

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012754.D
 Acq On : 02 Mar 2023 12:40
 Operator : KP/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Mar 03 01:00:05 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	115411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	180695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	161052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81914	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	12010	10.481	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.960%#
35) Dibromofluoromethane	7.716	113	11329	10.389	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.780%#
50) Toluene-d8	10.179	98	41616	10.439	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	20.880%#
62) 4-Bromofluorobenzene	12.483	95	14164	10.526	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	21.060%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	12702	11.166	ug/l	92
3) Chloromethane	2.113	50	14720	10.824	ug/l	97
4) Vinyl Chloride	2.253	62	13318	10.680	ug/l	97
5) Bromomethane	2.643	94	8304	10.959	ug/l	88
6) Chloroethane	2.790	64	8041	10.767	ug/l	100
7) Trichlorofluoromethane	3.125	101	21679	10.467	ug/l	98
8) Diethyl Ether	3.534	74	7818	10.771	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	13099	10.512	ug/l	98
10) Methyl Iodide	4.088	142	15319	9.435	ug/l	98
11) Tert butyl alcohol	4.942	59	9394	55.613	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	11864	9.983	ug/l	95
13) Acrolein	3.729	56	10303	51.321	ug/l	100
14) Allyl chloride	4.479	41	20803	9.476	ug/l	96
15) Acrylonitrile	5.161	53	19770	51.695	ug/l	99
16) Acetone	3.942	43	21986	48.883	ug/l	98
17) Carbon Disulfide	4.192	76	41988	10.379	ug/l	99
18) Methyl Acetate	4.472	43	13832	10.327	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	30145	9.820	ug/l	98
20) Methylene Chloride	4.710	84	18169	8.812	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	13526	10.473	ug/l	95
22) Diisopropyl ether	6.112	45	40725	10.213	ug/l	90
23) Vinyl Acetate	6.058	43	123459	49.832	ug/l	99
24) 1,1-Dichloroethane	6.015	63	23369	10.285	ug/l	97
25) 2-Butanone	6.990	43	27860	50.011	ug/l	93
26) 2,2-Dichloropropane	6.984	77	20695	10.255	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	14155	10.223	ug/l	98
28) Bromochloromethane	7.332	49	9179	11.055	ug/l	100
29) Tetrahydrofuran	7.344	42	16954	50.461	ug/l	98
30) Chloroform	7.502	83	23169	10.323	ug/l	99
31) Cyclohexane	7.783	56	22761	10.372	ug/l #	85
32) 1,1,1-Trichloroethane	7.704	97	20806	10.251	ug/l	98
36) 1,1-Dichloropropene	7.917	75	18480	10.113	ug/l	99
37) Ethyl Acetate	7.070	43	12209	10.600	ug/l	97
38) Carbon Tetrachloride	7.905	117	19081	10.111	ug/l	99
39) Methylcyclohexane	9.185	83	21079	9.702	ug/l	99
40) Benzene	8.161	78	52696	10.194	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	15398	25.499	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	15898	10.230	ug/l	99
43) Isopropyl Acetate	8.271	43	20337	9.897	ug/l #	92
44) Trichloroethene	8.941	130	13909	10.205	ug/l	99
45) 1,2-Dichloropropane	9.215	63	13676	10.468	ug/l	99
46) Dibromomethane	9.307	93	7804	10.485	ug/l	97
47) Bromodichloromethane	9.496	83	17497	9.976	ug/l	97
48) Methyl methacrylate	9.289	41	8738	9.228	ug/l	96
49) 1,4-Dioxane	9.295	88	1916	199.137	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	56134	50.359	ug/l	99
52) Toluene	10.246	92	31071	9.967	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	18256	9.924	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	20933	10.053	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	10971	10.585	ug/l	95
56) Ethyl methacrylate	10.508	69	12937	9.361	ug/l	97
57) 1,3-Dichloropropane	10.788	76	17935	10.159	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	35798	49.341	ug/l	100
59) 2-Hexanone	10.831	43	39417	48.655	ug/l	98
60) Dibromochloromethane	10.983	129	12980	10.288	ug/l	100
61) 1,2-Dibromoethane	11.087	107	10487	10.503	ug/l	99
64) Tetrachloroethene	10.721	164	12251	10.448	ug/l	91
65) Chlorobenzene	11.514	112	34052	10.074	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	12973	10.372	ug/l	98
67) Ethyl Benzene	11.593	91	58566	9.855	ug/l	99
68) m/p-Xylenes	11.703	106	45472	19.890	ug/l	100
69) o-Xylene	12.032	106	20494	9.605	ug/l	100
70) Styrene	12.044	104	34560	9.706	ug/l	100
71) Bromoform	12.209	173	8547	10.481	ug/l #	94
73) Isopropylbenzene	12.331	105	55554	9.570	ug/l	99
74) N-amyl acetate	12.142	43	17226	9.431	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	13286	10.181	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	16552	16.921	ug/l #	100
77) Bromobenzene	12.611	156	13925	9.874	ug/l	97
78) n-propylbenzene	12.672	91	68802	9.613	ug/l	99
79) 2-Chlorotoluene	12.758	91	39182	9.850	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	46904	9.790	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	4617	9.780	ug/l	99
82) 4-Chlorotoluene	12.855	91	40380	9.806	ug/l	98
83) tert-Butylbenzene	13.075	119	39472	9.546	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	46304	9.884	ug/l	98
85) sec-Butylbenzene	13.251	105	60836	9.644	ug/l	100
86) p-Isopropyltoluene	13.373	119	49317	9.565	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	27481	10.103	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	27862	10.037	ug/l	96
89) n-Butylbenzene	13.696	91	47196	9.562	ug/l	98
90) Hexachloroethane	13.965	117	10451	9.732	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	24681	10.038	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1986	9.417	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	14183	9.369	ug/l	99
94) Hexachlorobutadiene	15.111	225	9161	9.921	ug/l	97
95) Naphthalene	15.239	128	26198	8.636	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	13044	9.688	ug/l	99

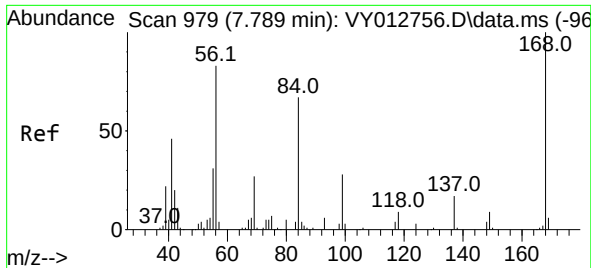
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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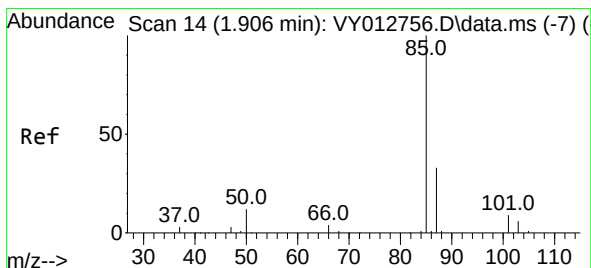
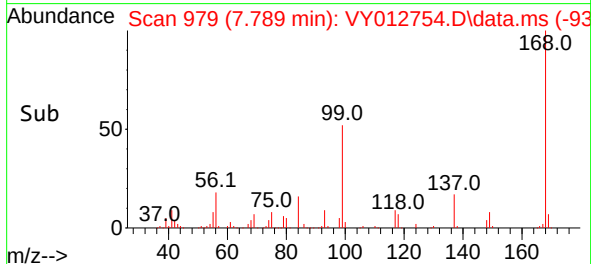
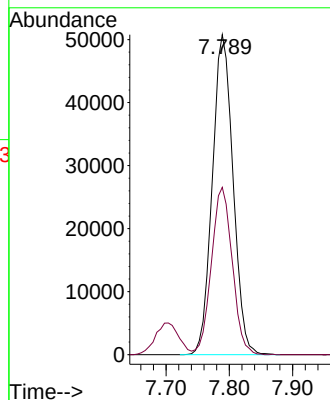
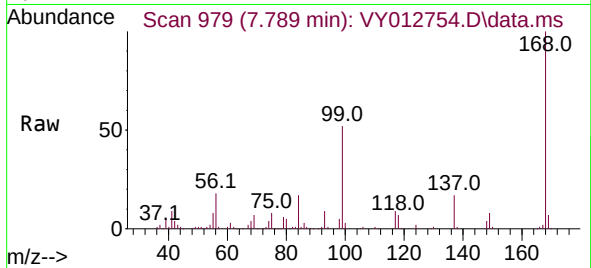
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

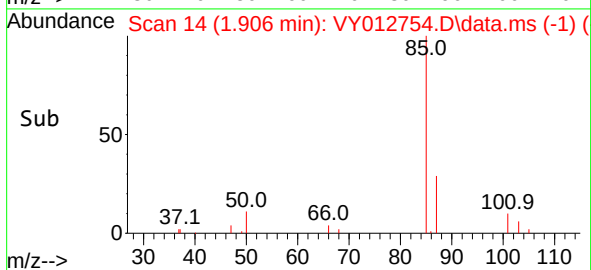
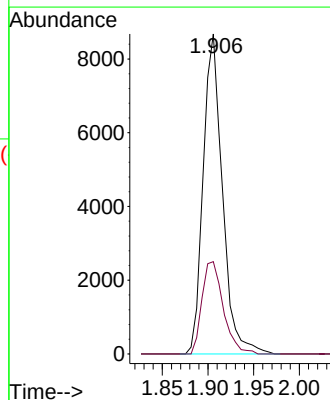
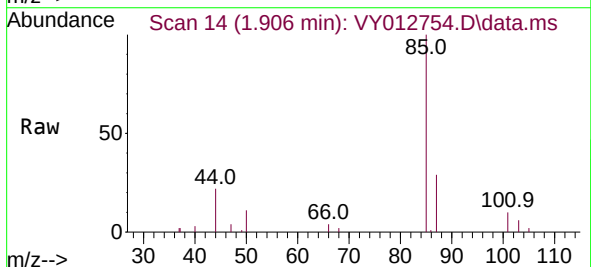
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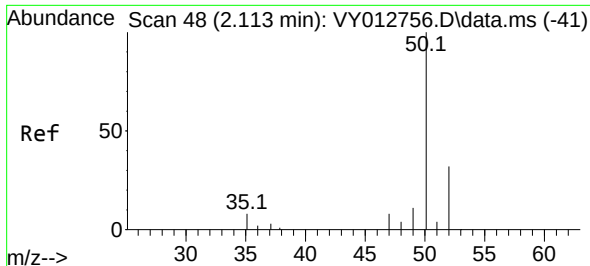
Tgt Ion:168 Resp: 115411
Ion Ratio Lower Upper
168 100
99 52.3 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 11.166 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

Tgt Ion: 85 Resp: 12702
Ion Ratio Lower Upper
85 100
87 28.9 16.7 50.0

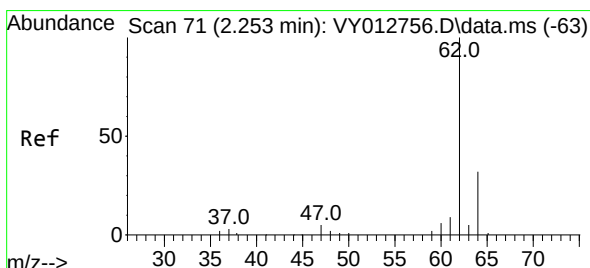
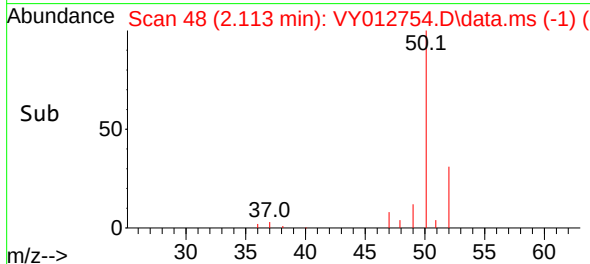
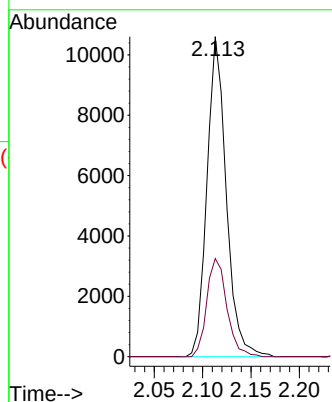
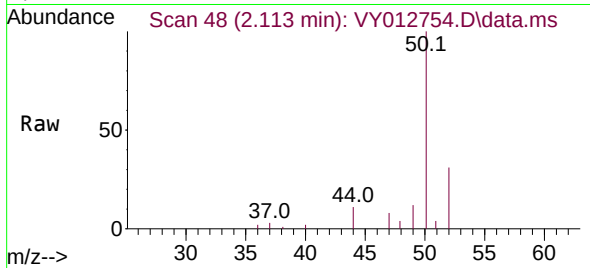




#3
Chloromethane
Concen: 10.824 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

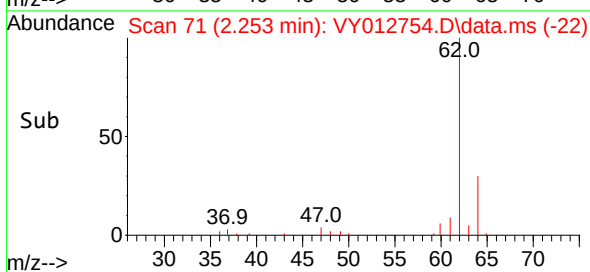
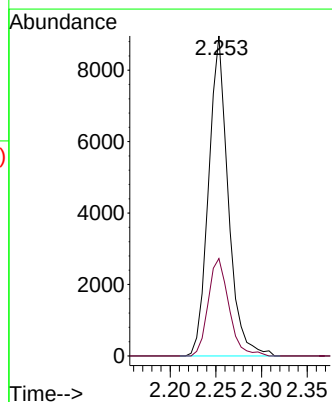
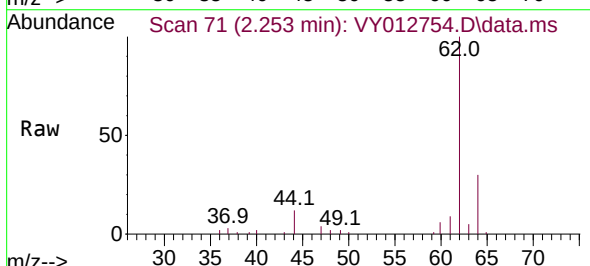
Instrument :
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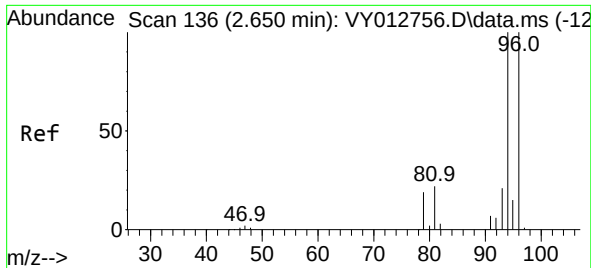
Tgt Ion: 50 Resp: 14720
Ion Ratio Lower Upper
50 100
52 30.7 26.0 39.0



#4
Vinyl Chloride
Concen: 10.680 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

Tgt Ion: 62 Resp: 13318
Ion Ratio Lower Upper
62 100
64 30.5 25.6 38.4





#5

Bromomethane

Concen: 10.959 ug/l

RT: 2.643 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

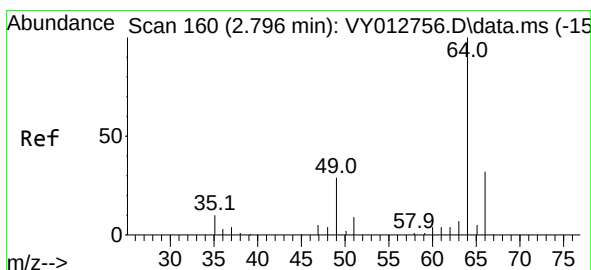
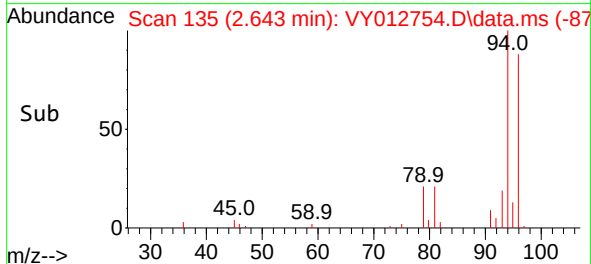
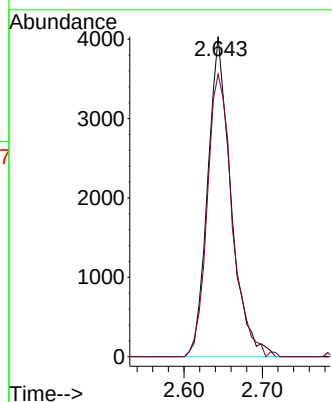
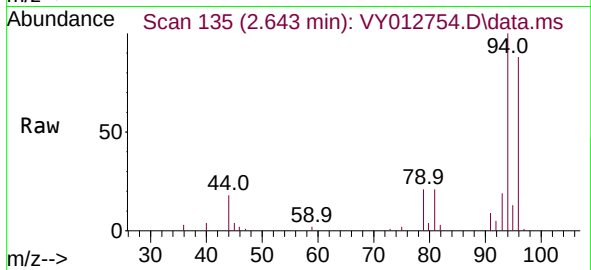
VSTDIC010

Tgt Ion: 94 Resp: 8304

Ion Ratio Lower Upper

94 100

96 88.3 80.3 120.5



#6

Chloroethane

Concen: 10.767 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY012754.D

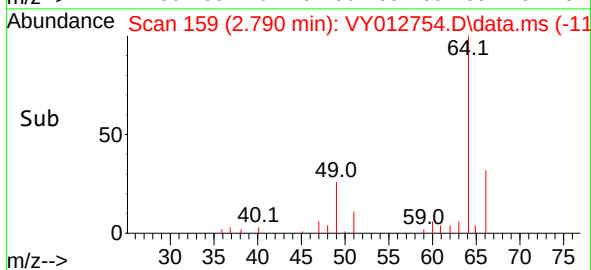
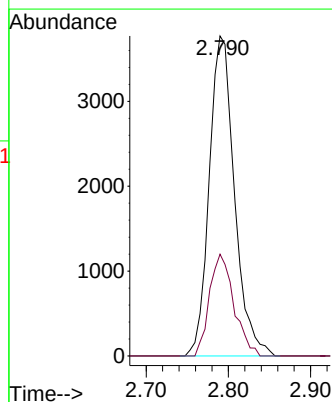
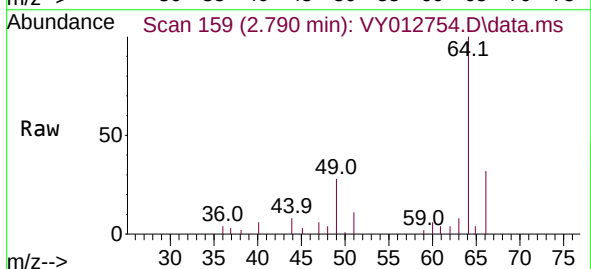
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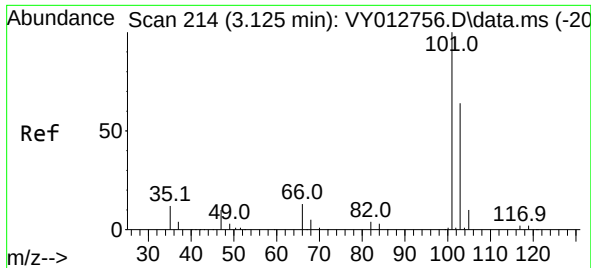
Tgt Ion: 64 Resp: 8041

