

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
 Data File : VY012204.D
 Acq On : 16 Jan 2023 17:08
 Operator : KP/MD
 Sample : VY0116SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0116SBS01

Quant Time: Jan 17 04:48:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	187954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	287814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	266553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135573	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	77485	49.713	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.420%
35) Dibromofluoromethane	7.715	113	69563	45.646	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.300%
50) Toluene-d8	10.178	98	257908	48.734	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.460%
62) 4-Bromofluorobenzene	12.483	95	98602	45.897	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	37660	22.928	ug/l	96
3) Chloromethane	2.113	50	31782	20.960	ug/l	99
4) Vinyl Chloride	2.253	62	36001	20.341	ug/l	99
5) Bromomethane	2.643	94	30155	22.037	ug/l	91
6) Chloroethane	2.790	64	23406	20.278	ug/l	95
7) Trichlorofluoromethane	3.125	101	72237	20.913	ug/l	97
8) Diethyl Ether	3.527	74	20251	19.702	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.905	101	35000	20.819	ug/l	94
10) Methyl Iodide	4.094	142	40220	15.742	ug/l	95
11) Tert butyl alcohol	4.942	59	31126	164.129	ug/l #	91
12) 1,1-Dichloroethene	3.875	96	35502	20.566	ug/l	95
13) Acrolein	3.728	56	10602	138.621	ug/l	96
14) Allyl chloride	4.478	41	44019	20.623	ug/l #	87
15) Acrylonitrile	5.155	53	46062	102.595	ug/l	99
16) Acetone	3.948	43	48489	92.648	ug/l	99
17) Carbon Disulfide	4.192	76	108319	20.286	ug/l	98
18) Methyl Acetate	4.478	43	22515	19.225	ug/l #	88
19) Methyl tert-butyl Ether	5.222	73	96263	20.004	ug/l	96
20) Methylene Chloride	4.716	84	45364	15.167	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	39727	20.623	ug/l	88
22) Diisopropyl ether	6.118	45	88695	20.843	ug/l #	93
23) Vinyl Acetate	6.063	43	276082	104.118	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	61390	20.799	ug/l	96
25) 2-Butanone	6.990	43	58269	100.848	ug/l	93
26) 2,2-Dichloropropane	6.978	77	66636	20.797	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	43198	20.415	ug/l	96
28) Bromochloromethane	7.331	49	13103	20.327	ug/l #	78
29) Tetrahydrofuran	7.344	42	33042	104.110	ug/l #	84
30) Chloroform	7.502	83	73074	20.973	ug/l	97
31) Cyclohexane	7.789	56	56509	20.621	ug/l	83
32) 1,1,1-Trichloroethane	7.697	97	71653	20.773	ug/l	98
36) 1,1-Dichloropropene	7.917	75	53710	20.737	ug/l	97
37) Ethyl Acetate	7.069	43	23143	20.269	ug/l #	93
38) Carbon Tetrachloride	7.904	117	67977	20.322	ug/l	94
39) Methylcyclohexane	9.185	83	66885	21.132	ug/l	97
40) Benzene	8.161	78	153171	20.490	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
 Data File : VY012204.D
 Acq On : 16 Jan 2023 17:08
 Operator : KP/MD
 Sample : VY0116SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0116SBS01

Quant Time: Jan 17 04:48:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	32376	48.240	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	49092	20.628	ug/l	99
43) Isopropyl Acetate	8.270	43	43938	20.684	ug/l #	94
44) Trichloroethene	8.941	130	45793	20.495	ug/l	96
45) 1,2-Dichloropropane	9.215	63	33001	21.157	ug/l	94
46) Dibromomethane	9.307	93	21732	20.811	ug/l	97
47) Bromodichloromethane	9.496	83	54033	20.556	ug/l	97
48) Methyl methacrylate	9.294	41	20458	20.902	ug/l	92
49) 1,4-Dioxane	9.294	88	5725	402.344	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	116817	103.129	ug/l	96
52) Toluene	10.246	92	102053	20.504	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	56162	20.426	ug/l	98
54) cis-1,3-Dichloropropene	9.928	75	61053	20.619	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	30309	20.429	ug/l	95
56) Ethyl methacrylate	10.508	69	39385	20.235	ug/l	95
57) 1,3-Dichloropropane	10.788	76	50521	20.851	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	67530	104.853	ug/l #	88
59) 2-Hexanone	10.831	43	87439	101.390	ug/l	94
60) Dibromochloromethane	10.983	129	39847	20.250	ug/l	100
61) 1,2-Dibromoethane	11.093	107	29565	20.651	ug/l	100
64) Tetrachloroethene	10.721	164	50414	20.727	ug/l	97
65) Chlorobenzene	11.520	112	109421	20.063	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	42209	20.504	ug/l	97
67) Ethyl Benzene	11.593	91	196814	20.192	ug/l	99
68) m/p-Xylenes	11.703	106	157476	40.862	ug/l	99
69) o-Xylene	12.032	106	74860	20.337	ug/l	97
70) Styrene	12.044	104	124475	20.239	ug/l	99
71) Bromoform	12.209	173	26754	20.342	ug/l #	98
73) Isopropylbenzene	12.330	105	202997	20.765	ug/l	100
74) N-amyl acetate	12.142	43	38502	20.091	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.580	83	31771	20.633	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	47457	38.068	ug/l #	100
77) Bromobenzene	12.611	156	47415	20.156	ug/l	92
78) n-propylbenzene	12.672	91	236383	20.663	ug/l	98
79) 2-Chlorotoluene	12.757	91	132570	20.496	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	176693	20.791	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	12353	20.417	ug/l	96
82) 4-Chlorotoluene	12.855	91	139159	20.482	ug/l	98
83) tert-Butylbenzene	13.074	119	153723	20.754	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	172386	20.569	ug/l	100
85) sec-Butylbenzene	13.257	105	218330	20.703	ug/l	98
86) p-Isopropyltoluene	13.373	119	190996	20.729	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	95059	20.318	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	93552	20.050	ug/l	99
89) n-Butylbenzene	13.696	91	164618	20.616	ug/l	98
90) Hexachloroethane	13.964	117	34127	20.517	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	84747	20.300	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6419	20.171	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	53033	19.826	ug/l	98
94) Hexachlorobutadiene	15.117	225	33609	20.869	ug/l	100
95) Naphthalene	15.239	128	101552	19.234	ug/l	100
96) 1,2,3-Trichlorobenzene	15.427	180	45719	19.862	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
Data File : VY012204.D
Acq On : 16 Jan 2023 17:08
Operator : KP/MD
Sample : VY0116SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

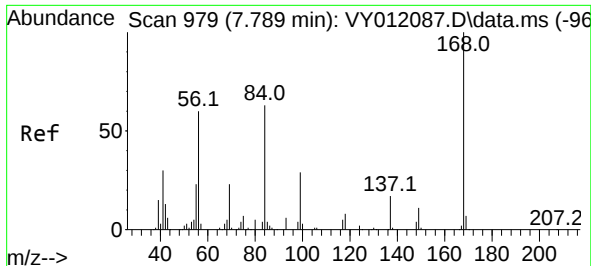
Quant Time: Jan 17 04:48:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

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

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

Quant Time: Jan 17 04:48:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

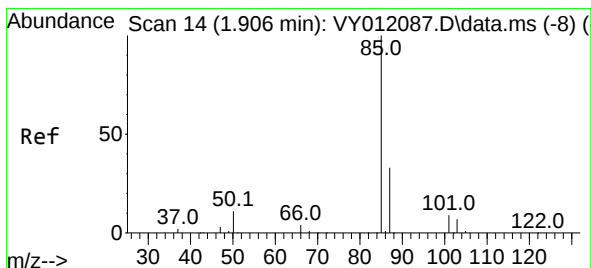
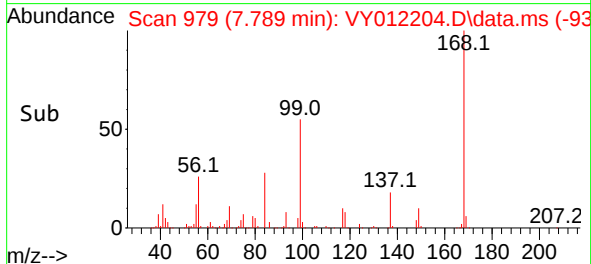
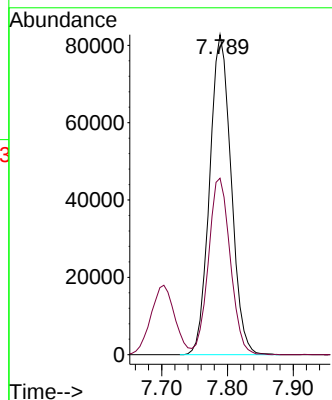
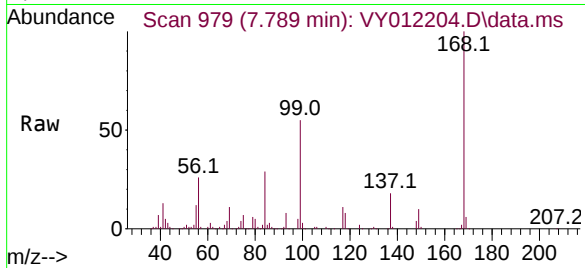




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

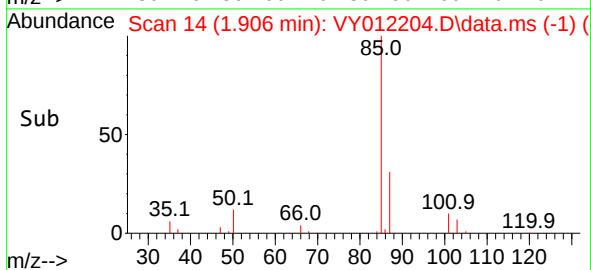
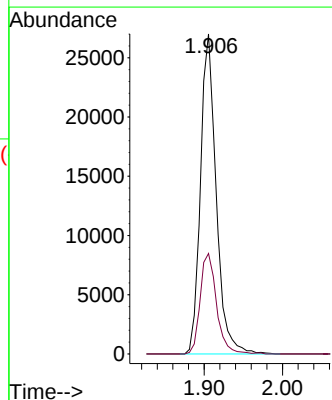
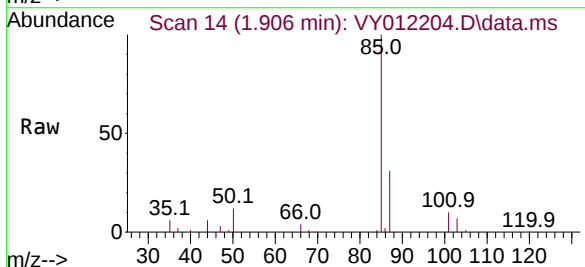
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

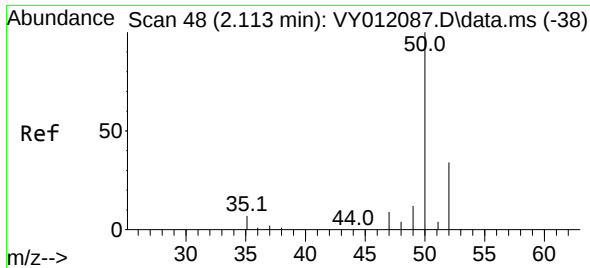
Tgt Ion:168 Resp: 187954
Ion Ratio Lower Upper
168 100
99 55.1 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 22.928 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion: 85 Resp: 37660
Ion Ratio Lower Upper
85 100
87 31.4 16.8 50.4

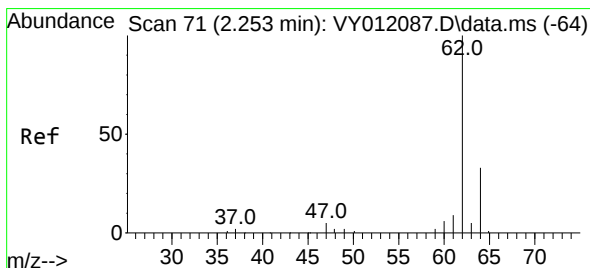
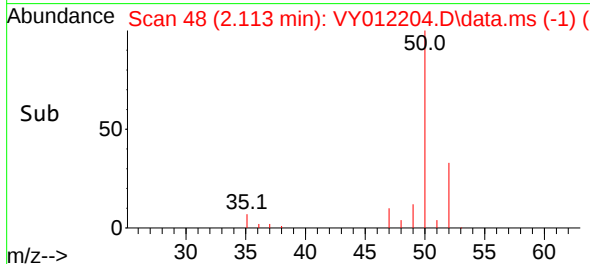
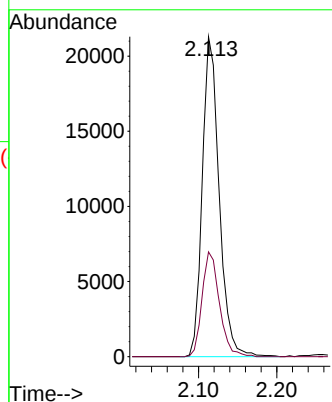
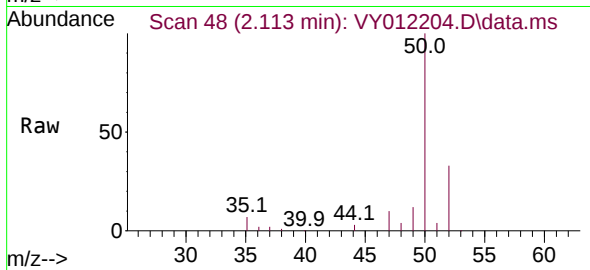




#3
Chloromethane
Concen: 20.960 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

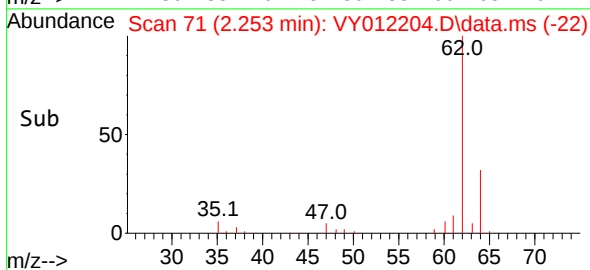
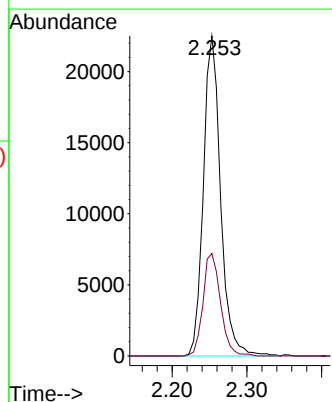
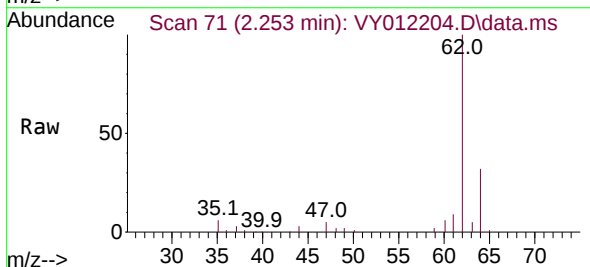
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

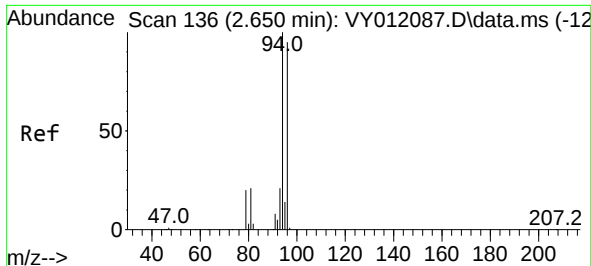
Tgt Ion: 50 Resp: 31782
Ion Ratio Lower Upper
50 100
52 32.7 26.8 40.2



#4
Vinyl Chloride
Concen: 20.341 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion: 62 Resp: 36001
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.6

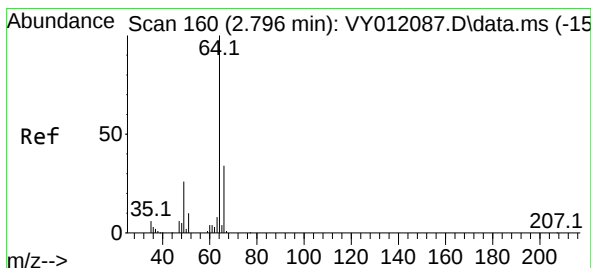
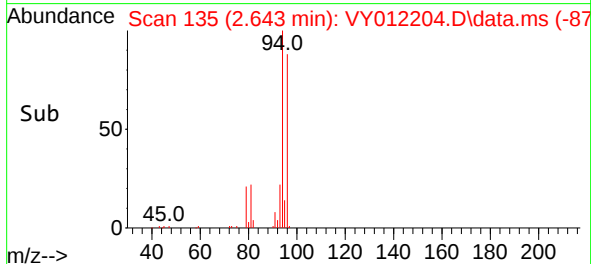
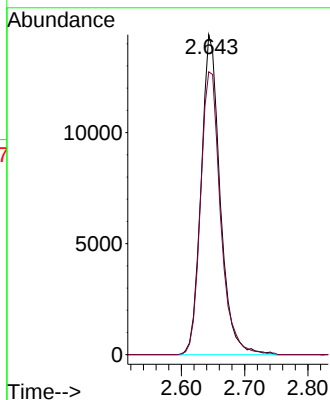
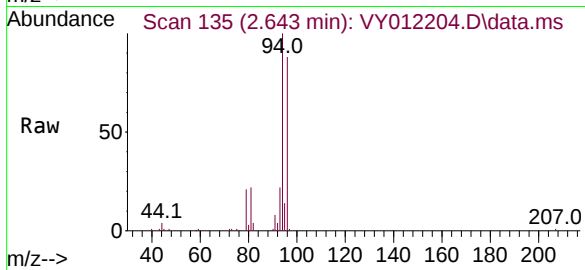




#5
Bromomethane
Concen: 22.037 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

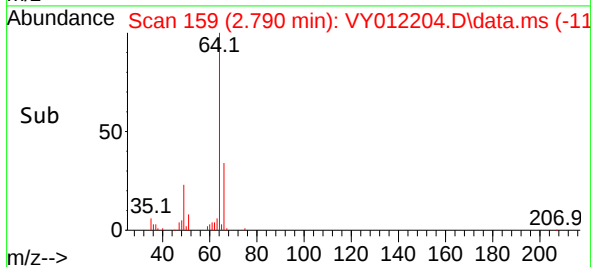
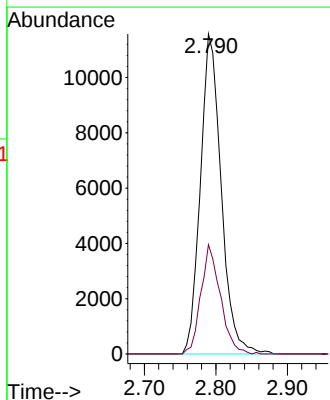
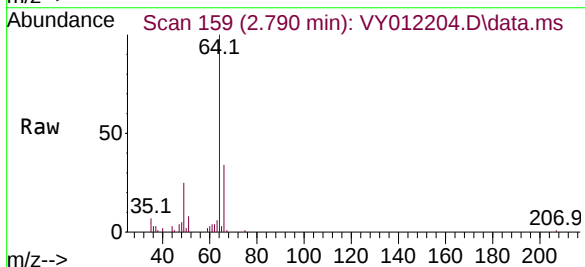
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

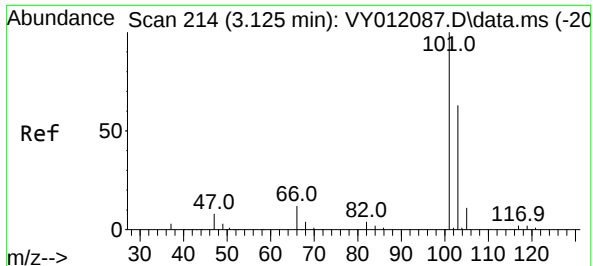
Tgt Ion: 94 Resp: 30155
Ion Ratio Lower Upper
94 100
96 88.4 77.4 116.2



#6
Chloroethane
Concen: 20.278 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion: 64 Resp: 23406
Ion Ratio Lower Upper
64 100
66 34.2 25.0 37.4

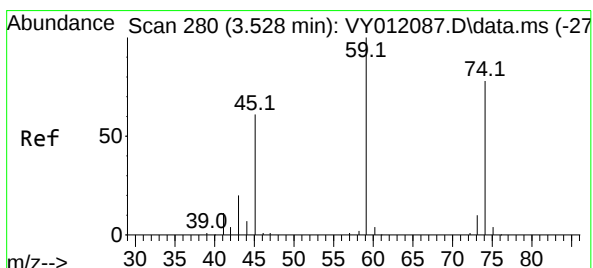
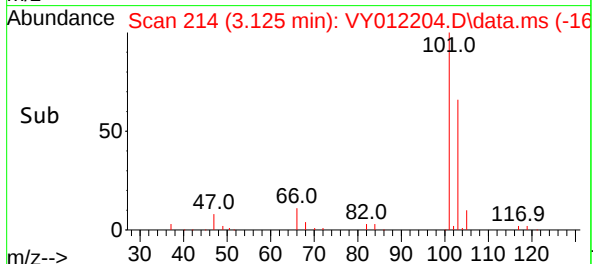
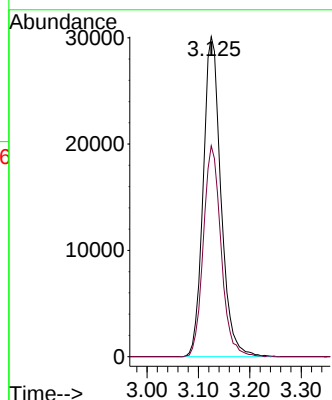
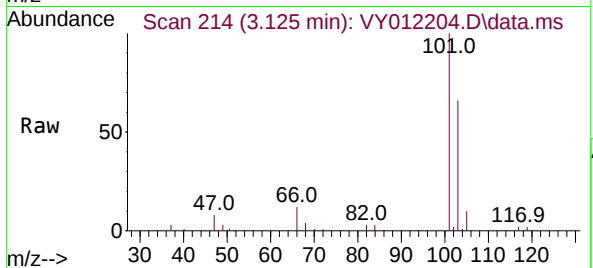




#7
Trichlorofluoromethane
Concen: 20.913 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

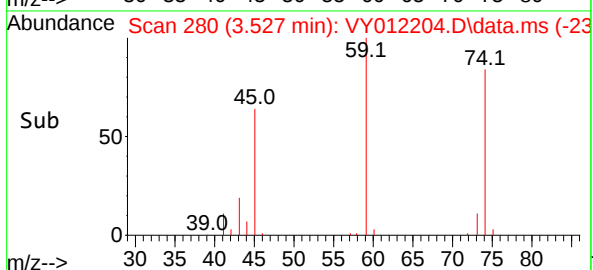
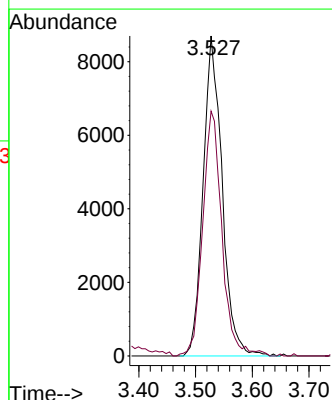
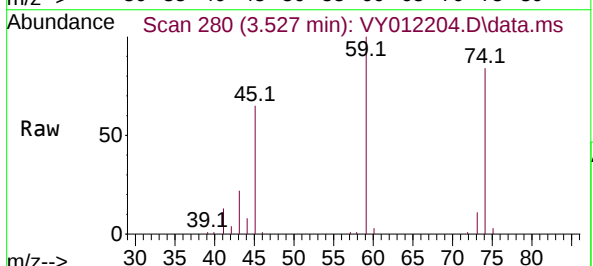
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

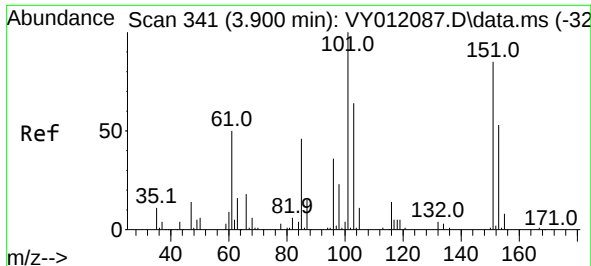
Tgt Ion:101 Resp: 72237
Ion Ratio Lower Upper
101 100
103 65.9 51.0 76.6



#8
Diethyl Ether
Concen: 19.702 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion: 74 Resp: 20251
Ion Ratio Lower Upper
74 100
45 77.4 46.8 140.3

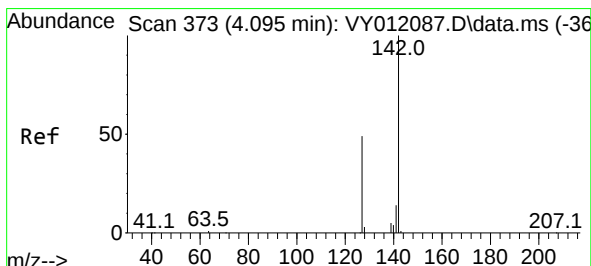
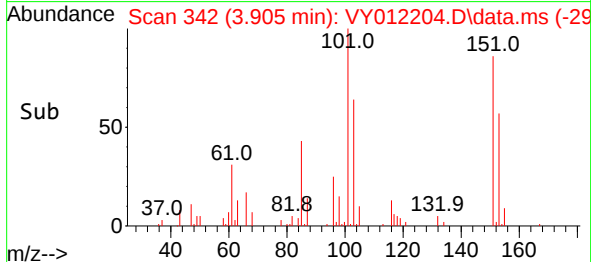
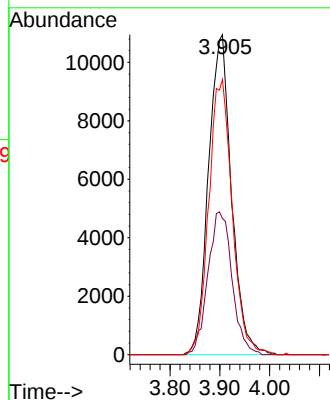
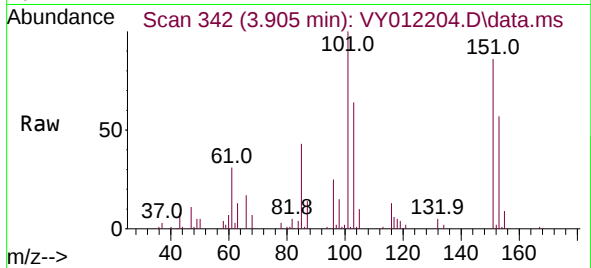




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.819 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.005 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

