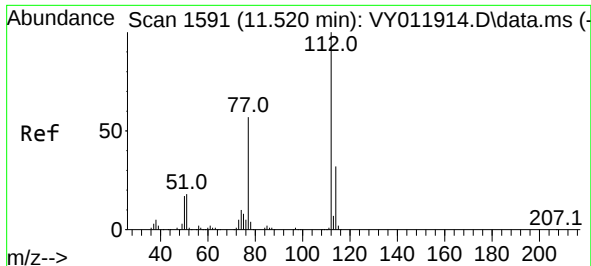
164 100

166 129.8 102.3 153.5

129 90.9 77.2 115.8

131 90.9 72.5 108.7

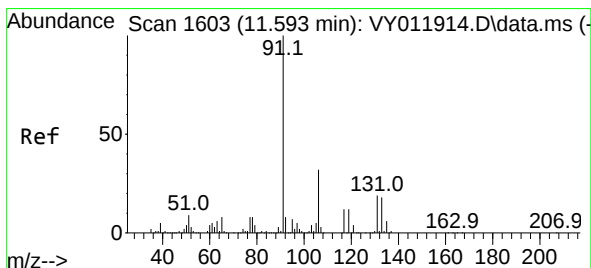
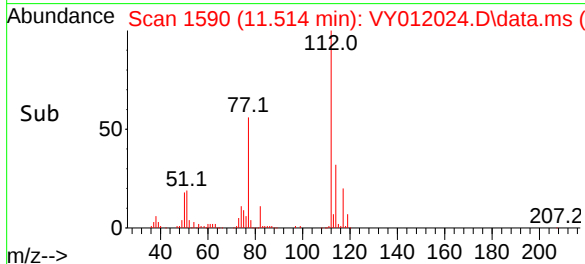
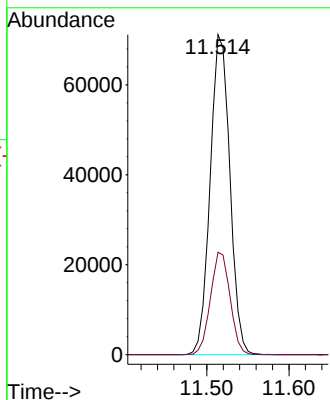
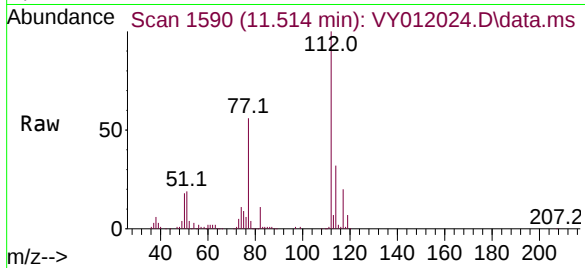




#65
Chlorobenzene
Concen: 22.047 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

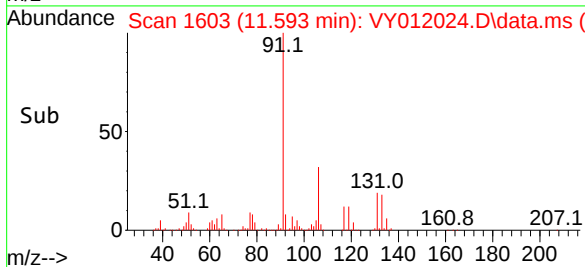
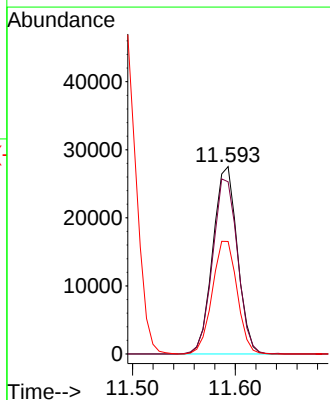
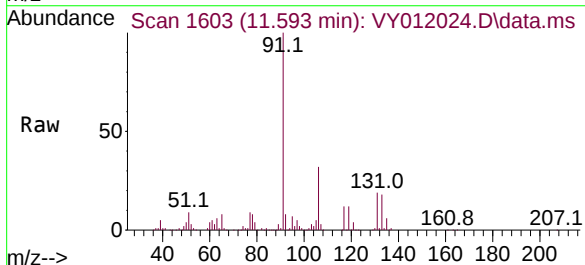
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

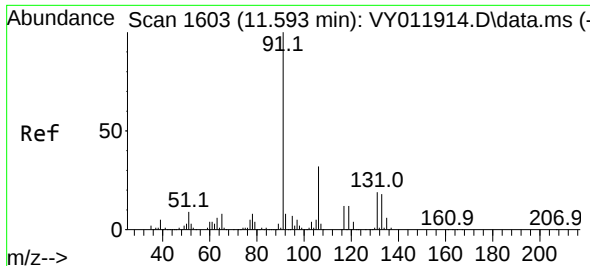
Tgt Ion:112 Resp: 118420
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 22.799 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion:131 Resp: 45563
Ion Ratio Lower Upper
131 100
133 95.4 47.3 142.0
119 61.0 32.1 96.3





#67

Ethyl Benzene

Concen: 22.404 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

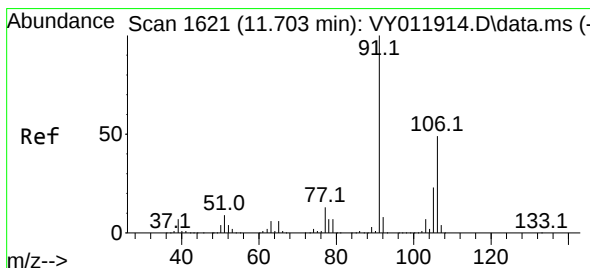
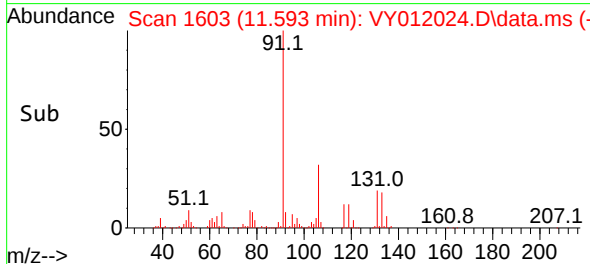
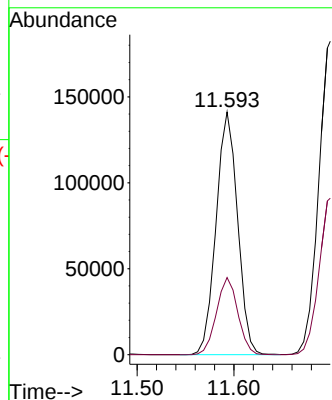
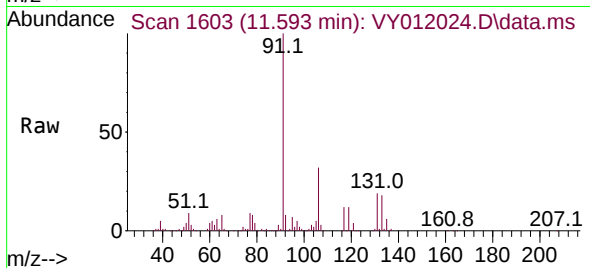
VY1229SBS01

Tgt Ion: 91 Resp: 217528

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.4



#68

m/p-Xylenes

Concen: 45.954 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012024.D

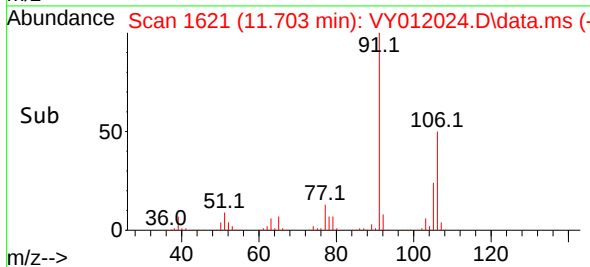
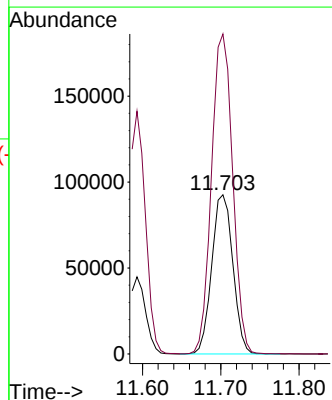
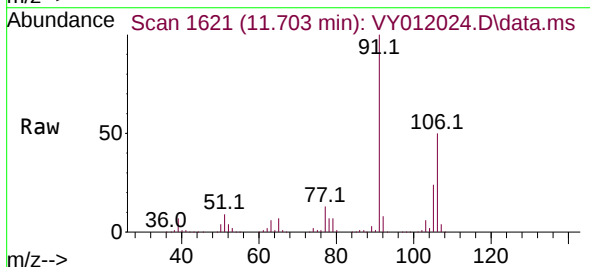
Acq: 29 Dec 2022 13:40