Ion Ratio Lower Upper

64 100

66 31.8 25.7 38.5

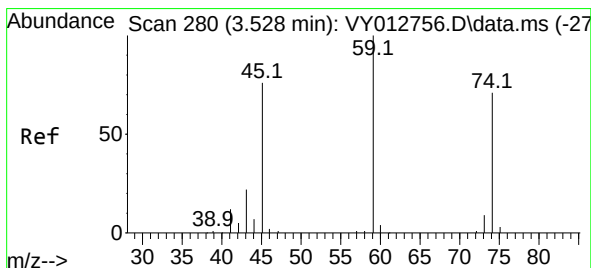
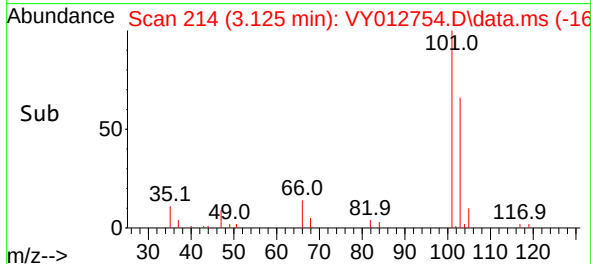
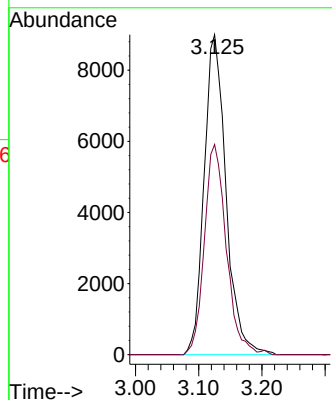
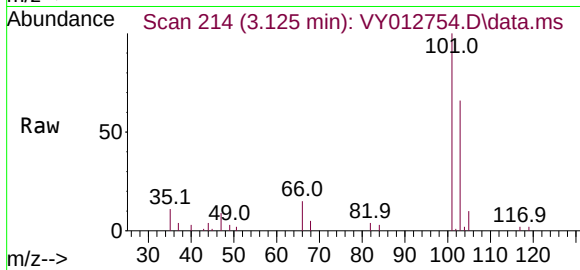




#7
Trichlorofluoromethane
Concen: 10.467 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY012754.D
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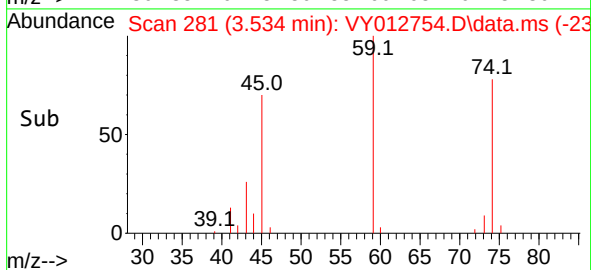
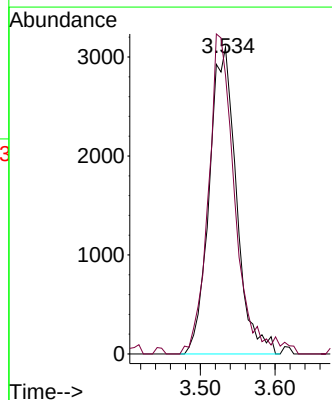
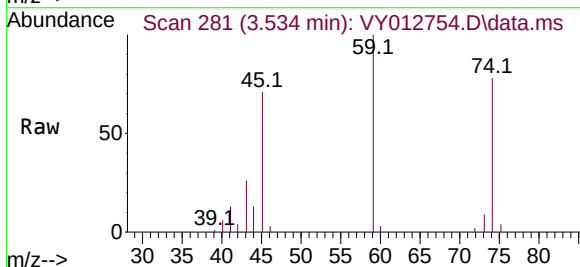
Instrument :
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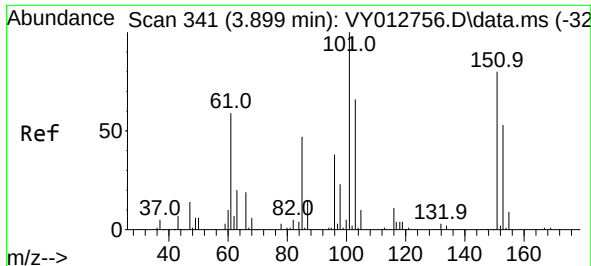
Tgt Ion:101 Resp: 21679
Ion Ratio Lower Upper
101 100
103 65.7 51.5 77.3



#8
Diethyl Ether
Concen: 10.771 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

Tgt Ion: 74 Resp: 7818
Ion Ratio Lower Upper
74 100
45 99.7 52.1 156.4

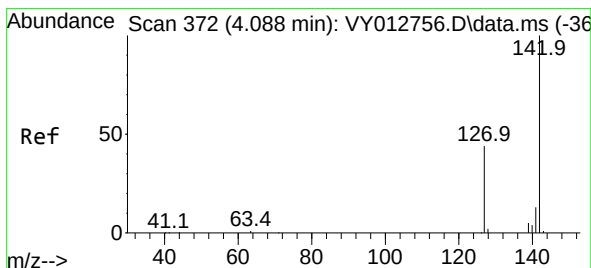
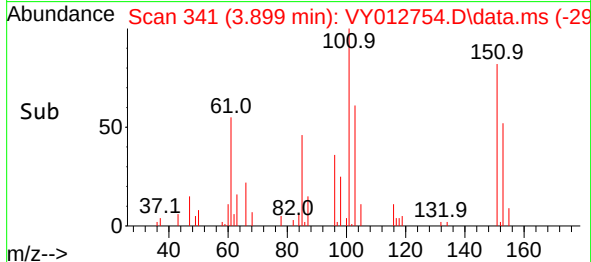
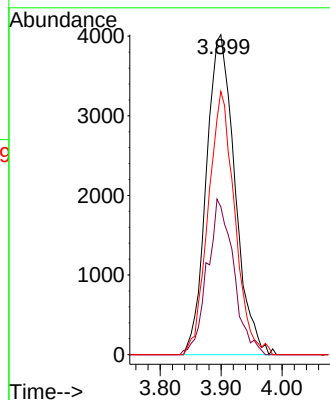
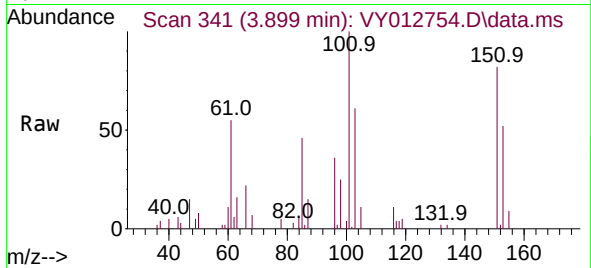




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.512 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY012754.D
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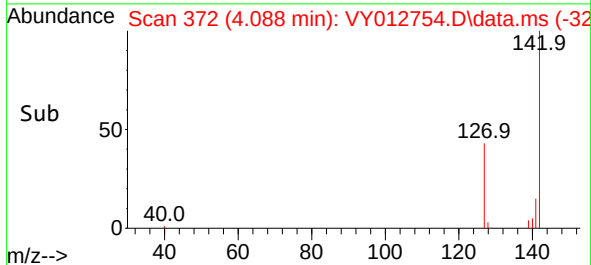
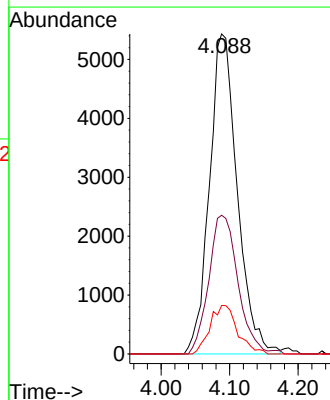
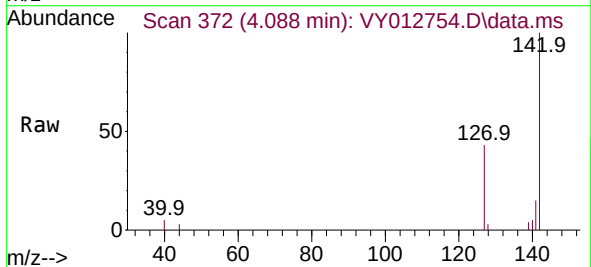
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ClientSampleId :
VSTDIC010

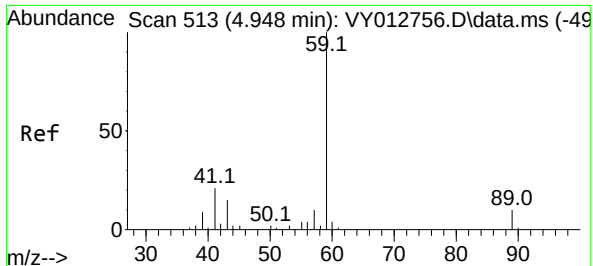
Tgt Ion:101 Resp: 13099
Ion Ratio Lower Upper
101 100
85 44.9 35.3 52.9
151 76.6 63.1 94.7



#10
Methyl Iodide
Concen: 9.435 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

Tgt Ion:142 Resp: 15319
Ion Ratio Lower Upper
142 100
127 45.6 35.4 53.2
141 15.0 11.3 16.9





#11

Tert butyl alcohol

Concen: 55.613 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

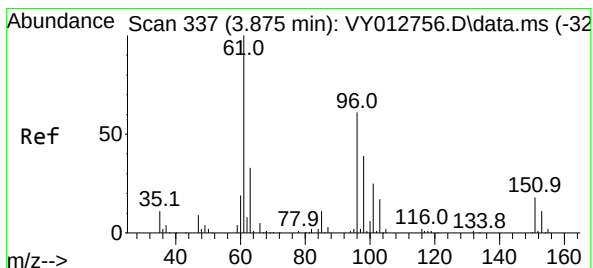
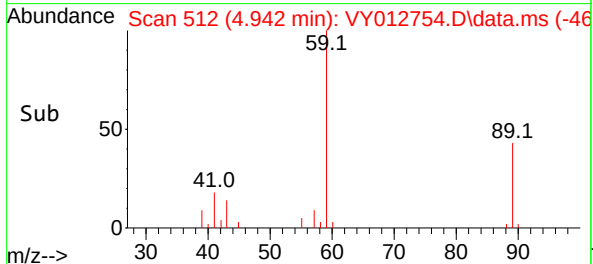
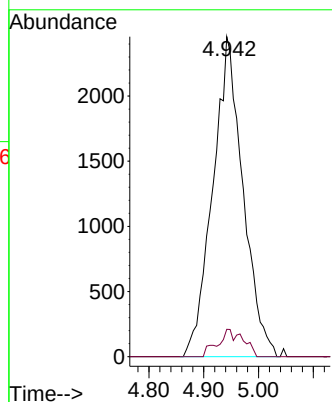
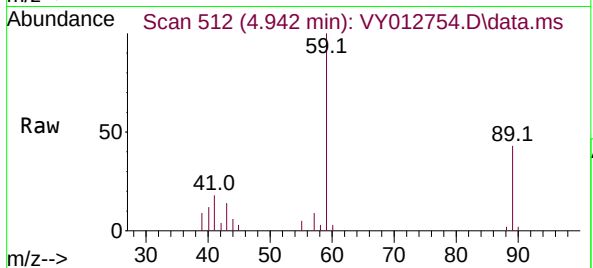
VSTDIC010

Tgt Ion: 59 Resp: 9394

Ion Ratio Lower Upper

59 100

57 7.1 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 9.983 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

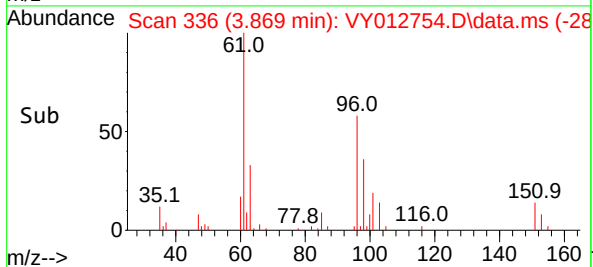
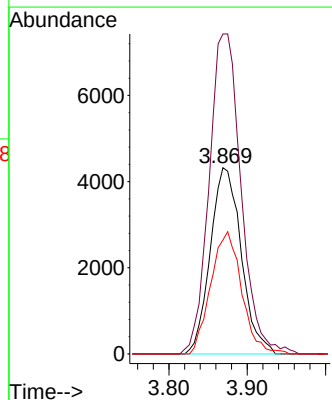
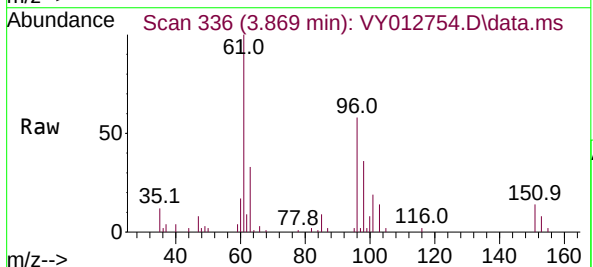
Tgt Ion: 96 Resp: 11864

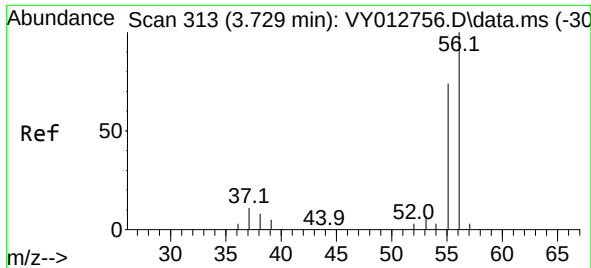
Ion Ratio Lower Upper

96 100

61 171.9 131.7 197.5

98 61.2 52.0 78.0





#13

Acrolein

Concen: 51.321 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

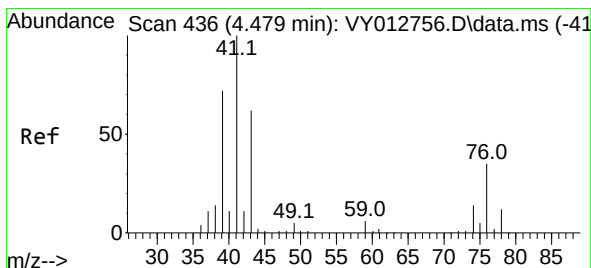
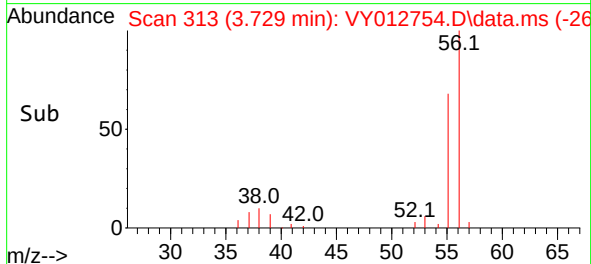
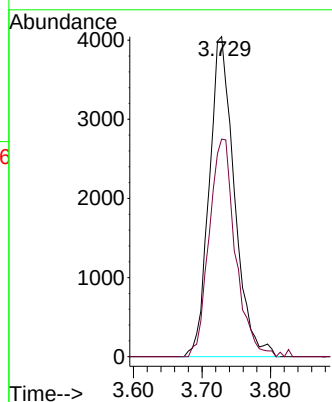
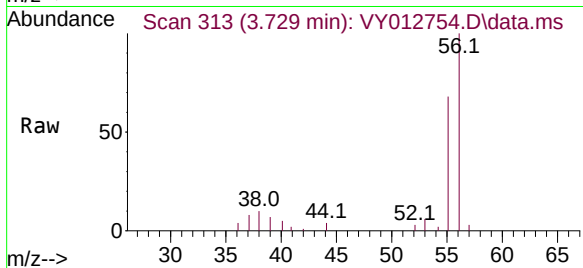
VSTDICC010

Tgt Ion: 56 Resp: 10303

Ion Ratio Lower Upper

56 100

55 70.9 56.8 85.2



#14

Allyl chloride

Concen: 9.476 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

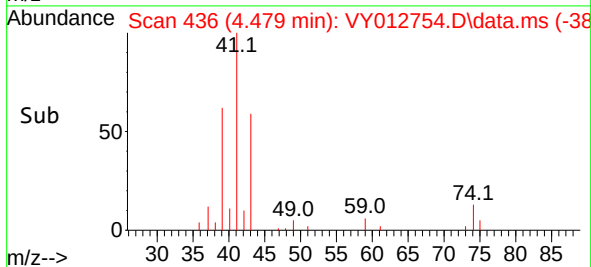
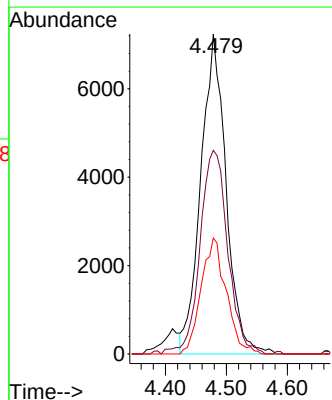
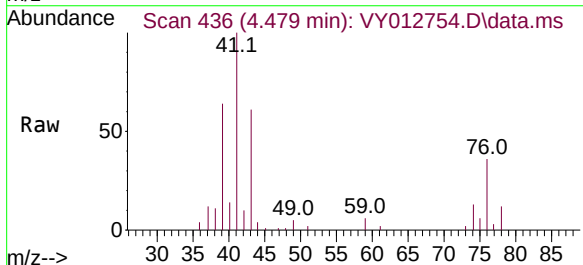
Tgt Ion: 41 Resp: 20803

