

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012758.D
 Acq On : 02 Mar 2023 14:10
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 03 01:03:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 00:58:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	127255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	194223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	168484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79887	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	178219	141.054	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	282.100%#
35) Dibromofluoromethane	7.715	113	166851	142.348	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	284.700%#
50) Toluene-d8	10.178	98	605833	141.382	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	282.760%#
62) 4-Bromofluorobenzene	12.483	95	205627	142.172	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	284.340%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.905	85	173172	138.064	ug/l	98
3) Chloromethane	2.113	50	195126	130.128	ug/l	99
4) Vinyl Chloride	2.253	62	190823	138.777	ug/l	98
5) Bromomethane	2.625	94	110789	132.600	ug/l	93
6) Chloroethane	2.783	64	110805	134.555	ug/l	100
7) Trichlorofluoromethane	3.119	101	319200	139.770	ug/l	100
8) Diethyl Ether	3.527	74	114885	143.551	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	193194	140.607	ug/l	99
10) Methyl Iodide	4.088	142	267679	149.518	ug/l	99
11) Tert butyl alcohol	4.954	59	104441	759.892	ug/l	100
12) 1,1-Dichloroethene	3.869	96	189033	144.252	ug/l	96
13) Acrolein	3.728	56	164885	744.872	ug/l	100
14) Allyl chloride	4.478	41	362056	149.573	ug/l	99
15) Acrylonitrile	5.155	53	306688	727.296	ug/l	99
16) Acetone	3.942	43	371888	749.889	ug/l	98
17) Carbon Disulfide	4.192	76	629820	141.199	ug/l	100
18) Methyl Acetate	4.472	43	218310	147.822	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	510364	150.781	ug/l	99
20) Methylene Chloride	4.710	84	208463	148.316	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	200358	140.695	ug/l	99
22) Diisopropyl ether	6.118	45	633757	144.147	ug/l	97
23) Vinyl Acetate	6.057	43	2055488	752.435	ug/l	99
24) 1,1-Dichloroethane	6.014	63	358805	143.218	ug/l	98
25) 2-Butanone	6.984	43	458867	747.044	ug/l	97
26) 2,2-Dichloropropane	6.978	77	316527	142.252	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	222823	145.944	ug/l	99
28) Bromochloromethane	7.331	49	133121	145.400	ug/l	98
29) Tetrahydrofuran	7.343	42	277659	749.492	ug/l	99
30) Chloroform	7.502	83	351463	142.026	ug/l	99
31) Cyclohexane	7.782	56	339882	140.460	ug/l	96
32) 1,1,1-Trichloroethane	7.703	97	325299	145.359	ug/l	99
36) 1,1-Dichloropropene	7.917	75	288001	146.622	ug/l	100
37) Ethyl Acetate	7.075	43	183365	148.111	ug/l	98
38) Carbon Tetrachloride	7.898	117	300418	148.107	ug/l	100
39) Methylcyclohexane	9.185	83	359356	153.884	ug/l	97
40) Benzene	8.160	78	804880	144.859	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.343	41	257044	396.012	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	246619	147.633	ug/l	100
43) Isopropyl Acetate	8.270	43	344355	155.901	ug/l	99
44) Trichloroethene	8.941	130	213342	145.633	ug/l	95
45) 1,2-Dichloropropane	9.215	63	204578	145.688	ug/l	95
46) Dibromomethane	9.307	93	114981	143.728	ug/l	99
47) Bromodichloromethane	9.496	83	274431	145.571	ug/l	97
48) Methyl methacrylate	9.288	41	165394	162.509	ug/l	98
49) 1,4-Dioxane	9.300	88	32455	3138.222	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	916361	764.825	ug/l	99
52) Toluene	10.245	92	490740	146.450	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	301621	152.535	ug/l	98
54) cis-1,3-Dichloropropene	9.928	75	335158	149.748	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	156205	140.207	ug/l	98
56) Ethyl methacrylate	10.508	69	237191	159.667	ug/l	98
57) 1,3-Dichloropropane	10.788	76	276861	145.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	602944	773.160	ug/l	99
59) 2-Hexanone	10.831	43	675776	776.057	ug/l	99
60) Dibromochloromethane	10.983	129	194614	143.502	ug/l	100
61) 1,2-Dibromoethane	11.087	107	153962	143.460	ug/l	100
64) Tetrachloroethene	10.721	164	179296	146.163	ug/l	99
65) Chlorobenzene	11.520	112	515093	145.668	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	191060	146.019	ug/l	99
67) Ethyl Benzene	11.593	91	946680	152.274	ug/l	99
68) m/p-Xylenes	11.702	106	719090	300.668	ug/l	99
69) o-Xylene	12.032	106	339450	152.077	ug/l	99
70) Styrene	12.044	104	566644	152.125	ug/l	99
71) Bromoform	12.208	173	123878	145.206	ug/l #	98
73) Isopropylbenzene	12.330	105	887141	156.693	ug/l	100
74) N-amyl acetate	12.141	43	293626	164.832	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.580	83	186741	146.728	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	251202	263.320	ug/l #	100
77) Bromobenzene	12.611	156	206859	150.399	ug/l	99
78) n-propylbenzene	12.672	91	1084821	155.414	ug/l	100
79) 2-Chlorotoluene	12.757	91	596402	153.733	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	723448	154.836	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	70891	153.974	ug/l	97
82) 4-Chlorotoluene	12.855	91	608119	151.429	ug/l	99
83) tert-Butylbenzene	13.074	119	622476	154.353	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	708733	155.122	ug/l	99
85) sec-Butylbenzene	13.257	105	934885	151.957	ug/l	99
86) p-Isopropyltoluene	13.367	119	767045	152.548	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	389501	146.832	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	392461	144.961	ug/l	99
89) n-Butylbenzene	13.696	91	739841	153.698	ug/l	100
90) Hexachloroethane	13.958	117	154564	147.588	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	349315	145.673	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	32294	157.006	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	230400	156.053	ug/l	98
94) Hexachlorobutadiene	15.110	225	129376	143.671	ug/l	99
95) Naphthalene	15.238	128	508876	171.997	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	203379	154.886	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Mar 03 00:58:32 2023
Response via : Initial Calibration

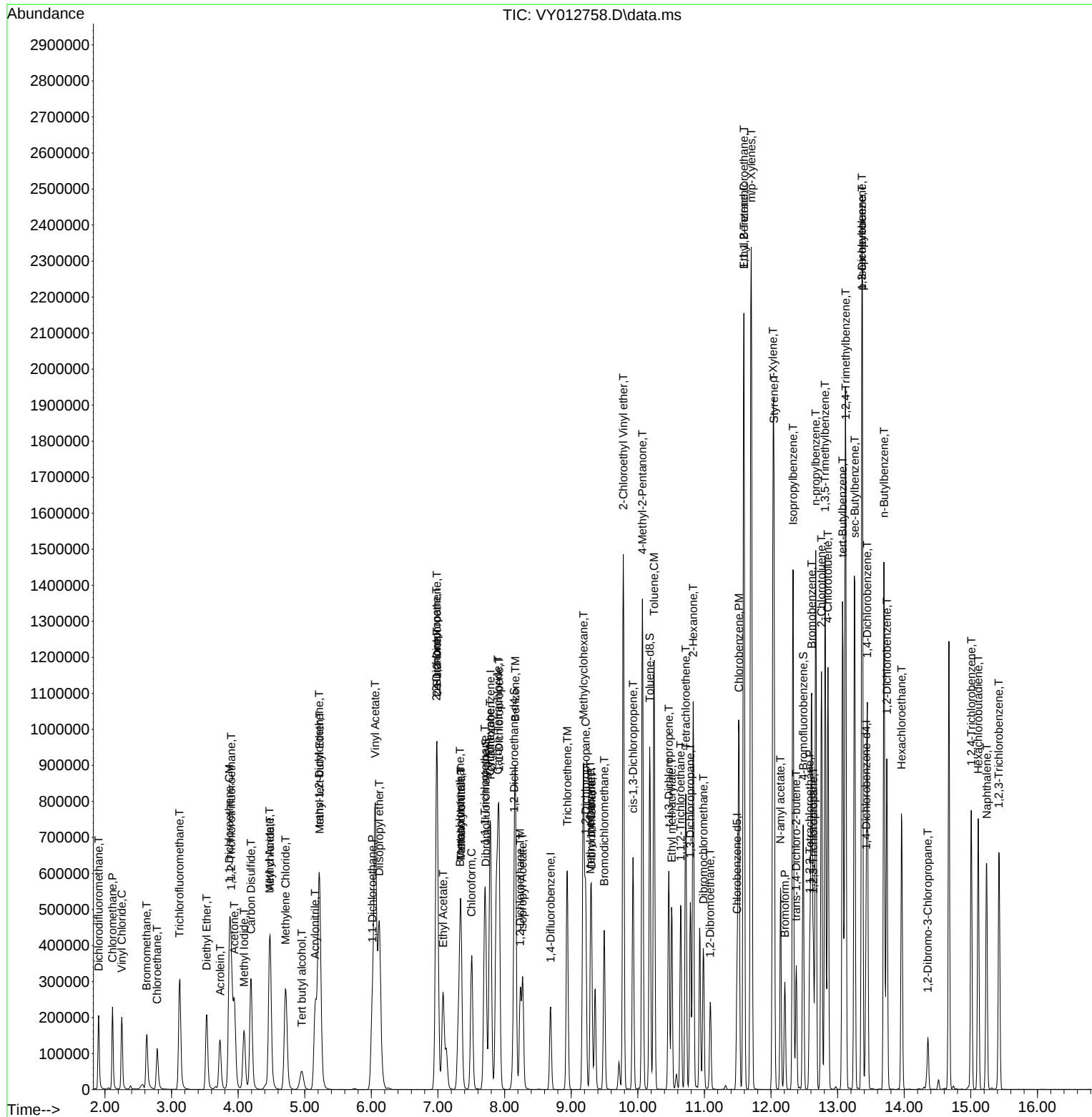
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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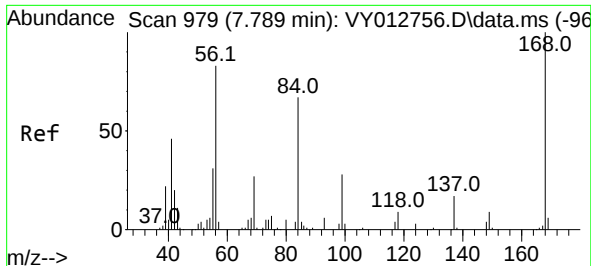
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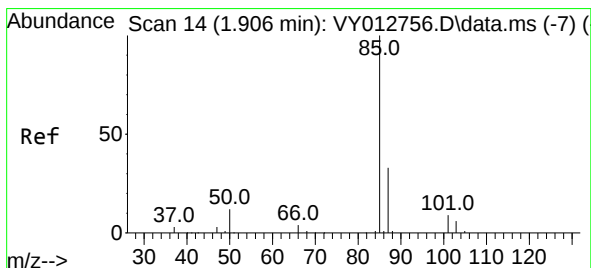
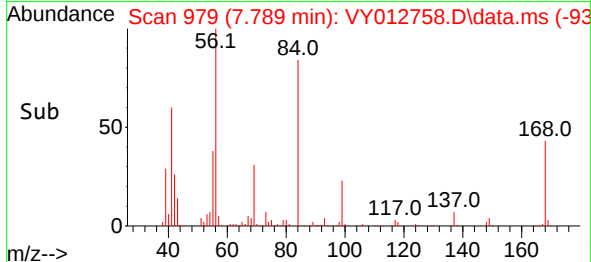
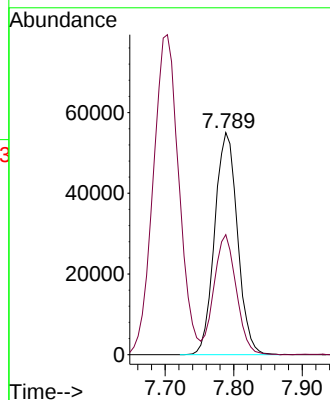
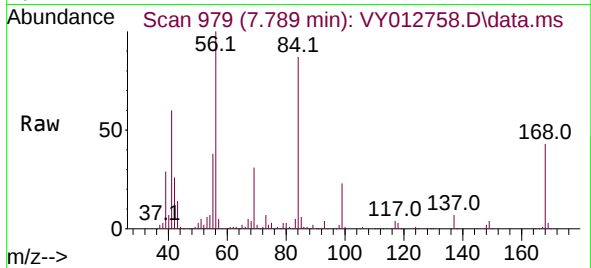




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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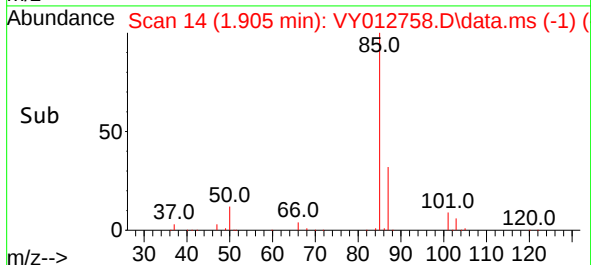
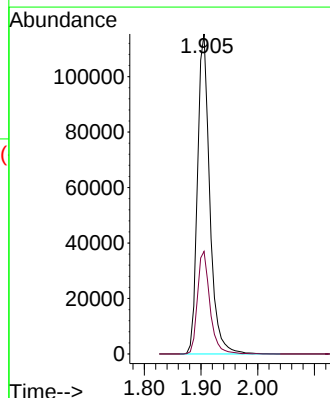
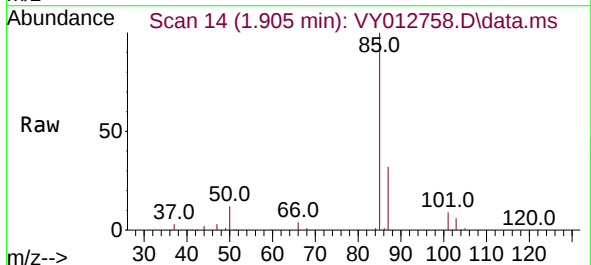
Instrument :
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ClientSampleId :
VSTDIC150

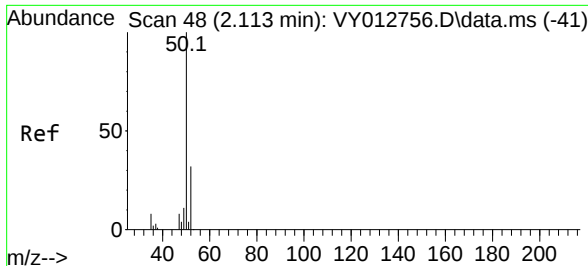
Tgt Ion:168 Resp: 127255
Ion Ratio Lower Upper
168 100
99 54.0 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 138.064 ug/l
RT: 1.905 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion: 85 Resp: 173172
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.0

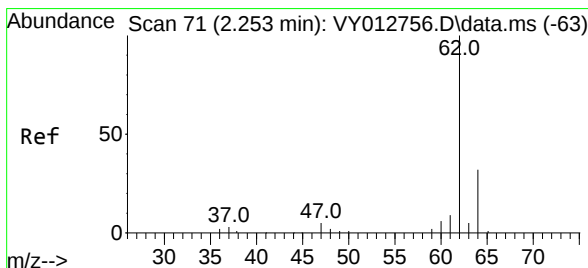
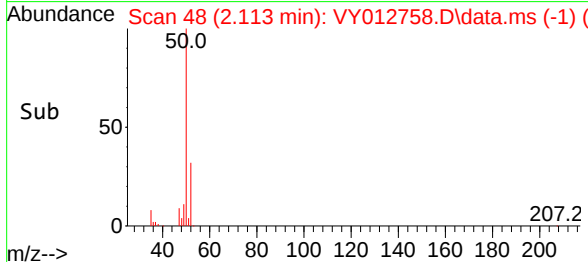
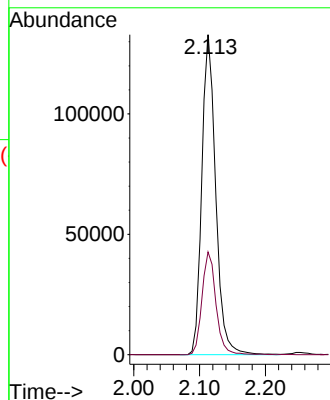
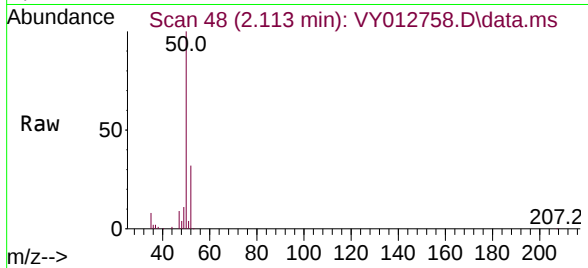




#3
Chloromethane
Concen: 130.128 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

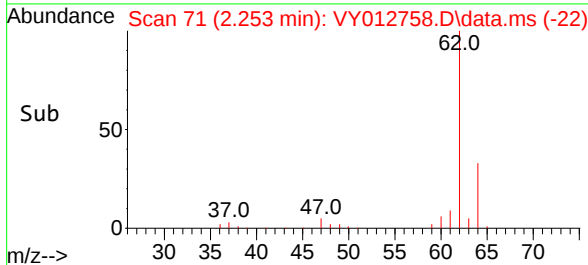
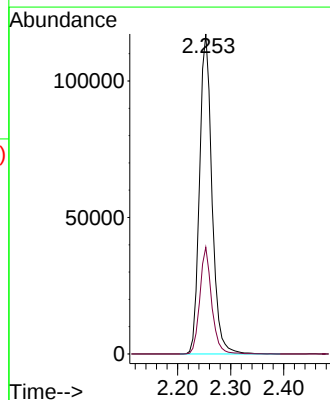
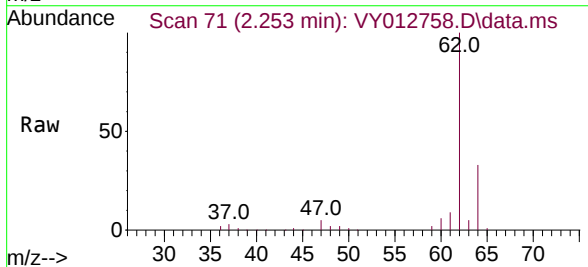
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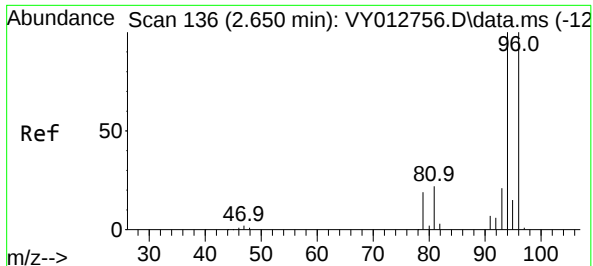
Tgt Ion: 50 Resp: 195126
Ion Ratio Lower Upper
50 100
52 32.1 26.0 39.0



#4
Vinyl Chloride
Concen: 138.777 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion: 62 Resp: 190823
Ion Ratio Lower Upper
62 100
64 33.3 25.6 38.4

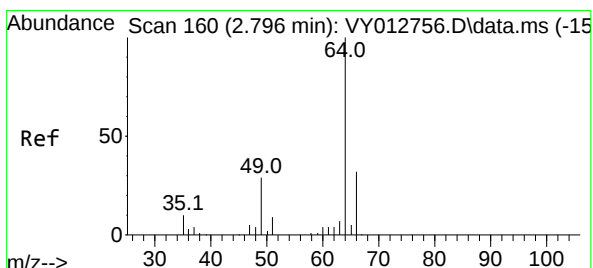
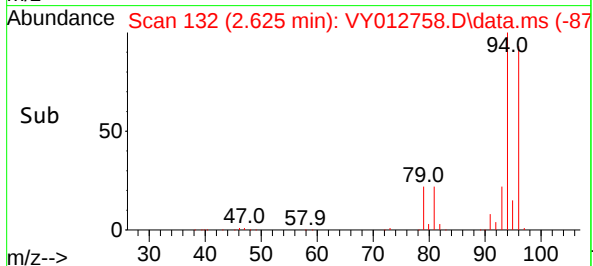
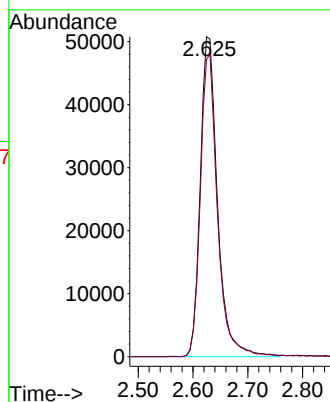
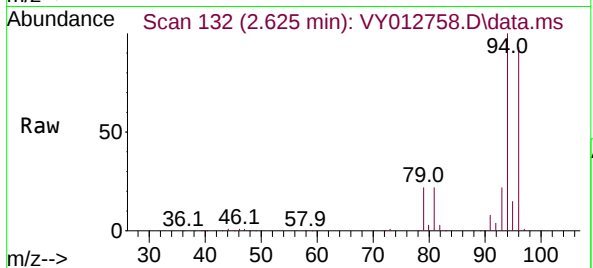




#5
Bromomethane
Concen: 132.600 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.025 min
Lab File: VY012758.D
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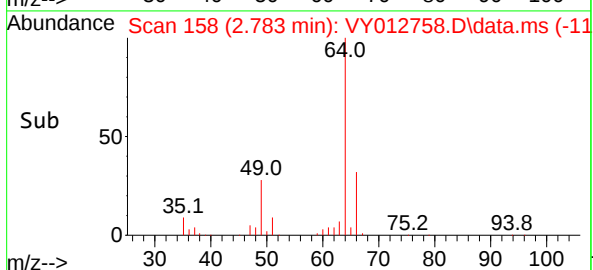
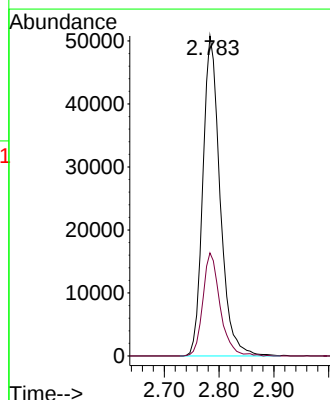
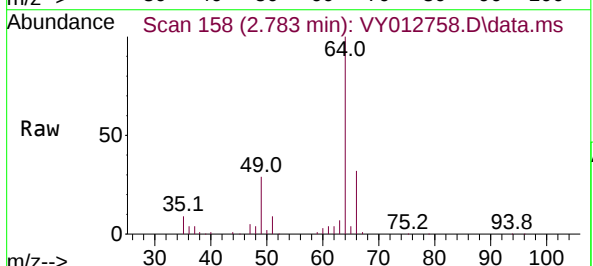
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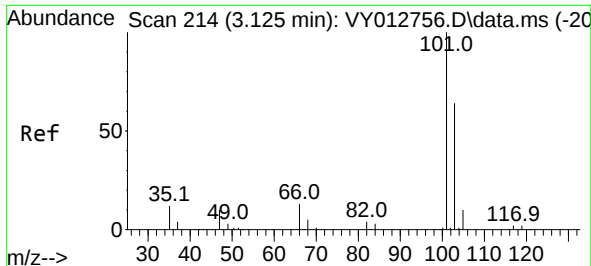
Tgt Ion: 94 Resp: 110789
Ion Ratio Lower Upper
94 100
96 92.9 80.3 120.5



#6
Chloroethane
Concen: 134.555 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.013 min
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Tgt Ion: 64 Resp: 110805
Ion Ratio Lower Upper
64 100
66 32.2 25.7 38.5

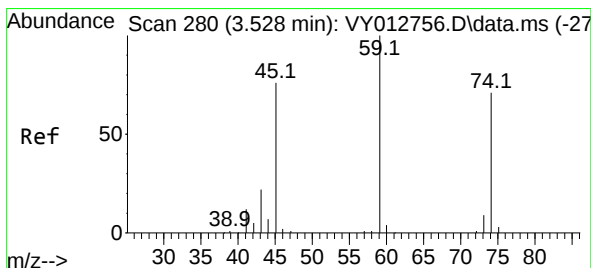
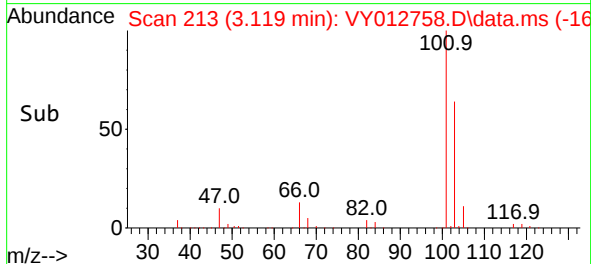
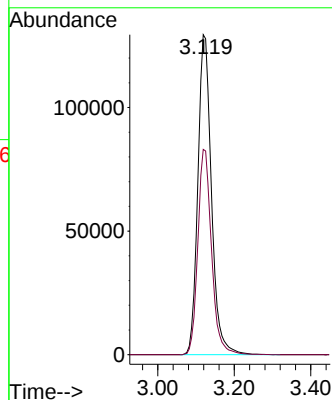
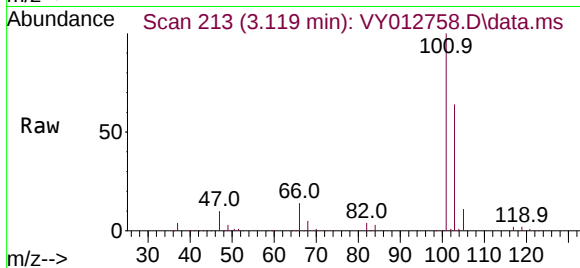




#7
 Trichlorofluoromethane
 Concen: 139.770 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.007 min
 Lab File: VY012758.D
 Acq: 02 Mar 2023 14:10

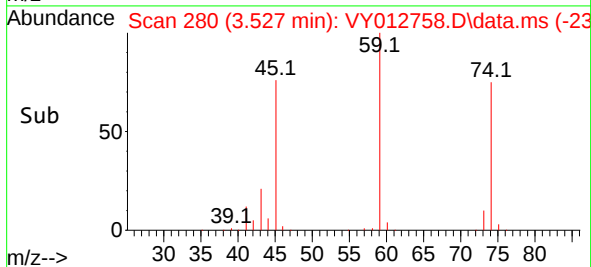
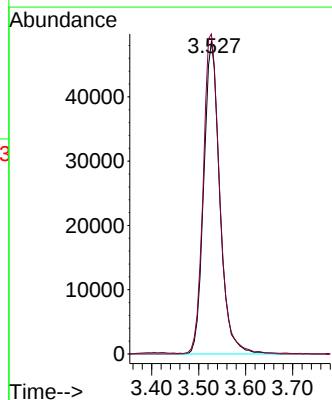
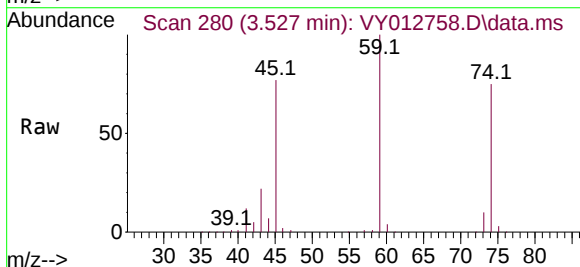
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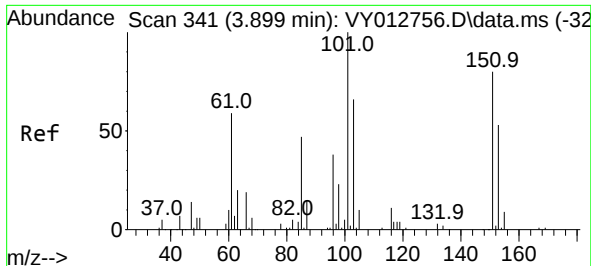
Tgt Ion:101 Resp: 319200
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.5 77.3



