

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014253.D
 Acq On : 20 Jun 2023 02:18
 Operator : KP/MD
 Sample : VY00619SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS02

Quant Time: Jun 20 05:06:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	185731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	286320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	282192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	132195	51.113	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.220%	
35) Dibromofluoromethane	7.728	113	112142	55.228	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.460%	
50) Toluene-d8	10.185	98	377314	49.704	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	12.483	95	151299	56.106	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	44576	21.535	ug/l	97
3) Chloromethane	2.119	50	48466	18.466	ug/l	98
4) Vinyl Chloride	2.253	62	47497	18.613	ug/l	97
5) Bromomethane	2.638	94	38087	18.090	ug/l	98
6) Chloroethane	2.790	64	32080	18.501	ug/l	98
7) Trichlorofluoromethane	3.125	101	87837	21.188	ug/l	96
8) Diethyl Ether	3.534	74	27807	20.088	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	43226	20.661	ug/l	99
10) Methyl Iodide	4.095	142	44855	16.236	ug/l	97
11) Tert butyl alcohol	4.966	59	35736	107.689	ug/l #	82
12) 1,1-Dichloroethene	3.881	96	40162	18.939	ug/l	98
13) Acrolein	3.729	56	13325	84.483	ug/l	96
14) Allyl chloride	4.485	41	71870	18.697	ug/l	100
15) Acrylonitrile	5.174	53	83546	117.013	ug/l	99
16) Acetone	3.954	43	77170	98.987	ug/l	100
17) Carbon Disulfide	4.198	76	114704	16.692	ug/l	100
18) Methyl Acetate	4.485	43	89315	29.516	ug/l	99
19) Methyl tert-butyl Ether	5.229	73	132117	21.124	ug/l	98
20) Methylene Chloride	4.716	84	71560	27.110	ug/l	92
21) trans-1,2-Dichloroethene	5.235	96	46063	19.475	ug/l	94
22) Diisopropyl ether	6.125	45	153592	20.869	ug/l	96
23) Vinyl Acetate	6.070	43	395303	91.032	ug/l	97
24) 1,1-Dichloroethane	6.027	63	88269	20.801	ug/l	98
25) 2-Butanone	6.990	43	117115	122.039	ug/l	96
26) 2,2-Dichloropropane	6.990	77	71780	18.010	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	54822	20.720	ug/l	98
28) Bromochloromethane	7.344	49	38583	22.358	ug/l	94
29) Tetrahydrofuran	7.356	42	74768	122.867	ug/l	97
30) Chloroform	7.515	83	96255	21.381	ug/l	93
31) Cyclohexane	7.789	56	66933	19.319	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	84676	20.855	ug/l	99
36) 1,1-Dichloropropene	7.929	75	63331	20.006	ug/l	98
37) Ethyl Acetate	7.082	43	48781	22.333	ug/l	99
38) Carbon Tetrachloride	7.905	117	78080	21.374	ug/l	99
39) Methylcyclohexane	9.191	83	69541	19.799	ug/l	97
40) Benzene	8.167	78	196839	20.911	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014253.D
 Acq On : 20 Jun 2023 02:18
 Operator : KP/MD
 Sample : VY00619SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS02

Quant Time: Jun 20 05:06:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	72213	64.781	ug/l #	40
42) 1,2-Dichloroethane	8.240	62	71828	21.578	ug/l	99
43) Isopropyl Acetate	8.283	43	84530	22.081	ug/l	97
44) Trichloroethene	8.947	130	52873	21.023	ug/l	98
45) 1,2-Dichloropropane	9.222	63	51001	21.331	ug/l	96
46) Dibromomethane	9.313	93	31659	21.511	ug/l	98
47) Bromodichloromethane	9.502	83	74479	21.613	ug/l	99
48) Methyl methacrylate	9.301	41	40885	22.898	ug/l	98
49) 1,4-Dioxane	9.307	88	9249	494.570	ug/l #	61
51) 4-Methyl-2-Pentanone	10.075	43	256208	123.187	ug/l	100
52) Toluene	10.246	92	124514	21.338	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	73583	20.284	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	79717	20.140	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	44895	22.998	ug/l	96
56) Ethyl methacrylate	10.514	69	58815	21.843	ug/l	96
57) 1,3-Dichloropropane	10.795	76	71801	21.506	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	84319	90.678	ug/l	97
59) 2-Hexanone	10.837	43	182394	121.420	ug/l	99
60) Dibromochloromethane	10.990	129	57136	22.868	ug/l	99
61) 1,2-Dibromoethane	11.093	107	43492	22.575	ug/l	99
64) Tetrachloroethene	10.721	164	59806	24.864	ug/l	99
65) Chlorobenzene	11.520	112	135140	19.930	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	54880	20.578	ug/l	98
67) Ethyl Benzene	11.599	91	234543	19.761	ug/l	99
68) m/p-Xylenes	11.709	106	182178	39.906	ug/l	100
69) o-Xylene	12.032	106	87869	20.358	ug/l	99
70) Styrene	12.051	104	150724	20.461	ug/l	99
71) Bromoform	12.209	173	40158	21.987	ug/l #	100
73) Isopropylbenzene	12.331	105	230494	18.996	ug/l	100
74) N-amyl acetate	12.148	43	70442	18.320	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	55318	20.403	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	75536	36.197	ug/l #	100
77) Bromobenzene	12.611	156	62658	19.647	ug/l	96
78) n-propylbenzene	12.672	91	287727	19.414	ug/l	100
79) 2-Chlorotoluene	12.758	91	165129	19.364	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	202511	19.492	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	17709	18.344	ug/l	95
82) 4-Chlorotoluene	12.861	91	172470	19.085	ug/l	98
83) tert-Butylbenzene	13.075	119	171431	19.417	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	201515	19.594	ug/l	100
85) sec-Butylbenzene	13.258	105	252927	19.704	ug/l	99
86) p-Isopropyltoluene	13.373	119	209985	19.115	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	119875	19.687	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	120044	19.567	ug/l	99
89) n-Butylbenzene	13.697	91	194730	19.111	ug/l	99
90) Hexachloroethane	13.965	117	43273	19.768	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	111131	20.321	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11323	21.931	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	66542	19.207	ug/l	99
94) Hexachlorobutadiene	15.111	225	42136	21.067	ug/l	95
95) Naphthalene	15.239	128	138652	19.718	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	60885	19.449	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
Data File : VY014253.D
Acq On : 20 Jun 2023 02:18
Operator : KP/MD
Sample : VY00619SBS02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

Quant Time: Jun 20 05:06:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

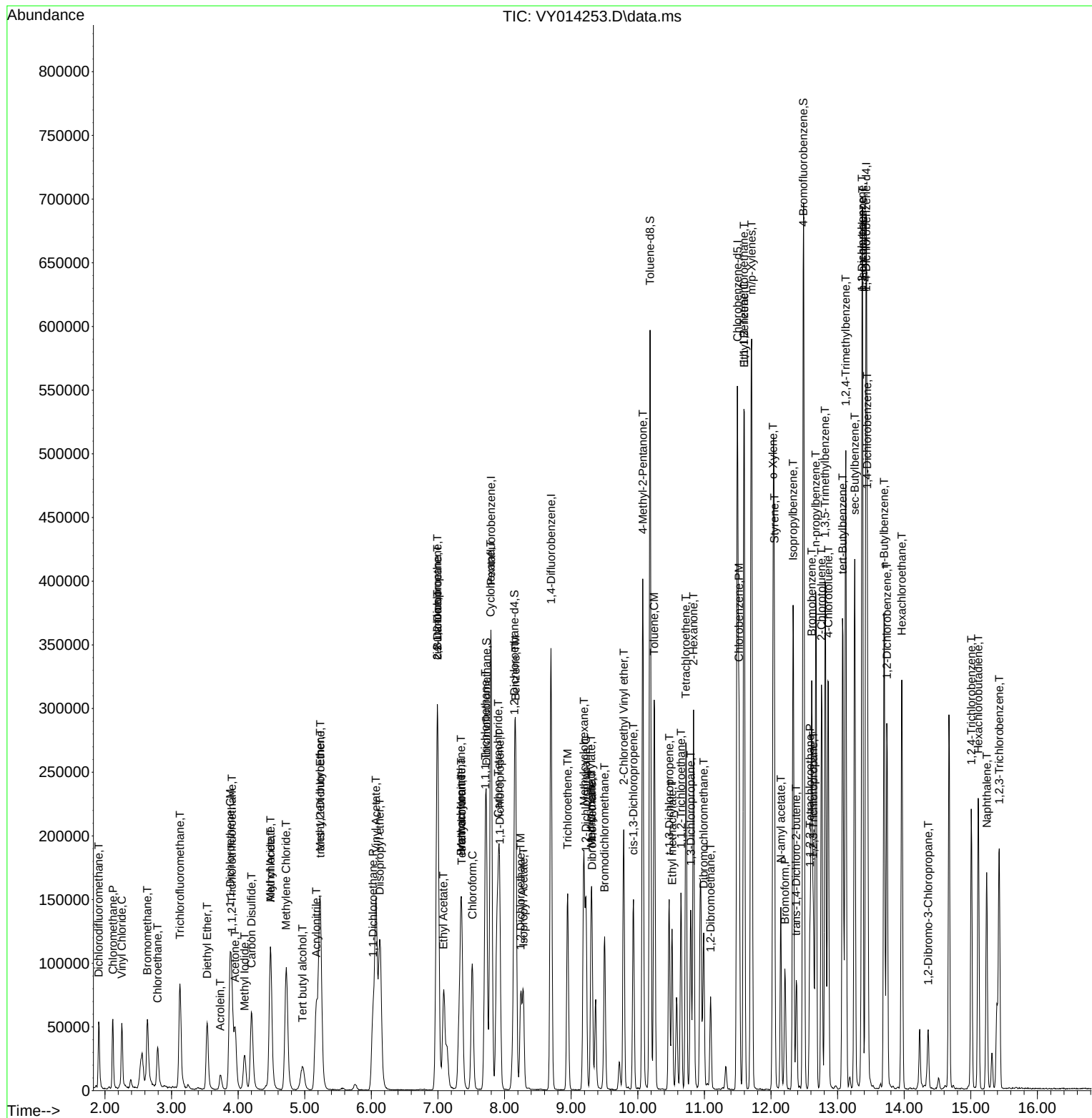
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

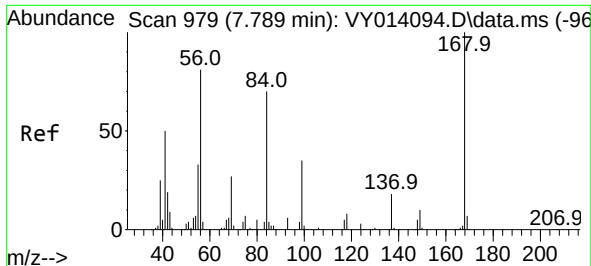
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014253.D
 Acq On : 20 Jun 2023 02:18
 Operator : KP/MD
 Sample : VY0619SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS02

Quant Time: Jun 20 05:06:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

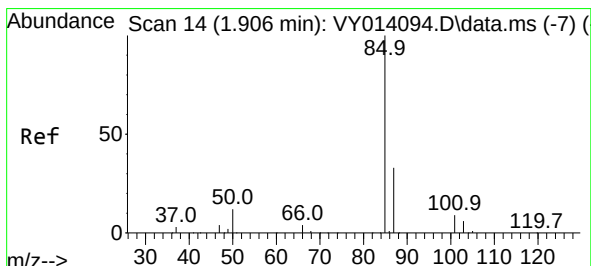
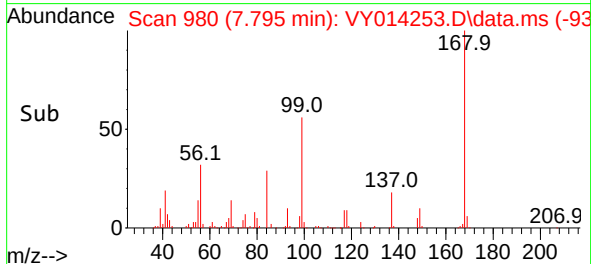
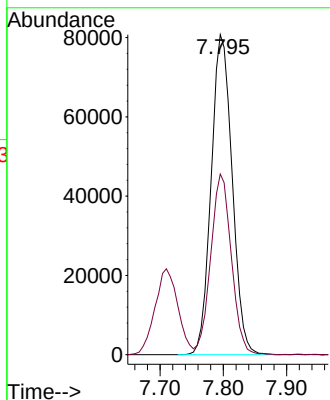
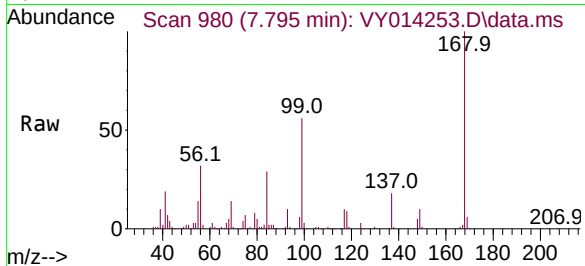




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

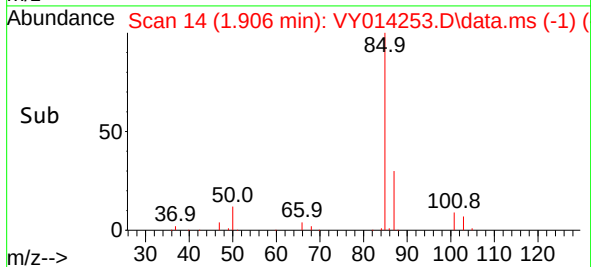
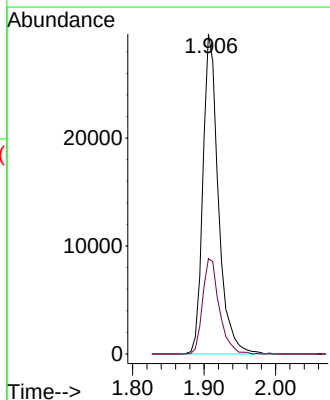
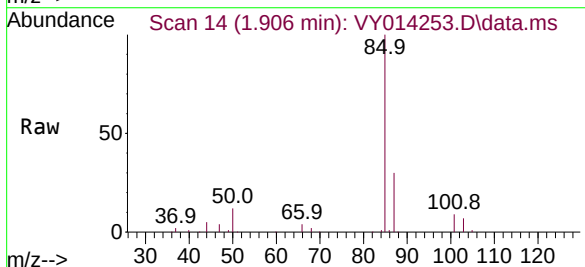
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

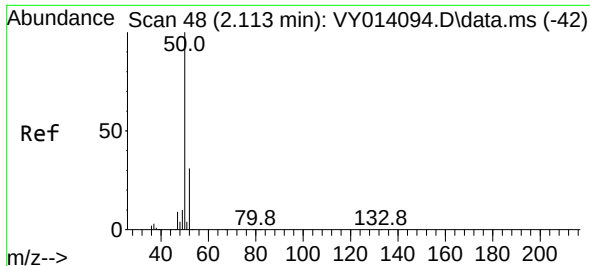
Tgt Ion:168 Resp: 185731
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 21.535 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion: 85 Resp: 44576
Ion Ratio Lower Upper
85 100
87 29.8 15.6 46.8

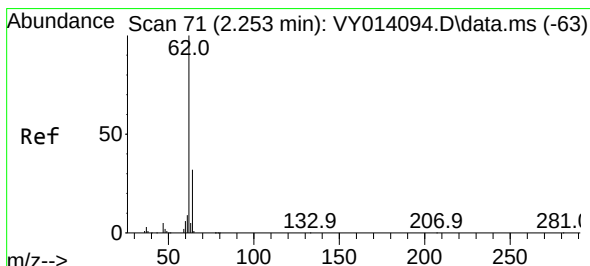
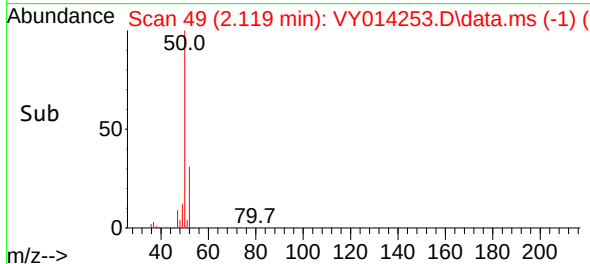
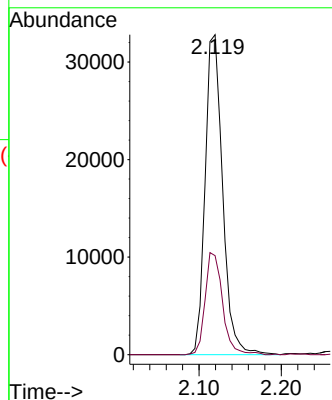
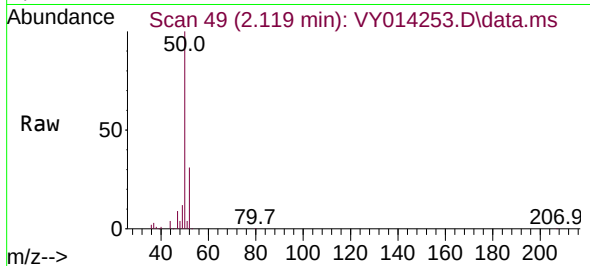




#3
Chloromethane
Concen: 18.466 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

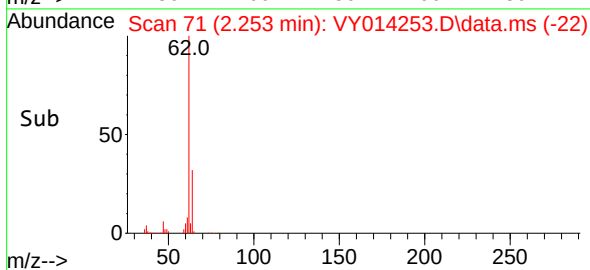
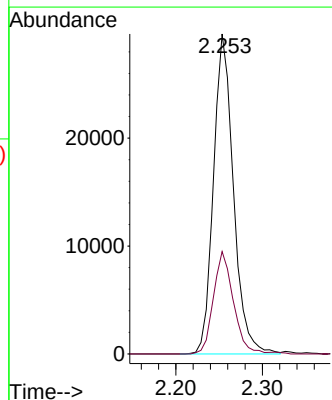
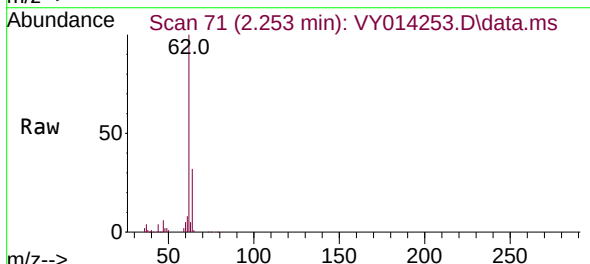
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

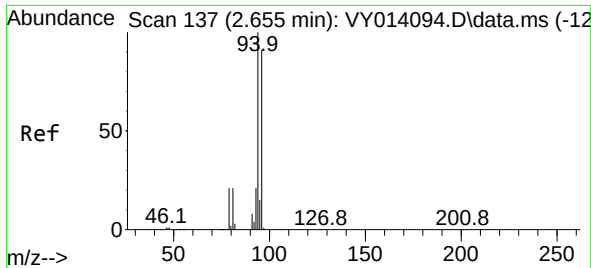
Tgt Ion: 50 Resp: 48466
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.2



#4
Vinyl Chloride
Concen: 18.613 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion: 62 Resp: 47497
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5

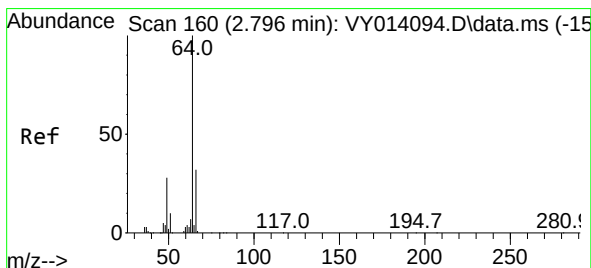
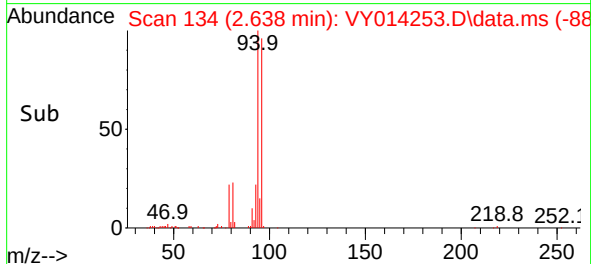
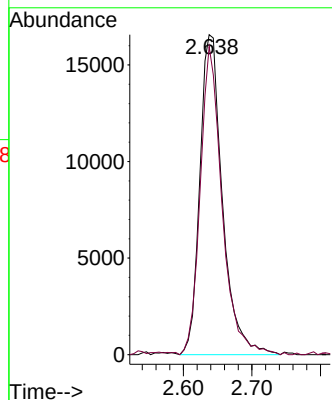
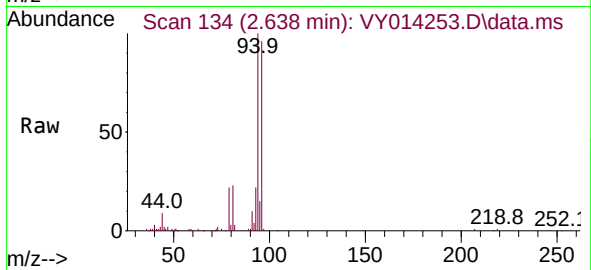




#5
Bromomethane
Concen: 18.090 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.017 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

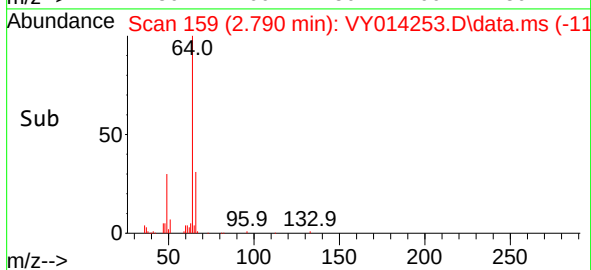
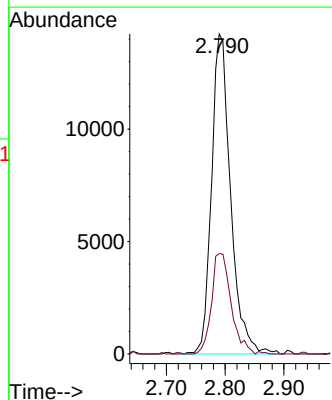
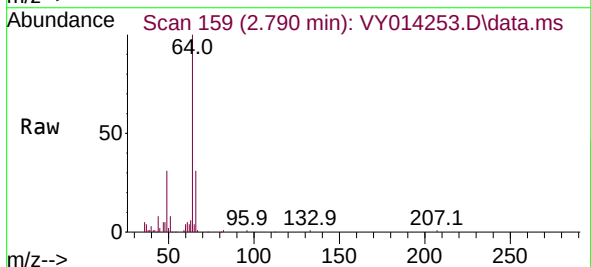
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

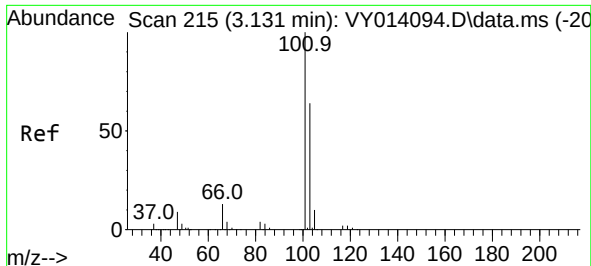
Tgt Ion: 94 Resp: 38087
Ion Ratio Lower Upper
94 100
96 96.3 75.8 113.6



#6
Chloroethane
Concen: 18.501 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion: 64 Resp: 32080
Ion Ratio Lower Upper
64 100
66 31.4 24.4 36.6

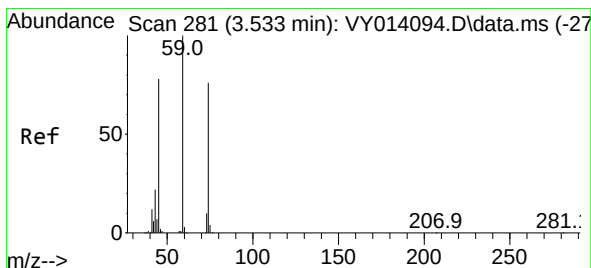
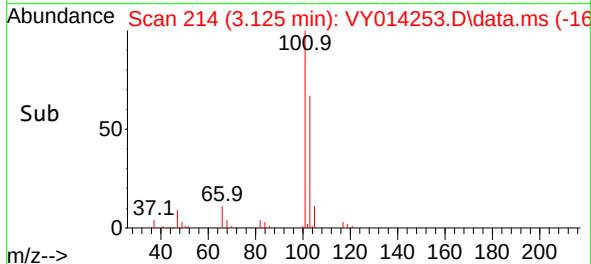
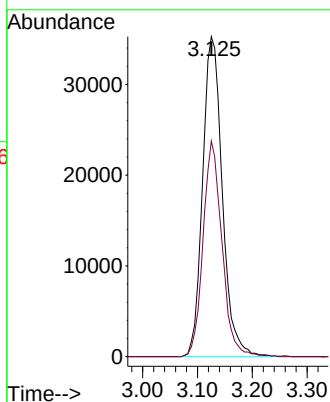
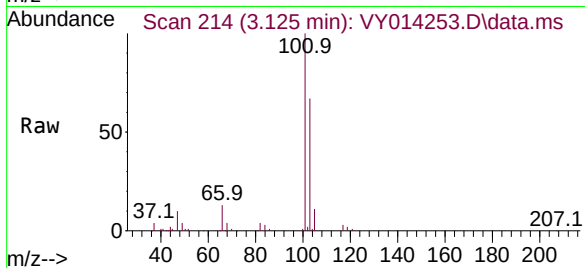




#7
 Trichlorofluoromethane
 Concen: 21.188 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY014253.D
 Acq: 20 Jun 2023 02:18

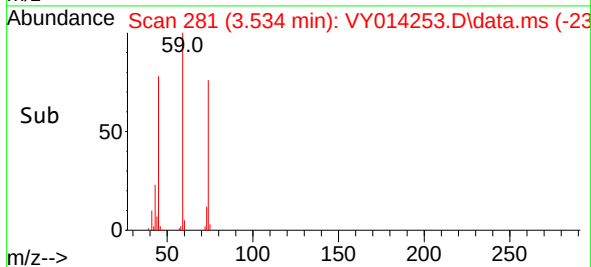
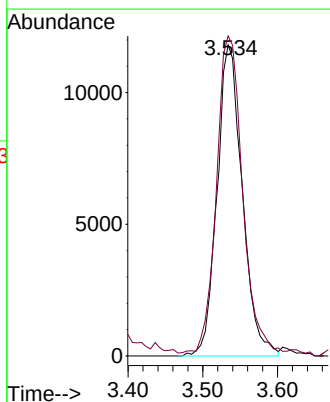
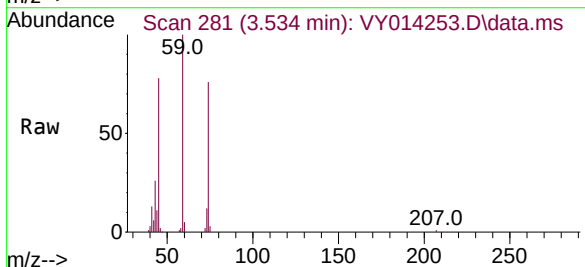
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS02