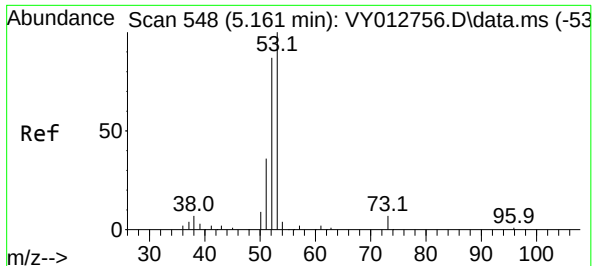
Ion Ratio Lower Upper

41 100

39 70.4 53.6 80.4

76 36.2 27.2 40.8

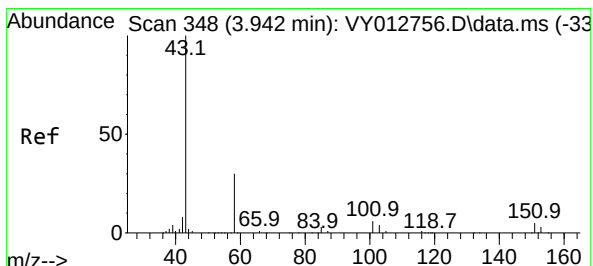
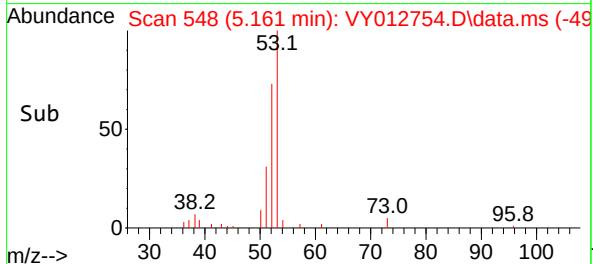
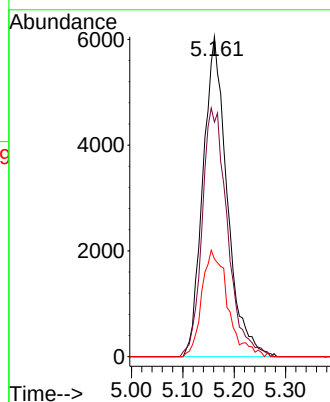
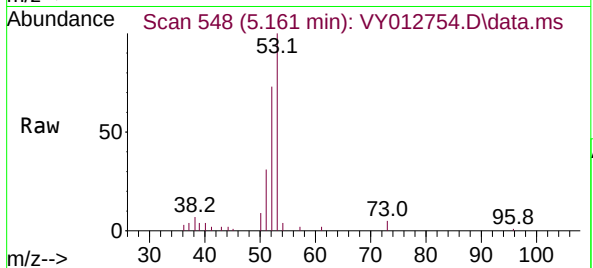




#15
Acrylonitrile
Concen: 51.695 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

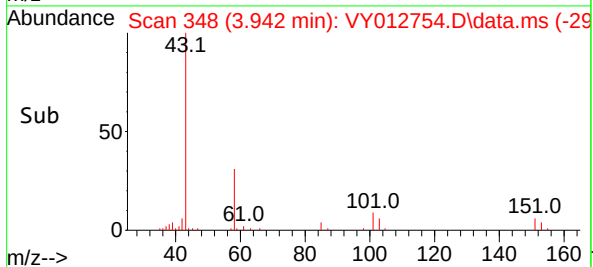
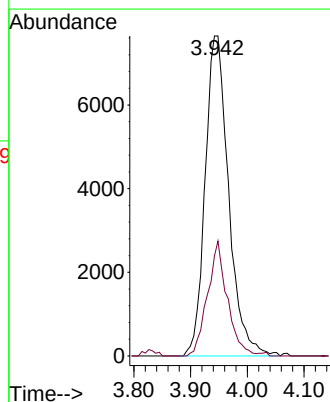
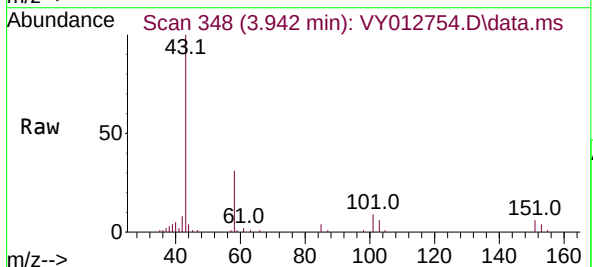
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

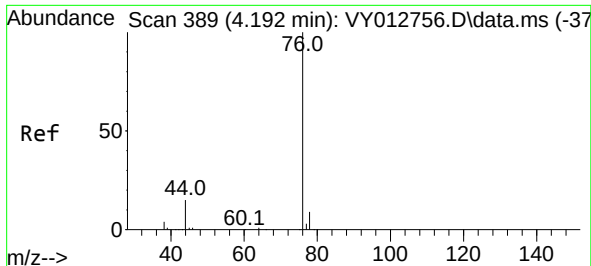
Tgt Ion:	53	Resp:	19770
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.3	99.5
51	35.7	28.8	43.2



#16
Acetone
Concen: 48.883 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

Tgt Ion:	43	Resp:	21986
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.2	36.2

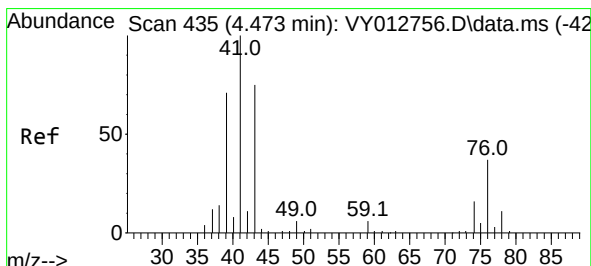
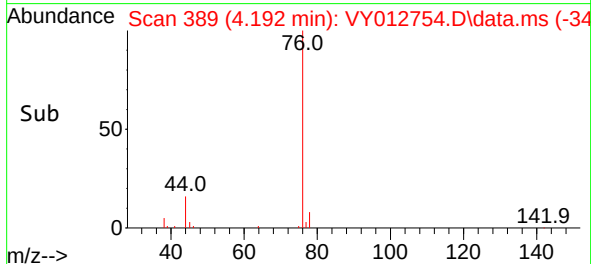
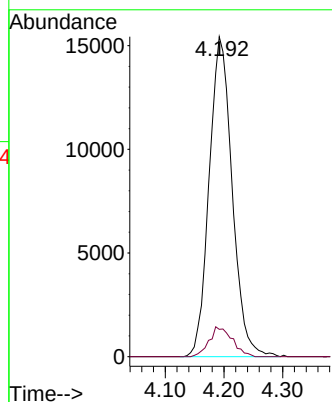
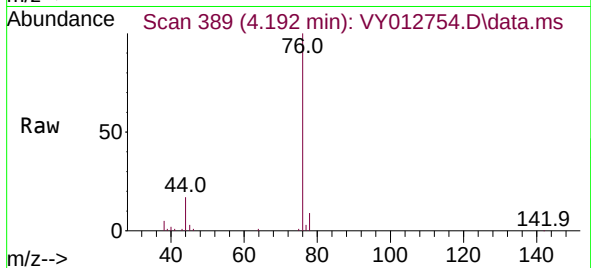




#17
Carbon Disulfide
Concen: 10.379 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

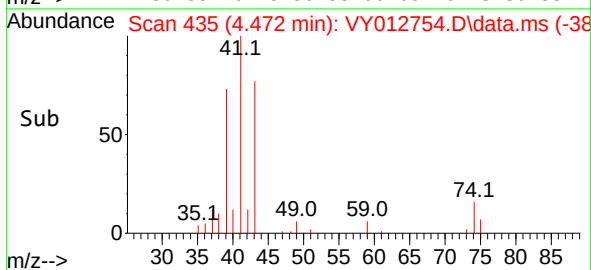
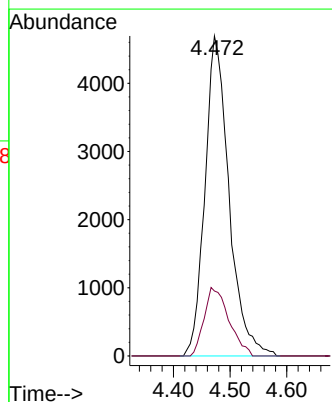
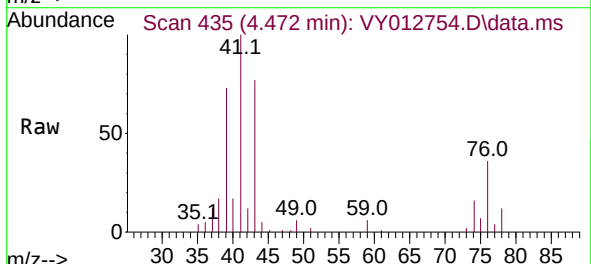
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

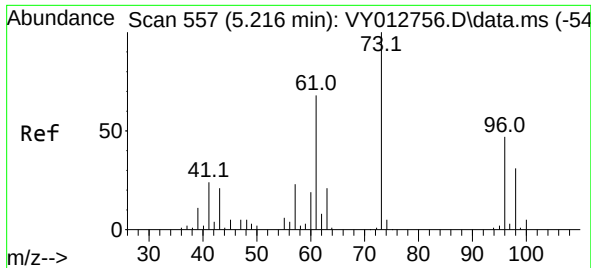
Tgt Ion: 76 Resp: 41988
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#18
Methyl Acetate
Concen: 10.327 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

Tgt Ion: 43 Resp: 13832
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.0

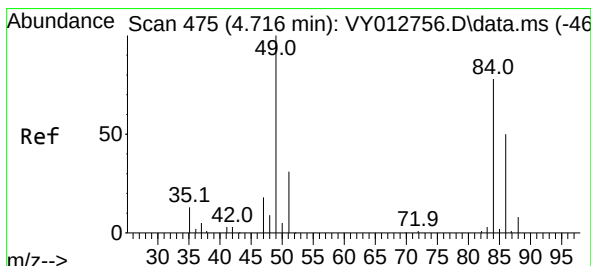
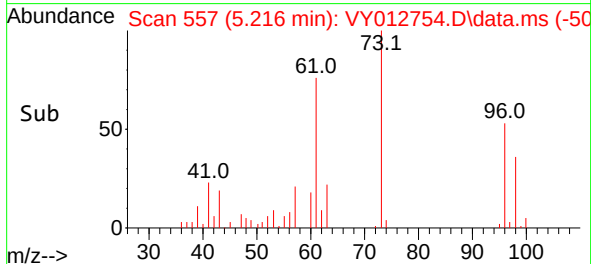
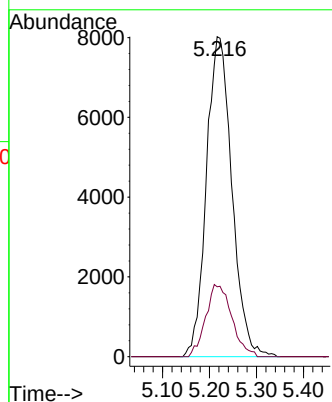
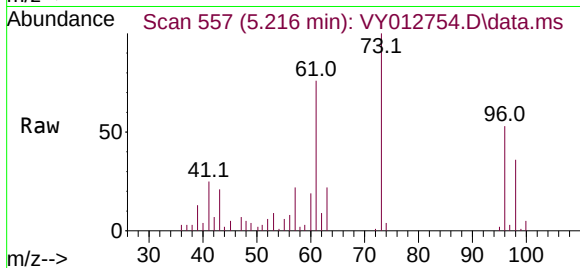




#19
Methyl tert-butyl Ether
Concen: 9.820 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

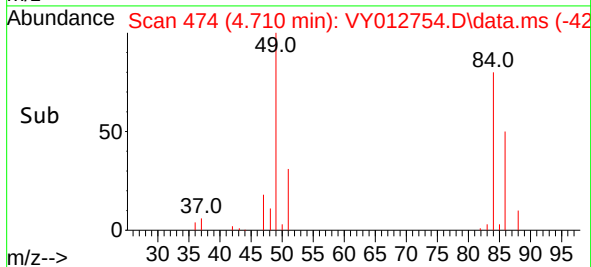
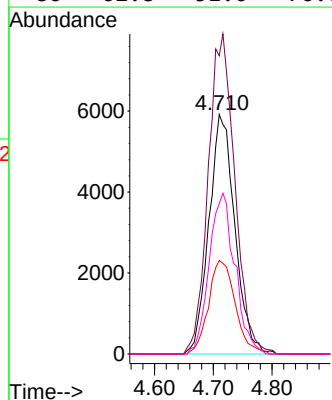
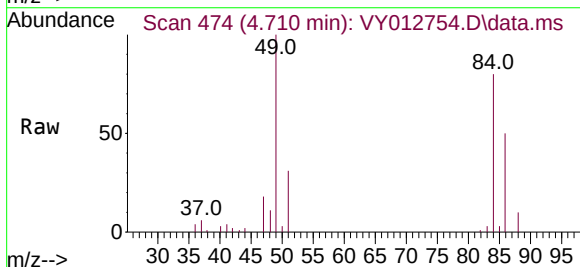
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

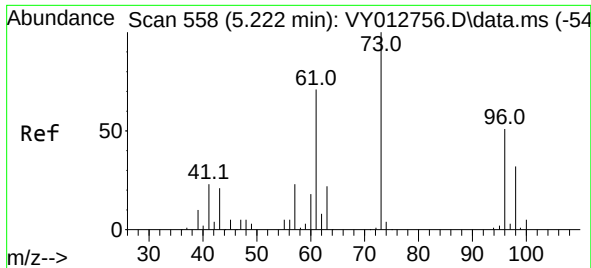
Tgt Ion: 73 Resp: 30145
Ion Ratio Lower Upper
73 100
57 21.8 18.3 27.5



#20
Methylene Chloride
Concen: 8.812 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

Tgt Ion: 84 Resp: 18169
Ion Ratio Lower Upper
84 100
49 124.5 102.6 154.0
51 39.0 31.9 47.9
86 62.8 51.0 76.6

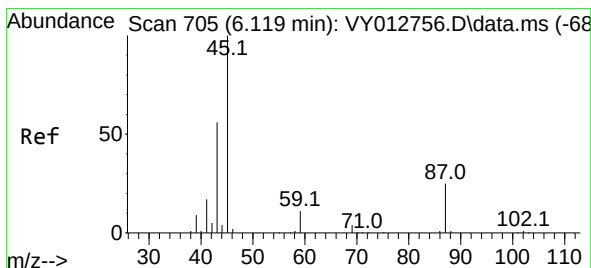
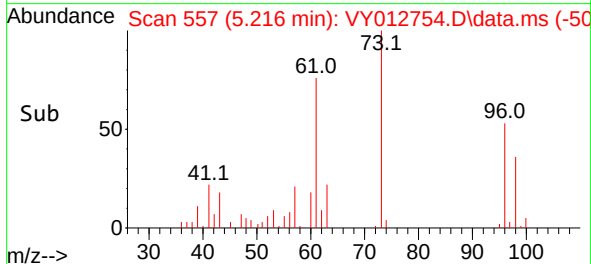
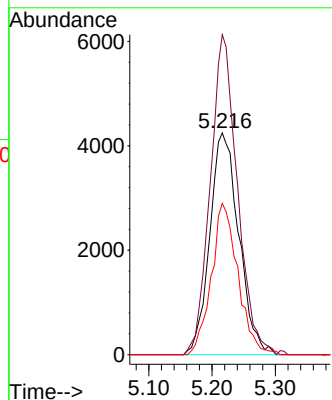
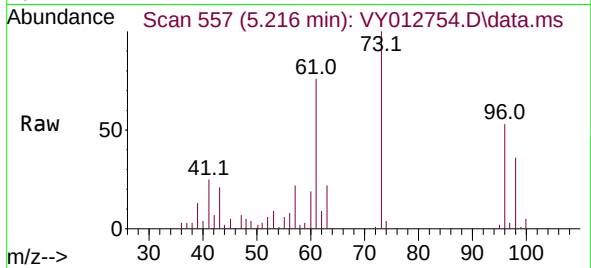




#21
trans-1,2-Dichloroethene
Concen: 10.473 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

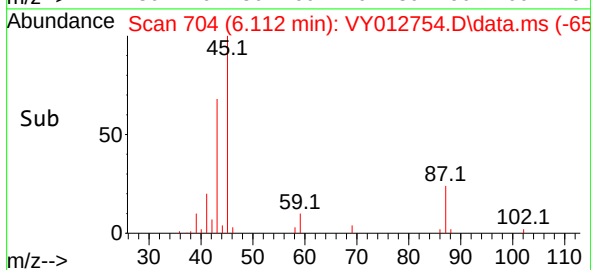
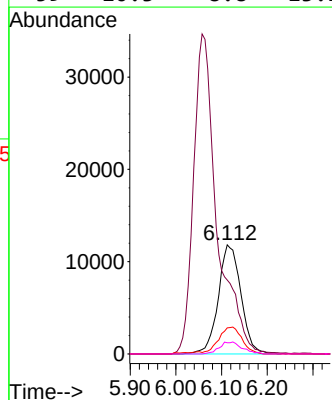
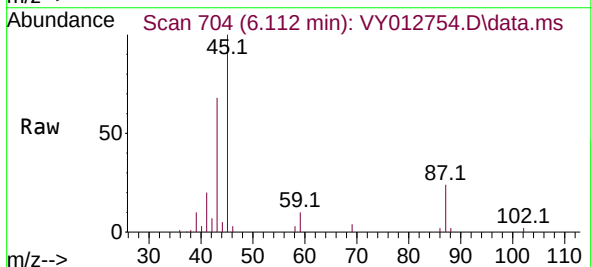
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

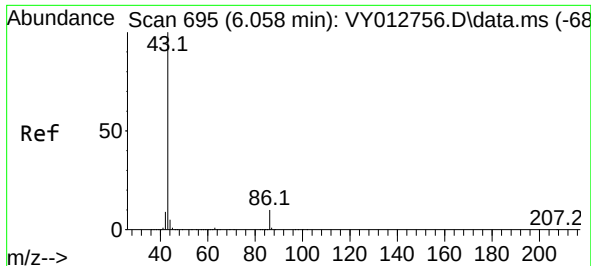
Tgt Ion: 96 Resp: 13526
Ion Ratio Lower Upper
96 100
61 144.3 111.4 167.0
98 68.2 50.8 76.2



#22
Diisopropyl ether
Concen: 10.213 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

Tgt Ion: 45 Resp: 40725
Ion Ratio Lower Upper
45 100
43 66.8 45.0 67.6
87 23.9 20.3 30.5
59 10.3 8.8 13.2

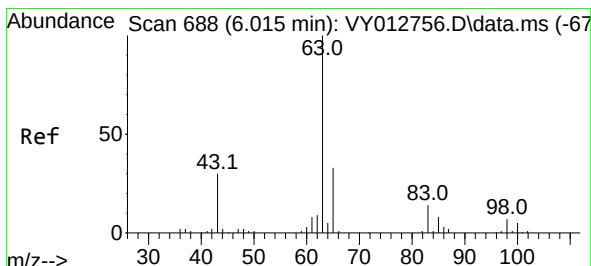
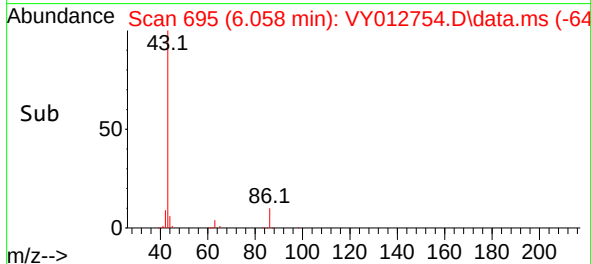
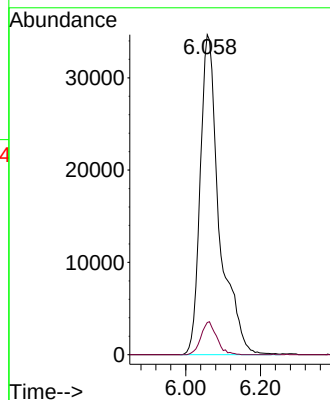
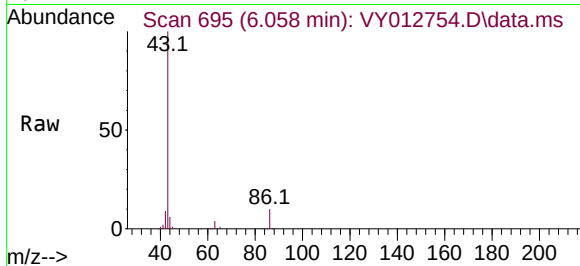