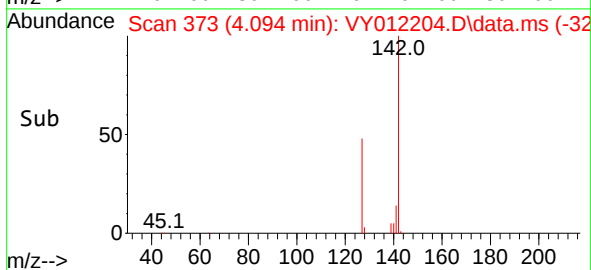
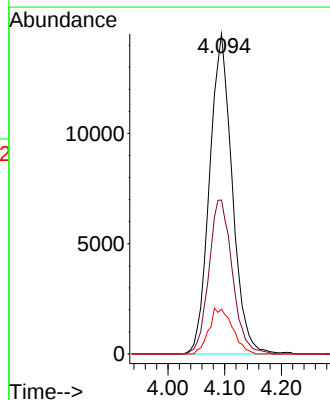
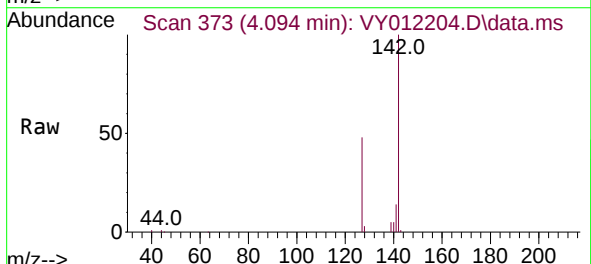
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

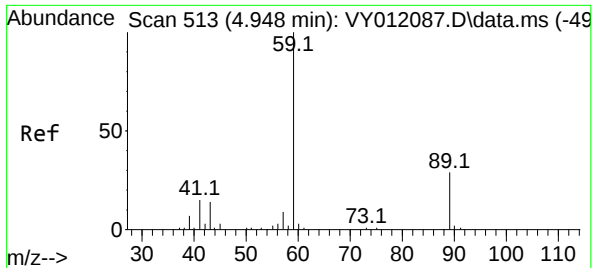
Tgt Ion:101 Resp: 35000
Ion Ratio Lower Upper
101 100
85 46.9 36.2 54.2
151 87.7 64.2 96.2



#10
Methyl Iodide
Concen: 15.742 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion:142 Resp: 40220
Ion Ratio Lower Upper
142 100
127 50.0 37.0 55.4
141 14.9 11.4 17.0

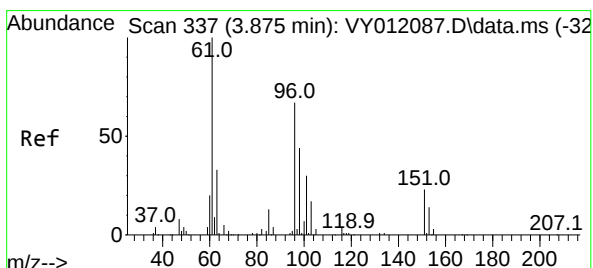
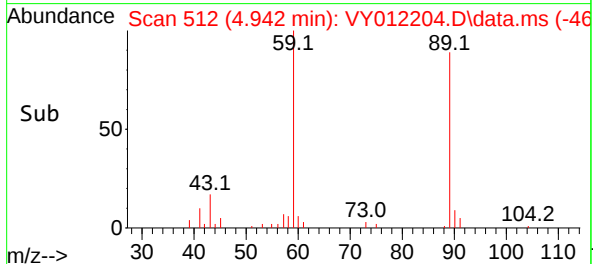
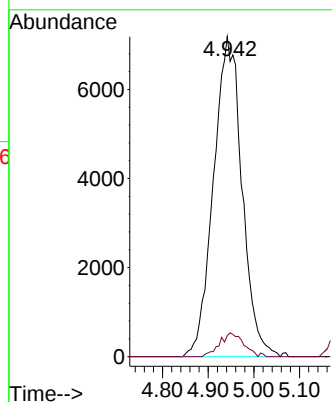
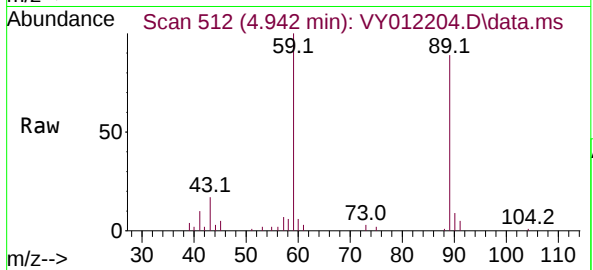




#11
Tert butyl alcohol
Concen: 164.129 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

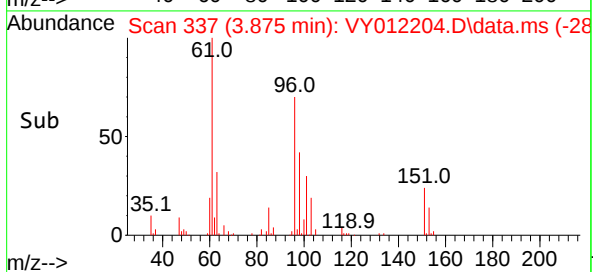
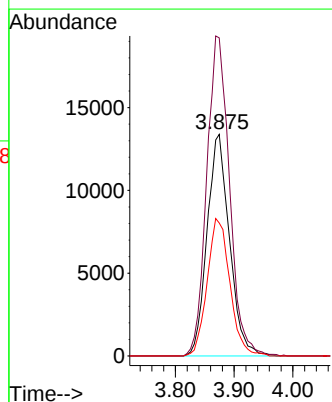
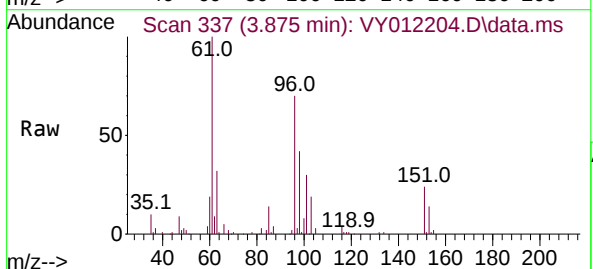
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

Tgt Ion: 59 Resp: 31126
Ion Ratio Lower Upper
59 100
57 6.1 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 20.566 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion: 96 Resp: 35502
Ion Ratio Lower Upper
96 100
61 143.5 122.0 183.0
98 60.0 48.6 73.0





#13

Acrolein

Concen: 138.621 ug/l

RT: 3.728 min Scan# 313

Delta R.T. -0.001 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

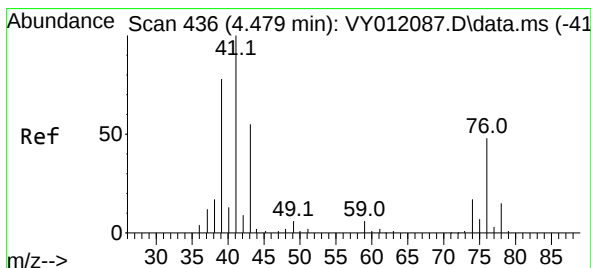
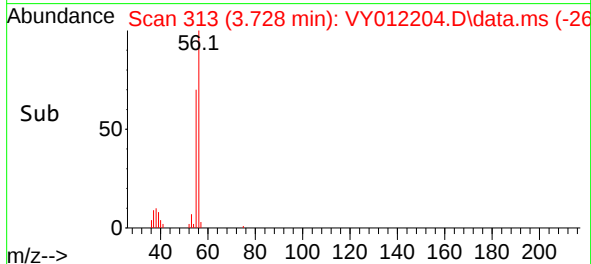
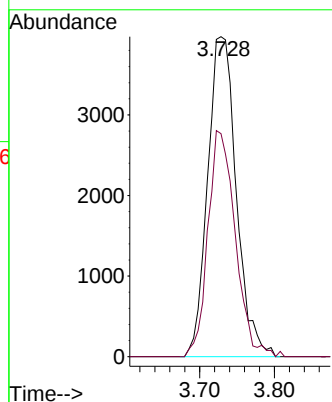
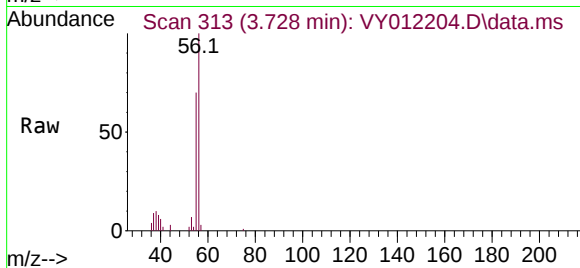
VY0116SBS01

Tgt Ion: 56 Resp: 10602

Ion Ratio Lower Upper

56 100

55 67.4 56.6 85.0



#14

Allyl chloride

Concen: 20.623 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.001 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

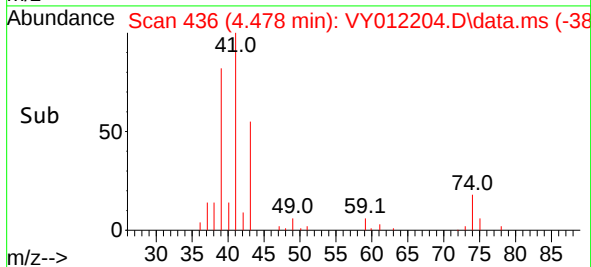
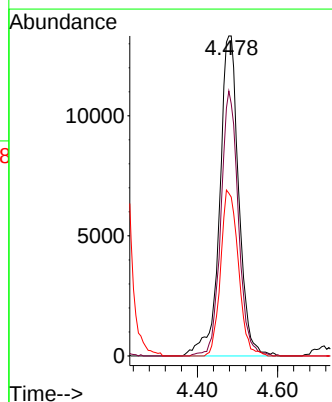
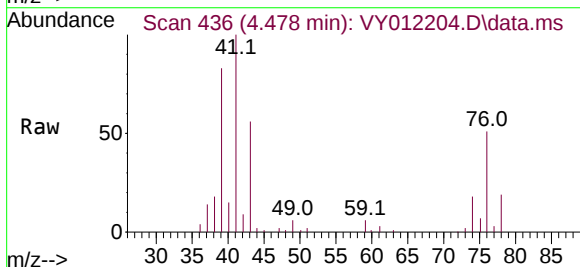
Tgt Ion: 41 Resp: 44019

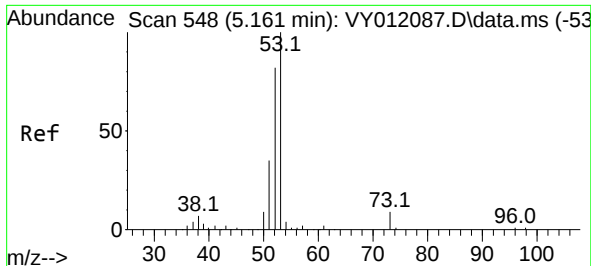
Ion Ratio Lower Upper

41 100

39 75.8 53.5 80.3

76 48.2 31.1 46.7#





#15

Acrylonitrile

Concen: 102.595 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0116SBS01

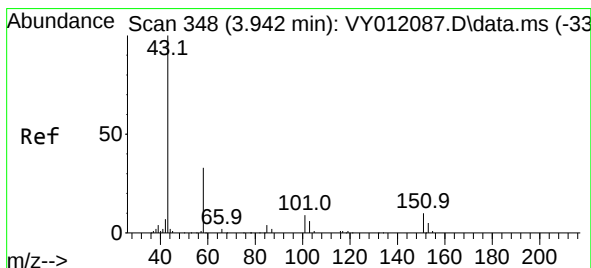
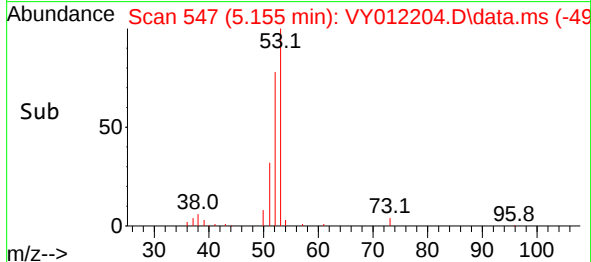
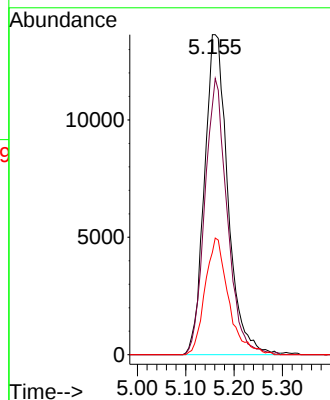
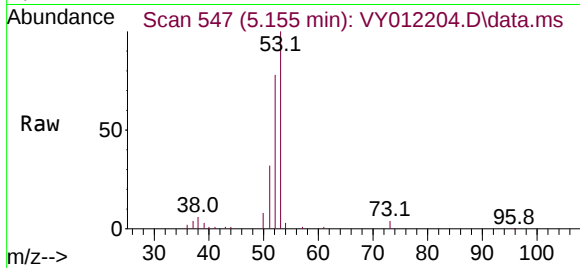
Tgt Ion: 53 Resp: 46062

Ion Ratio Lower Upper

53 100

52 82.2 65.1 97.7

51 36.5 28.7 43.1



#16

Acetone

Concen: 92.648 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY012204.D

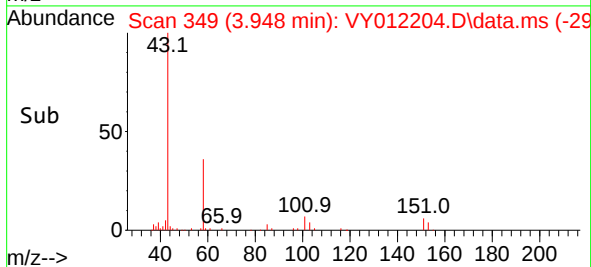
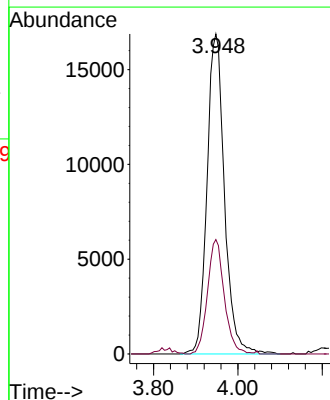
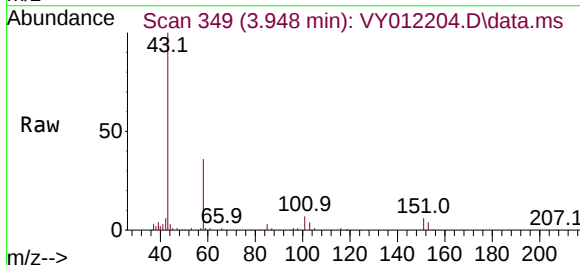
Acq: 16 Jan 2023 17:08

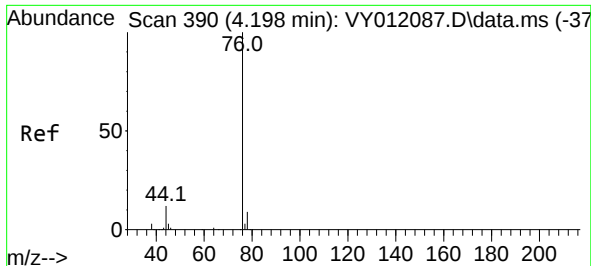
Tgt Ion: 43 Resp: 48489

Ion Ratio Lower Upper

43 100

58 35.8 27.9 41.9

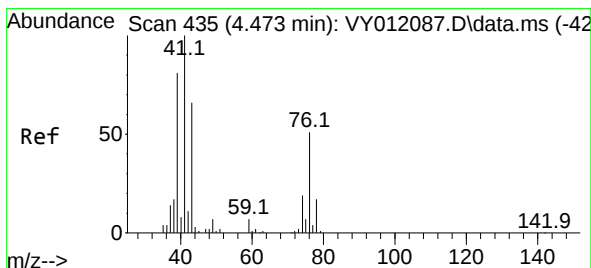
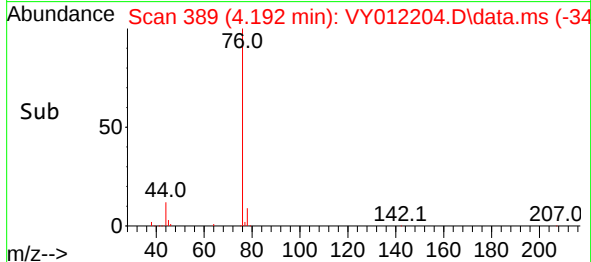
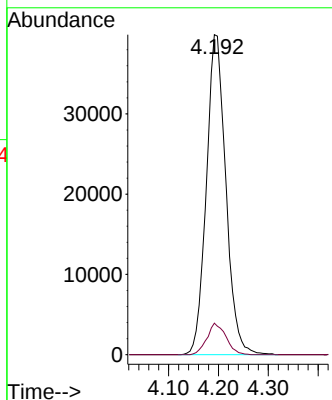
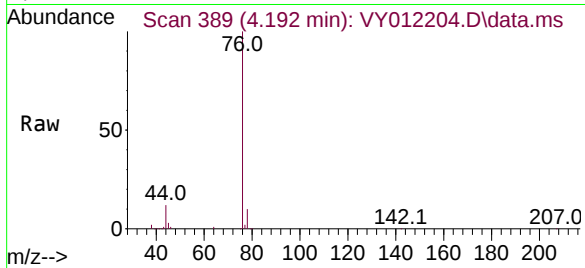




#17
Carbon Disulfide
Concen: 20.286 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

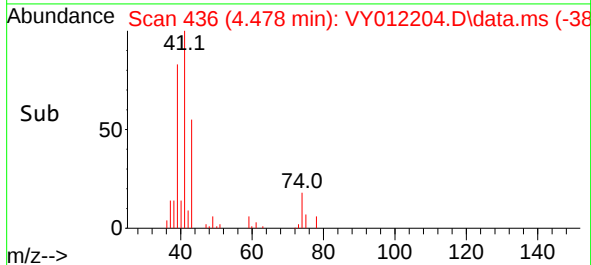
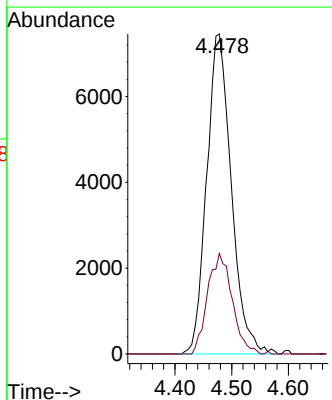
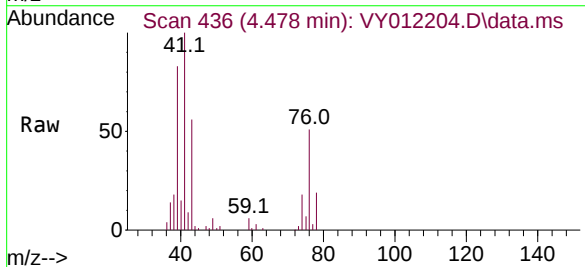
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

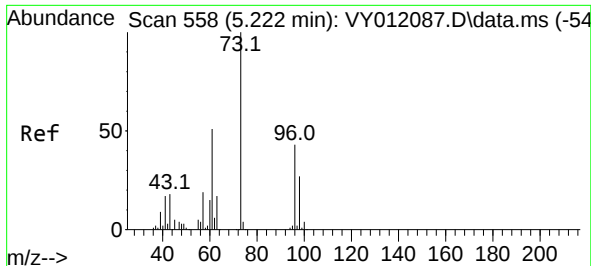
Tgt Ion: 76 Resp: 108319
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



#18
Methyl Acetate
Concen: 19.225 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion: 43 Resp: 22515
Ion Ratio Lower Upper
43 100
74 31.2 20.1 30.1#





#19

Methyl tert-butyl Ether

Concen: 20.004 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

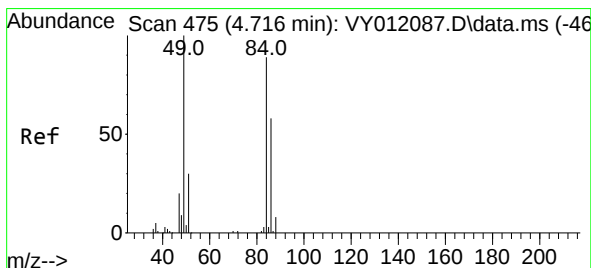
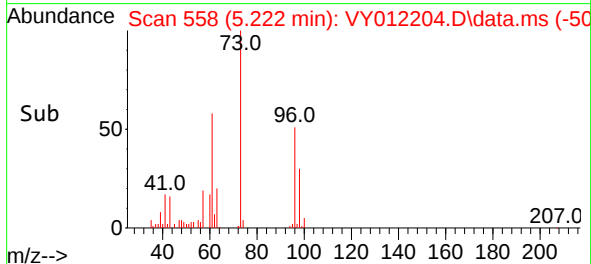
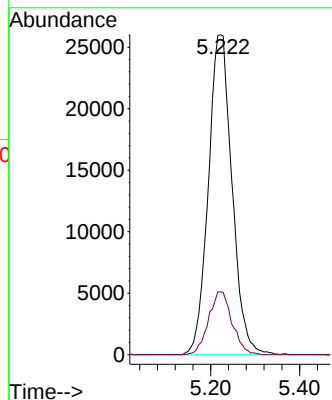
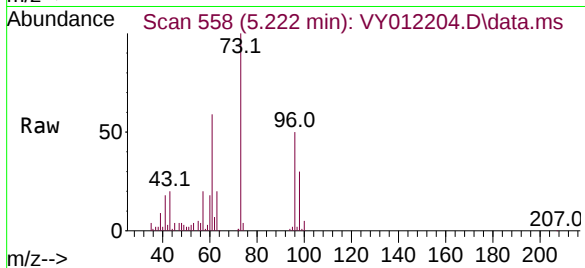
VY0116SBS01

Tgt Ion: 73 Resp: 96263

Ion Ratio Lower Upper

73 100

57 19.6 17.4 26.0



#20

Methylene Chloride

Concen: 15.167 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Tgt Ion: 84 Resp: 45364

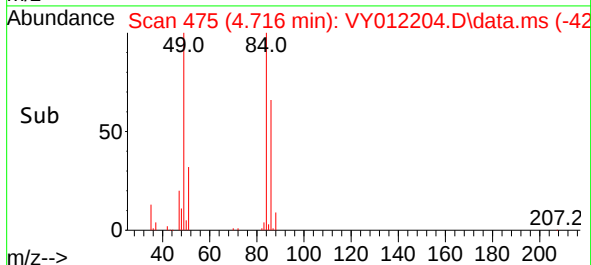
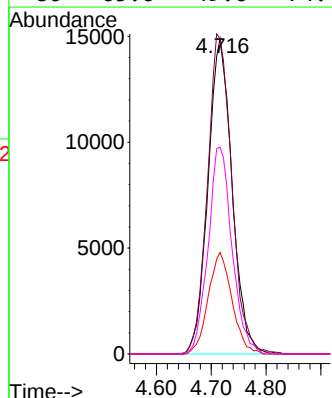
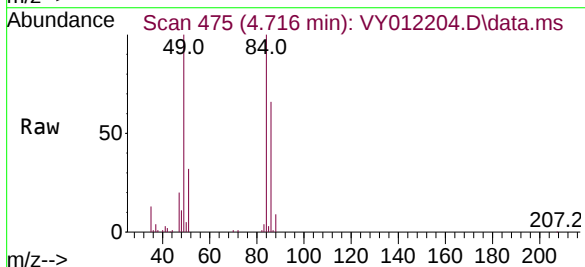
Ion Ratio Lower Upper

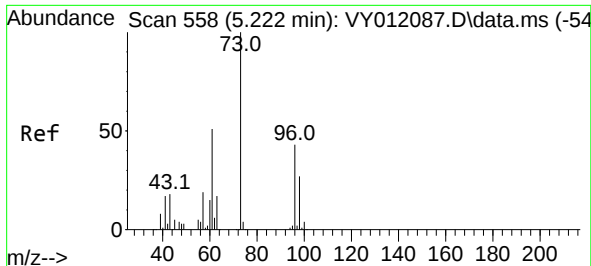
84 100

49 100.0 95.4 143.2

51 32.2 29.9 44.9

86 65.6 49.6 74.4

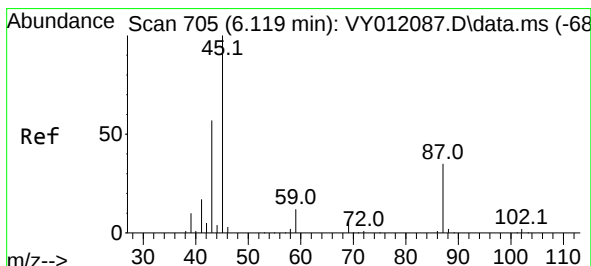
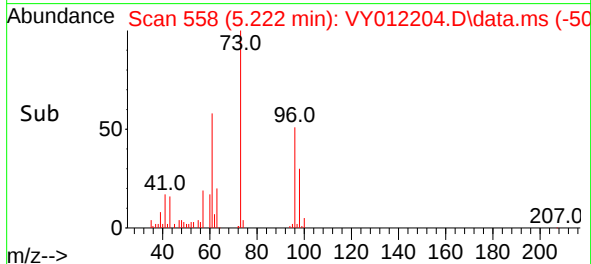
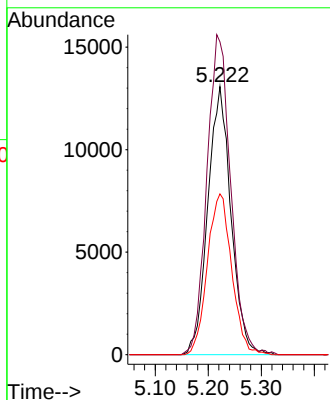
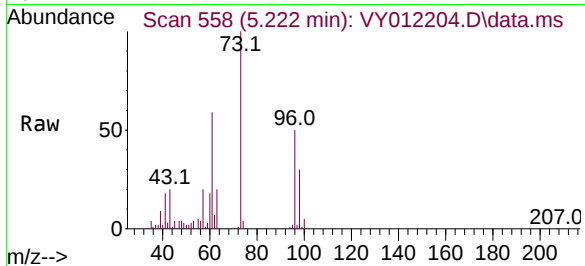




#21
trans-1,2-Dichloroethene
Concen: 20.623 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

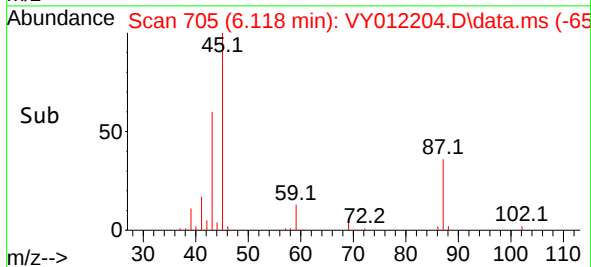
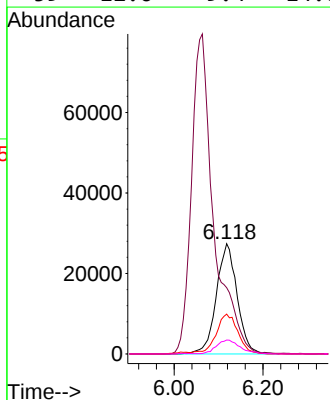
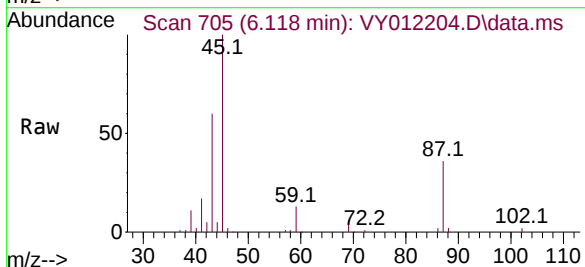
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