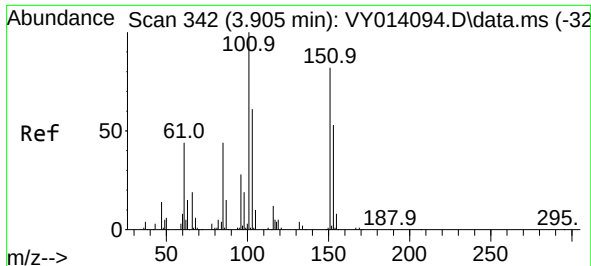
Tgt Ion:101 Resp: 87837
 Ion Ratio Lower Upper
 101 100
 103 67.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.088 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.001 min
 Lab File: VY014253.D
 Acq: 20 Jun 2023 02:18

Tgt Ion: 74 Resp: 27807
 Ion Ratio Lower Upper
 74 100
 45 103.9 51.5 154.5

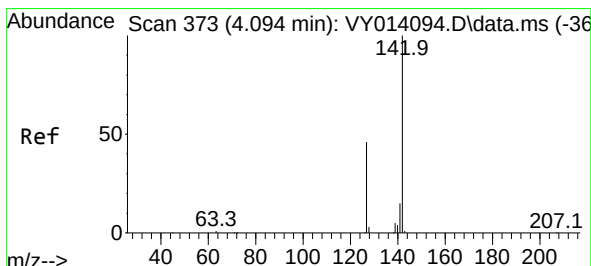
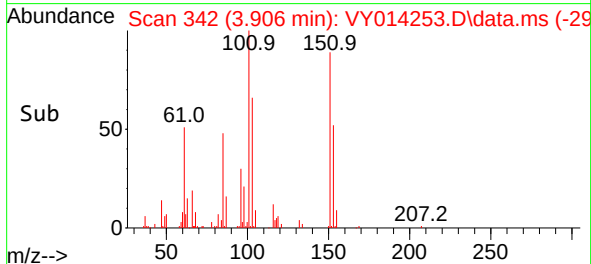
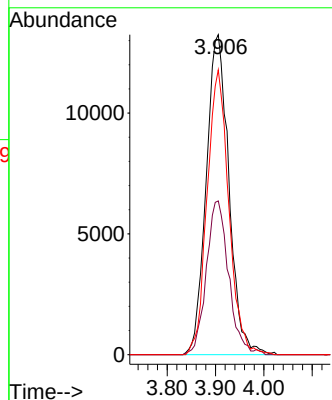
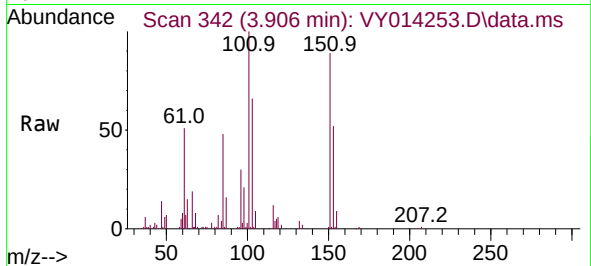




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.661 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.001 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

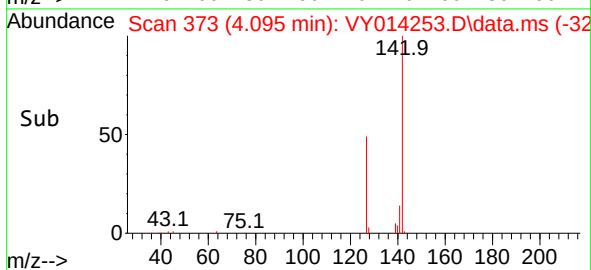
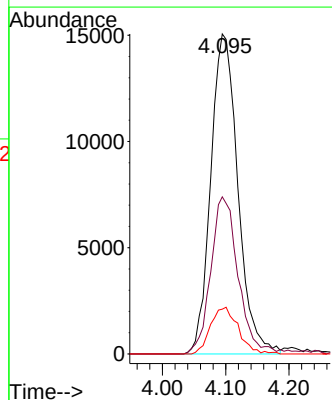
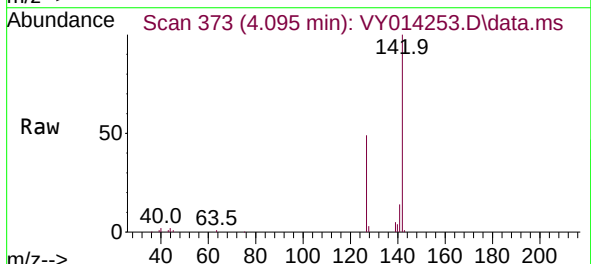
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

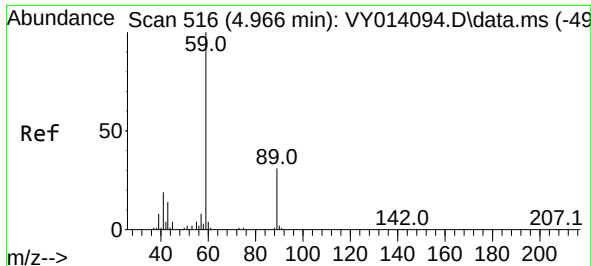
Tgt Ion:101 Resp: 43226
Ion Ratio Lower Upper
101 100
85 46.8 36.6 55.0
151 84.9 67.0 100.6



#10
Methyl Iodide
Concen: 16.236 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.001 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion:142 Resp: 44855
Ion Ratio Lower Upper
142 100
127 49.9 37.6 56.4
141 15.0 11.8 17.8

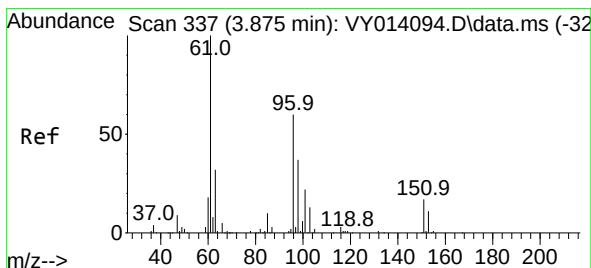
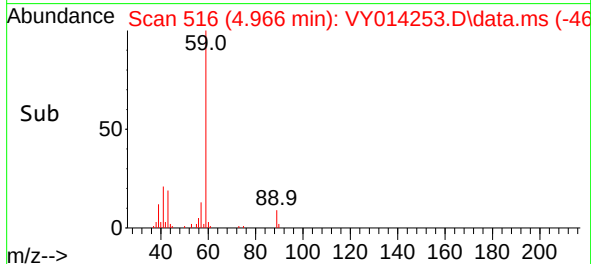
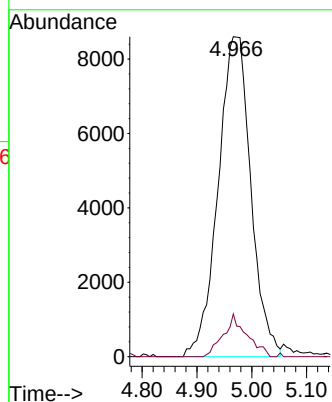
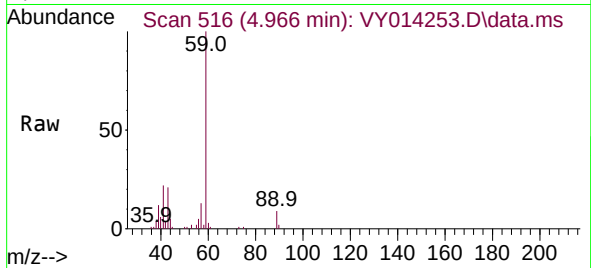




#11
Tert butyl alcohol
Concen: 107.689 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

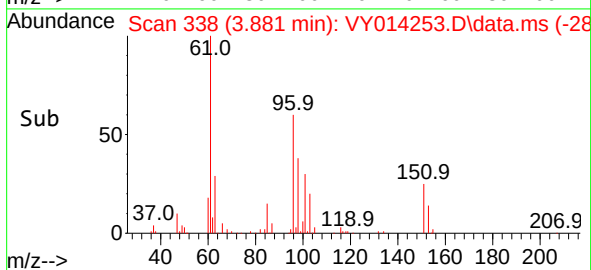
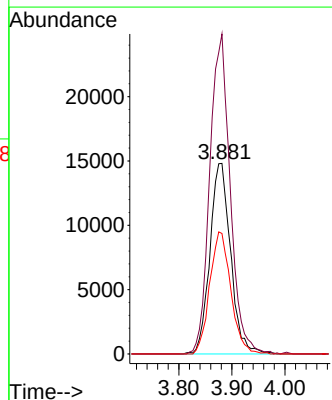
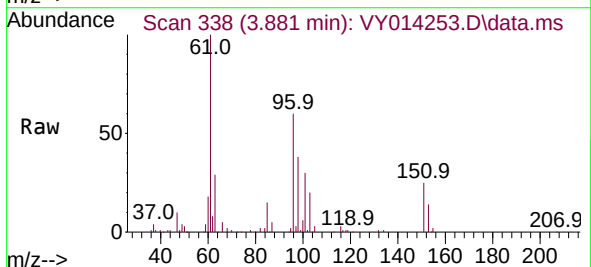
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

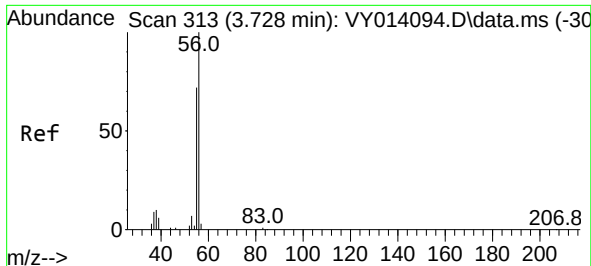
Tgt Ion: 59 Resp: 35736
Ion Ratio Lower Upper
59 100
57 9.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 18.939 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion: 96 Resp: 40162
Ion Ratio Lower Upper
96 100
61 168.0 136.4 204.6
98 63.2 49.4 74.2





#13

Acrolein

Concen: 84.483 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.001 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

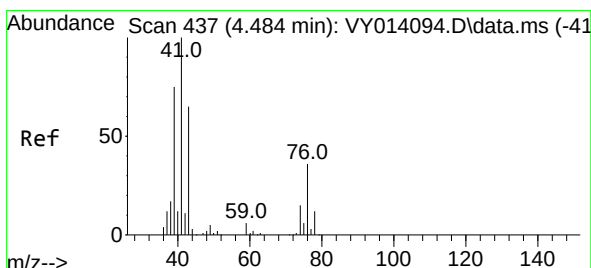
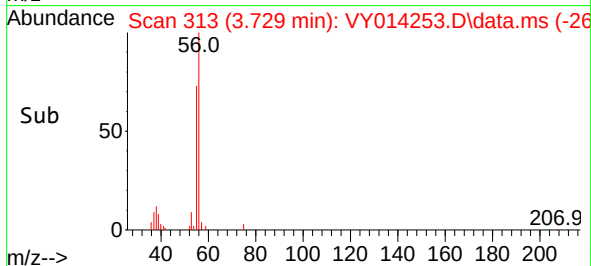
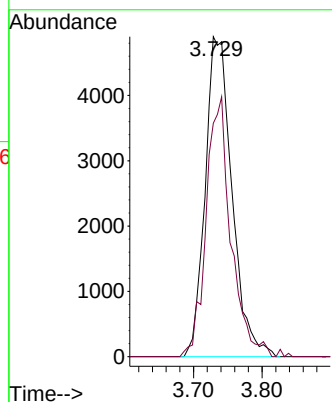
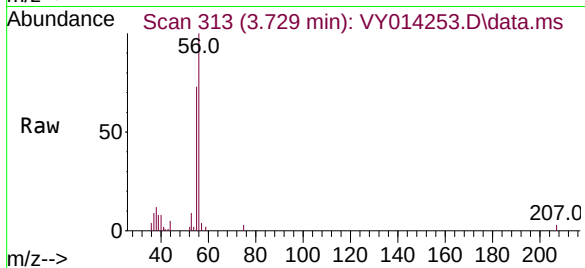
VY0619SBS02

Tgt Ion: 56 Resp: 13325

Ion Ratio Lower Upper

56 100

55 74.8 57.0 85.4



#14

Allyl chloride

Concen: 18.697 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.001 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

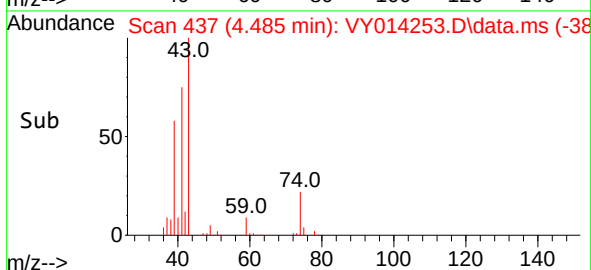
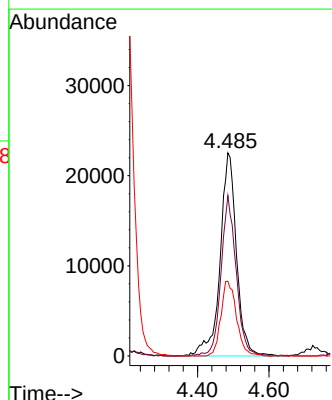
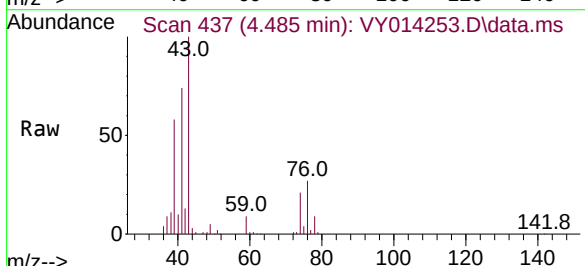
Tgt Ion: 41 Resp: 71870

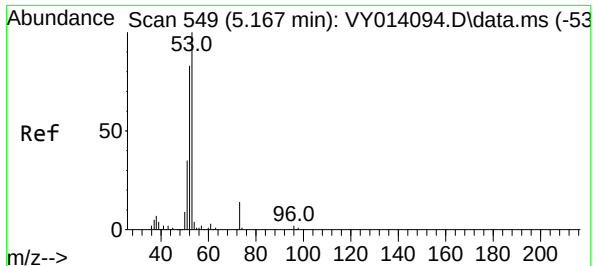
Ion Ratio Lower Upper

41 100

39 72.4 58.0 87.0

76 34.9 27.4 41.2

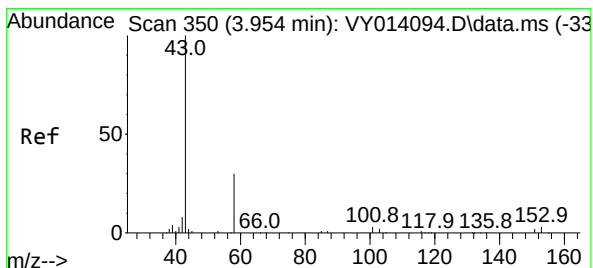
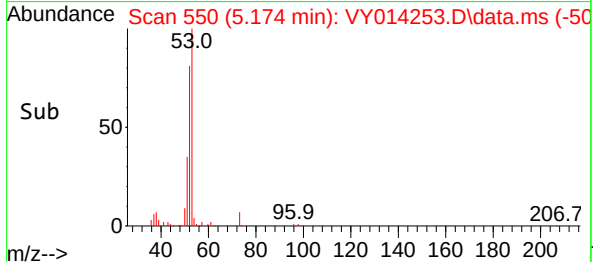
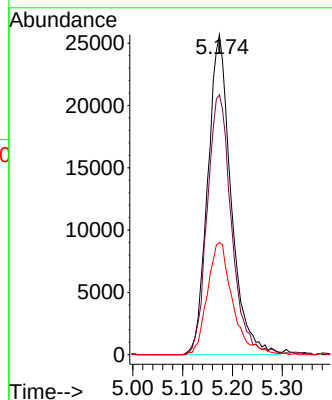
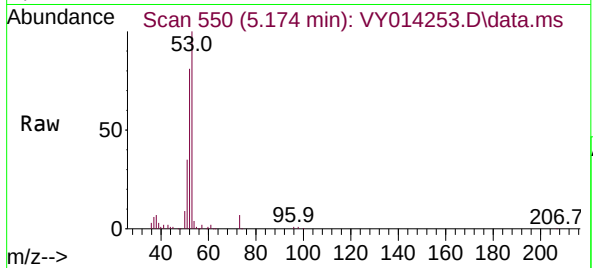




#15
Acrylonitrile
Concen: 117.013 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

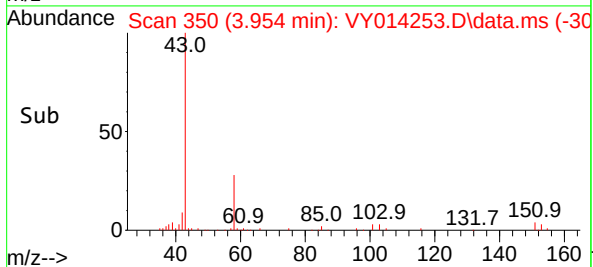
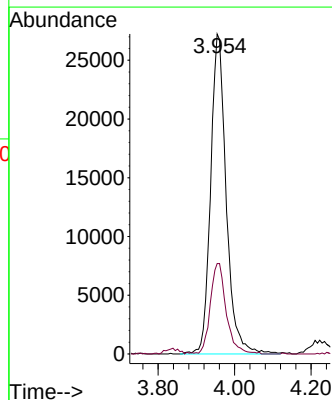
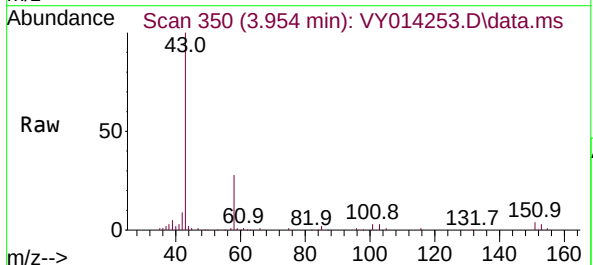
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

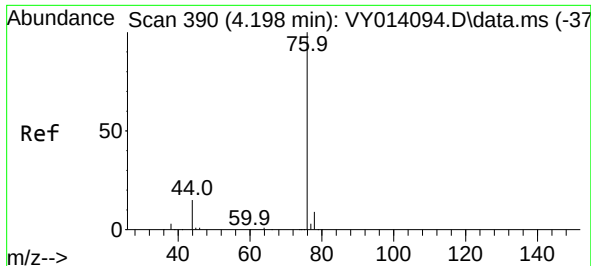
Tgt Ion: 53 Resp: 83546
Ion Ratio Lower Upper
53 100
52 84.2 66.9 100.3
51 37.8 29.8 44.6



#16
Acetone
Concen: 98.987 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion: 43 Resp: 77170
Ion Ratio Lower Upper
43 100
58 28.2 22.7 34.1

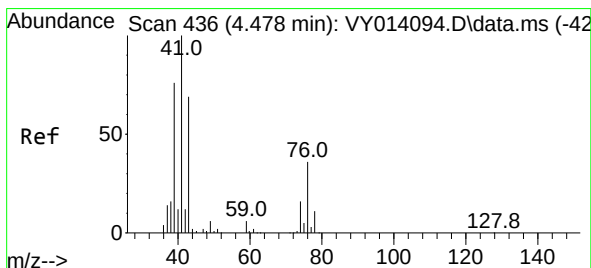
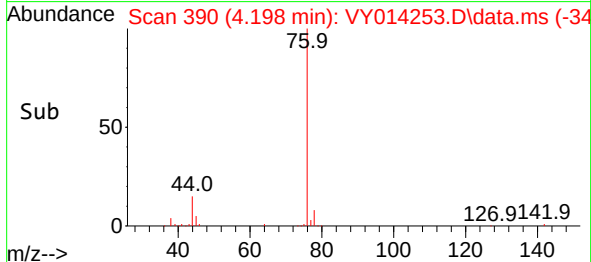
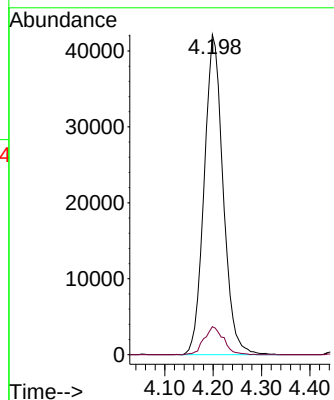
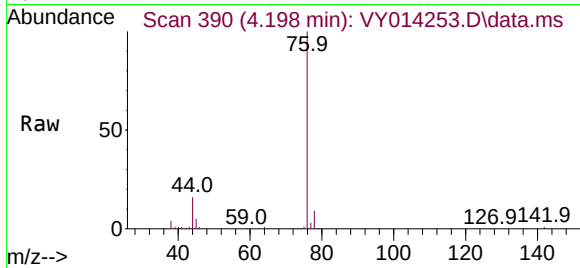




#17
Carbon Disulfide
Concen: 16.692 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

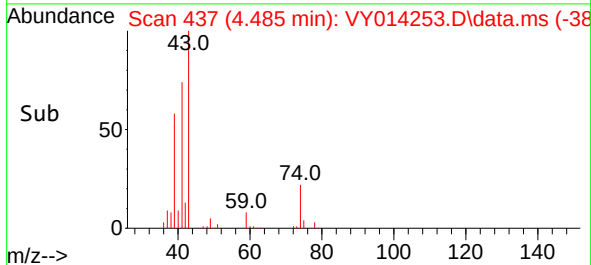
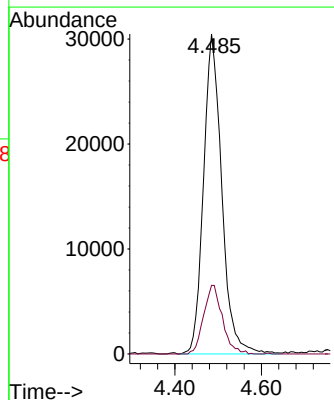
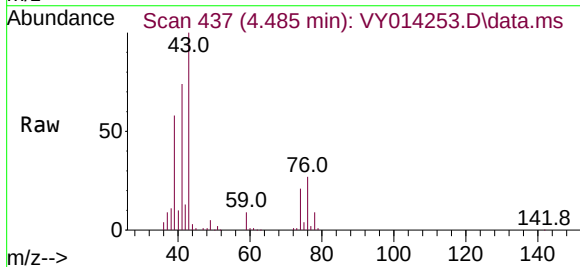
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

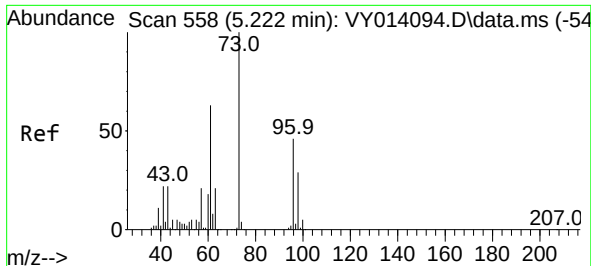
Tgt Ion: 76 Resp: 114704
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 29.516 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion: 43 Resp: 89315
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 21.124 ug/l

RT: 5.229 min Scan# 51

Delta R.T. 0.007 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

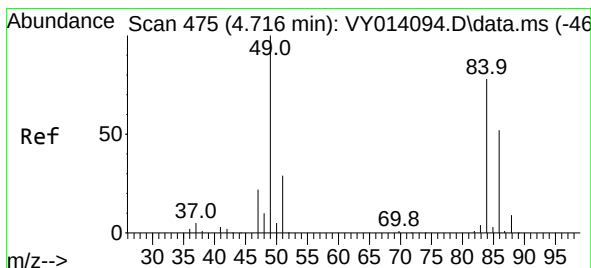
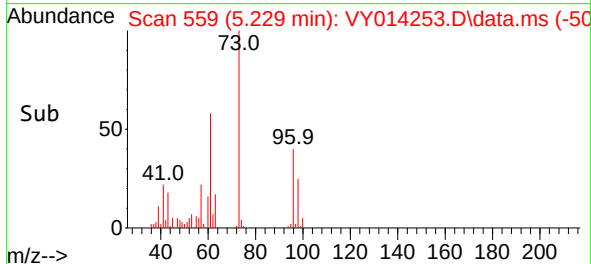
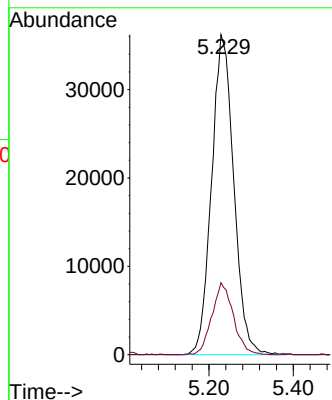
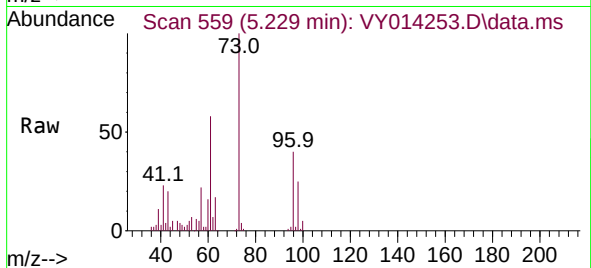
VY0619SBS02

Tgt Ion: 73 Resp: 132117

Ion Ratio Lower Upper

73 100

57 22.5 17.3 25.9



#20

Methylene Chloride

Concen: 27.110 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Tgt Ion: 84 Resp: 71560

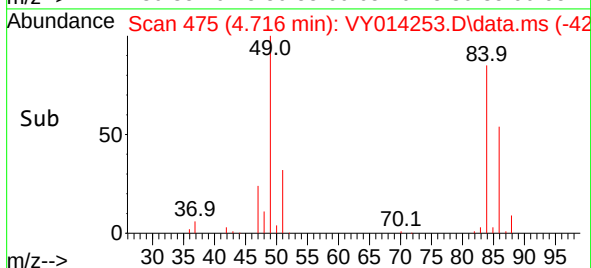
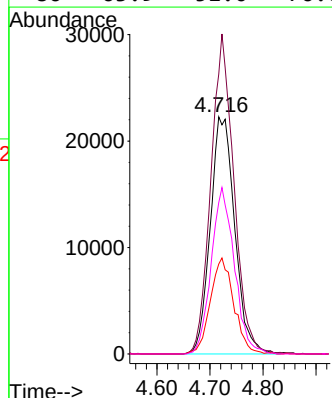
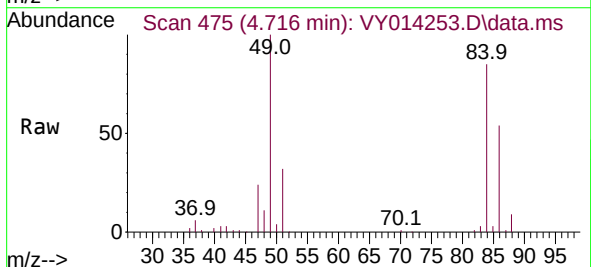
Ion Ratio Lower Upper