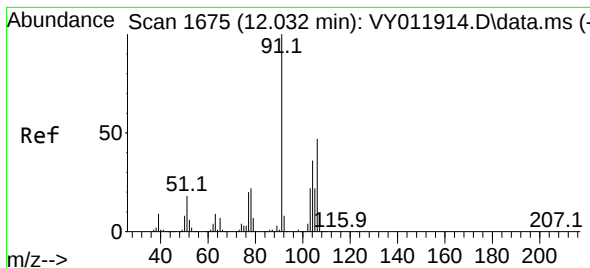
Tgt Ion:106 Resp: 173523

Ion Ratio Lower Upper

106 100

91 201.3 162.5 243.7

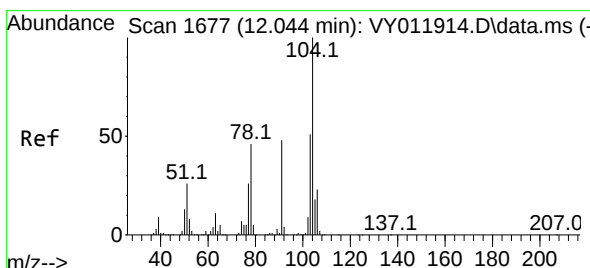
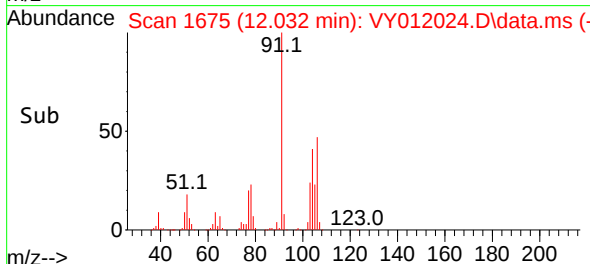
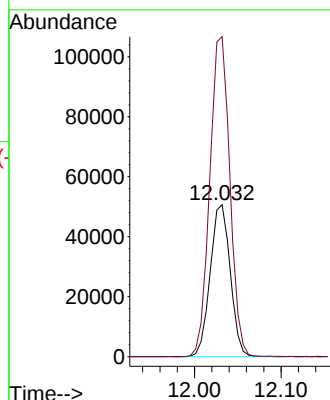
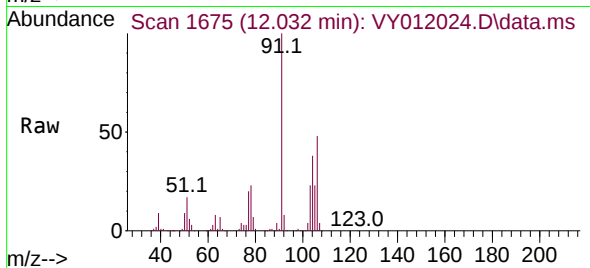




#69
o-Xylene
Concen: 23.208 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

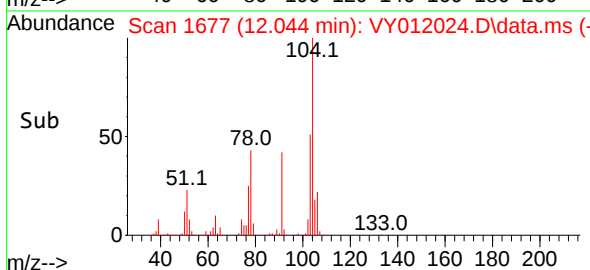
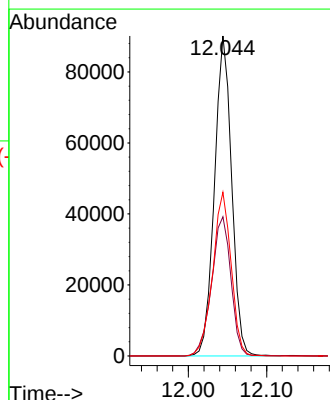
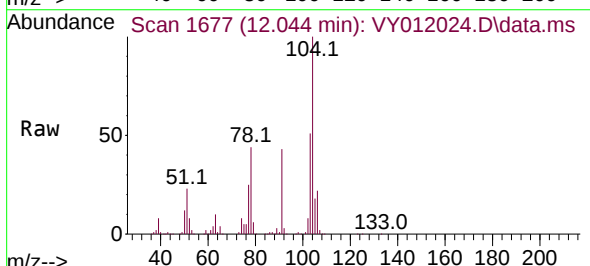
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

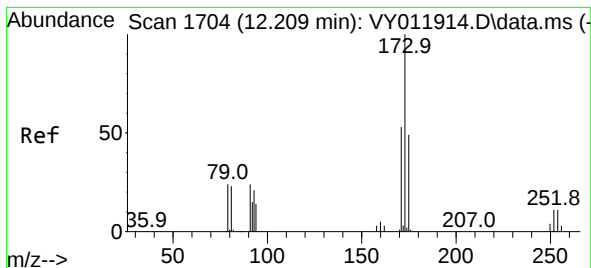
Tgt Ion:106 Resp: 81540
Ion Ratio Lower Upper
106 100
91 211.2 107.5 322.4



#70
Styrene
Concen: 23.307 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion:104 Resp: 137490
Ion Ratio Lower Upper
104 100
78 48.8 39.4 59.0
103 54.8 43.0 64.4





#71

Bromoform

Concen: 22.927 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1229SBS01

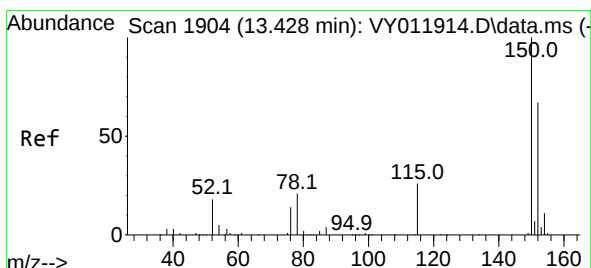
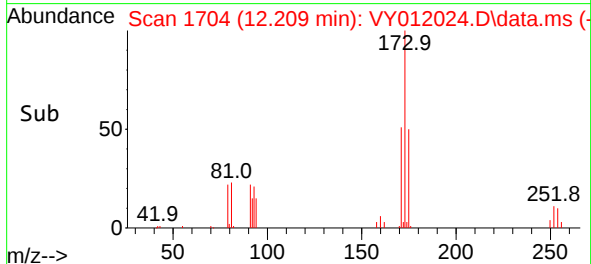
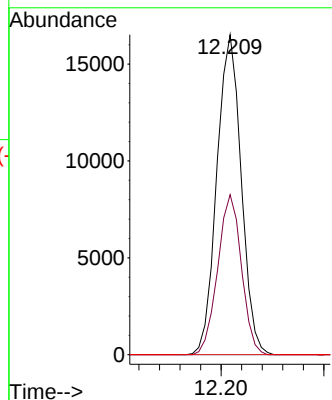
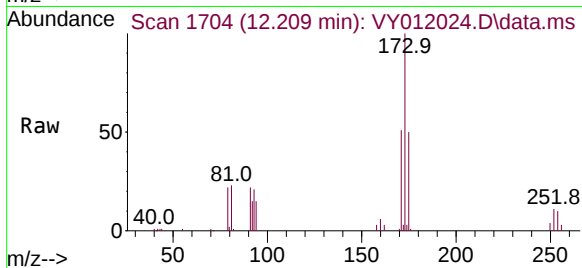
Tgt Ion:173 Resp: 27150

Ion Ratio Lower Upper

173 100

175 48.6 23.8 71.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

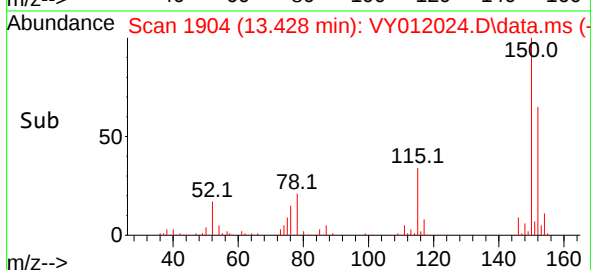
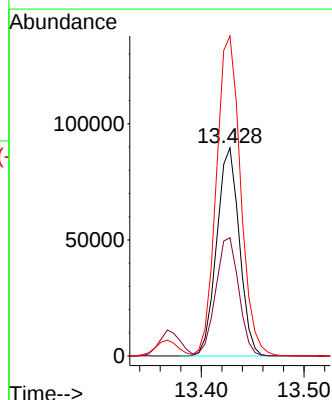
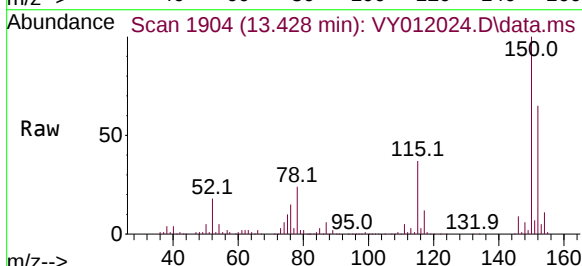
Tgt Ion:152 Resp: 136923