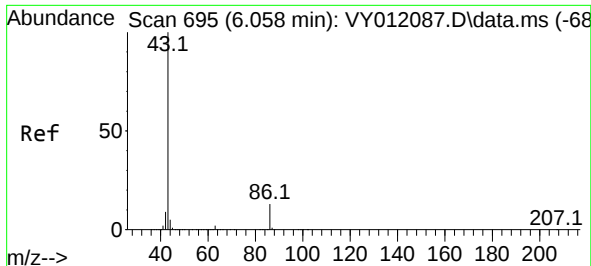
Tgt Ion: 96 Resp: 39727
Ion Ratio Lower Upper
96 100
61 116.6 108.0 162.0
98 60.0 51.6 77.4



#22
Diisopropyl ether
Concen: 20.843 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion: 45 Resp: 88695
Ion Ratio Lower Upper
45 100
43 59.4 45.0 67.4
87 36.2 22.6 33.8#
59 12.6 9.4 14.0

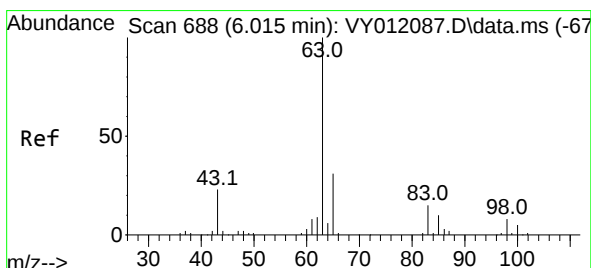
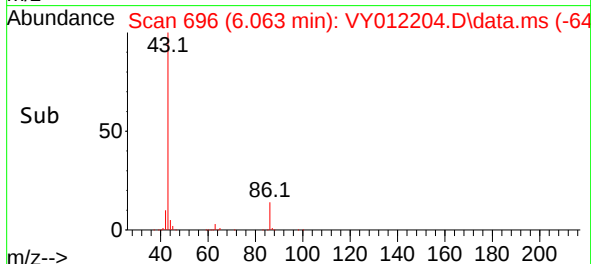
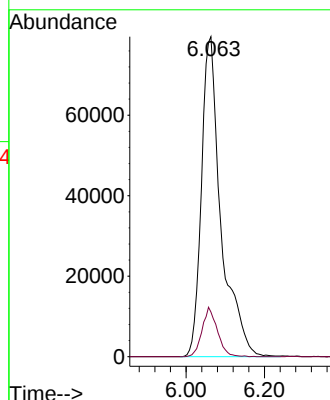
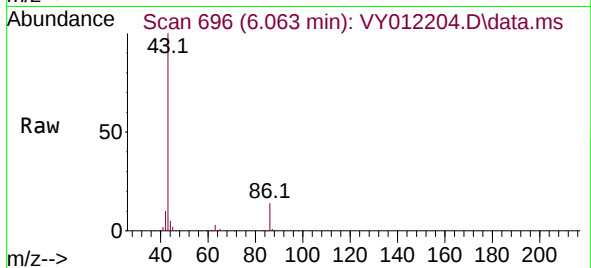




#23
 Vinyl Acetate
 Concen: 104.118 ug/l
 RT: 6.063 min Scan# 695
 Delta R.T. 0.005 min
 Lab File: VY012204.D
 Acq: 16 Jan 2023 17:08

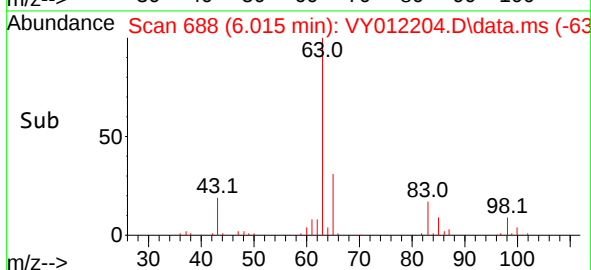
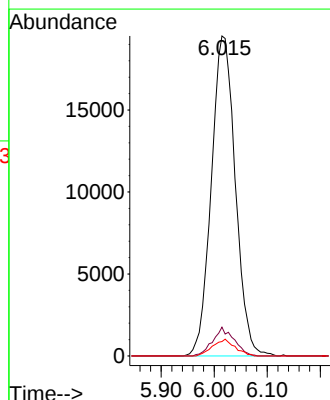
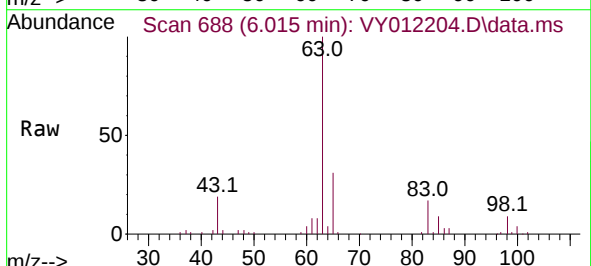
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0116SBS01

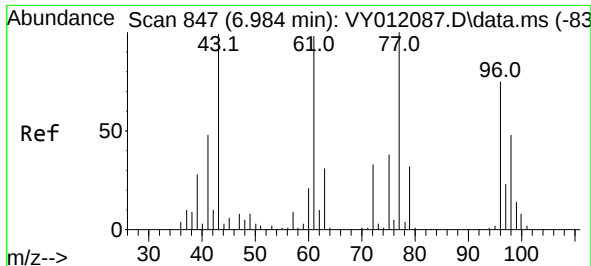
Tgt Ion: 43 Resp: 276082
 Ion Ratio Lower Upper
 43 100
 86 13.9 9.0 13.4#



#24
 1,1-Dichloroethane
 Concen: 20.799 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012204.D
 Acq: 16 Jan 2023 17:08

Tgt Ion: 63 Resp: 61390
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.5 10.5
 100 4.5 2.2 6.6

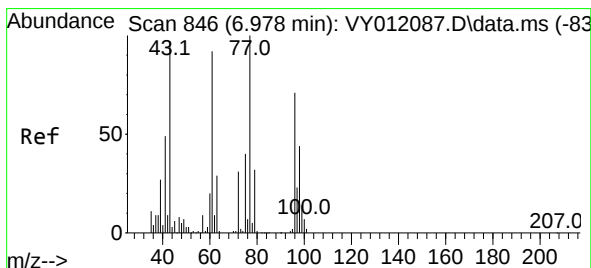
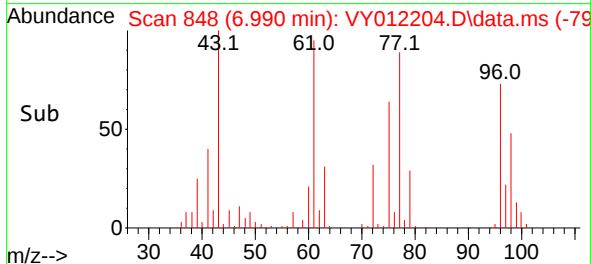
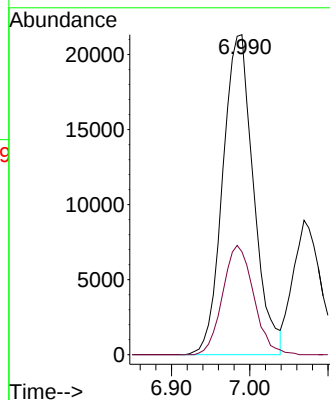
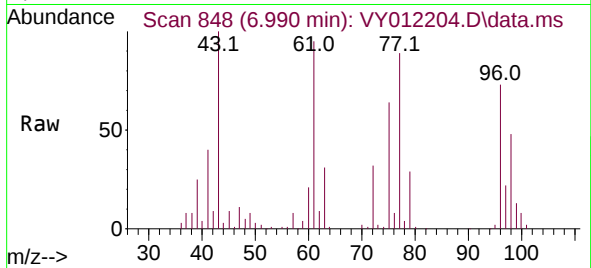




#25
2-Butanone
Concen: 100.848 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

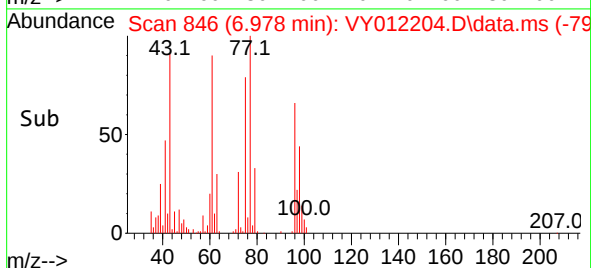
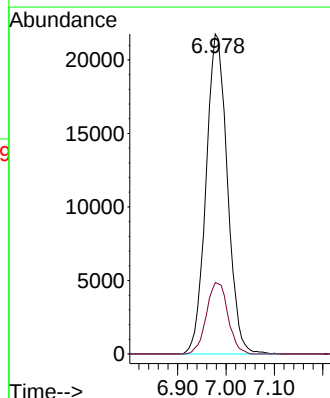
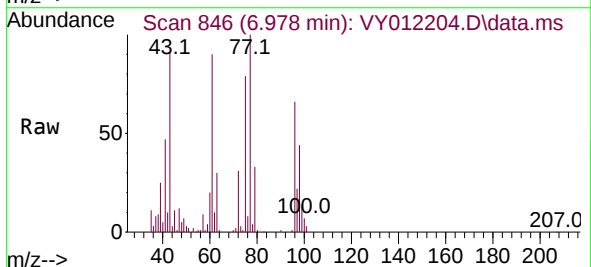
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

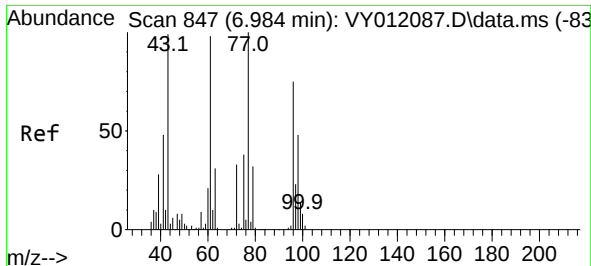
Tgt Ion: 43 Resp: 58269
Ion Ratio Lower Upper
43 100
72 32.2 22.6 34.0



#26
2,2-Dichloropropane
Concen: 20.797 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion: 77 Resp: 66636
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1



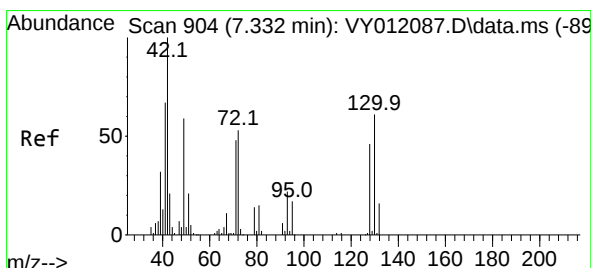
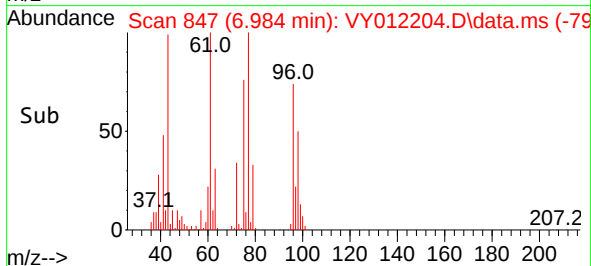
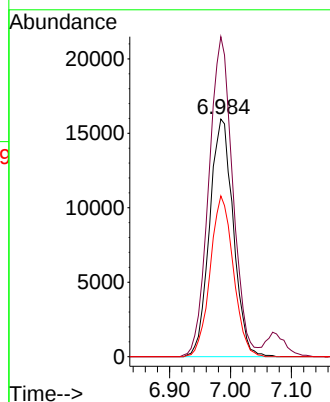
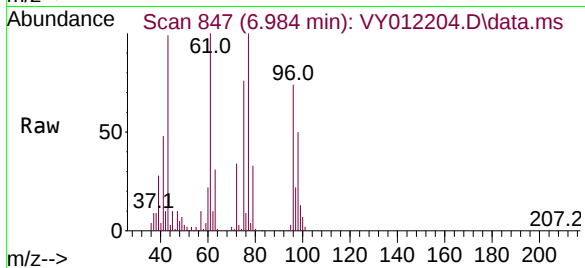


#27
 cis-1,2-Dichloroethene
 Concen: 20.415 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY012204.D
 Acq: 16 Jan 2023 17:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0116SBS01

Tgt Ion: 96 Resp: 43198

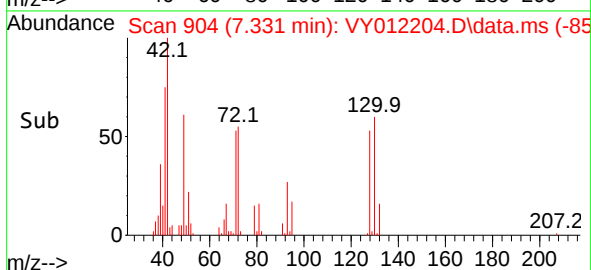
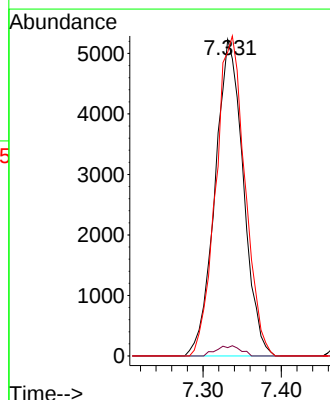
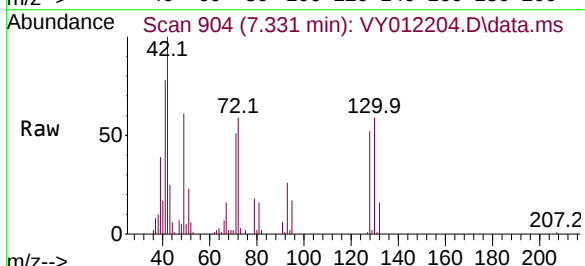
Ion	Ratio	Lower	Upper
96	100		
61	135.9	0.0	283.4
98	65.9	0.0	127.6

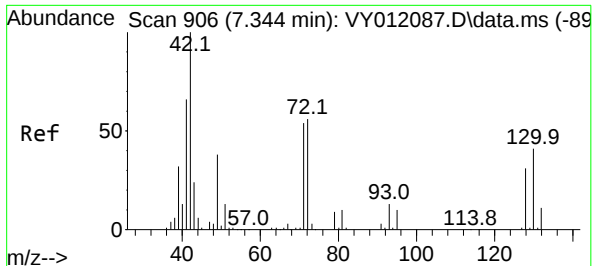


#28
 Bromochloromethane
 Concen: 20.327 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. -0.001 min
 Lab File: VY012204.D
 Acq: 16 Jan 2023 17:08

Tgt Ion: 49 Resp: 13103

Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.6
130	104.1	66.7	100.1#

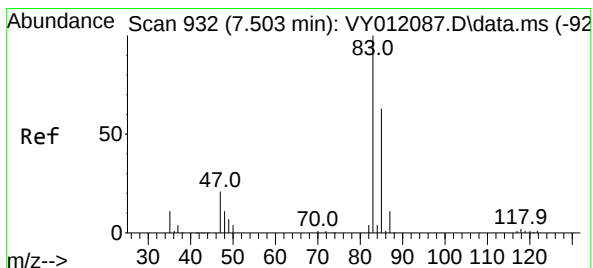
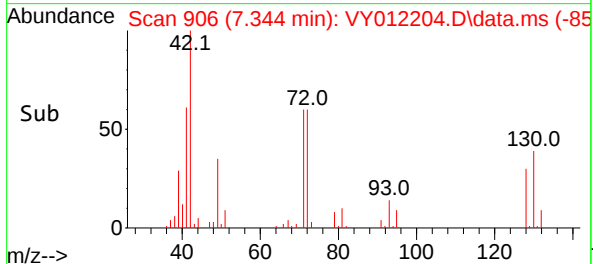
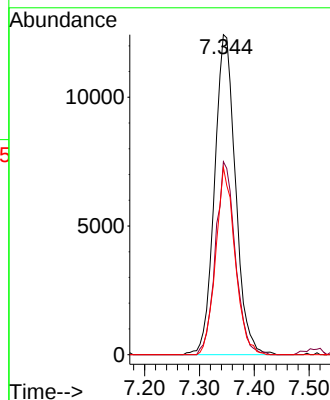
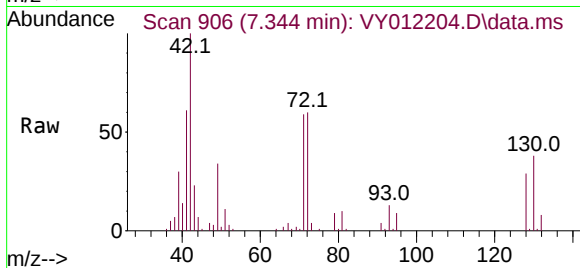




#29
Tetrahydrofuran
Concen: 104.110 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

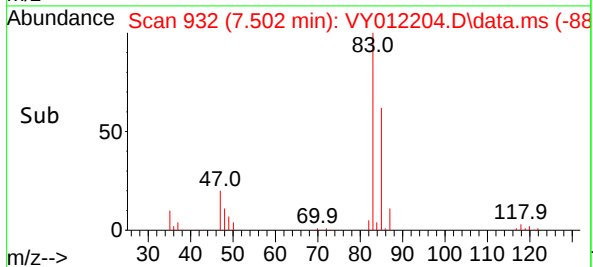
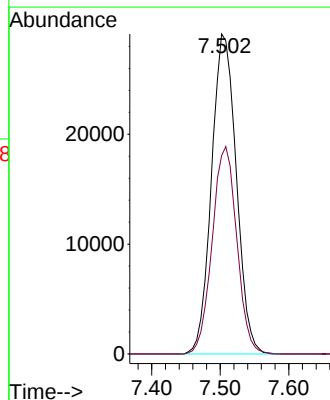
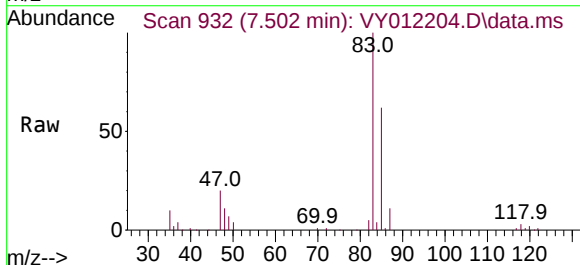
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

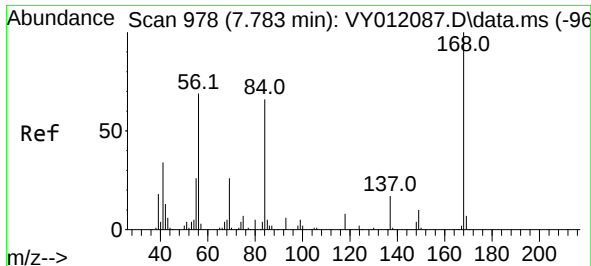
Tgt Ion: 42 Resp: 33042
Ion Ratio Lower Upper
42 100
72 56.9 37.0 55.6#
71 53.7 34.9 52.3#



#30
Chloroform
Concen: 20.973 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.001 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion: 83 Resp: 73074
Ion Ratio Lower Upper
83 100
85 62.0 51.5 77.3

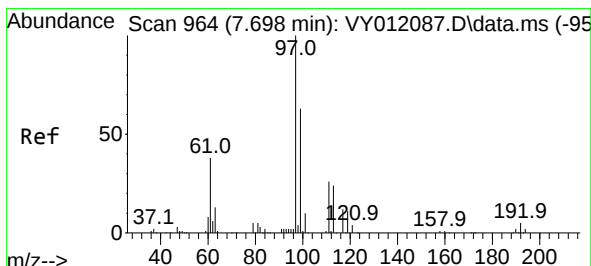
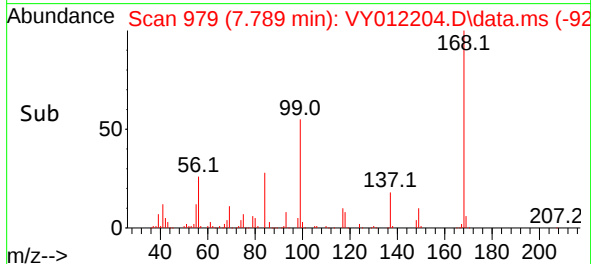
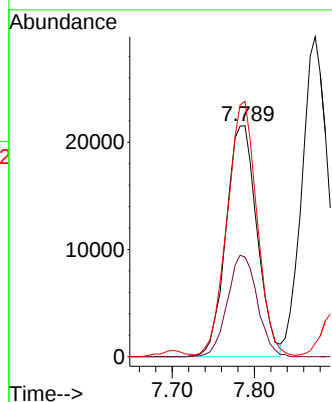
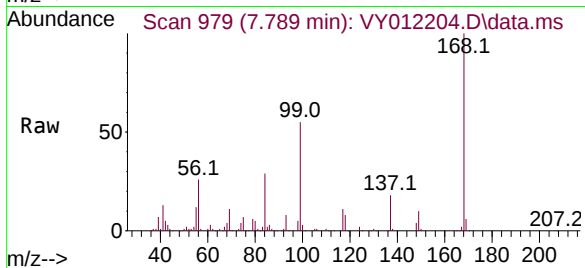




#31
Cyclohexane
Concen: 20.621 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

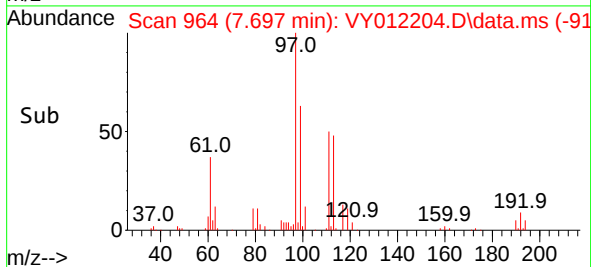
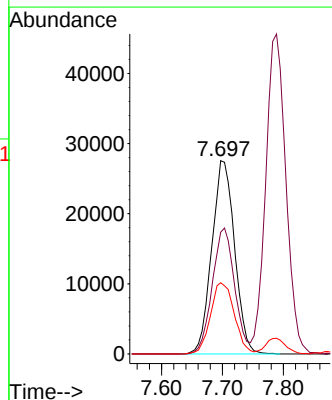
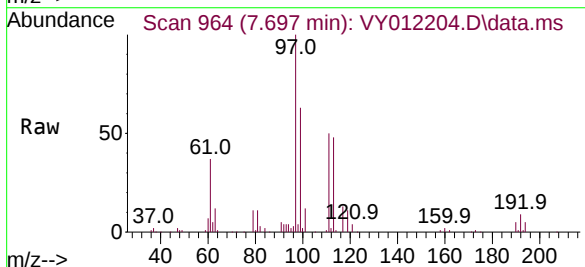
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

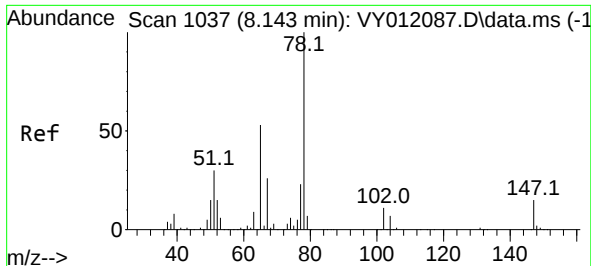
Tgt Ion: 56 Resp: 56509
Ion Ratio Lower Upper
56 100
69 43.1 29.2 43.8
84 108.5 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 20.773 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion: 97 Resp: 71653
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 38.5 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 49.713 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

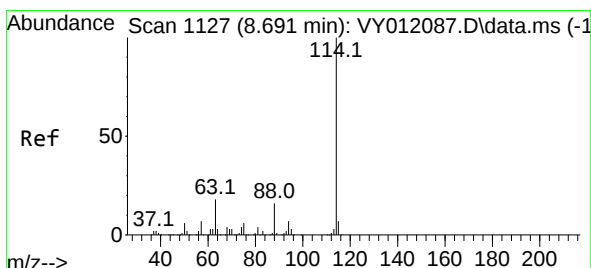
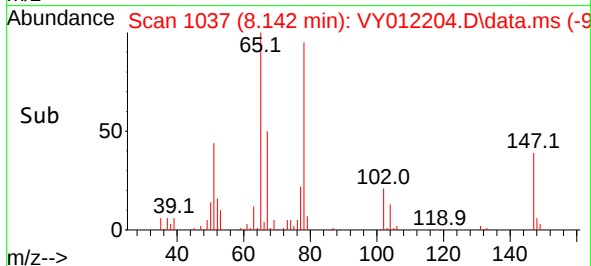
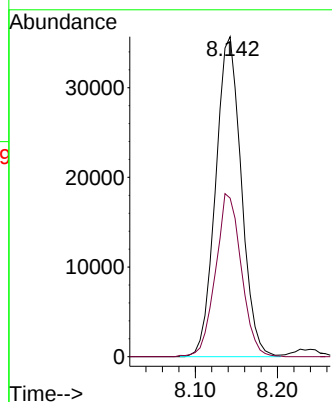
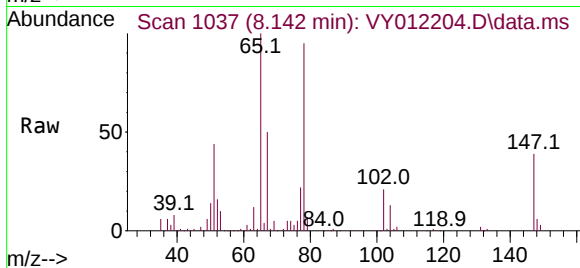
VY0116SBS01

Tgt Ion: 65 Resp: 77485

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

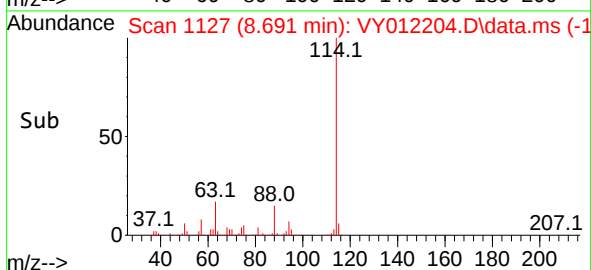
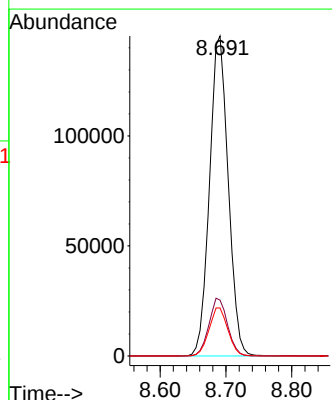
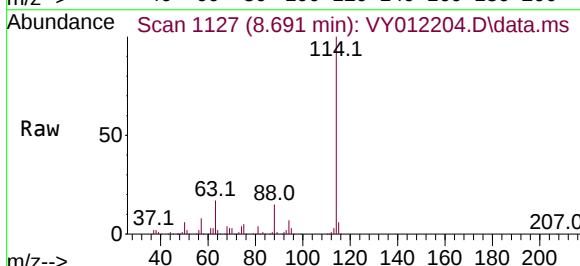
Tgt Ion:114 Resp: 287814