#23
 Vinyl Acetate
 Concen: 49.832 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012754.D
 Acq: 02 Mar 2023 12:40

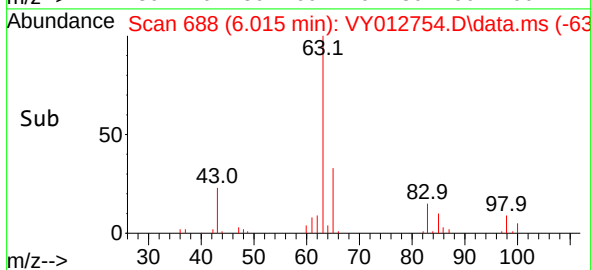
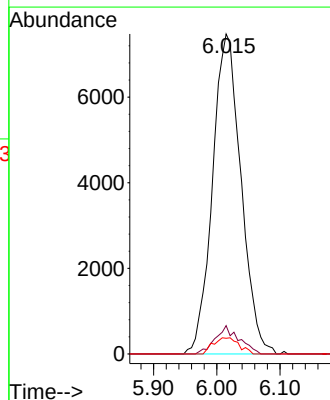
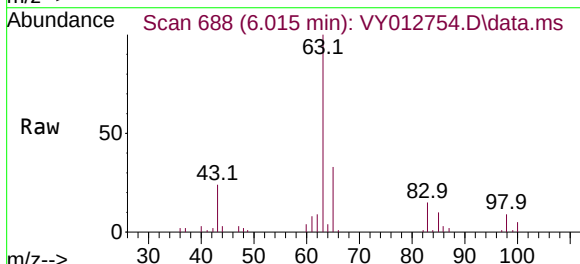
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

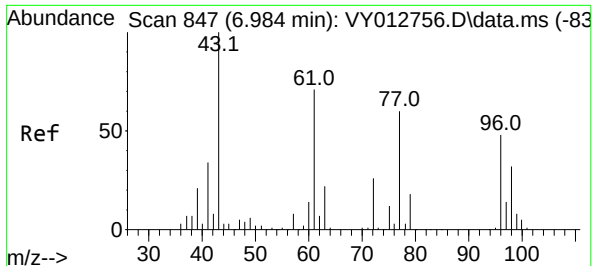
Tgt Ion: 43 Resp: 123459
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 10.285 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012754.D
 Acq: 02 Mar 2023 12:40

Tgt Ion: 63 Resp: 23369
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.7 11.1
 100 4.9 2.3 6.8





#25

2-Butanone

Concen: 50.011 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

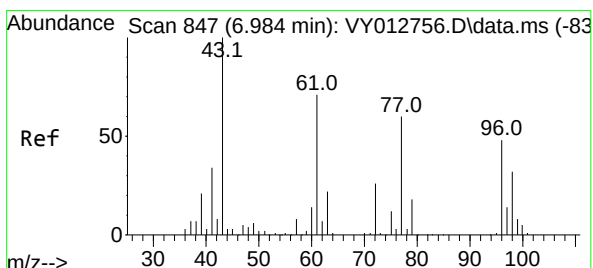
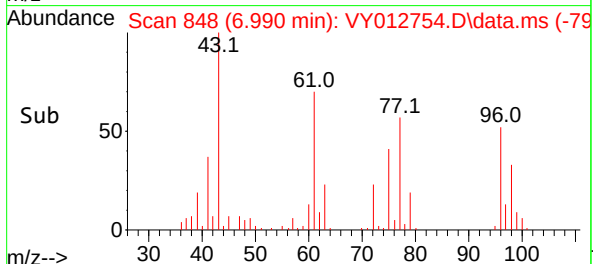
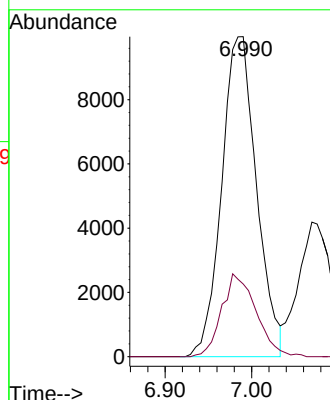
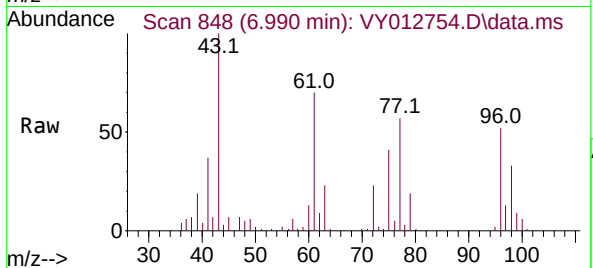
VSTDIC010

Tgt Ion: 43 Resp: 27860

Ion Ratio Lower Upper

43 100

72 22.7 21.0 31.4



#26

2,2-Dichloropropane

Concen: 10.255 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012754.D

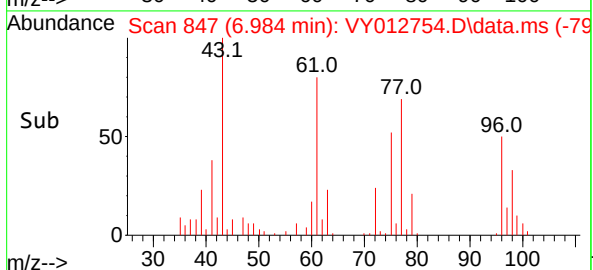
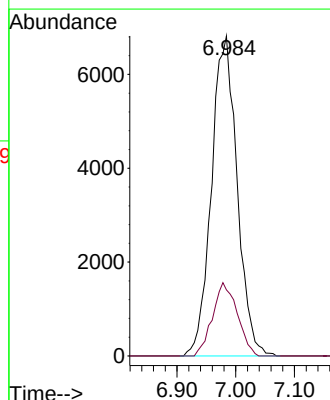
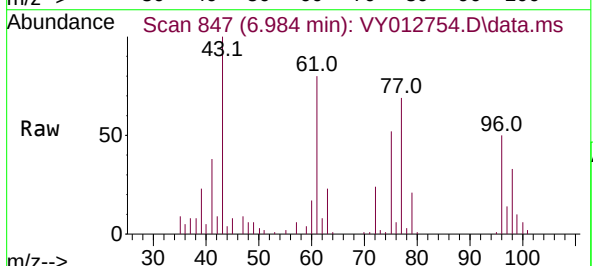
Acq: 02 Mar 2023 12:40

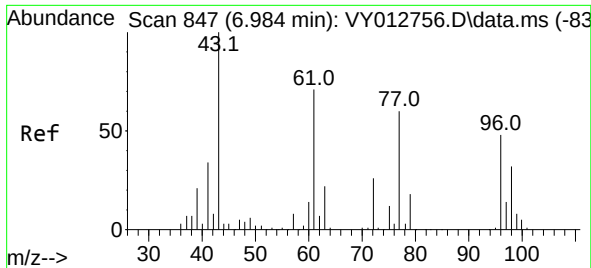
Tgt Ion: 77 Resp: 20695

Ion Ratio Lower Upper

77 100

97 22.1 11.7 35.0

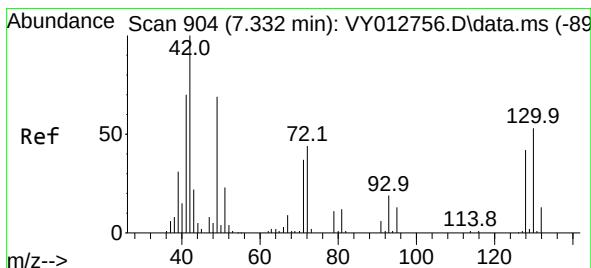
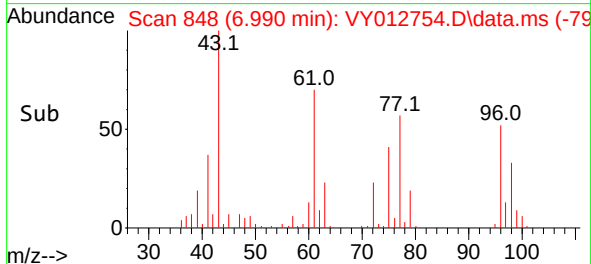
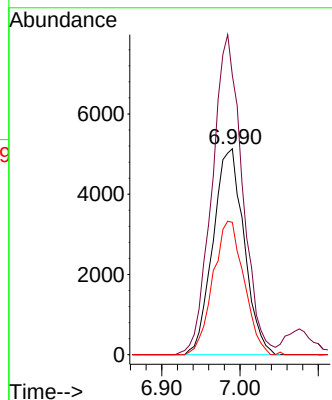
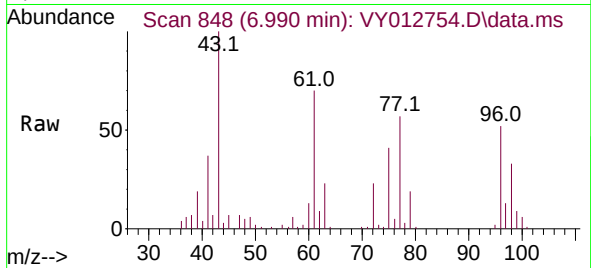




#27
cis-1,2-Dichloroethene
Concen: 10.223 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

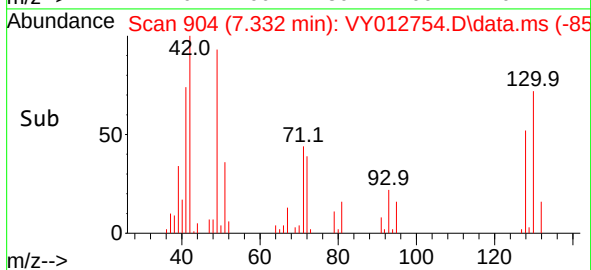
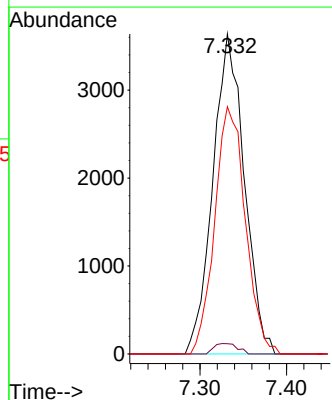
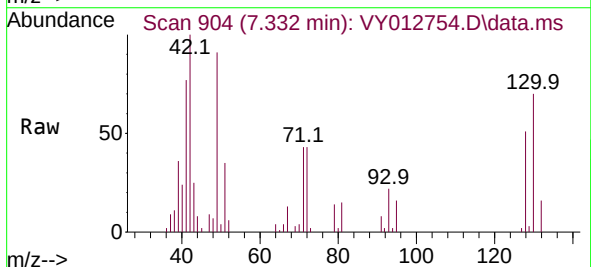
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

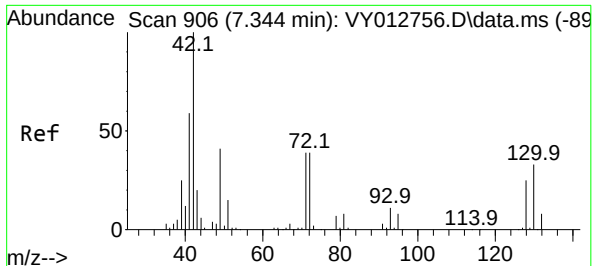
Tgt Ion: 96 Resp: 14155
Ion Ratio Lower Upper
96 100
61 151.9 0.0 295.8
98 64.6 0.0 130.2



#28
Bromochloromethane
Concen: 11.055 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

Tgt Ion: 49 Resp: 9179
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.2
130 75.2 60.5 90.7





#29

Tetrahydrofuran

Concen: 50.461 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

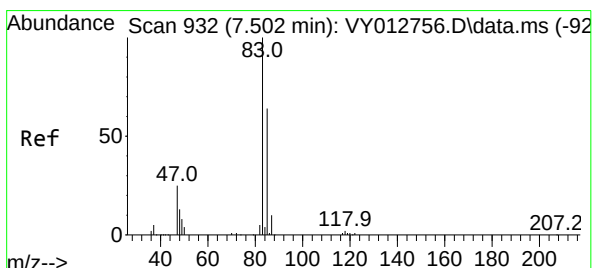
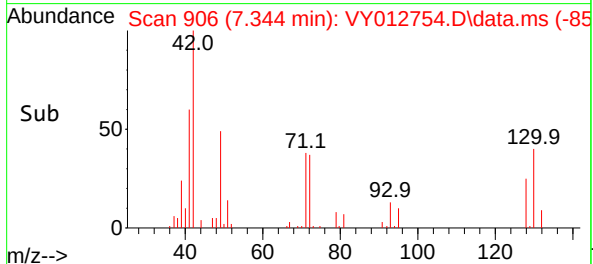
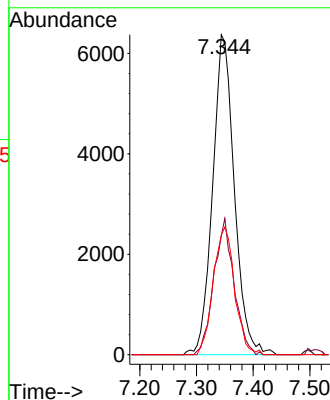
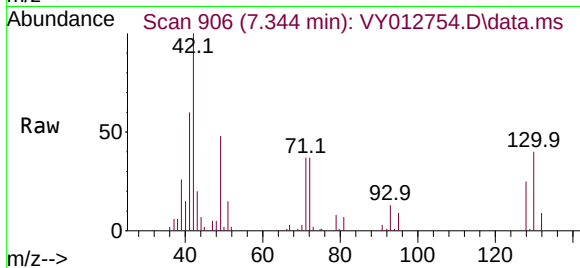
Tgt Ion: 42 Resp: 16954

Ion Ratio Lower Upper

42 100

72 39.5 32.3 48.5

71 39.1 30.3 45.5



#30

Chloroform

Concen: 10.323 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY012754.D

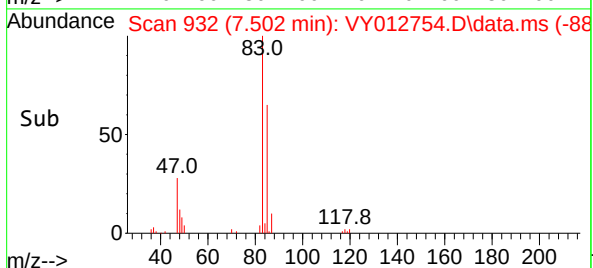
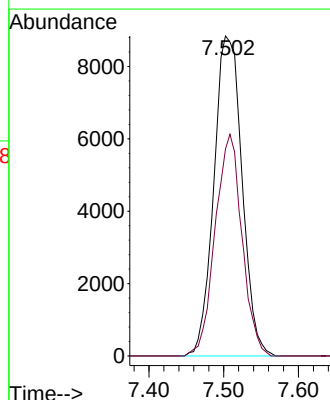
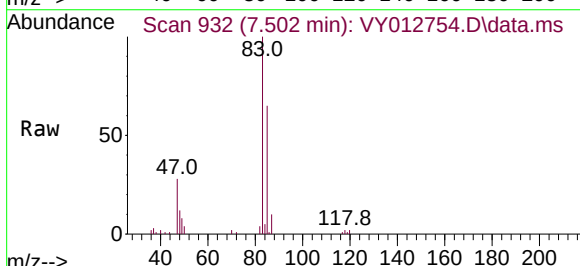
Acq: 02 Mar 2023 12:40

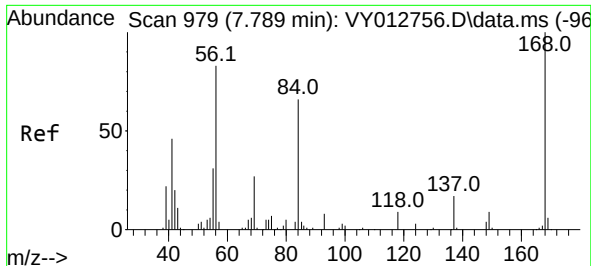
Tgt Ion: 83 Resp: 23169

Ion Ratio Lower Upper

83 100

85 64.6 51.4 77.0

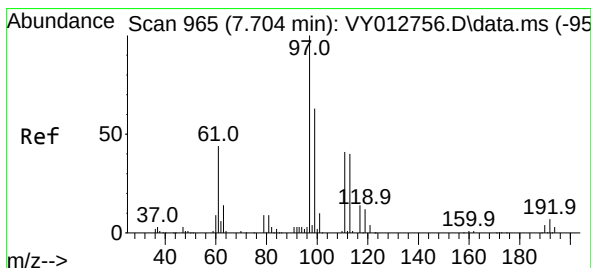
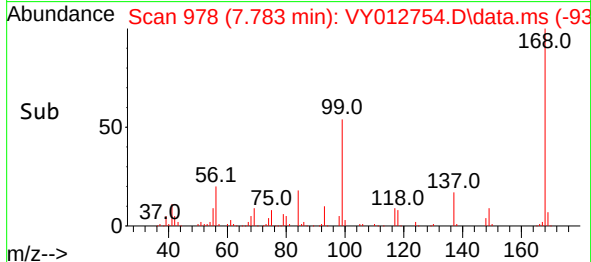
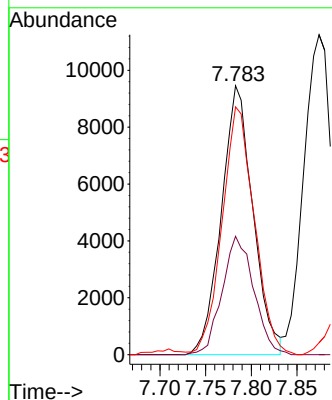
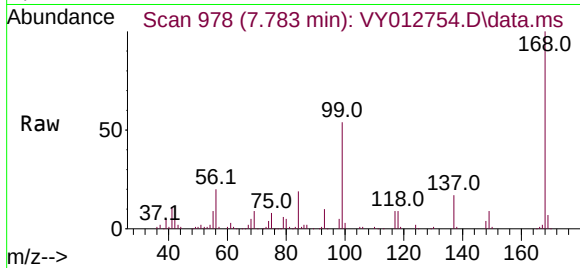




#31
Cyclohexane
Concen: 10.372 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

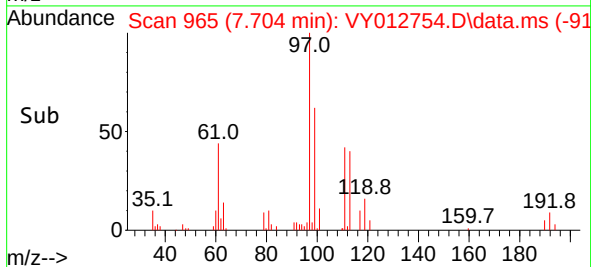
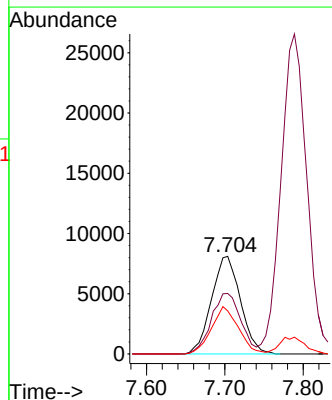
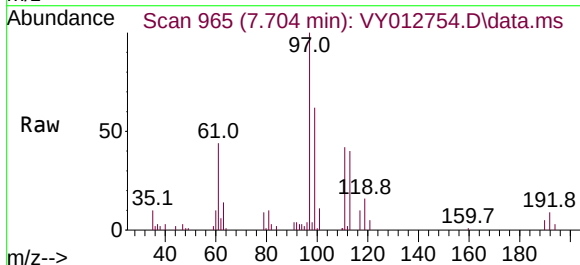
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