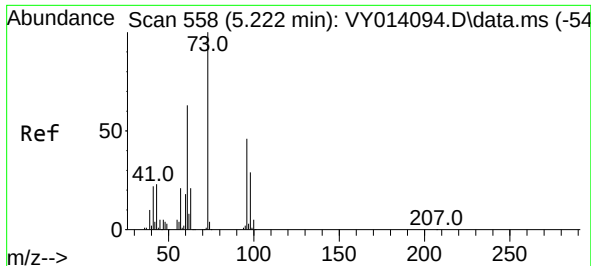
84 100

49 118.0 106.9 160.3

51 37.9 33.2 49.8

86 63.9 51.0 76.6

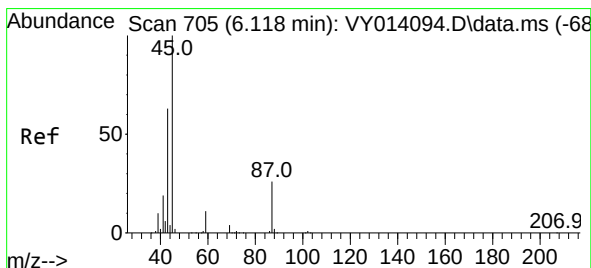
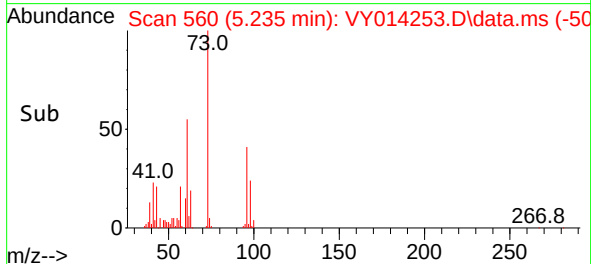
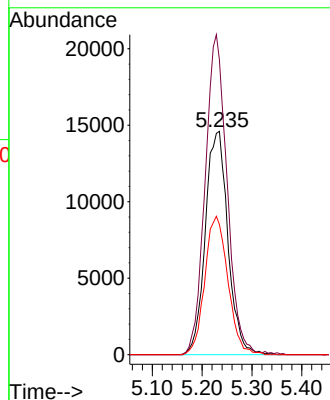
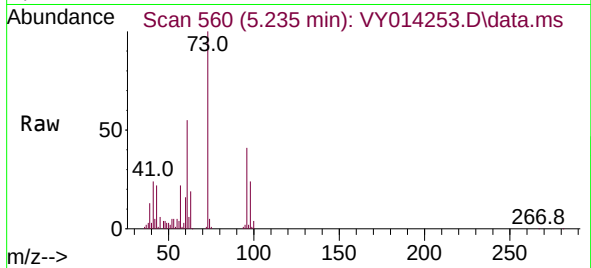




#21
trans-1,2-Dichloroethene
Concen: 19.475 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.013 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

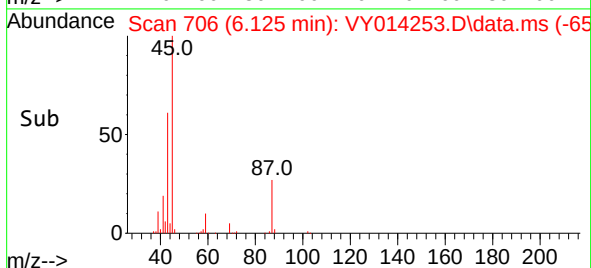
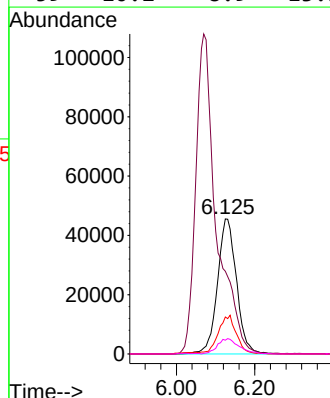
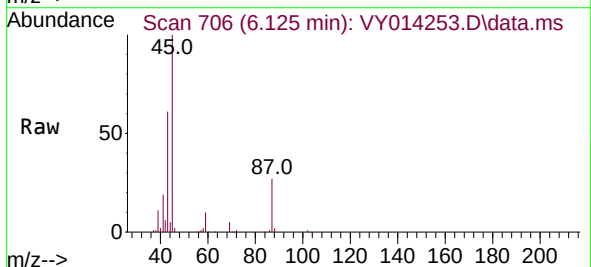
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

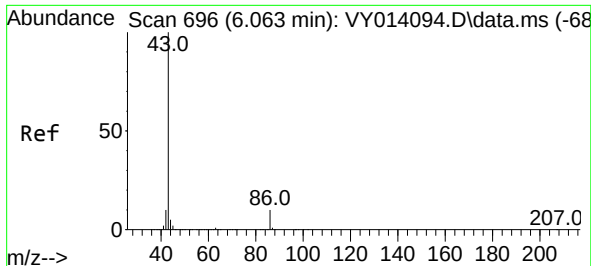
Tgt Ion: 96 Resp: 46063
Ion Ratio Lower Upper
96 100
61 132.1 110.2 165.4
98 58.3 51.8 77.6



#22
Diisopropyl ether
Concen: 20.869 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion: 45 Resp: 153592
Ion Ratio Lower Upper
45 100
43 60.9 52.2 78.4
87 27.4 21.0 31.6
59 10.2 8.9 13.3

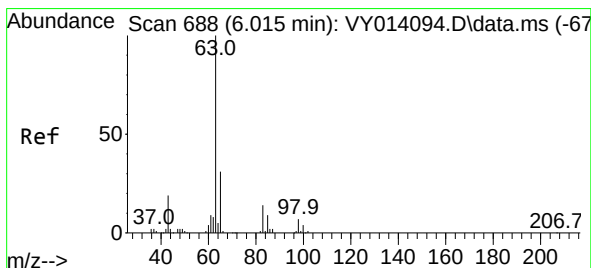
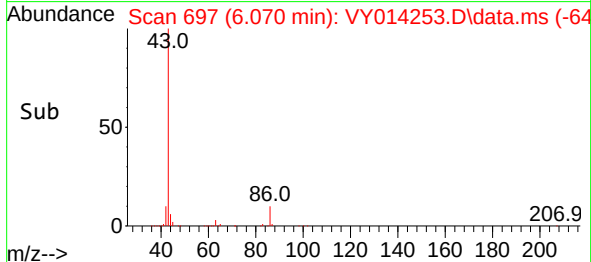
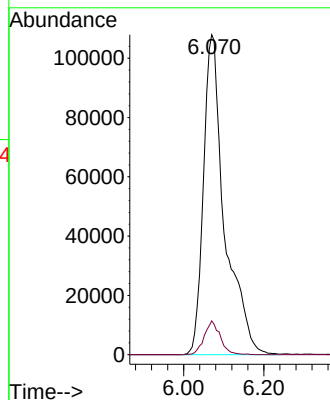
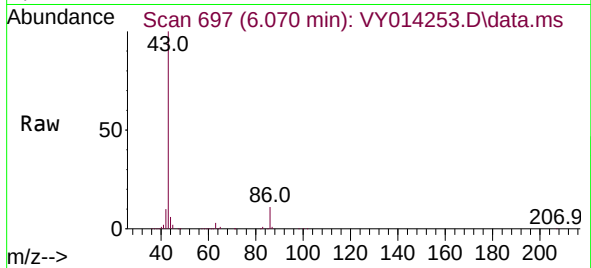




#23
 Vinyl Acetate
 Concen: 91.032 ug/l
 RT: 6.070 min Scan# 696
 Delta R.T. 0.007 min
 Lab File: VY014253.D
 Acq: 20 Jun 2023 02:18

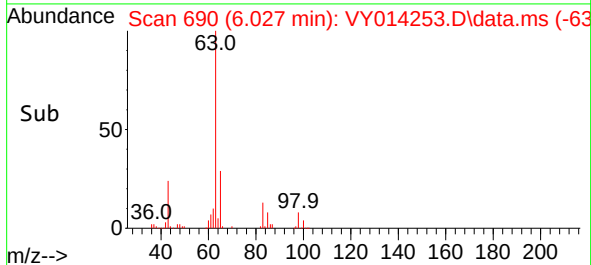
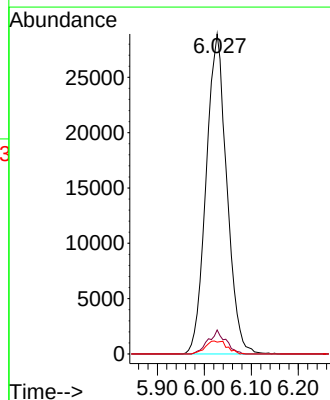
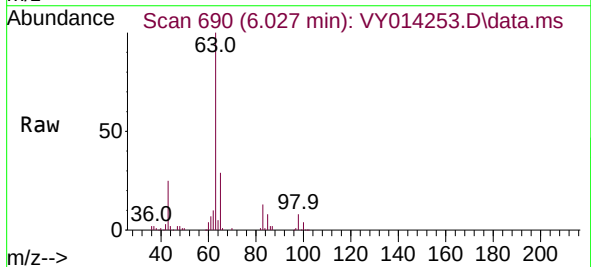
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS02

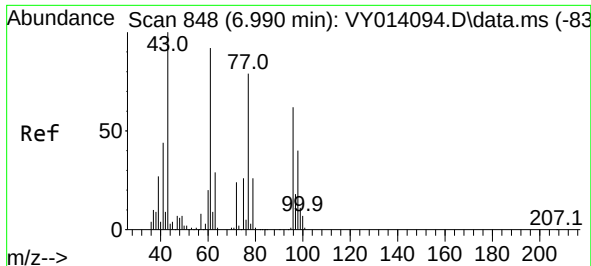
Tgt Ion: 43 Resp: 395303
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.801 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY014253.D
 Acq: 20 Jun 2023 02:18

Tgt Ion: 63 Resp: 88269
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 3.7 1.8 5.5

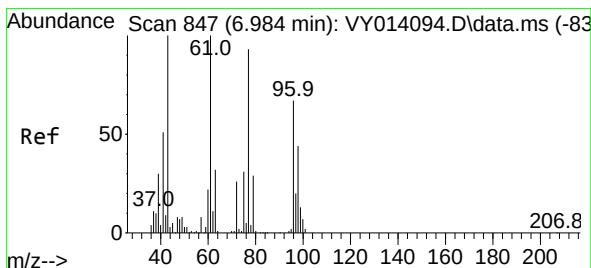
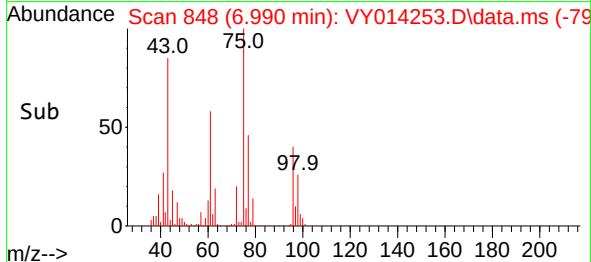
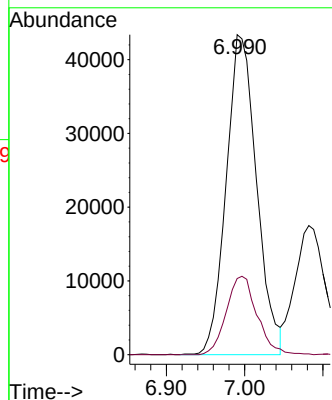
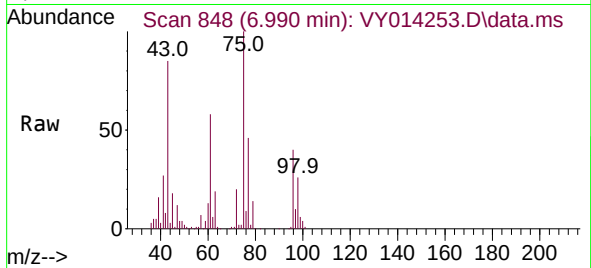




#25
2-Butanone
Concen: 122.039 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

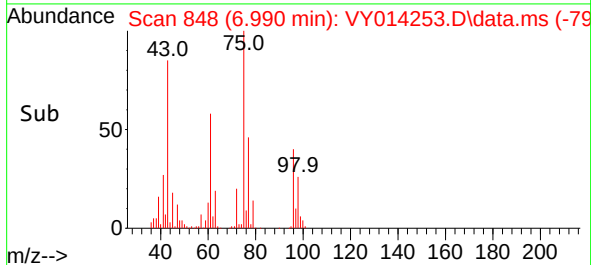
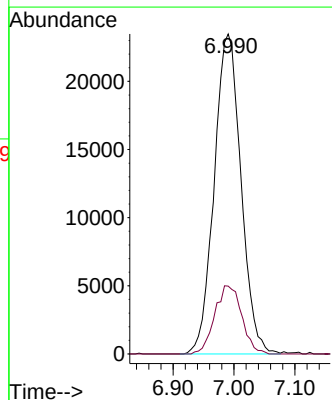
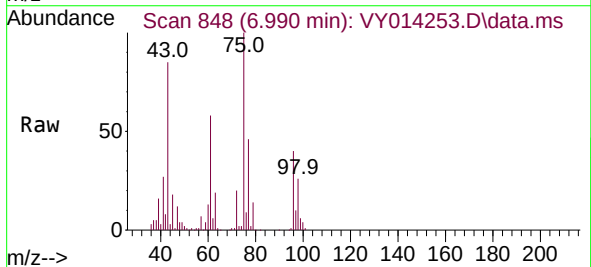
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

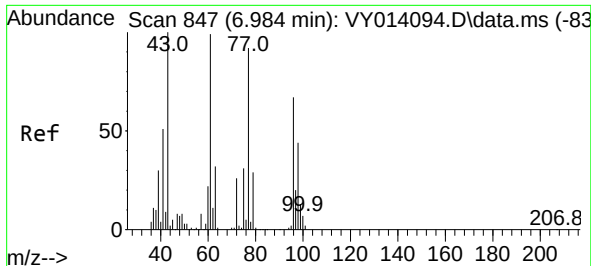
Tgt Ion: 43 Resp: 117115
Ion Ratio Lower Upper
43 100
72 23.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 18.010 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion: 77 Resp: 71780
Ion Ratio Lower Upper
77 100
97 21.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.720 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

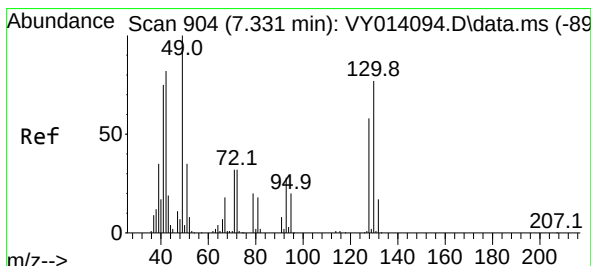
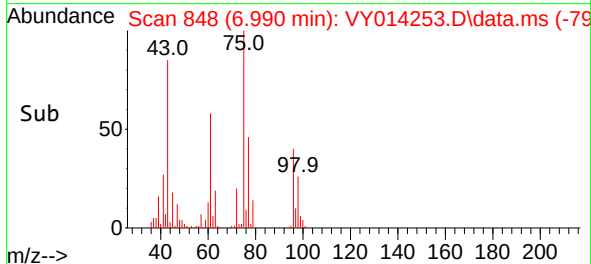
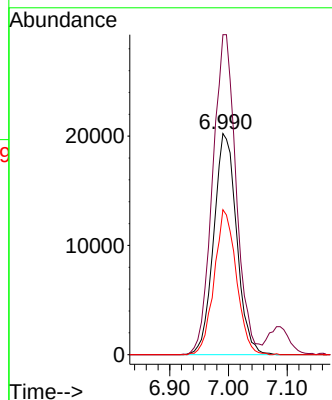
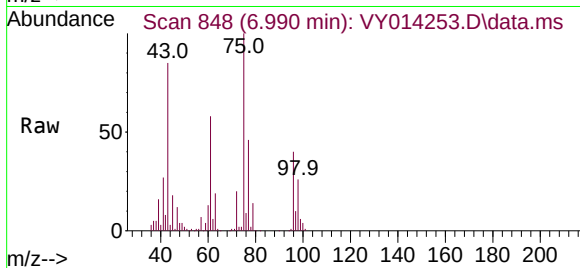
Tgt Ion: 96 Resp: 54822

Ion Ratio Lower Upper

96 100

61 149.0 0.0 301.4

98 63.2 0.0 130.4



#28

Bromochloromethane

Concen: 22.358 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.013 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

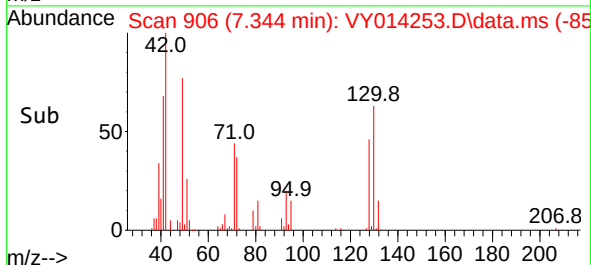
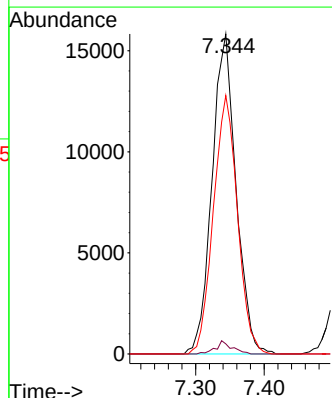
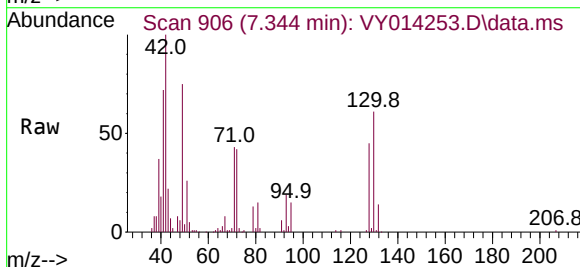
Tgt Ion: 49 Resp: 38583

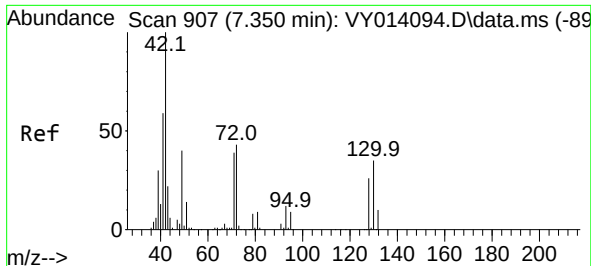
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 80.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 122.867 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

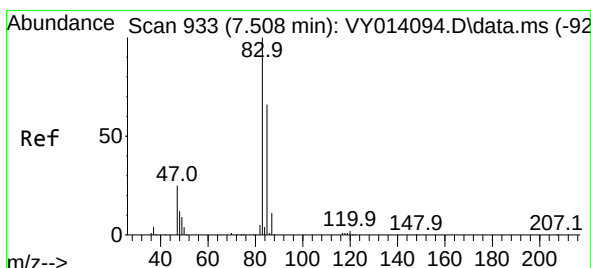
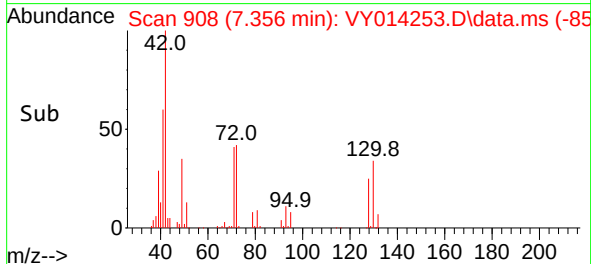
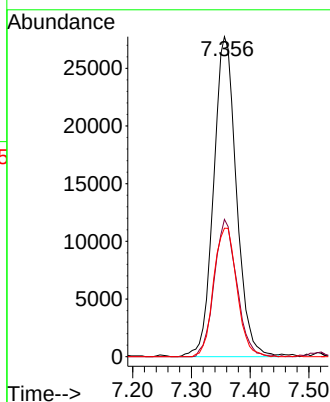
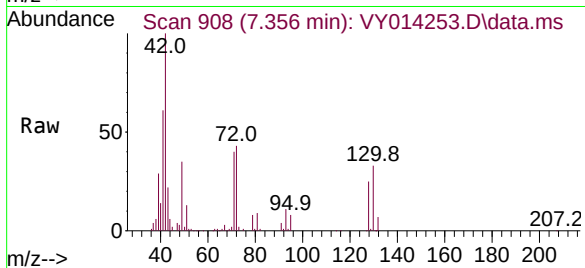
Tgt Ion: 42 Resp: 74768

Ion Ratio Lower Upper

42 100

72 42.3 32.8 49.2

71 41.1 31.0 46.4



#30

Chloroform

Concen: 21.381 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.007 min

Lab File: VY014253.D

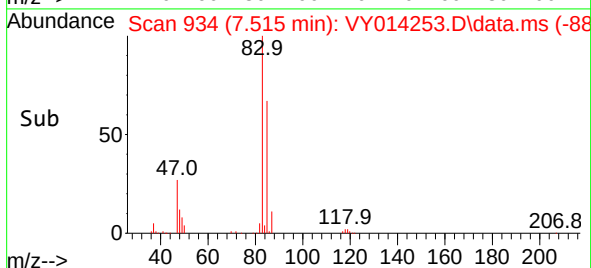
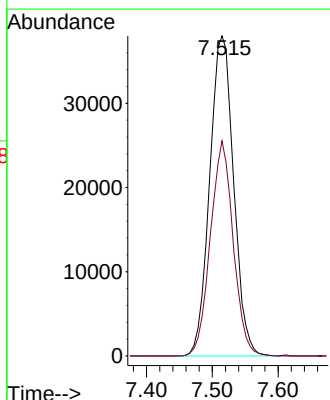
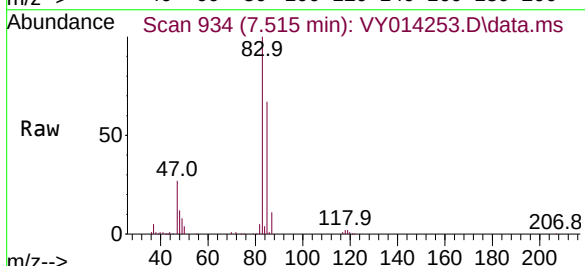
Acq: 20 Jun 2023 02:18

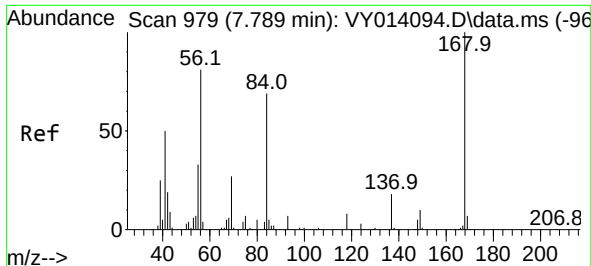
Tgt Ion: 83 Resp: 96255

Ion Ratio Lower Upper

83 100

85 67.2 49.7 74.5

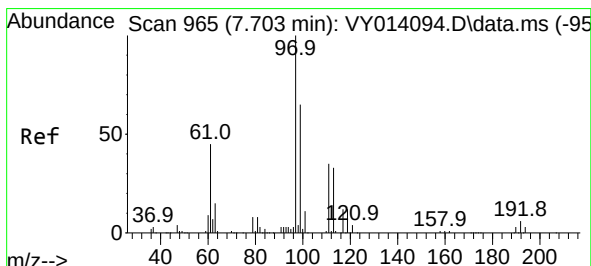
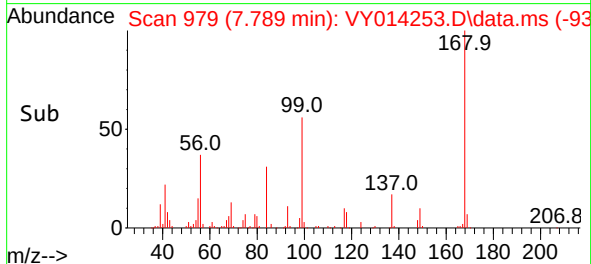
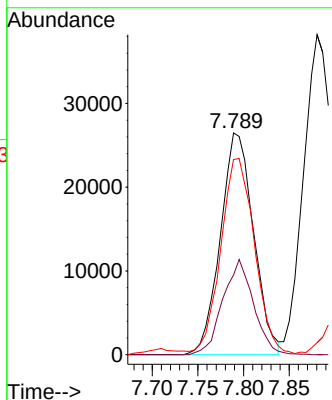
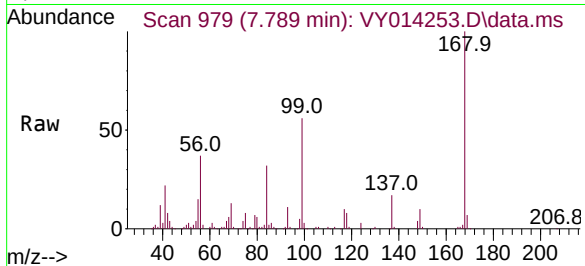




#31
Cyclohexane
Concen: 19.319 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

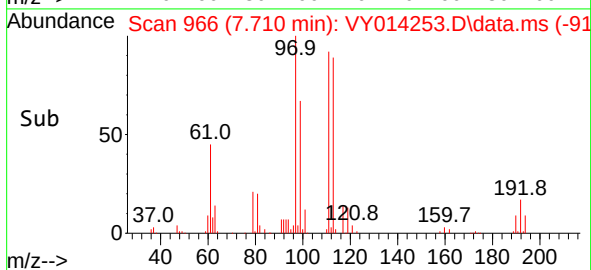
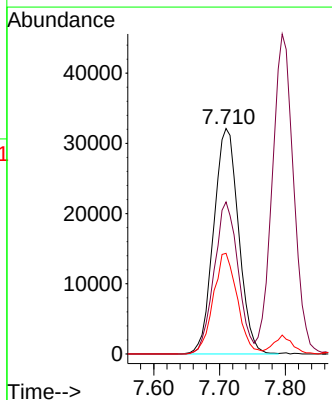
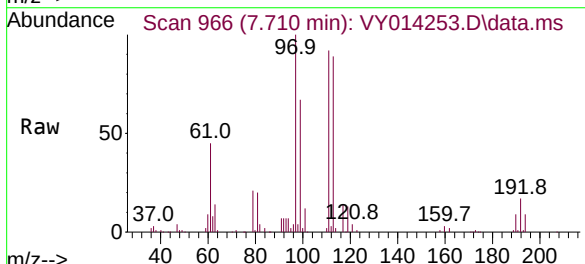
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

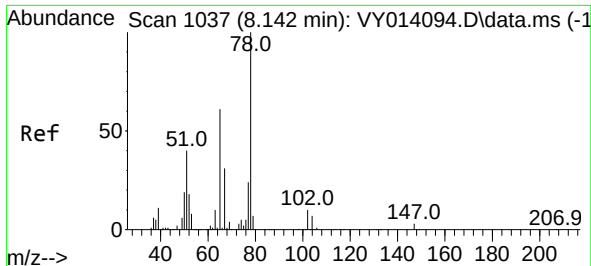
Tgt Ion: 56 Resp: 66933
Ion Ratio Lower Upper
56 100
69 35.9 27.8 41.6
84 86.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.855 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.007 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion: 97 Resp: 84676
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 43.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.113 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

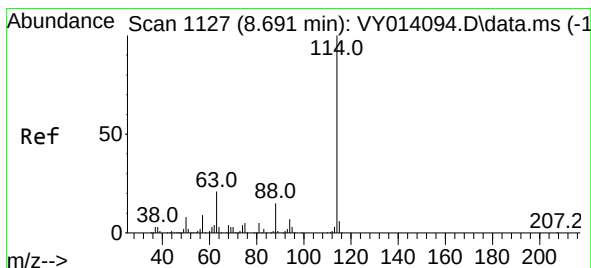
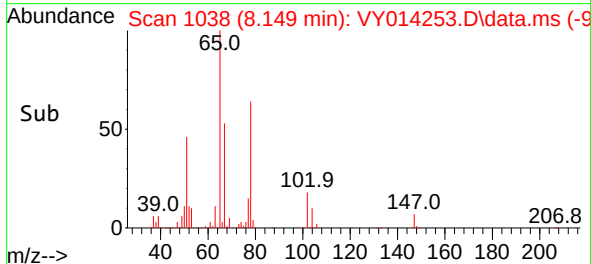
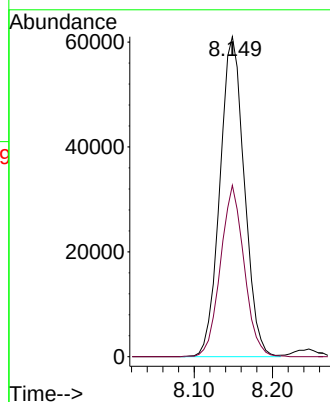
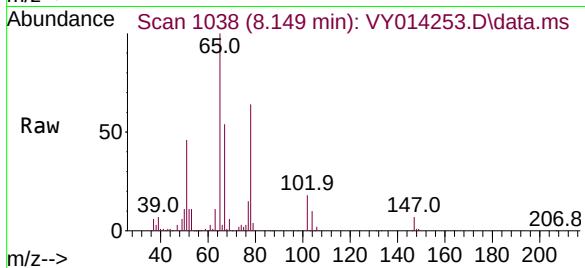
VY0619SBS02