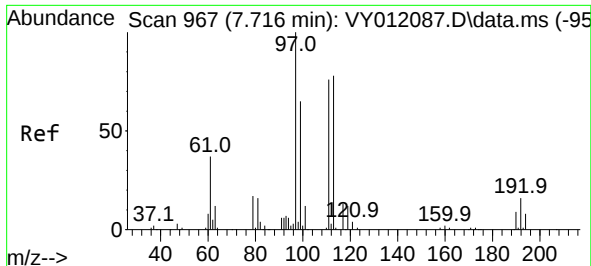
Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 15.0 0.0 32.2

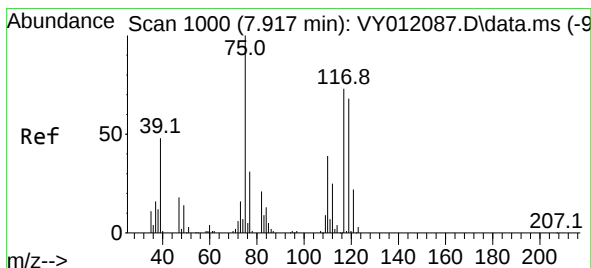
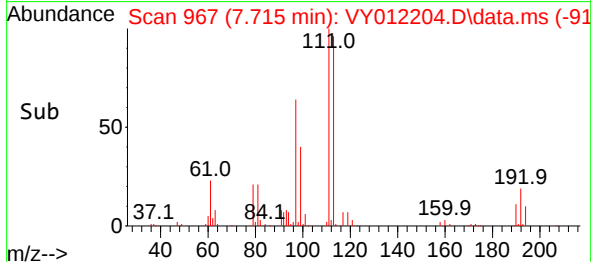
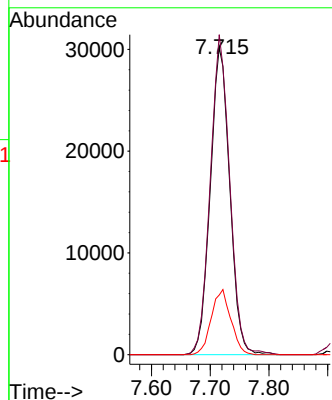
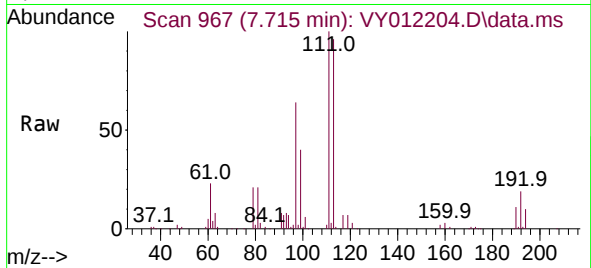




#35
Dibromofluoromethane
Concen: 45.646 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

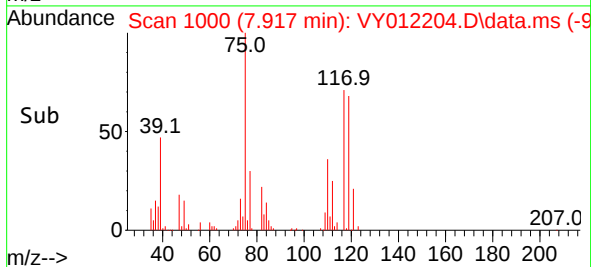
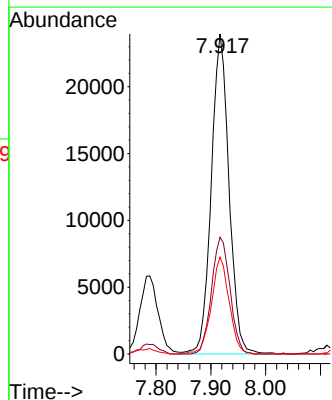
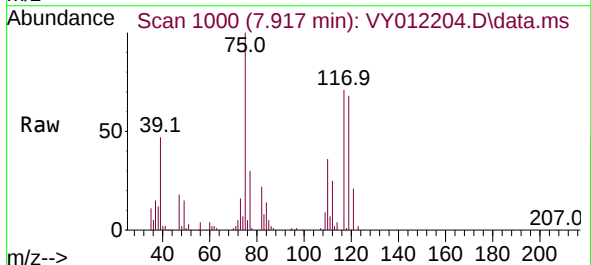
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

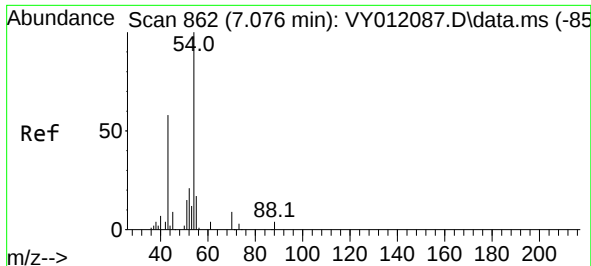
Tgt Ion:113 Resp: 69563
Ion Ratio Lower Upper
113 100
111 104.1 83.0 124.4
192 21.3 16.0 24.0



#36
1,1-Dichloropropene
Concen: 20.737 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion: 75 Resp: 53710
Ion Ratio Lower Upper
75 100
110 37.9 18.1 54.1
77 30.4 25.1 37.7

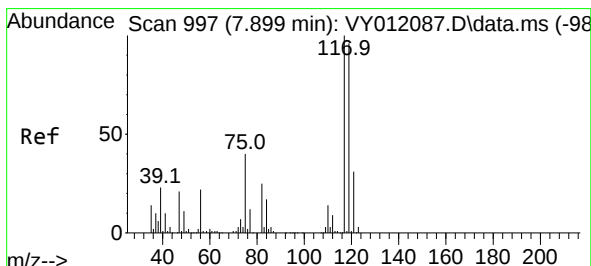
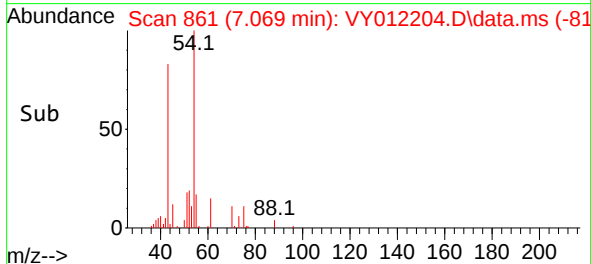
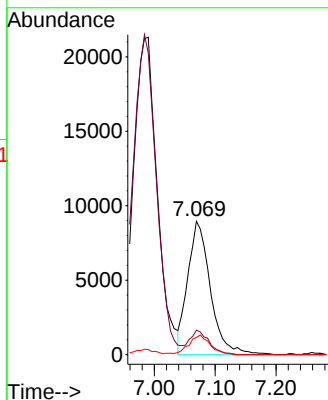
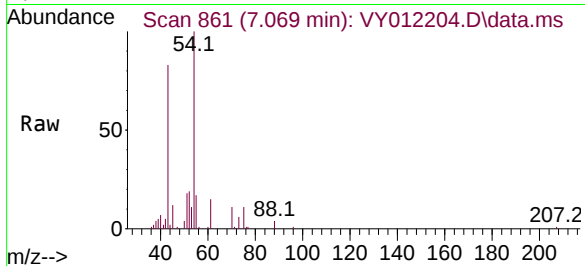




#37
Ethyl Acetate
Concen: 20.269 ug/l
RT: 7.069 min Scan# 80
Delta R.T. -0.007 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

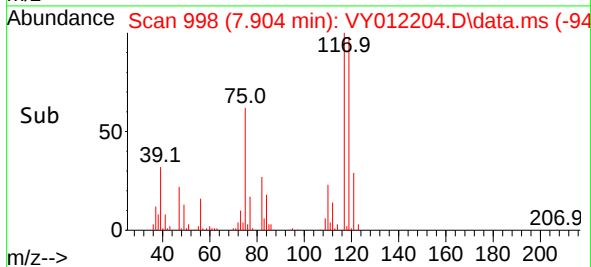
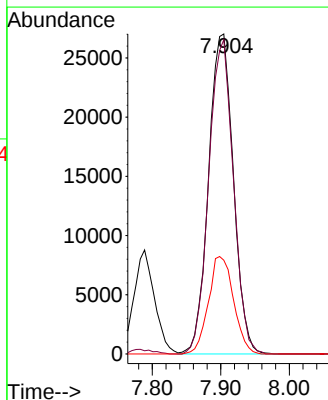
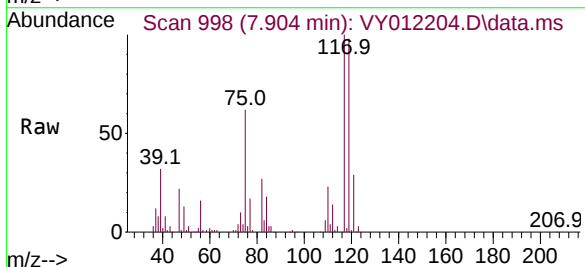
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

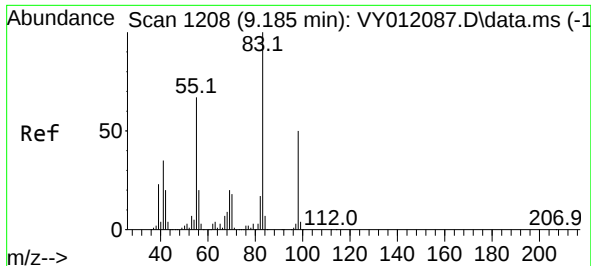
Tgt Ion: 43 Resp: 23143
Ion Ratio Lower Upper
43 100
61 16.0 11.3 16.9
70 13.8 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 20.322 ug/l
RT: 7.904 min Scan# 998
Delta R.T. 0.005 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion: 117 Resp: 67977
Ion Ratio Lower Upper
117 100
119 98.2 73.8 110.8
121 29.3 25.2 37.8





#39

Methylcyclohexane

Concen: 21.132 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0116SBS01

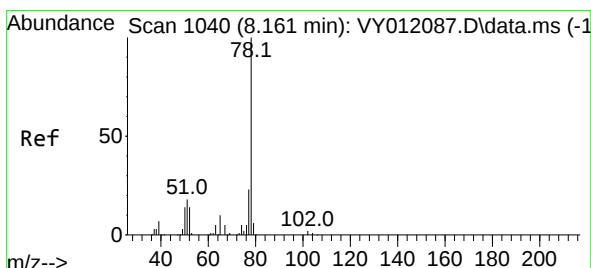
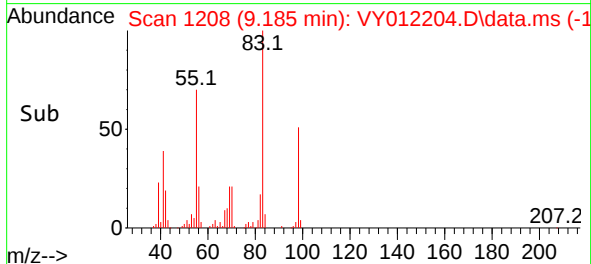
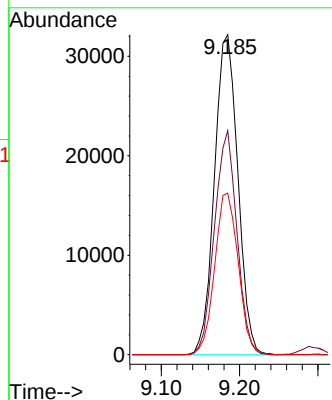
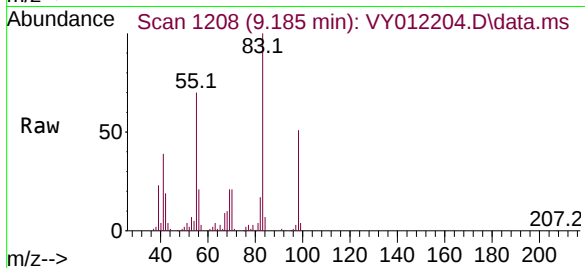
Tgt Ion: 83 Resp: 66885

Ion Ratio Lower Upper

83 100

55 70.0 58.2 87.2

98 50.5 38.6 58.0



#40

Benzene

Concen: 20.490 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012204.D

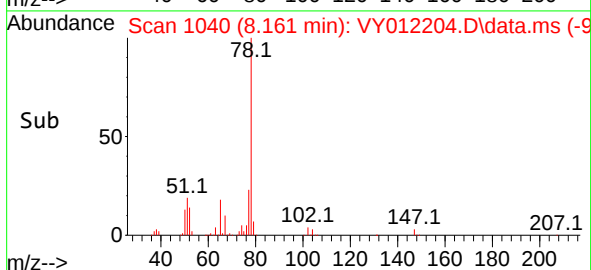
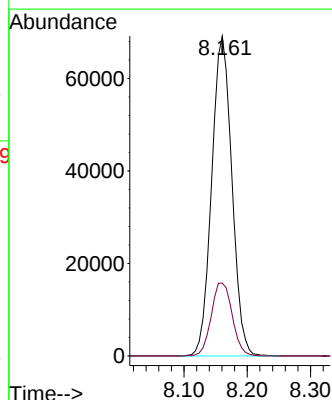
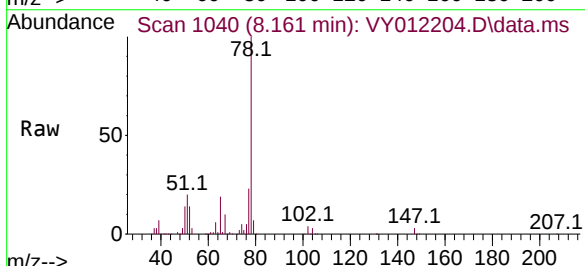
Acq: 16 Jan 2023 17:08

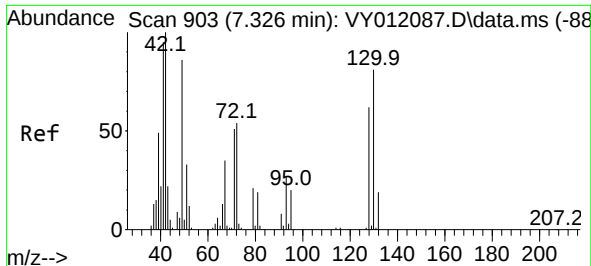
Tgt Ion: 78 Resp: 153171

Ion Ratio Lower Upper

78 100

77 22.8 18.6 27.8

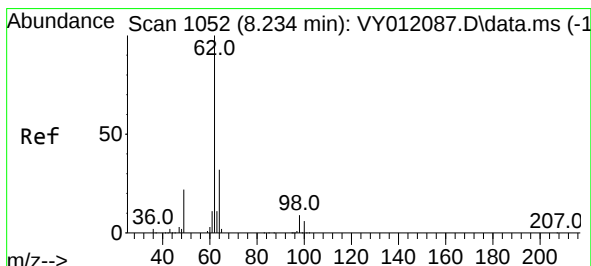
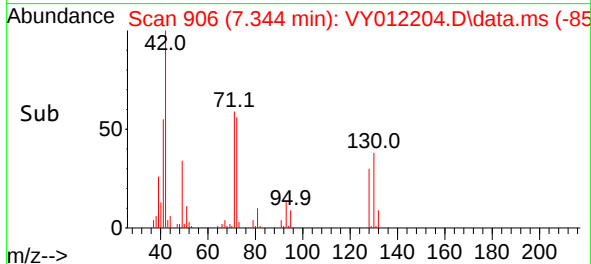
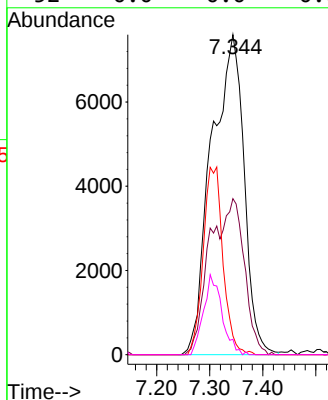
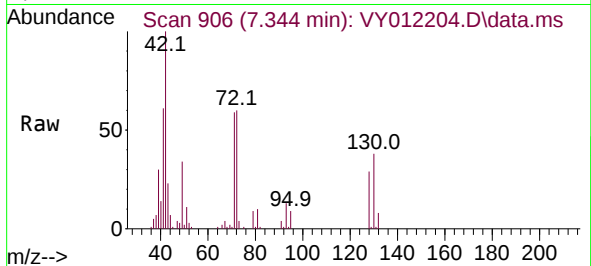




#41
Methacrylonitrile
Concen: 48.240 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

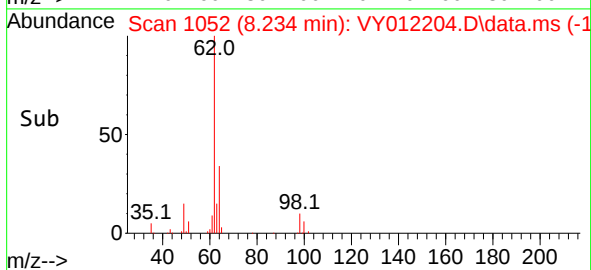
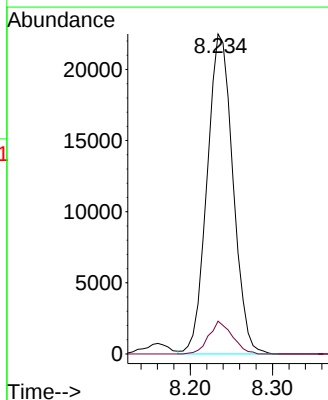
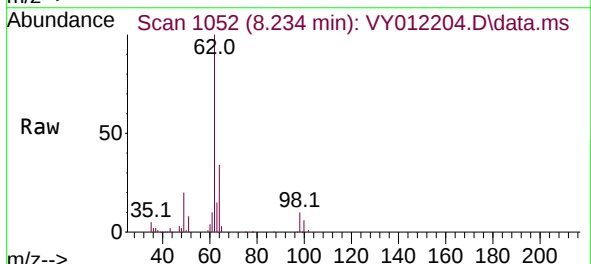
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

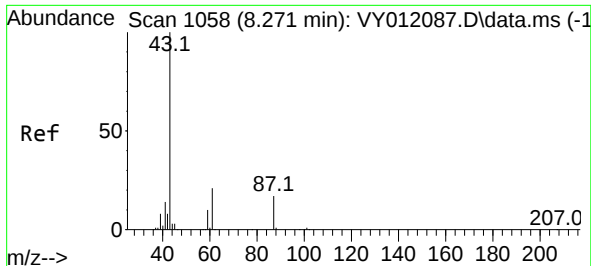
Tgt Ion:	41	Resp:	32376
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.628 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion:	62	Resp:	49092
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.6

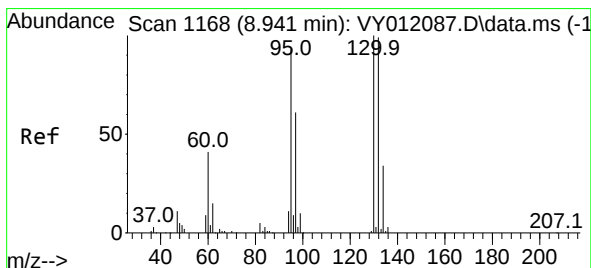
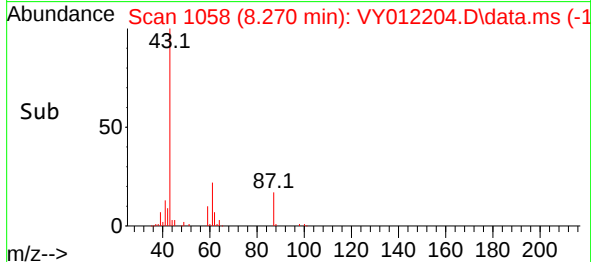
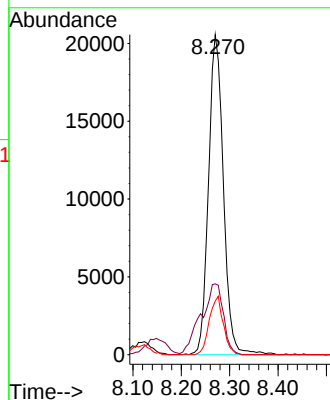
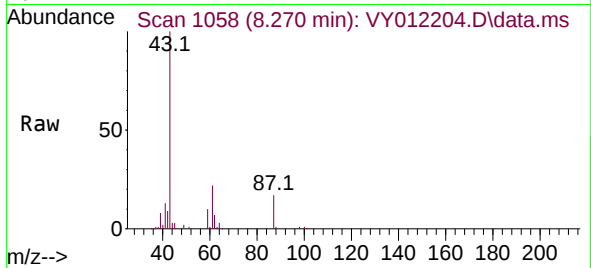




#43
Isopropyl Acetate
Concen: 20.684 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

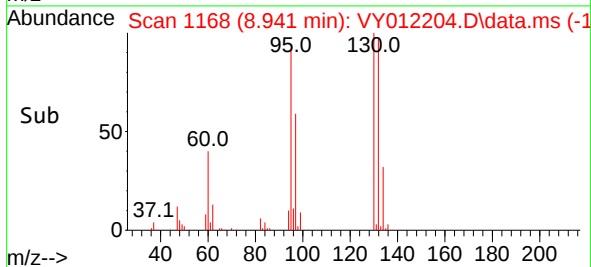
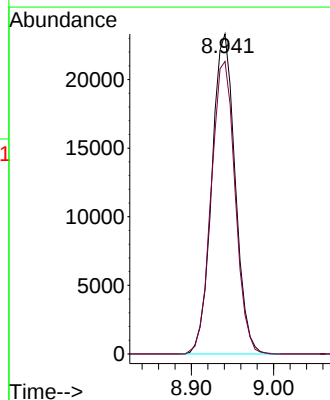
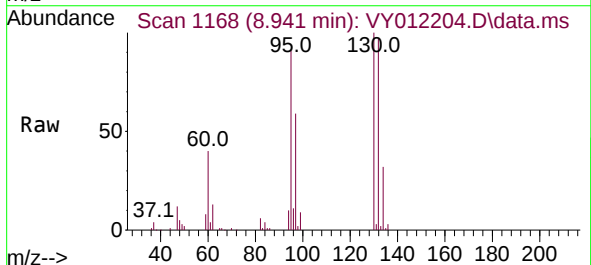
Instrument : MSVOA_Y
ClientSampleId : VY0116SBS01

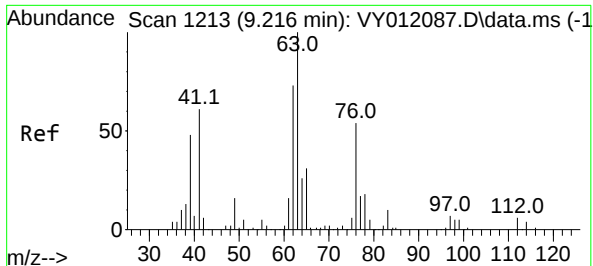
Tgt Ion: 43 Resp: 43938
Ion Ratio Lower Upper
43 100
61 33.2 24.4 36.6
87 17.2 11.4 17.2#



#44
Trichloroethene
Concen: 20.495 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion:130 Resp: 45793
Ion Ratio Lower Upper
130 100
95 91.4 0.0 190.6





#45

1,2-Dichloropropane

Concen: 21.157 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

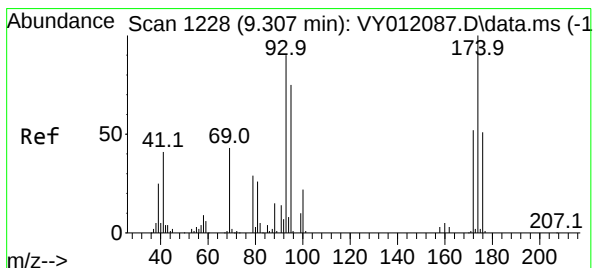
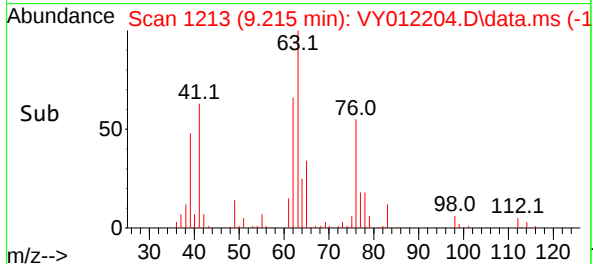
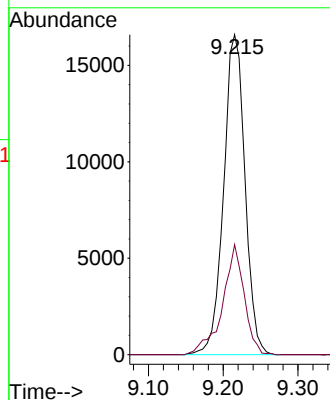
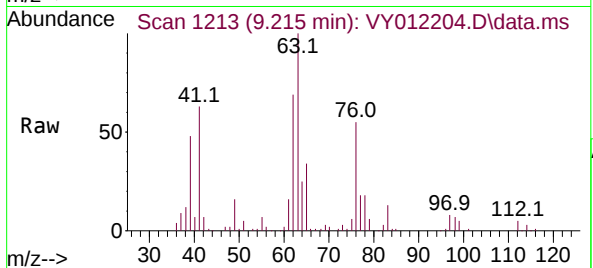
VY0116SBS01

Tgt Ion: 63 Resp: 33001

Ion Ratio Lower Upper

63 100

65 34.4 24.9 37.3



#46

Dibromomethane

Concen: 20.811 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

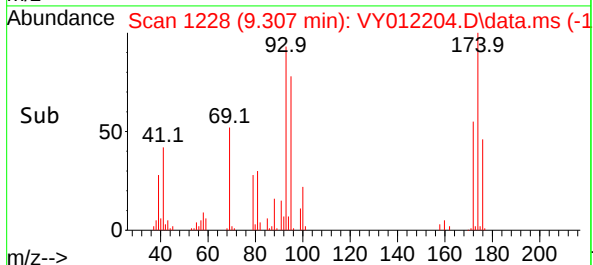
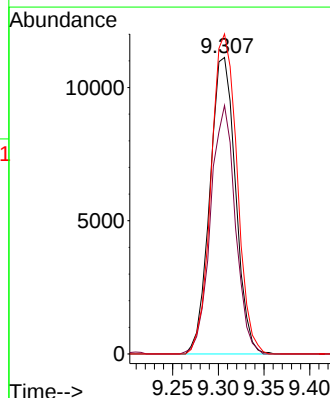
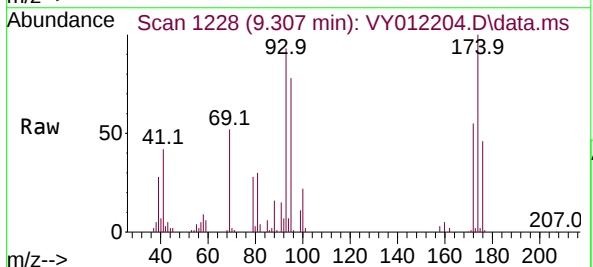
Tgt Ion: 93 Resp: 21732