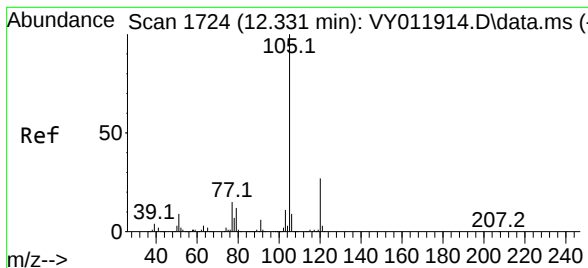
Ion Ratio Lower Upper

152 100

115 58.2 29.1 87.3

150 164.7 0.0 342.6





#73

Isopropylbenzene

Concen: 21.536 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

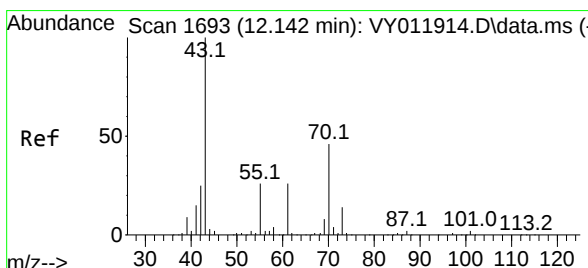
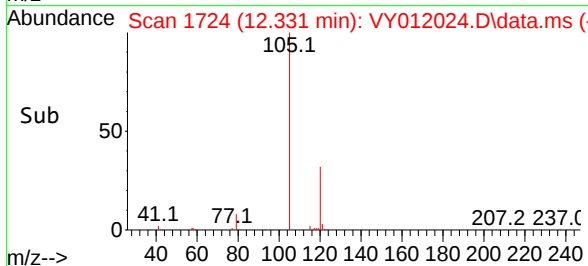
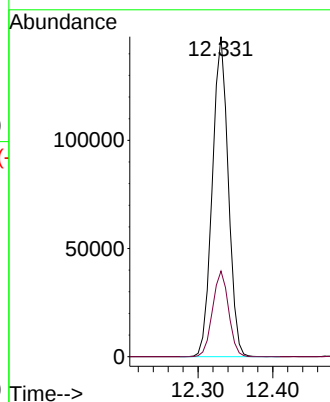
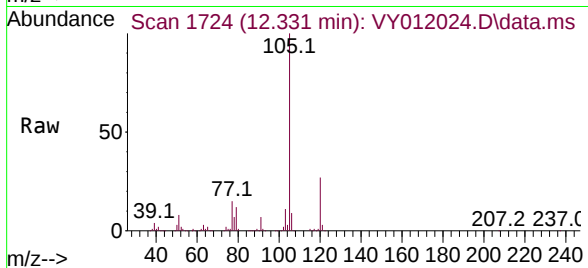
VY1229SBS01

Tgt Ion:105 Resp: 218817

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.6



#74

N-ethyl acetate

Concen: 19.887 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Tgt Ion: 43 Resp: 41425

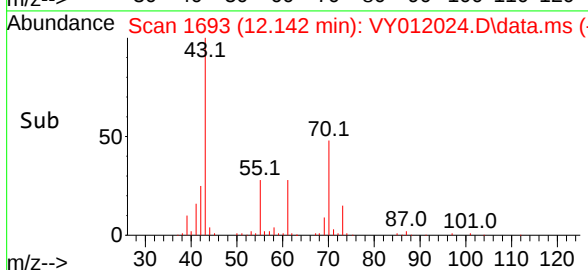
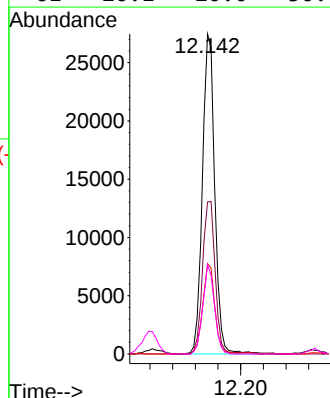
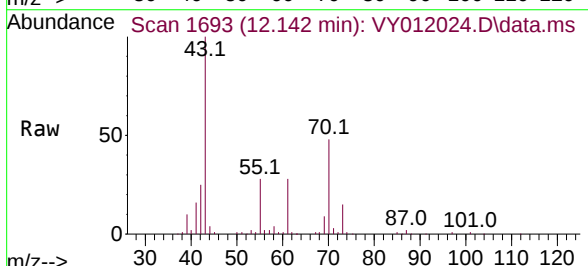
Ion Ratio Lower Upper

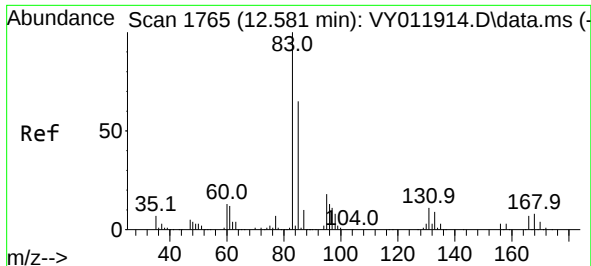
43 100

70 48.4 35.8 53.8

55 27.7 21.0 31.4

61 26.1 20.0 30.0

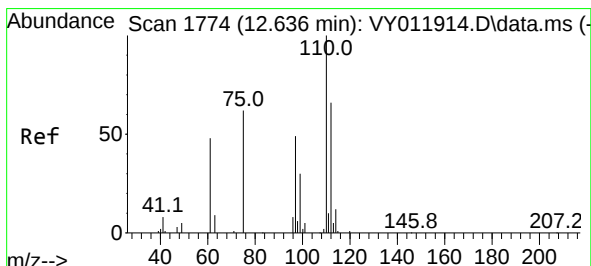
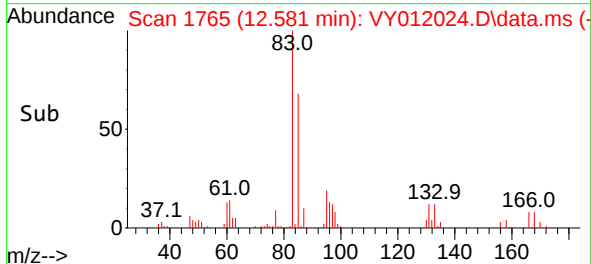
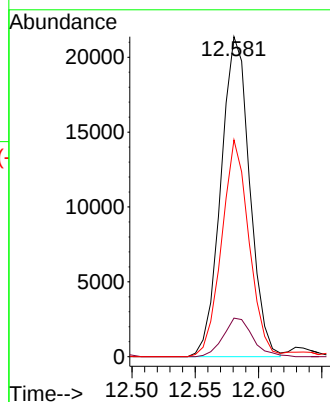
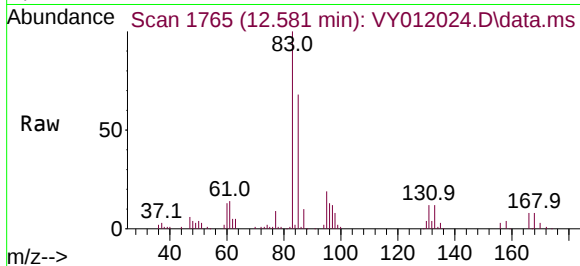




#75
1,1,2,2-Tetrachloroethane
Concen: 19.974 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

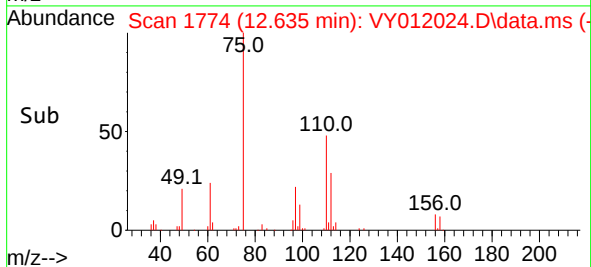
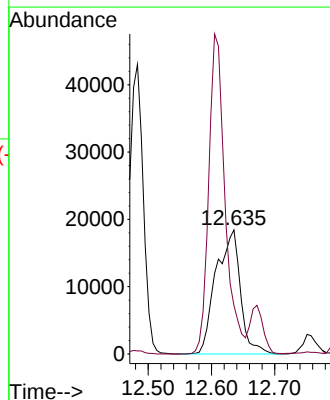
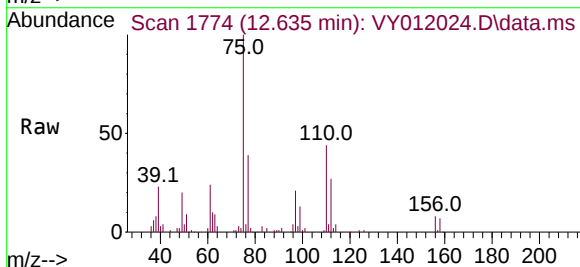
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