Tgt Ion: 65 Resp: 132195

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

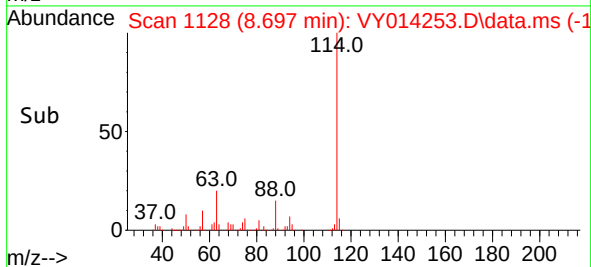
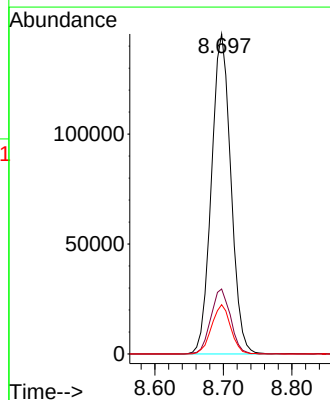
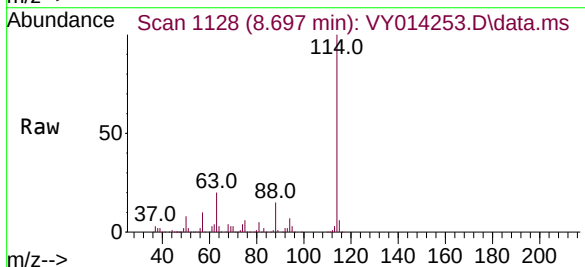
Tgt Ion: 114 Resp: 286320

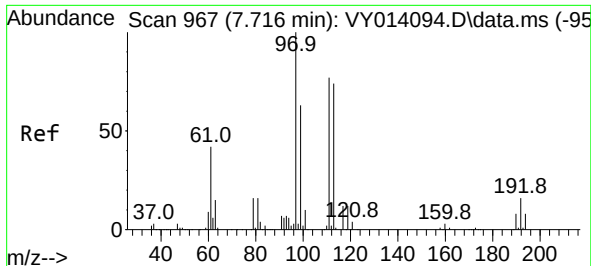
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 15.4 0.0 30.6

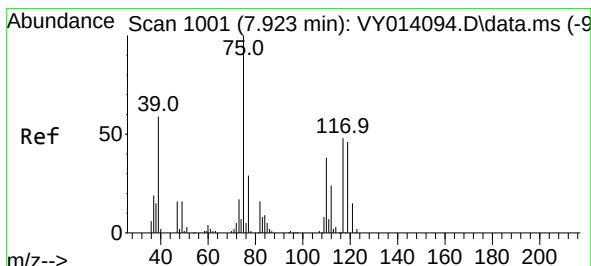
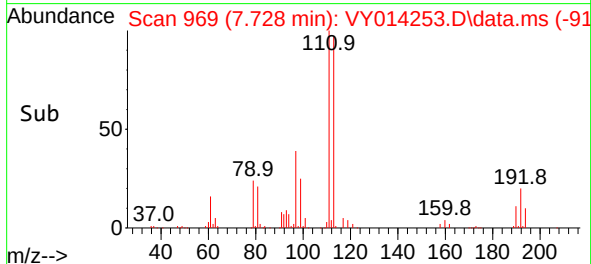
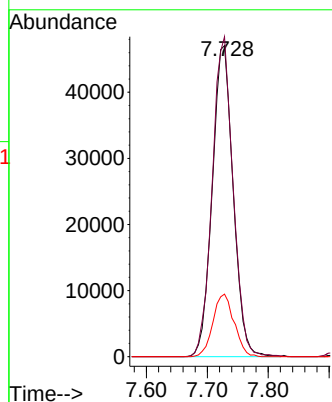
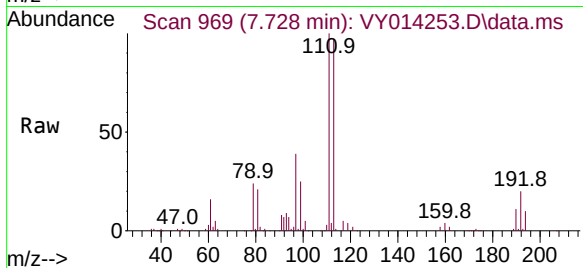




#35
Dibromofluoromethane
Concen: 55.228 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

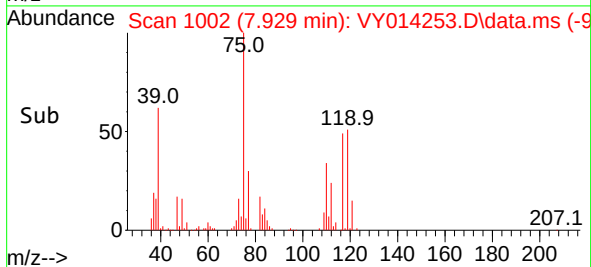
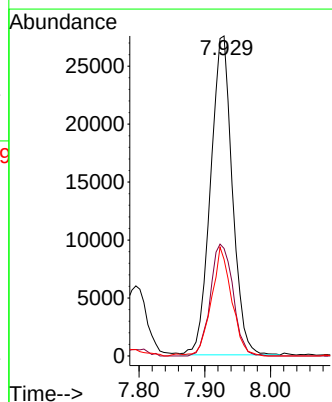
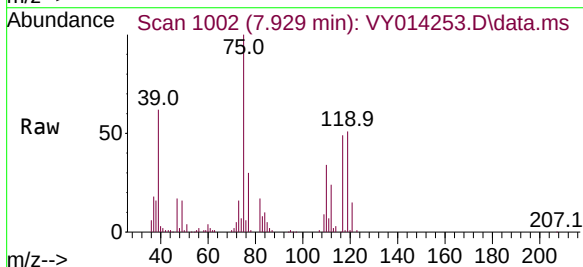
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

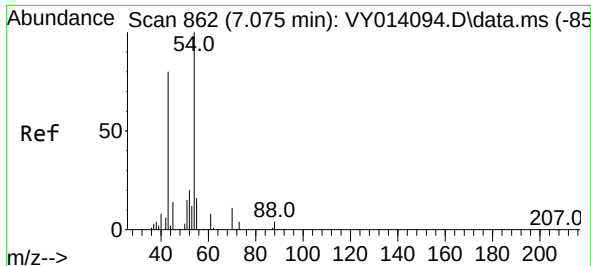
Tgt Ion:113 Resp: 112142
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 20.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.006 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion: 75 Resp: 63331
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 31.7 24.4 36.6

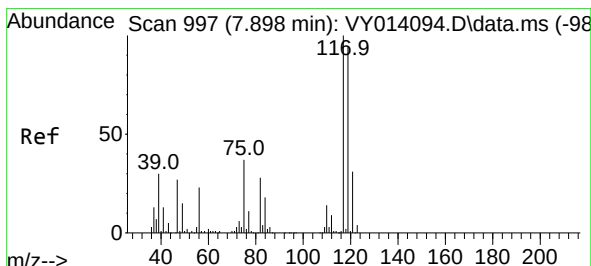
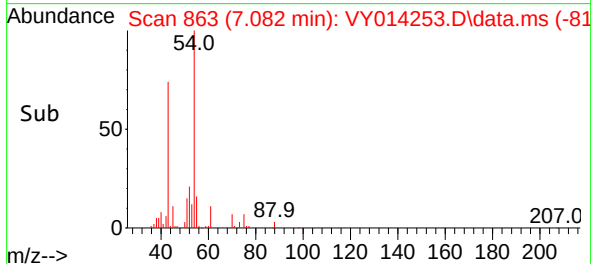
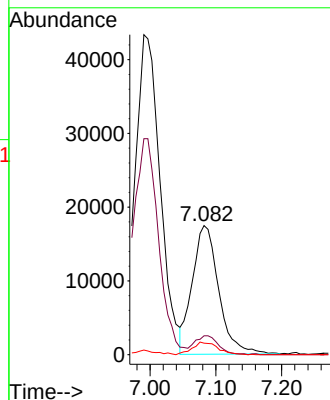
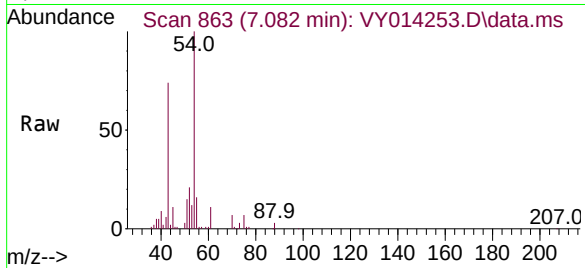




#37
Ethyl Acetate
Concen: 22.333 ug/l
RT: 7.082 min Scan# 80
Delta R.T. 0.007 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

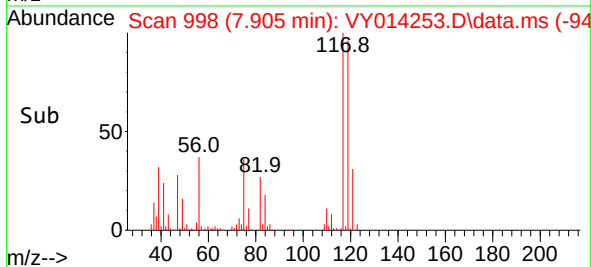
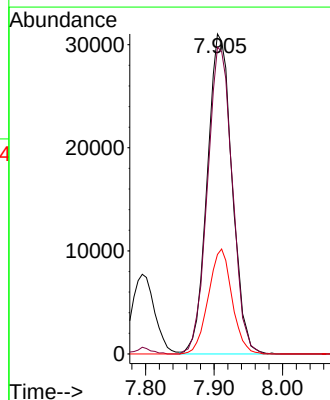
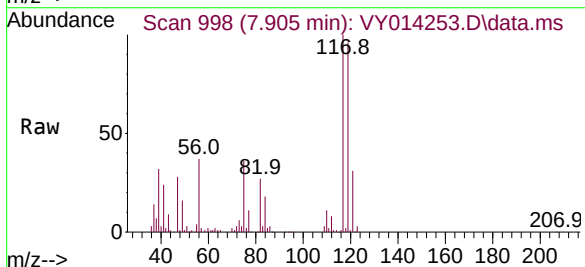
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

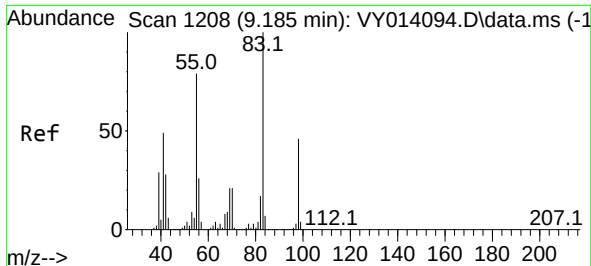
Tgt Ion: 43 Resp: 48781
Ion Ratio Lower Upper
43 100
61 13.0 10.1 15.1
70 9.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 21.374 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.007 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion: 117 Resp: 78080
Ion Ratio Lower Upper
117 100
119 95.9 76.4 114.6
121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 19.799 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

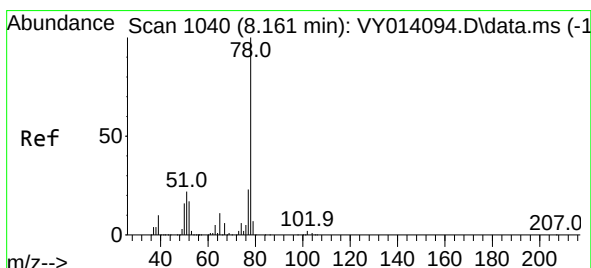
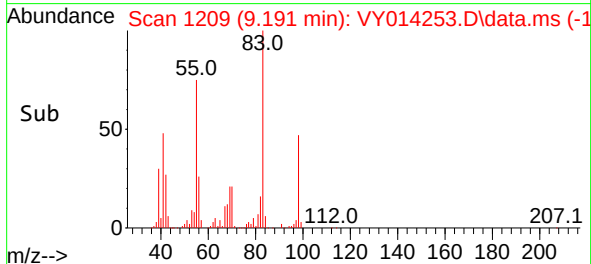
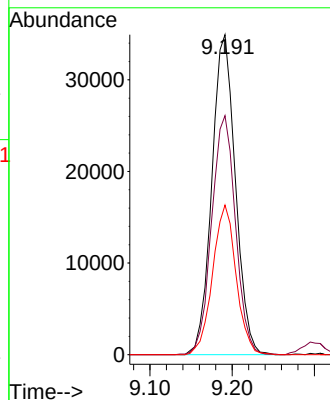
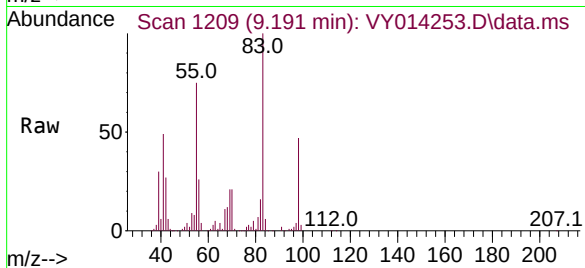
Tgt Ion: 83 Resp: 69541

Ion Ratio Lower Upper

83 100

55 74.7 63.0 94.4

98 46.8 37.4 56.2



#40

Benzene

Concen: 20.911 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY014253.D

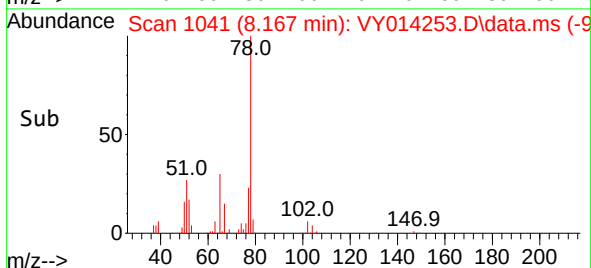
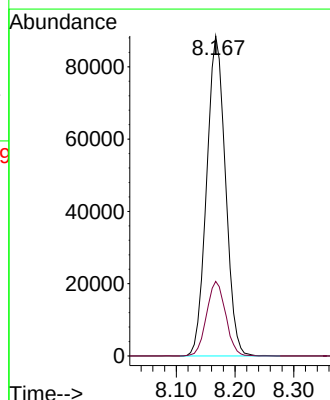
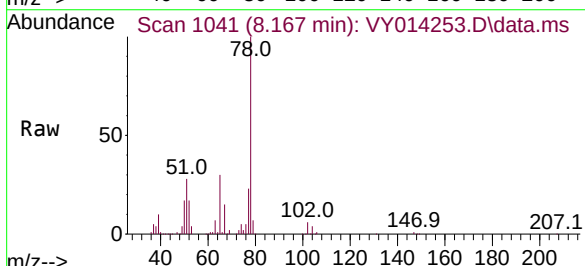
Acq: 20 Jun 2023 02:18

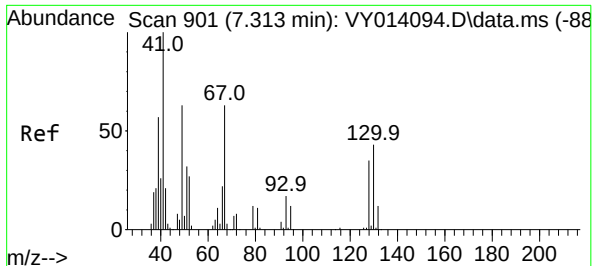
Tgt Ion: 78 Resp: 196839

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

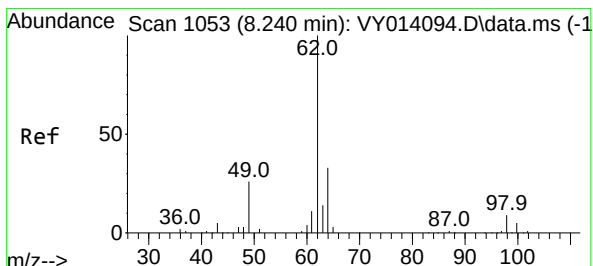
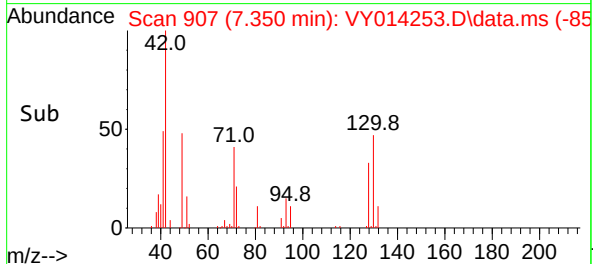
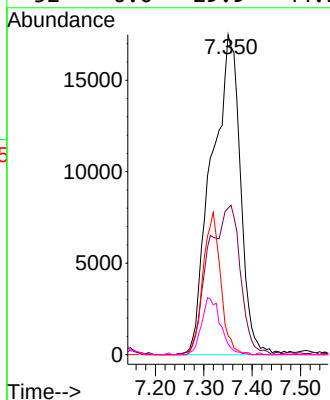
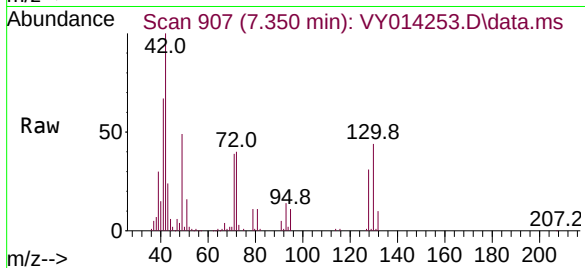




#41
Methacrylonitrile
Concen: 64.781 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

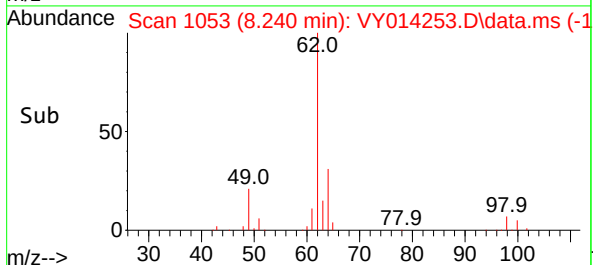
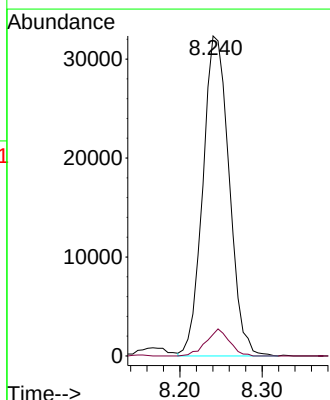
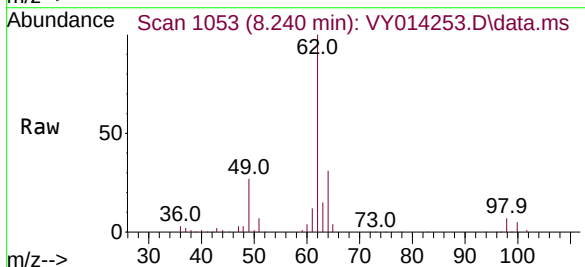
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

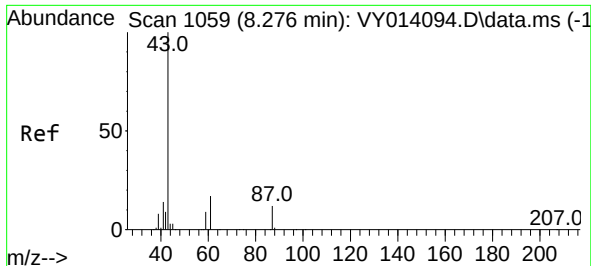
Tgt Ion: 41 Resp: 72213
Ion Ratio Lower Upper
41 100
39 52.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 21.578 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion: 62 Resp: 71828
Ion Ratio Lower Upper
62 100
98 7.5 0.0 15.8

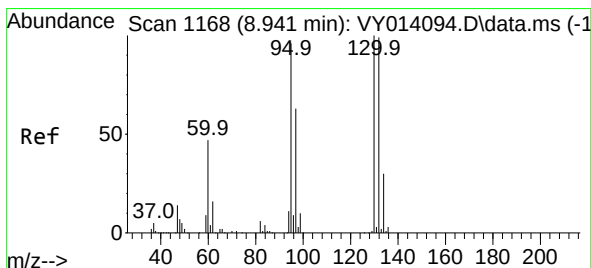
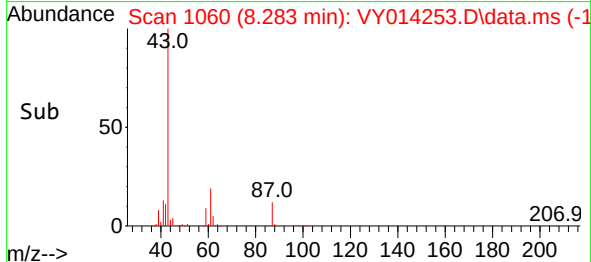
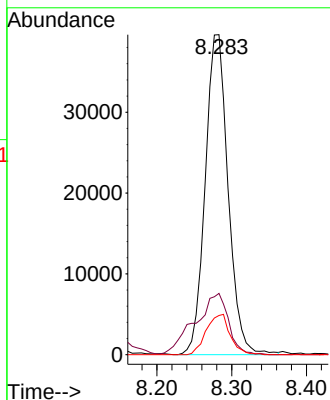
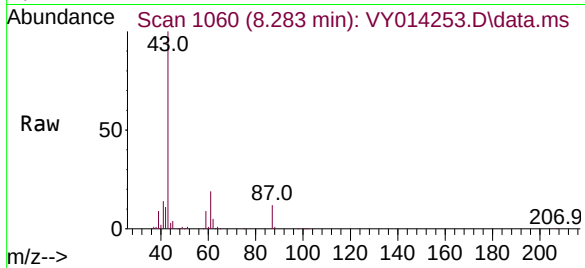




#43
Isopropyl Acetate
Concen: 22.081 ug/l
RT: 8.283 min Scan# 1106
Delta R.T. 0.007 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

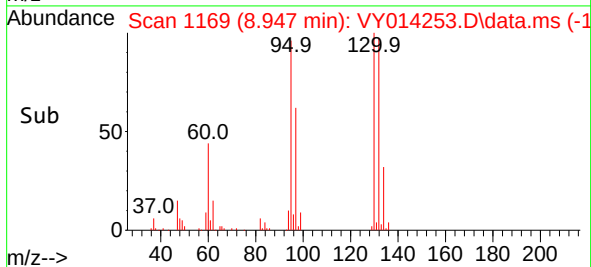
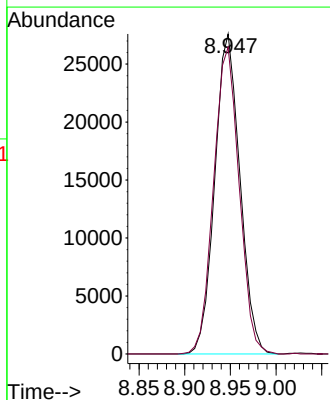
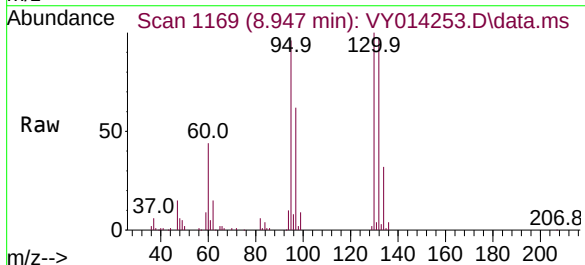
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

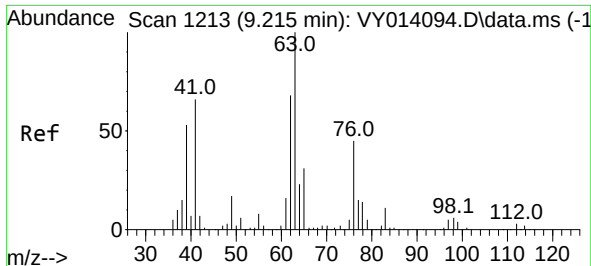
Tgt Ion: 43 Resp: 84530
Ion Ratio Lower Upper
43 100
61 27.9 21.1 31.7
87 13.1 9.8 14.8



#44
Trichloroethene
Concen: 21.023 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion: 130 Resp: 52873
Ion Ratio Lower Upper
130 100
95 95.9 0.0 196.0

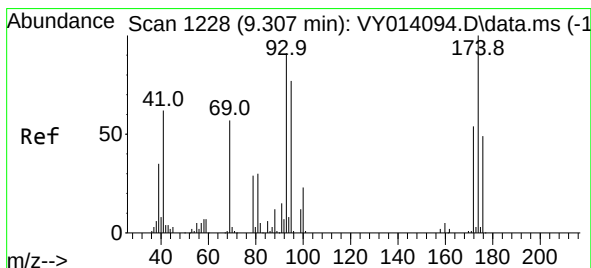
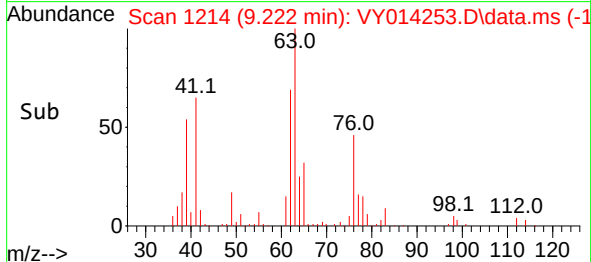
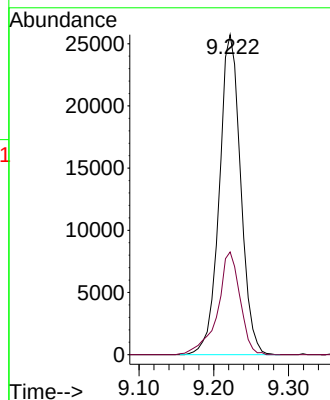
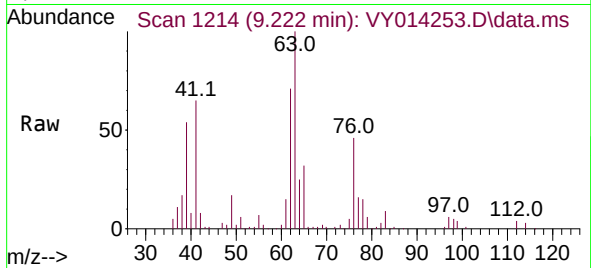




#45
1,2-Dichloropropane
Concen: 21.331 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