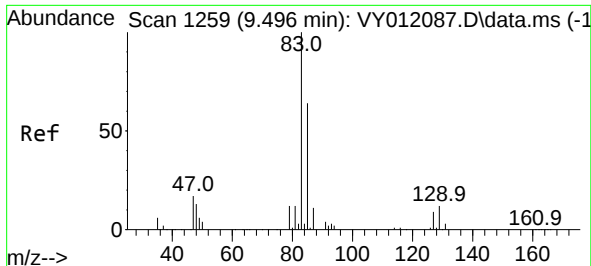
Ion Ratio Lower Upper

93 100

95 80.4 66.1 99.1

174 108.7 84.7 127.1

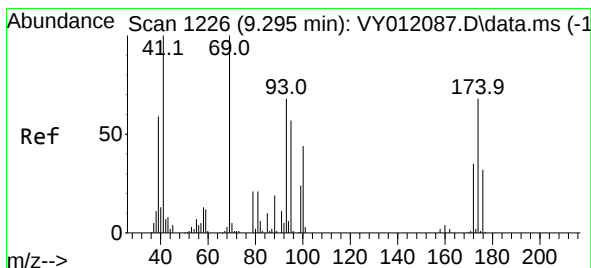
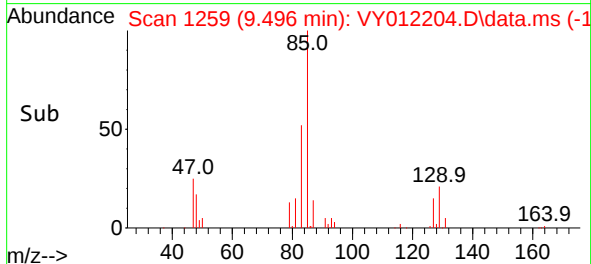
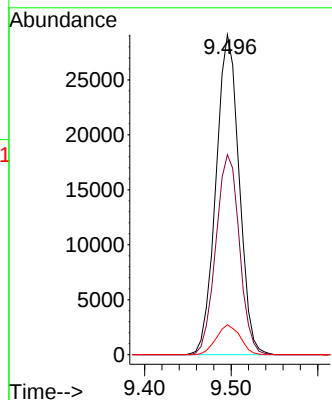
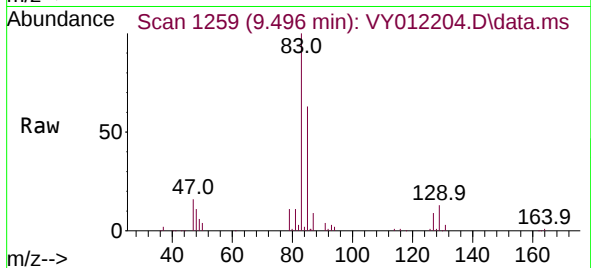




#47
Bromodichloromethane
Concen: 20.556 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

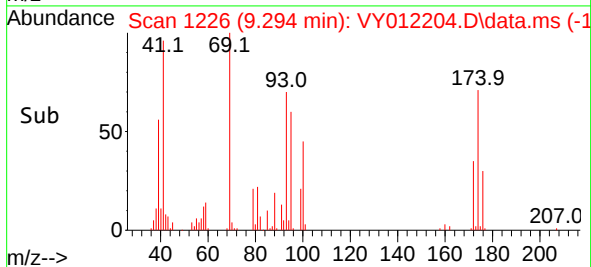
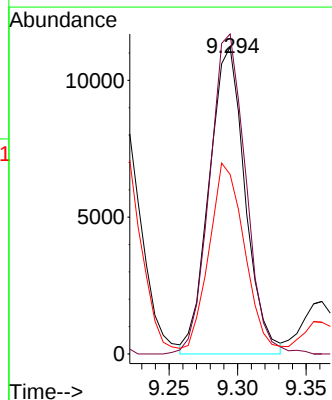
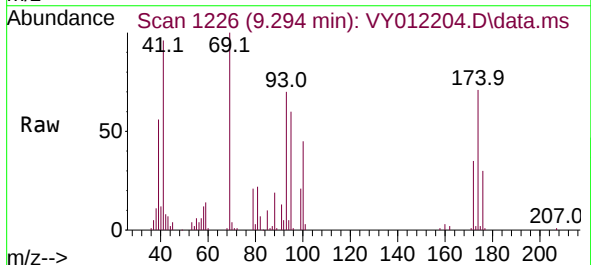
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

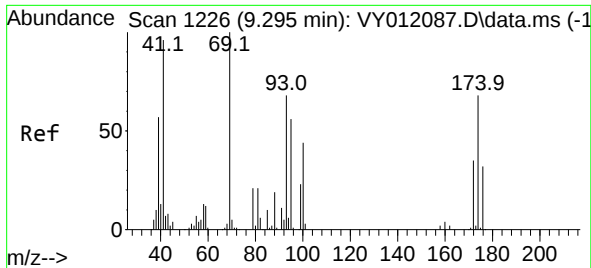
Tgt Ion: 83	Resp: 54033
Ion Ratio	Lower Upper
83 100	
85 62.5	52.0 78.0
127 9.4	7.3 10.9



#48
Methyl methacrylate
Concen: 20.902 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. -0.001 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion: 41	Resp: 20458		
Ion Ratio	Lower	Upper	
41	100		
69	104.5	74.2	111.2
39	59.2	46.3	69.5





#49

1,4-Dioxane

Concen: 402.344 ug/l

RT: 9.294 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0116SBS01

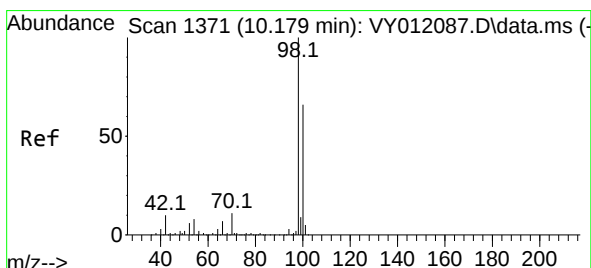
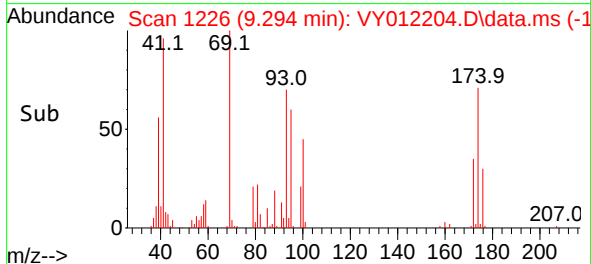
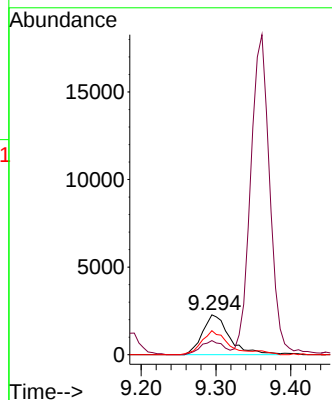
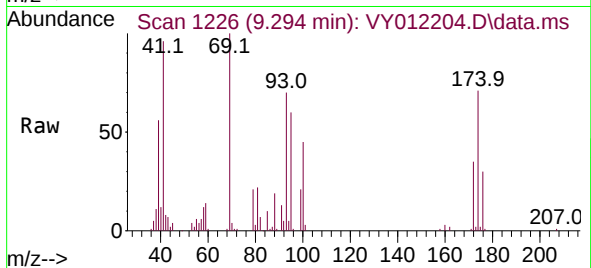
Tgt Ion: 88 Resp: 5725

Ion Ratio Lower Upper

88 100

43 29.2 26.2 39.2

58 57.1 54.3 81.5



#50

Toluene-d8

Concen: 48.734 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY012204.D

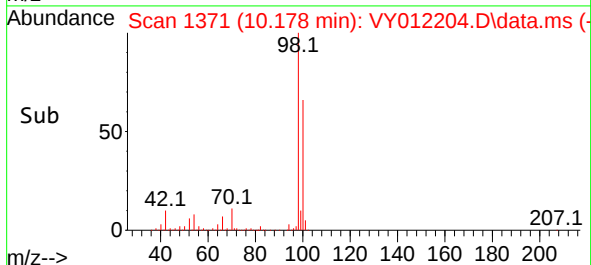
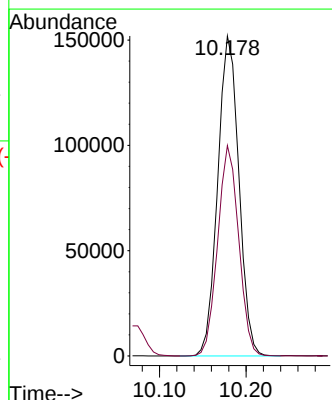
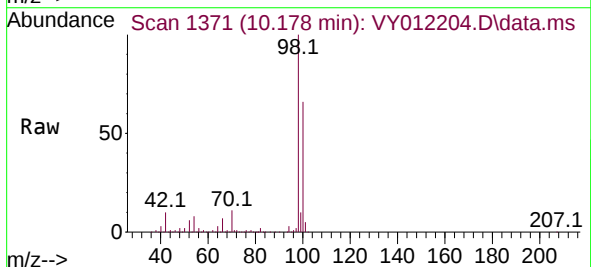
Acq: 16 Jan 2023 17:08

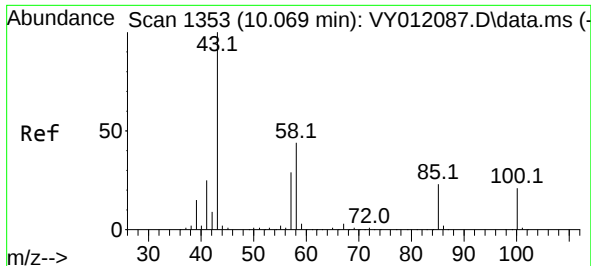
Tgt Ion: 98 Resp: 257908

Ion Ratio Lower Upper

98 100

100 65.3 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 103.129 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

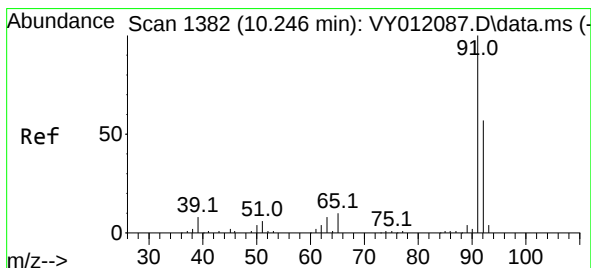
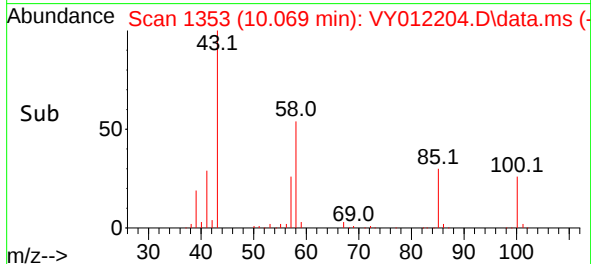
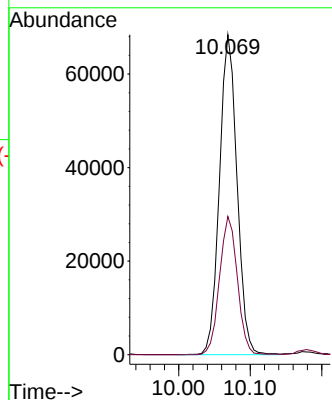
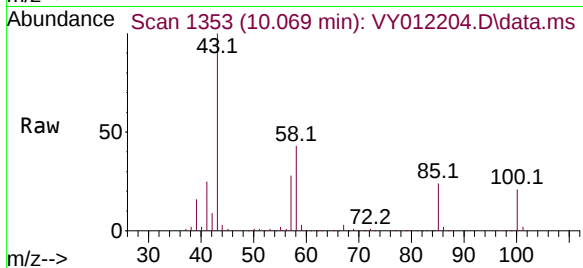
VY0116SBS01

Tgt Ion: 43 Resp: 116817

Ion Ratio Lower Upper

43 100

58 43.8 32.9 49.3



#52

Toluene

Concen: 20.504 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.001 min

Lab File: VY012204.D

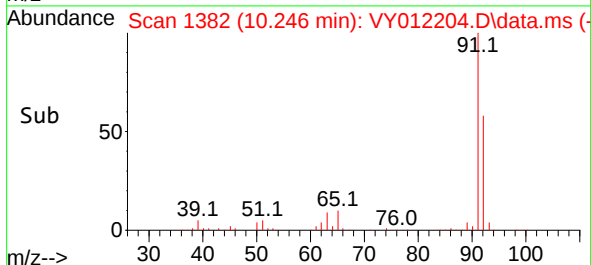
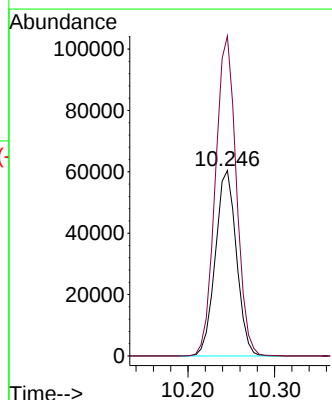
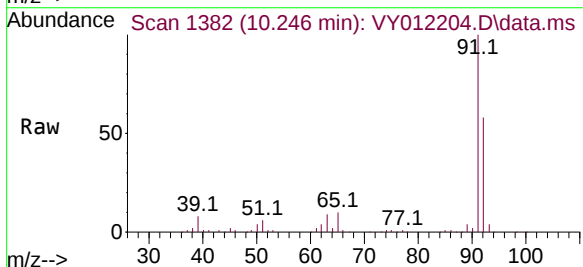
Acq: 16 Jan 2023 17:08

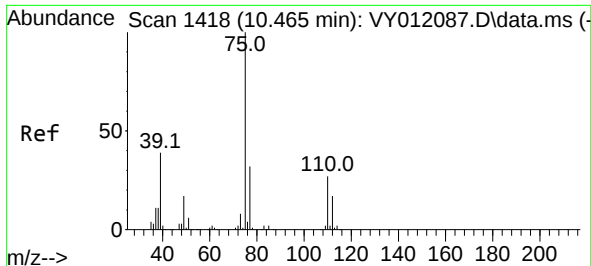
Tgt Ion: 92 Resp: 102053

Ion Ratio Lower Upper

92 100

91 171.7 137.4 206.0

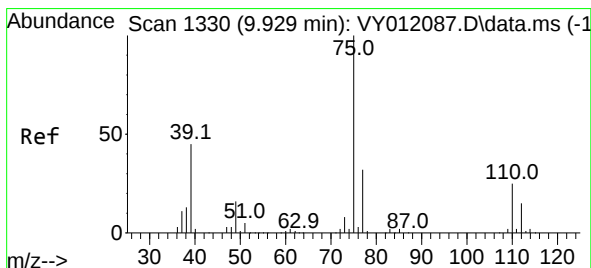
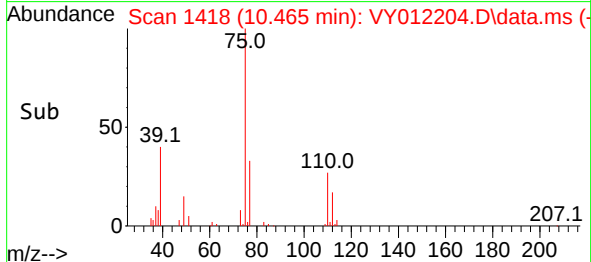
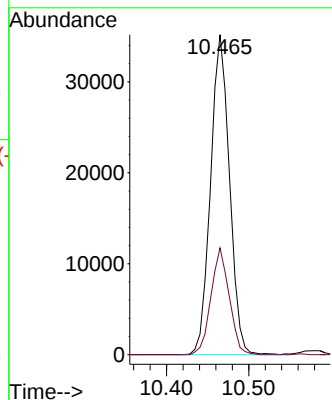
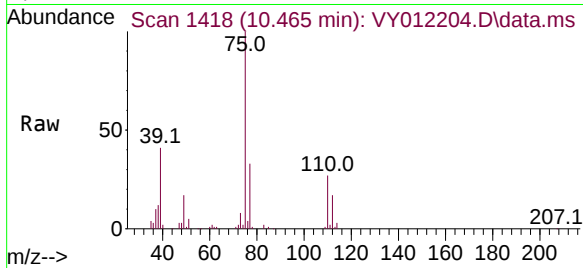




#53
t-1,3-Dichloropropene
Concen: 20.426 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

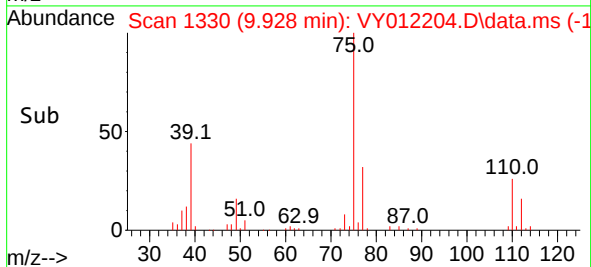
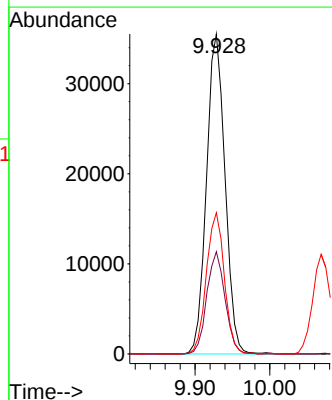
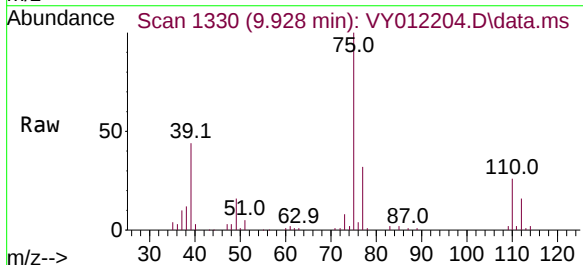
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

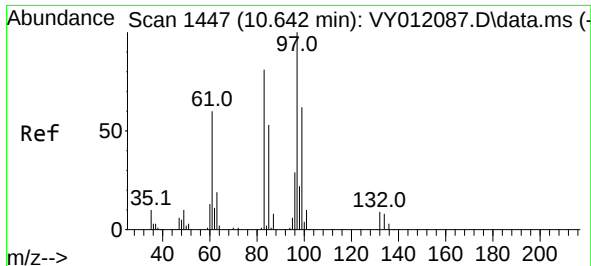
Tgt Ion: 75 Resp: 56162
Ion Ratio Lower Upper
75 100
77 33.3 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 20.619 ug/l
RT: 9.928 min Scan# 1330
Delta R.T. -0.001 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion: 75 Resp: 61053
Ion Ratio Lower Upper
75 100
77 31.9 25.9 38.9
39 44.2 34.6 52.0

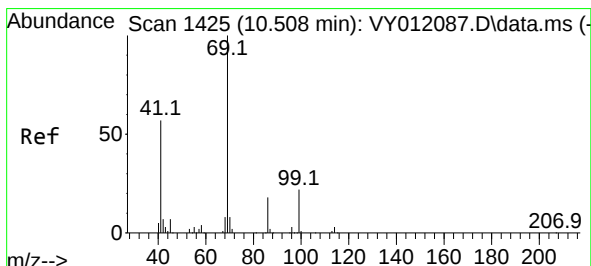
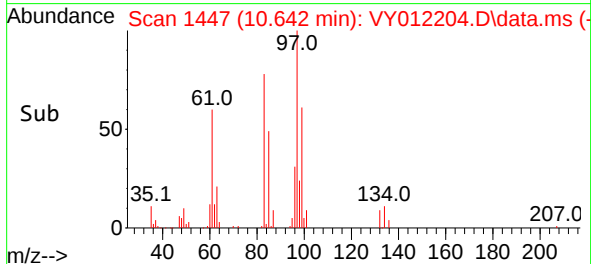
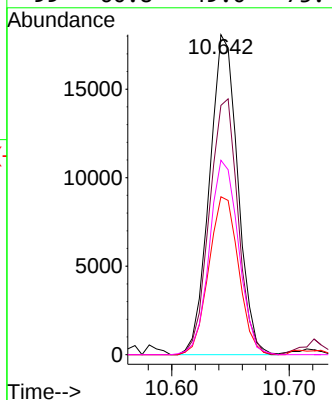
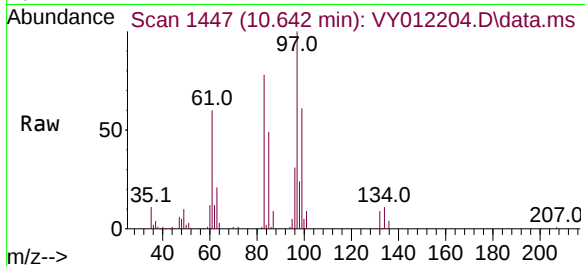




#55
1,1,2-Trichloroethane
Concen: 20.429 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

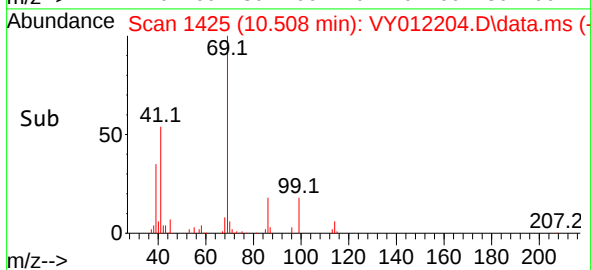
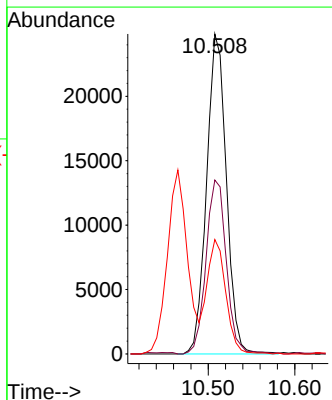
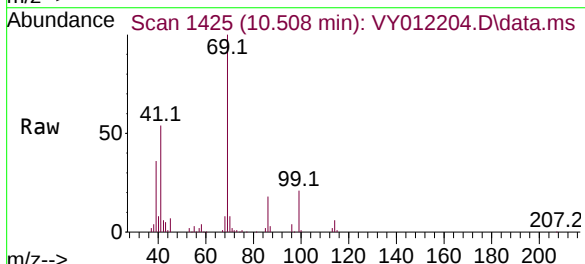
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

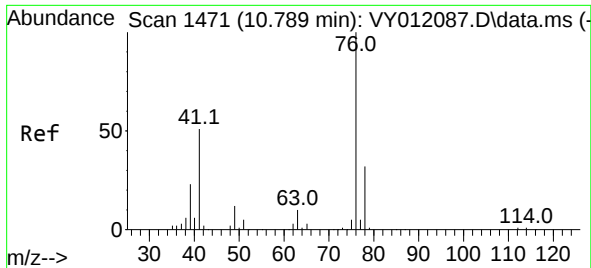
Tgt Ion: 97	Resp: 30309
Ion Ratio	Lower Upper
97 100	
83 77.9	67.7 101.5
85 49.4	43.8 65.8
99 60.8	49.0 73.4



#56
Ethyl methacrylate
Concen: 20.235 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion: 69	Resp:	39385	
Ion	Ratio	Lower	Upper
69	100		
41	56.1	48.9	73.3
39	34.1	25.9	38.9

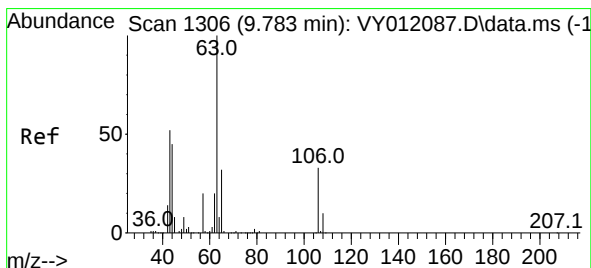
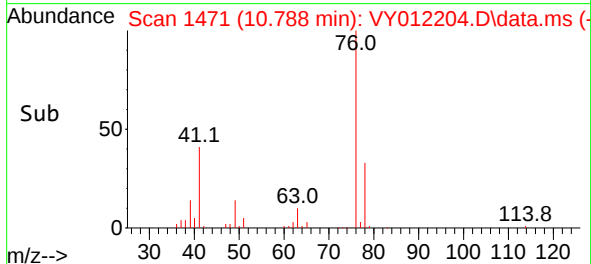
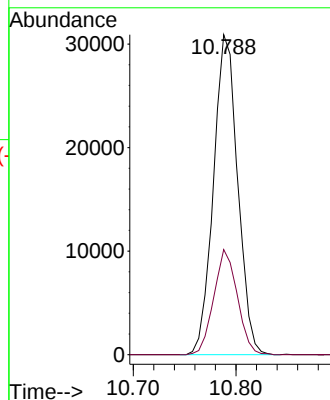
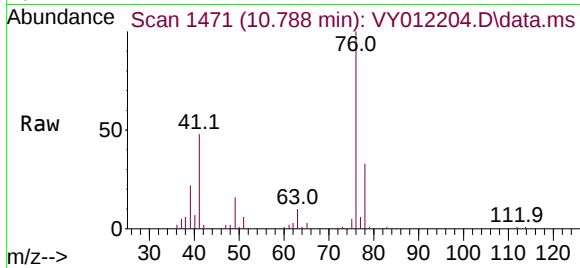




#57
1,3-Dichloropropane
Concen: 20.851 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

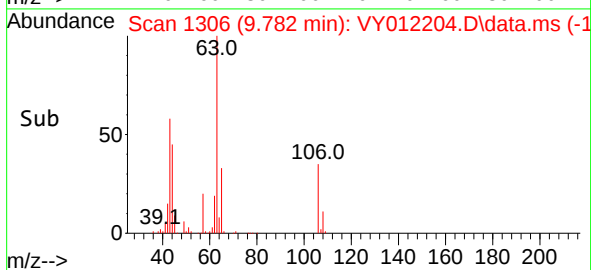
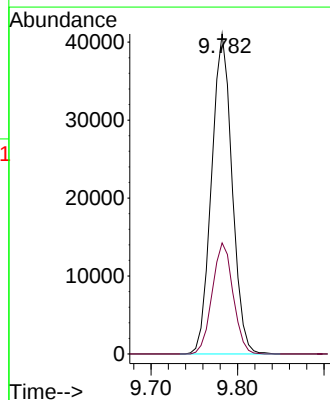
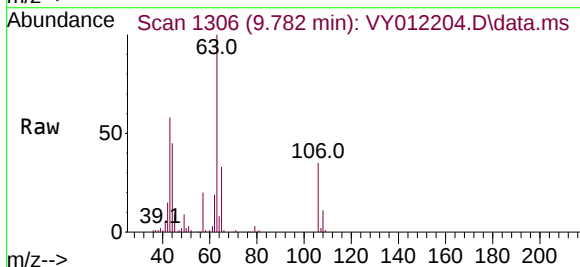
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

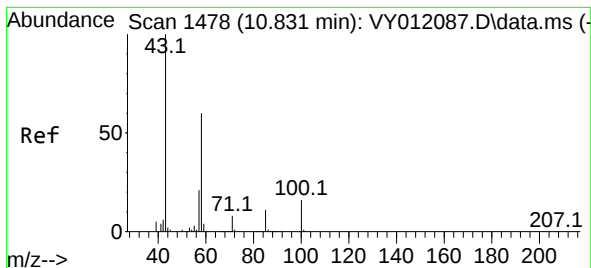
Tgt Ion: 76 Resp: 50521
Ion Ratio Lower Upper
76 100
78 32.0 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 104.853 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.001 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion: 63 Resp: 67530
Ion Ratio Lower Upper
63 100
106 35.2 23.2 34.8#