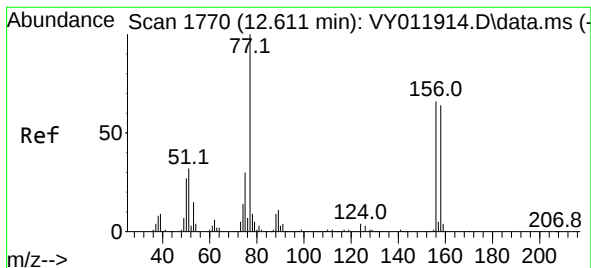
Tgt Ion: 83 Resp: 33857
Ion Ratio Lower Upper
83 100
131 12.3 5.6 16.8
85 64.3 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 28.952 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion: 75 Resp: 49328
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.061 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1229SBS01

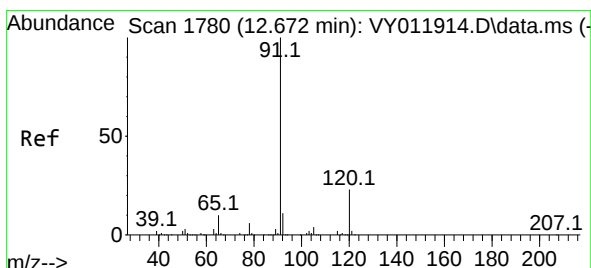
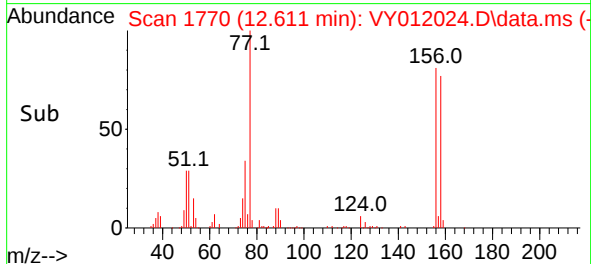
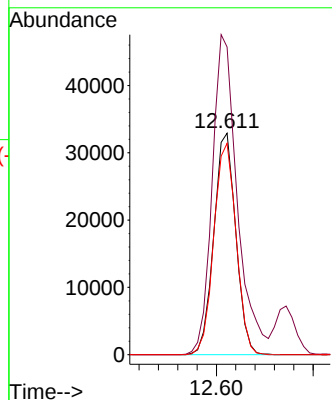
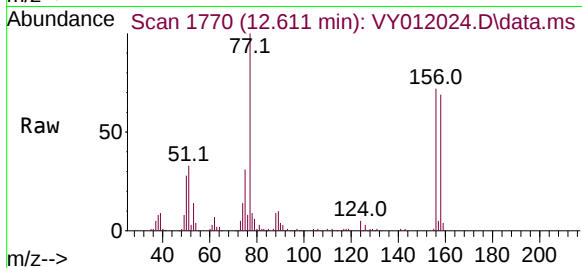
Tgt Ion:156 Resp: 51858

Ion Ratio Lower Upper

156 100

77 165.2 90.0 270.0

158 96.9 48.4 145.2



#78

n-propylbenzene

Concen: 21.211 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012024.D

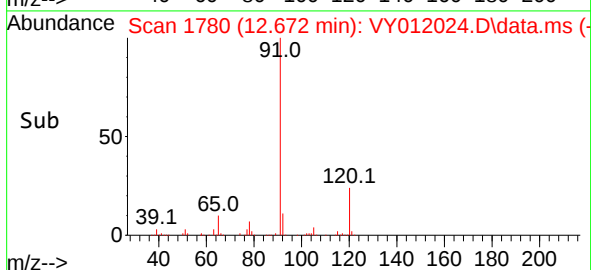
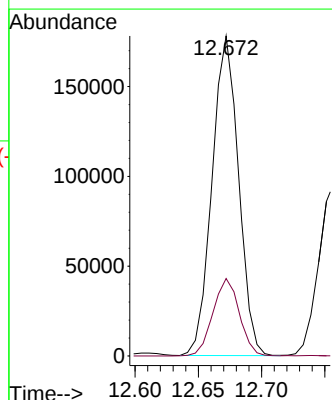
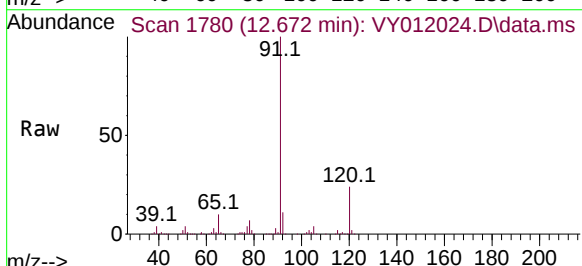
Acq: 29 Dec 2022 13:40

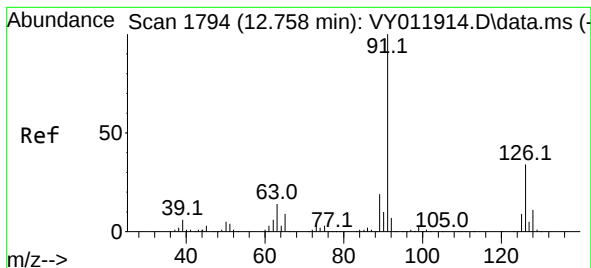
Tgt Ion: 91 Resp: 259051

Ion Ratio Lower Upper

91 100

120 24.1 11.8 35.4

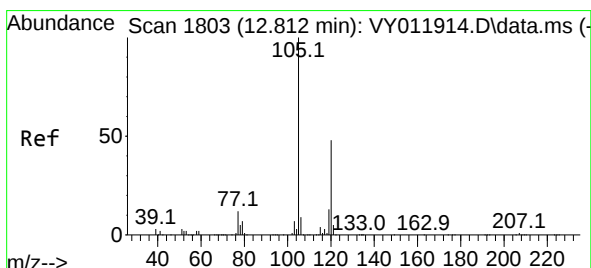
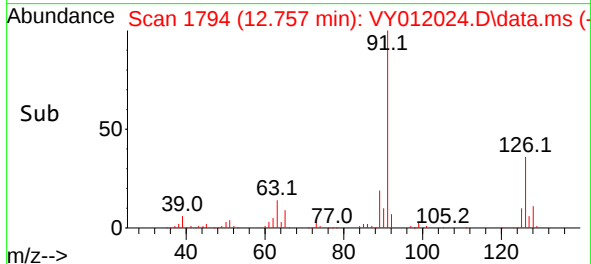
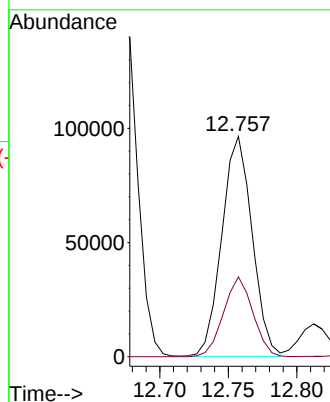
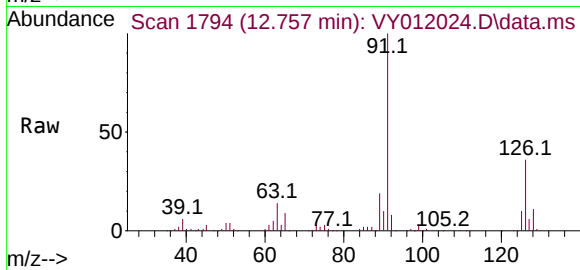




#79
2-Chlorotoluene
Concen: 21.571 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

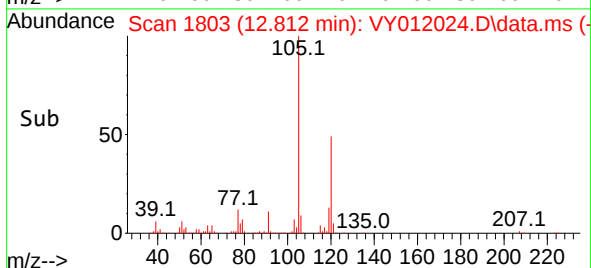
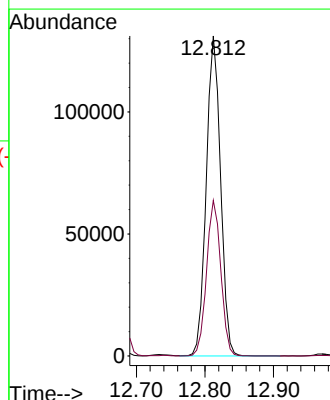
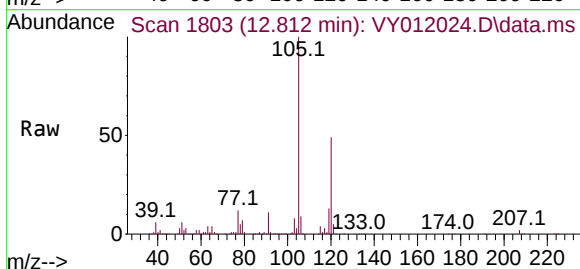
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