#8
 Diethyl Ether
 Concen: 143.551 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 114885
 Ion Ratio Lower Upper
 74 100
 45 104.9 52.1 156.4

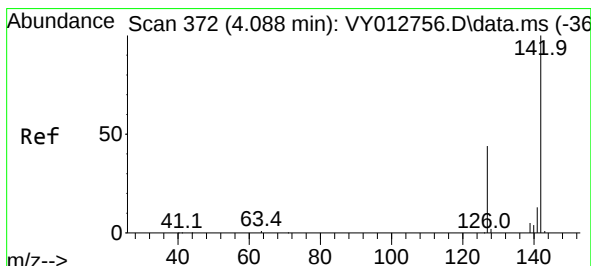
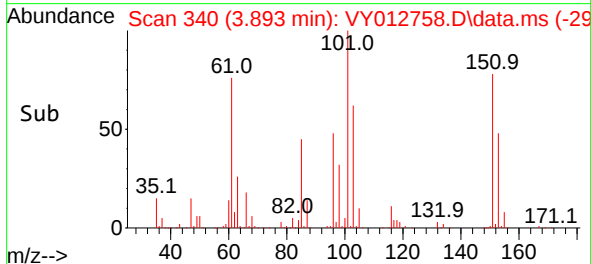
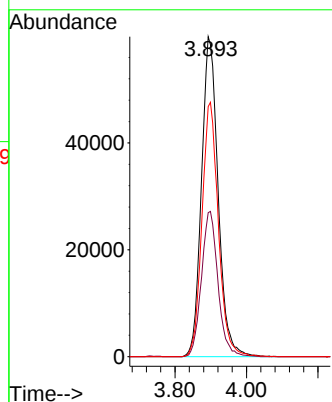
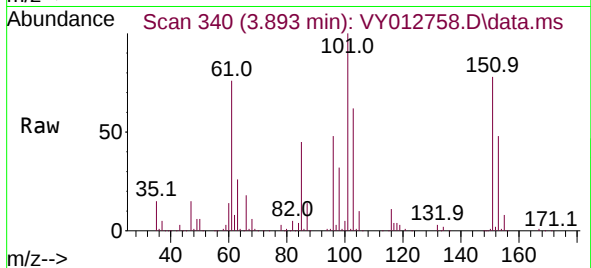




#9
1,1,2-Trichlorotrifluoroethane
Concen: 140.607 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.007 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

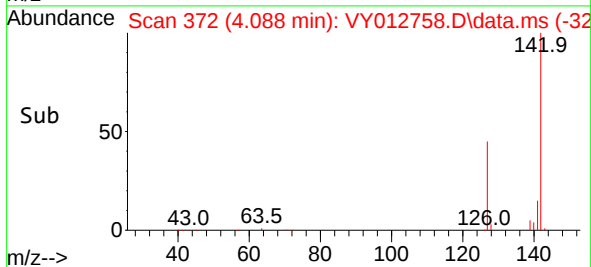
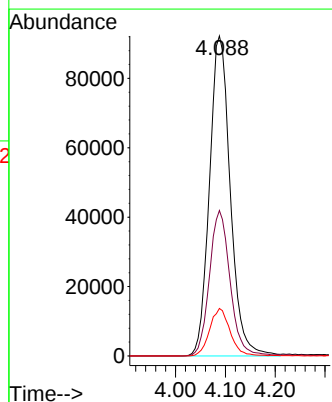
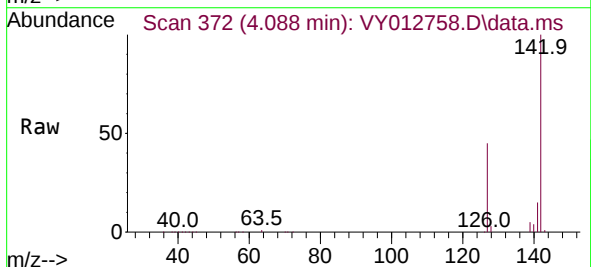
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

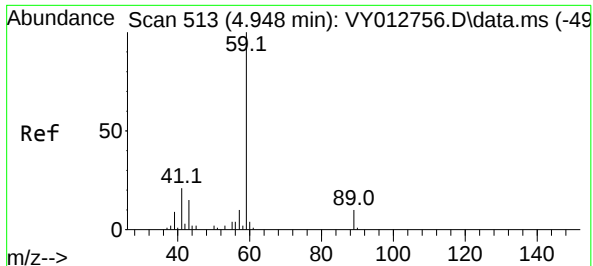
Tgt Ion:101 Resp: 193194
Ion Ratio Lower Upper
101 100
85 45.2 35.3 52.9
151 78.5 63.1 94.7



#10
Methyl Iodide
Concen: 149.518 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion:142 Resp: 267679
Ion Ratio Lower Upper
142 100
127 45.0 35.4 53.2
141 14.5 11.3 16.9

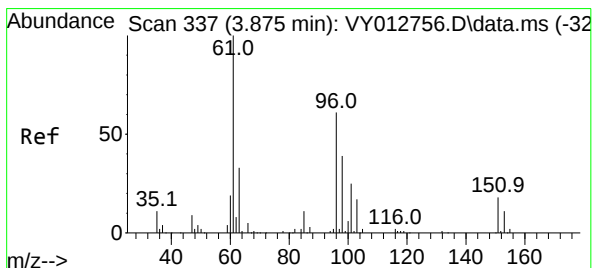
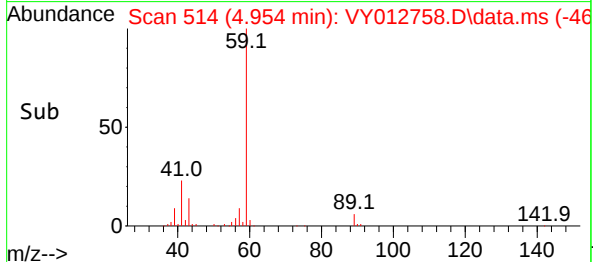
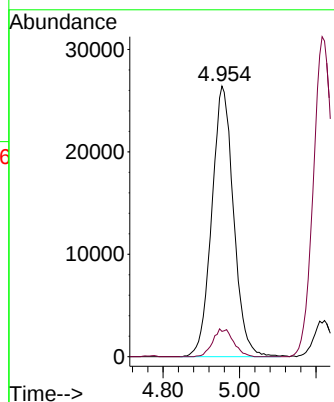
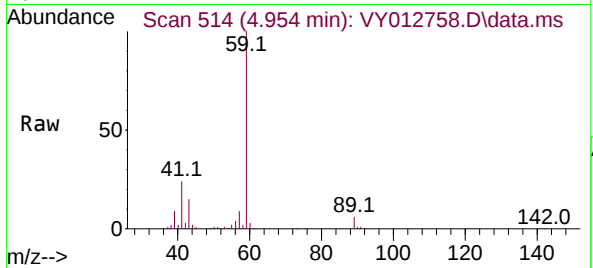




#11
Tert butyl alcohol
Concen: 759.892 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

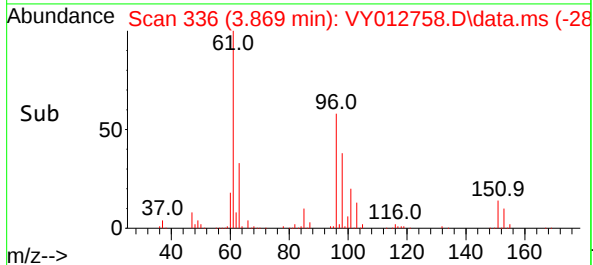
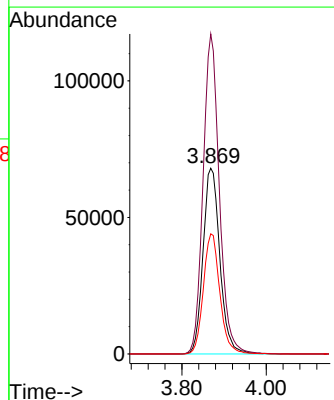
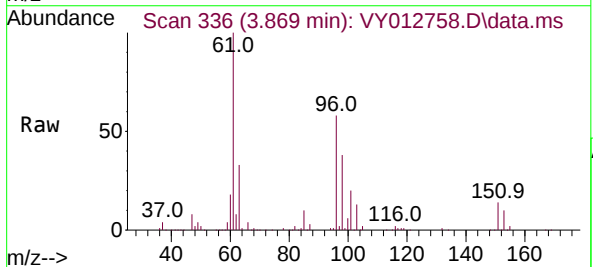
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

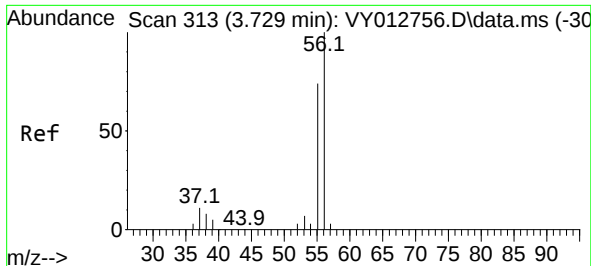
Tgt Ion: 59 Resp: 104441
Ion Ratio Lower Upper
59 100
57 9.7 7.7 11.5



#12
1,1-Dichloroethene
Concen: 144.252 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.007 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion: 96 Resp: 189033
Ion Ratio Lower Upper
96 100
61 172.2 131.7 197.5
98 64.6 52.0 78.0

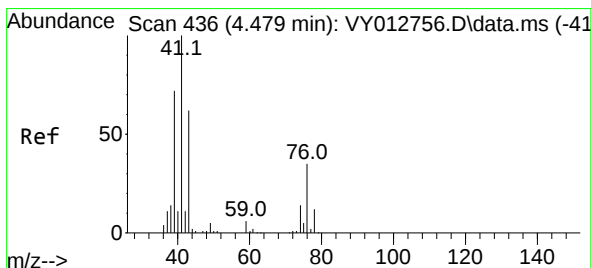
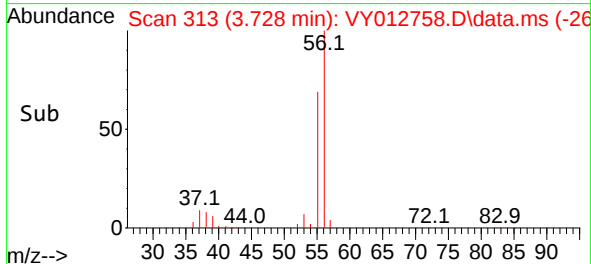
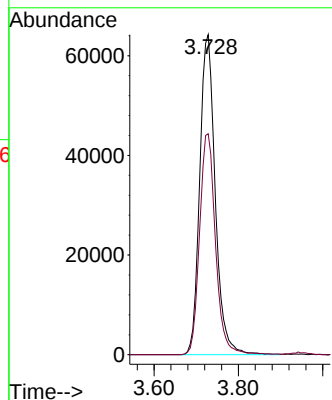
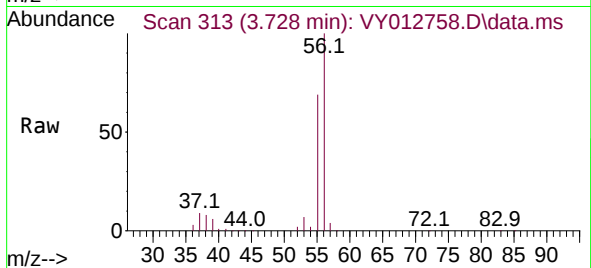




#13
Acrolein
Concen: 744.872 ug/l
RT: 3.728 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

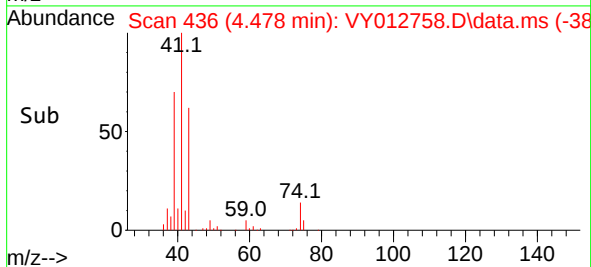
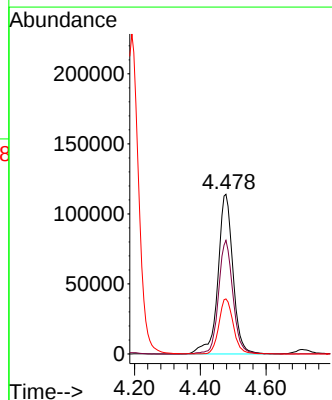
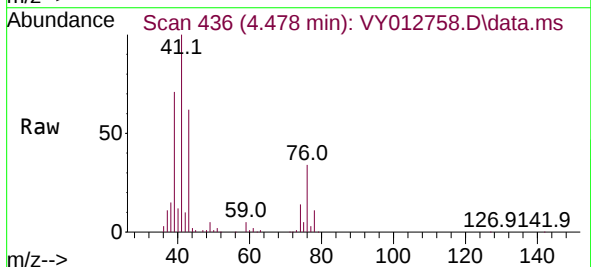
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

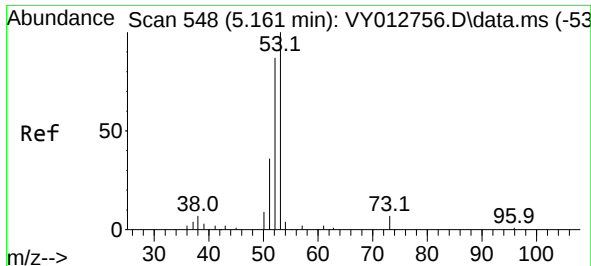
Tgt Ion: 56 Resp: 164885
Ion Ratio Lower Upper
56 100
55 71.0 56.8 85.2



#14
Allyl chloride
Concen: 149.573 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion: 41 Resp: 362056
Ion Ratio Lower Upper
41 100
39 68.0 53.6 80.4
76 33.0 27.2 40.8

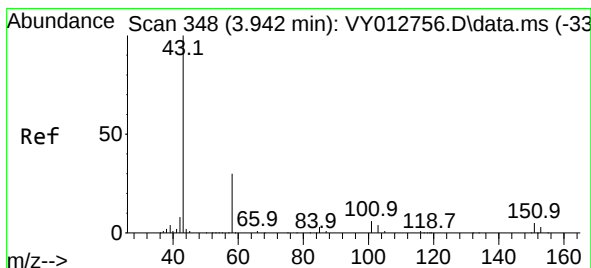
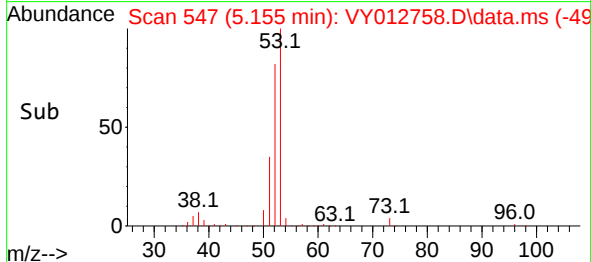
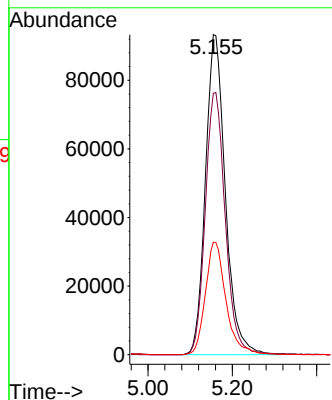
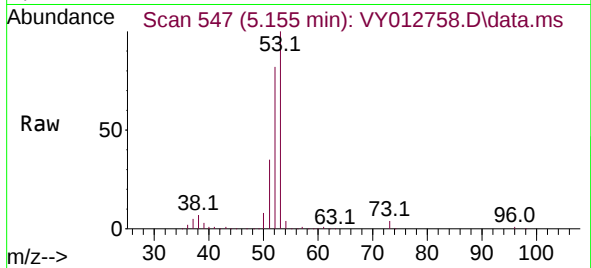




#15
Acrylonitrile
Concen: 727.296 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.007 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

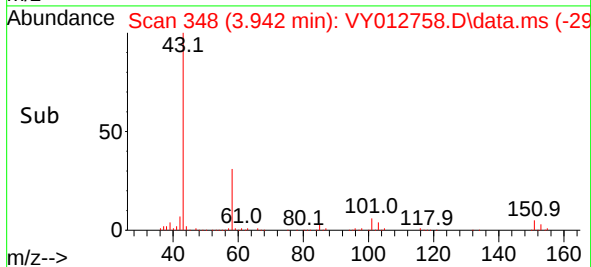
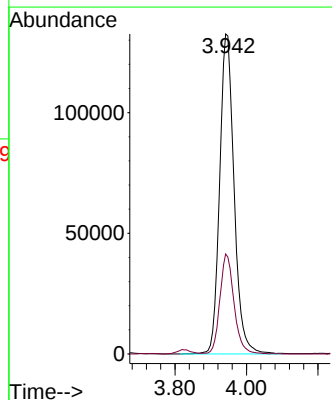
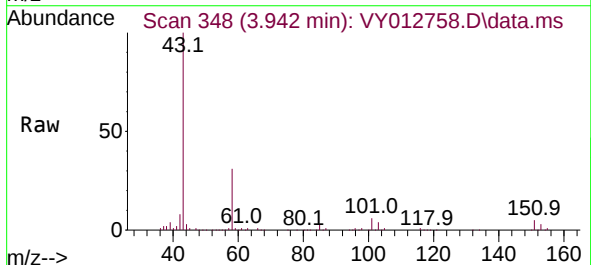
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

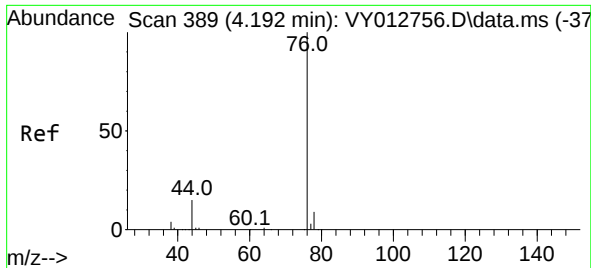
Tgt Ion: 53 Resp: 306688
Ion Ratio Lower Upper
53 100
52 82.4 66.3 99.5
51 36.4 28.8 43.2



#16
Acetone
Concen: 749.889 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion: 43 Resp: 371888
Ion Ratio Lower Upper
43 100
58 31.2 24.2 36.2

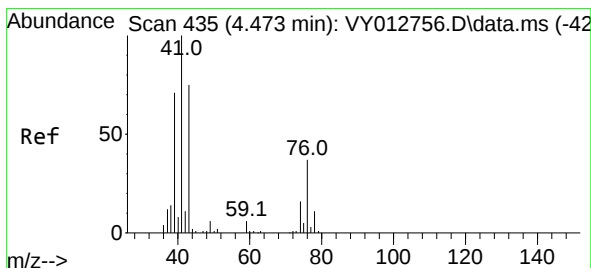
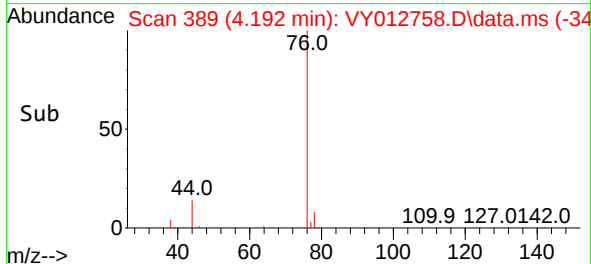
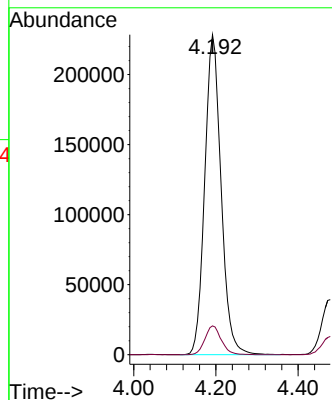
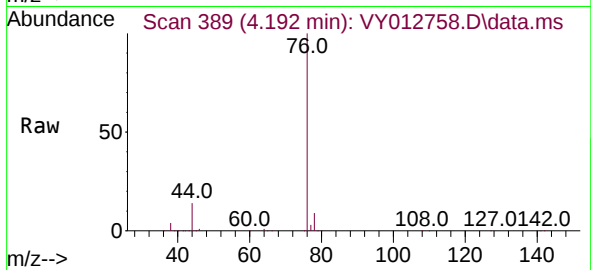




#17
Carbon Disulfide
Concen: 141.199 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

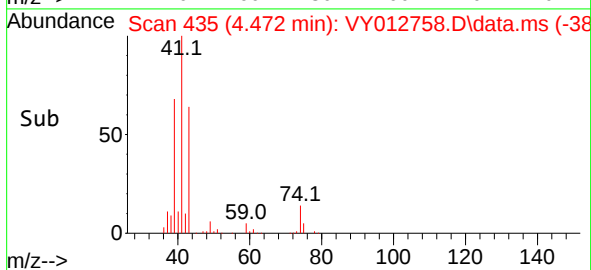
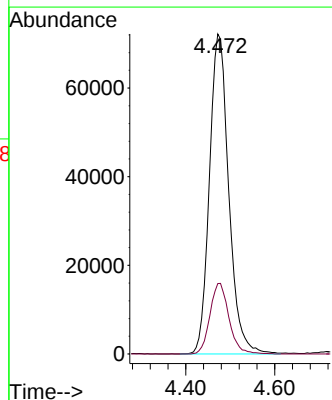
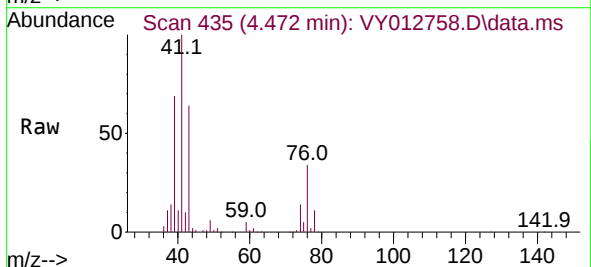
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

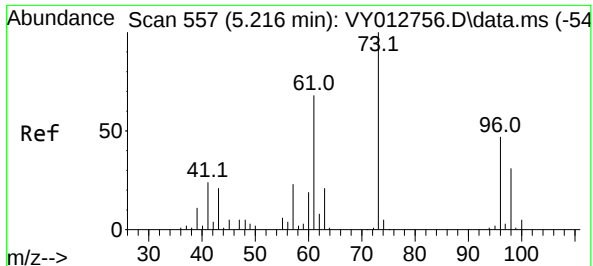
Tgt Ion: 76 Resp: 629820
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 147.822 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion: 43 Resp: 218310
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 150.781 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

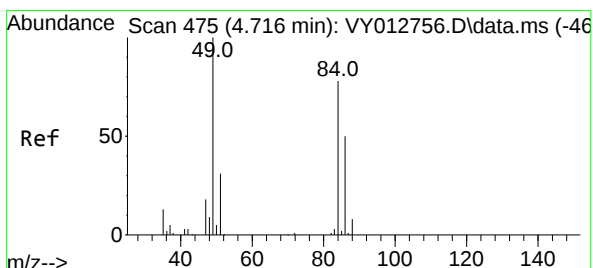
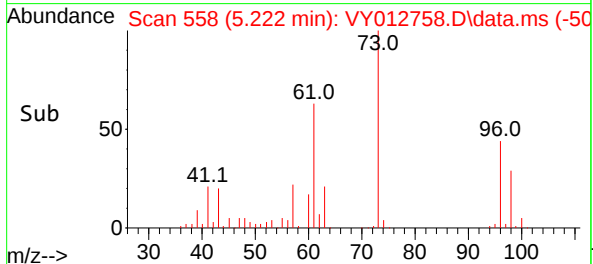
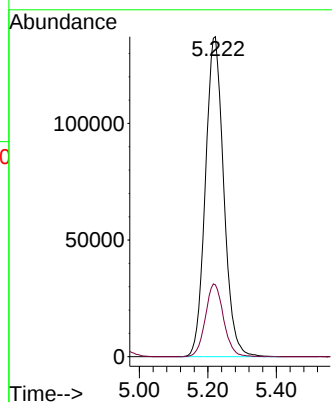
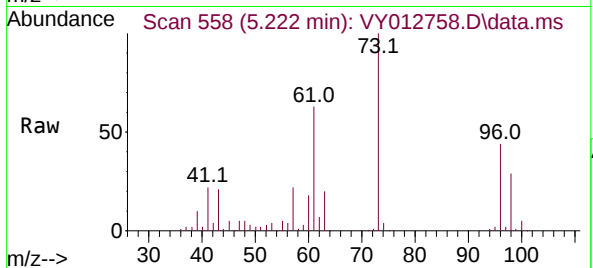
VSTDIC150

Tgt Ion: 73 Resp: 510364

Ion Ratio Lower Upper

73 100

57 22.5 18.3 27.5



#20

Methylene Chloride

Concen: 148.316 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Tgt Ion: 84 Resp: 208463

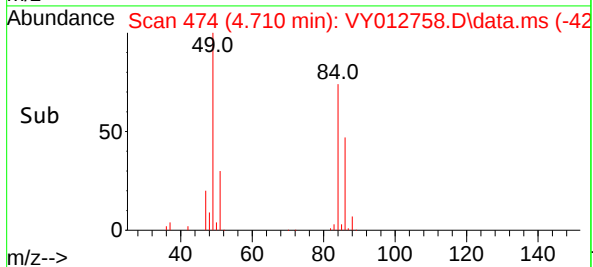
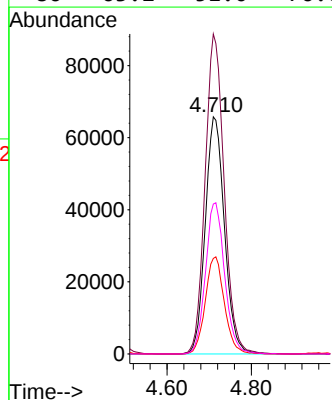
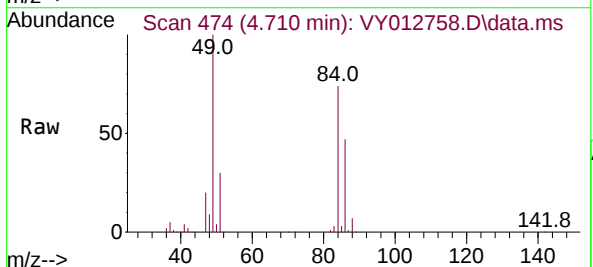
Ion Ratio Lower Upper