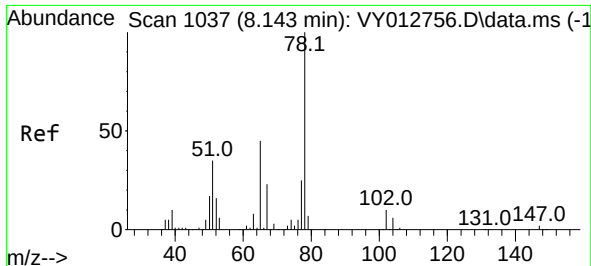
Tgt Ion: 56 Resp: 22761
Ion Ratio Lower Upper
56 100
69 44.0 25.7 38.5#
84 91.0 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 10.251 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

Tgt Ion: 97 Resp: 20806
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.6
61 45.3 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 10.481 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

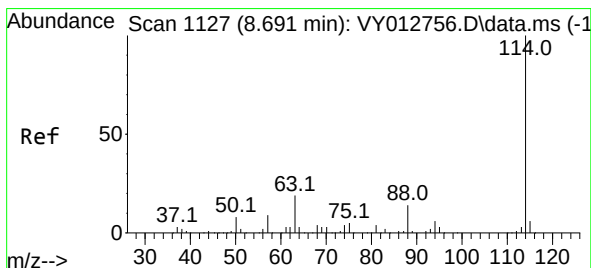
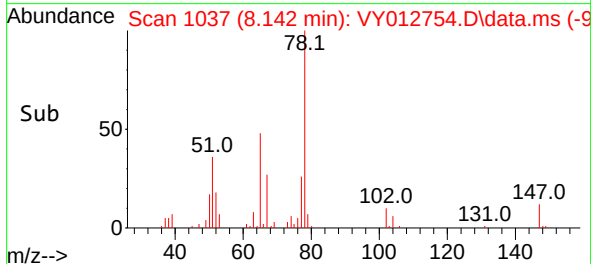
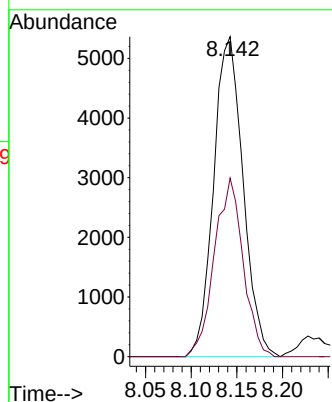
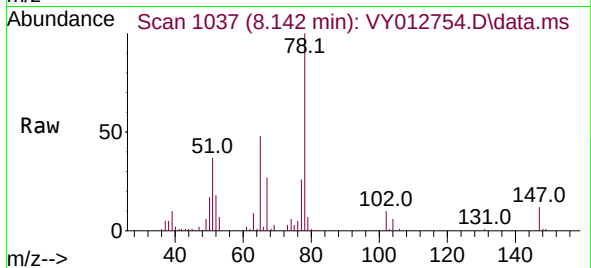
VSTDIC010

Tgt Ion: 65 Resp: 12010

Ion Ratio Lower Upper

65 100

67 54.4 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: VY012754.D

Acq: 02 Mar 2023 12:40

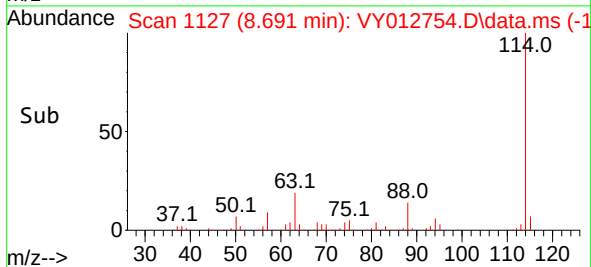
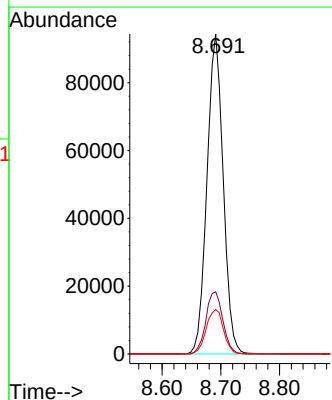
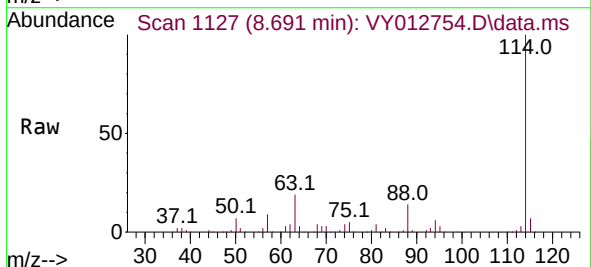
Tgt Ion: 114 Resp: 180695

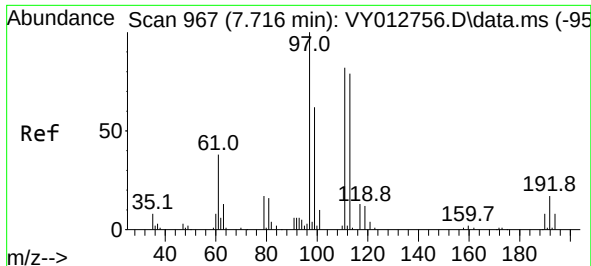
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 13.9 0.0 28.6

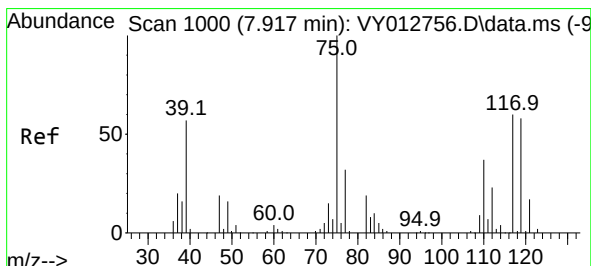
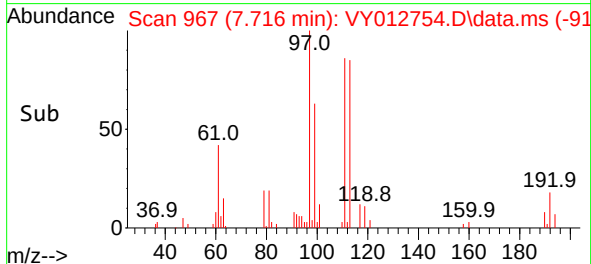
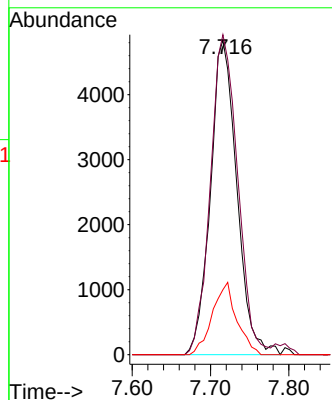
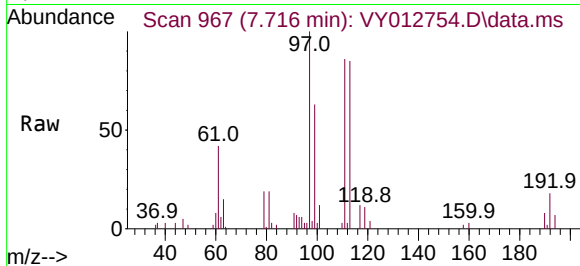




#35
Dibromofluoromethane
Concen: 10.389 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

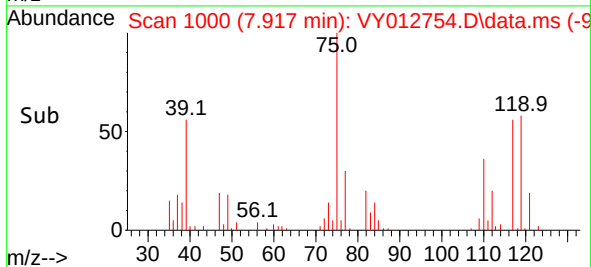
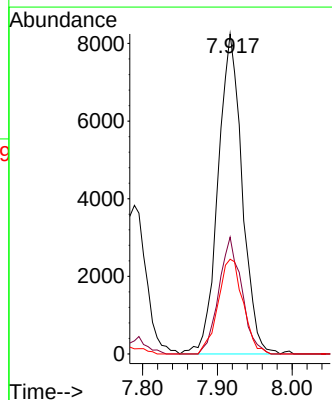
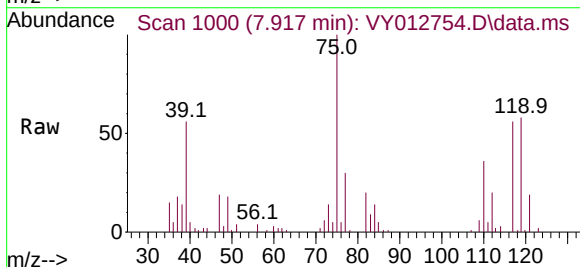
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

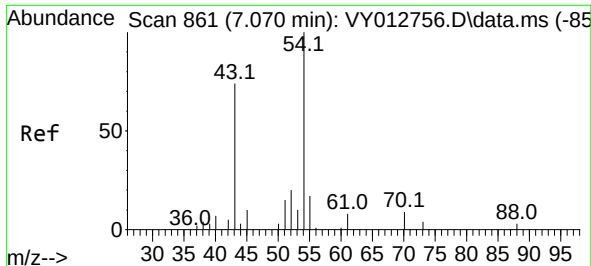
Tgt Ion:113 Resp: 11329
Ion Ratio Lower Upper
113 100
111 105.2 82.2 123.2
192 21.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 10.113 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

Tgt Ion: 75 Resp: 18480
Ion Ratio Lower Upper
75 100
110 34.6 17.8 53.3
77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 10.600 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

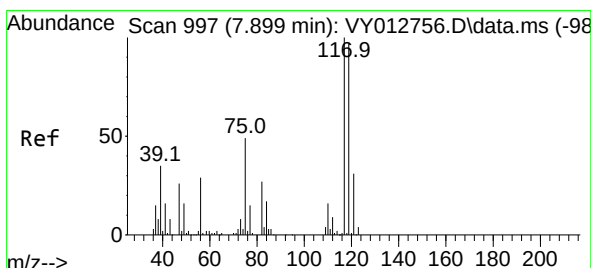
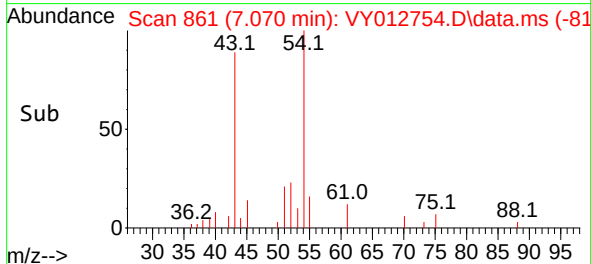
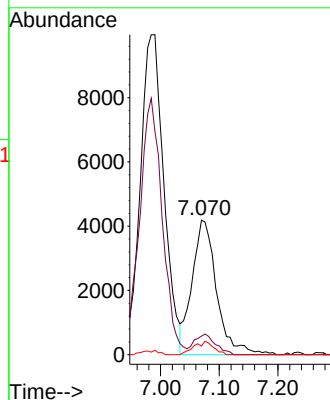
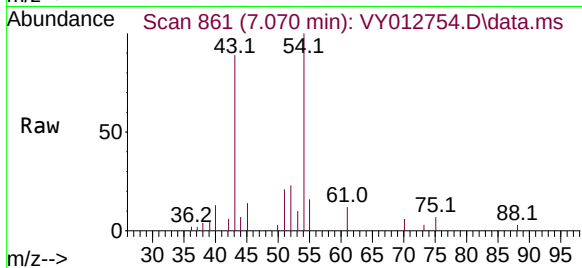
Tgt Ion: 43 Resp: 12209

Ion Ratio Lower Upper

43 100

61 13.1 10.7 16.1

70 7.9 7.8 11.8



#38

Carbon Tetrachloride

Concen: 10.111 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

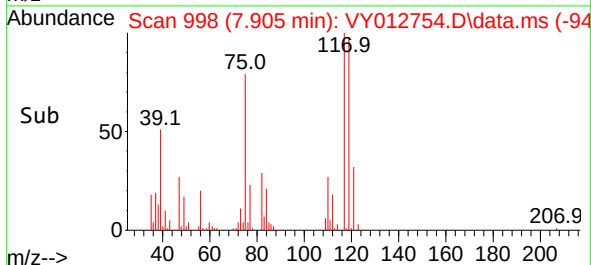
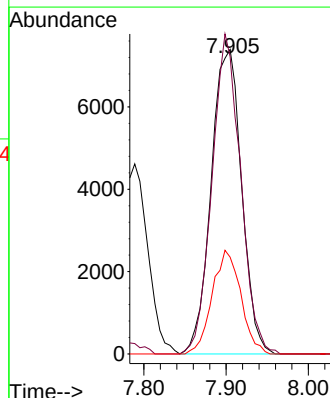
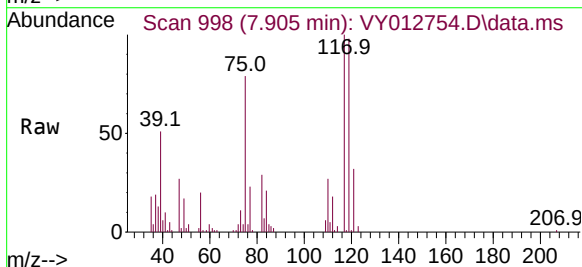
Tgt Ion: 117 Resp: 19081

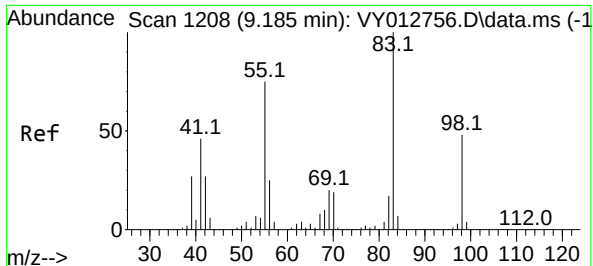
Ion Ratio Lower Upper

117 100

119 97.6 77.2 115.8

121 31.8 24.7 37.1





#39

Methylcyclohexane

Concen: 9.702 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

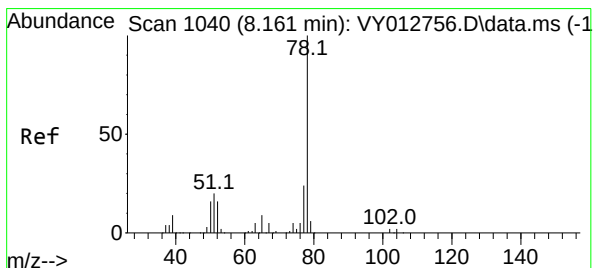
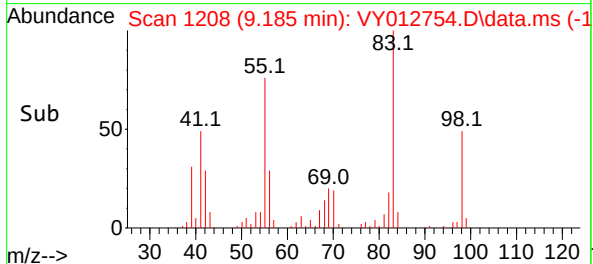
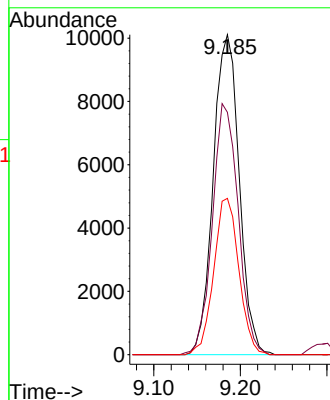
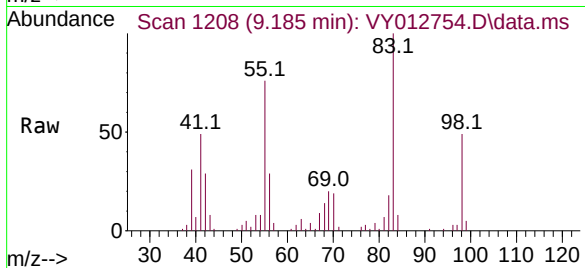
Tgt Ion: 83 Resp: 21079

Ion Ratio Lower Upper

83 100

55 75.8 60.0 90.0

98 48.8 38.3 57.5



#40

Benzene

Concen: 10.194 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012754.D

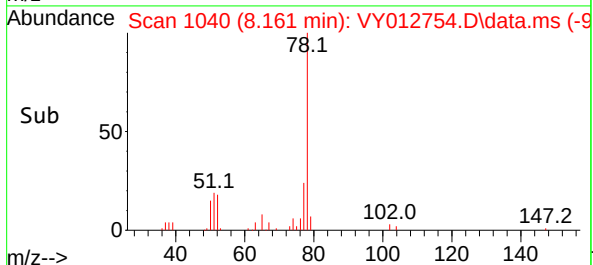
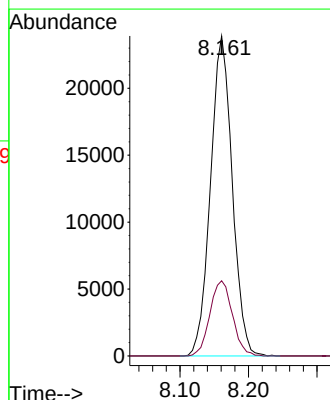
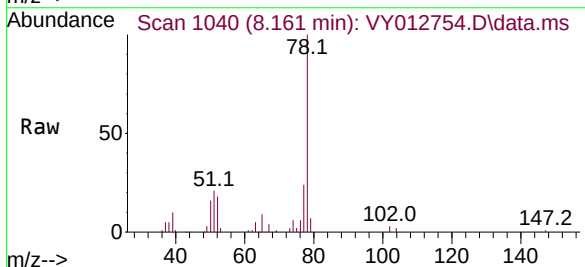
Acq: 02 Mar 2023 12:40