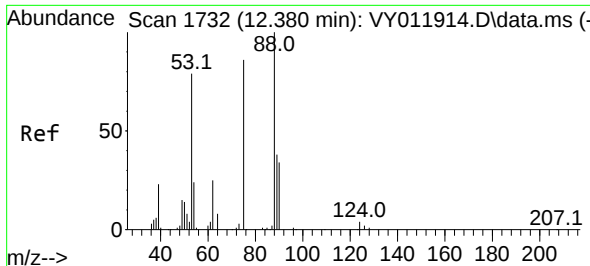
Tgt Ion: 91 Resp: 148089
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 21.942 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion: 105 Resp: 190872
Ion Ratio Lower Upper
105 100
120 48.4 24.2 72.6

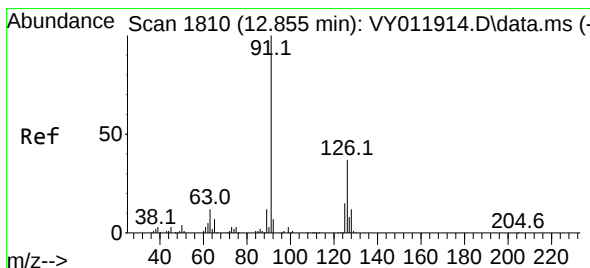
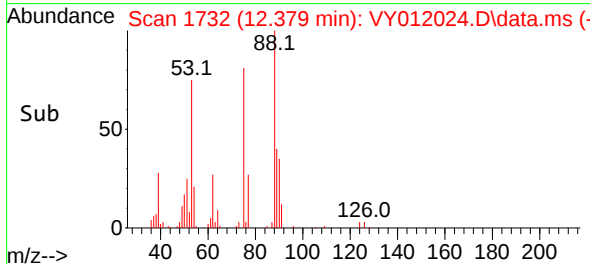
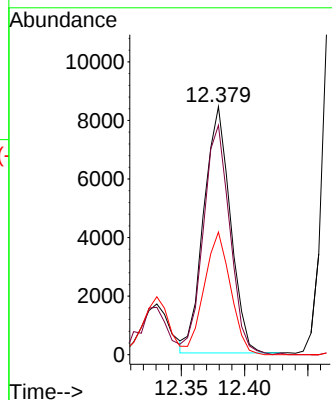
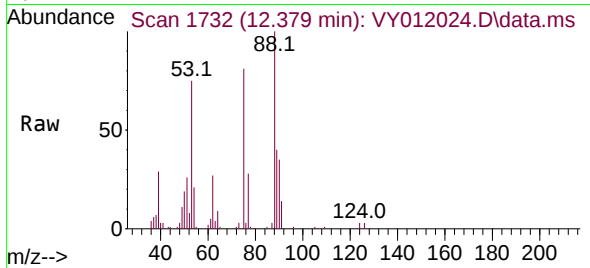




#81
trans-1,4-Dichloro-2-butene
Concen: 19.791 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

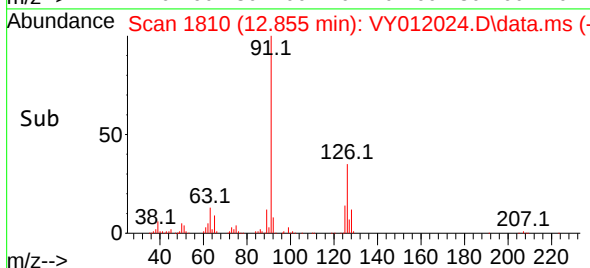
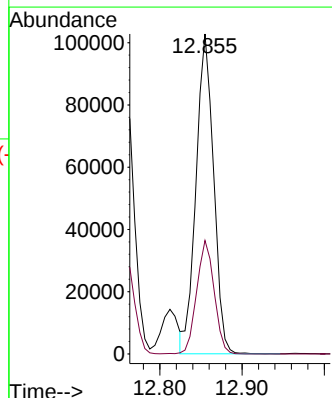
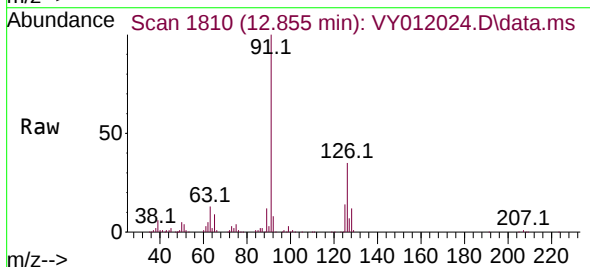
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

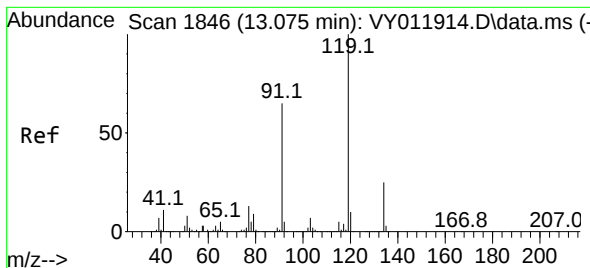
Tgt Ion: 75 Resp: 12313
Ion Ratio Lower Upper
75 100
53 93.1 72.5 108.7
89 48.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.443 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion: 91 Resp: 152313
Ion Ratio Lower Upper
91 100
126 35.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 21.868 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1229SBS01

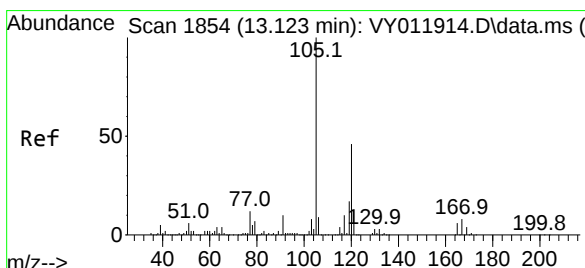
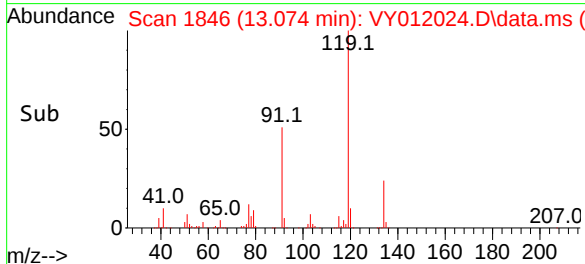
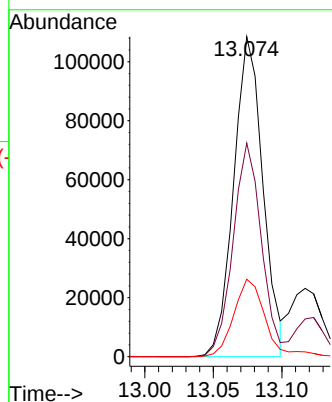
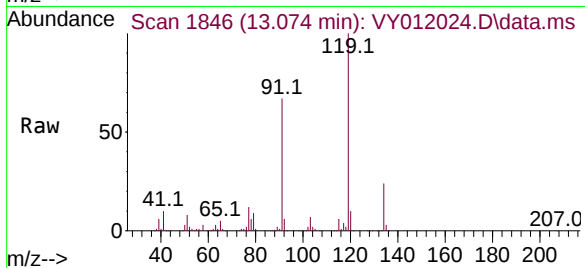
Tgt Ion:119 Resp: 161221

Ion Ratio Lower Upper

119 100

91 64.6 32.3 96.8

134 26.1 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 22.053 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY012024.D

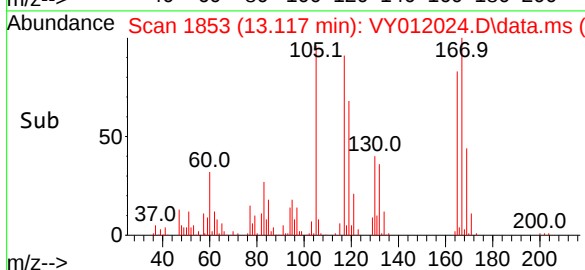
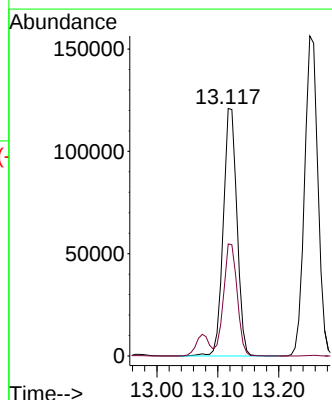
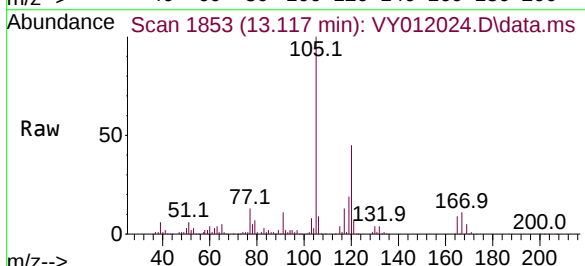
Acq: 29 Dec 2022 13:40