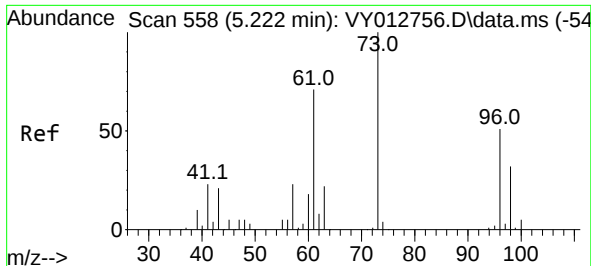
84 100

49 134.9 102.6 154.0

51 40.3 31.9 47.9

86 63.2 51.0 76.6

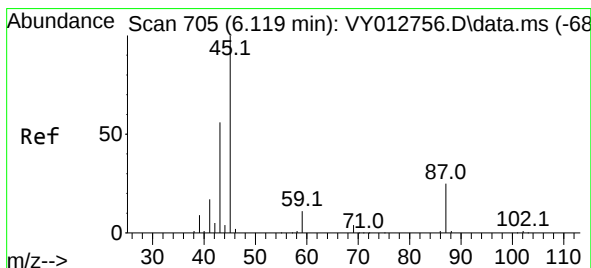
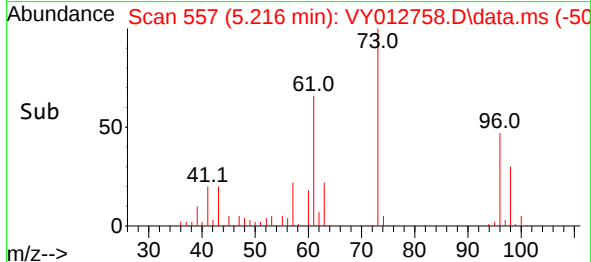
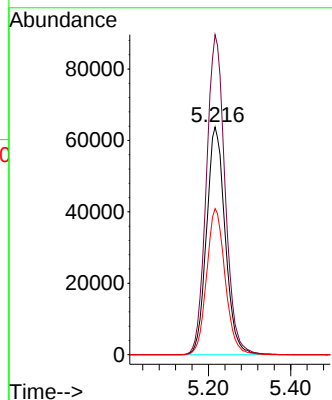
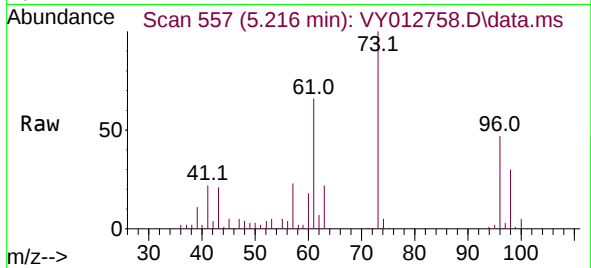




#21
trans-1,2-Dichloroethene
Concen: 140.695 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.007 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

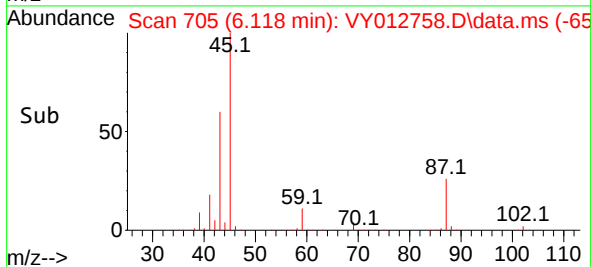
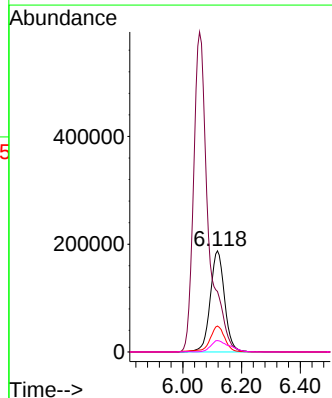
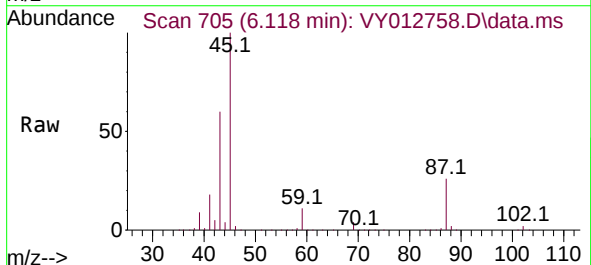
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 200358
Ion Ratio Lower Upper
96 100
61 140.5 111.4 167.0
98 64.1 50.8 76.2



#22
Diisopropyl ether
Concen: 144.147 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion: 45 Resp: 633757
Ion Ratio Lower Upper
45 100
43 59.7 45.0 67.6
87 25.6 20.3 30.5
59 11.2 8.8 13.2

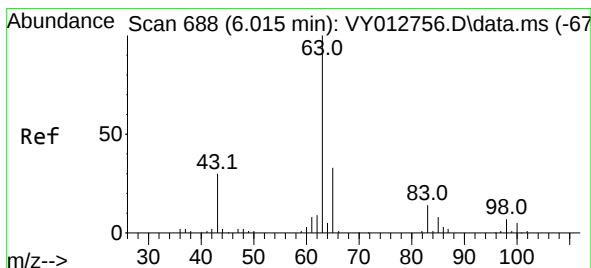
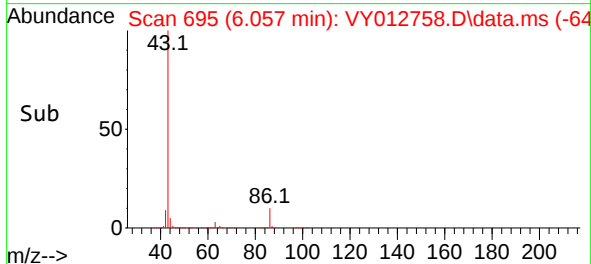
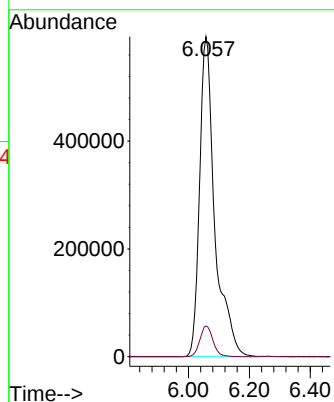
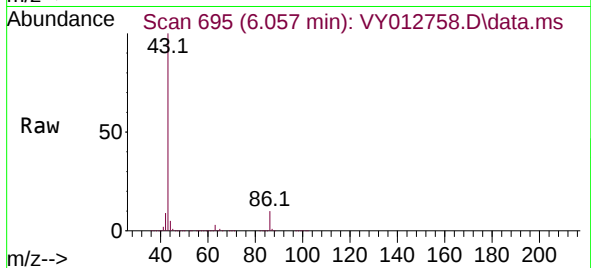




#23
 Vinyl Acetate
 Concen: 752.435 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012758.D
 Acq: 02 Mar 2023 14:10

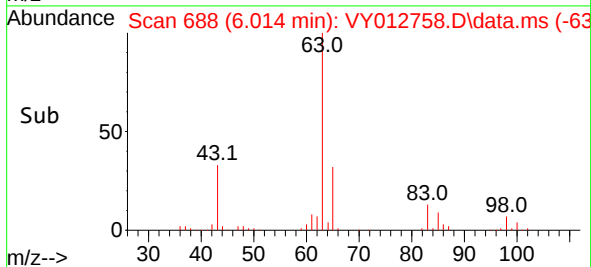
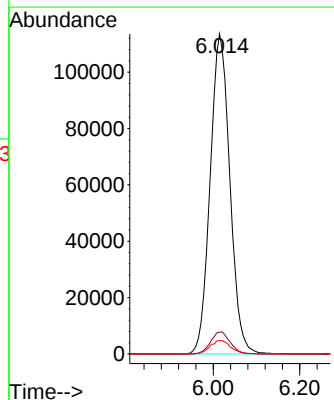
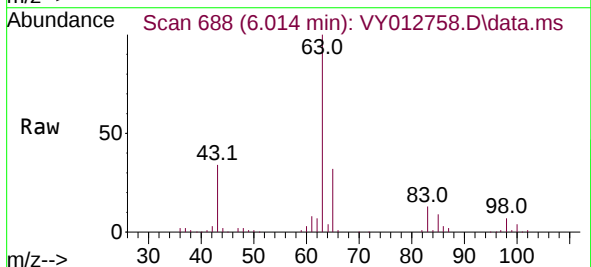
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

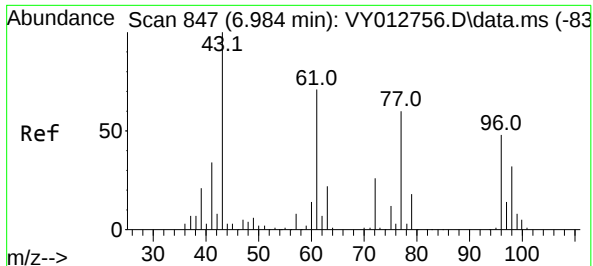
Tgt Ion: 43 Resp: 2055488
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 143.218 ug/l
 RT: 6.014 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012758.D
 Acq: 02 Mar 2023 14:10

Tgt Ion: 63 Resp: 358805
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.7 11.1
 100 4.1 2.3 6.8





#25

2-Butanone

Concen: 747.044 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

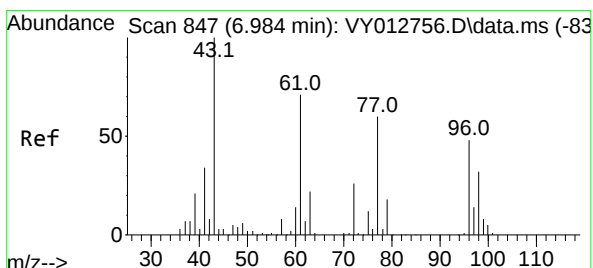
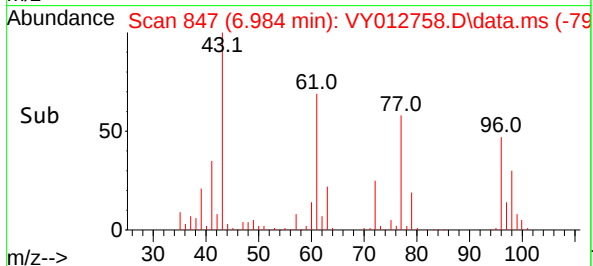
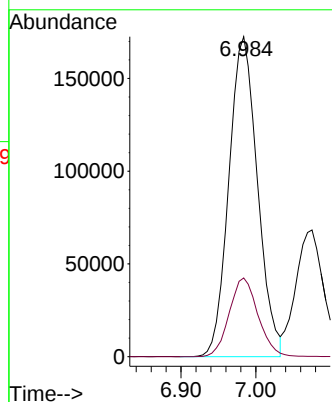
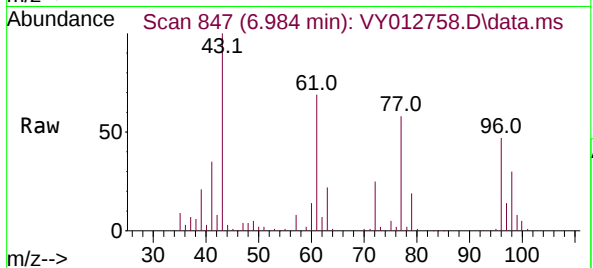
VSTDICC150

Tgt Ion: 43 Resp: 458867

Ion Ratio Lower Upper

43 100

72 24.6 21.0 31.4



#26

2,2-Dichloropropane

Concen: 142.252 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.007 min

Lab File: VY012758.D

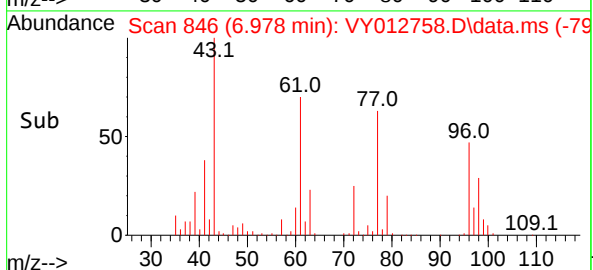
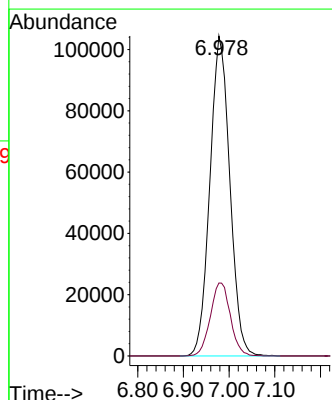
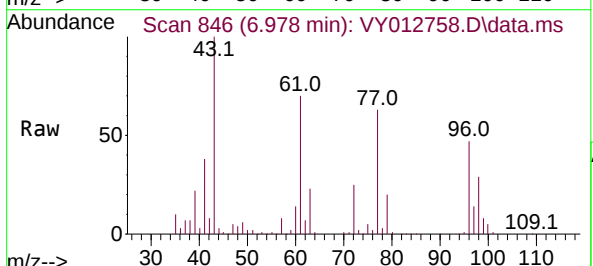
Acq: 02 Mar 2023 14:10

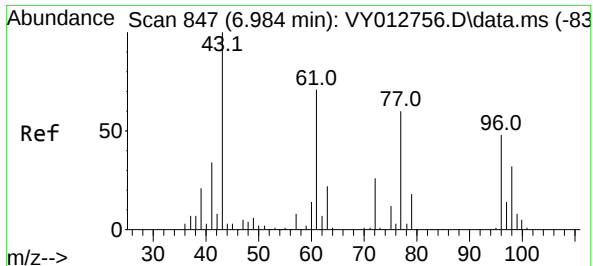
Tgt Ion: 77 Resp: 316527

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0



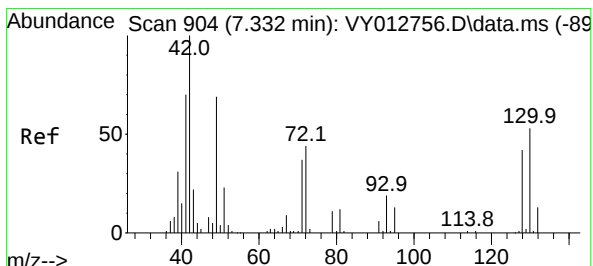
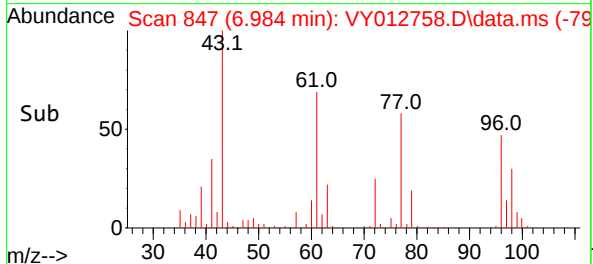
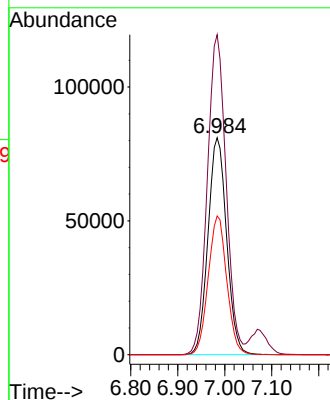
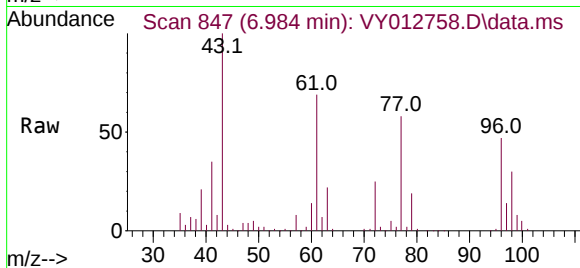


#27
 cis-1,2-Dichloroethene
 Concen: 145.944 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY012758.D
 Acq: 02 Mar 2023 14:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 222823

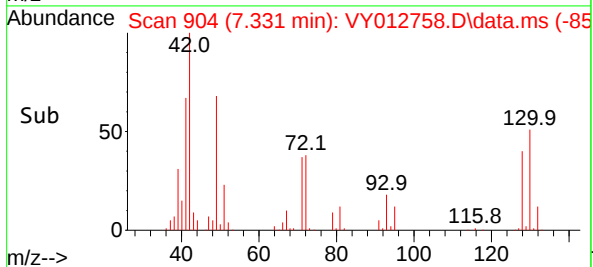
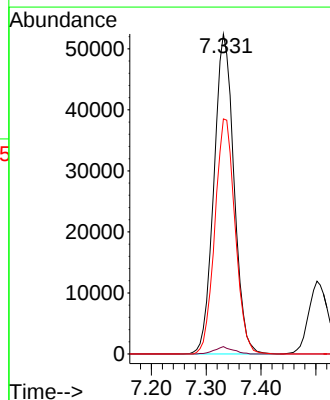
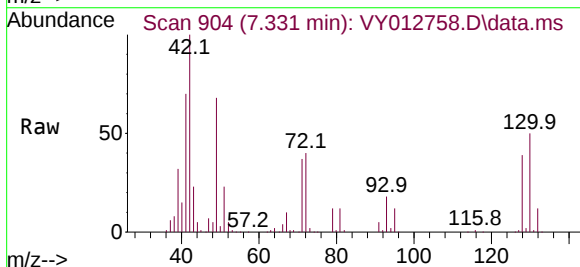
Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	295.8
98	63.7	0.0	130.2

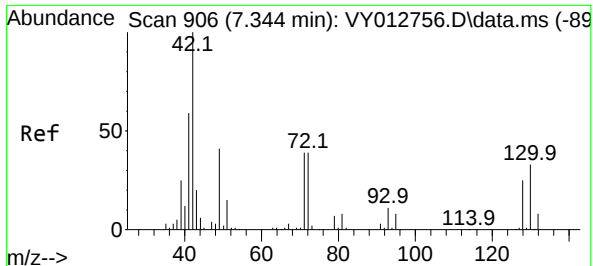


#28
 Bromochloromethane
 Concen: 145.400 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012758.D
 Acq: 02 Mar 2023 14:10

Tgt Ion: 49 Resp: 133121

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	74.1	60.5	90.7





#29

Tetrahydrofuran

Concen: 749.492 ug/l

RT: 7.343 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

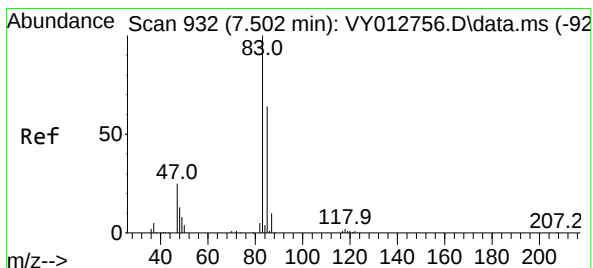
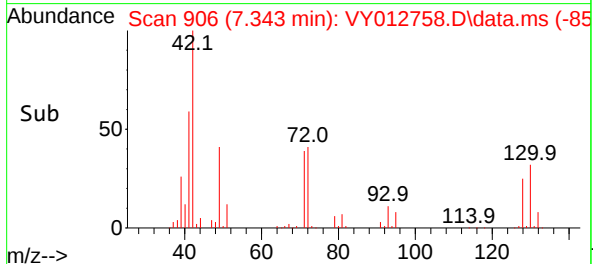
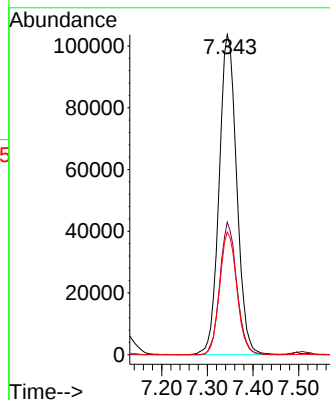
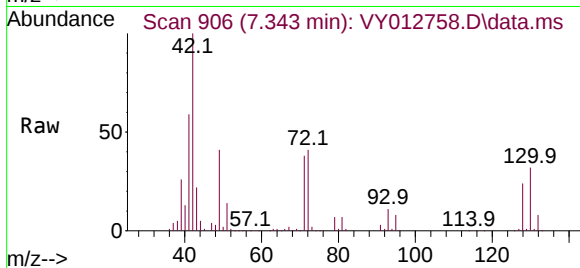
Tgt Ion: 42 Resp: 277659

Ion Ratio Lower Upper

42 100

72 39.8 32.3 48.5

71 37.4 30.3 45.5



#30

Chloroform

Concen: 142.026 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY012758.D

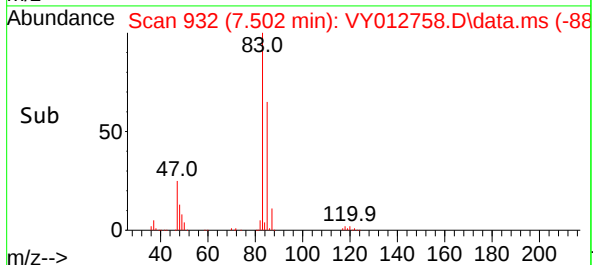
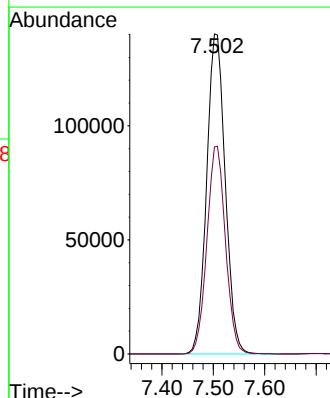
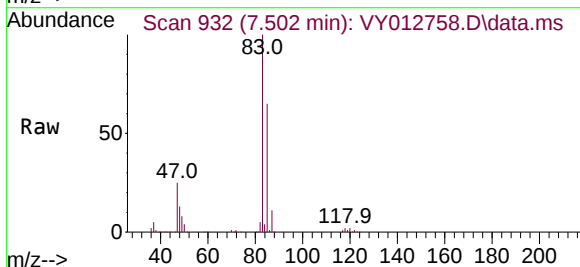
Acq: 02 Mar 2023 14:10

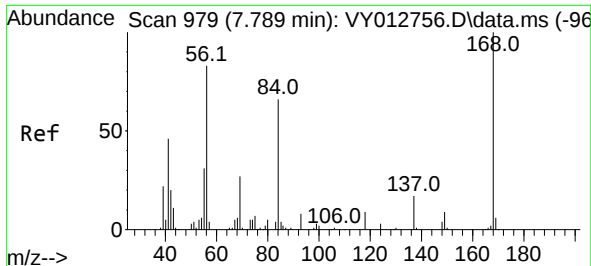
Tgt Ion: 83 Resp: 351463

Ion Ratio Lower Upper

83 100

85 64.7 51.4 77.0

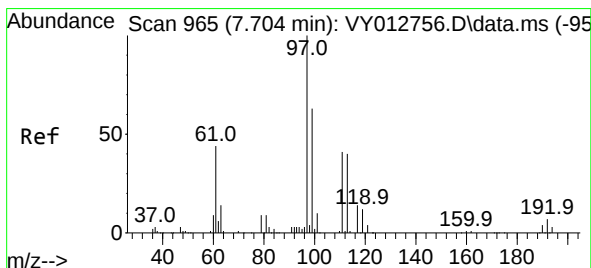
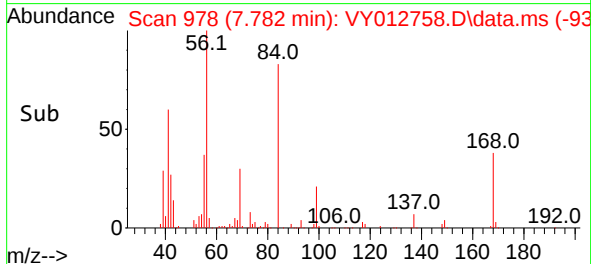
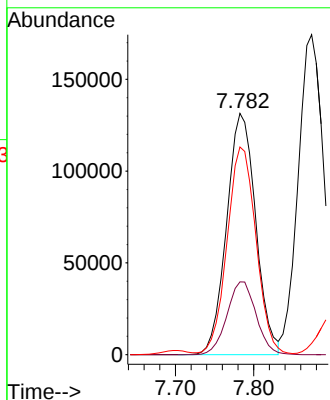
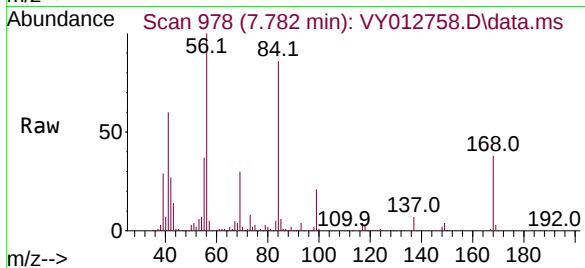




#31
Cyclohexane
Concen: 140.460 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

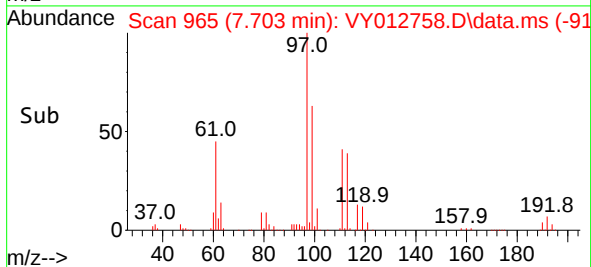
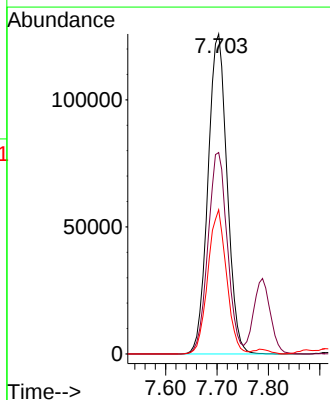
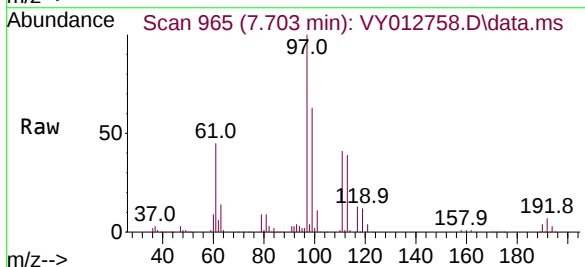
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

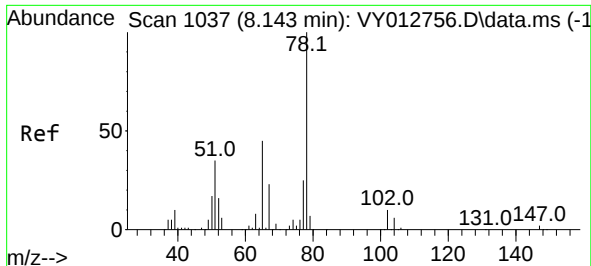
Tgt Ion: 56 Resp: 339882
Ion Ratio Lower Upper
56 100
69 30.2 25.7 38.5
84 84.3 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 145.359 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion: 97 Resp: 325299
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 44.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 141.054 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