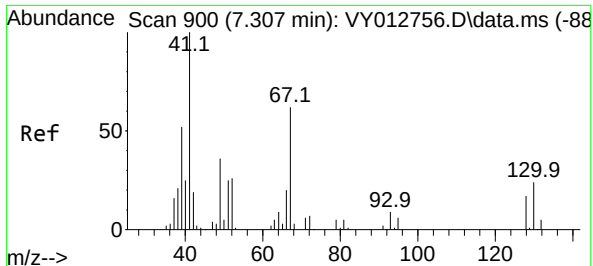
Tgt Ion: 78 Resp: 52696

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0

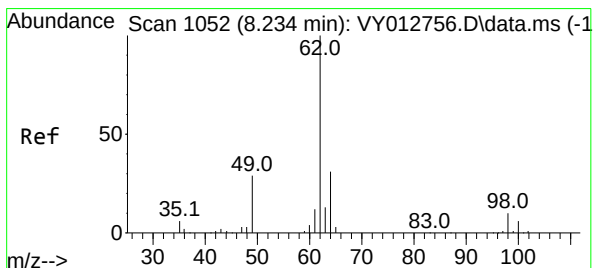
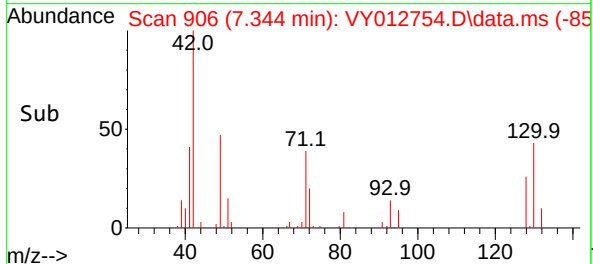
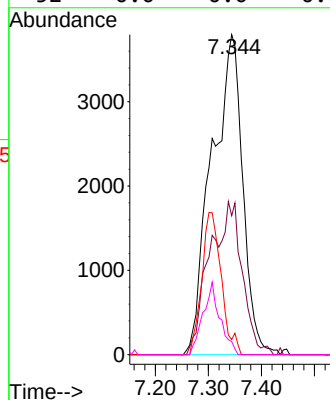
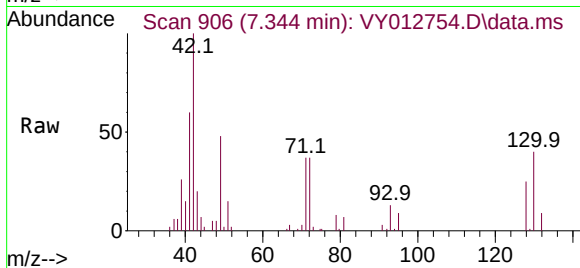




#41
Methacrylonitrile
Concen: 25.499 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

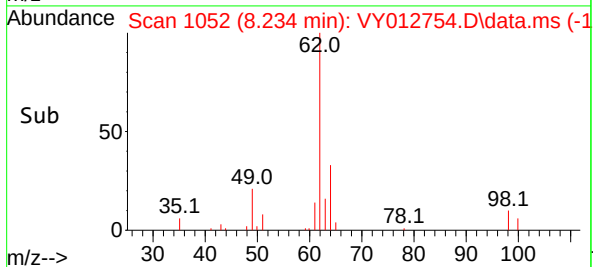
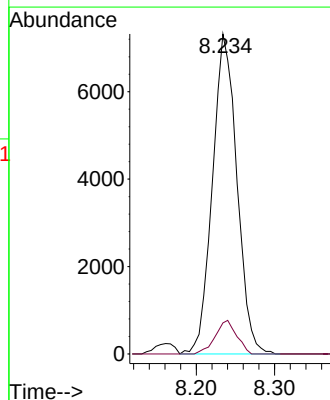
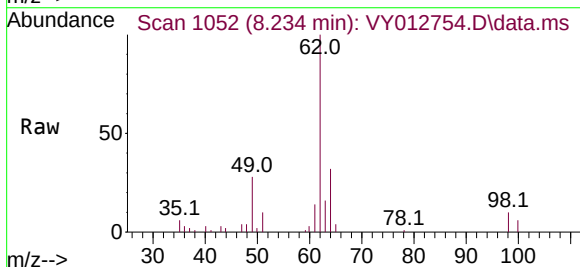
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

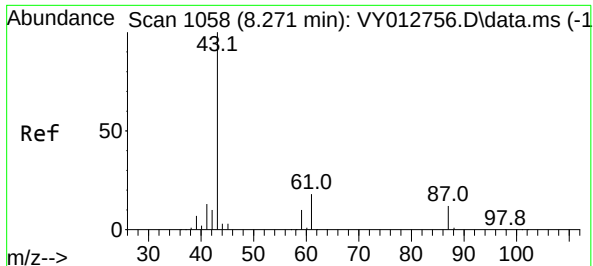
Tgt Ion:	41	Resp:	15398
Ion	Ratio	Lower	Upper
41	100		
39	27.2	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 10.230 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

Tgt Ion:	62	Resp:	15898
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.8





#43

Isopropyl Acetate

Concen: 9.897 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

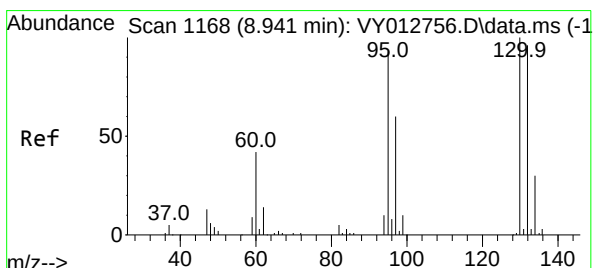
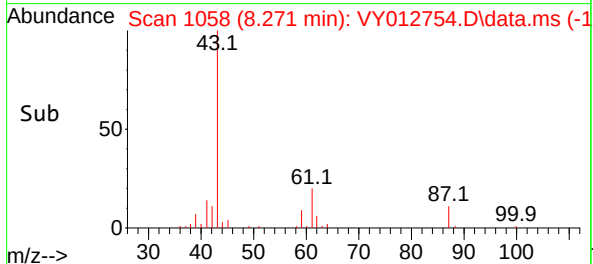
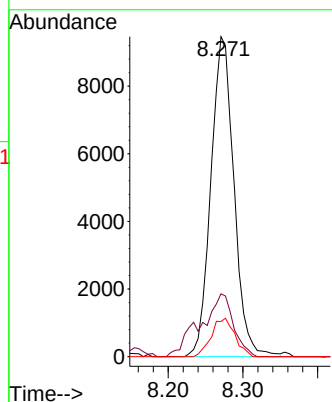
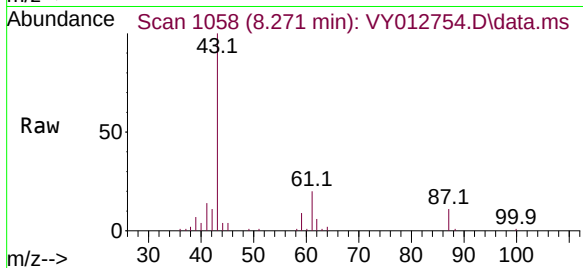
Tgt Ion: 43 Resp: 20337

Ion Ratio Lower Upper

43 100

61 21.1 21.6 32.4#

87 12.2 9.9 14.9



#44

Trichloroethene

Concen: 10.205 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY012754.D

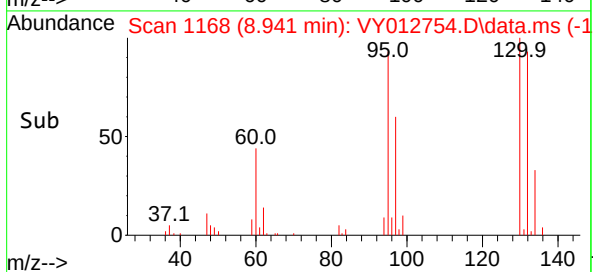
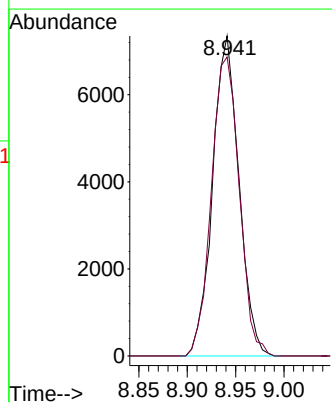
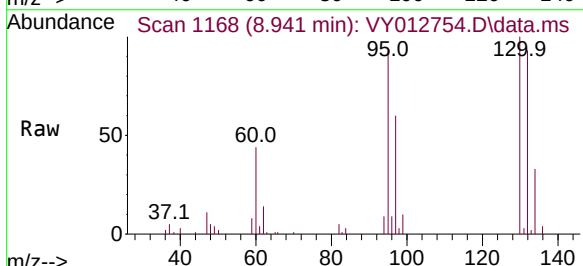
Acq: 02 Mar 2023 12:40

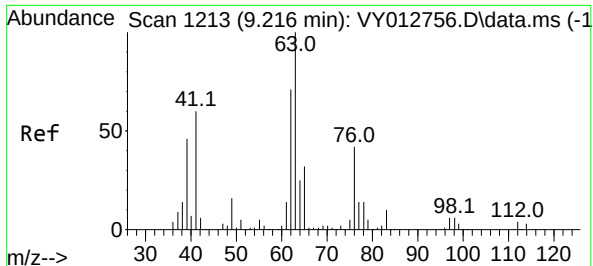
Tgt Ion: 130 Resp: 13909

Ion Ratio Lower Upper

130 100

95 93.5 0.0 185.0





#45

1,2-Dichloropropane

Concen: 10.468 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

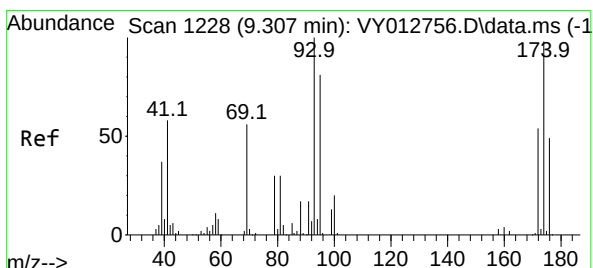
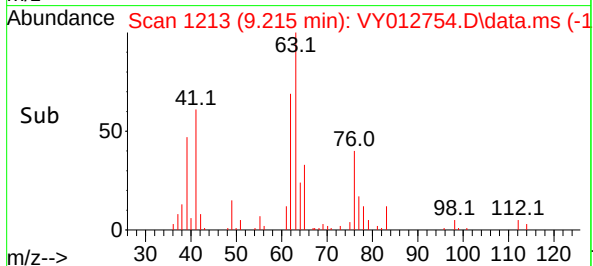
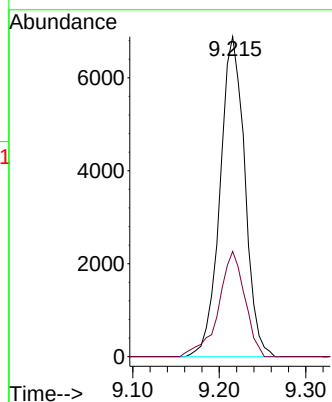
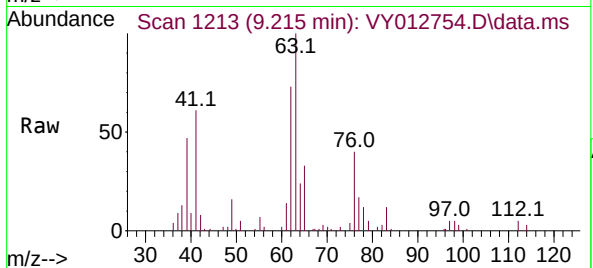
VSTDIC010

Tgt Ion: 63 Resp: 13676

Ion Ratio Lower Upper

63 100

65 32.9 25.7 38.5



#46

Dibromomethane

Concen: 10.485 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

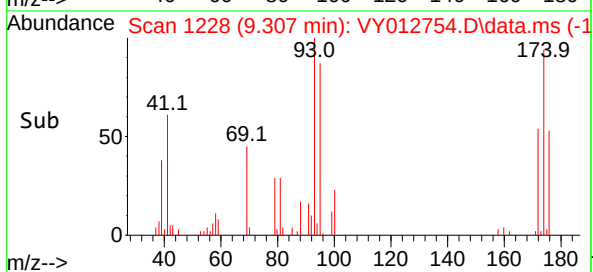
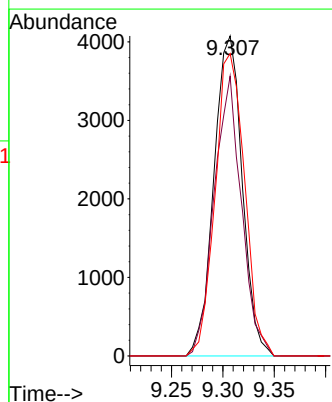
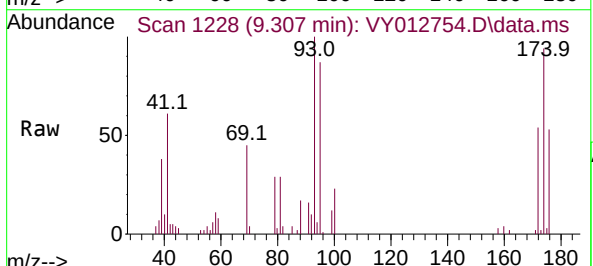
Tgt Ion: 93 Resp: 7804

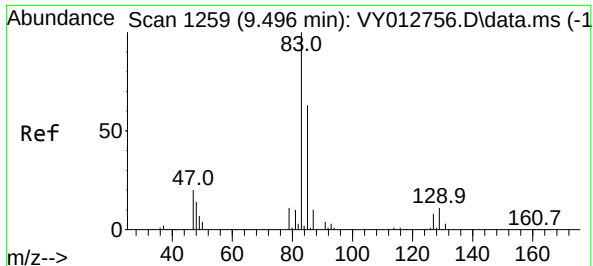
Ion Ratio Lower Upper

93 100

95 84.4 65.6 98.4

174 98.1 81.3 121.9

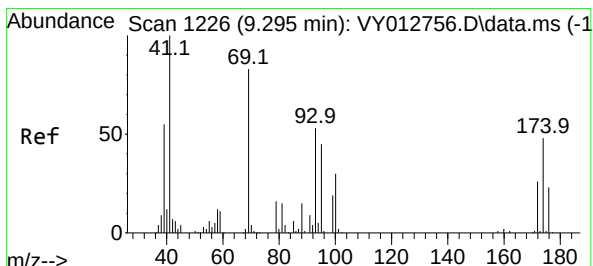
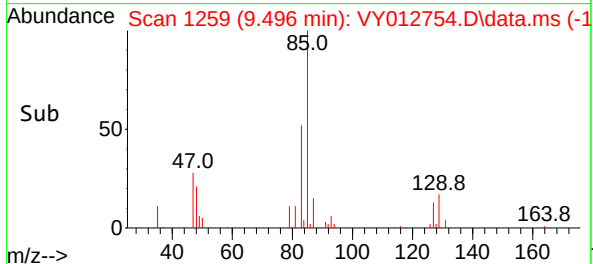
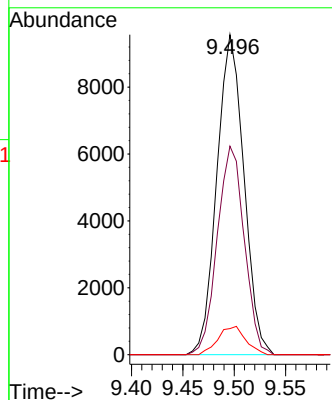
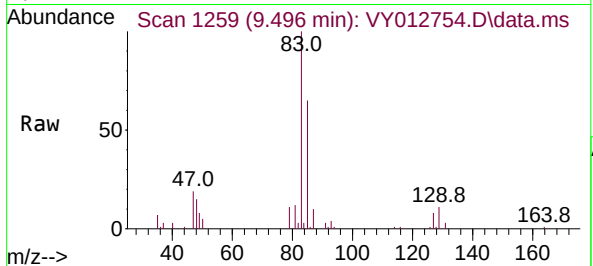




#47
Bromodichloromethane
Concen: 9.976 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

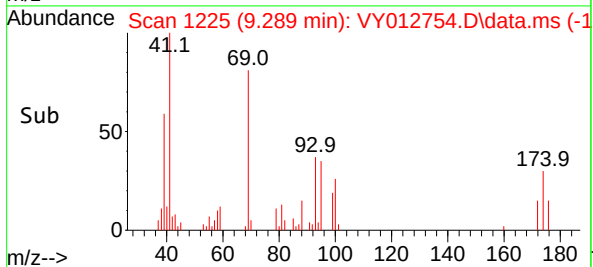
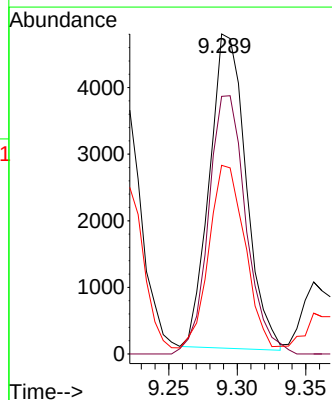
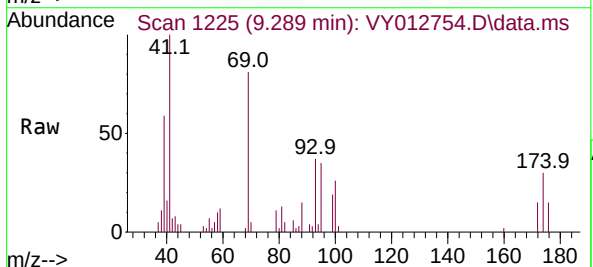
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

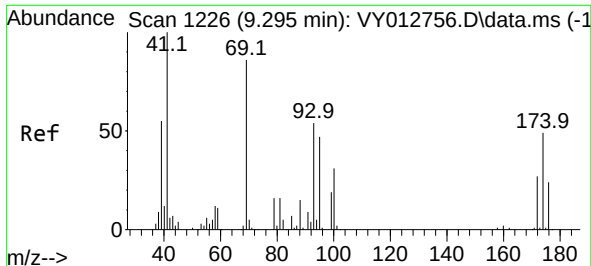
Tgt Ion: 83	Resp:	17497
Ion	Ratio	Lower Upper
83	100	
85	65.2	50.2 75.4
127	8.2	6.3 9.5



#48
Methyl methacrylate
Concen: 9.228 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

Tgt Ion: 41	Resp:	8738
Ion	Ratio	Lower Upper
41	100	
69	84.2	64.1 96.1
39	57.8	44.0 66.0





#49

1,4-Dioxane

Concen: 199.137 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

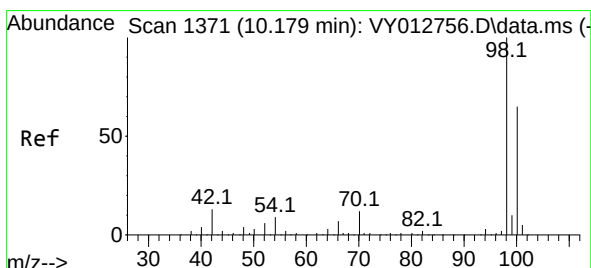
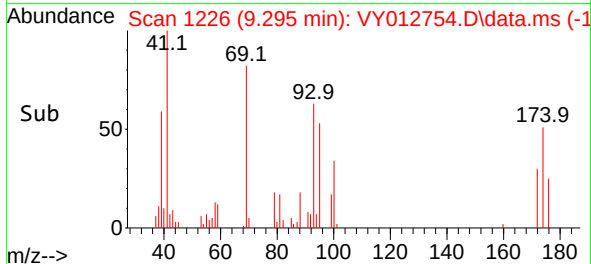
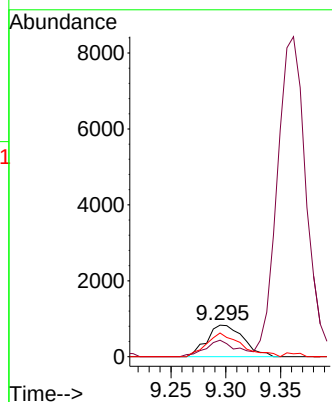
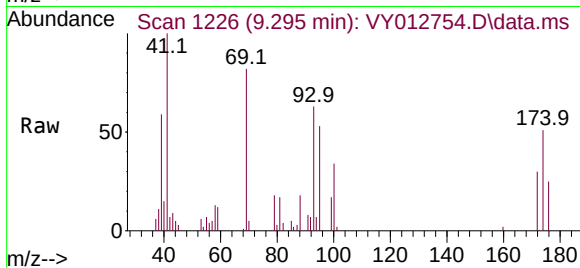
Tgt Ion: 88 Resp: 1916