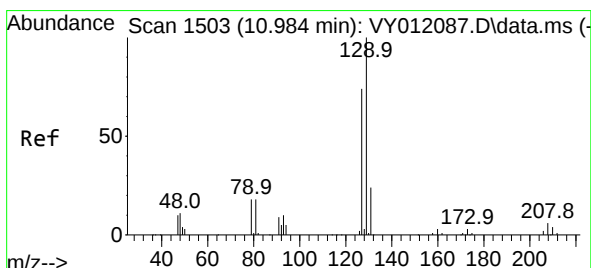
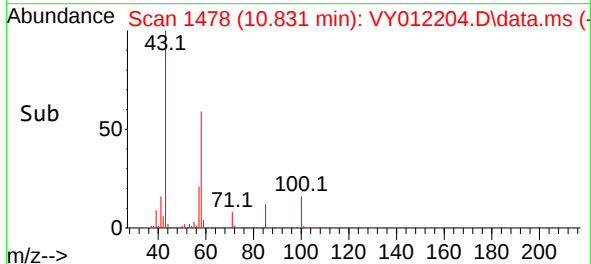
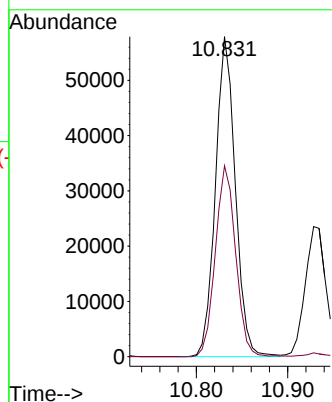
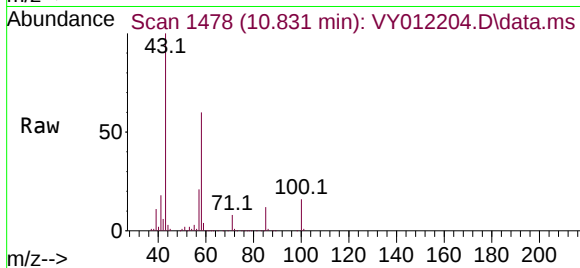




#59
2-Hexanone
Concen: 101.390 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

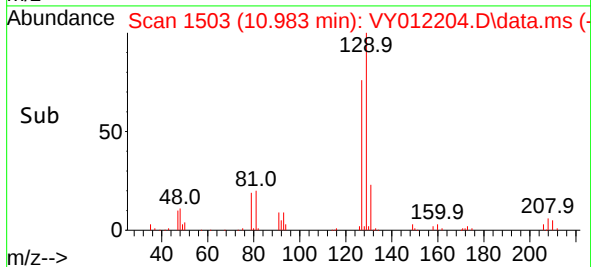
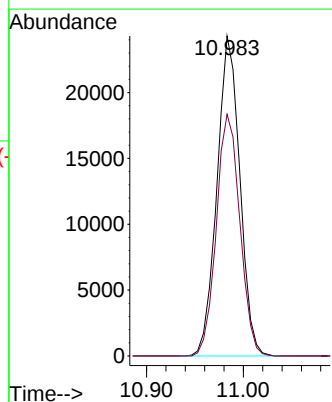
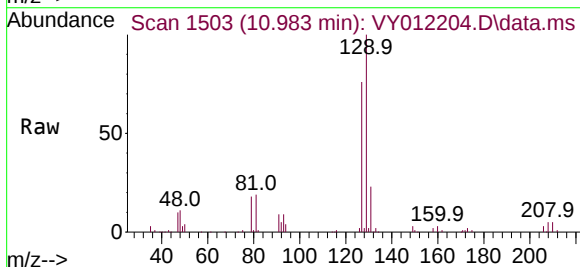
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

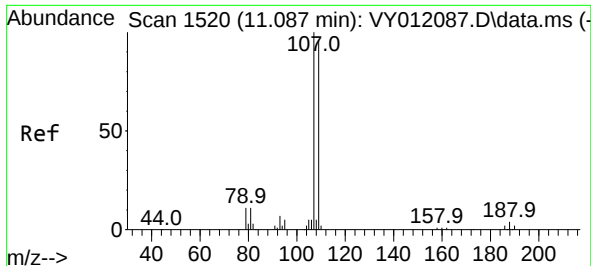
Tgt Ion: 43 Resp: 87439
Ion Ratio Lower Upper
43 100
58 61.0 28.4 85.2



#60
Dibromochloromethane
Concen: 20.250 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion: 129 Resp: 39847
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6

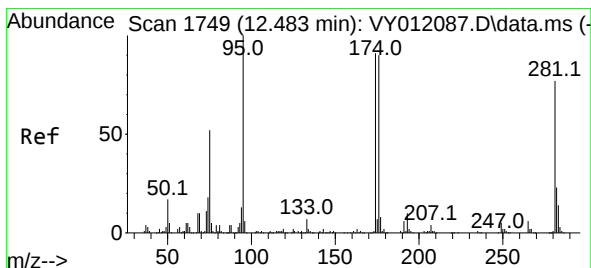
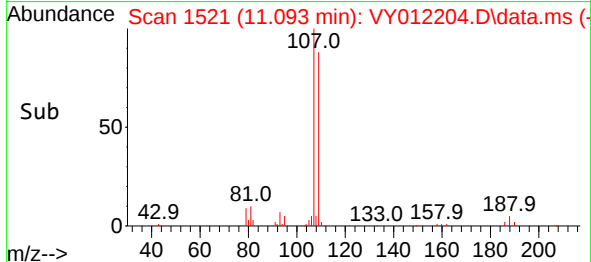
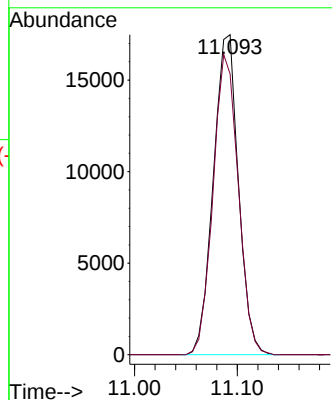
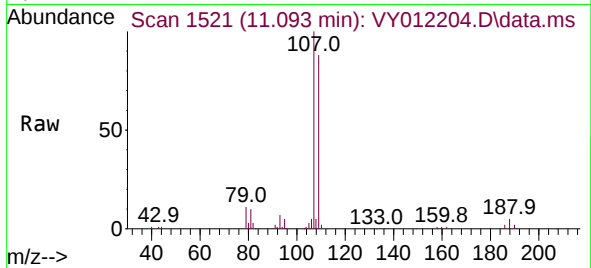




#61
1,2-Dibromoethane
Concen: 20.651 ug/l
RT: 11.093 min Scan# 1520
Delta R.T. 0.006 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

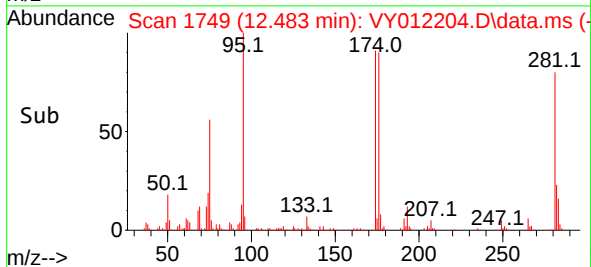
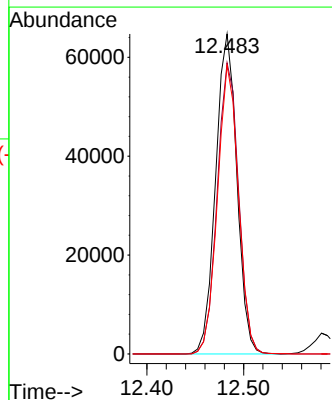
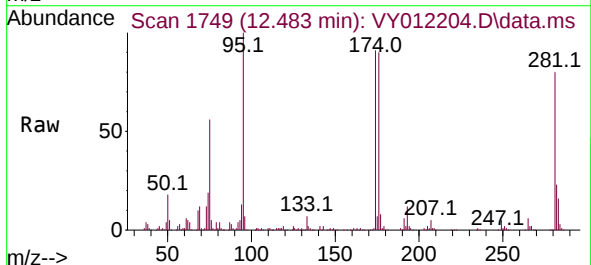
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

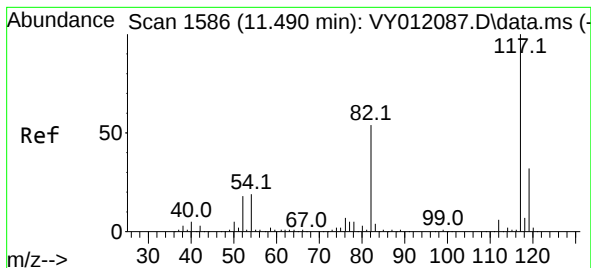
Tgt Ion:107 Resp: 29565
Ion Ratio Lower Upper
107 100
109 94.5 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 45.897 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion: 95 Resp: 98602
Ion Ratio Lower Upper
95 100
174 91.6 0.0 172.0
176 88.9 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0116SBS01

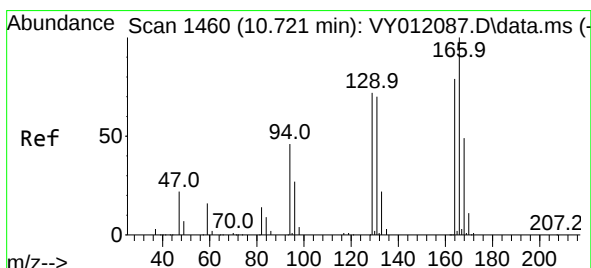
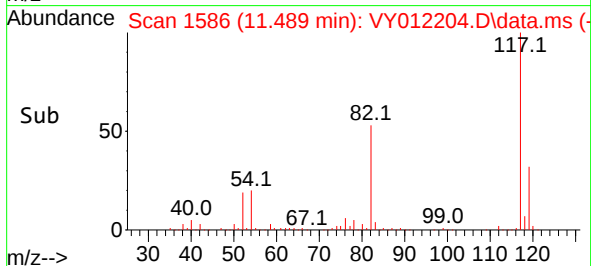
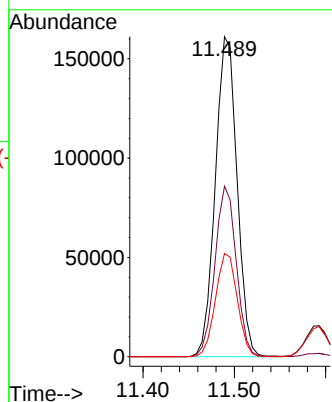
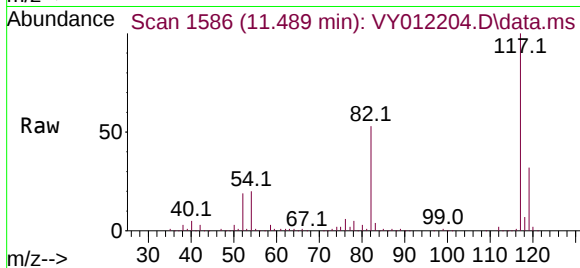
Tgt Ion:117 Resp: 266553

Ion Ratio Lower Upper

117 100

82 53.3 44.8 67.2

119 32.3 25.4 38.2



#64

Tetrachloroethene

Concen: 20.727 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Tgt Ion:164 Resp: 50414

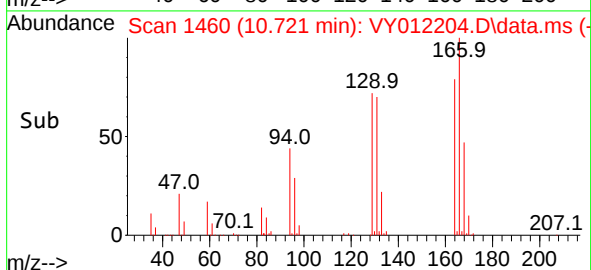
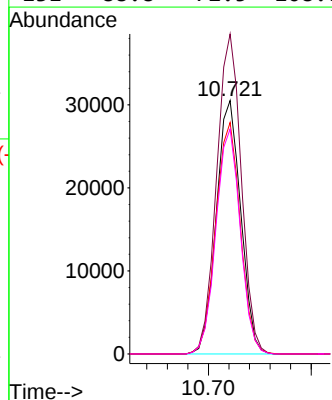
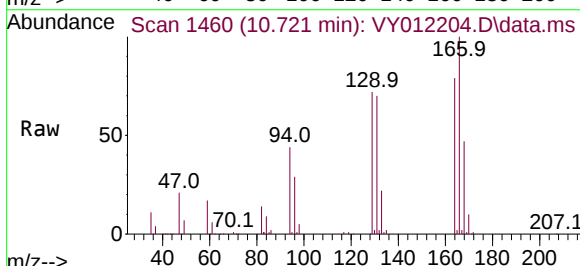
Ion Ratio Lower Upper

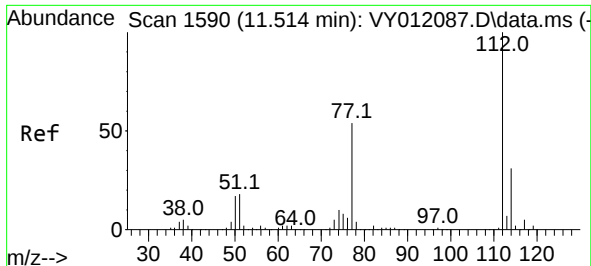
164 100

166 126.3 102.3 153.5

129 91.4 77.2 115.8

131 88.8 72.5 108.7

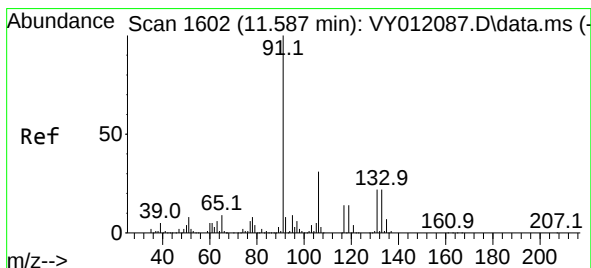
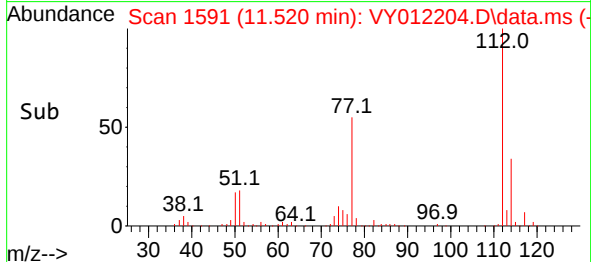
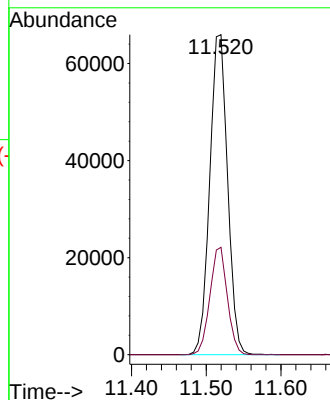
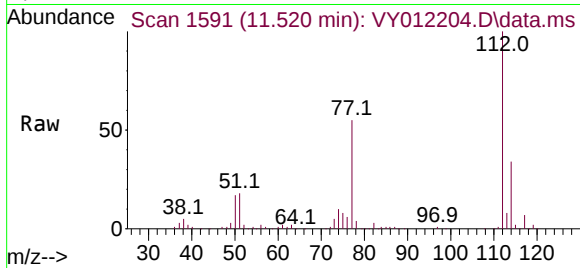




#65
Chlorobenzene
Concen: 20.063 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

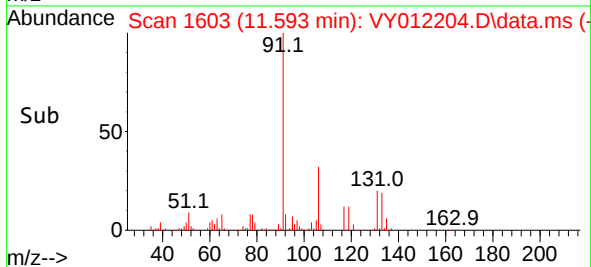
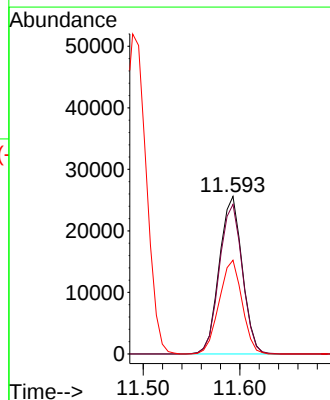
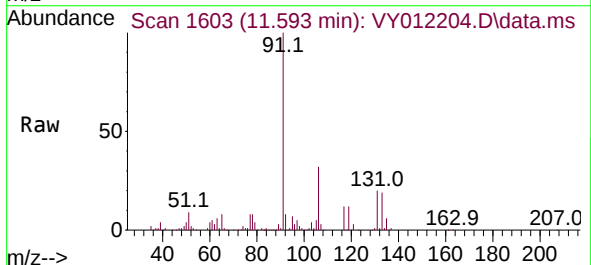
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

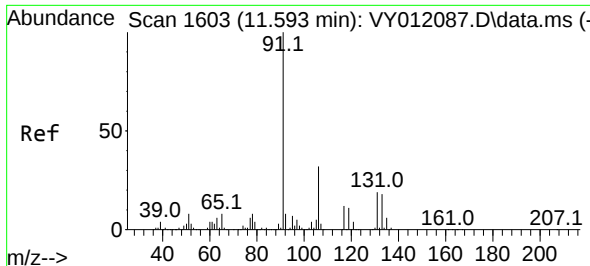
Tgt Ion:112 Resp: 109421
Ion Ratio Lower Upper
112 100
114 33.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.504 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion:131 Resp: 42209
Ion Ratio Lower Upper
131 100
133 95.7 47.3 142.0
119 59.4 32.1 96.3

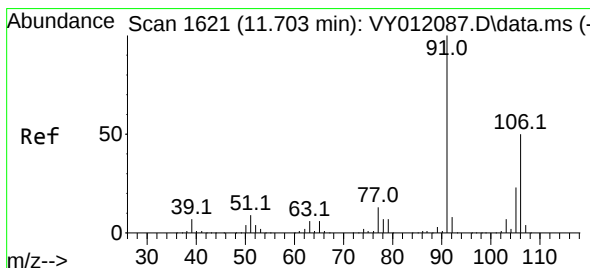
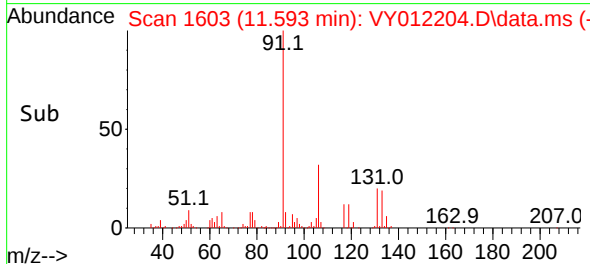
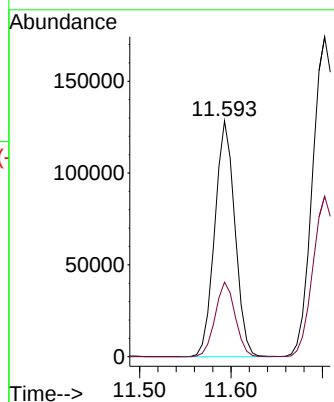
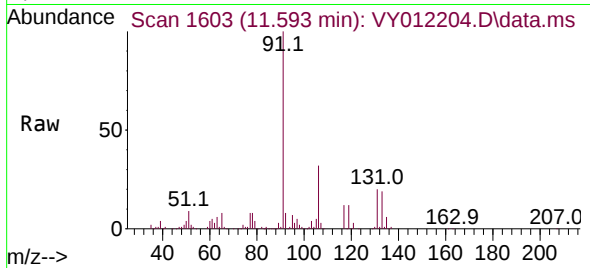




#67
Ethyl Benzene
Concen: 20.192 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

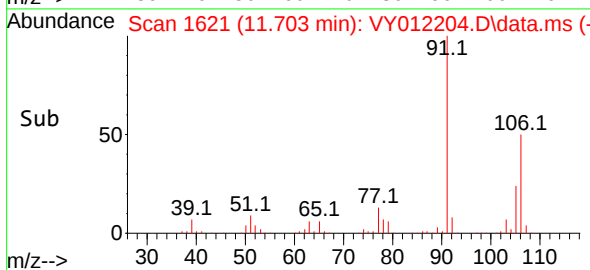
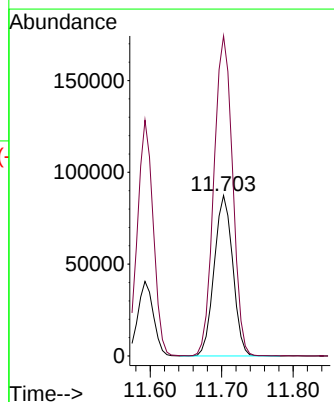
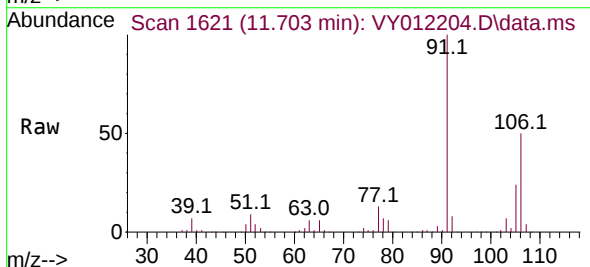
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

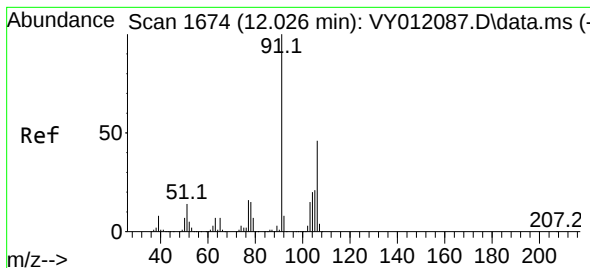
Tgt Ion: 91 Resp: 196814
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4



#68
m/p-Xylenes
Concen: 40.862 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion:106 Resp: 157476
Ion Ratio Lower Upper
106 100
91 201.0 162.5 243.7





#69

o-Xylene

Concen: 20.337 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

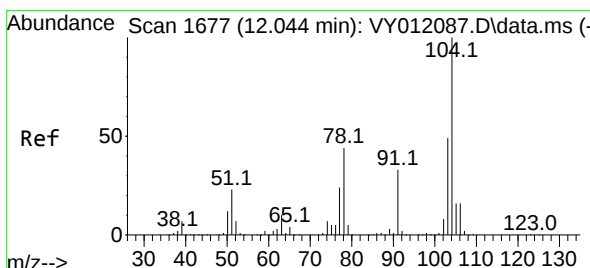
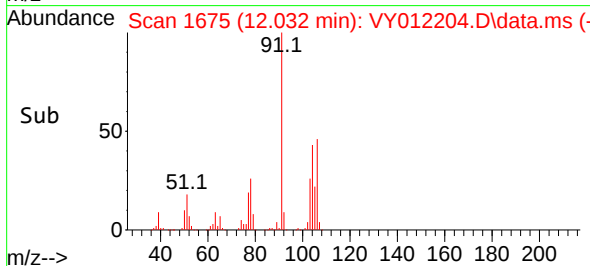
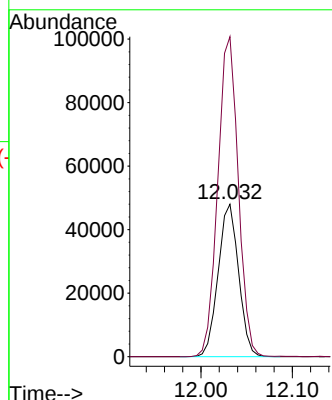
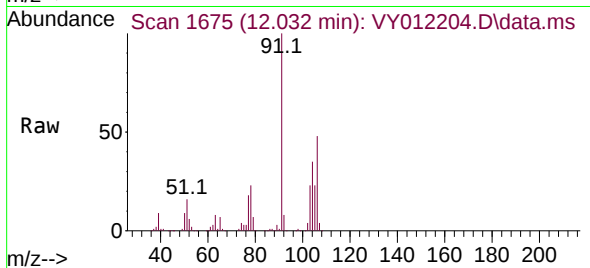
VY0116SBS01

Tgt Ion:106 Resp: 74860

Ion Ratio Lower Upper

106 100

91 210.0 107.5 322.4



#70

Styrene

Concen: 20.239 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

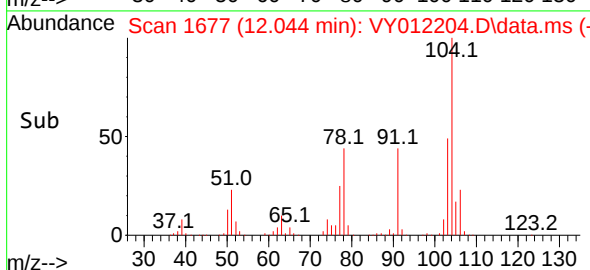
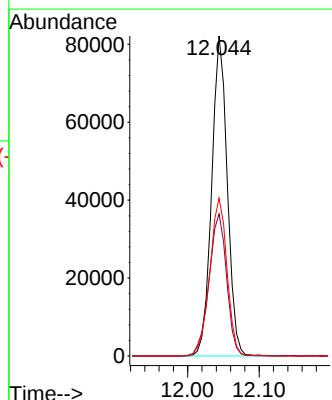
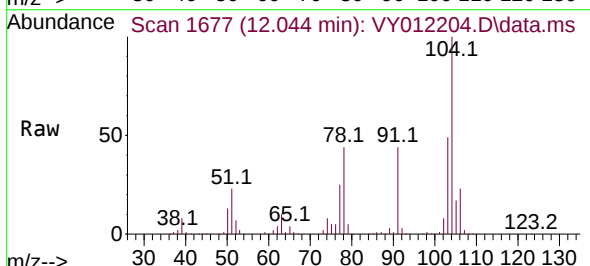
Tgt Ion:104 Resp: 124475

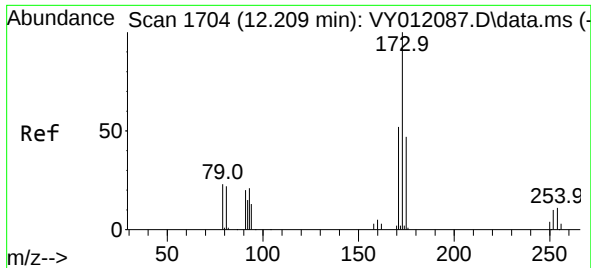
Ion Ratio Lower Upper

104 100

78 49.9 39.4 59.0

103 54.3 43.0 64.4

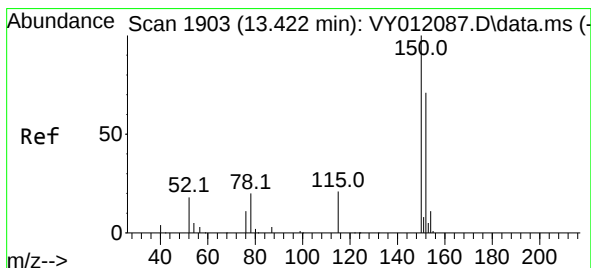
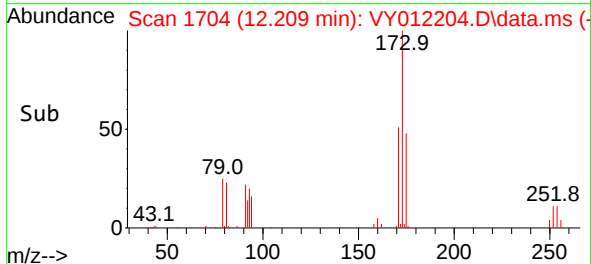
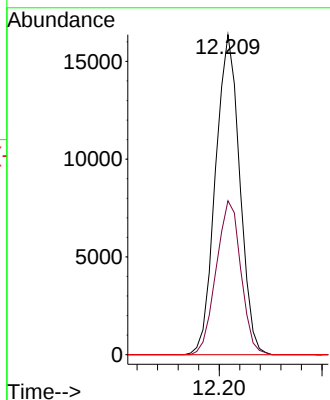
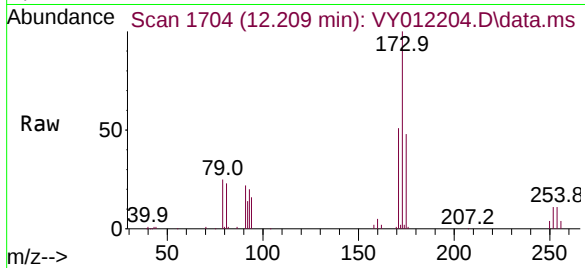