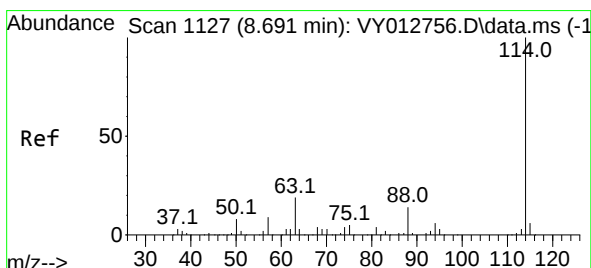
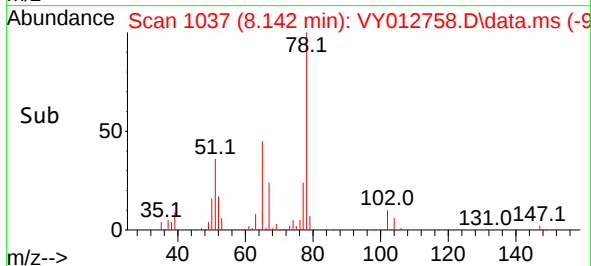
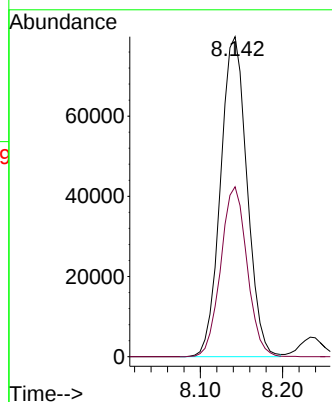
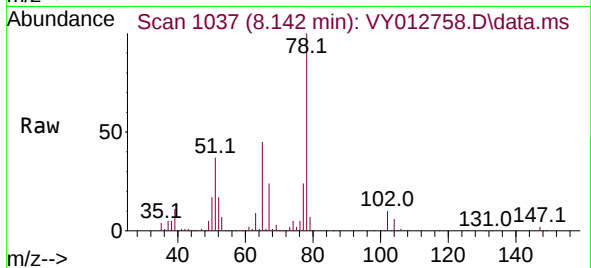
VSTDIC150

Tgt Ion: 65 Resp: 178219

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

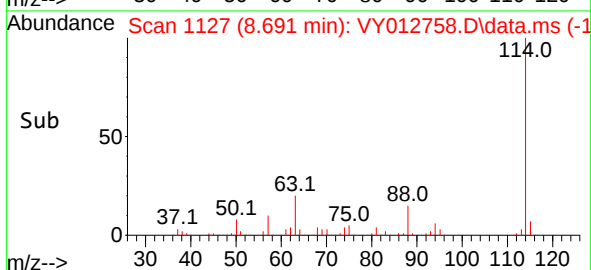
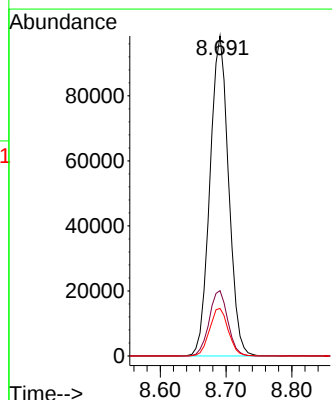
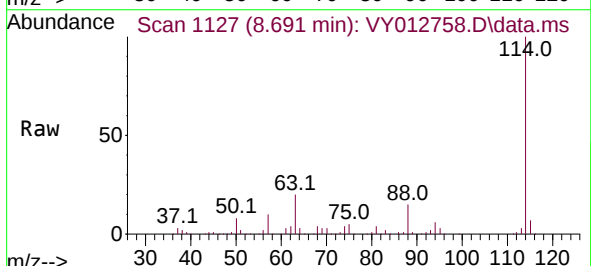
Tgt Ion: 114 Resp: 194223

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 14.9 0.0 28.6

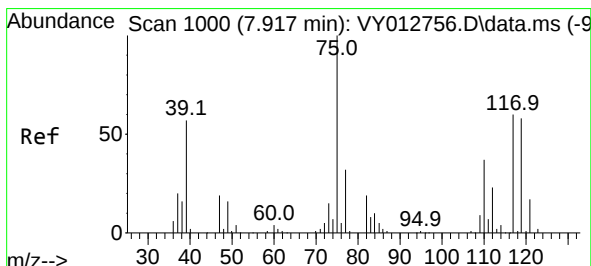
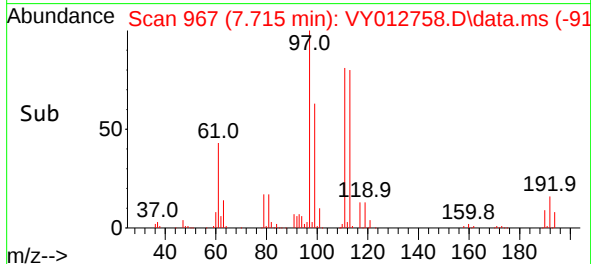
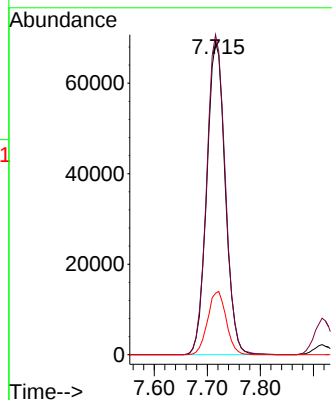
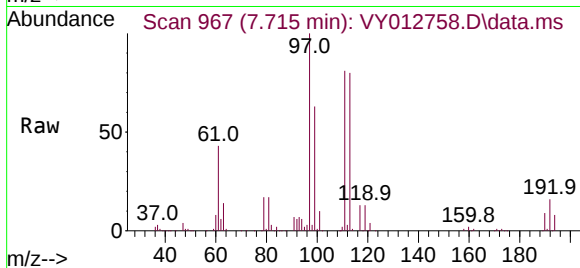




#35
Dibromofluoromethane
Concen: 142.348 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

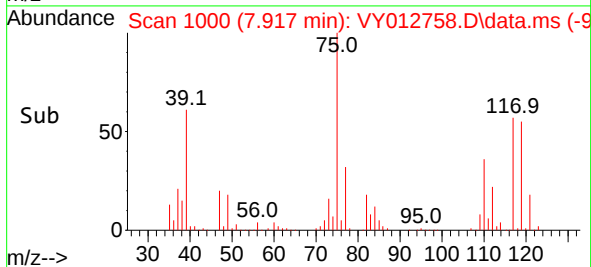
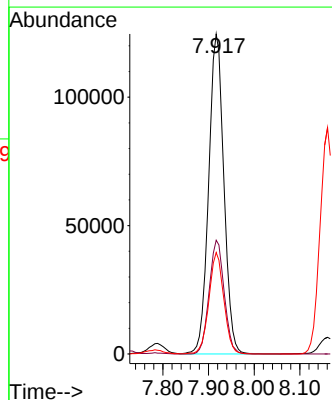
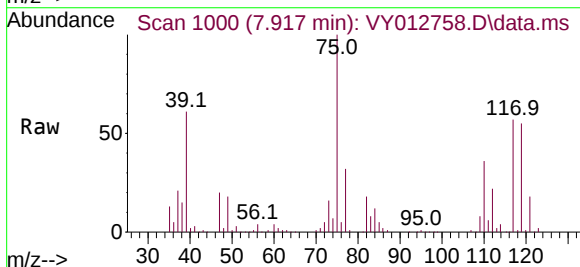
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

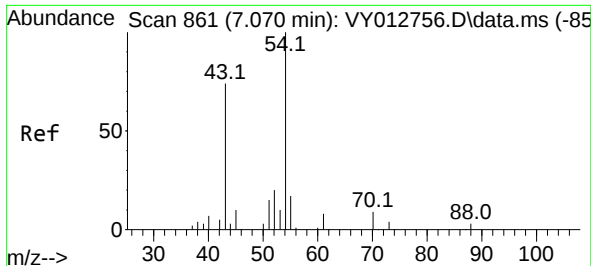
Tgt Ion:113 Resp: 166851
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 20.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 146.622 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion: 75 Resp: 288001
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.3
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 148.111 ug/l

RT: 7.075 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

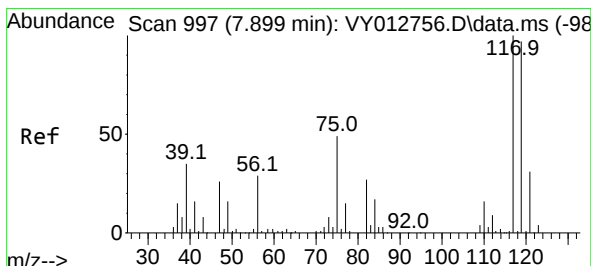
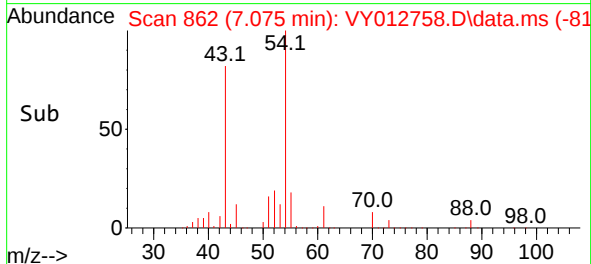
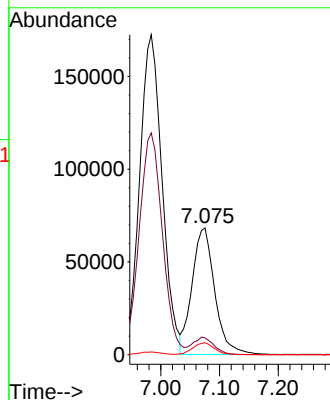
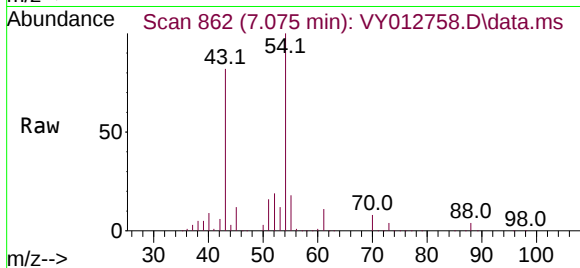
Tgt Ion: 43 Resp: 183365

Ion Ratio Lower Upper

43 100

61 12.6 10.7 16.1

70 9.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 148.107 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

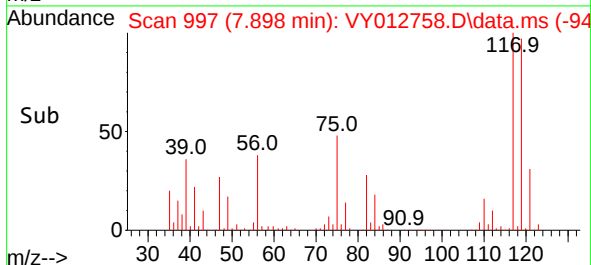
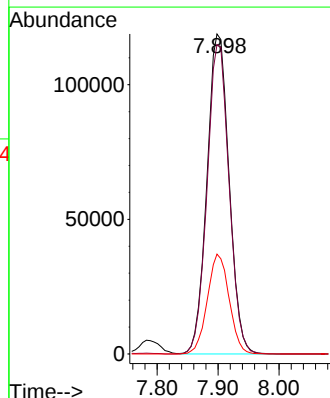
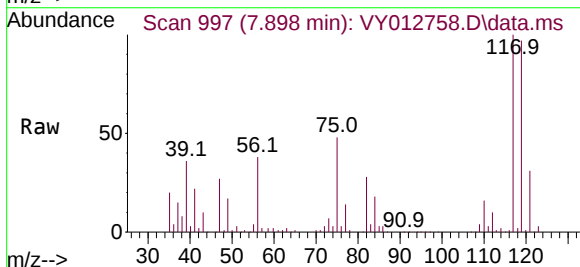
Tgt Ion: 117 Resp: 300418

Ion Ratio Lower Upper

117 100

119 96.7 77.2 115.8

121 31.2 24.7 37.1





#39

Methylcyclohexane

Concen: 153.884 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

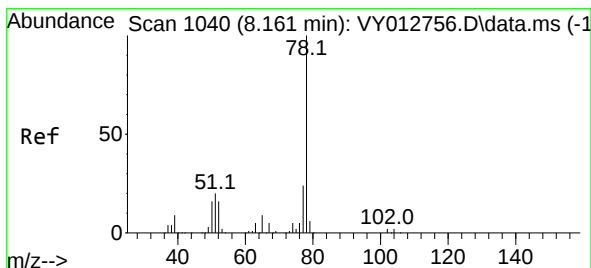
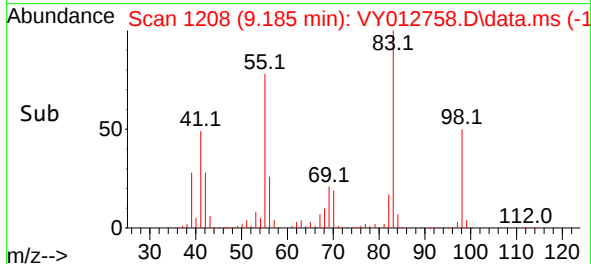
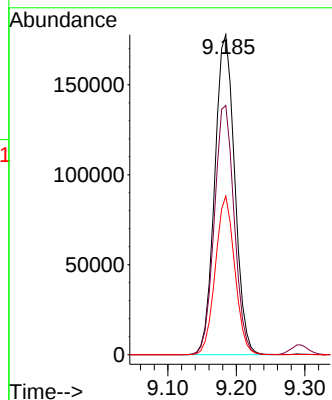
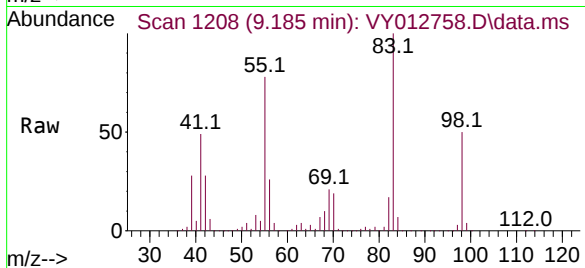
Tgt Ion: 83 Resp: 359356

Ion Ratio Lower Upper

83 100

55 77.9 60.0 90.0

98 49.6 38.3 57.5



#40

Benzene

Concen: 144.859 ug/l

RT: 8.160 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012758.D

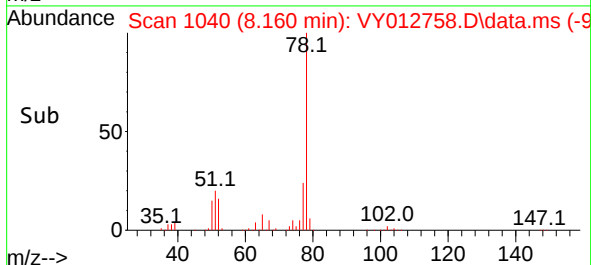
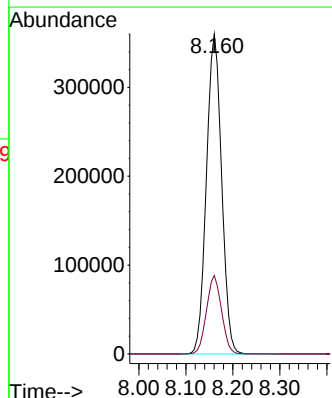
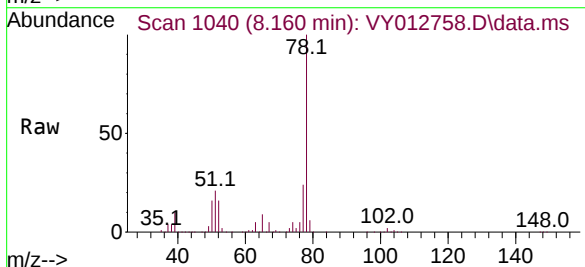
Acq: 02 Mar 2023 14:10

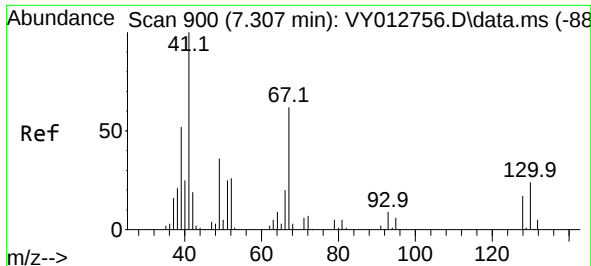
Tgt Ion: 78 Resp: 804880

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.0

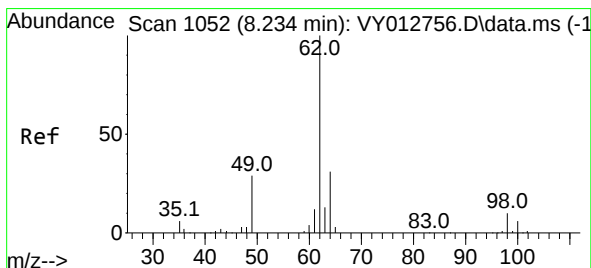
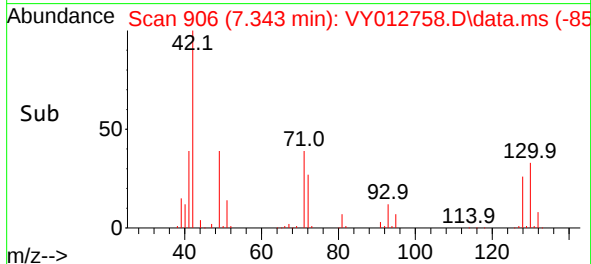
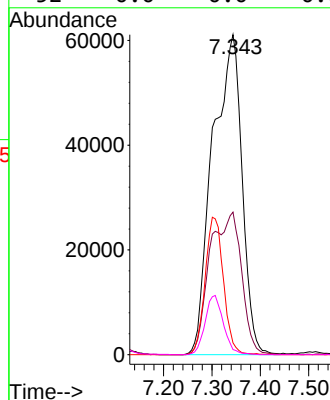
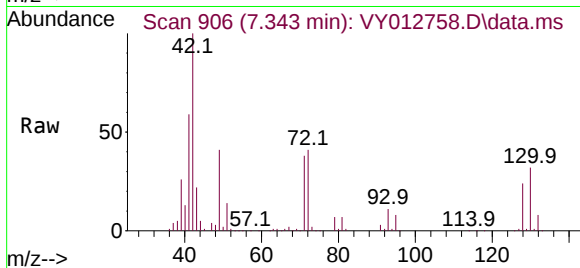




#41
Methacrylonitrile
Concen: 396.012 ug/l
RT: 7.343 min Scan# 906
Delta R.T. 0.036 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

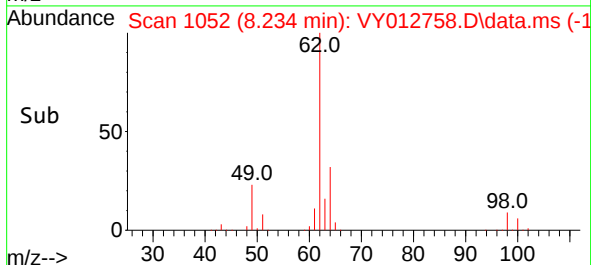
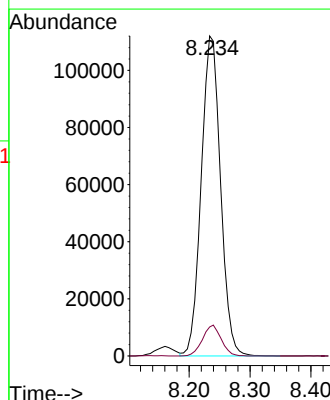
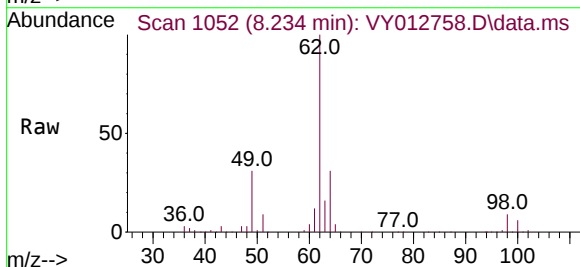
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

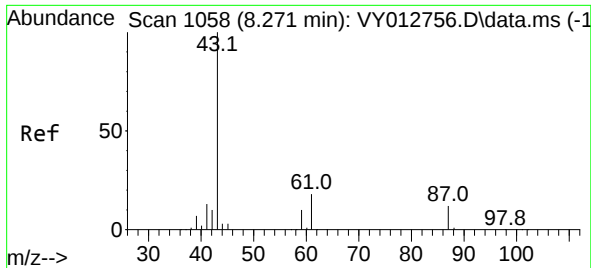
Tgt Ion:	41	Resp:	257044
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 147.633 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion:	62	Resp:	246619
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.8

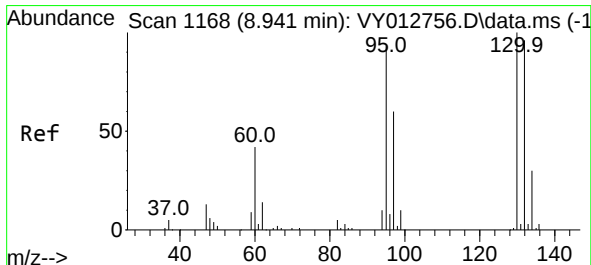
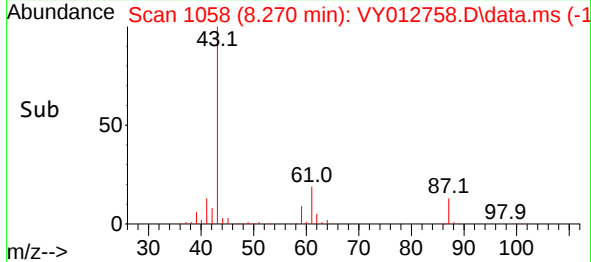
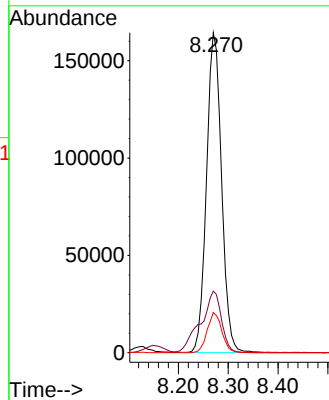
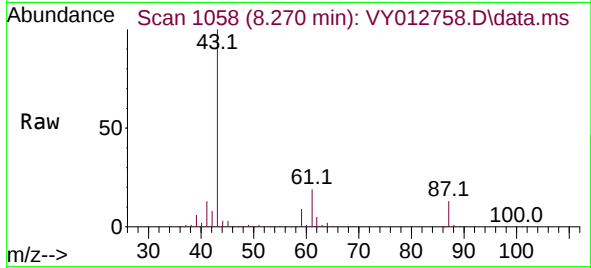




#43
Isopropyl Acetate
Concen: 155.901 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

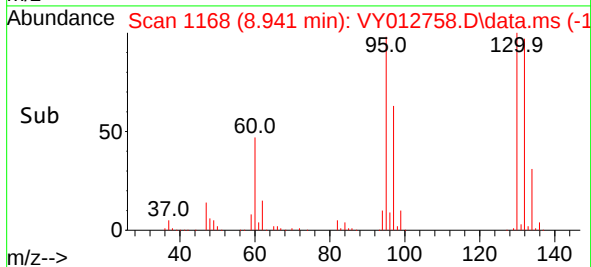
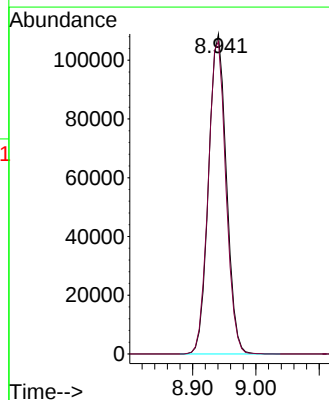
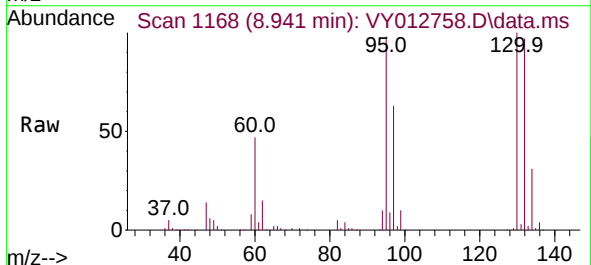
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

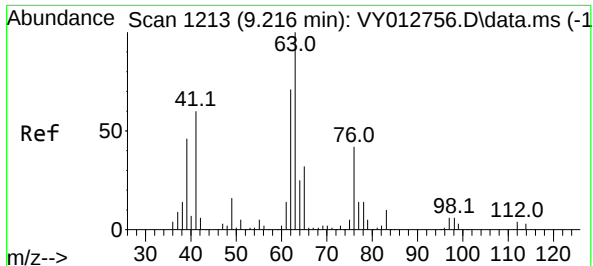
Tgt Ion:	43	Resp:	344355
Ion	Ratio	Lower	Upper
43	100		
61	26.7	21.6	32.4
87	12.1	9.9	14.9



#44
Trichloroethene
Concen: 145.633 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion:	130	Resp:	213342
Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	185.0





#45

1,2-Dichloropropane

Concen: 145.688 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

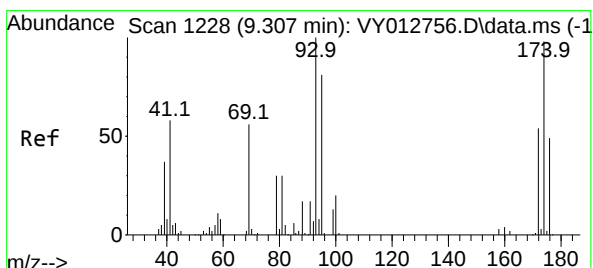
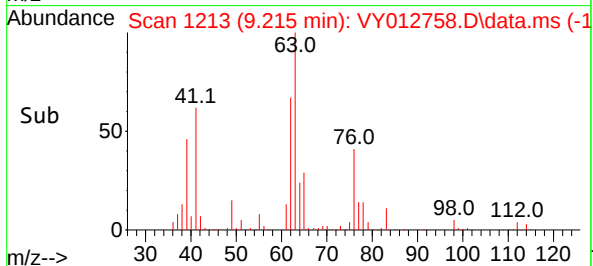
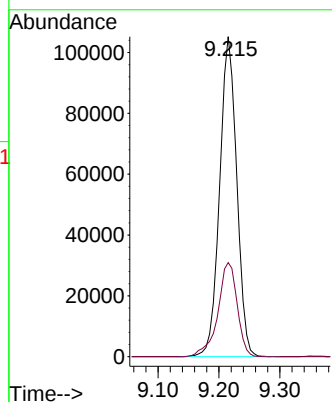
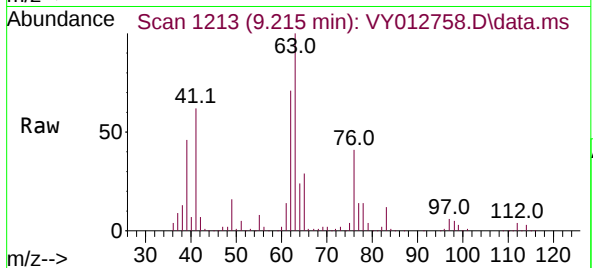
VSTDICC150

Tgt Ion: 63 Resp: 204578

Ion Ratio Lower Upper

63 100

65 29.4 25.7 38.5



#46

Dibromomethane

Concen: 143.728 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

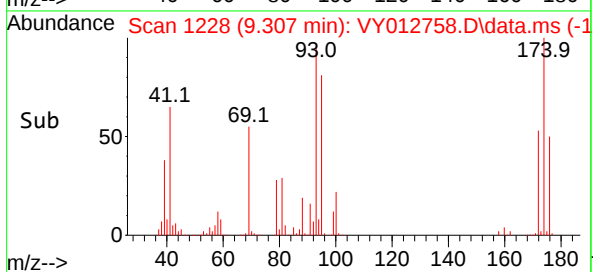
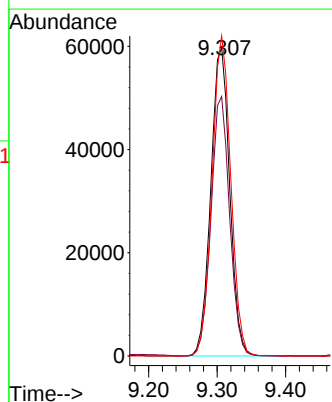
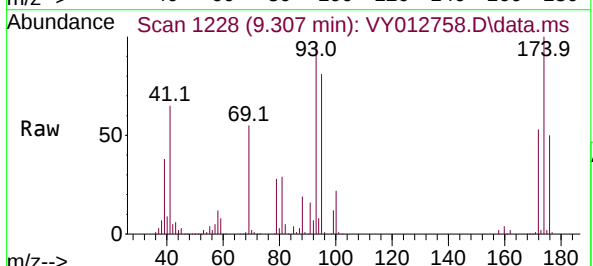
Tgt Ion: 93 Resp: 114981