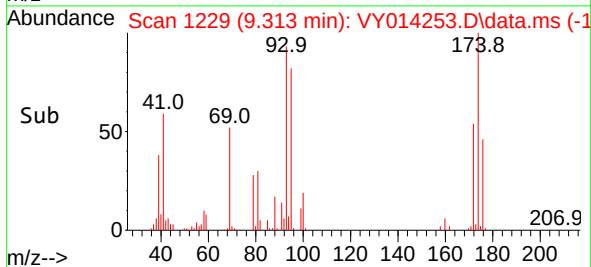
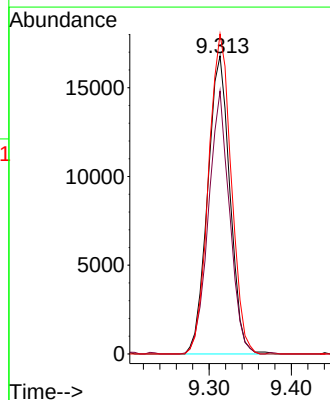
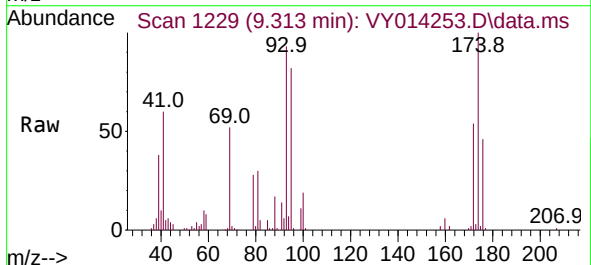
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

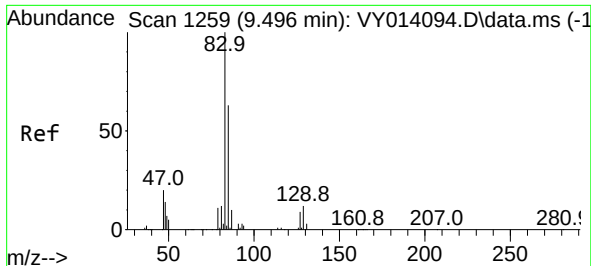
Tgt Ion: 63 Resp: 51001
Ion Ratio Lower Upper
63 100
65 32.1 23.8 35.6



#46
Dibromomethane
Concen: 21.511 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion: 93 Resp: 31659
Ion Ratio Lower Upper
93 100
95 83.2 66.6 100.0
174 109.2 84.8 127.2

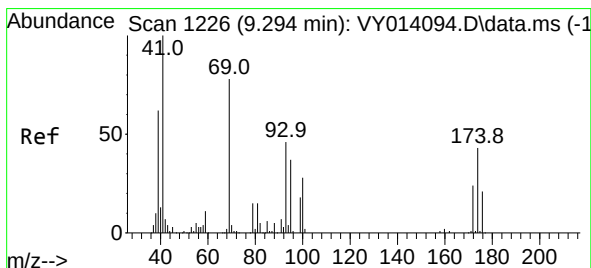
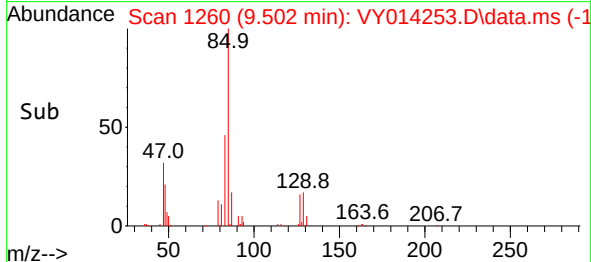
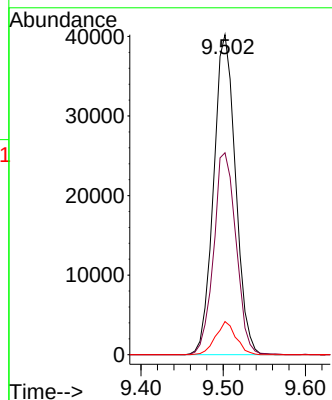
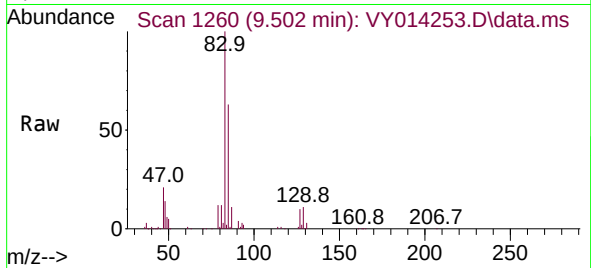




#47
Bromodichloromethane
Concen: 21.613 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

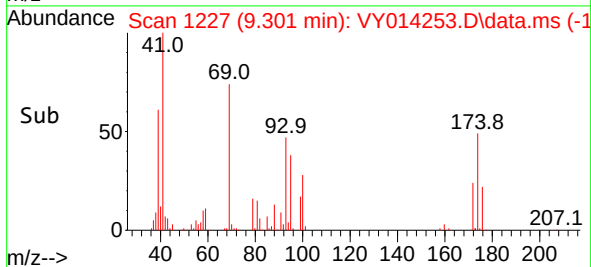
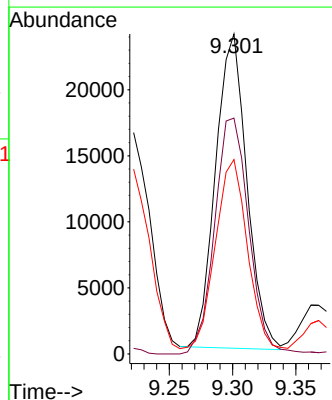
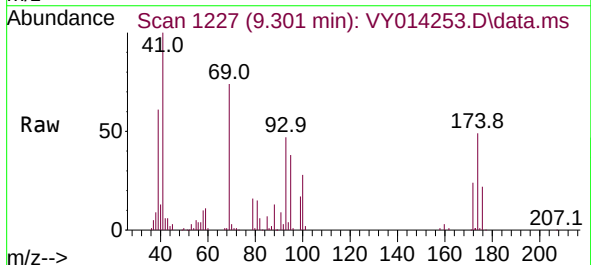
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

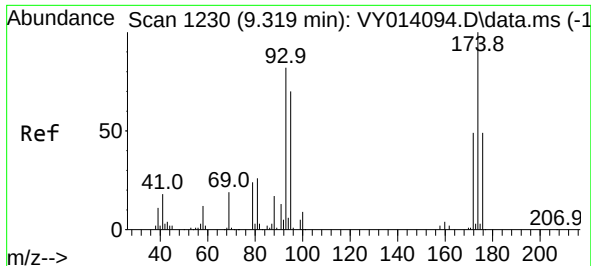
Tgt Ion: 83 Resp: 74479
Ion Ratio Lower Upper
83 100
85 63.1 50.1 75.1
127 10.3 7.1 10.7



#48
Methyl methacrylate
Concen: 22.898 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.007 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion: 41 Resp: 40885
Ion Ratio Lower Upper
41 100
69 82.2 64.5 96.7
39 65.9 50.8 76.2





#49

1,4-Dioxane

Concen: 494.570 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

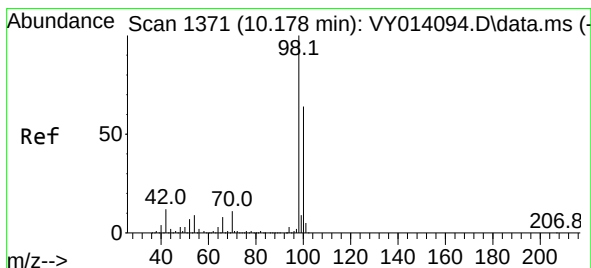
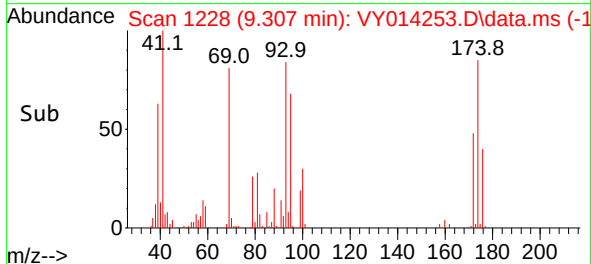
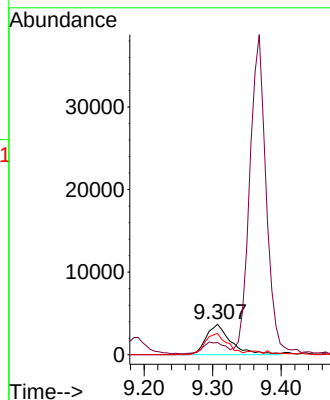
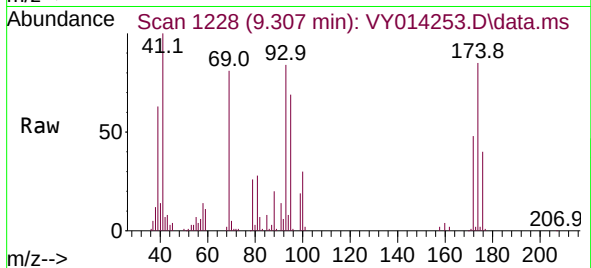
Tgt Ion: 88 Resp: 9249

Ion Ratio Lower Upper

88 100

43 34.0 0.0 0.0#

58 62.2 30.9 46.3#



#50

Toluene-d8

Concen: 49.704 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.007 min

Lab File: VY014253.D

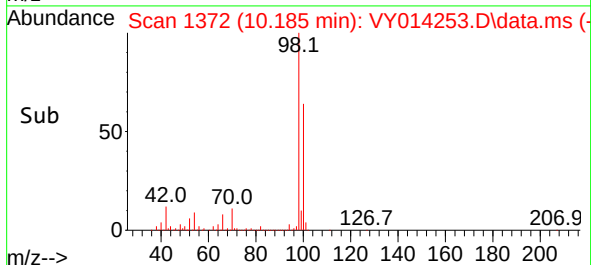
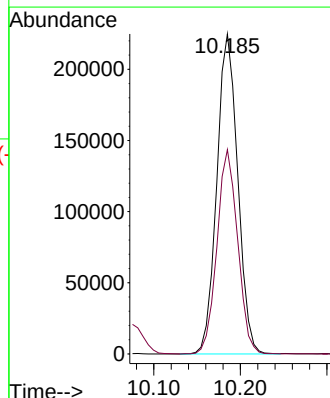
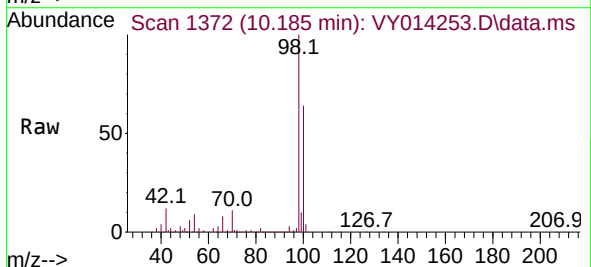
Acq: 20 Jun 2023 02:18

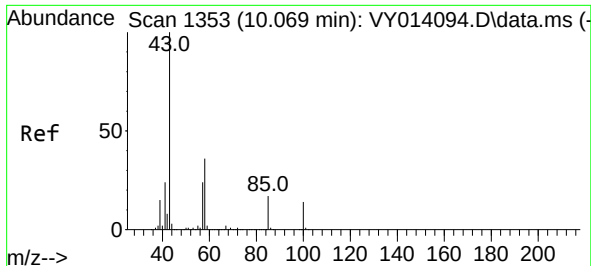
Tgt Ion: 98 Resp: 377314

Ion Ratio Lower Upper

98 100

100 63.0 50.1 75.1

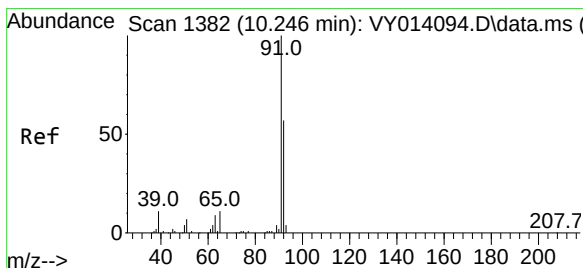
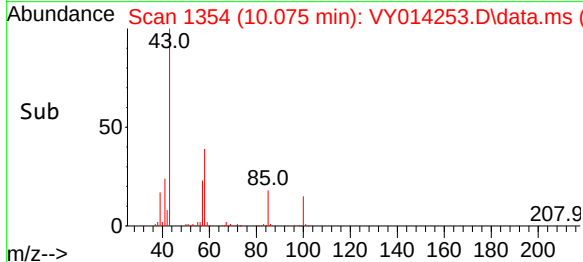
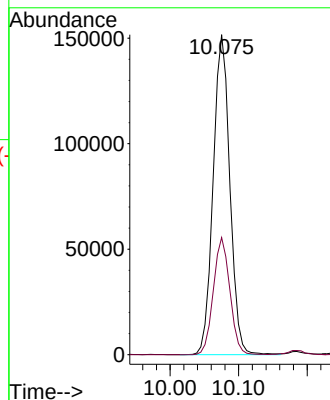
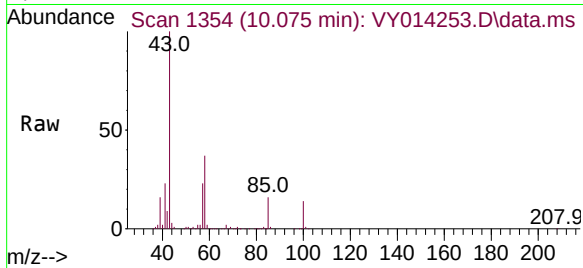




#51
4-Methyl-2-Pentanone
Concen: 123.187 ug/l
RT: 10.075 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

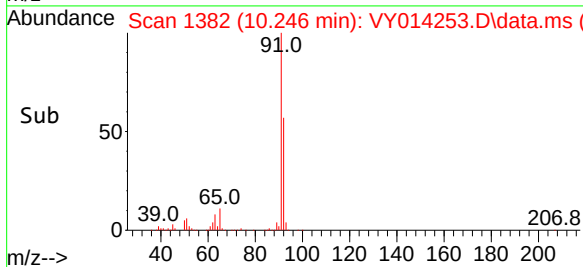
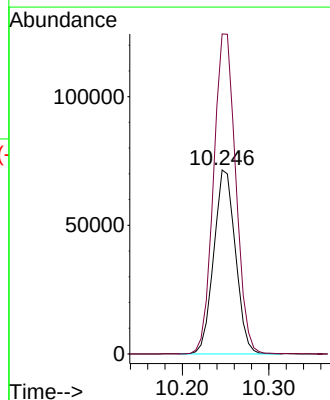
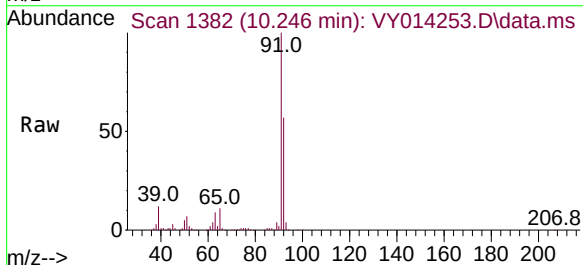
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

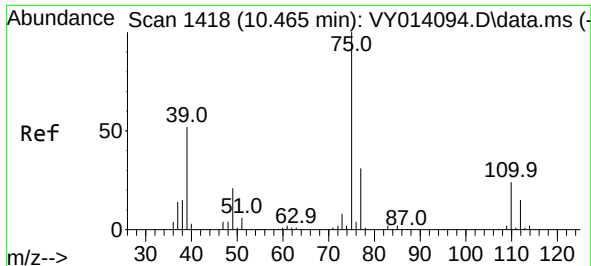
Tgt Ion: 43 Resp: 256208
Ion Ratio Lower Upper
43 100
58 36.2 29.0 43.6



#52
Toluene
Concen: 21.338 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion: 92 Resp: 124514
Ion Ratio Lower Upper
92 100
91 178.3 143.8 215.6

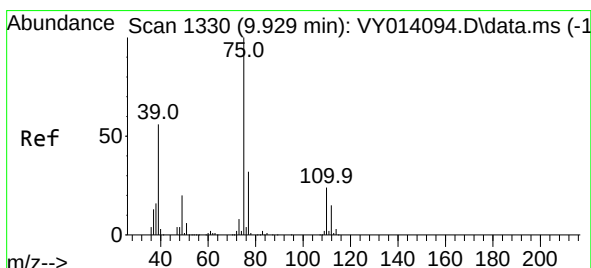
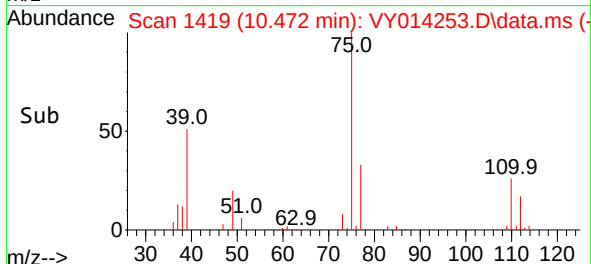
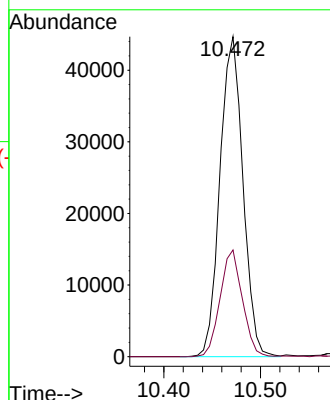
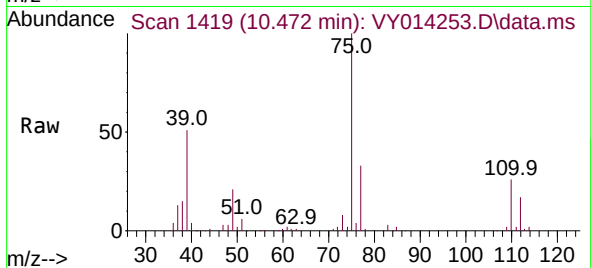




#53
t-1,3-Dichloropropene
Concen: 20.284 ug/l
RT: 10.472 min Scan# 1418
Delta R.T. 0.007 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

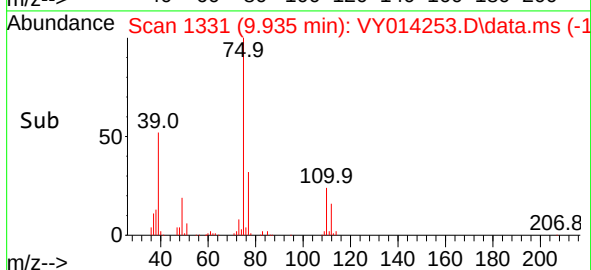
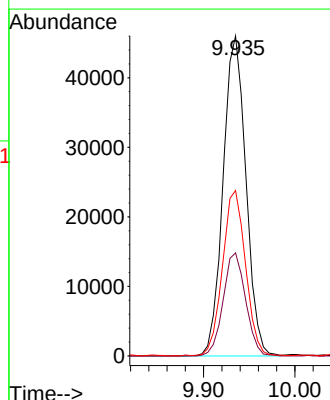
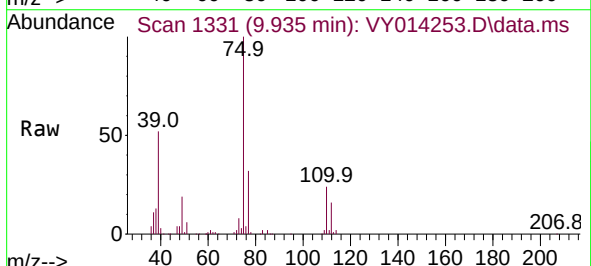
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

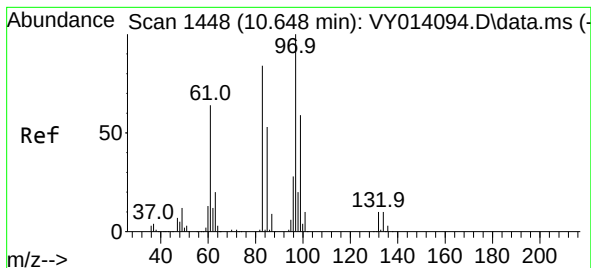
Tgt Ion: 75 Resp: 73583
Ion Ratio Lower Upper
75 100
77 33.4 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 20.140 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion: 75 Resp: 79717
Ion Ratio Lower Upper
75 100
77 32.2 24.2 36.4
39 51.7 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 22.998 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

Tgt Ion: 97 Resp: 44895

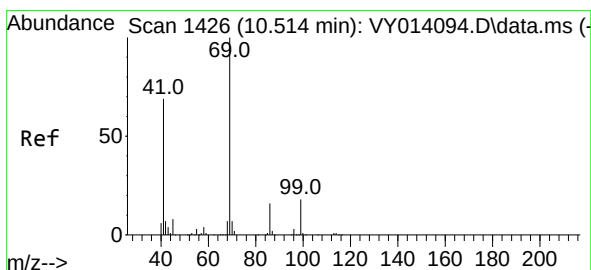
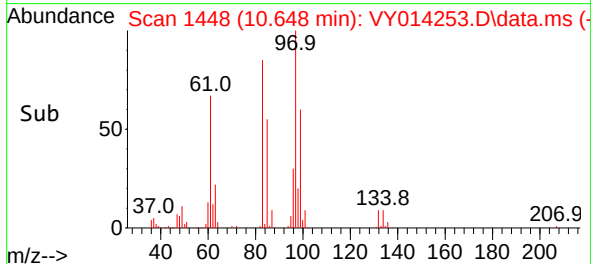
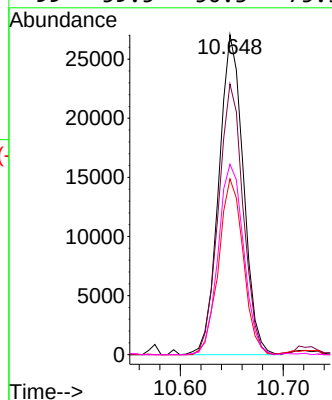
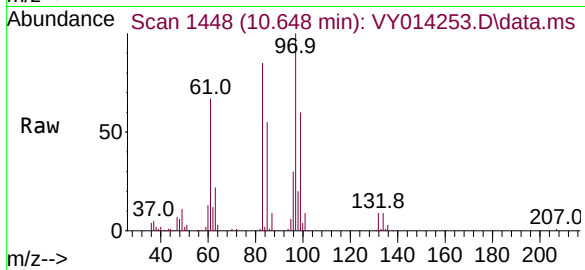
Ion Ratio Lower Upper

97 100

83 84.6 72.0 108.0

85 55.0 45.4 68.0

99 59.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 21.843 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

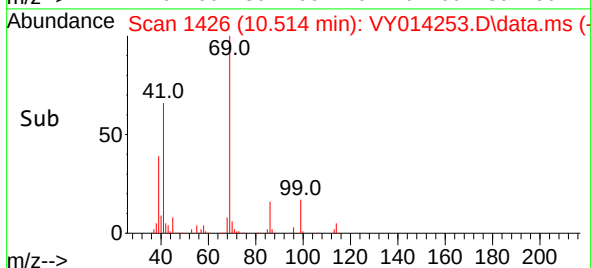
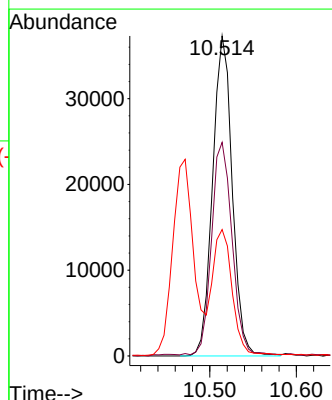
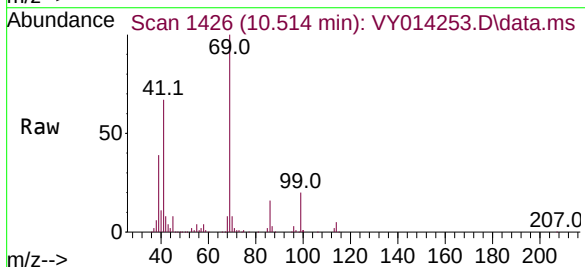
Tgt Ion: 69 Resp: 58815

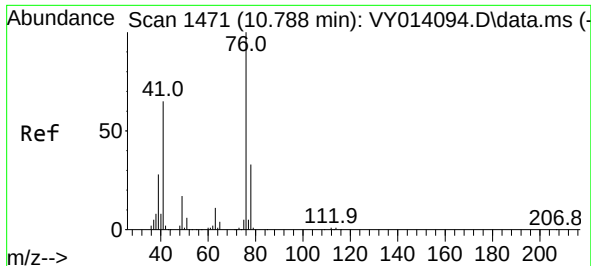
Ion Ratio Lower Upper

69 100

41 68.8 57.6 86.4

39 39.2 34.1 51.1





#57

1,3-Dichloropropane

Concen: 21.506 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

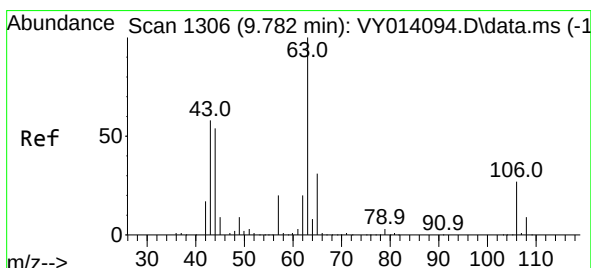
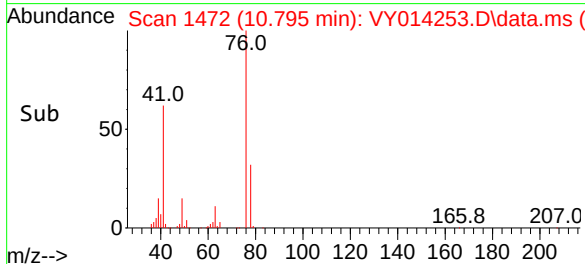
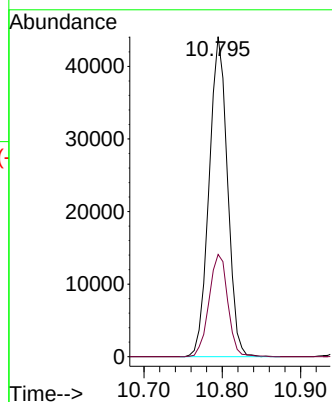
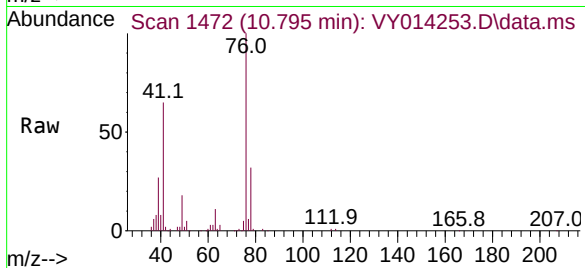
VY0619SBS02

Tgt Ion: 76 Resp: 71801

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 90.678 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.007 min

Lab File: VY014253.D

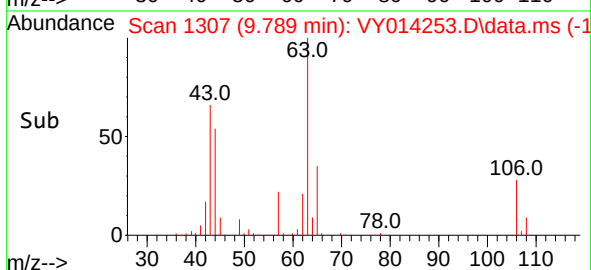
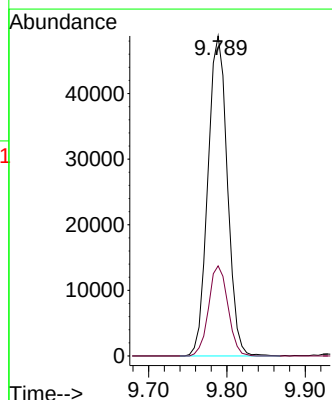
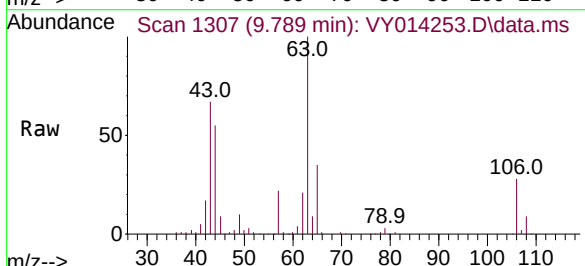
Acq: 20 Jun 2023 02:18