#71
Bromoform
Concen: 20.342 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

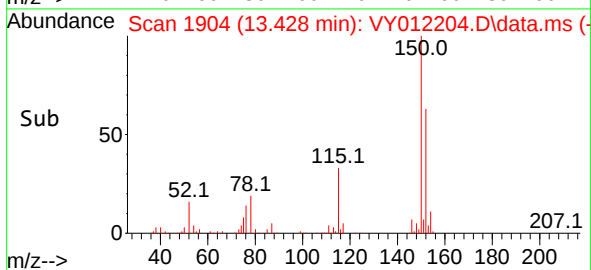
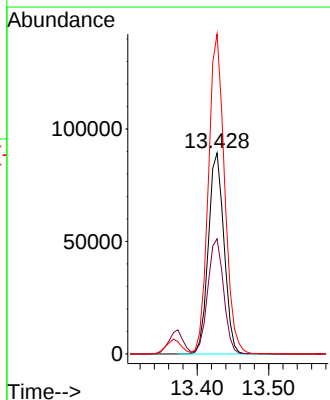
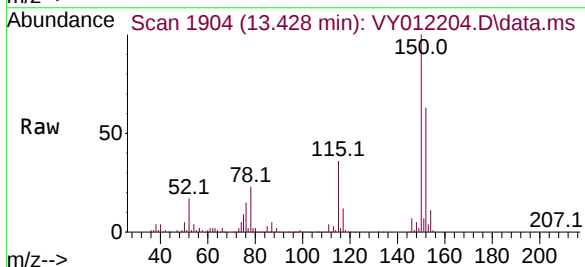
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

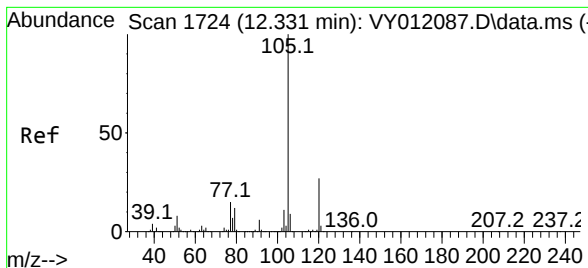
Tgt Ion:173 Resp: 26754
Ion Ratio Lower Upper
173 100
175 49.0 23.8 71.5
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion:152 Resp: 135573
Ion Ratio Lower Upper
152 100
115 58.0 29.1 87.3
150 165.1 0.0 342.6





#73

Isopropylbenzene

Concen: 20.765 ug/l

RT: 12.330 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

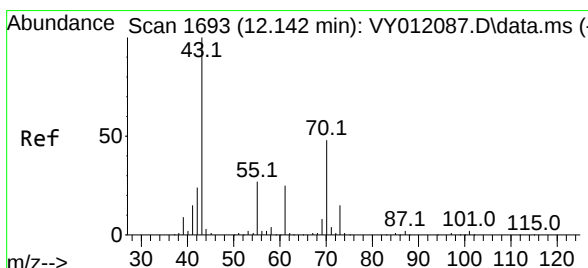
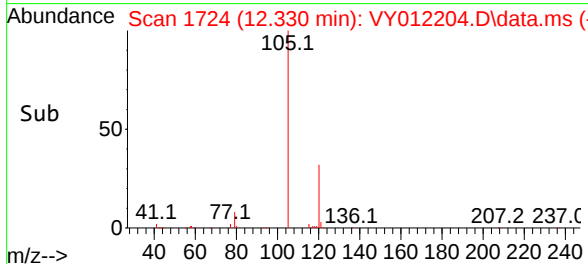
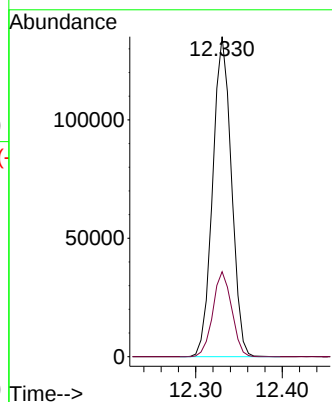
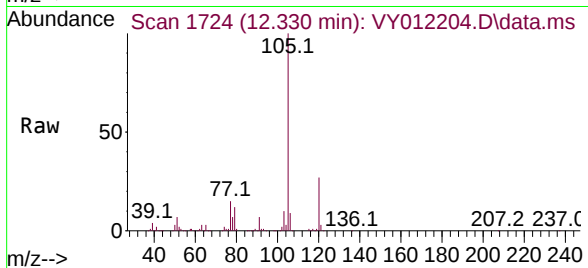
VY0116SBS01

Tgt Ion:105 Resp: 202997

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 20.091 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Tgt Ion: 43 Resp: 38502

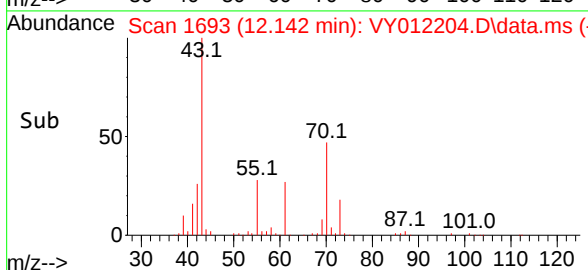
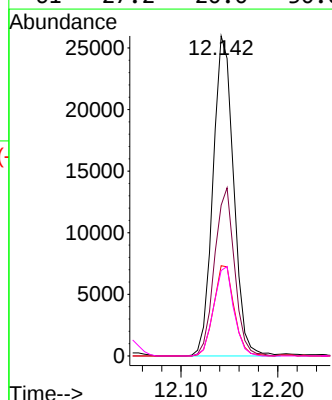
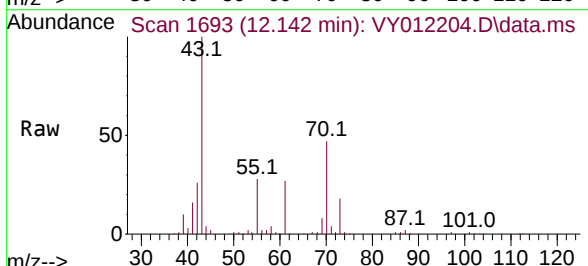
Ion Ratio Lower Upper

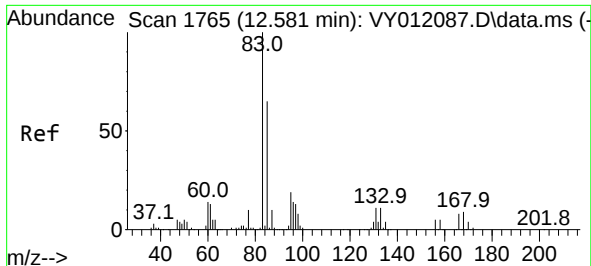
43 100

70 50.9 35.8 53.8

55 28.0 21.0 31.4

61 27.2 20.0 30.0

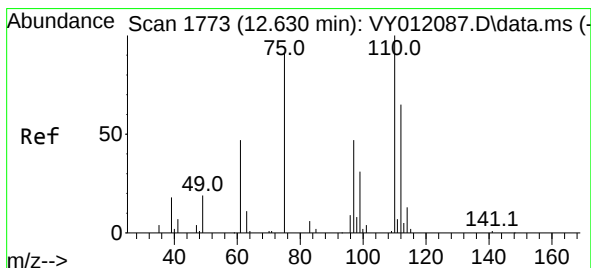
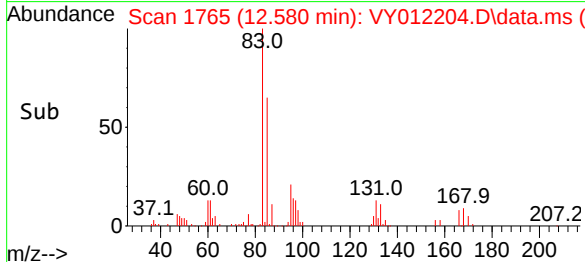
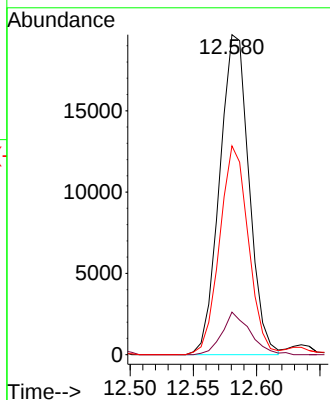
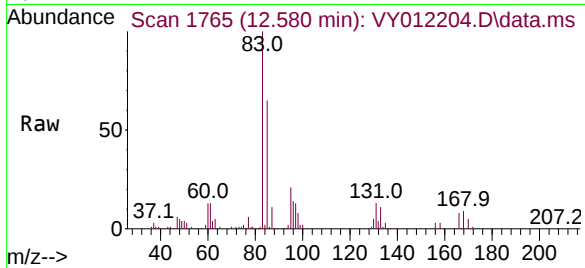




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.633 ug/l
 RT: 12.580 min Scan# 1765
 Delta R.T. -0.001 min
 Lab File: VY012204.D
 Acq: 16 Jan 2023 17:08

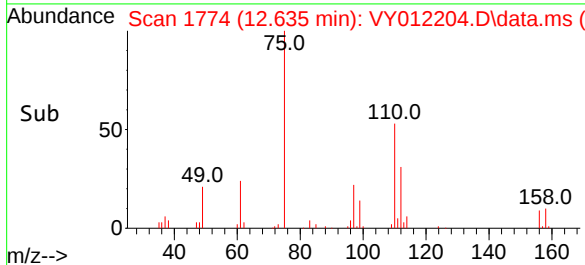
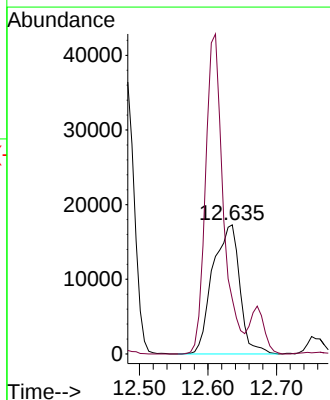
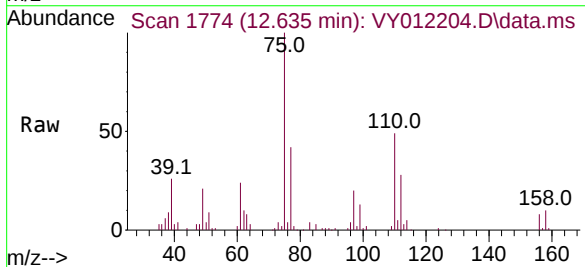
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0116SBS01

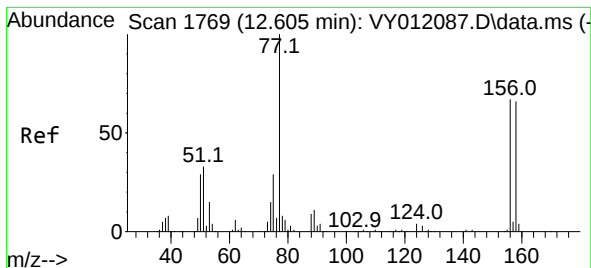
Tgt Ion: 83 Resp: 31771
 Ion Ratio Lower Upper
 83 100
 131 12.7 5.6 16.8
 85 63.9 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 38.068 ug/l
 RT: 12.635 min Scan# 1774
 Delta R.T. 0.005 min
 Lab File: VY012204.D
 Acq: 16 Jan 2023 17:08

Tgt Ion: 75 Resp: 47457
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.156 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0116SBS01

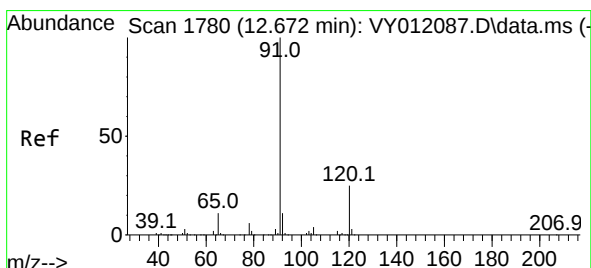
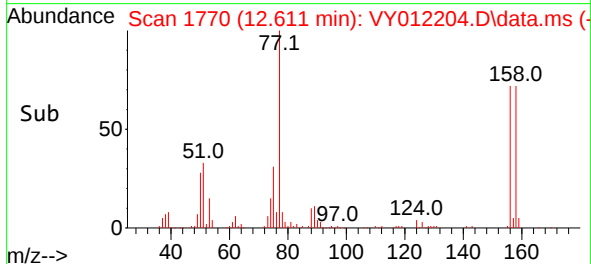
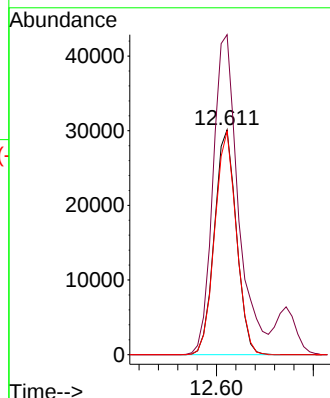
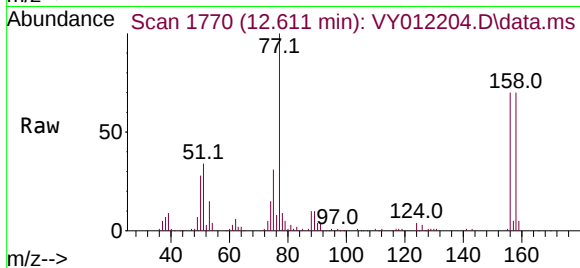
Tgt Ion:156 Resp: 47415

Ion Ratio Lower Upper

156 100

77 164.2 90.0 270.0

158 98.1 48.4 145.2



#78

n-propylbenzene

Concen: 20.663 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012204.D

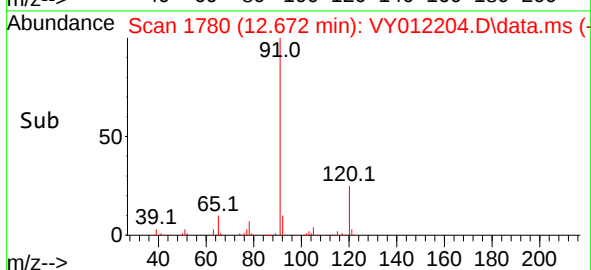
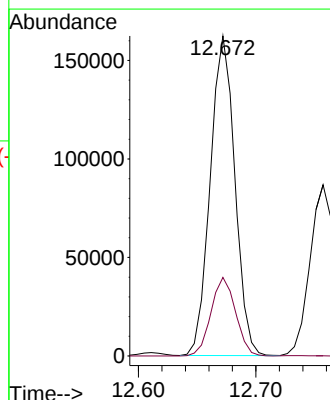
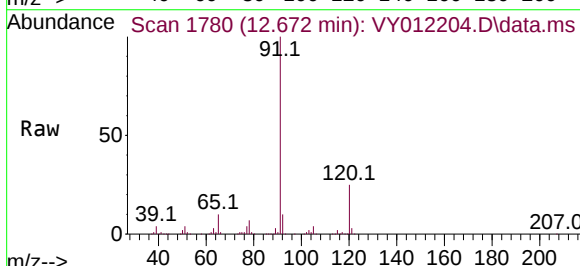
Acq: 16 Jan 2023 17:08

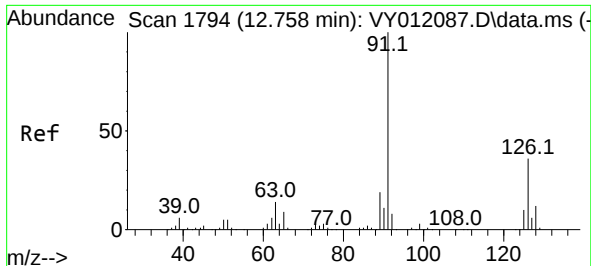
Tgt Ion: 91 Resp: 236383

Ion Ratio Lower Upper

91 100

120 24.5 11.8 35.4





#79

2-Chlorotoluene

Concen: 20.496 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

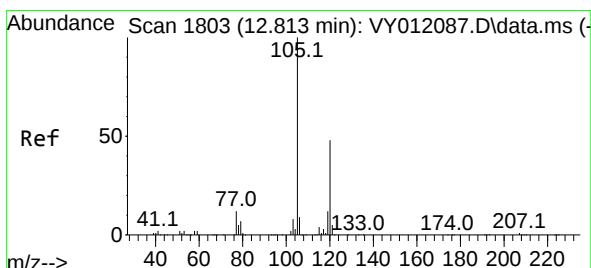
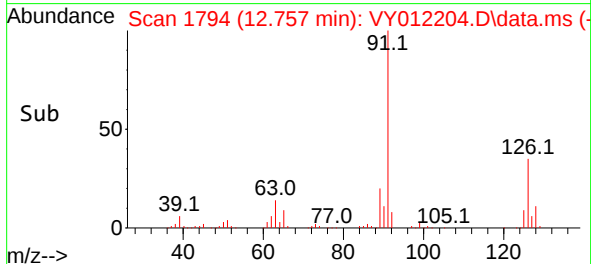
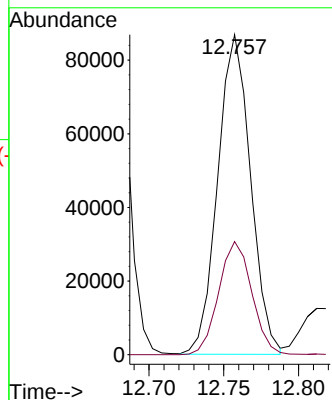
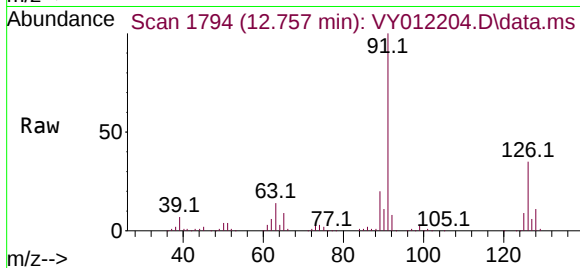
VY0116SBS01

Tgt Ion: 91 Resp: 132570

Ion Ratio Lower Upper

91 100

126 35.7 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 20.791 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY012204.D

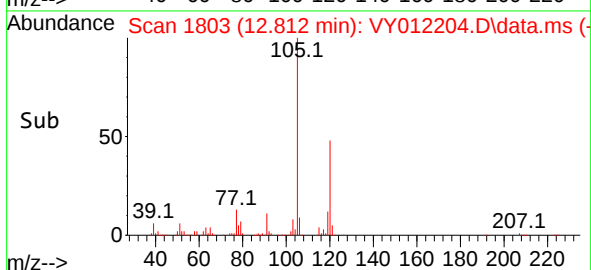
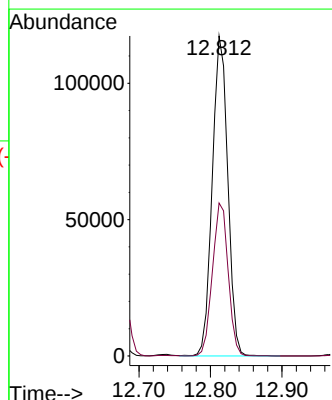
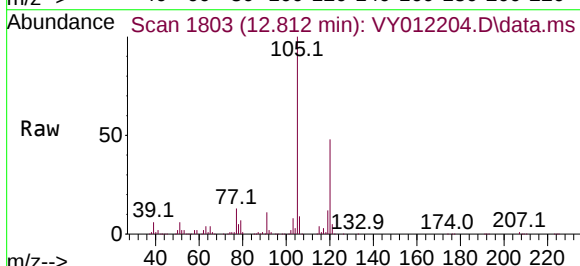
Acq: 16 Jan 2023 17:08

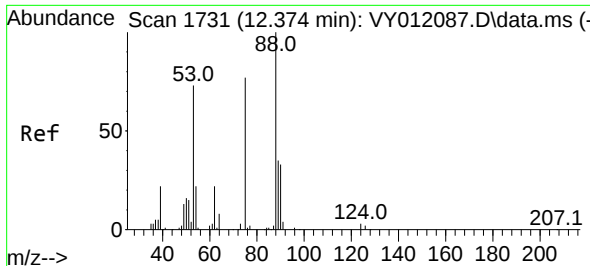
Tgt Ion:105 Resp: 176693

Ion Ratio Lower Upper

105 100

120 48.5 24.2 72.6

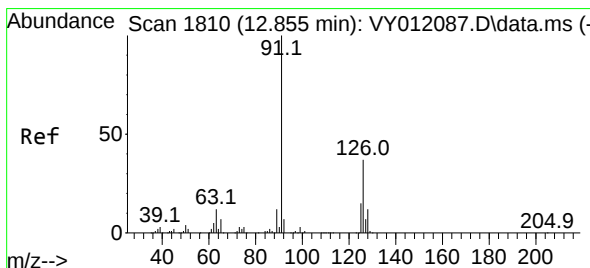
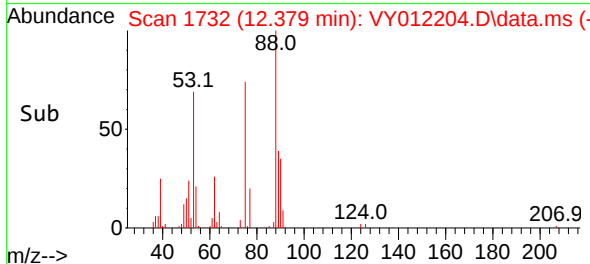
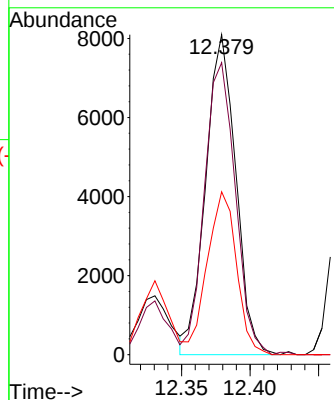
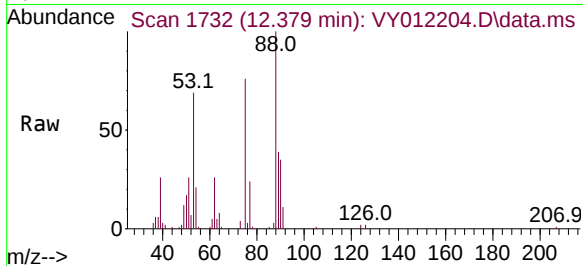




#81
trans-1,4-Dichloro-2-butene
Concen: 20.417 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. 0.005 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

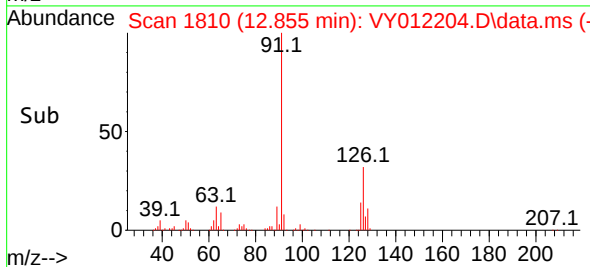
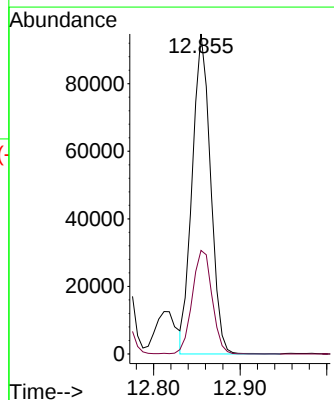
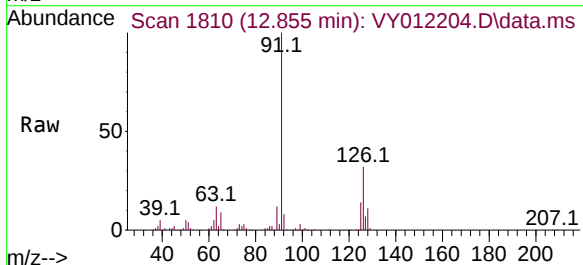
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

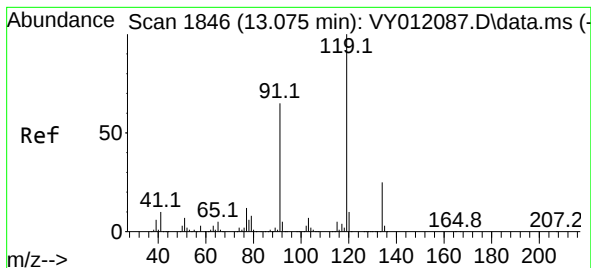
Tgt Ion: 75 Resp: 12353
Ion Ratio Lower Upper
75 100
53 93.9 72.5 108.7
89 49.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.482 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion: 91 Resp: 139159
Ion Ratio Lower Upper
91 100
126 35.0 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.754 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.001 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0116SBS01

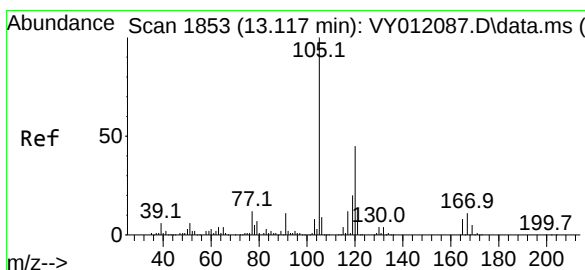
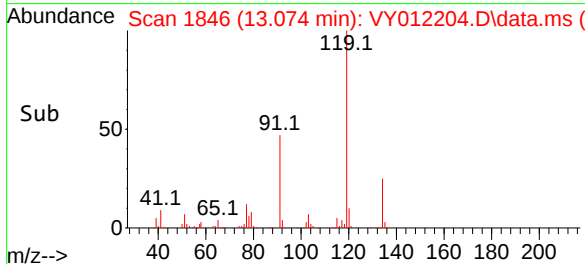
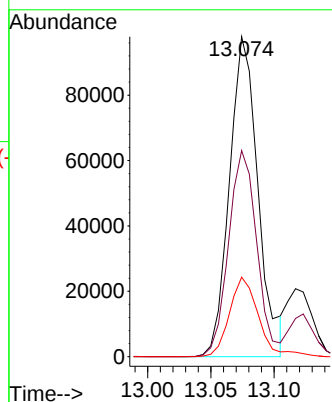
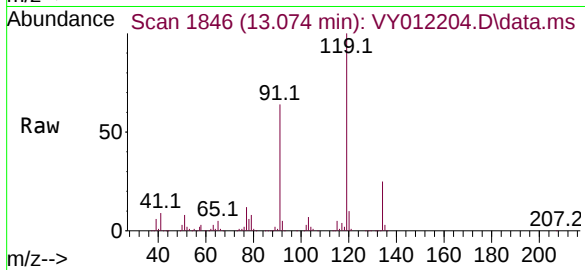
Tgt Ion:119 Resp: 153723