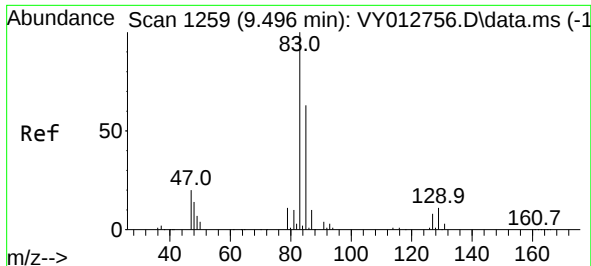
Ion Ratio Lower Upper

93 100

95 82.7 65.6 98.4

174 102.5 81.3 121.9

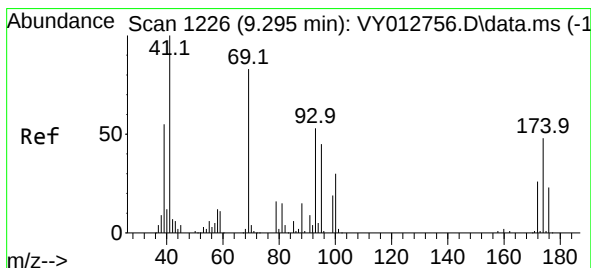
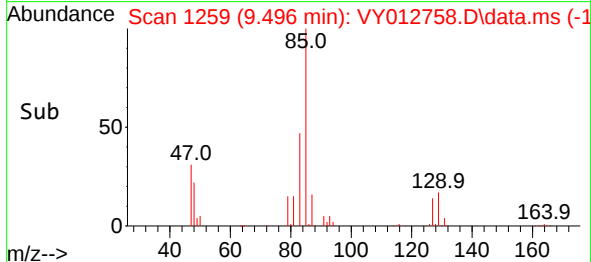
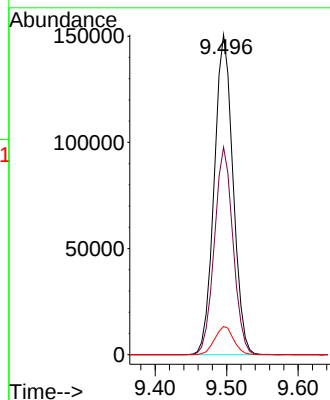
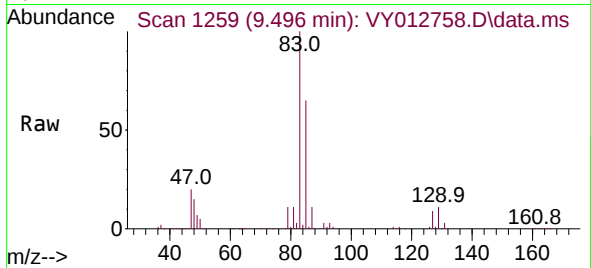




#47
Bromodichloromethane
Concen: 145.571 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

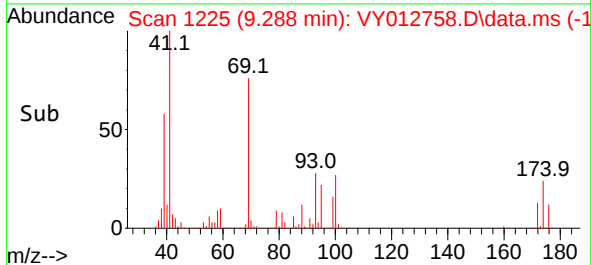
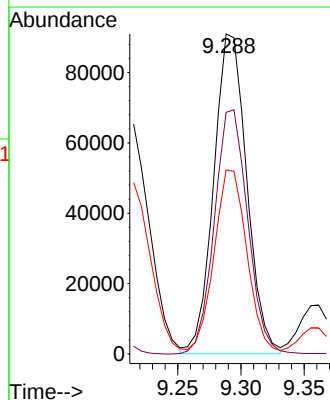
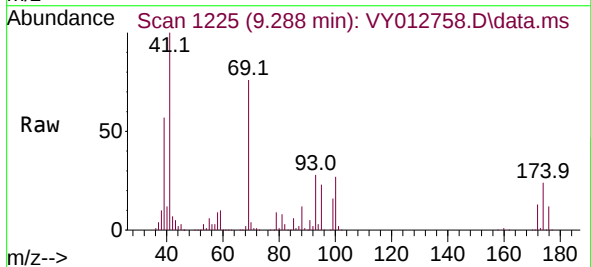
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

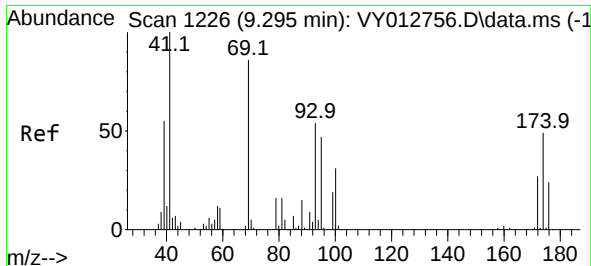
Tgt Ion: 83 Resp: 274431
Ion Ratio Lower Upper
83 100
85 64.9 50.2 75.4
127 8.8 6.3 9.5



#48
Methyl methacrylate
Concen: 162.509 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.007 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion: 41 Resp: 165394
Ion Ratio Lower Upper
41 100
69 77.0 64.1 96.1
39 55.1 44.0 66.0





#49

1,4-Dioxane

Concen: 3138.222 ug/l

RT: 9.300 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

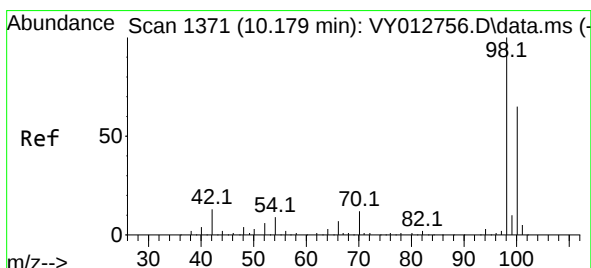
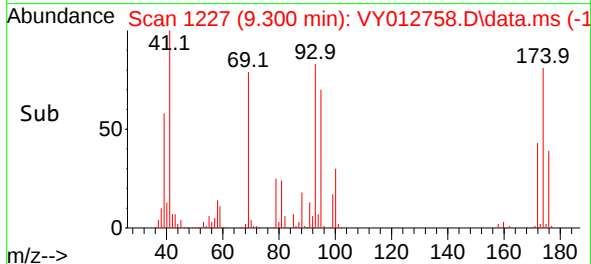
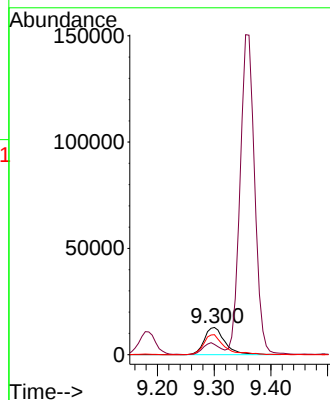
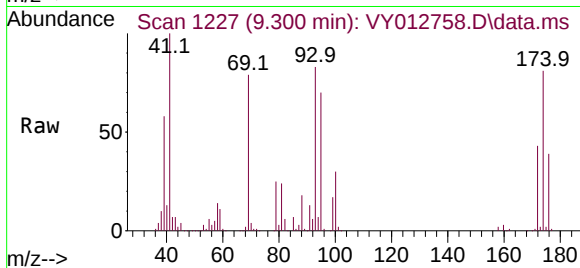
Tgt Ion: 88 Resp: 32455

Ion Ratio Lower Upper

88 100

43 34.7 28.6 42.8

58 73.4 55.2 82.8



#50

Toluene-d8

Concen: 141.382 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012758.D

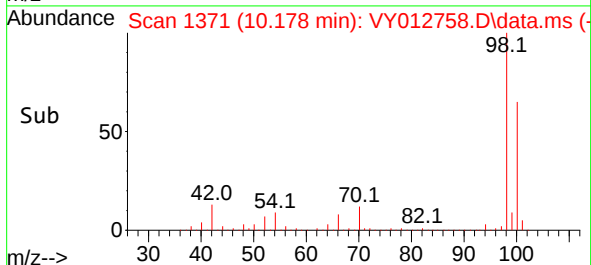
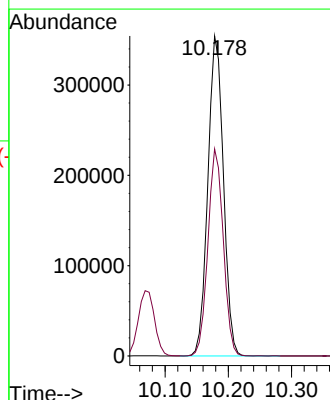
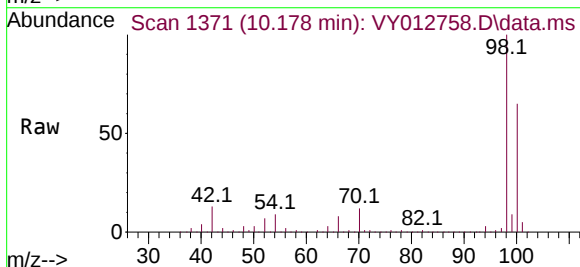
Acq: 02 Mar 2023 14:10

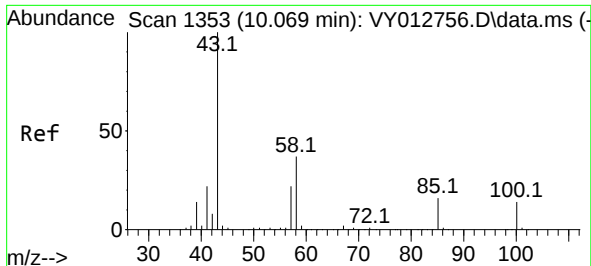
Tgt Ion: 98 Resp: 605833

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 764.825 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

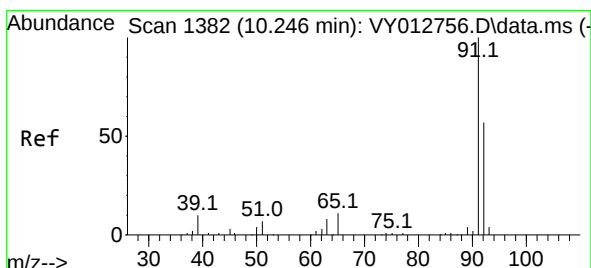
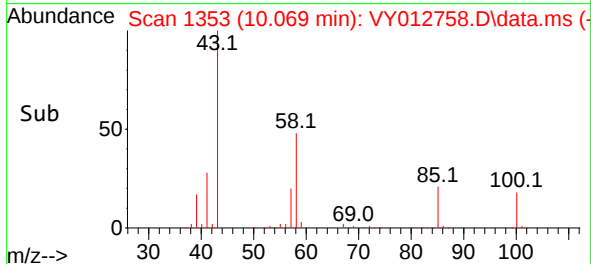
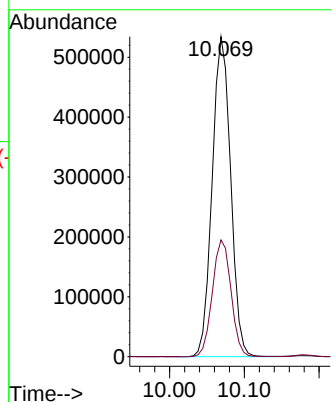
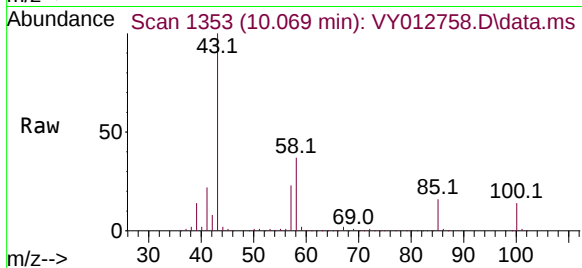
VSTDIC150

Tgt Ion: 43 Resp: 916361

Ion Ratio Lower Upper

43 100

58 36.8 29.8 44.6



#52

Toluene

Concen: 146.450 ug/l

RT: 10.245 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY012758.D

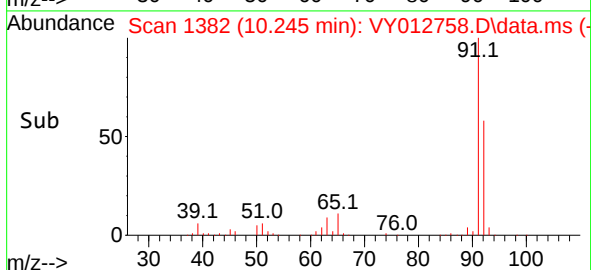
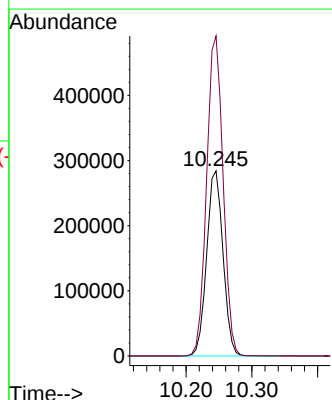
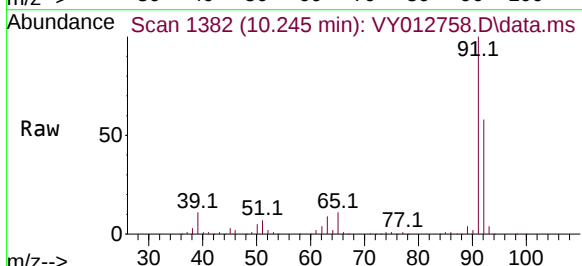
Acq: 02 Mar 2023 14:10

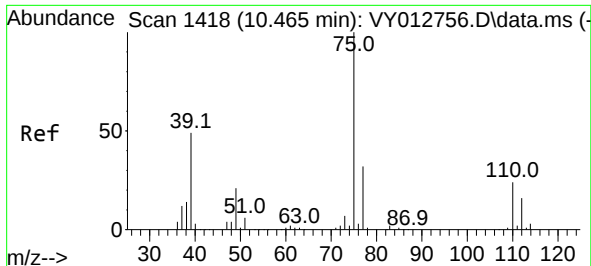
Tgt Ion: 92 Resp: 490740

Ion Ratio Lower Upper

92 100

91 174.2 141.3 211.9





#53

t-1,3-Dichloropropene

Concen: 152.535 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

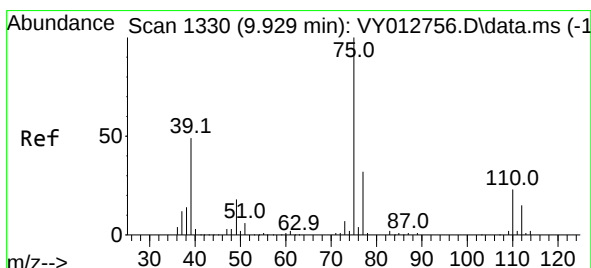
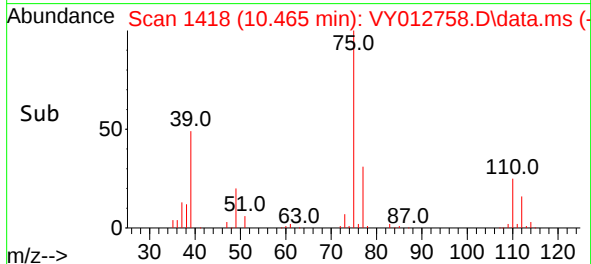
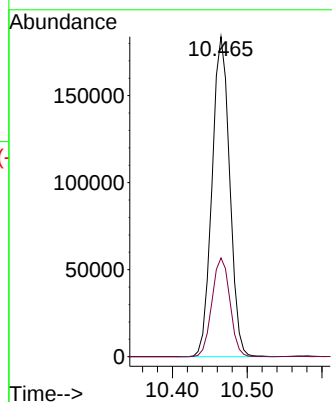
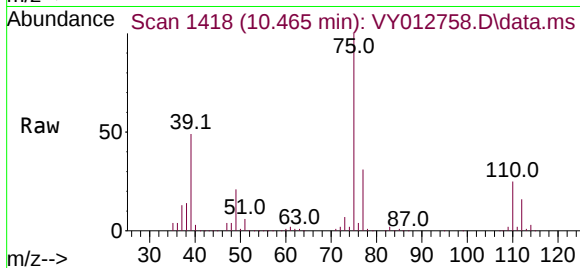
VSTDIC150

Tgt Ion: 75 Resp: 301621

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 149.748 ug/l

RT: 9.928 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

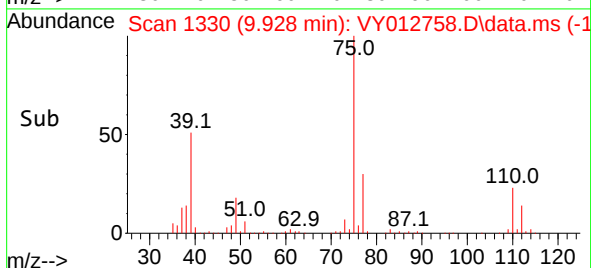
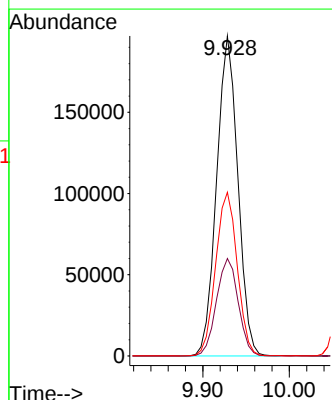
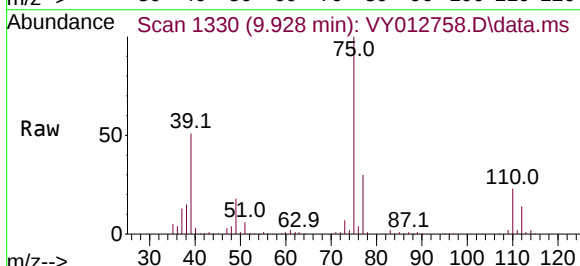
Tgt Ion: 75 Resp: 335158

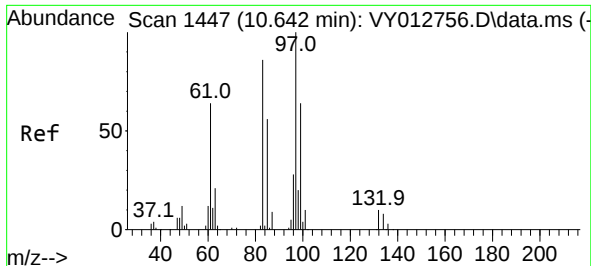
Ion Ratio Lower Upper

75 100

77 30.4 25.4 38.0

39 51.1 39.0 58.4

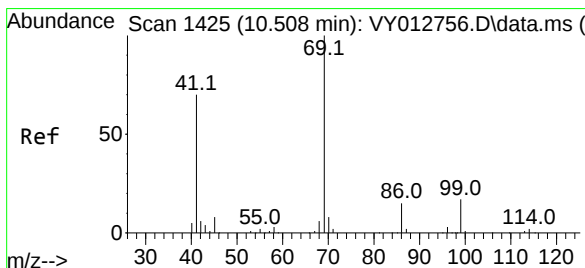
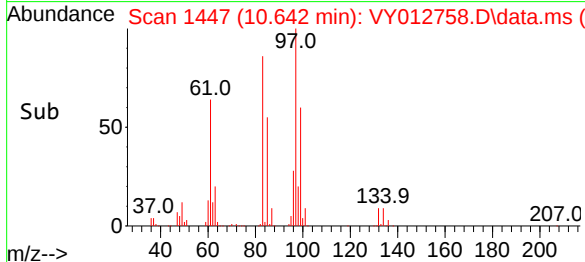
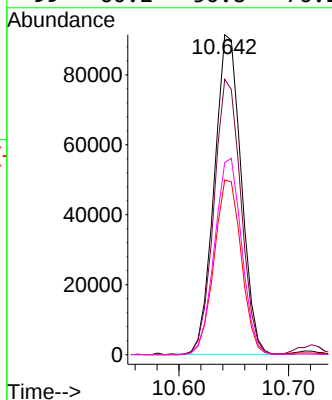
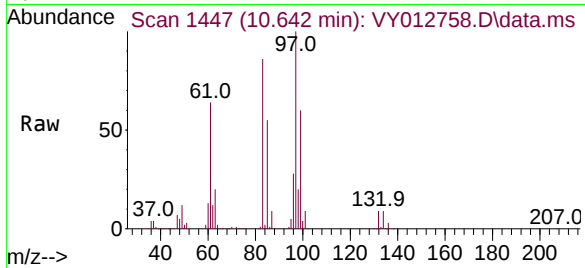




#55
1,1,2-Trichloroethane
Concen: 140.207 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

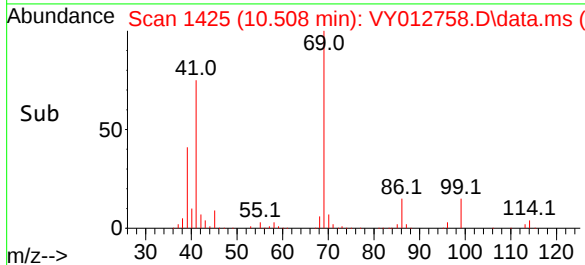
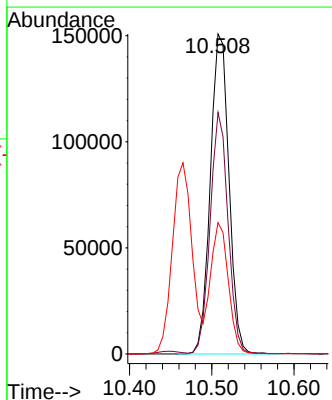
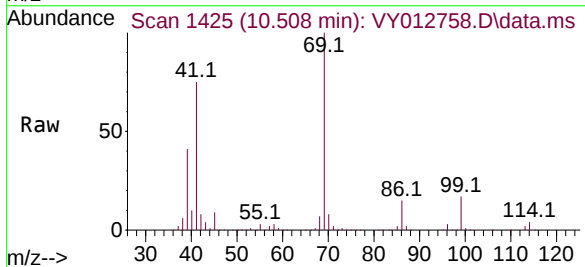
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

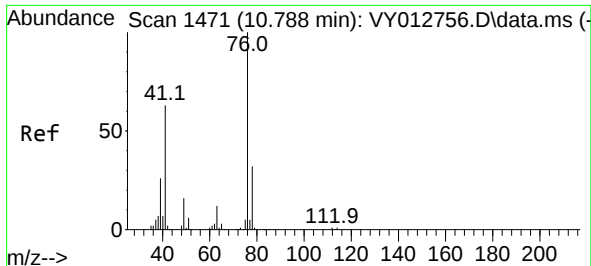
Tgt Ion:	97	Resp:	156205
Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.0	103.6
85	54.7	44.9	67.3
99	60.2	50.8	76.2



#56
Ethyl methacrylate
Concen: 159.667 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion:	69	Resp:	237191
Ion	Ratio	Lower	Upper
69	100		
41	72.4	56.4	84.6
39	38.8	30.8	46.2





#57

1,3-Dichloropropane

Concen: 145.901 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

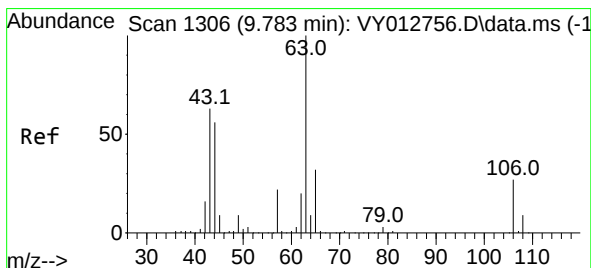
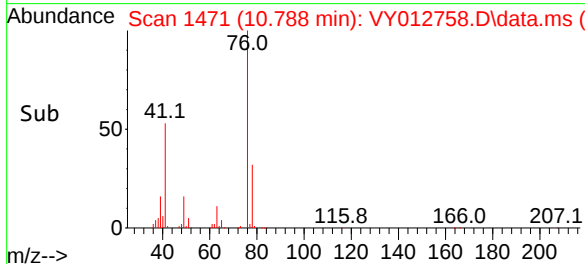
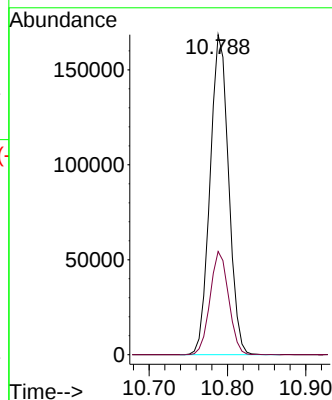
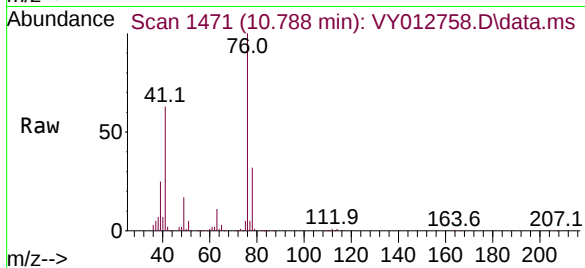
VSTDIC150

Tgt Ion: 76 Resp: 276861

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 773.160 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012758.D

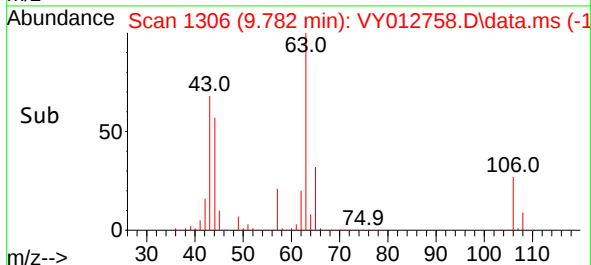
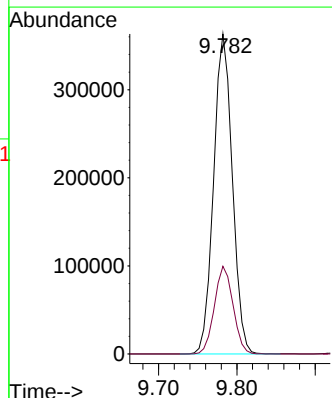
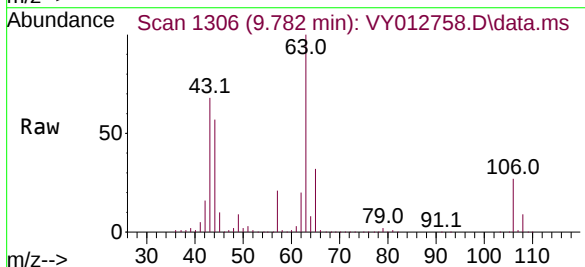
Acq: 02 Mar 2023 14:10