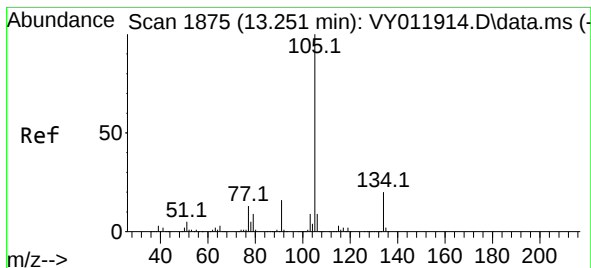
Tgt Ion:105 Resp: 188729

Ion Ratio Lower Upper

105 100

120 44.9 22.9 68.7





#85

sec-Butylbenzene

Concen: 21.541 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

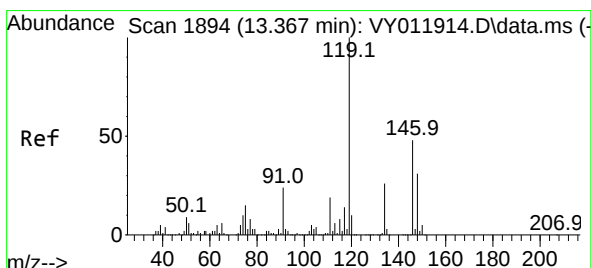
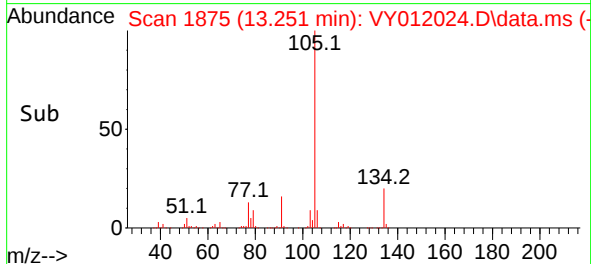
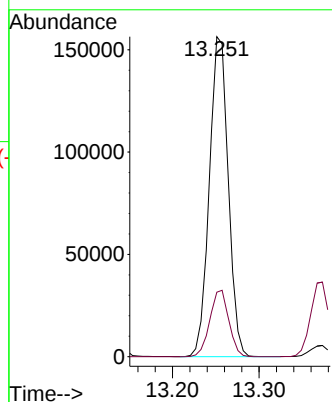
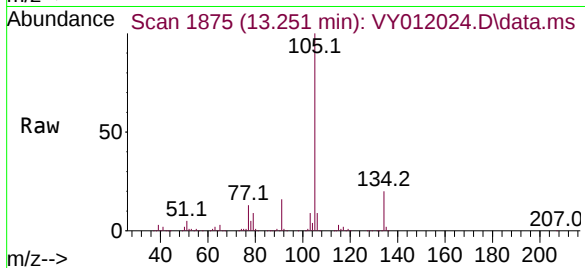
VY1229SBS01

Tgt Ion:105 Resp: 237148

Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.3



#86

p-Isopropyltoluene

Concen: 21.951 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

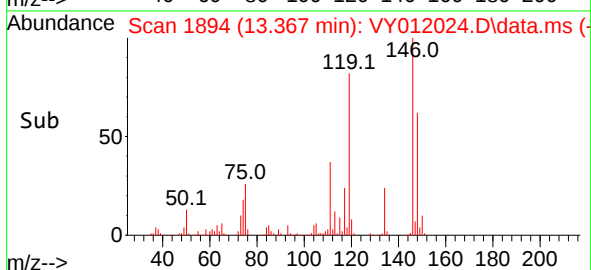
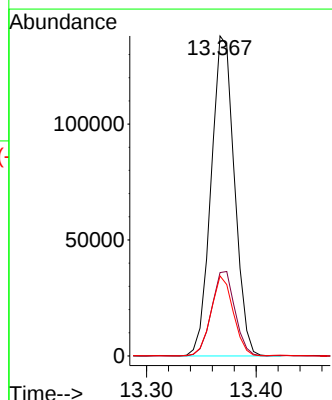
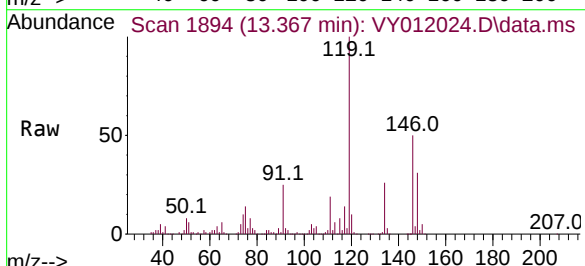
Tgt Ion:119 Resp: 203908

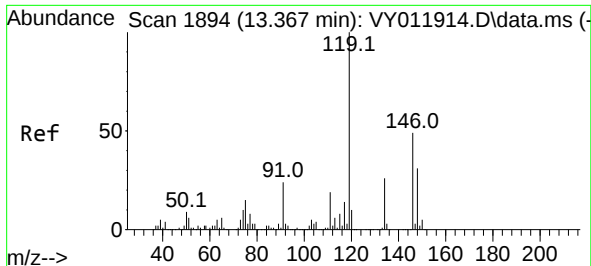
Ion Ratio Lower Upper

119 100

134 26.5 13.0 39.0

91 23.8 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 21.965 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1229SBS01

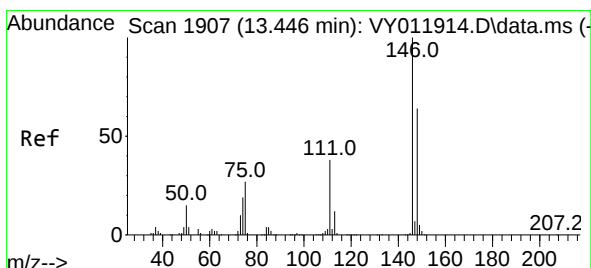
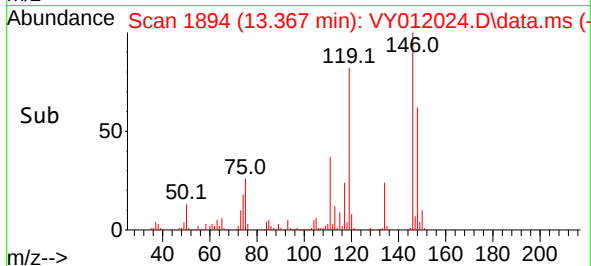
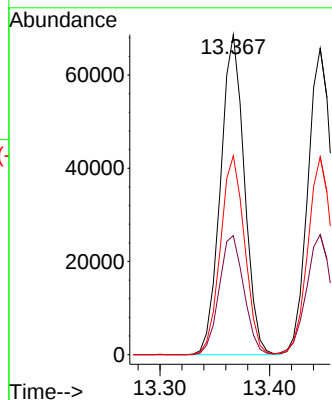
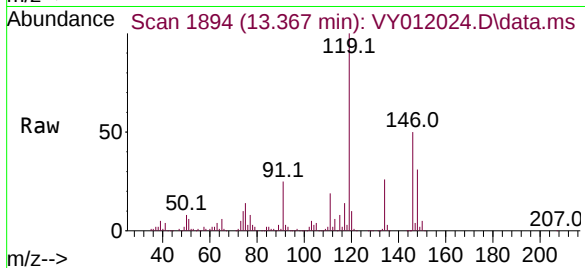
Tgt Ion:146 Resp: 103838

Ion Ratio Lower Upper

146 100

111 38.5 19.7 59.0

148 63.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 21.636 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

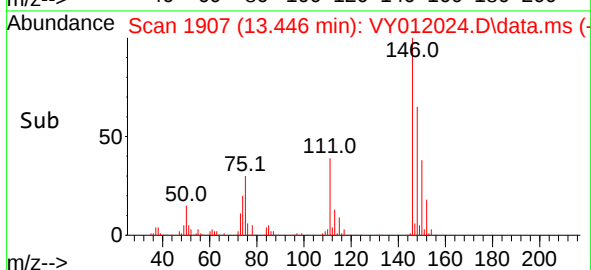
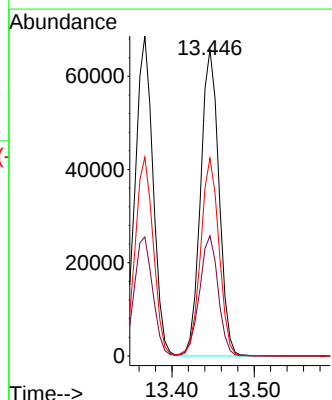
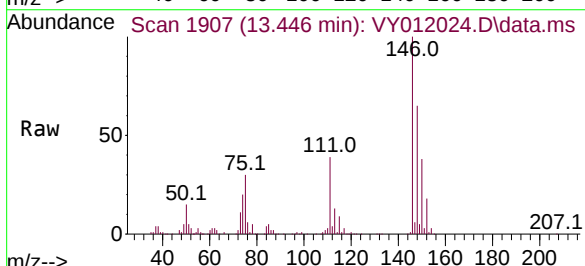
Tgt Ion:146 Resp: 101684