Ion Ratio Lower Upper

119 100

91 63.9 32.3 96.8

134 25.3 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 20.569 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012204.D

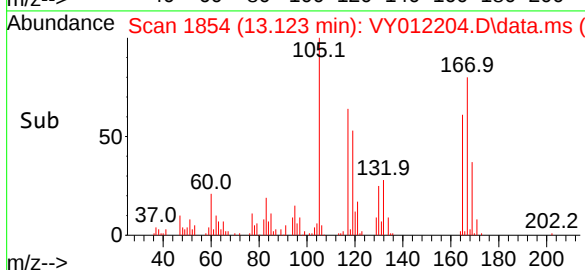
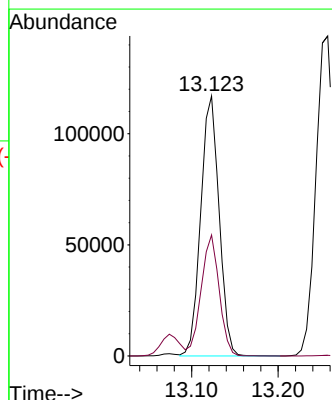
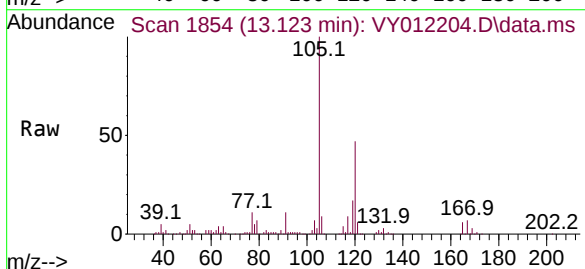
Acq: 16 Jan 2023 17:08

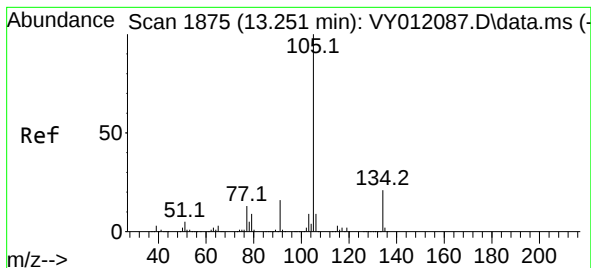
Tgt Ion:105 Resp: 172386

Ion Ratio Lower Upper

105 100

120 45.6 22.9 68.7





#85

sec-Butylbenzene

Concen: 20.703 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

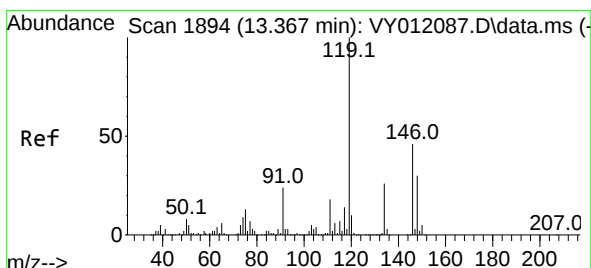
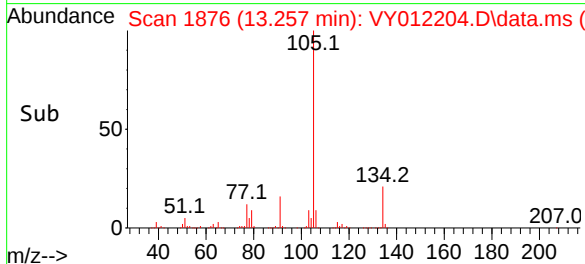
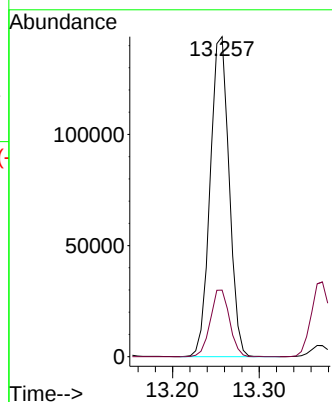
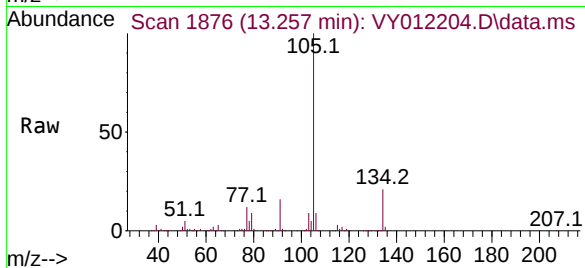
VY0116SBS01

Tgt Ion:105 Resp: 218330

Ion Ratio Lower Upper

105 100

134 21.1 10.1 30.3



#86

p-Isopropyltoluene

Concen: 20.729 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

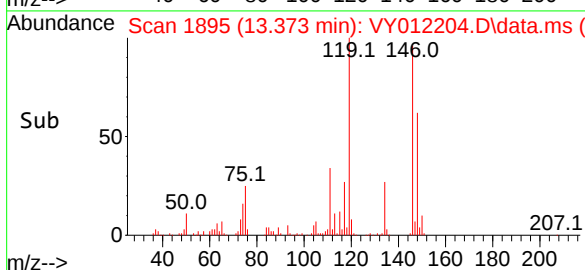
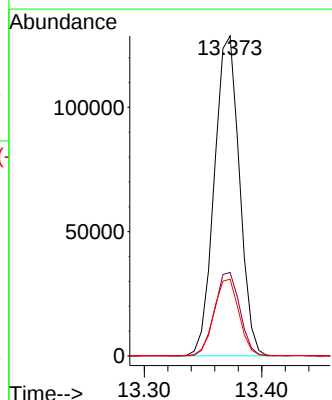
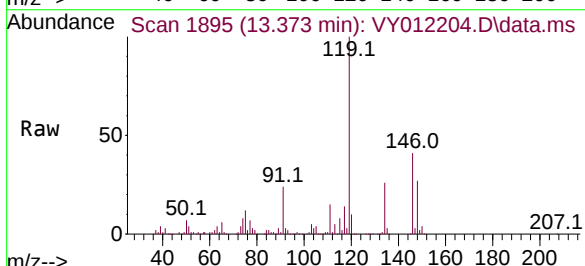
Tgt Ion:119 Resp: 190996

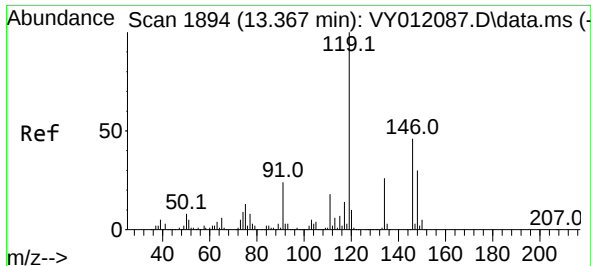
Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 23.9 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 20.318 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0116SBS01

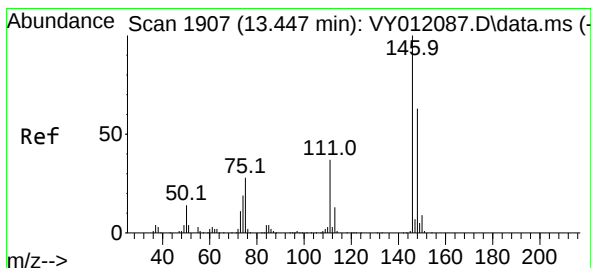
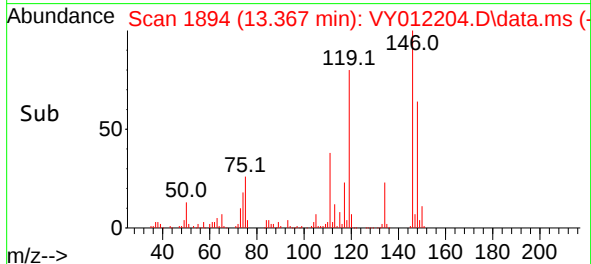
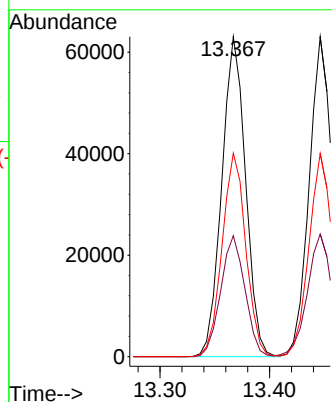
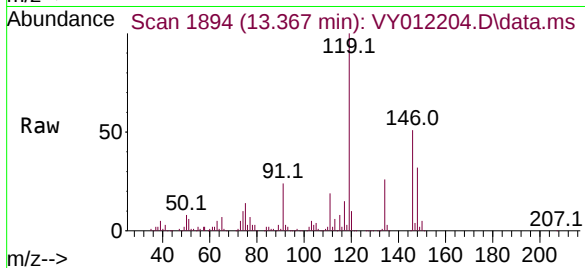
Tgt Ion:146 Resp: 95059

Ion Ratio Lower Upper

146 100

111 38.5 19.7 59.0

148 63.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 20.050 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

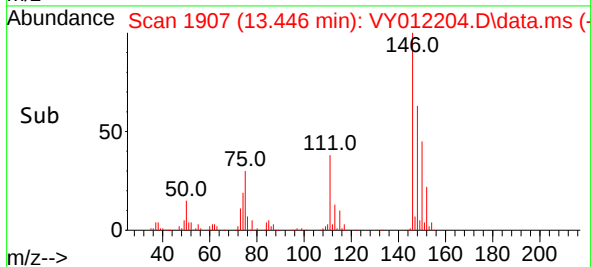
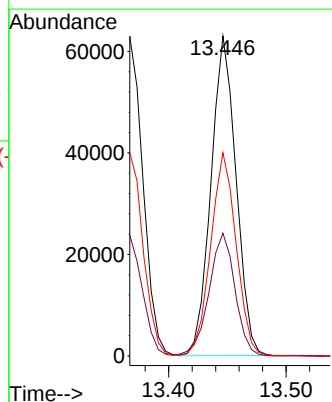
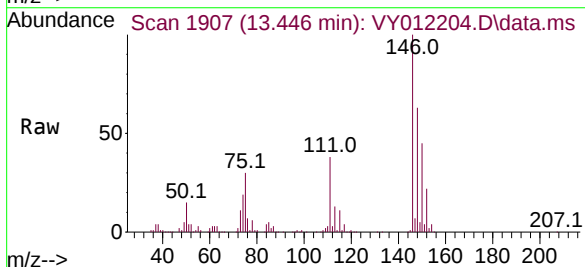
Tgt Ion:146 Resp: 93552

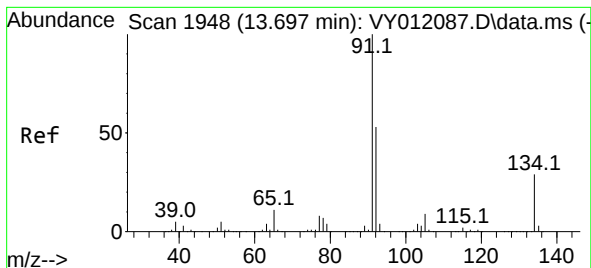
Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.7

148 64.5 31.9 95.7





#89

n-Butylbenzene

Concen: 20.616 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0116SBS01

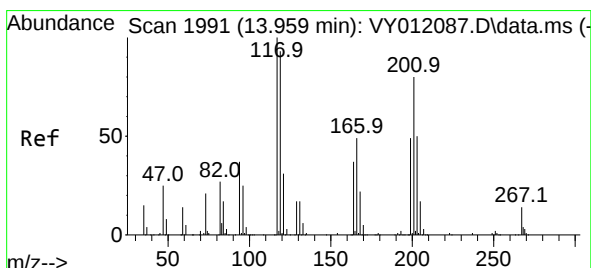
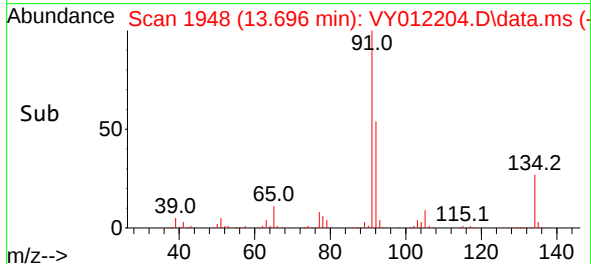
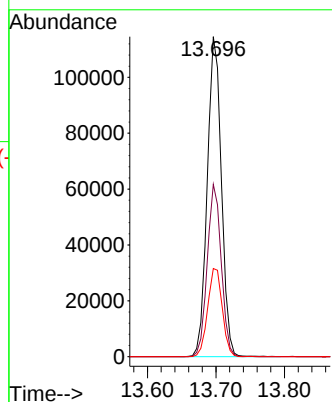
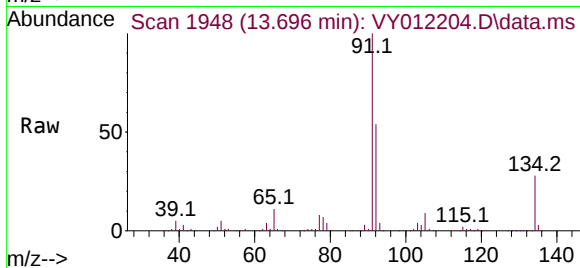
Tgt Ion: 91 Resp: 164618

Ion Ratio Lower Upper

91 100

92 53.2 26.8 80.4

134 28.4 13.3 39.8



#90

Hexachloroethane

Concen: 20.517 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. 0.005 min

Lab File: VY012204.D

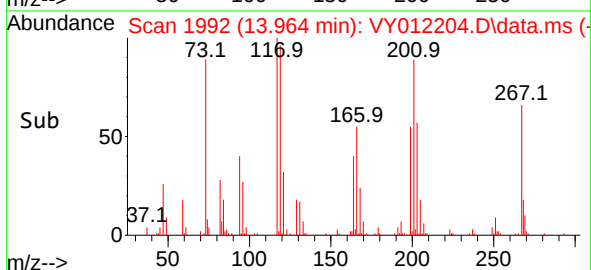
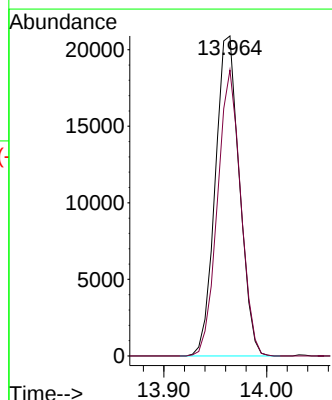
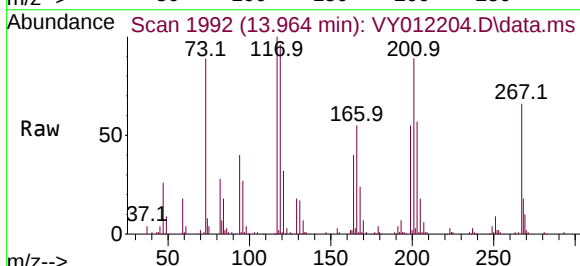
Acq: 16 Jan 2023 17:08

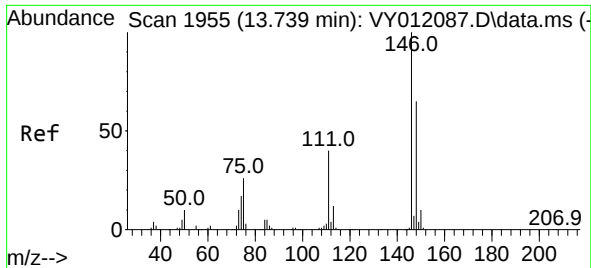
Tgt Ion: 117 Resp: 34127

Ion Ratio Lower Upper

117 100

201 85.6 40.3 120.8

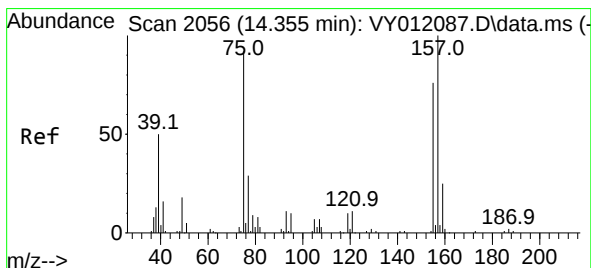
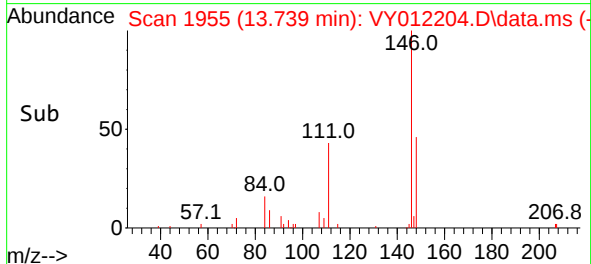
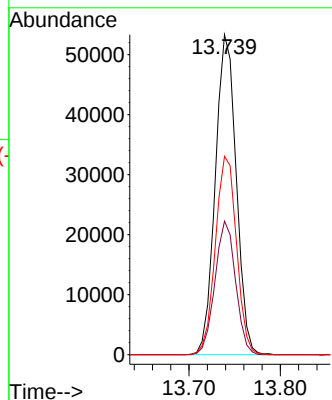
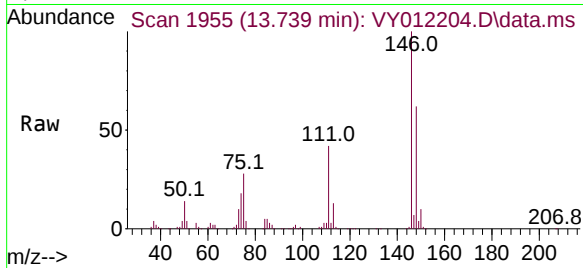




#91
1,2-Dichlorobenzene
Concen: 20.300 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

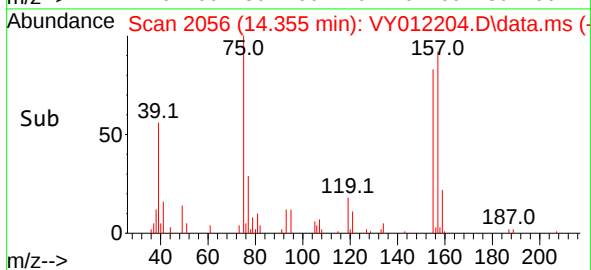
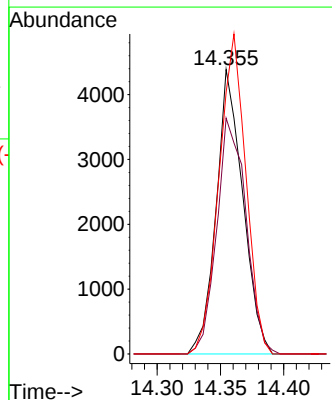
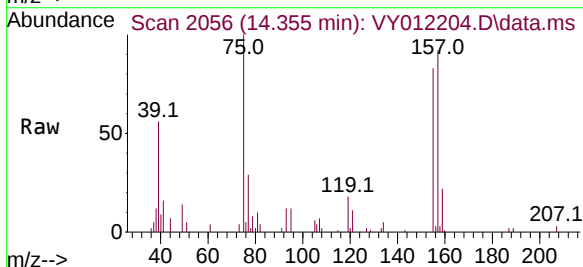
Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBS01

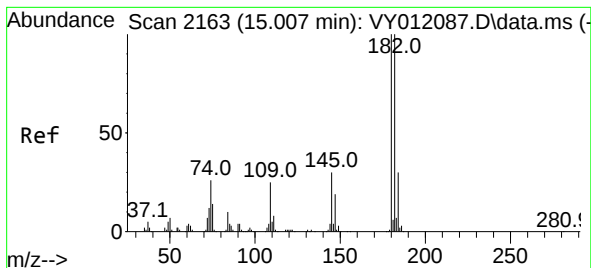
Tgt Ion:146	Resp:	84747
Ion Ratio	Lower	Upper
146	100	
111	41.2	20.3 60.8
148	62.7	31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.171 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012204.D
Acq: 16 Jan 2023 17:08

Tgt Ion: 75	Resp:	6419
Ion Ratio	Lower	Upper
75	100	
155	90.8	42.3 126.8
157	113.9	54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 19.826 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0116SBS01

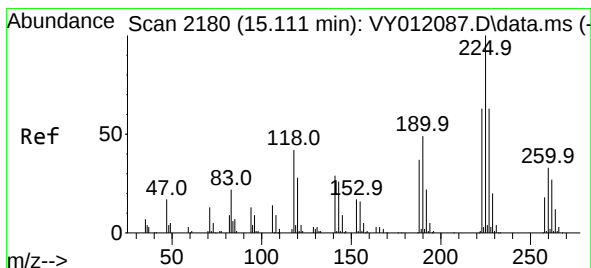
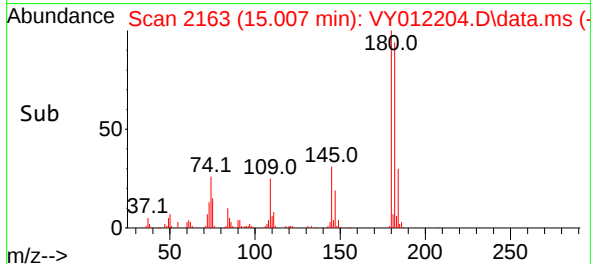
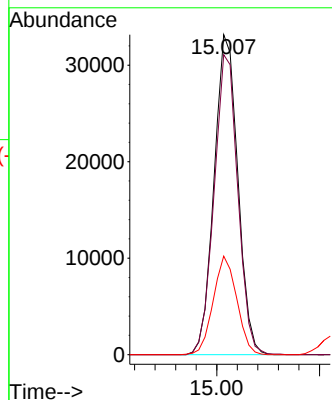
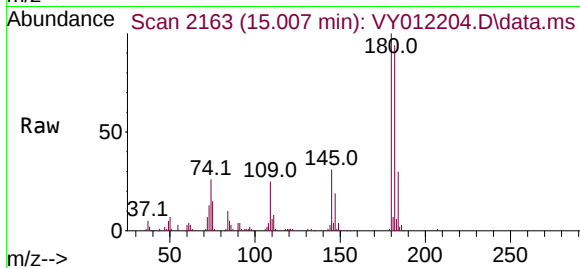
Tgt Ion:180 Resp: 53033

Ion Ratio Lower Upper

180 100

182 93.7 48.1 144.3

145 30.6 15.4 46.4



#94

Hexachlorobutadiene

Concen: 20.869 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

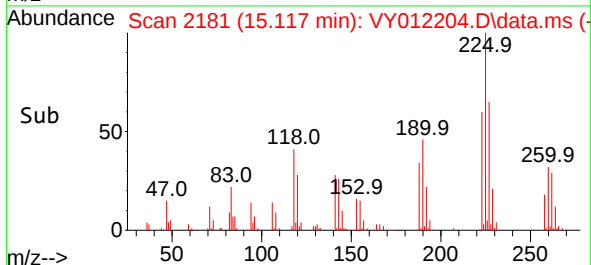
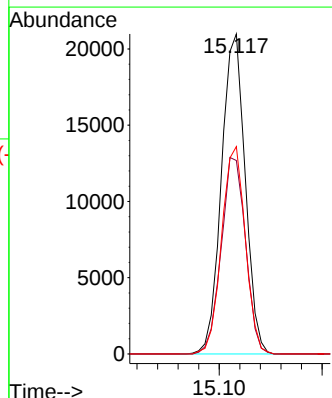
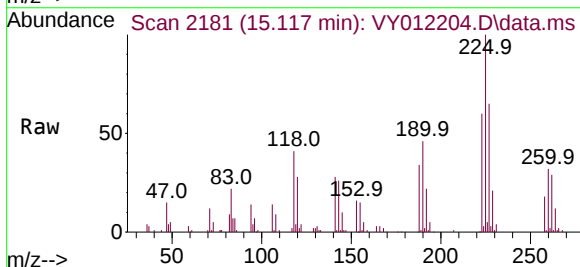
Tgt Ion:225 Resp: 33609

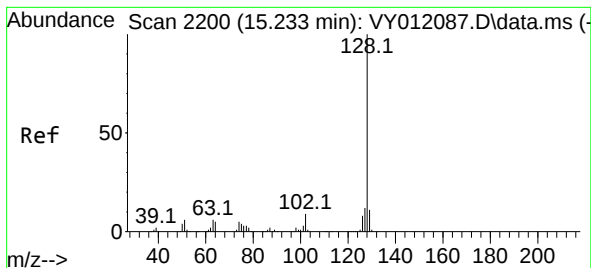
Ion Ratio Lower Upper

225 100

223 62.9 31.4 94.2

227 64.7 32.6 97.8





#95

Naphthalene

Concen: 19.234 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.005 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0116SBS01

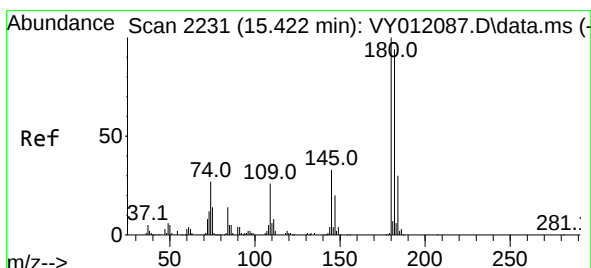
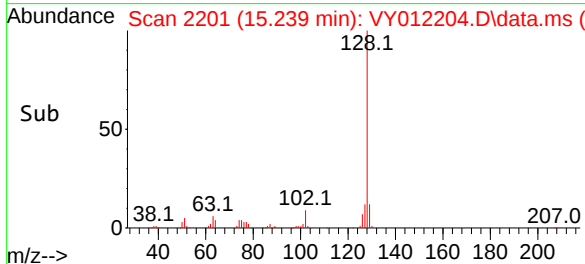
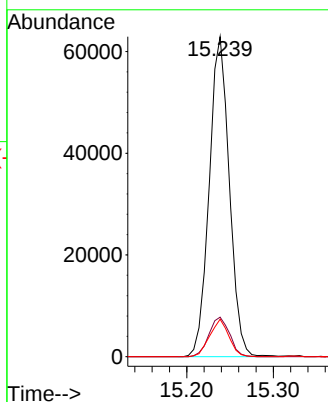
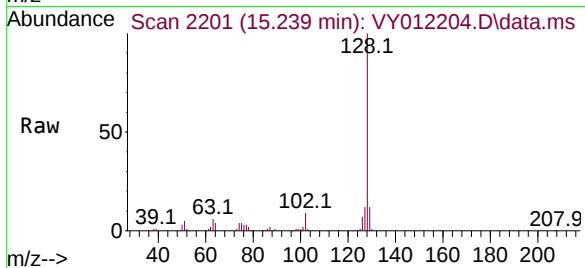
Tgt Ion:128 Resp: 101552

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.862 ug/l

RT: 15.427 min Scan# 2232

Delta R.T. 0.005 min

Lab File: VY012204.D

Acq: 16 Jan 2023 17:08

Tgt Ion:180 Resp: 45719

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.7

145 32.1 16.1 48.2