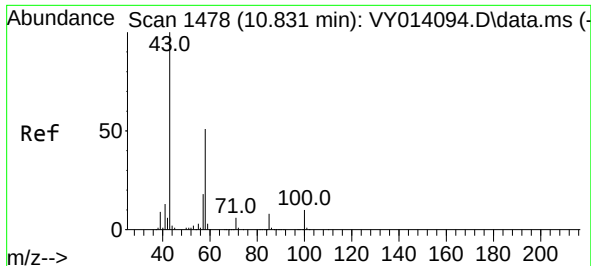
Tgt Ion: 63 Resp: 84319

Ion Ratio Lower Upper

63 100

106 27.8 21.2 31.8





#59

2-Hexanone

Concen: 121.420 ug/l

RT: 10.837 min Scan# 1478

Delta R.T. 0.006 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

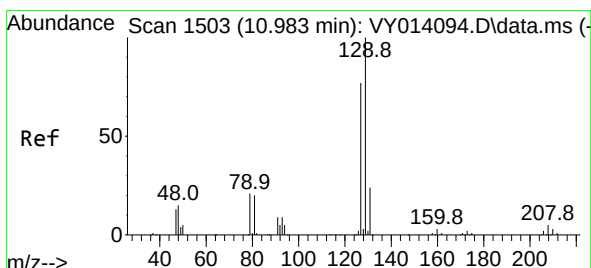
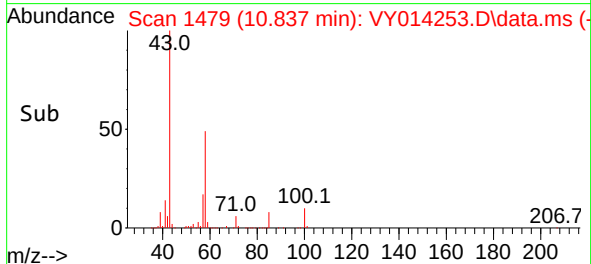
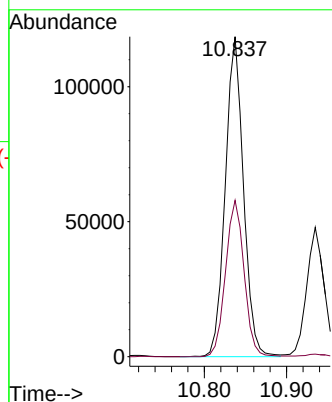
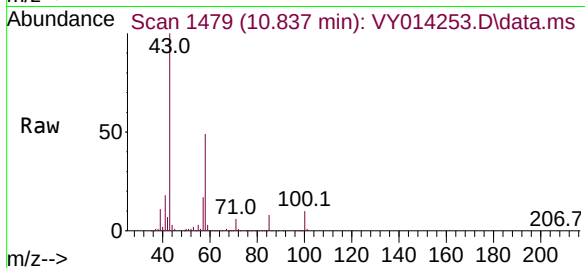
VY0619SBS02

Tgt Ion: 43 Resp: 182394

Ion Ratio Lower Upper

43 100

58 49.8 25.1 75.3



#60

Dibromochloromethane

Concen: 22.868 ug/l

RT: 10.990 min Scan# 1504

Delta R.T. 0.007 min

Lab File: VY014253.D

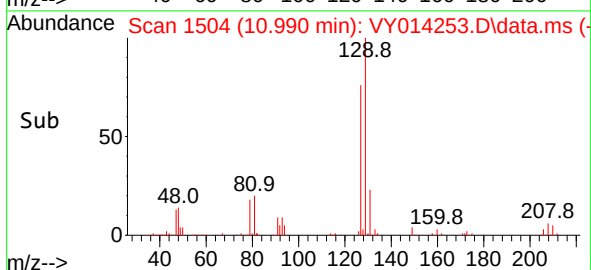
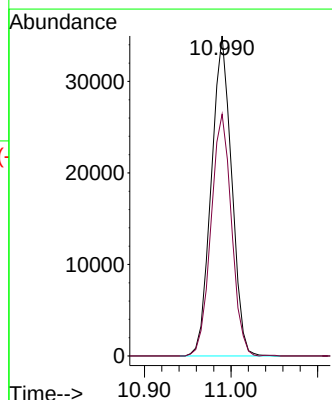
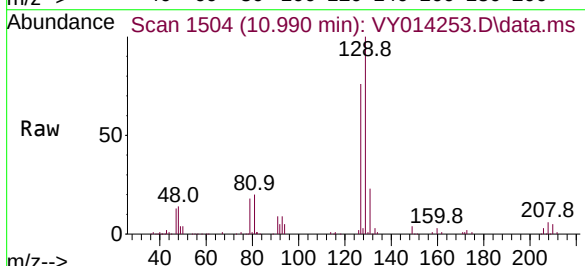
Acq: 20 Jun 2023 02:18

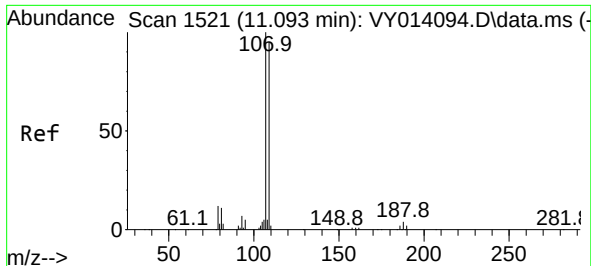
Tgt Ion: 129 Resp: 57136

Ion Ratio Lower Upper

129 100

127 75.8 38.5 115.5

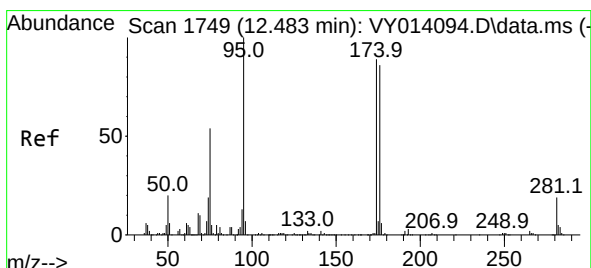
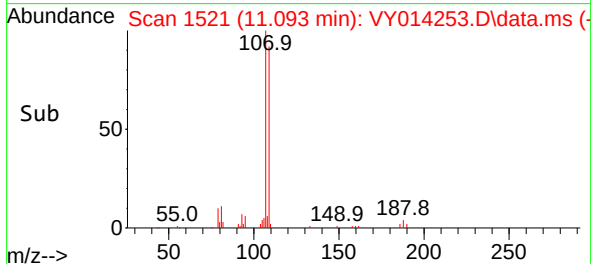
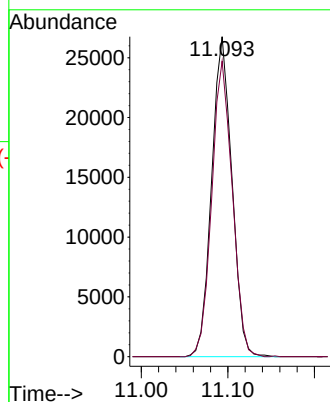
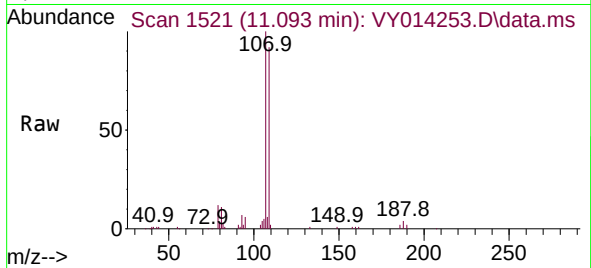




#61
1,2-Dibromoethane
Concen: 22.575 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

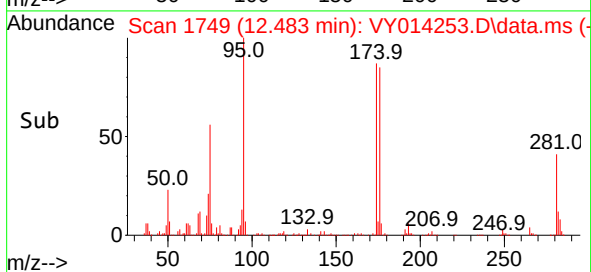
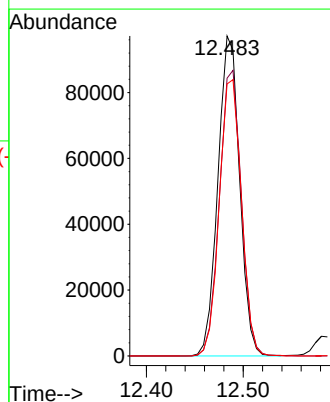
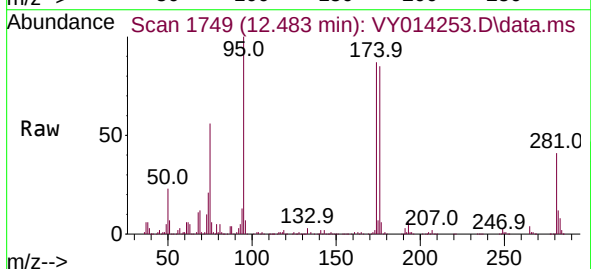
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

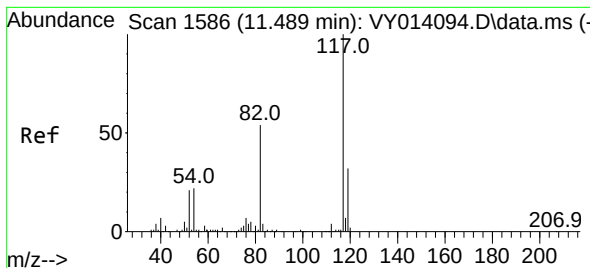
Tgt Ion:107 Resp: 43492
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 56.106 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion: 95 Resp: 151299
Ion Ratio Lower Upper
95 100
174 89.8 0.0 178.2
176 88.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

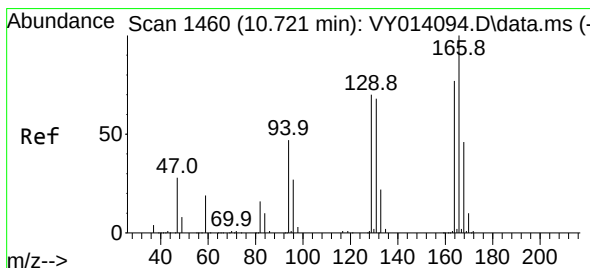
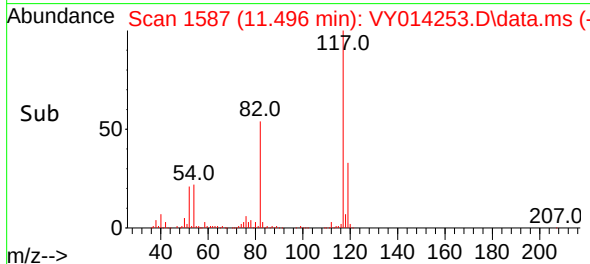
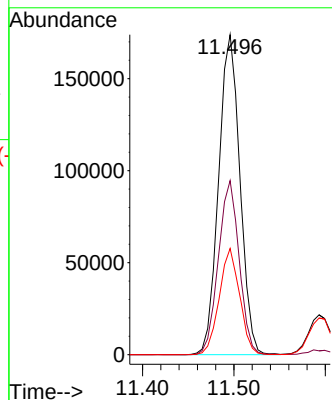
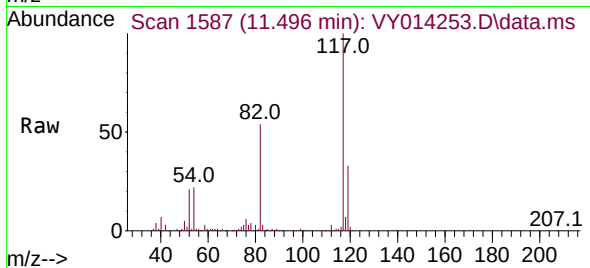
Tgt Ion:117 Resp: 282192

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

119 33.2 26.3 39.5



#64

Tetrachloroethene

Concen: 24.864 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Tgt Ion:164 Resp: 59806

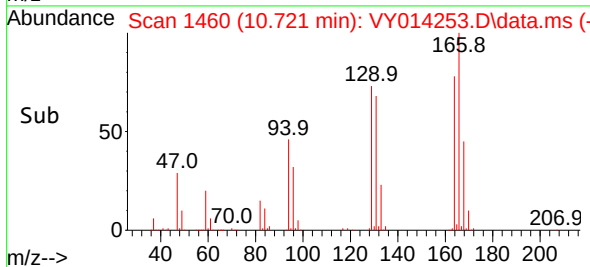
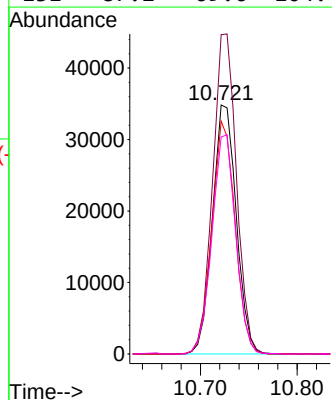
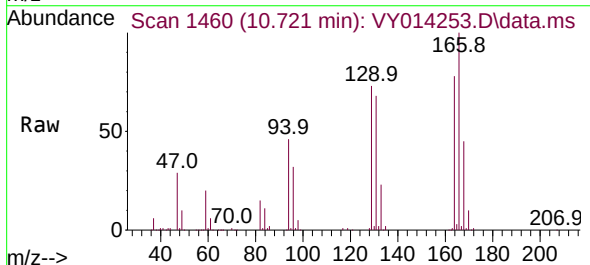
Ion Ratio Lower Upper

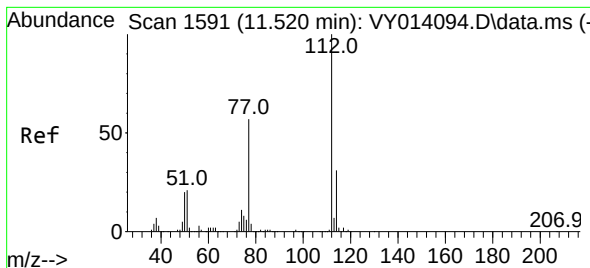
164 100

166 128.3 103.0 154.6

129 93.5 77.2 115.8

131 87.2 69.6 104.4





#65

Chlorobenzene

Concen: 19.930 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

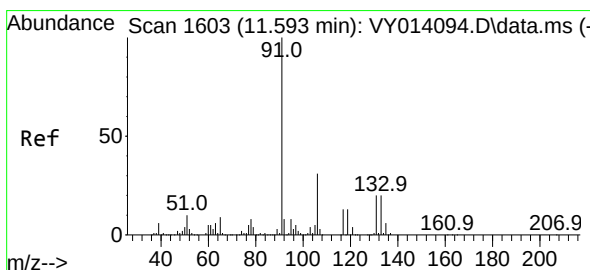
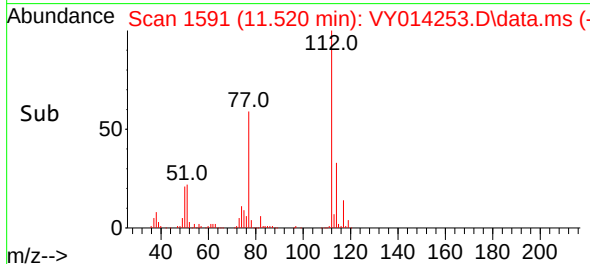
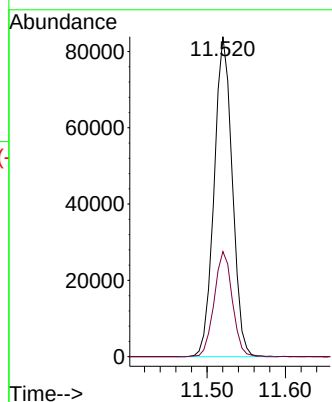
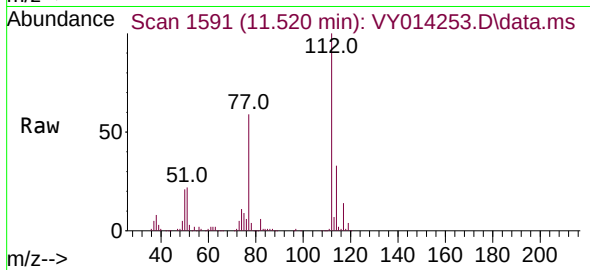
VY0619SBS02

Tgt Ion:112 Resp: 135140

Ion Ratio Lower Upper

112 100

114 32.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.578 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

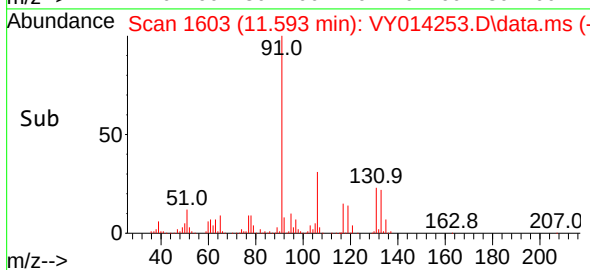
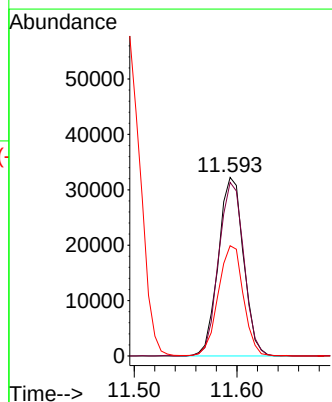
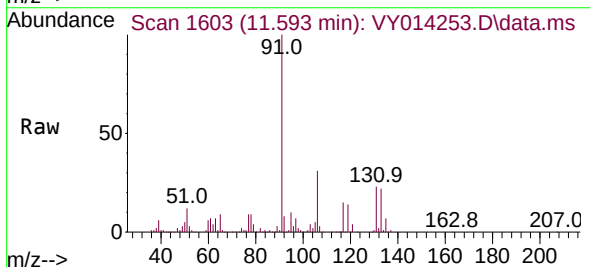
Tgt Ion:131 Resp: 54880

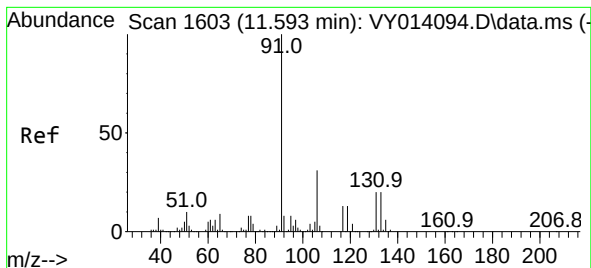
Ion Ratio Lower Upper

131 100

133 96.9 47.5 142.6

119 61.6 31.6 94.7





#67

Ethyl Benzene

Concen: 19.761 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

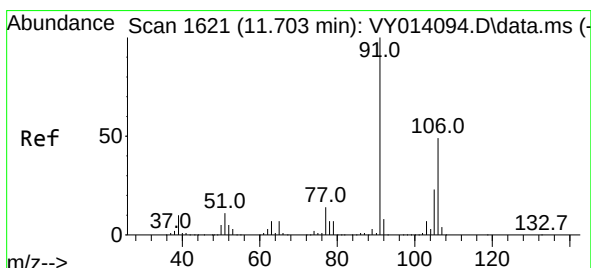
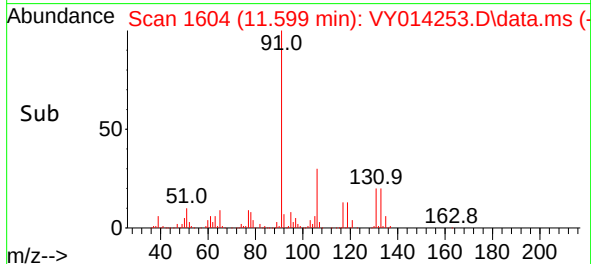
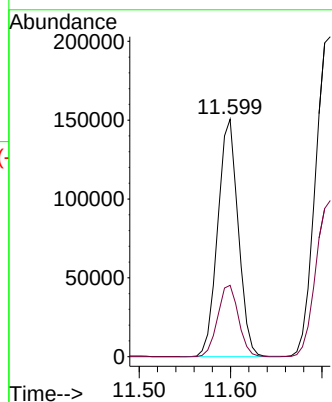
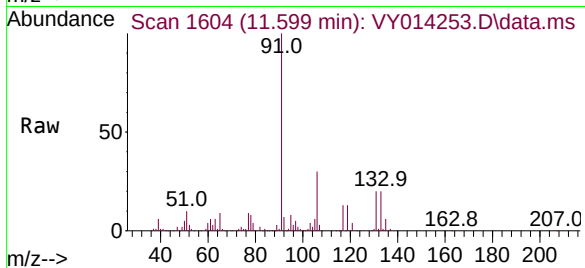
VY0619SBS02

Tgt Ion: 91 Resp: 234543

Ion Ratio Lower Upper

91 100

106 30.1 24.6 36.8



#68

m/p-Xylenes

Concen: 39.906 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY014253.D

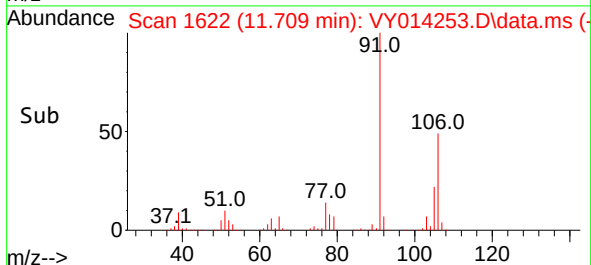
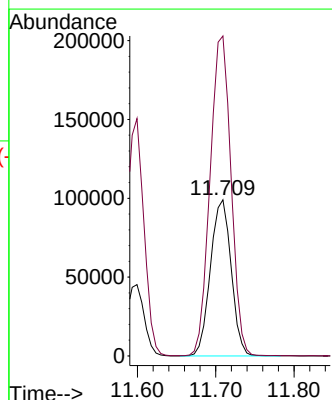
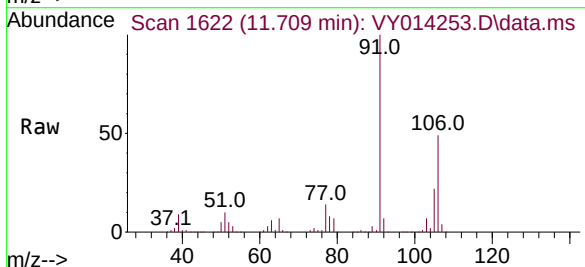
Acq: 20 Jun 2023 02:18

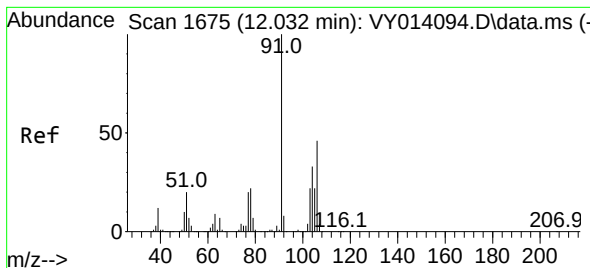
Tgt Ion:106 Resp: 182178

Ion Ratio Lower Upper

106 100

91 207.2 166.1 249.1

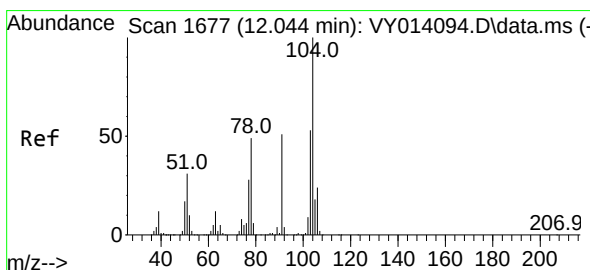
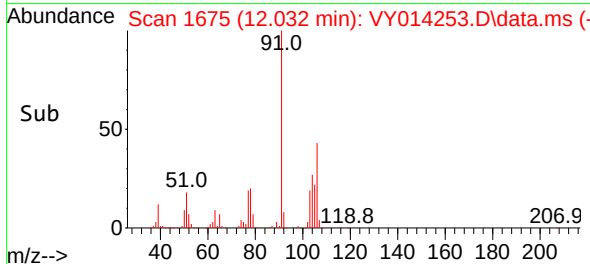
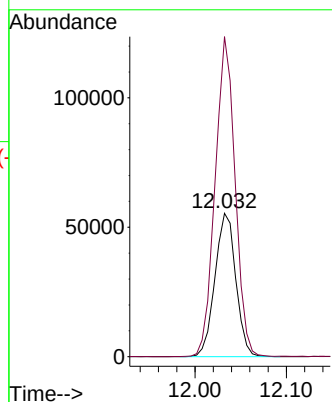
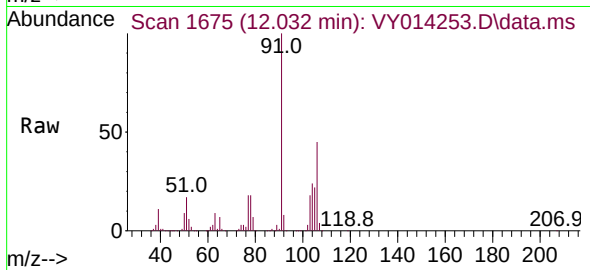




#69
o-Xylene
Concen: 20.358 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

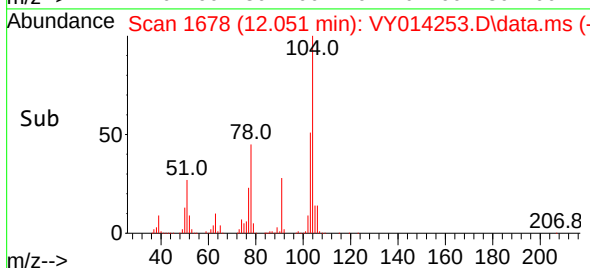
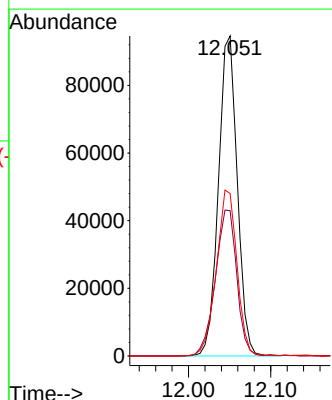
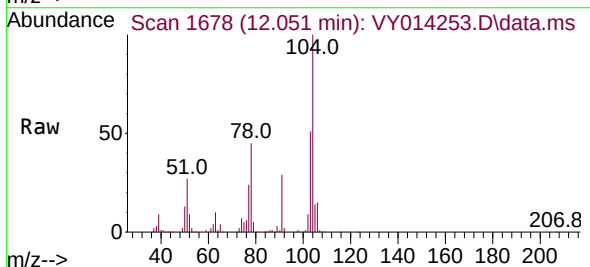
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

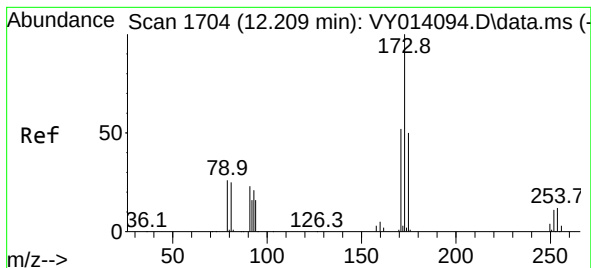
Tgt Ion:106 Resp: 87869
Ion Ratio Lower Upper
106 100
91 214.2 108.1 324.3