Ion Ratio Lower Upper

88 100

43 45.0 28.6 42.8#

58 71.3 55.2 82.8



#50

Toluene-d8

Concen: 10.439 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012754.D

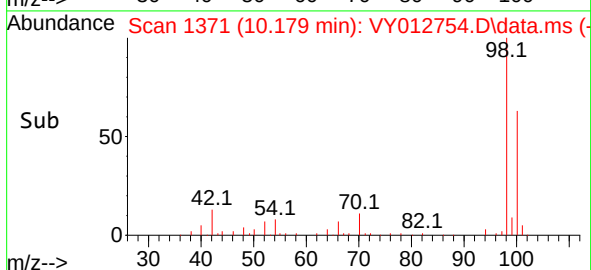
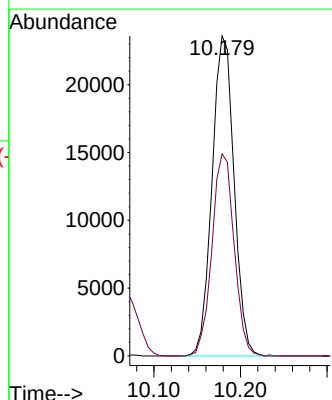
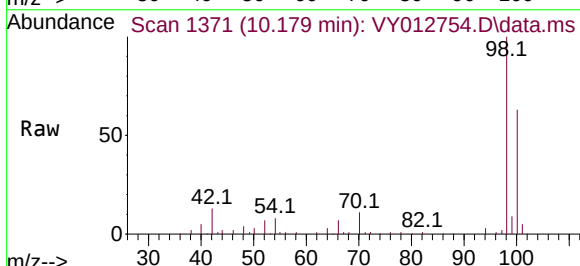
Acq: 02 Mar 2023 12:40

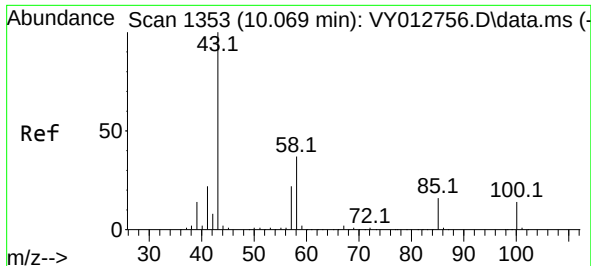
Tgt Ion: 98 Resp: 41616

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3

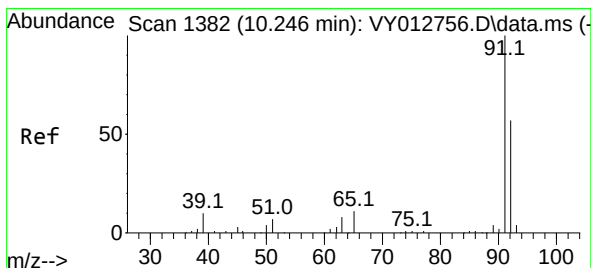
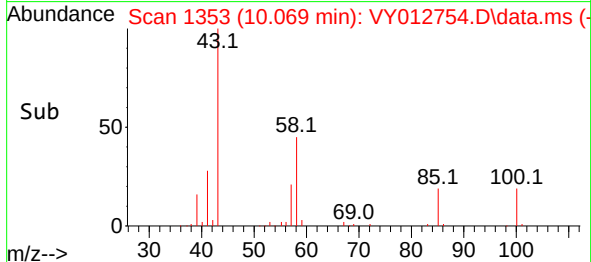
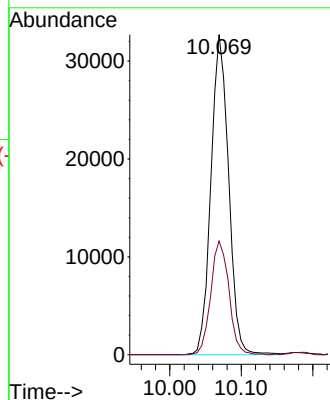
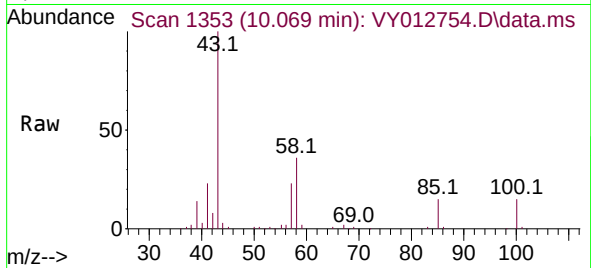




#51
4-Methyl-2-Pentanone
Concen: 50.359 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

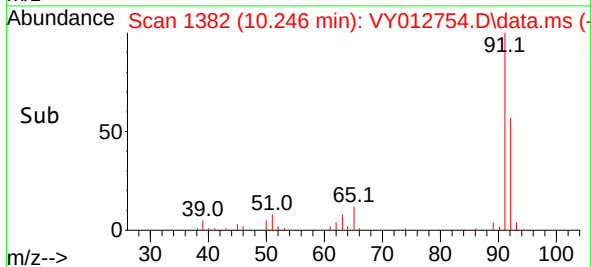
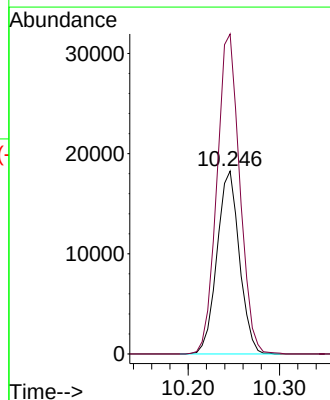
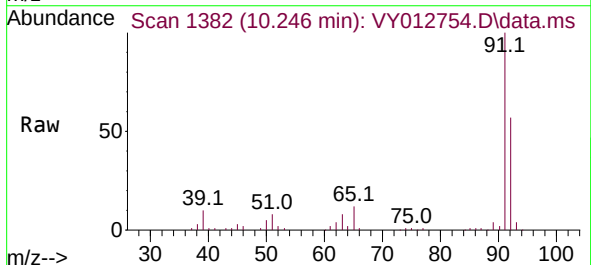
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

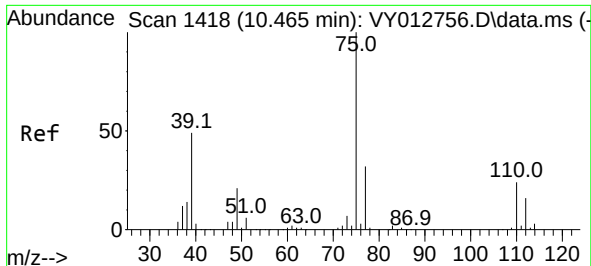
Tgt Ion: 43 Resp: 56134
Ion Ratio Lower Upper
43 100
58 36.5 29.8 44.6



#52
Toluene
Concen: 9.967 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

Tgt Ion: 92 Resp: 31071
Ion Ratio Lower Upper
92 100
91 178.6 141.3 211.9





#53

t-1,3-Dichloropropene

Concen: 9.924 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

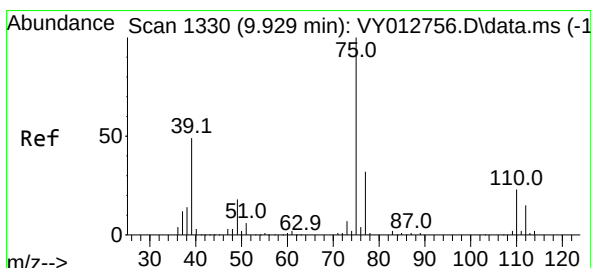
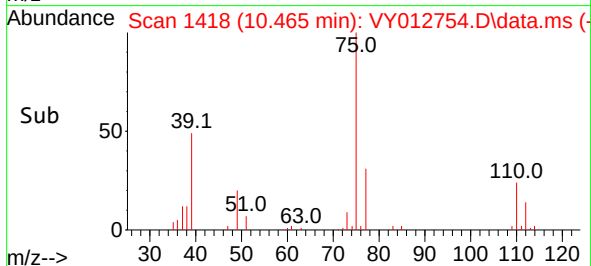
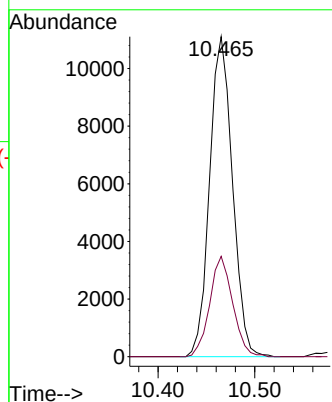
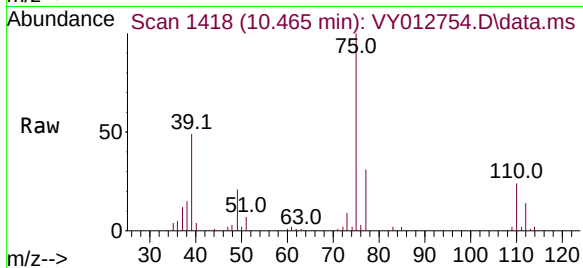
VSTDIC010

Tgt Ion: 75 Resp: 18256

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 10.053 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

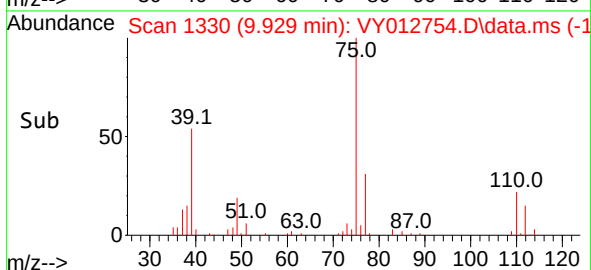
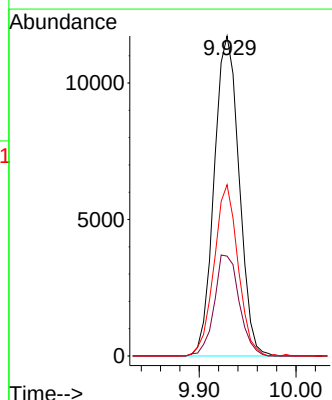
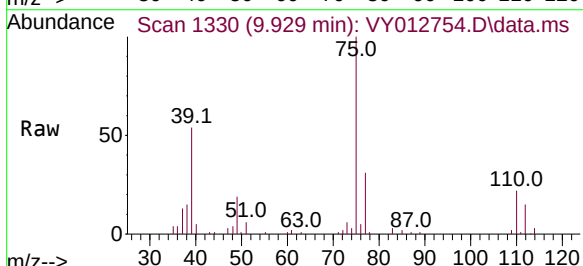
Tgt Ion: 75 Resp: 20933

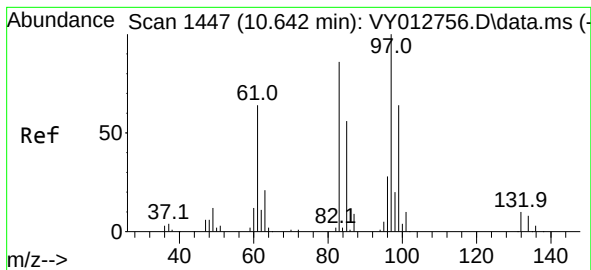
Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0

39 53.5 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 10.585 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 10971

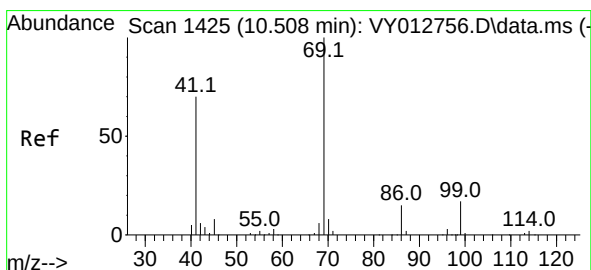
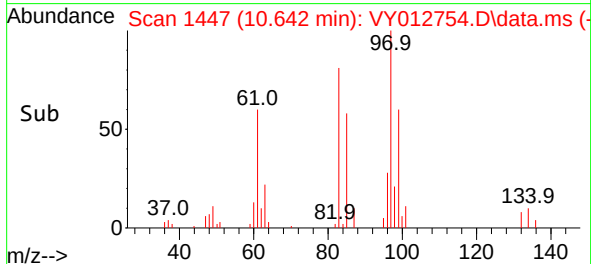
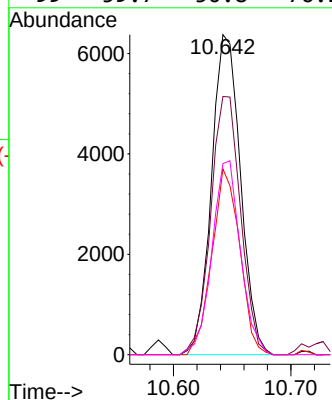
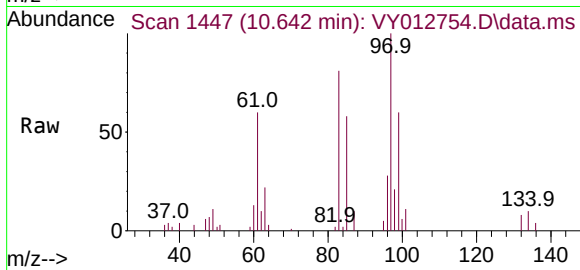
Ion Ratio Lower Upper

97 100

83 80.7 69.0 103.6

85 58.0 44.9 67.3

99 59.7 50.8 76.2



#56

Ethyl methacrylate

Concen: 9.361 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

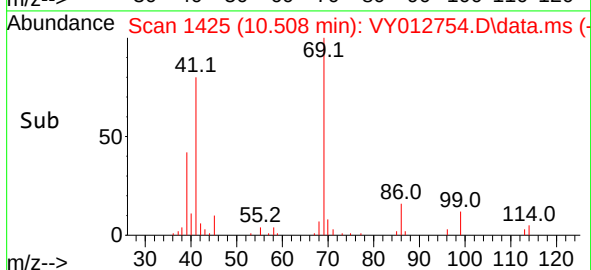
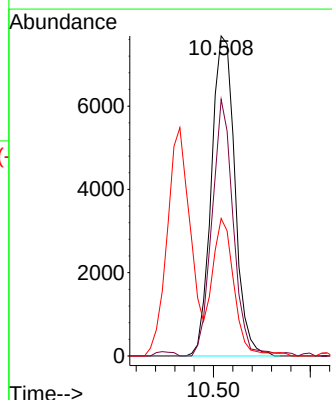
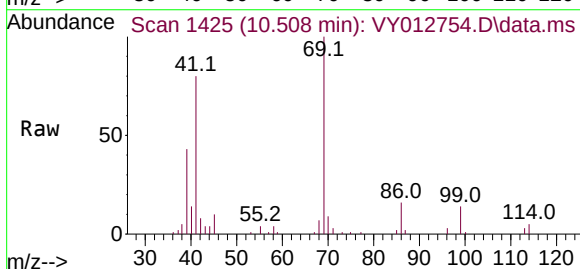
Tgt Ion: 69 Resp: 12937

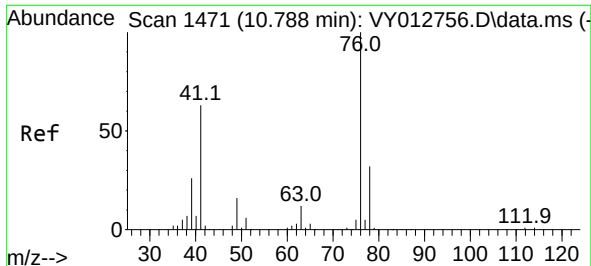
Ion Ratio Lower Upper

69 100

41 73.0 56.4 84.6

39 39.4 30.8 46.2





#57

1,3-Dichloropropane

Concen: 10.159 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

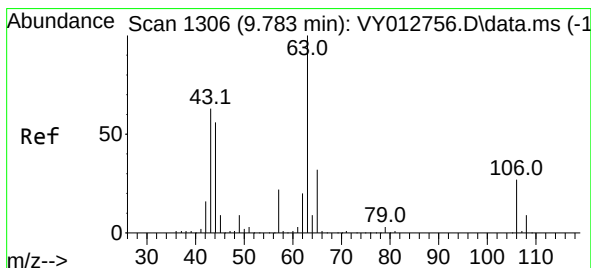
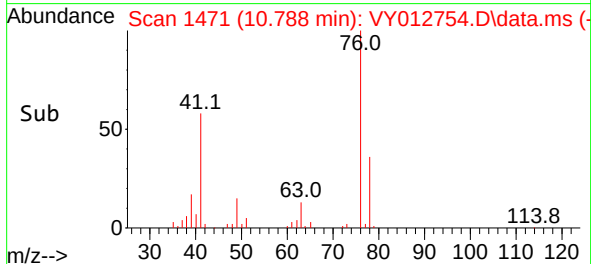
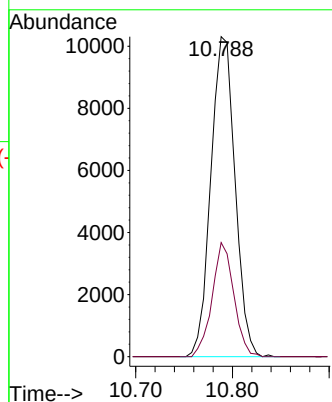
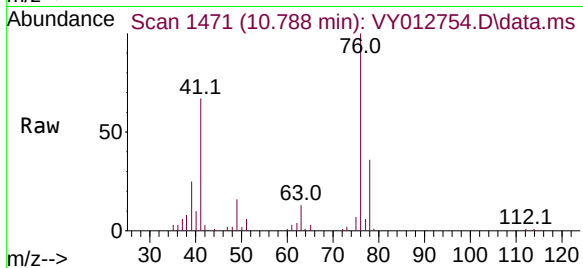
VSTDIC010

Tgt Ion: 76 Resp: 17935

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 49.341 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012754.D

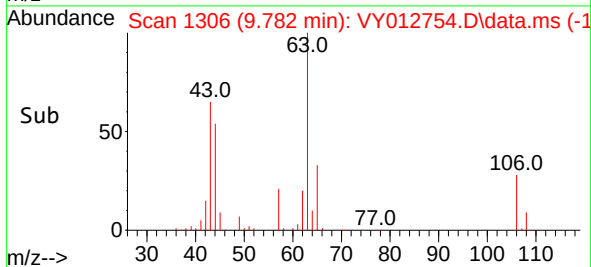
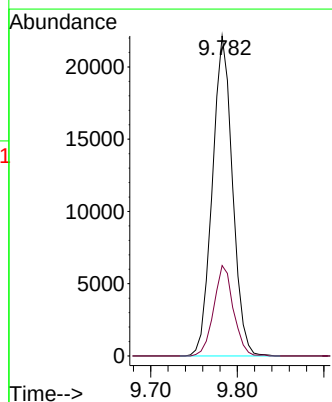
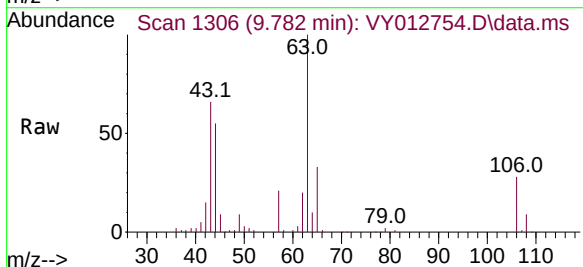
Acq: 02 Mar 2023 12:40