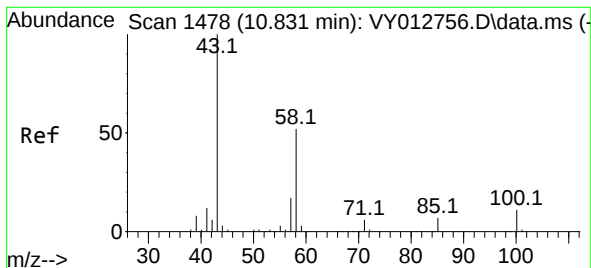
Tgt Ion: 63 Resp: 602944

Ion Ratio Lower Upper

63 100

106 27.2 22.1 33.1

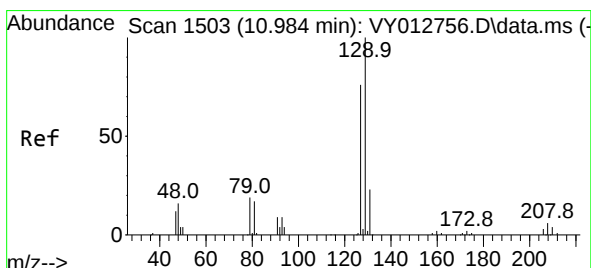
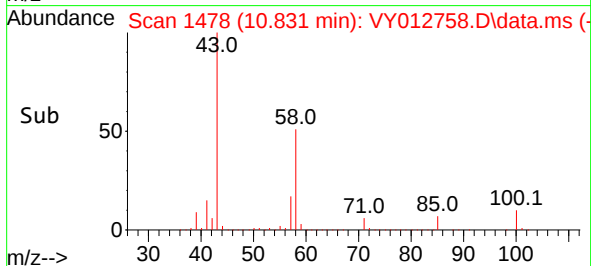
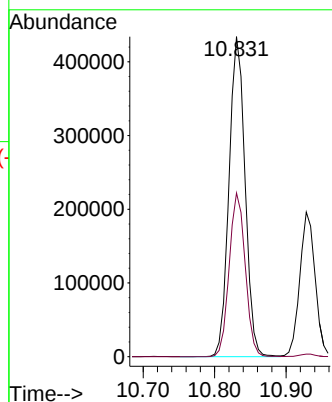
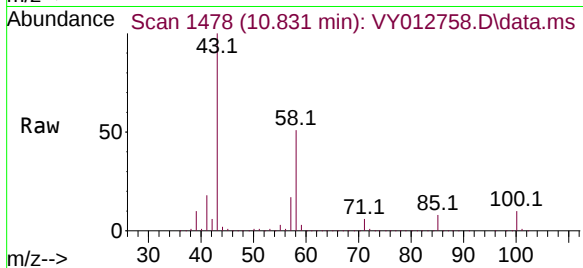




#59
2-Hexanone
Concen: 776.057 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

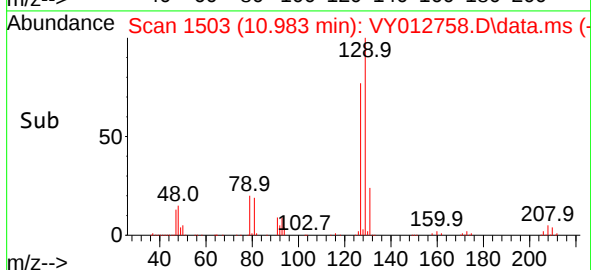
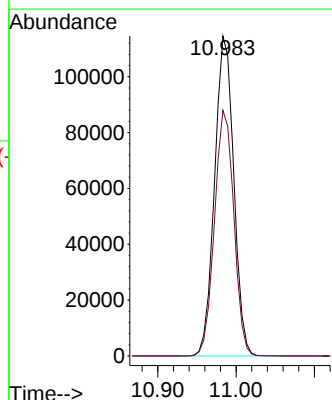
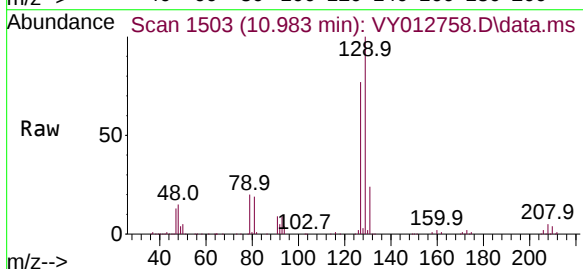
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

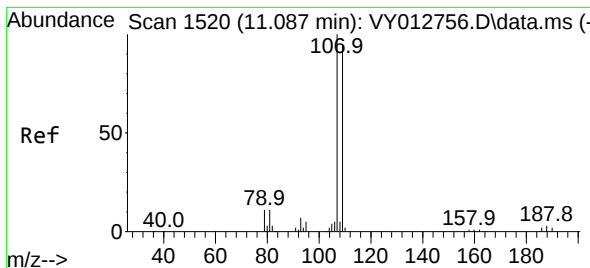
Tgt Ion: 43 Resp: 675776
Ion Ratio Lower Upper
43 100
58 51.1 25.9 77.8



#60
Dibromochloromethane
Concen: 143.502 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion: 129 Resp: 194614
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1

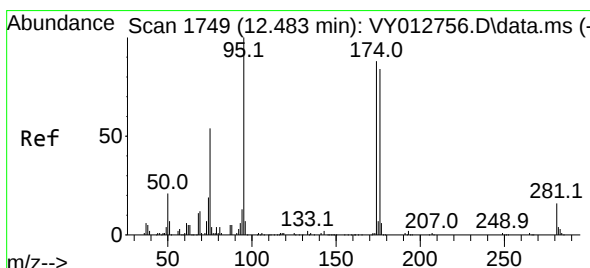
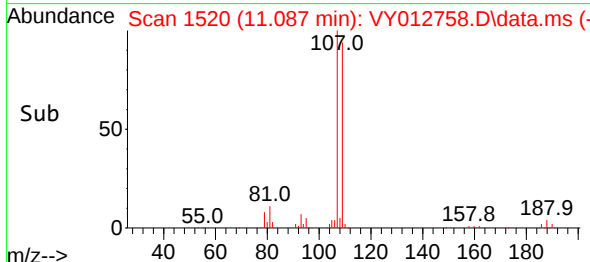
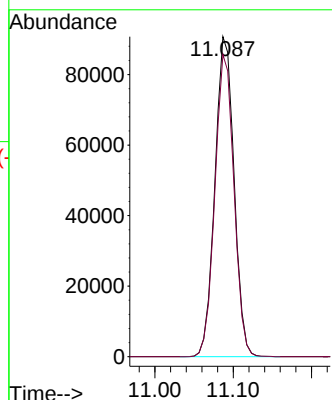
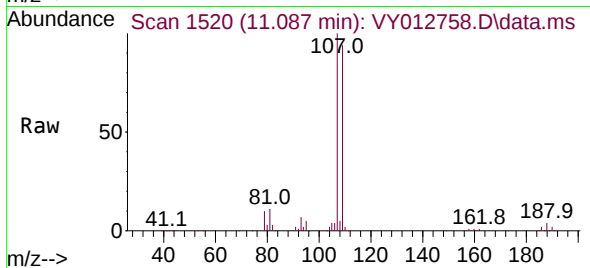




#61
1,2-Dibromoethane
Concen: 143.460 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

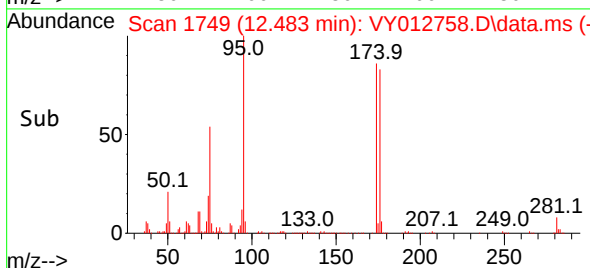
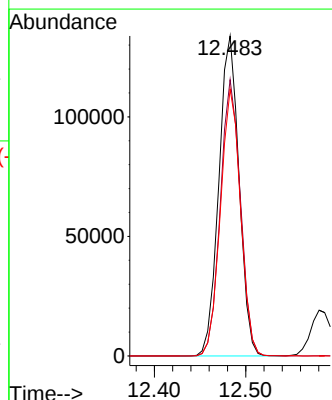
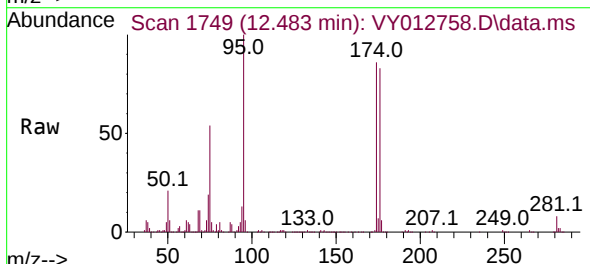
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

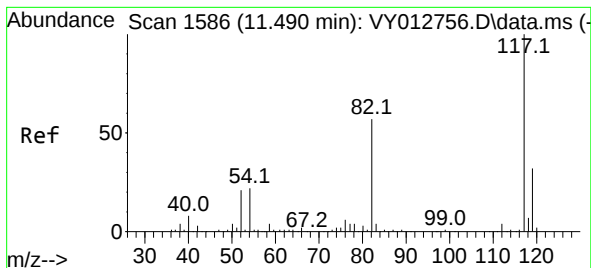
Tgt Ion:107 Resp: 153962
Ion Ratio Lower Upper
107 100
109 94.1 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 142.172 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion: 95 Resp: 205627
Ion Ratio Lower Upper
95 100
174 85.8 0.0 176.6
176 83.0 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

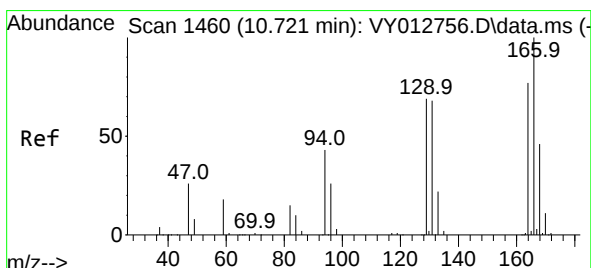
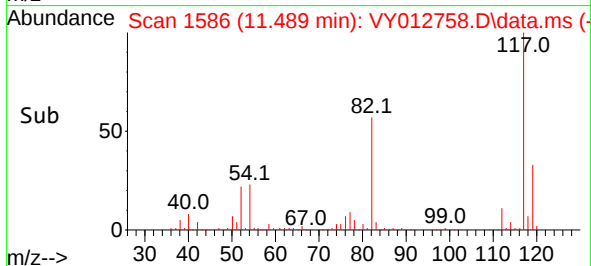
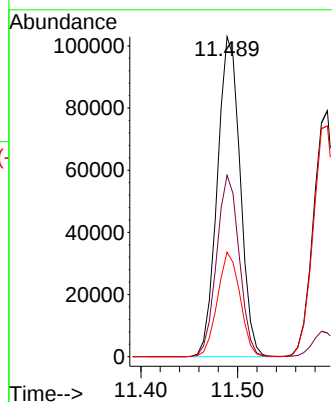
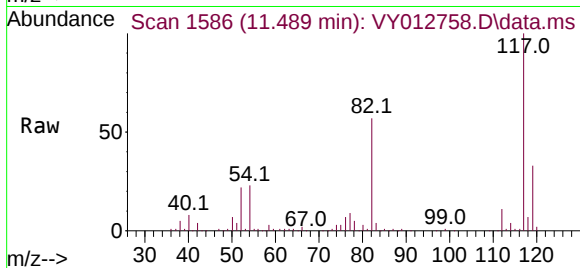
Tgt Ion:117 Resp: 168484

Ion Ratio Lower Upper

117 100

82 56.6 45.4 68.0

119 32.7 25.6 38.4



#64

Tetrachloroethene

Concen: 146.163 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Tgt Ion:164 Resp: 179296

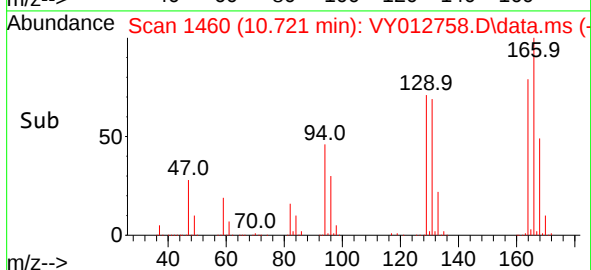
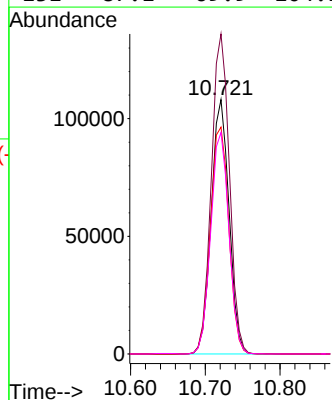
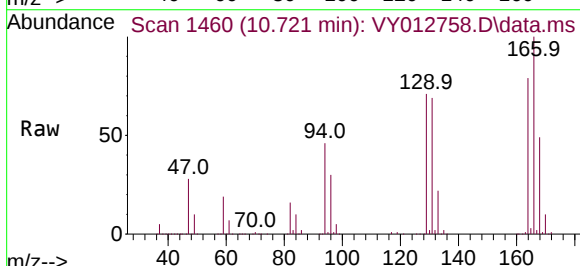
Ion Ratio Lower Upper

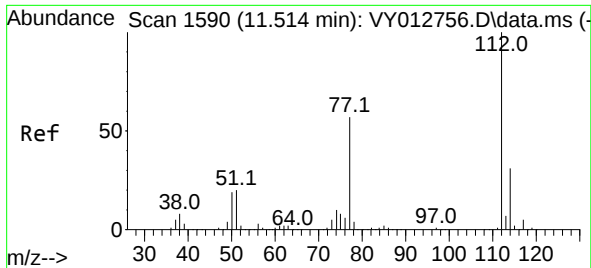
164 100

166 125.8 103.4 155.2

129 89.2 71.4 107.2

131 87.1 69.9 104.9

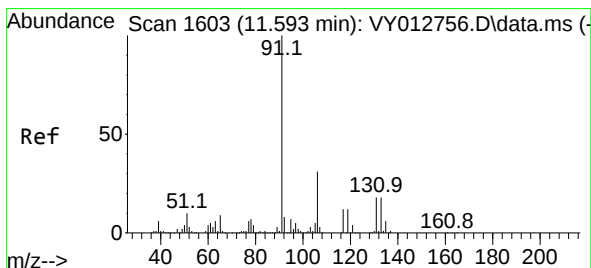
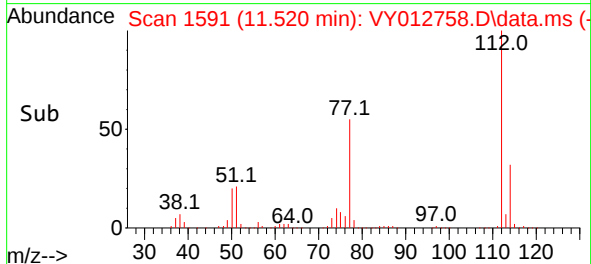
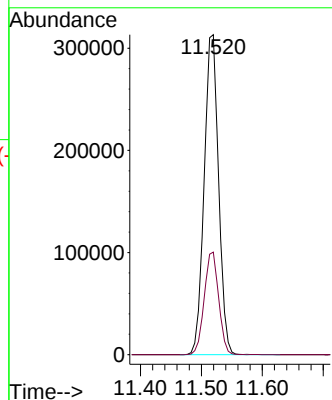
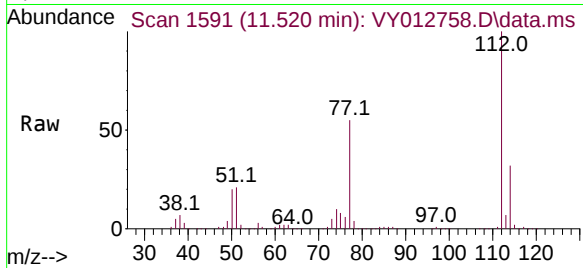




#65
Chlorobenzene
Concen: 145.668 ug/l
RT: 11.520 min Scan# 1150
Delta R.T. 0.006 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

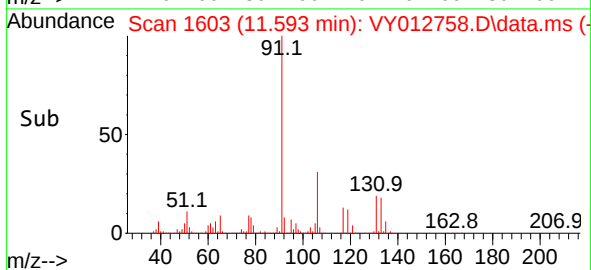
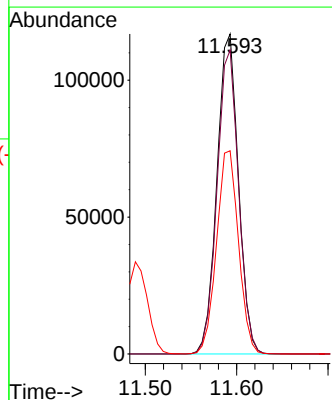
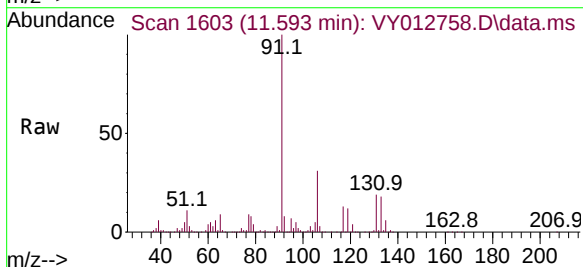
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

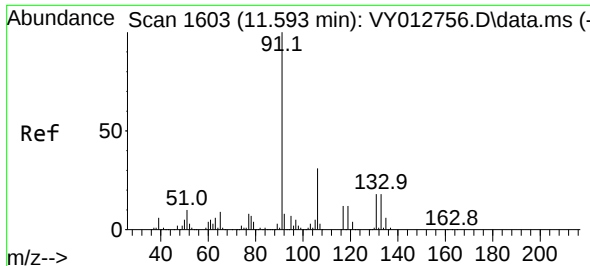
Tgt Ion:112 Resp: 515093
Ion Ratio Lower Upper
112 100
114 32.0 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 146.019 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion:131 Resp: 191060
Ion Ratio Lower Upper
131 100
133 95.1 48.0 144.0
119 65.0 32.6 98.0





#67

Ethyl Benzene

Concen: 152.274 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

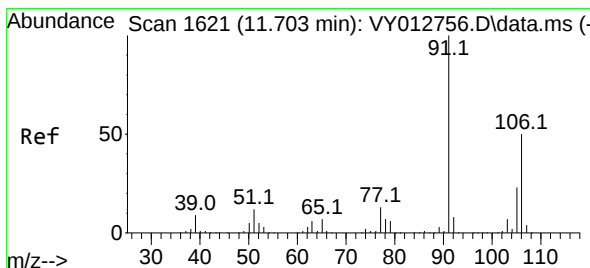
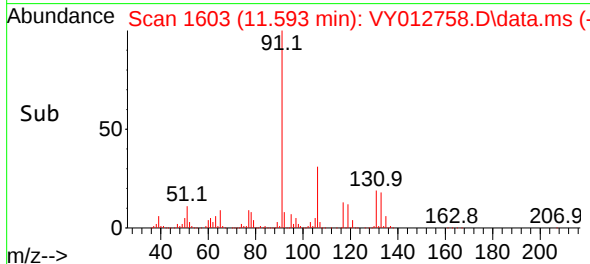
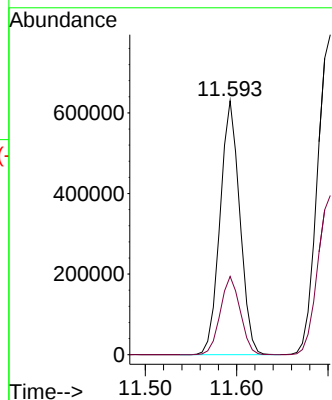
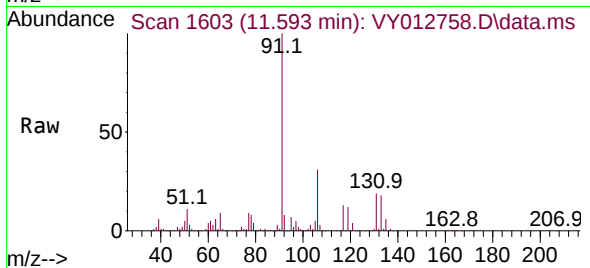
VSTDIC150

Tgt Ion: 91 Resp: 946680

Ion Ratio Lower Upper

91 100

106 30.8 25.1 37.7



#68

m/p-Xylenes

Concen: 300.668 ug/l

RT: 11.702 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012758.D

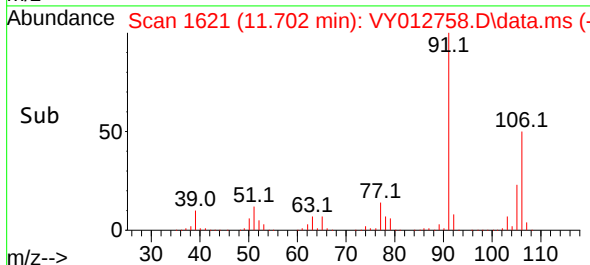
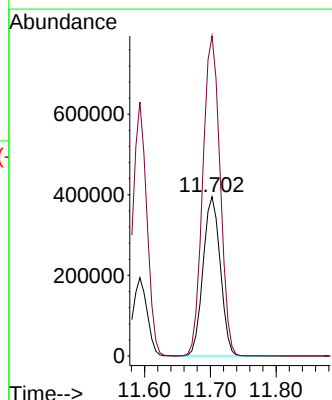
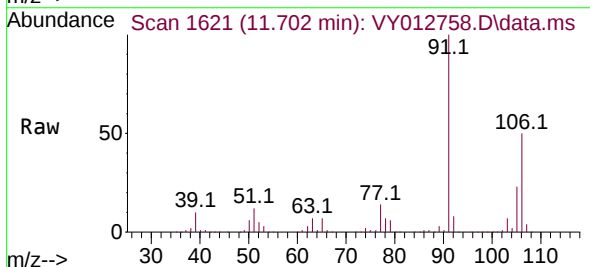
Acq: 02 Mar 2023 14:10

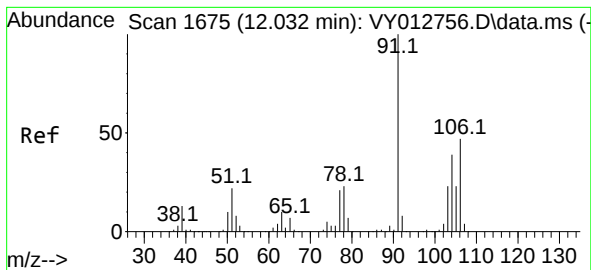
Tgt Ion:106 Resp: 719090

Ion Ratio Lower Upper

106 100

91 201.9 159.8 239.8

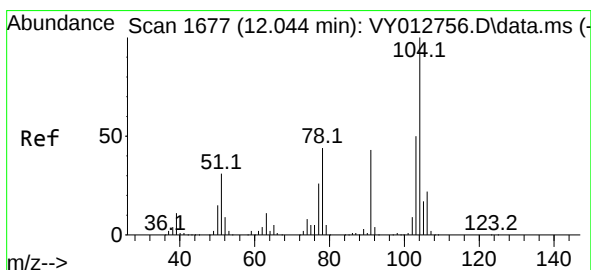
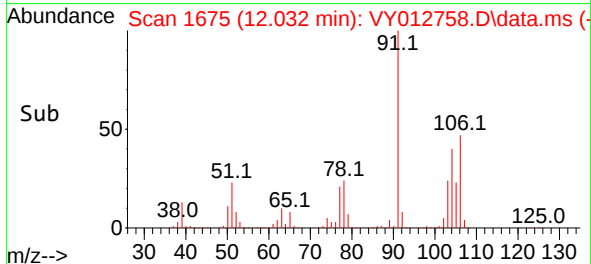
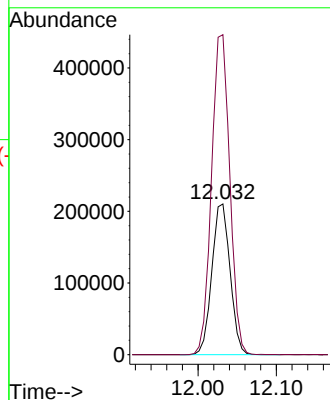
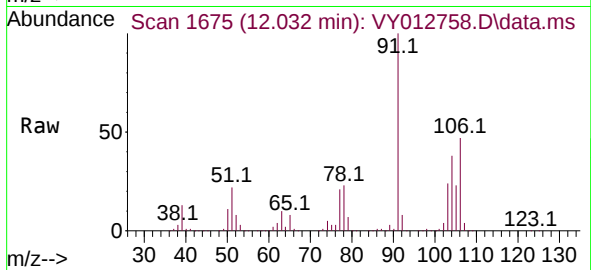




#69
o-Xylene
Concen: 152.077 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

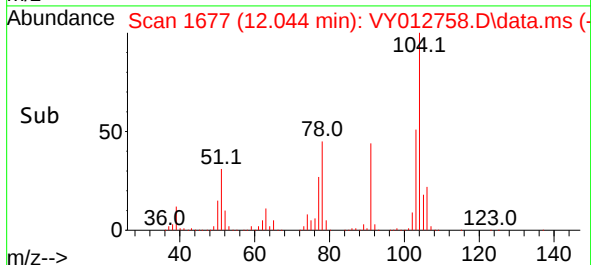
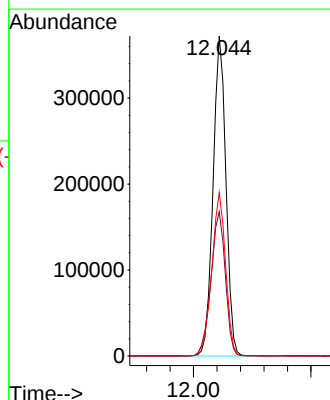
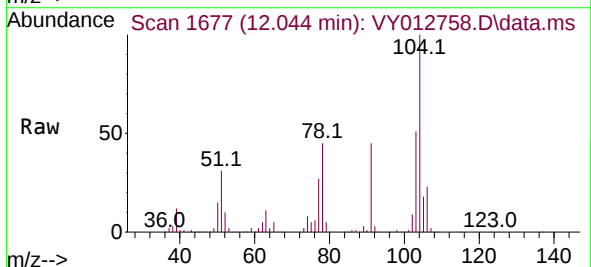
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 339450
Ion Ratio Lower Upper
106 100
91 213.0 107.2 321.6



#70
Styrene
Concen: 152.125 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion:104 Resp: 566644
Ion Ratio Lower Upper
104 100
78 50.3 39.2 58.8
103 54.9 43.7 65.5