#70
Styrene
Concen: 20.461 ug/l
RT: 12.051 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion:104 Resp: 150724
Ion Ratio Lower Upper
104 100
78 51.9 41.5 62.3
103 56.9 44.6 67.0





#71

Bromoform

Concen: 21.987 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

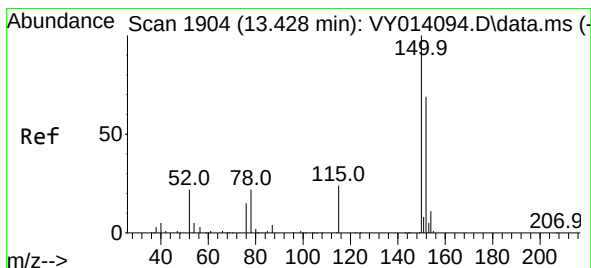
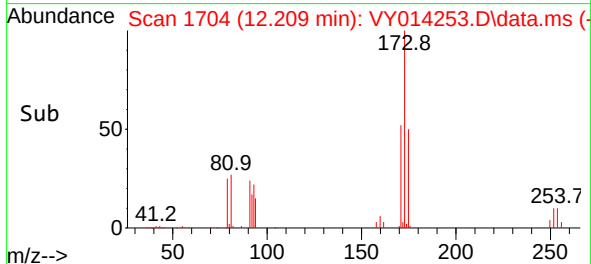
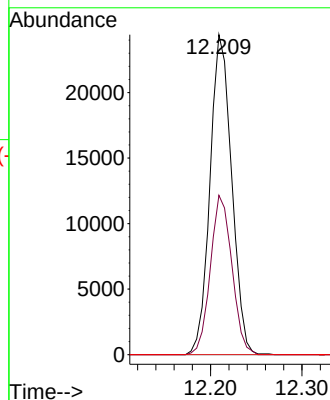
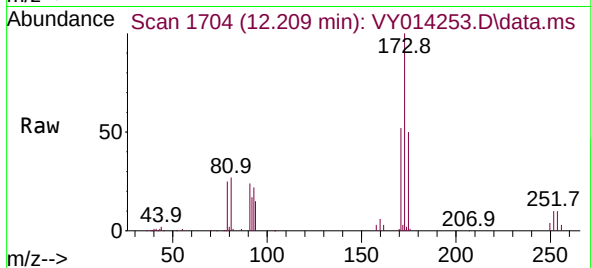
Tgt Ion:173 Resp: 40158

Ion Ratio Lower Upper

173 100

175 49.5 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

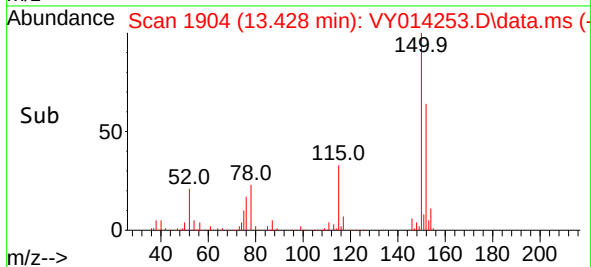
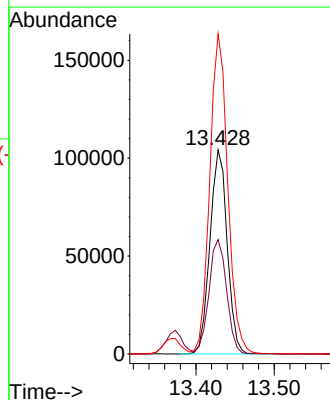
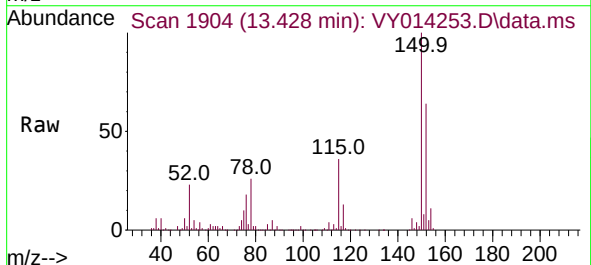
Tgt Ion:152 Resp: 159056

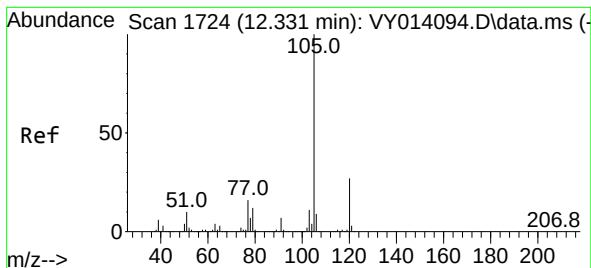
Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 163.7 0.0 348.8





#73

Isopropylbenzene

Concen: 18.996 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

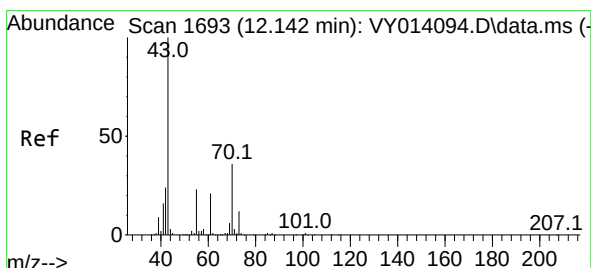
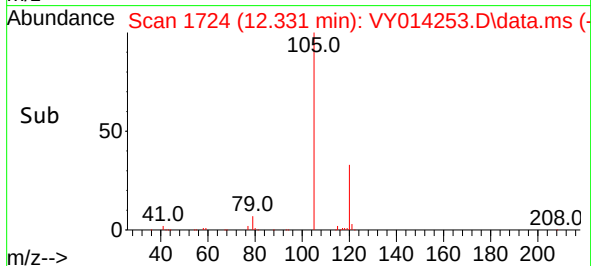
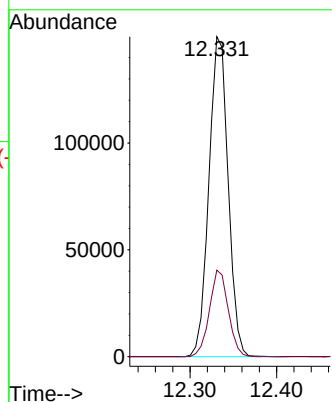
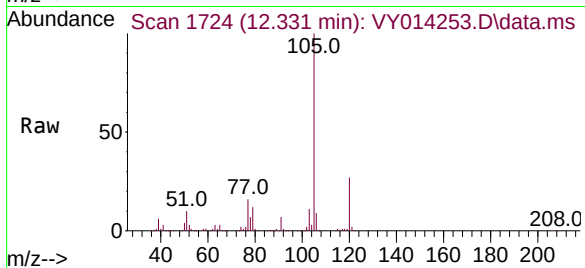
VY0619SBS02

Tgt Ion:105 Resp: 230494

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 18.320 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Tgt Ion: 43 Resp: 70442

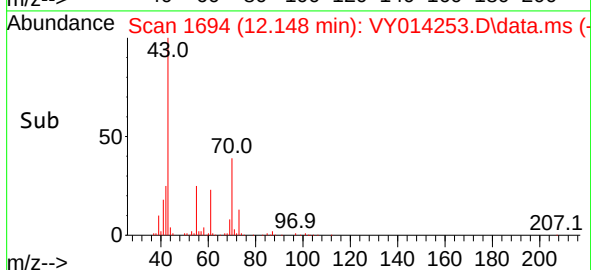
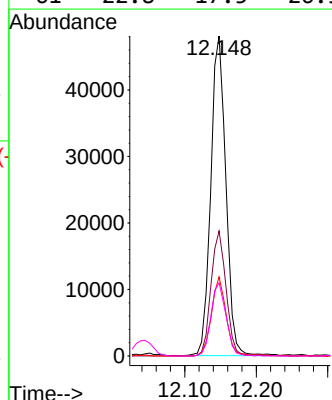
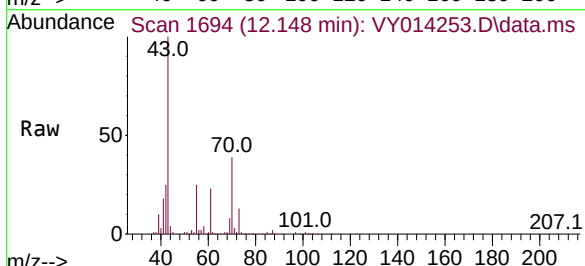
Ion Ratio Lower Upper

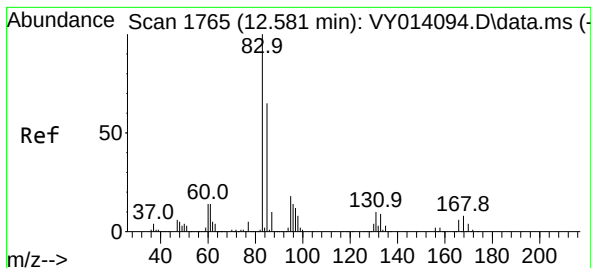
43 100

70 39.2 29.7 44.5

55 24.2 18.3 27.5

61 22.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.403 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

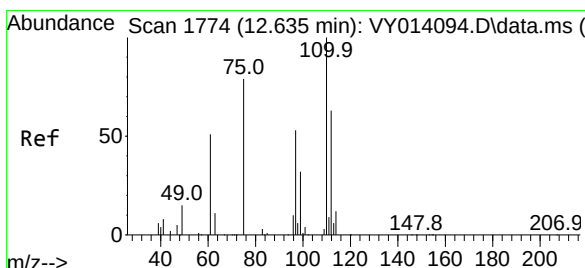
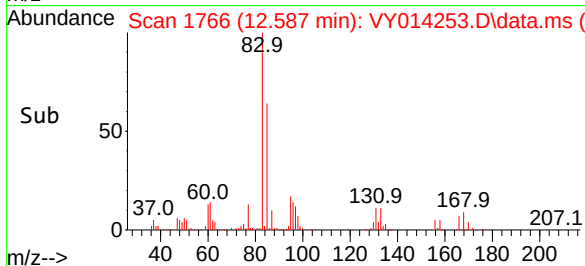
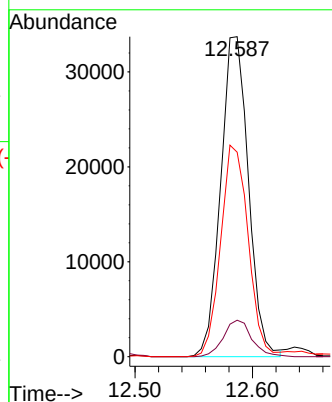
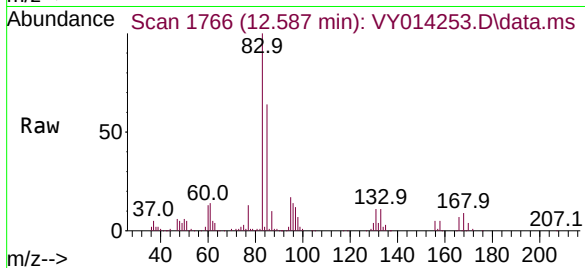
Tgt Ion: 83 Resp: 55318

Ion Ratio Lower Upper

83 100

131 11.7 5.4 16.2

85 65.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.197 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.001 min

Lab File: VY014253.D

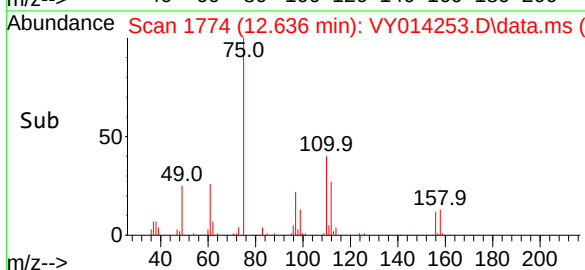
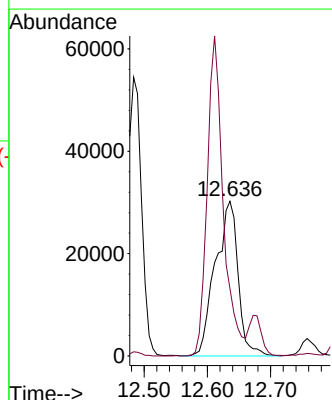
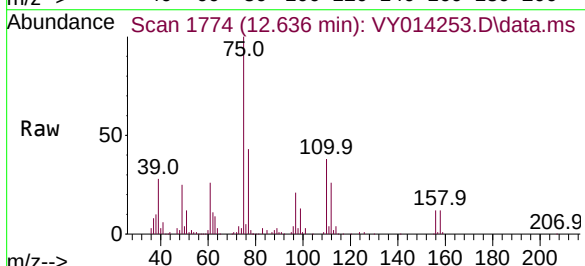
Acq: 20 Jun 2023 02:18

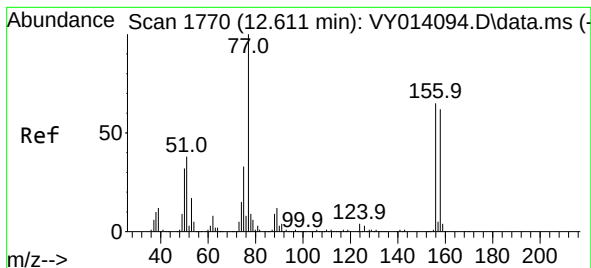
Tgt Ion: 75 Resp: 75536

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.647 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

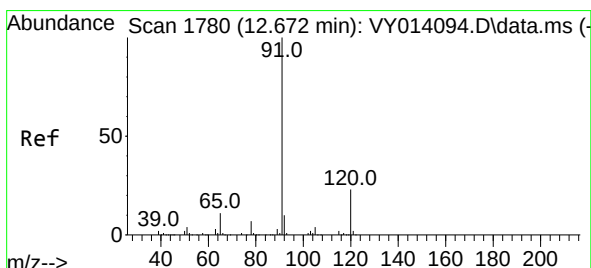
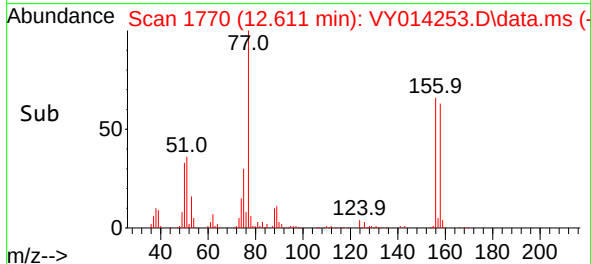
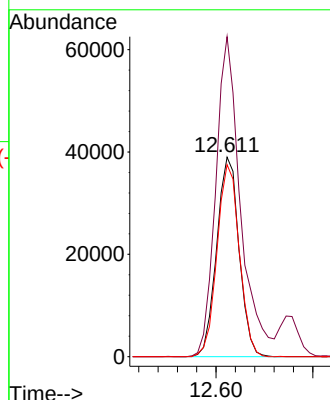
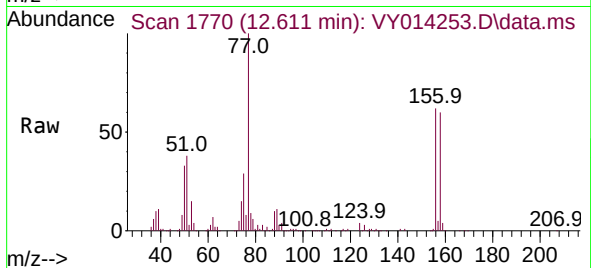
Tgt Ion:156 Resp: 62658

Ion Ratio Lower Upper

156 100

77 177.2 92.8 278.6

158 95.7 48.4 145.3



#78

n-propylbenzene

Concen: 19.414 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014253.D

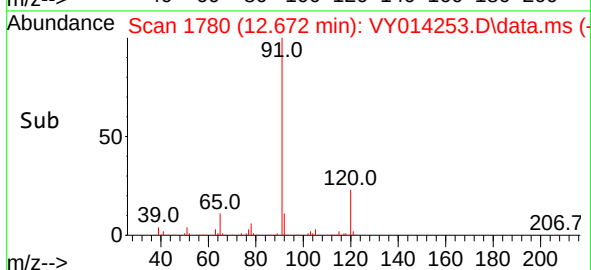
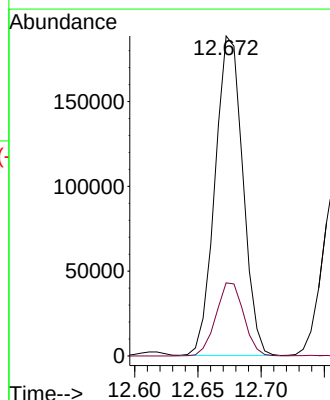
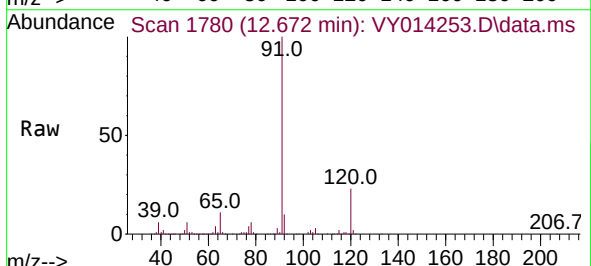
Acq: 20 Jun 2023 02:18

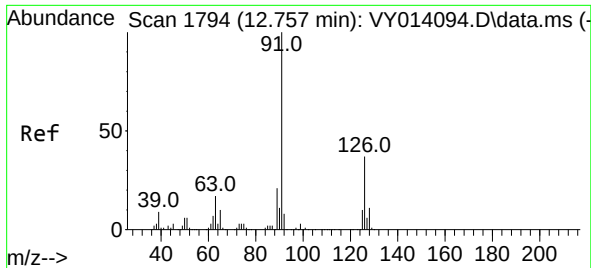
Tgt Ion: 91 Resp: 287727

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

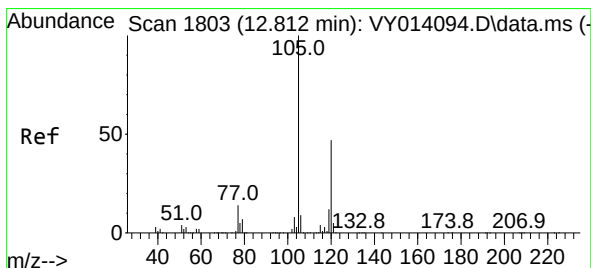
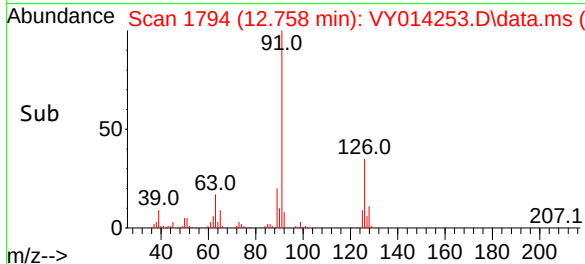
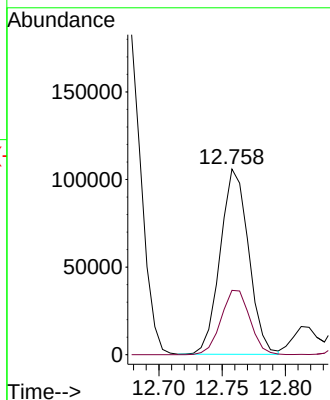
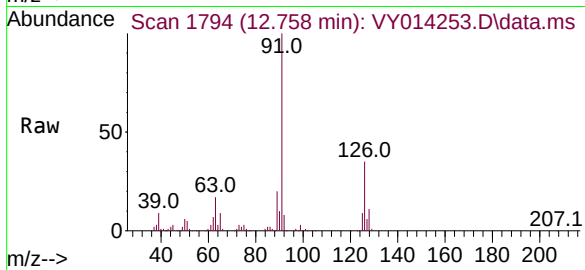




#79
2-Chlorotoluene
Concen: 19.364 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

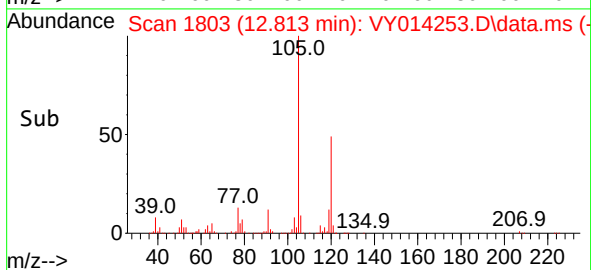
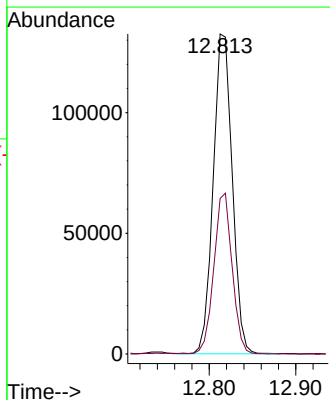
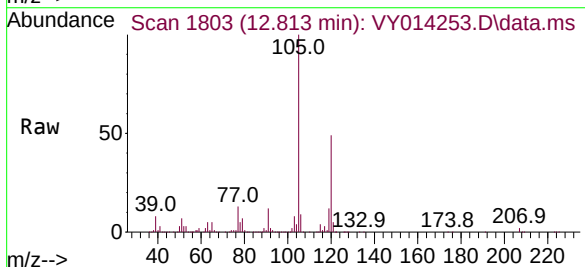
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

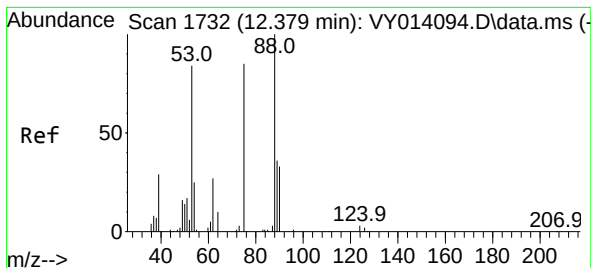
Tgt Ion: 91 Resp: 165129
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.492 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion: 105 Resp: 202511
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.7

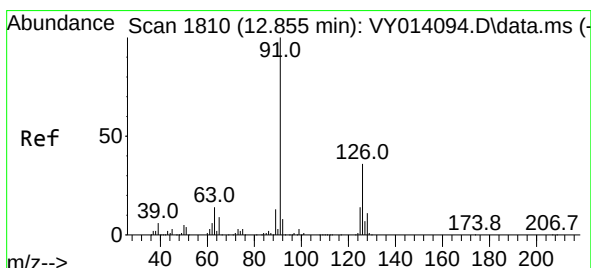
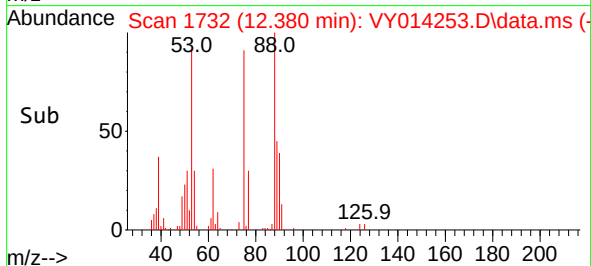
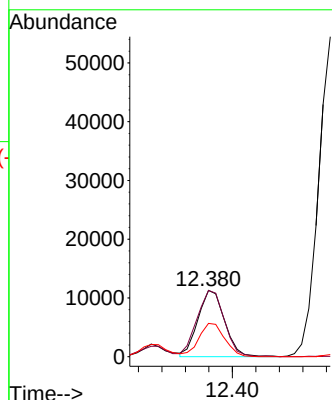
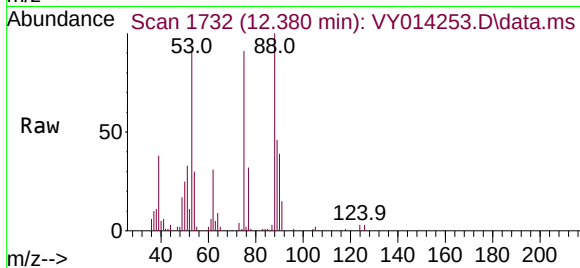




#81
trans-1,4-Dichloro-2-butene
Concen: 18.344 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

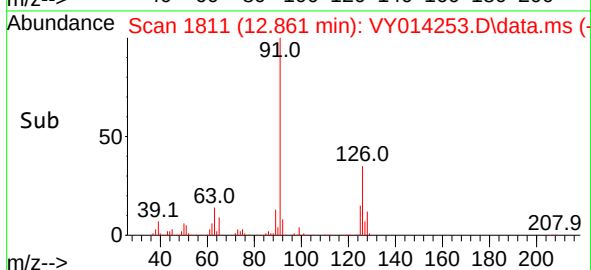
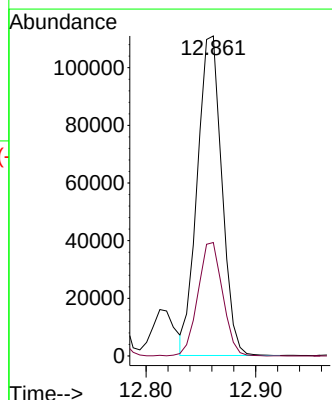
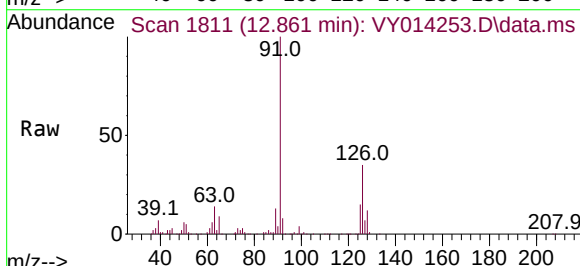
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

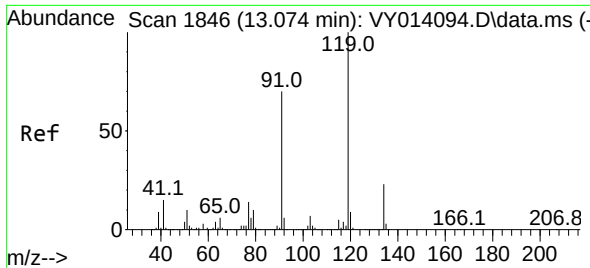
Tgt Ion: 75 Resp: 17709
Ion Ratio Lower Upper
75 100
53 102.6 77.8 116.8
89 49.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.085 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion: 91 Resp: 172470
Ion Ratio Lower Upper
91 100
126 35.7 17.2 51.6

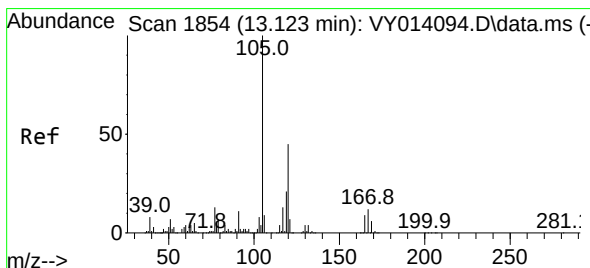
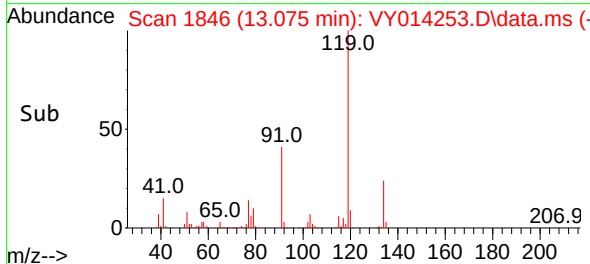
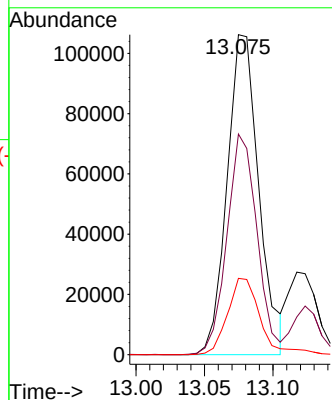
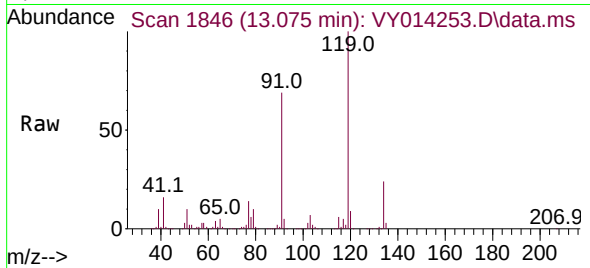