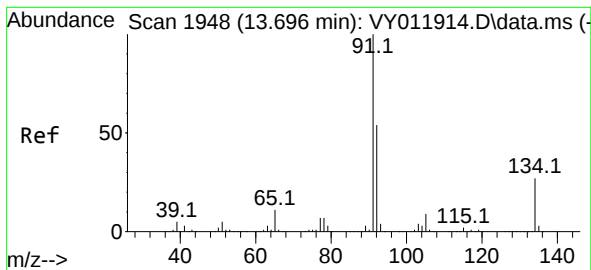
Ion Ratio Lower Upper

146 100

111 40.0 19.6 58.7

148 64.6 31.9 95.7





#89

n-Butylbenzene

Concen: 21.554 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1229SBS01

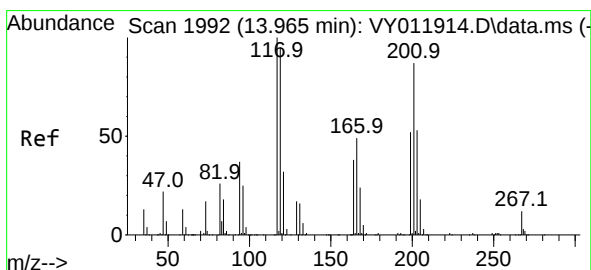
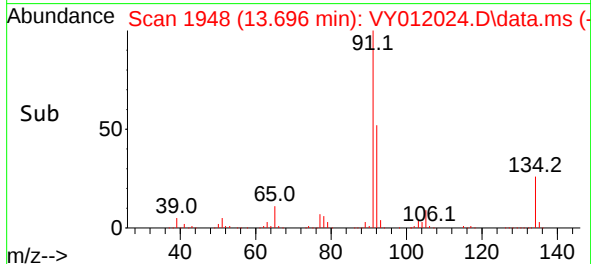
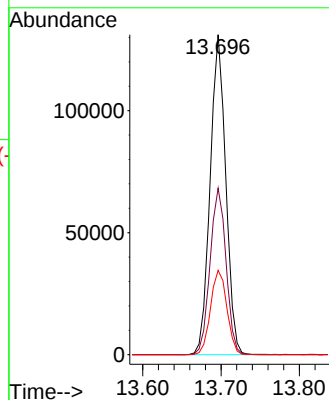
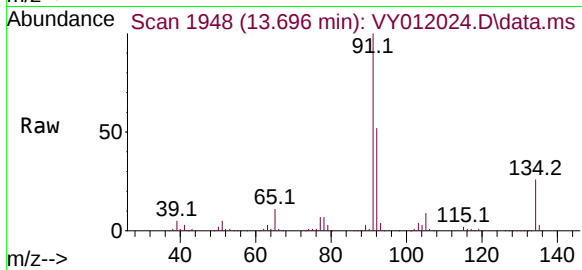
Tgt Ion: 91 Resp: 181249

Ion Ratio Lower Upper

91 100

92 53.3 26.8 80.4

134 27.6 13.3 39.8



#90

Hexachloroethane

Concen: 21.229 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012024.D

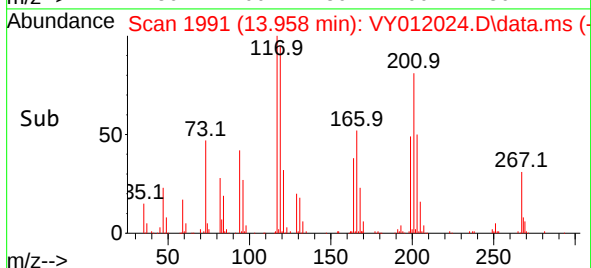
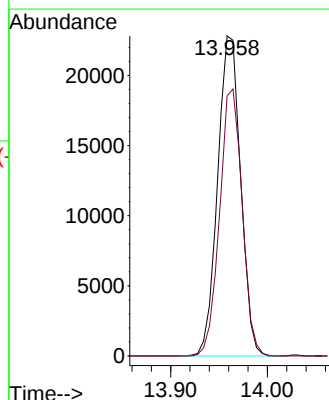
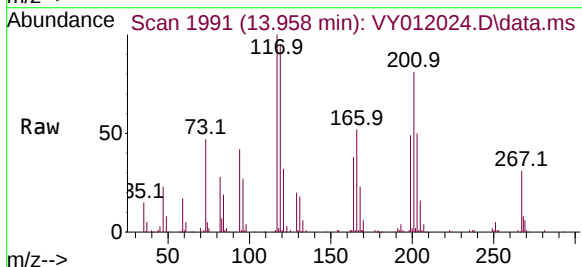
Acq: 29 Dec 2022 13:40

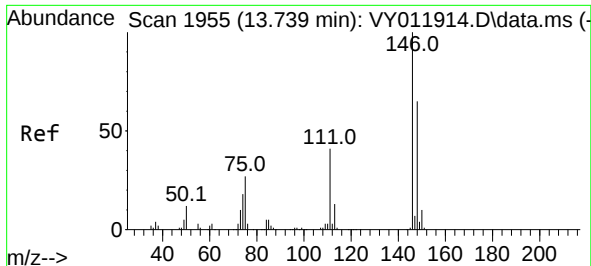
Tgt Ion: 117 Resp: 37626

Ion Ratio Lower Upper

117 100

201 81.8 40.3 120.8

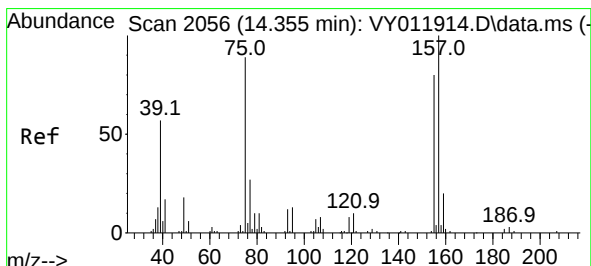
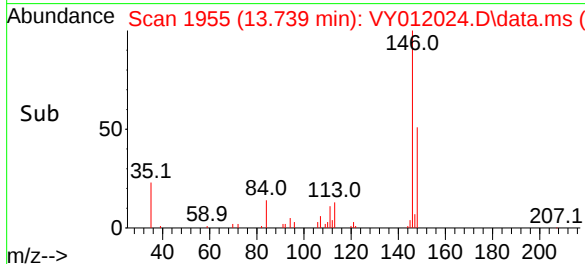
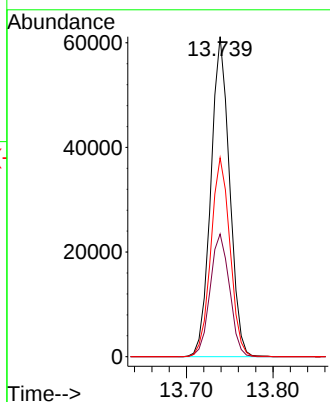
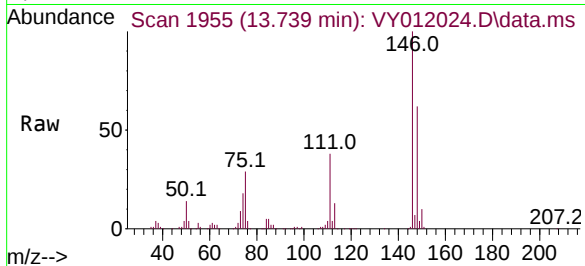




#91
1,2-Dichlorobenzene
Concen: 22.299 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