#71

Bromoform

Concen: 145.206 ug/l

RT: 12.208 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

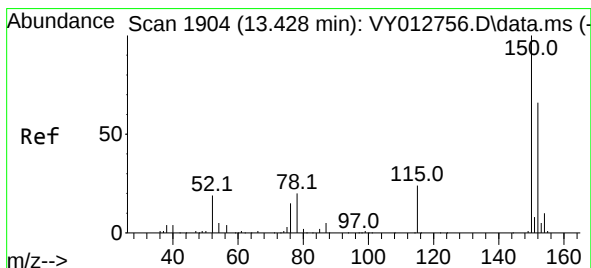
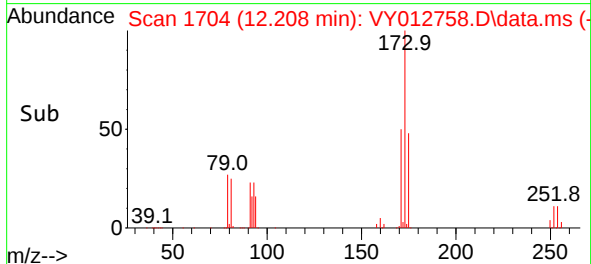
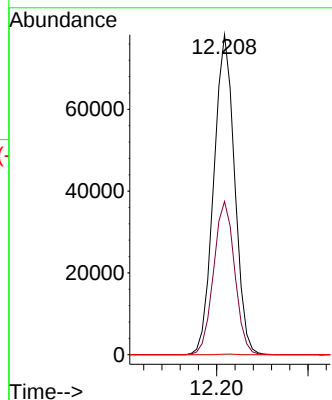
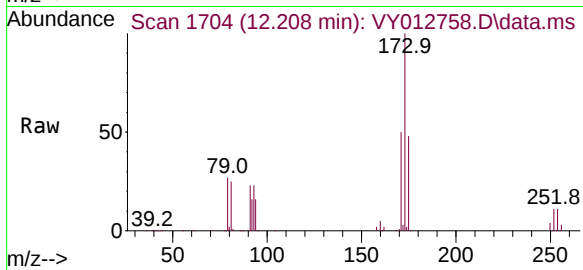
Tgt Ion:173 Resp: 123878

Ion Ratio Lower Upper

173 100

175 48.4 25.0 75.0

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

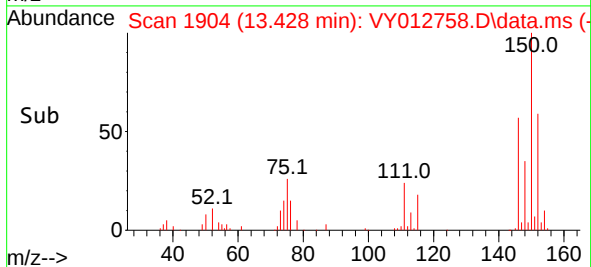
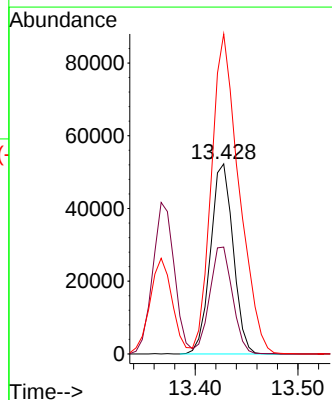
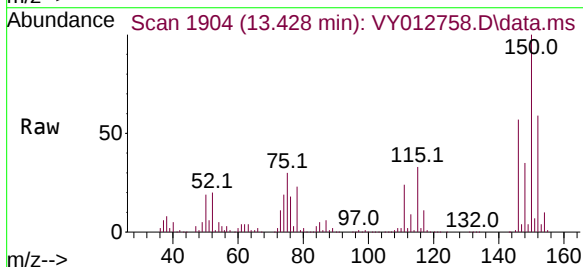
Tgt Ion:152 Resp: 79887

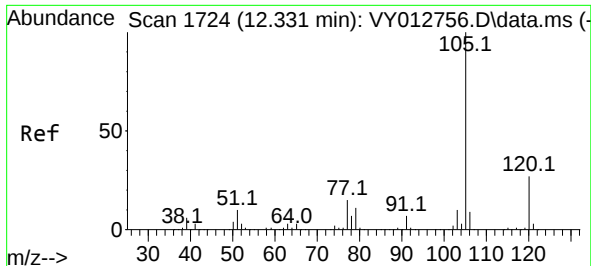
Ion Ratio Lower Upper

152 100

115 56.6 27.1 81.3

150 205.8 0.0 347.8

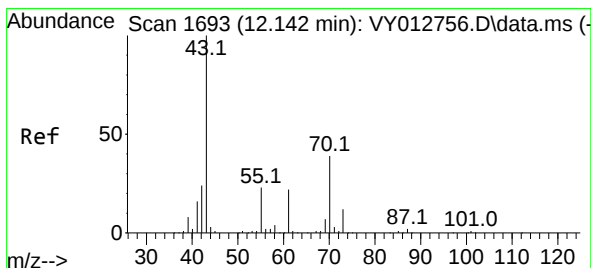
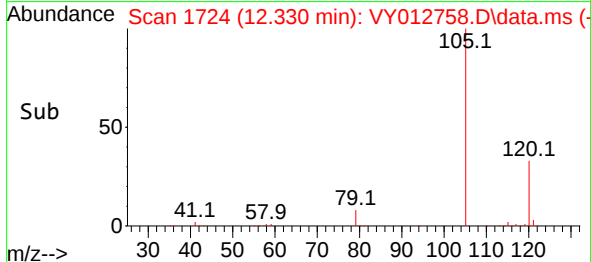
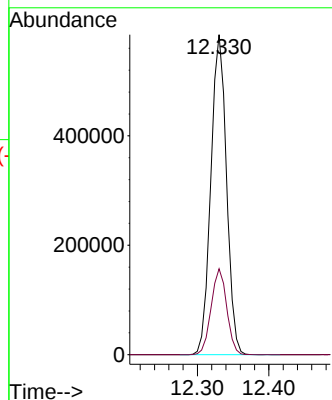
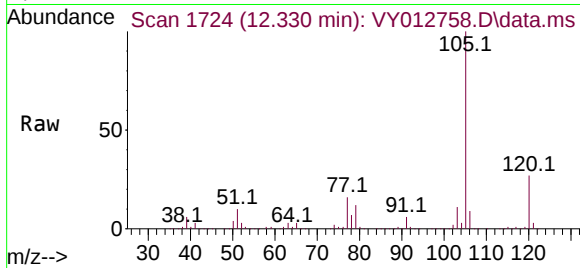




#73
Isopropylbenzene
Concen: 156.693 ug/l
RT: 12.330 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

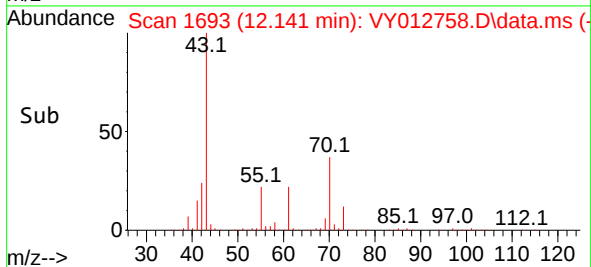
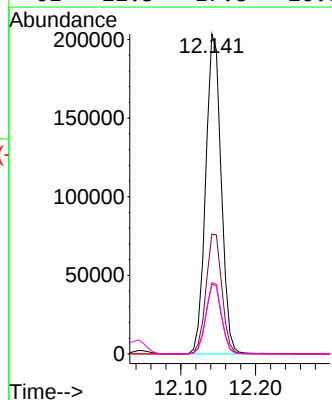
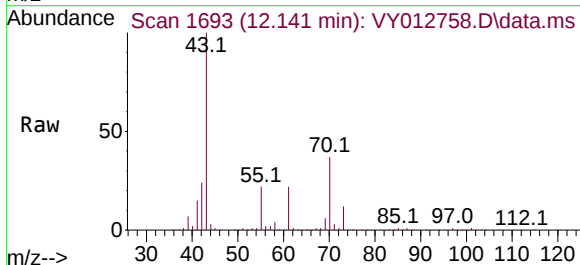
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

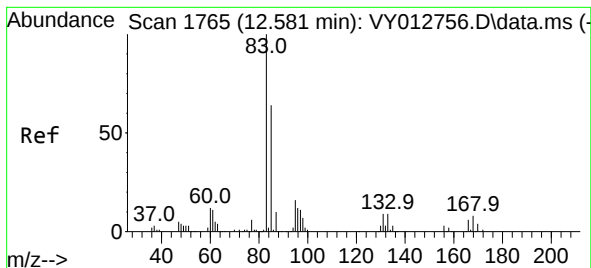
Tgt Ion:105 Resp: 887141
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 164.832 ug/l
RT: 12.141 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion: 43 Resp: 293626
Ion Ratio Lower Upper
43 100
70 38.4 31.6 47.4
55 22.1 18.8 28.2
61 22.3 17.8 26.8

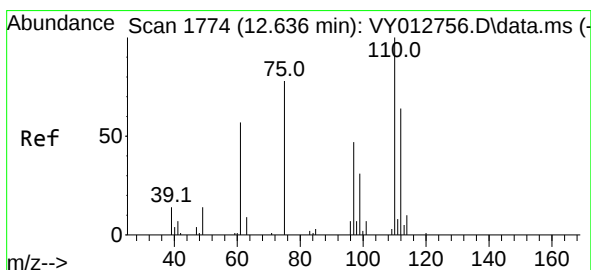
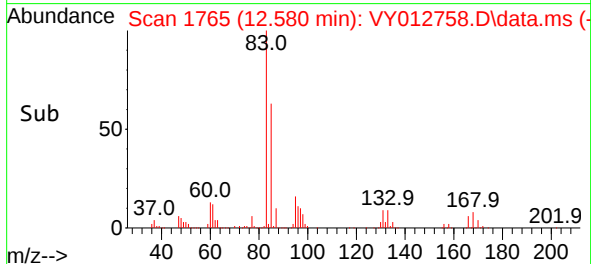
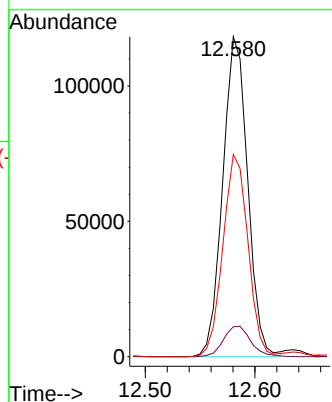
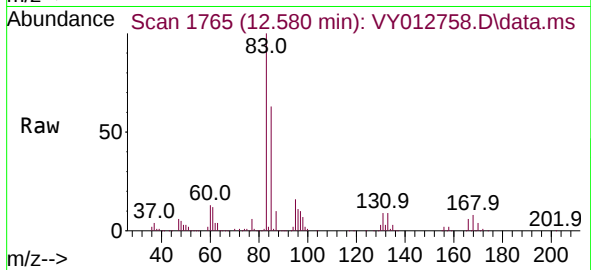




#75
 1,1,2,2-Tetrachloroethane
 Concen: 146.728 ug/l
 RT: 12.580 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY012758.D
 Acq: 02 Mar 2023 14:10

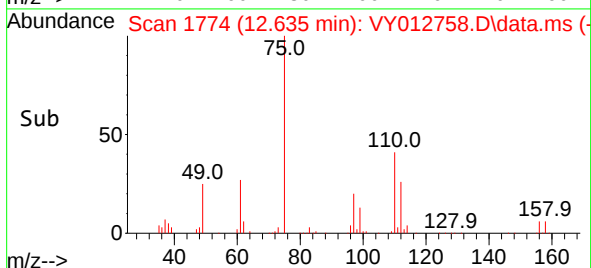
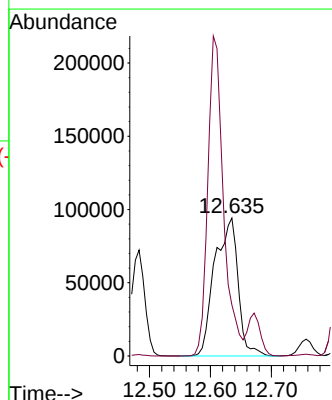
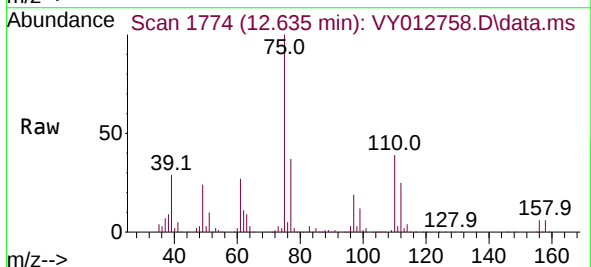
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

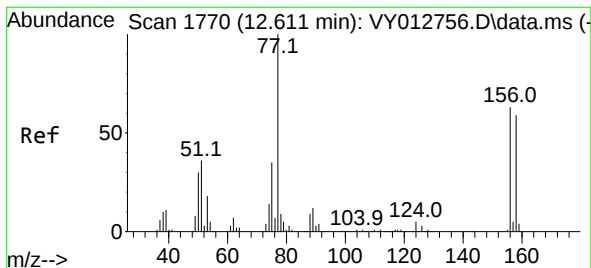
Tgt Ion: 83 Resp: 186741
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.1 15.2
 85 63.4 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 263.320 ug/l
 RT: 12.635 min Scan# 1774
 Delta R.T. -0.000 min
 Lab File: VY012758.D
 Acq: 02 Mar 2023 14:10

Tgt Ion: 75 Resp: 251202
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 150.399 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

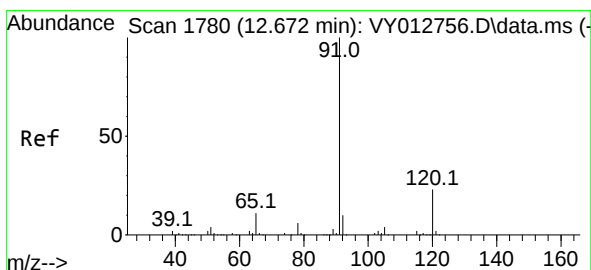
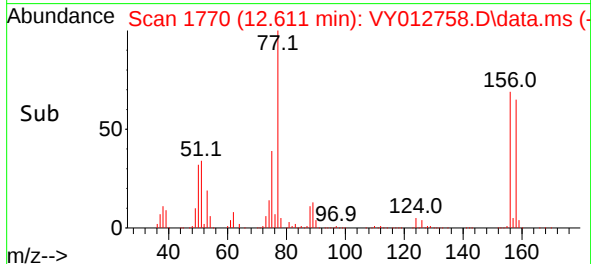
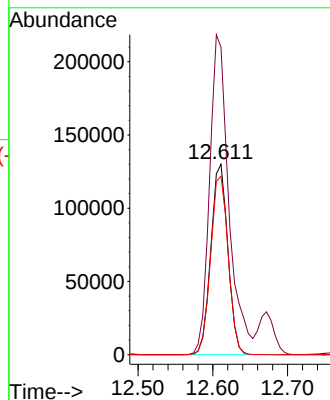
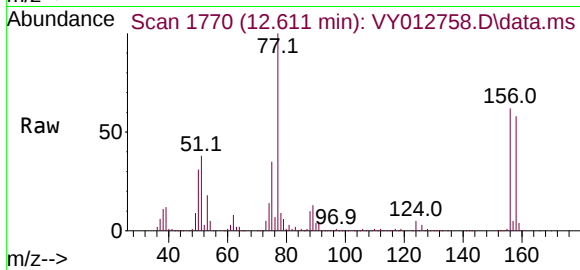
Tgt Ion:156 Resp: 206859

Ion Ratio Lower Upper

156 100

77 189.3 94.0 282.1

158 96.2 48.1 144.4



#78

n-propylbenzene

Concen: 155.414 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012758.D

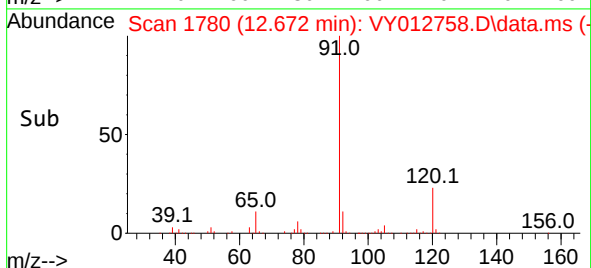
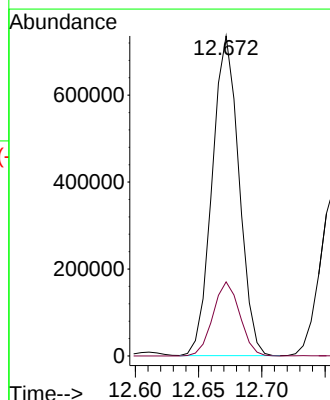
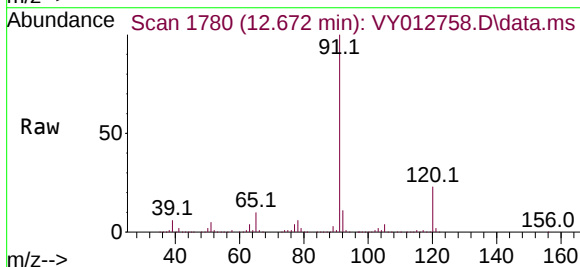
Acq: 02 Mar 2023 14:10

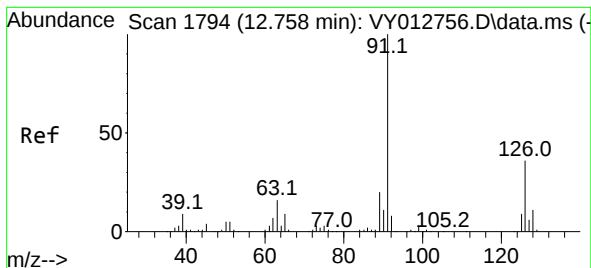
Tgt Ion: 91 Resp: 1084821

Ion Ratio Lower Upper

91 100

120 23.1 11.6 34.8

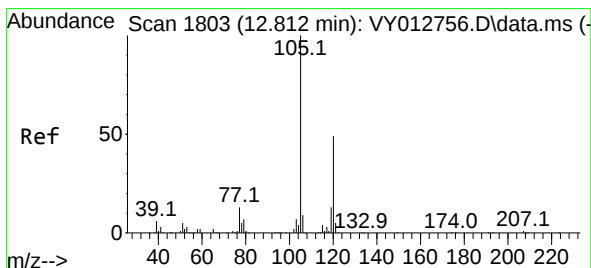
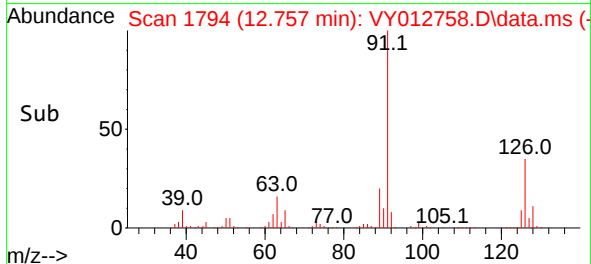
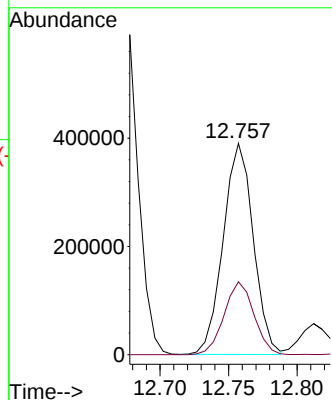
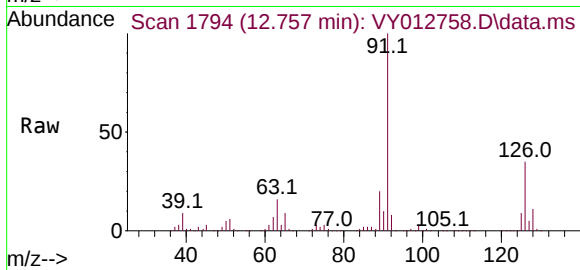




#79
2-Chlorotoluene
Concen: 153.733 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

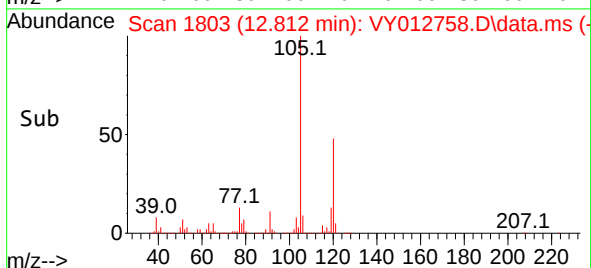
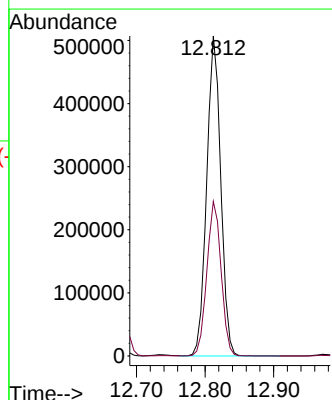
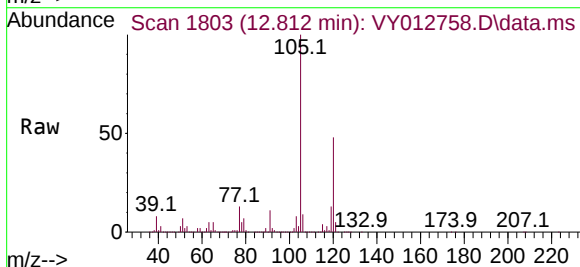
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 596402
Ion Ratio Lower Upper
91 100
126 34.3 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 154.836 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion: 105 Resp: 723448
Ion Ratio Lower Upper
105 100
120 49.0 24.8 74.4

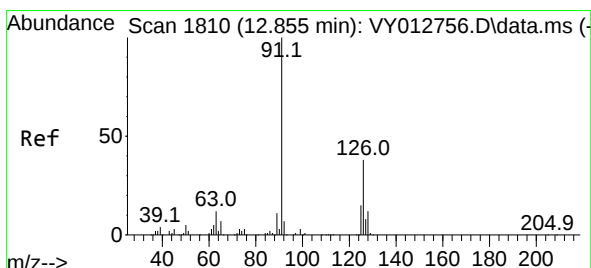
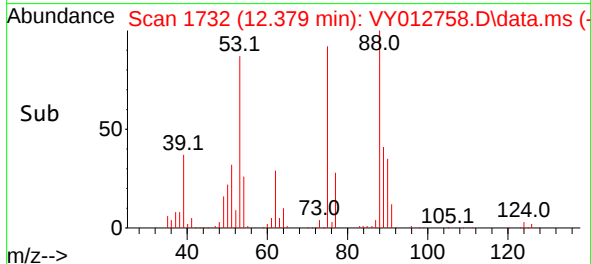
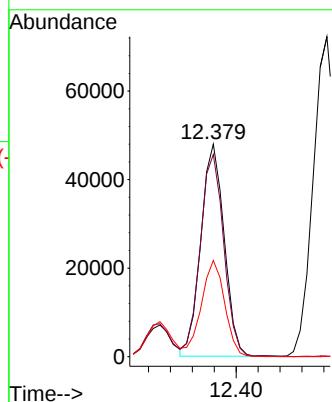
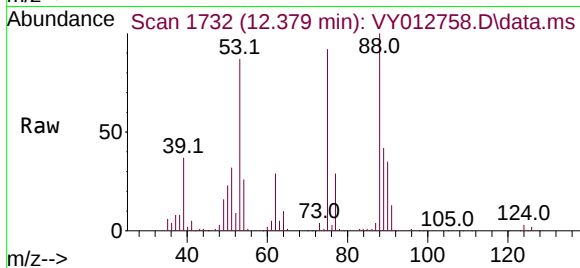




#81
trans-1,4-Dichloro-2-butene
Concen: 153.974 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

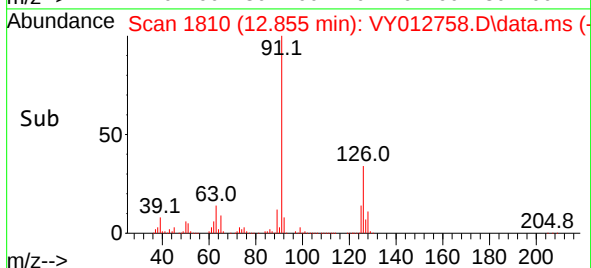
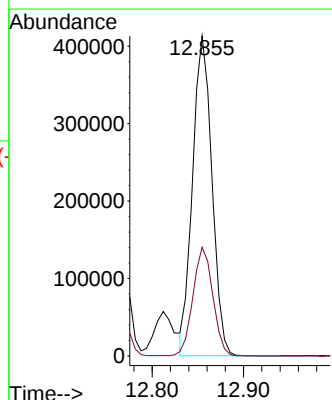
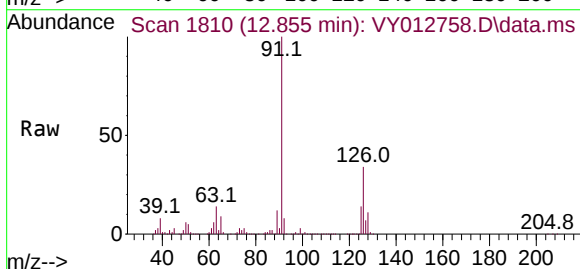
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

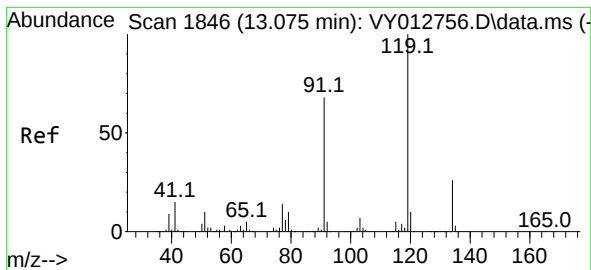
Tgt Ion:	75	Resp:	70891
Ion	Ratio	Lower	Upper
75	100		
53	96.6	73.4	110.0
89	45.8	36.6	55.0



#82
4-Chlorotoluene
Concen: 151.429 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion:	91	Resp:	608119
Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.7	53.1





#83

tert-Butylbenzene

Concen: 154.353 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

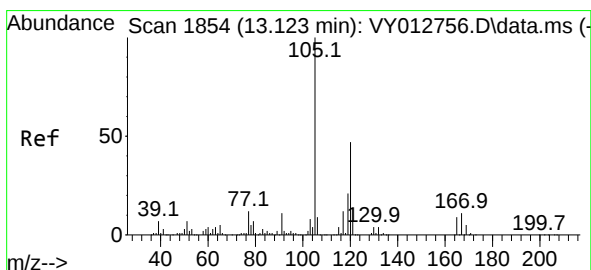
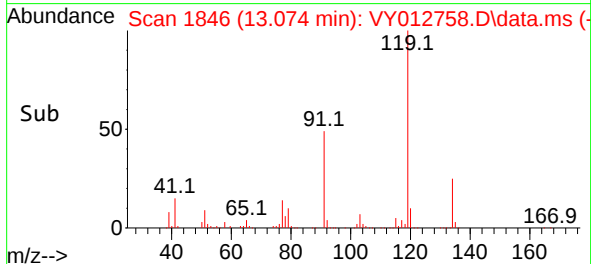
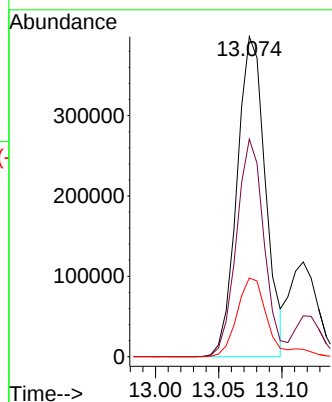
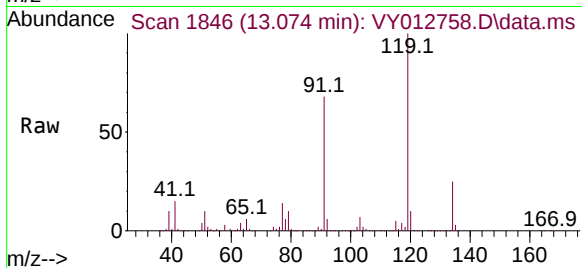
Tgt Ion:119 Resp: 622476