#83
tert-Butylbenzene
Concen: 19.417 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.001 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

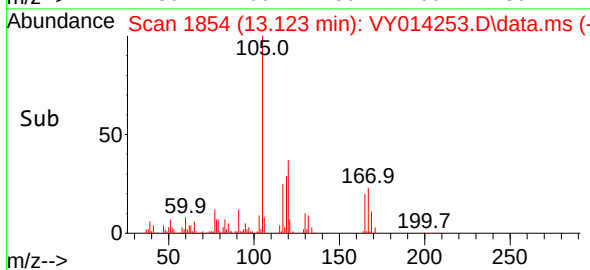
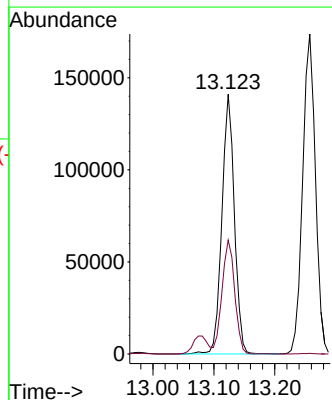
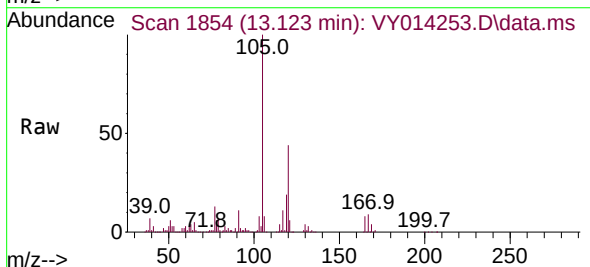
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

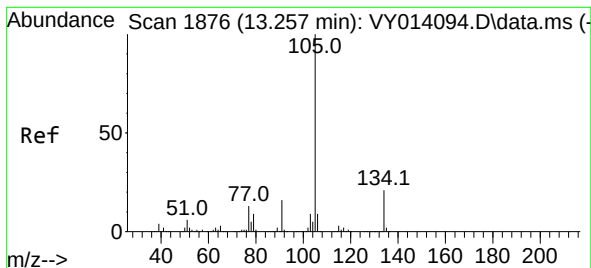
Tgt Ion:119 Resp: 171431
Ion Ratio Lower Upper
119 100
91 65.4 32.9 98.6
134 24.6 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 19.594 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY014253.D
Acq: 20 Jun 2023 02:18

Tgt Ion:105 Resp: 201515
Ion Ratio Lower Upper
105 100
120 44.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.704 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.001 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

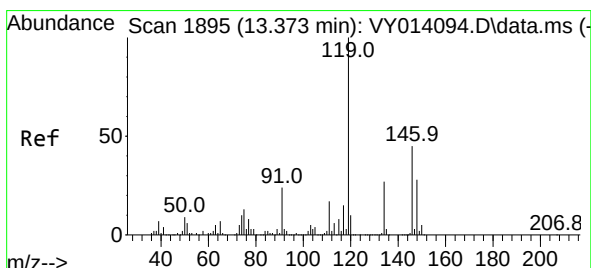
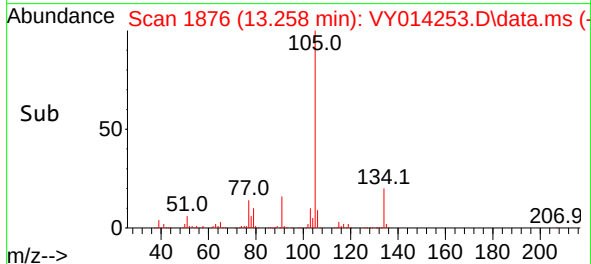
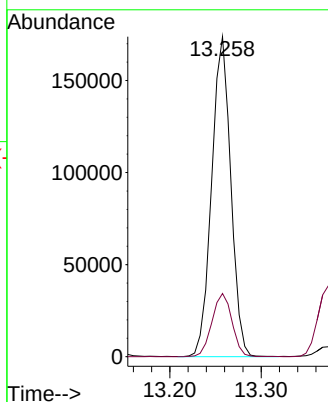
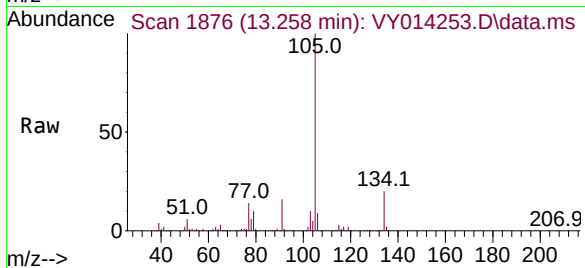
VY0619SBS02

Tgt Ion:105 Resp: 252927

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.115 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

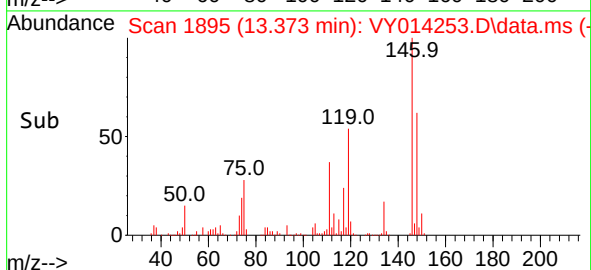
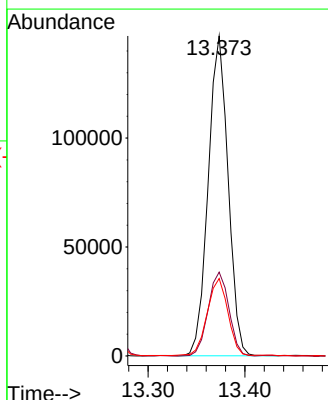
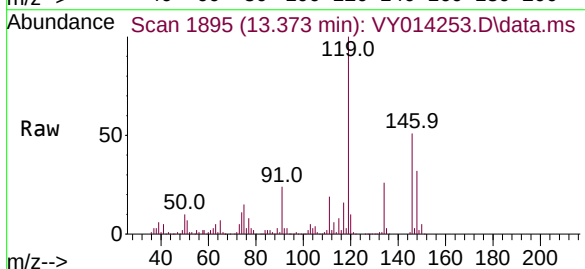
Tgt Ion:119 Resp: 209985

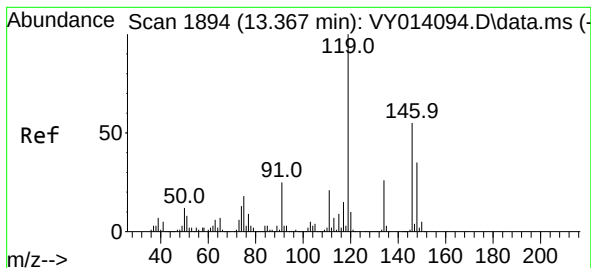
Ion Ratio Lower Upper

119 100

134 27.3 13.3 39.8

91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.687 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

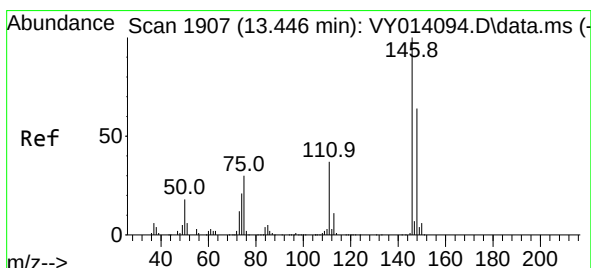
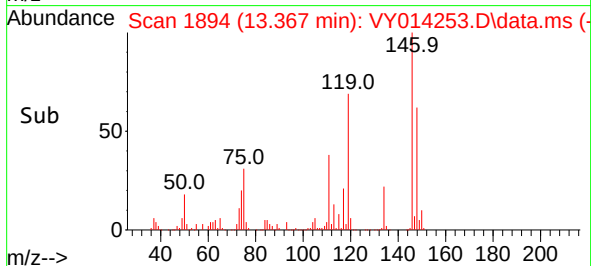
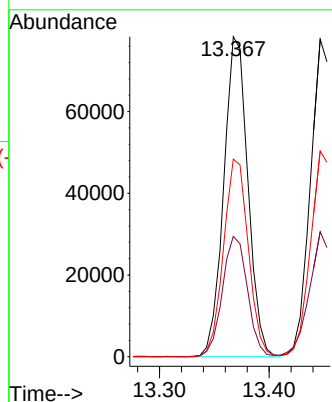
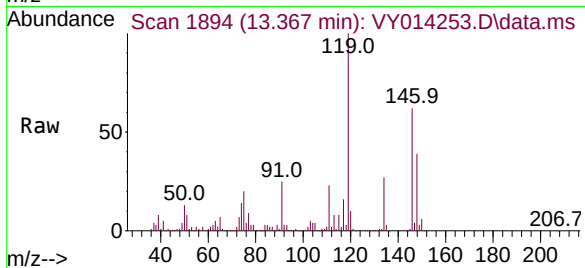
Tgt Ion:146 Resp: 119875

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.2

148 63.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.567 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

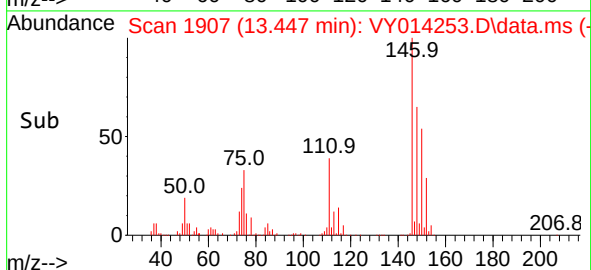
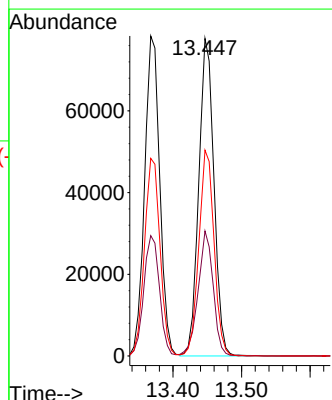
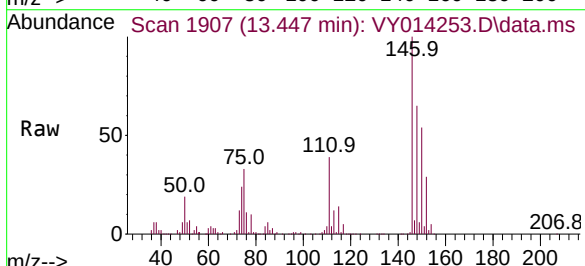
Tgt Ion:146 Resp: 120044

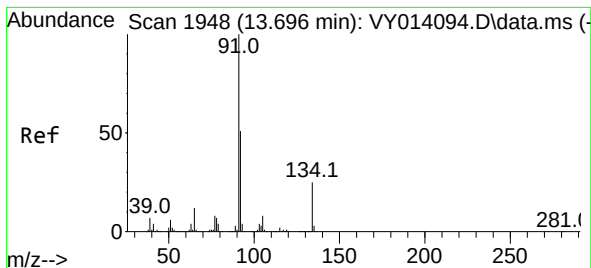
Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.7

148 64.9 32.1 96.5





#89

n-Butylbenzene

Concen: 19.111 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

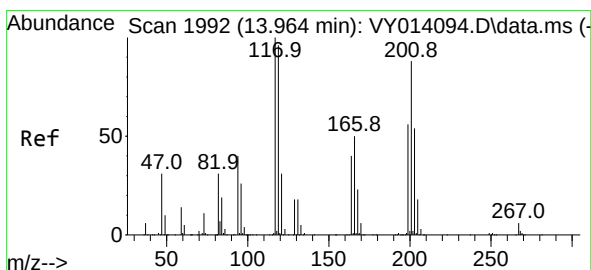
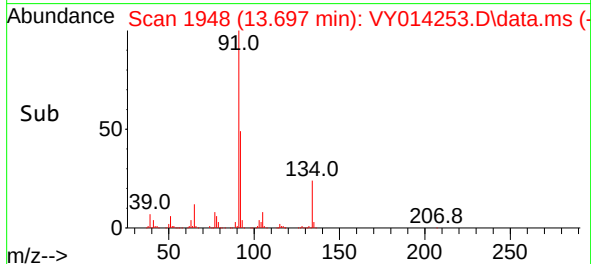
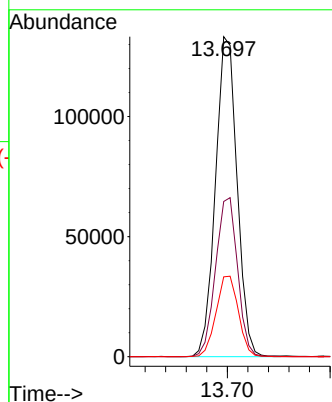
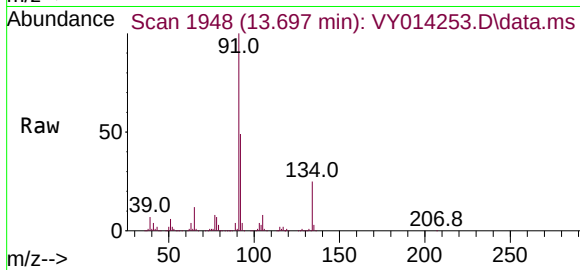
Tgt Ion: 91 Resp: 194730

Ion Ratio Lower Upper

91 100

92 50.5 25.4 76.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 19.768 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.001 min

Lab File: VY014253.D

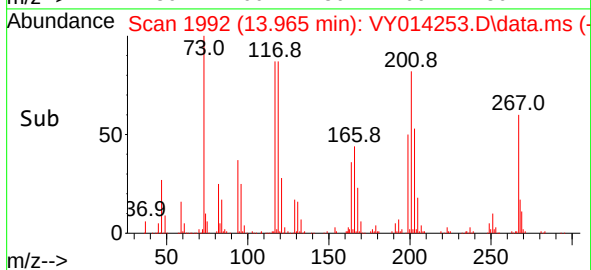
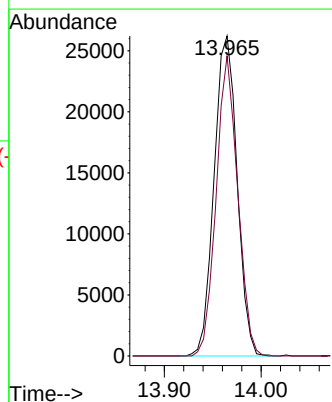
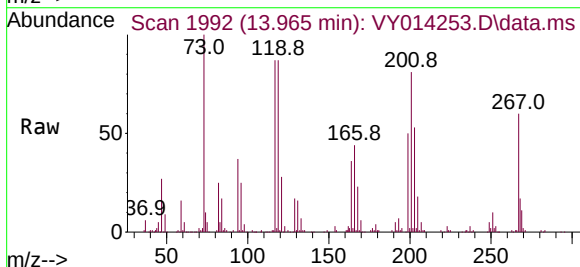
Acq: 20 Jun 2023 02:18

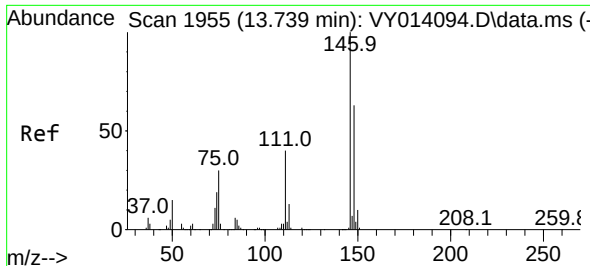
Tgt Ion: 117 Resp: 43273

Ion Ratio Lower Upper

117 100

201 87.6 41.6 124.8

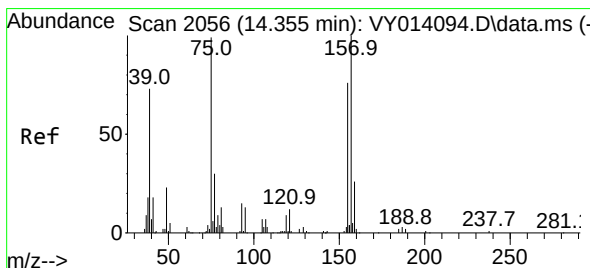
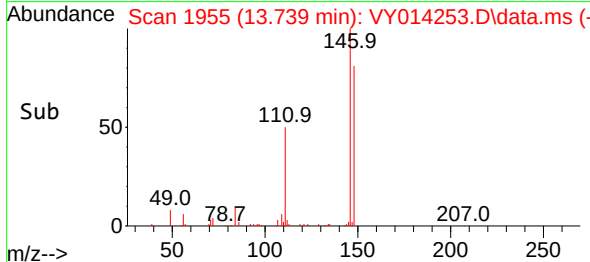
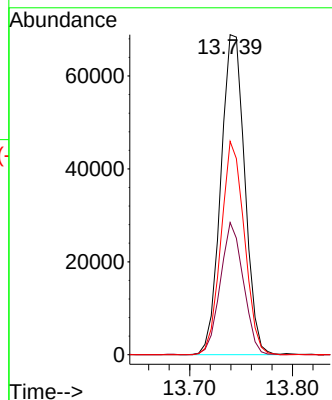
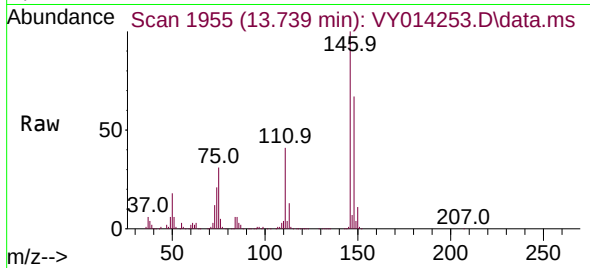




#91
 1,2-Dichlorobenzene
 Concen: 20.321 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY014253.D
 Acq: 20 Jun 2023 02:18

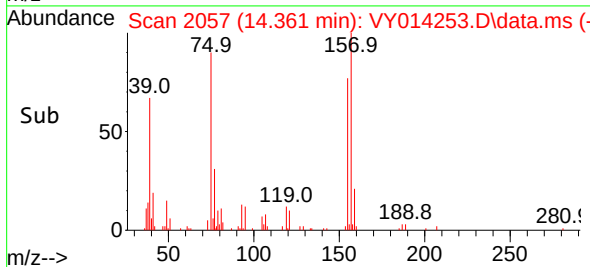
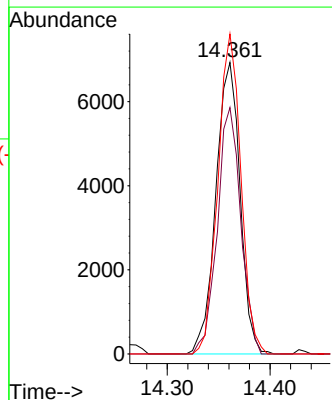
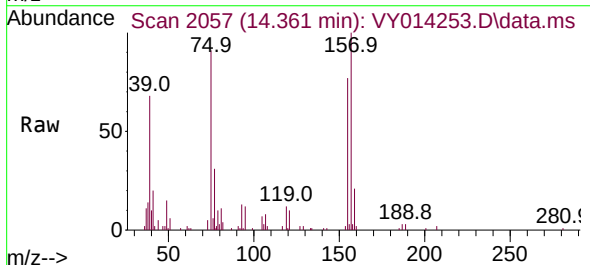
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS02

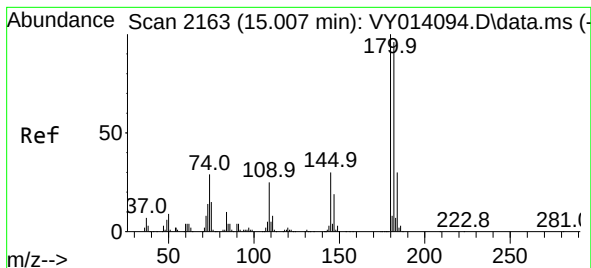
Tgt Ion:	146	Resp:	111131
Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.7	59.0
148	65.1	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.931 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY014253.D
 Acq: 20 Jun 2023 02:18

Tgt Ion:	75	Resp:	11323
Ion	Ratio	Lower	Upper
75	100		
155	82.0	41.5	124.6
157	104.6	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.207 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

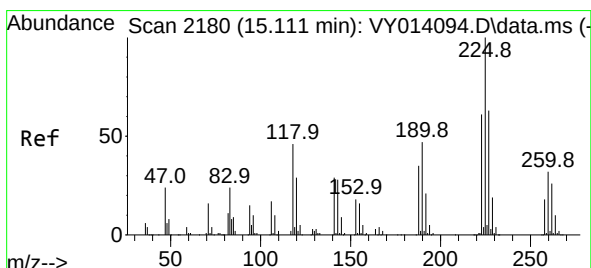
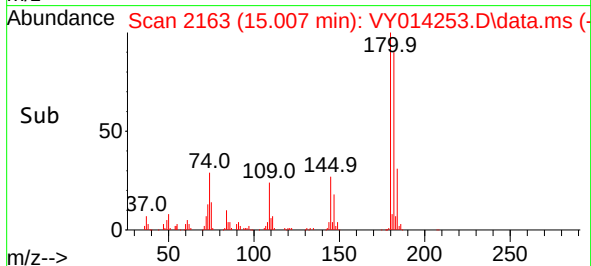
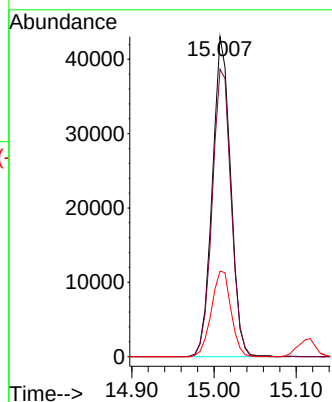
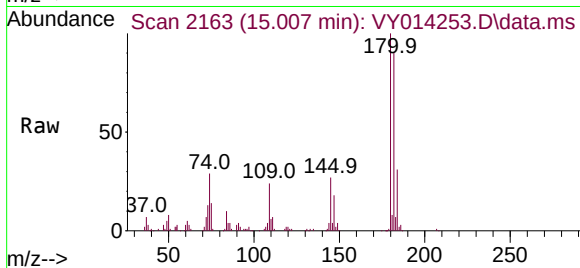
Tgt Ion:180 Resp: 66542

Ion Ratio Lower Upper

180 100

182 92.7 47.0 141.2

145 28.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.067 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

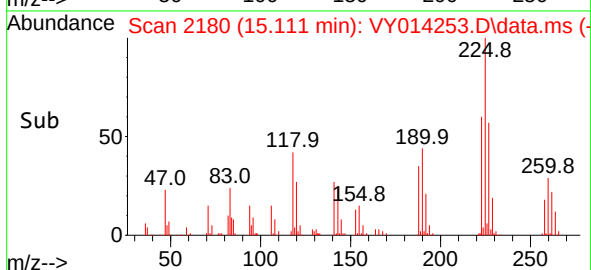
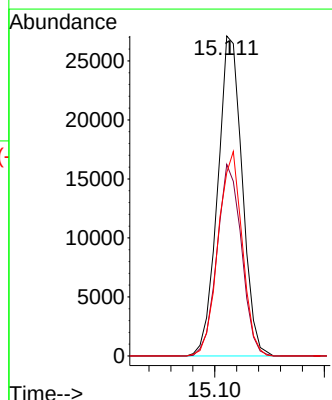
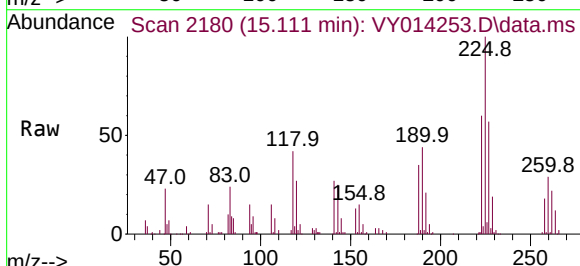
Tgt Ion:225 Resp: 42136

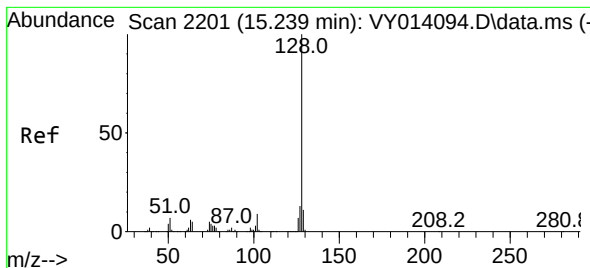
Ion Ratio Lower Upper

225 100

223 59.5 31.9 95.9

227 62.7 33.0 98.9





#95

Naphthalene

Concen: 19.718 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

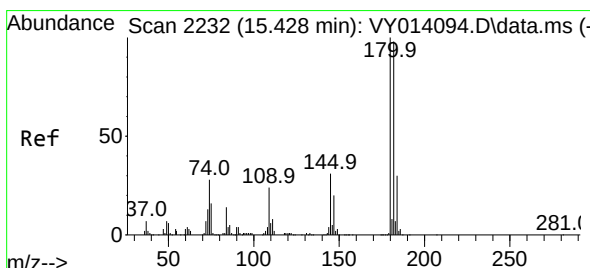
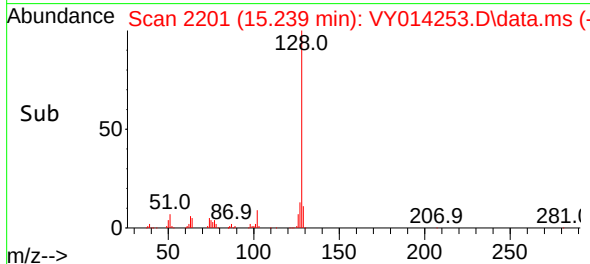
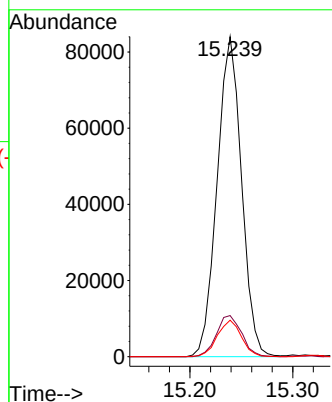
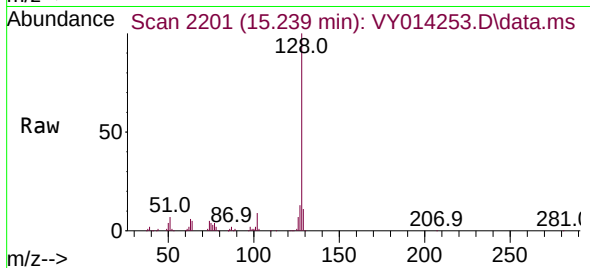
Tgt Ion:128 Resp: 138652

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.449 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY014253.D

Acq: 20 Jun 2023 02:18

Tgt Ion:180 Resp: 60885

Ion Ratio Lower Upper

180 100

182 96.5 47.3 141.8

145 32.4 15.4 46.2