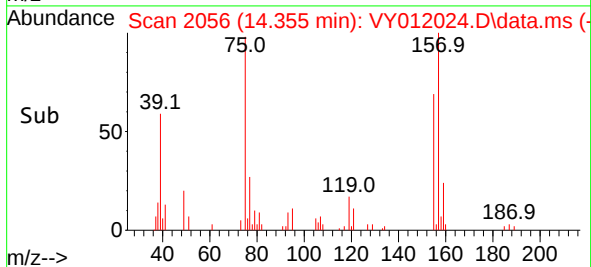
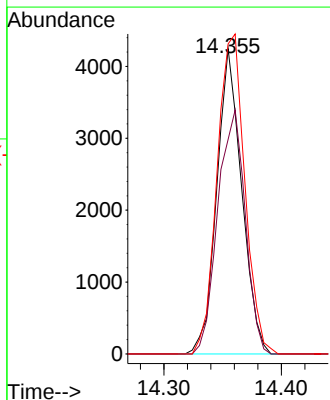
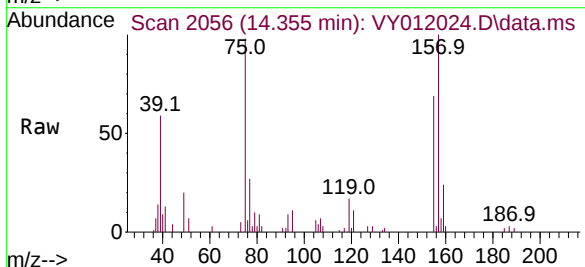
Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

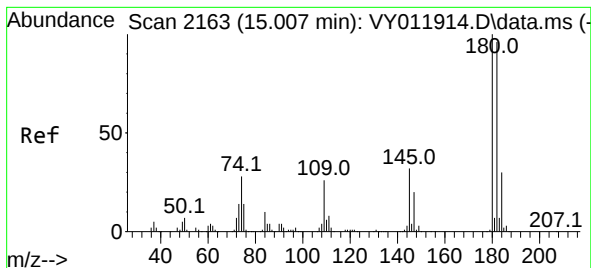
Tgt Ion:146	Resp:	91902
Ion Ratio	Lower	Upper
146	100	
111	39.6	20.3 60.8
148	63.5	31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.514 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion: 75	Resp:	6267
Ion Ratio	Lower	Upper
75	100	
155	87.8	42.3 126.8
157	116.4	54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 23.558 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1229SBS01

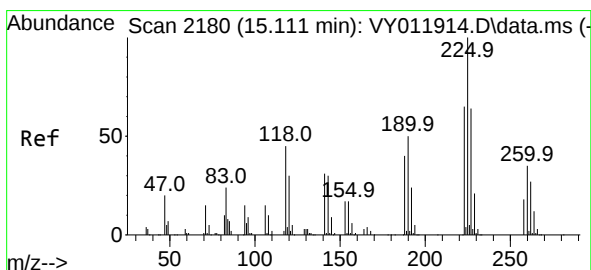
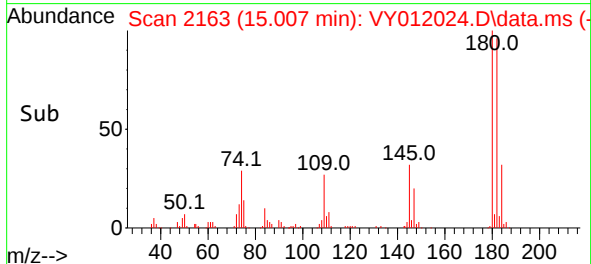
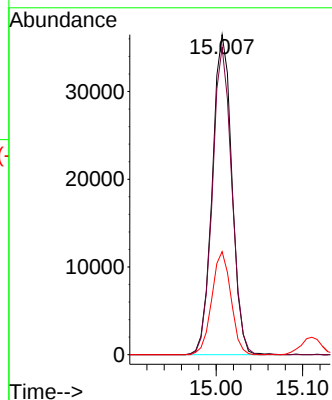
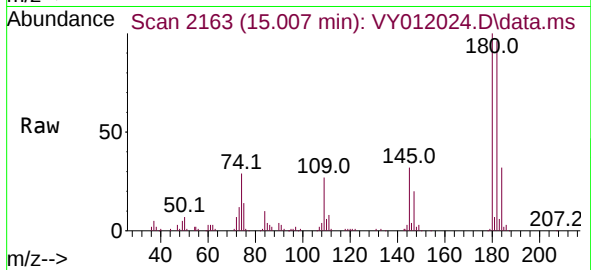
Tgt Ion:180 Resp: 57114

Ion Ratio Lower Upper

180 100

182 95.2 48.1 144.3

145 31.5 15.4 46.4



#94

Hexachlorobutadiene

Concen: 23.026 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012024.D

Acq: 29 Dec 2022 13:40

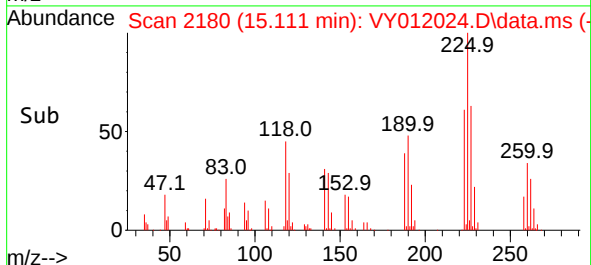
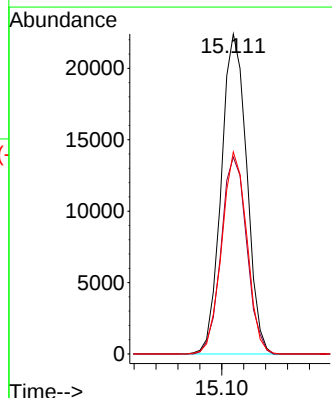
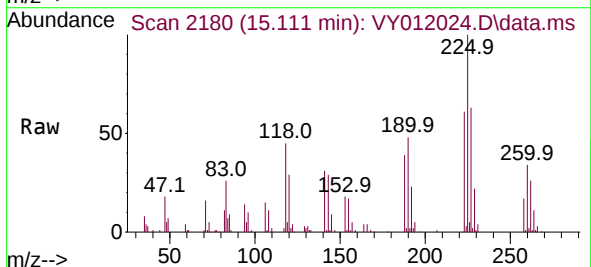
Tgt Ion:225 Resp: 36071

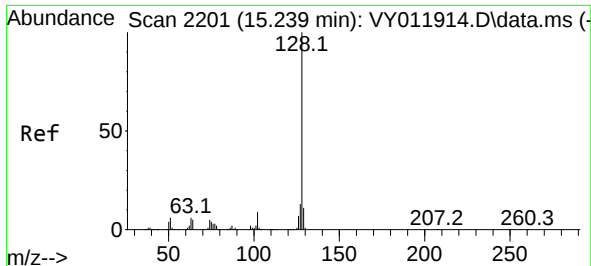
Ion Ratio Lower Upper

225 100

223 61.9 31.4 94.2

227 62.4 32.6 97.8

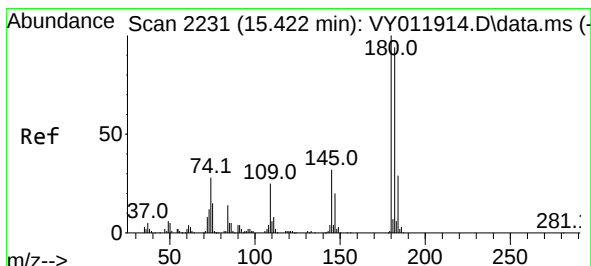
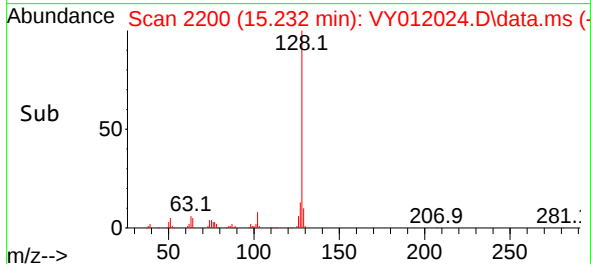
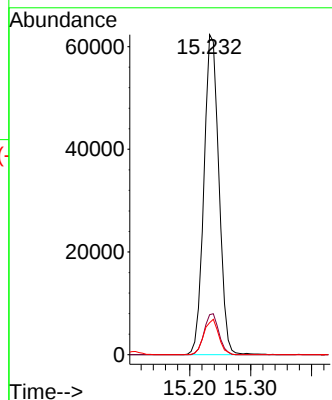
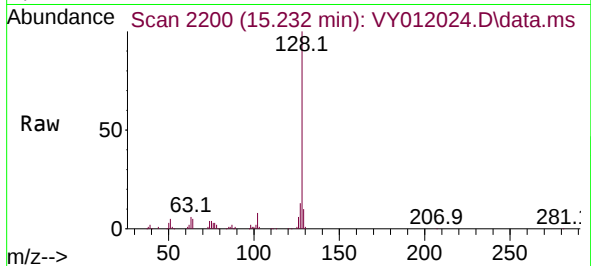




#95
Naphthalene
Concen: 22.685 ug/l
RT: 15.232 min Scan# 21
Delta R.T. -0.007 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :
VY1229SBS01

Tgt Ion:128 Resp: 106291
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 23.952 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY012024.D
Acq: 29 Dec 2022 13:40

Tgt Ion:180 Resp: 49096
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.7
145 32.1 16.1 48.2