Ion Ratio Lower Upper

119 100

91 66.4 32.8 98.3

134 26.8 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 155.122 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY012758.D

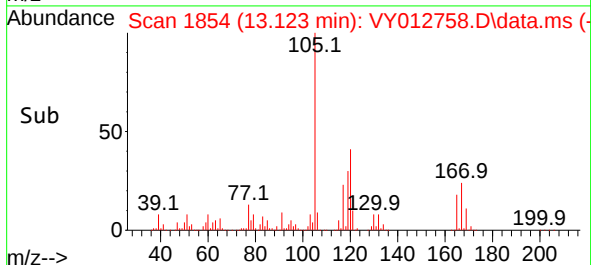
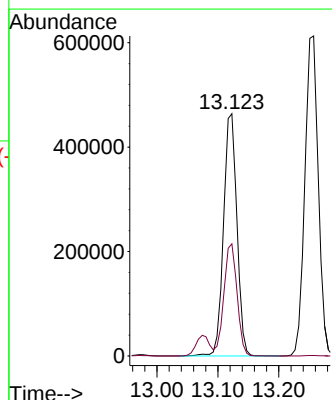
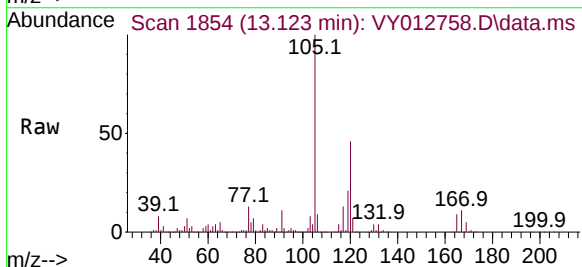
Acq: 02 Mar 2023 14:10

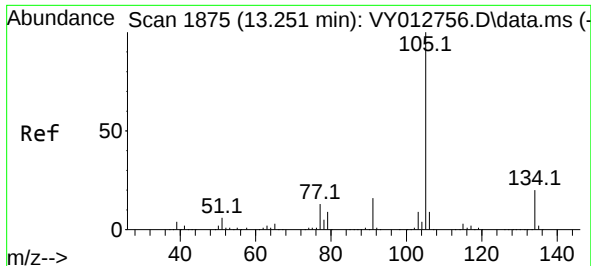
Tgt Ion:105 Resp: 708733

Ion Ratio Lower Upper

105 100

120 45.6 23.0 69.0

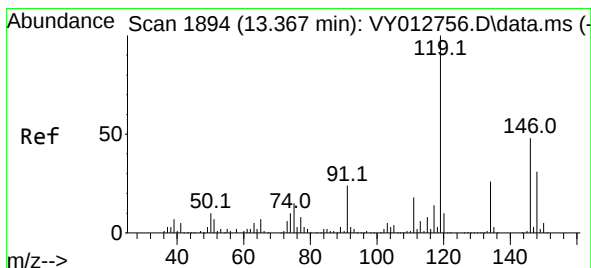
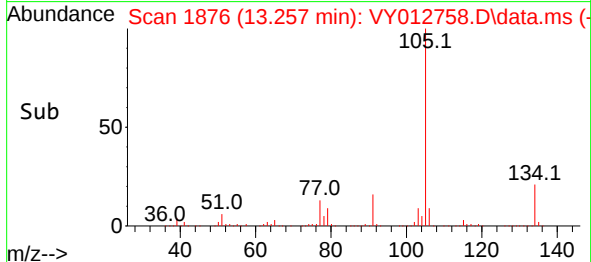
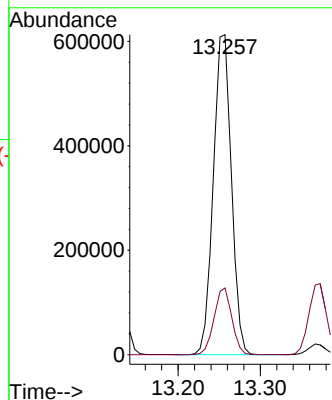
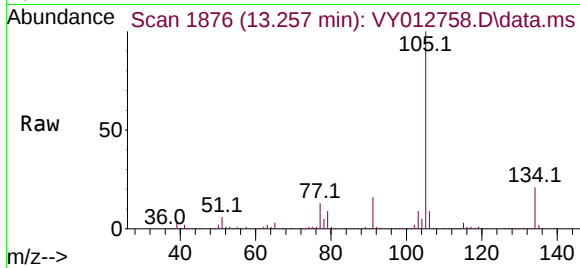




#85
 sec-Butylbenzene
 Concen: 151.957 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY012758.D
 Acq: 02 Mar 2023 14:10

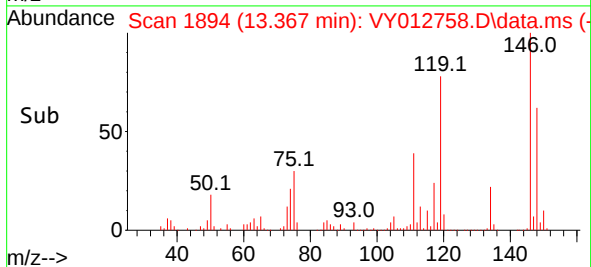
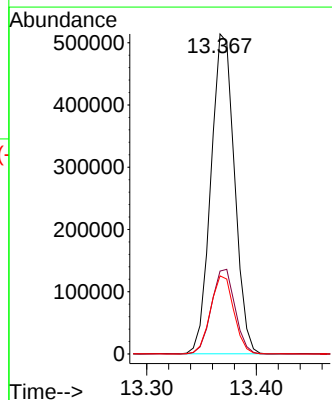
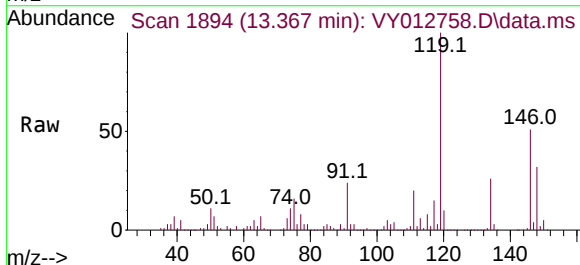
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

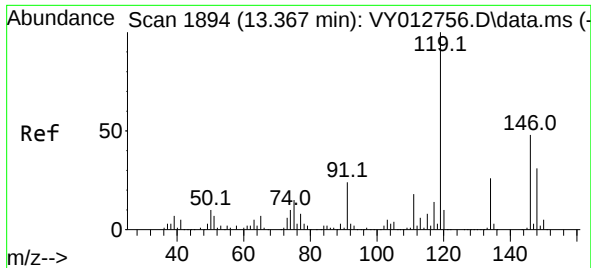
Tgt Ion:105 Resp: 934885
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 152.548 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY012758.D
 Acq: 02 Mar 2023 14:10

Tgt Ion:119 Resp: 767045
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.6
 91 24.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 146.832 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

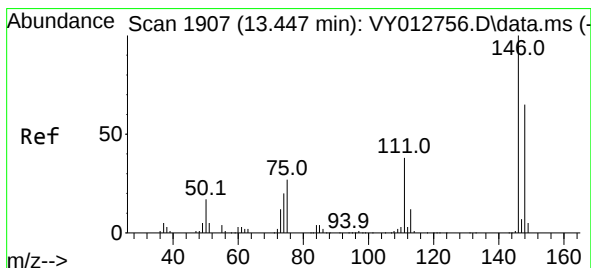
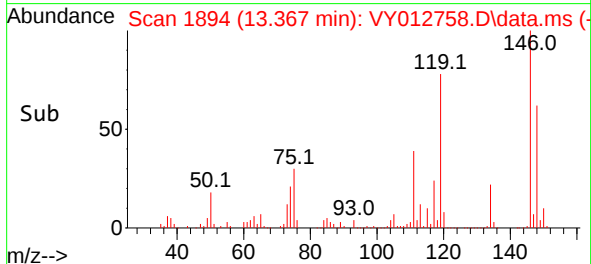
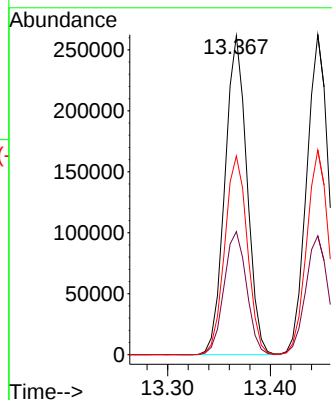
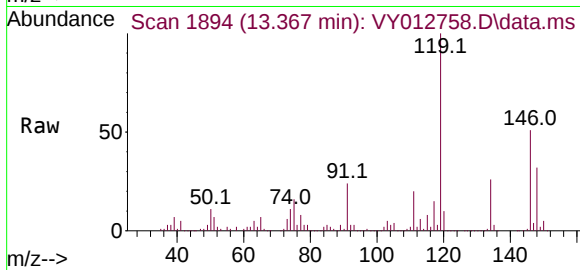
Tgt Ion:146 Resp: 389501

Ion Ratio Lower Upper

146 100

111 39.4 19.1 57.5

148 63.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 144.961 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

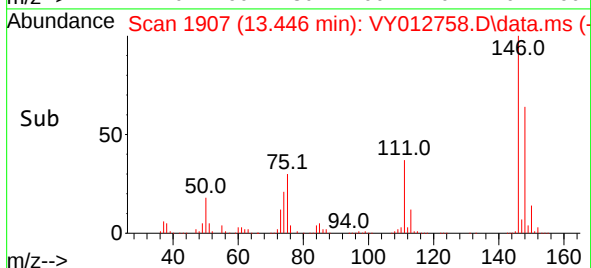
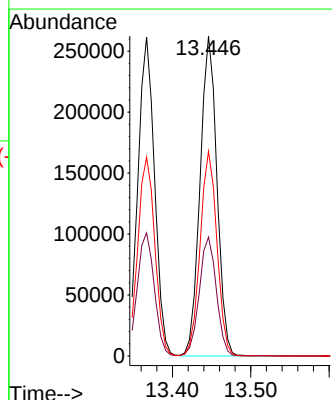
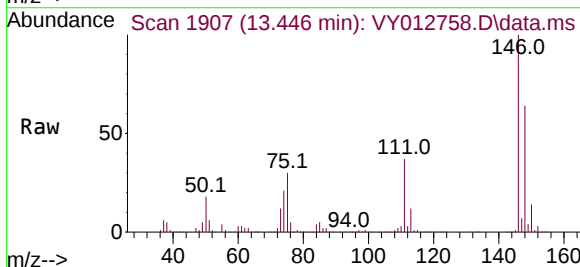
Tgt Ion:146 Resp: 392461

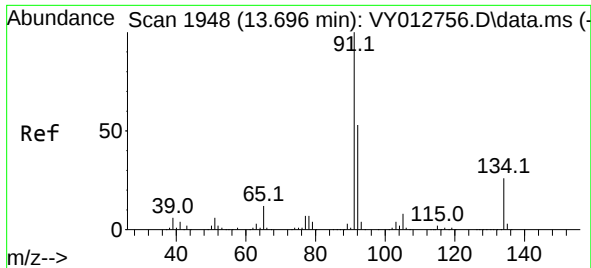
Ion Ratio Lower Upper

146 100

111 37.5 18.6 55.8

148 63.9 31.5 94.5

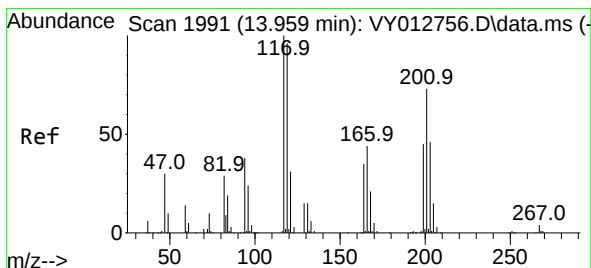
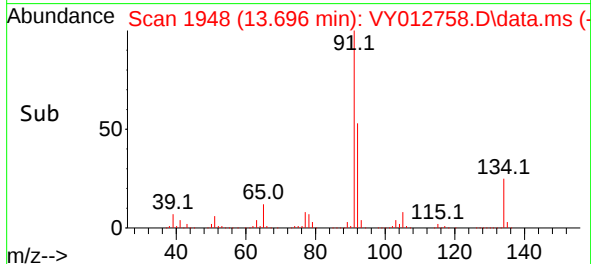
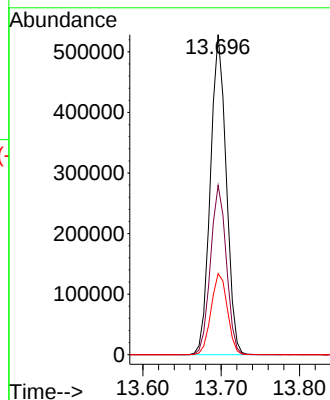
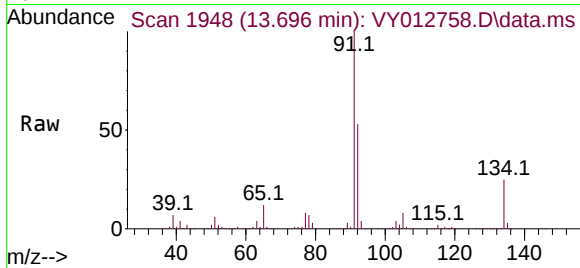




#89
n-Butylbenzene
Concen: 153.698 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

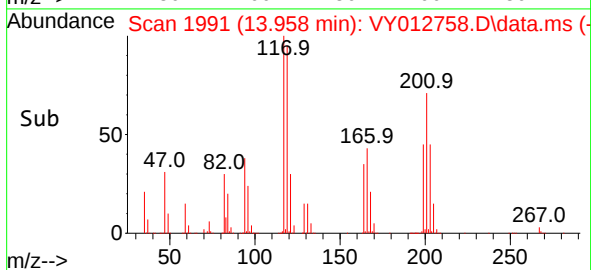
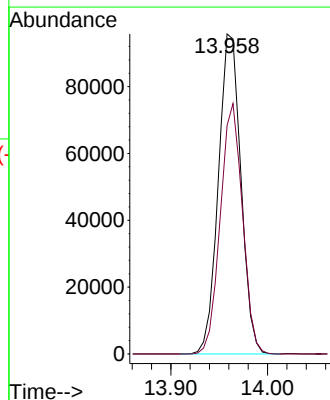
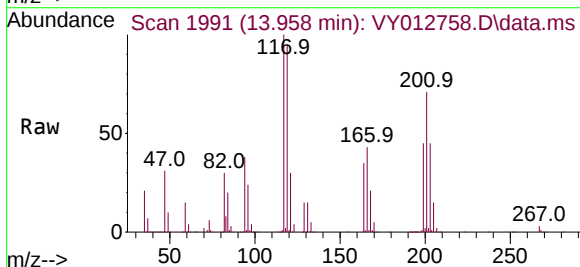
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

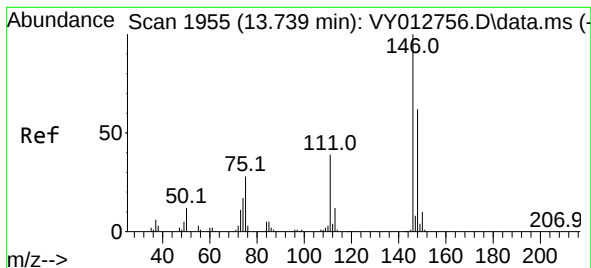
Tgt Ion: 91 Resp: 739841
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.0
134 26.1 13.0 38.9



#90
Hexachloroethane
Concen: 147.588 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY012758.D
Acq: 02 Mar 2023 14:10

Tgt Ion: 117 Resp: 154564
Ion Ratio Lower Upper
117 100
201 77.0 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 145.673 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

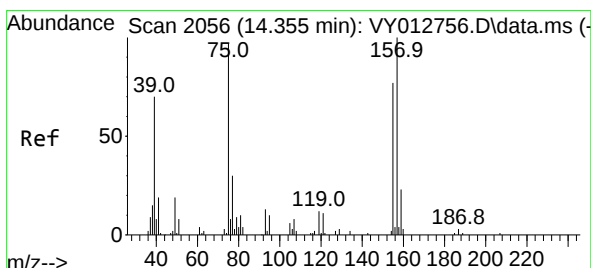
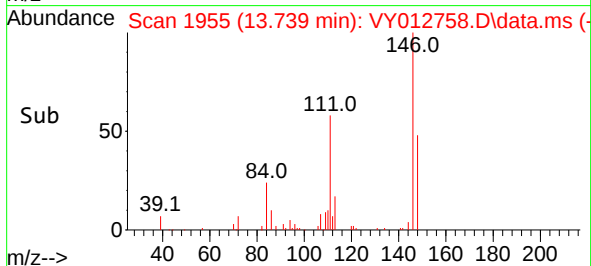
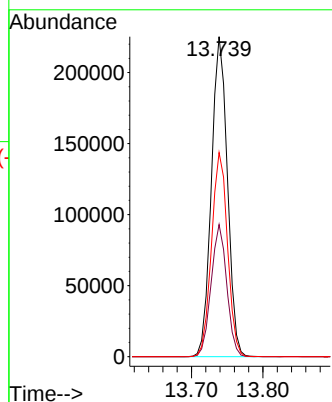
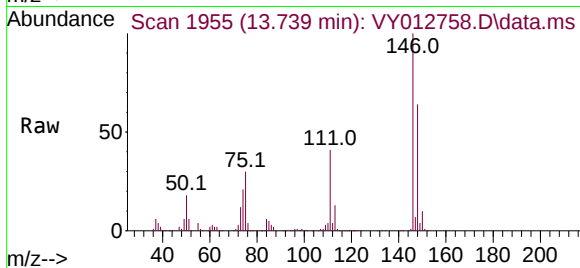
Tgt Ion:146 Resp: 349315

Ion Ratio Lower Upper

146 100

111 40.4 19.7 59.1

148 63.9 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 157.006 ug/l

RT: 14.354 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

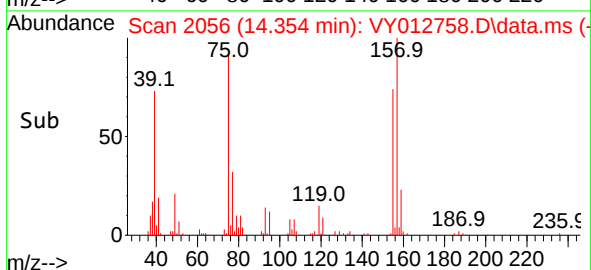
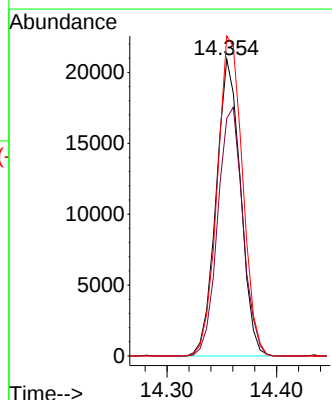
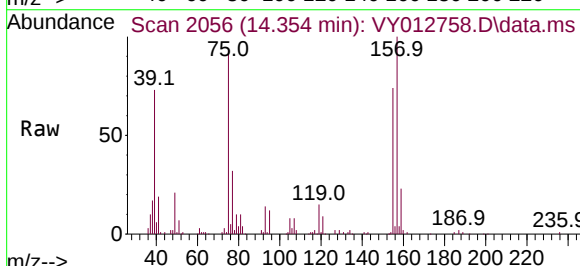
Tgt Ion: 75 Resp: 32294

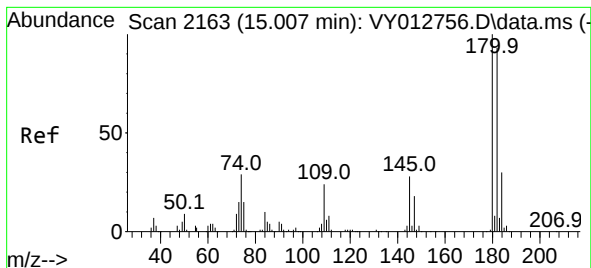
Ion Ratio Lower Upper

75 100

155 86.3 43.8 131.4

157 111.8 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 156.053 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

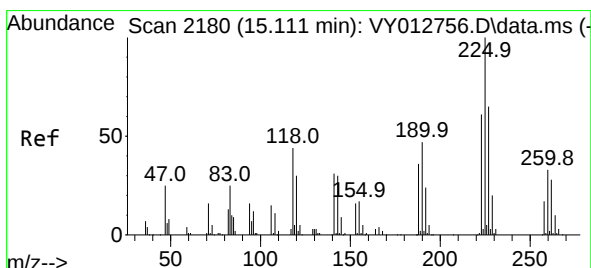
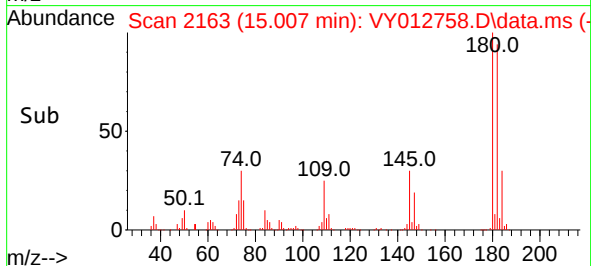
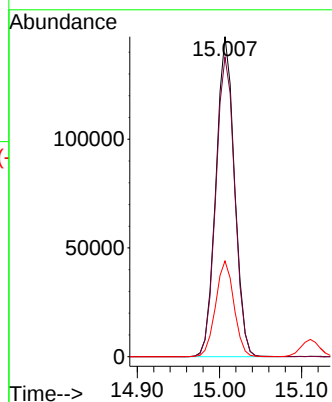
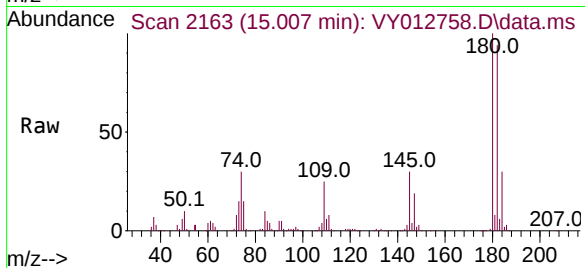
Tgt Ion:180 Resp: 230400

Ion Ratio Lower Upper

180 100

182 95.6 46.7 140.1

145 29.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 143.671 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

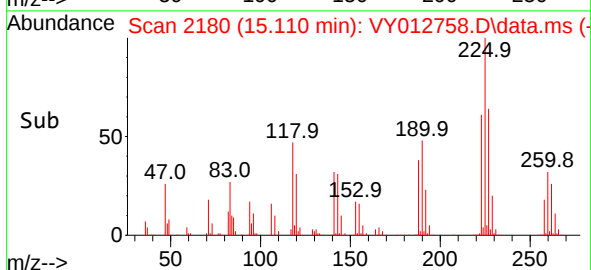
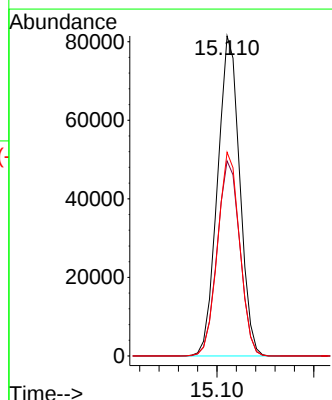
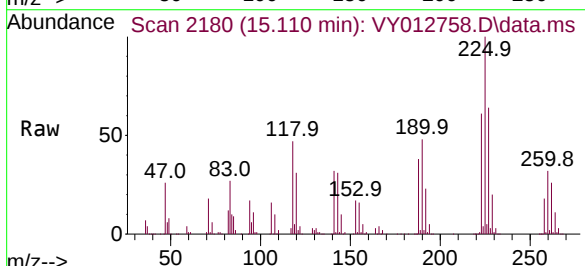
Tgt Ion:225 Resp: 129376

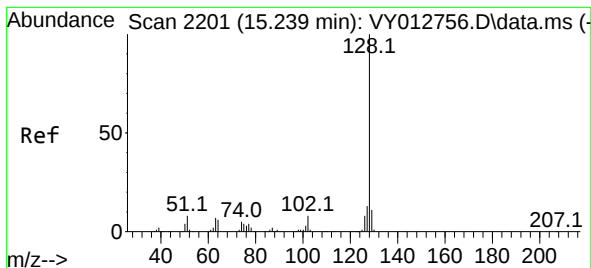
Ion Ratio Lower Upper

225 100

223 62.3 31.1 93.3

227 63.2 32.4 97.0





#95

Naphthalene

Concen: 171.997 ug/l

RT: 15.238 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

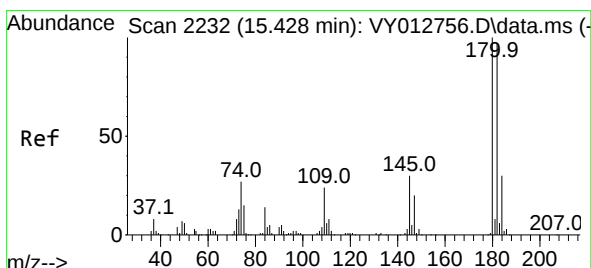
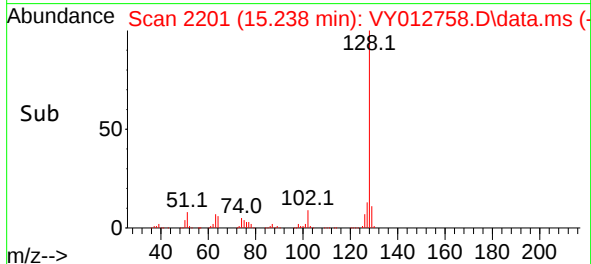
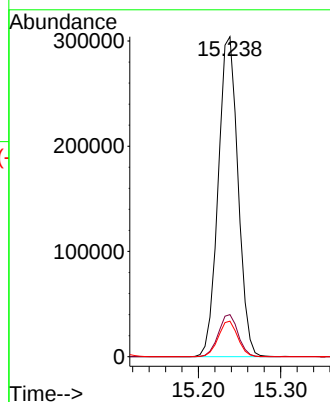
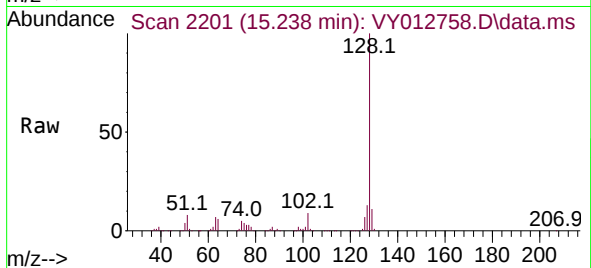
Tgt Ion:128 Resp: 508876

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 154.886 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.007 min

Lab File: VY012758.D

Acq: 02 Mar 2023 14:10

Tgt Ion:180 Resp: 203379

Ion Ratio Lower Upper

180 100

182 95.9 47.4 142.3

145 31.9 15.3 45.8