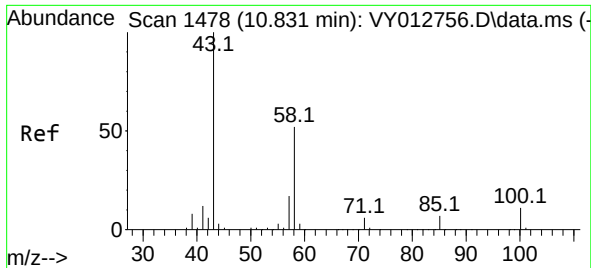
Tgt Ion: 63 Resp: 35798

Ion Ratio Lower Upper

63 100

106 27.5 22.1 33.1

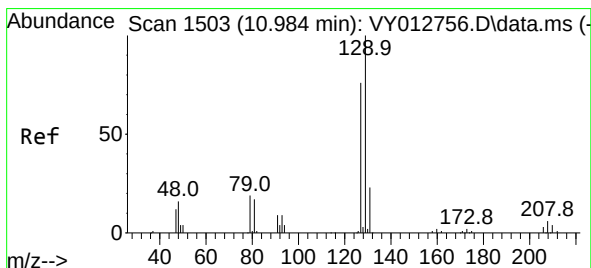
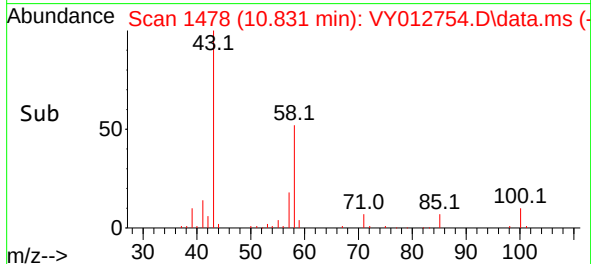
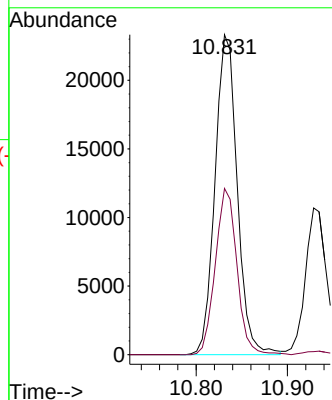
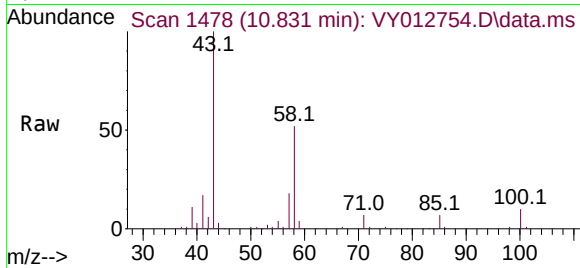




#59
2-Hexanone
Concen: 48.655 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

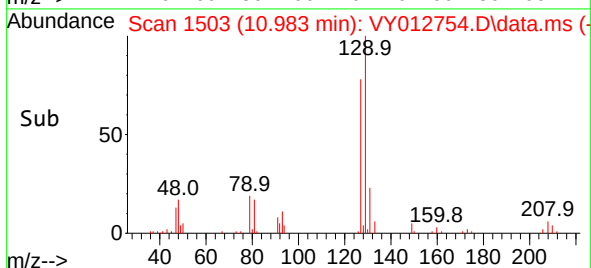
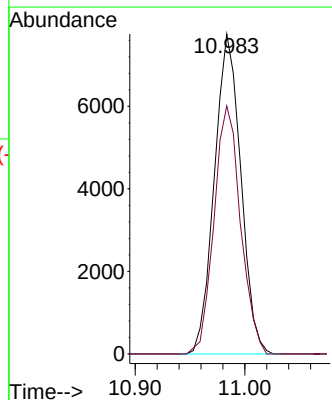
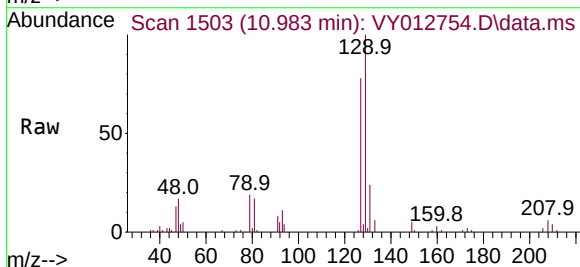
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

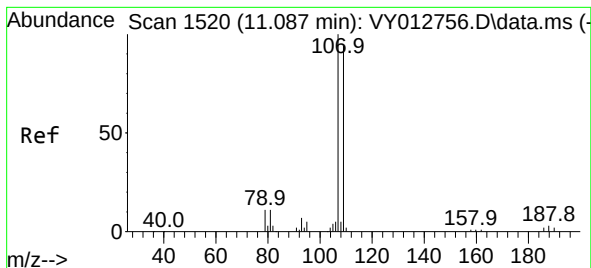
Tgt Ion: 43 Resp: 39417
Ion Ratio Lower Upper
43 100
58 50.5 25.9 77.8



#60
Dibromochloromethane
Concen: 10.288 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

Tgt Ion: 129 Resp: 12980
Ion Ratio Lower Upper
129 100
127 77.7 38.7 116.1





#61

1,2-Dibromoethane

Concen: 10.503 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

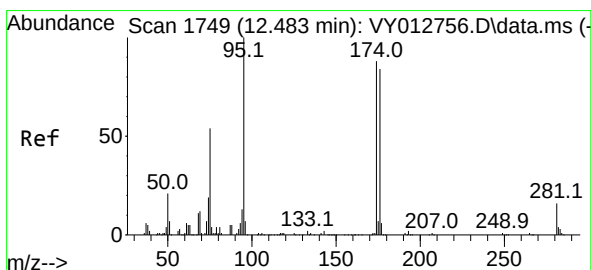
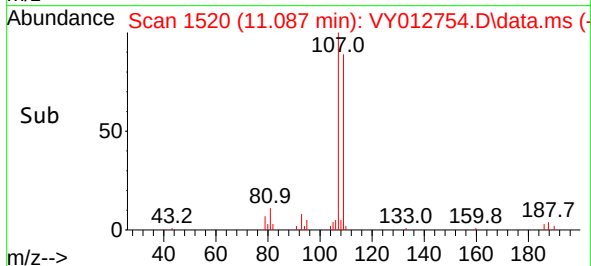
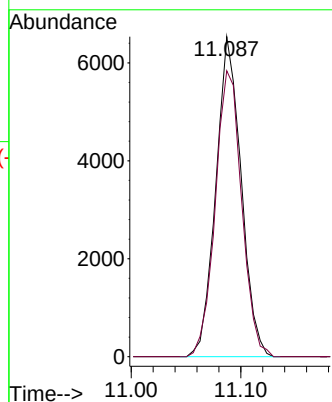
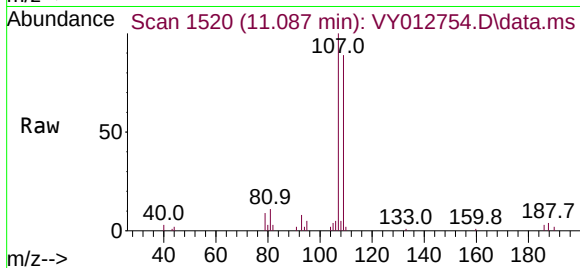
VSTDIC010

Tgt Ion:107 Resp: 10487

Ion Ratio Lower Upper

107 100

109 93.2 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 10.526 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

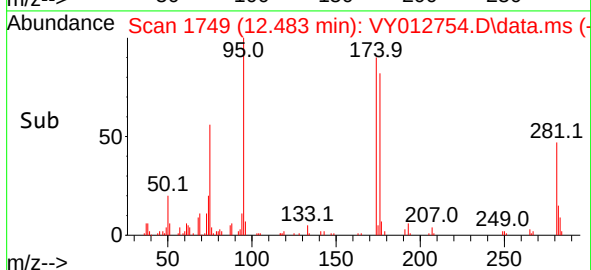
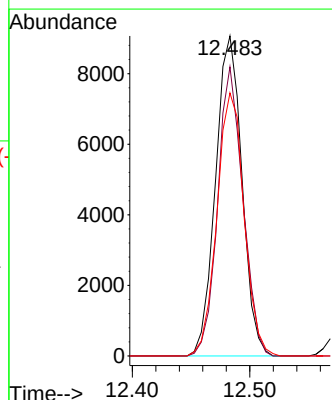
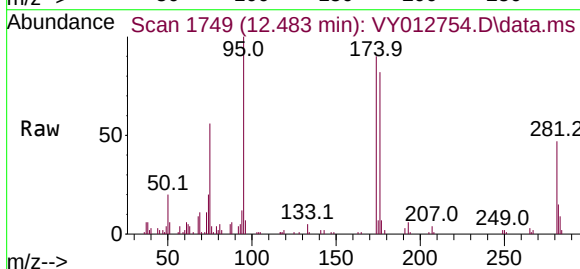
Tgt Ion: 95 Resp: 14164

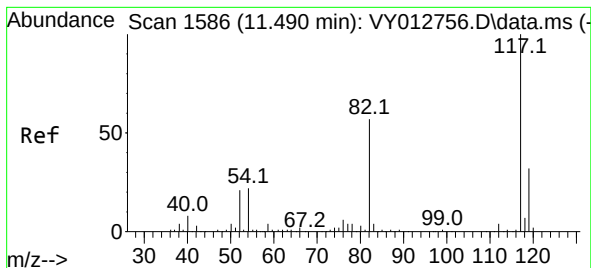
Ion Ratio Lower Upper

95 100

174 85.9 0.0 176.6

176 84.4 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: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

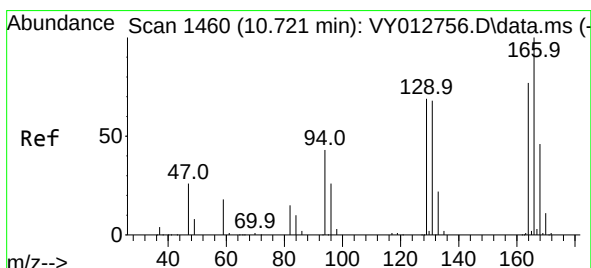
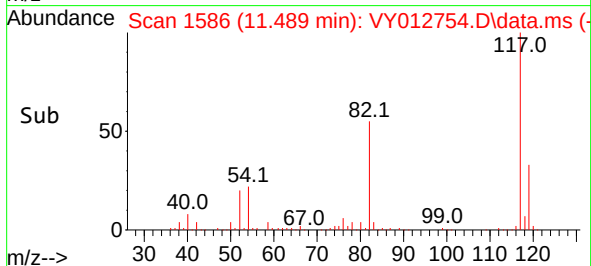
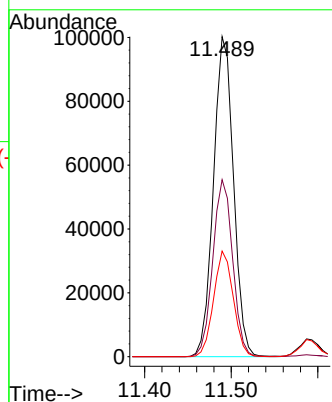
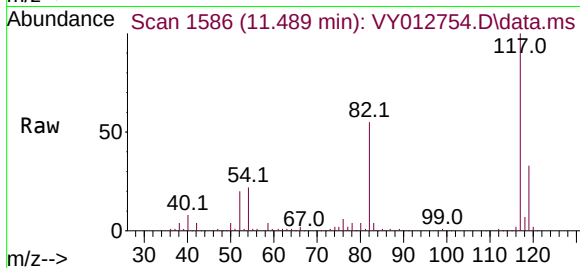
Tgt Ion:117 Resp: 161052

Ion Ratio Lower Upper

117 100

82 55.3 45.4 68.0

119 33.0 25.6 38.4



#64

Tetrachloroethene

Concen: 10.448 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Tgt Ion:164 Resp: 12251

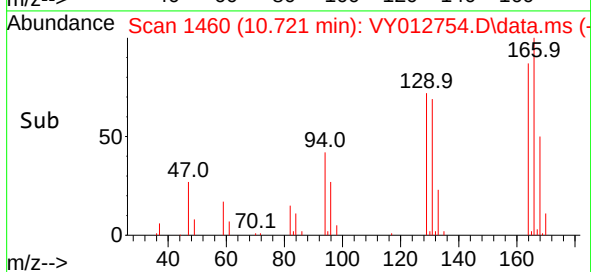
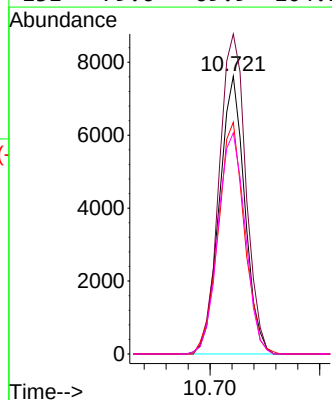
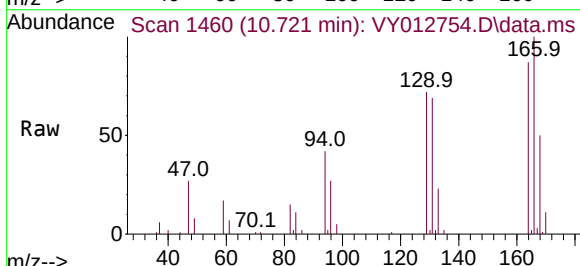
Ion Ratio Lower Upper

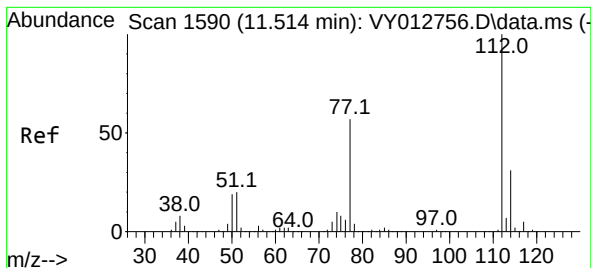
164 100

166 115.2 103.4 155.2

129 83.4 71.4 107.2

131 79.6 69.9 104.9





#65

Chlorobenzene

Concen: 10.074 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

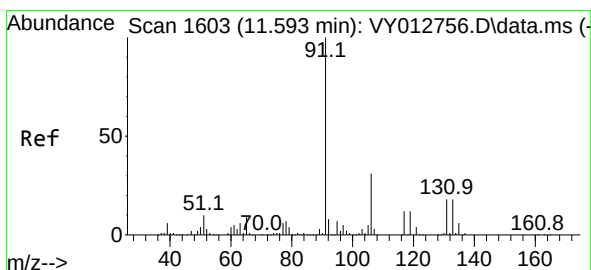
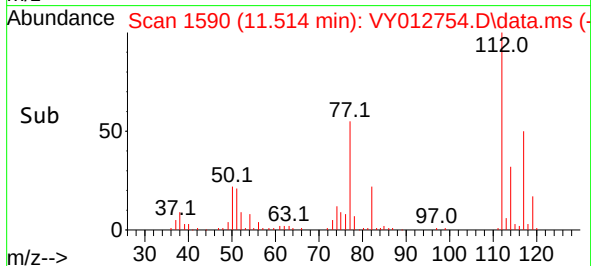
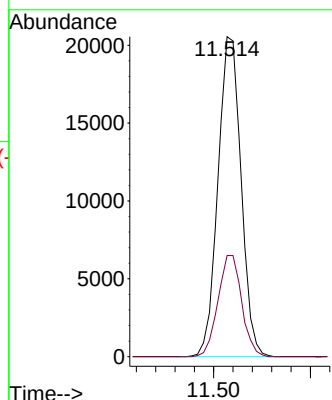
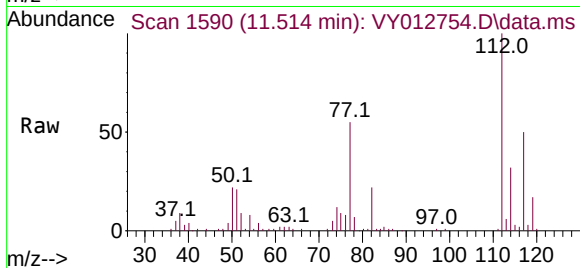
VSTDIC010

Tgt Ion:112 Resp: 34052

Ion Ratio Lower Upper

112 100

114 31.6 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 10.372 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

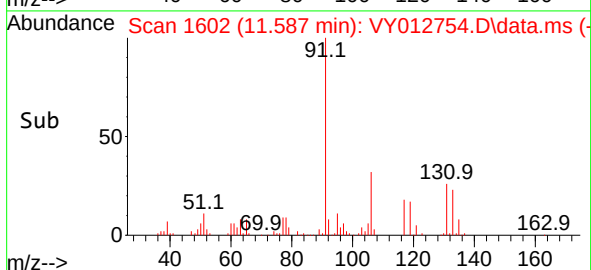
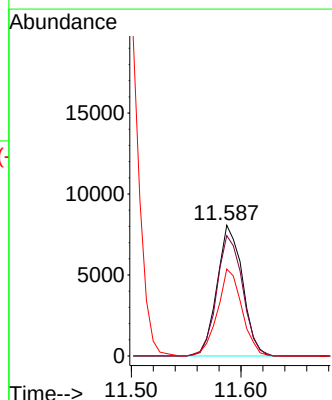
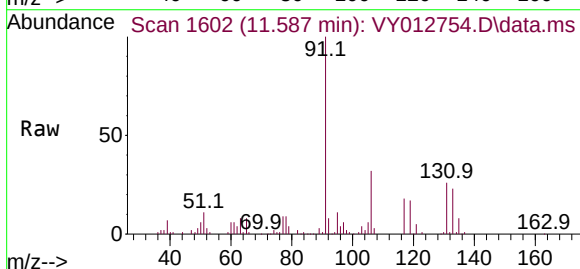
Tgt Ion:131 Resp: 12973

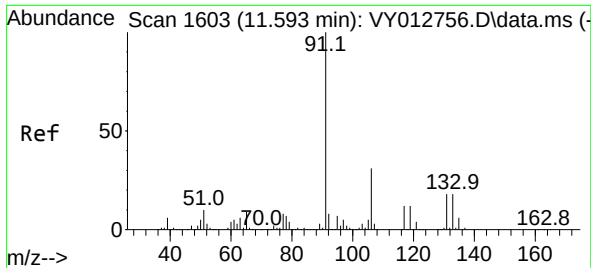
Ion Ratio Lower Upper

131 100

133 94.3 48.0 144.0

119 64.2 32.6 98.0





#67

Ethyl Benzene

Concen: 9.855 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

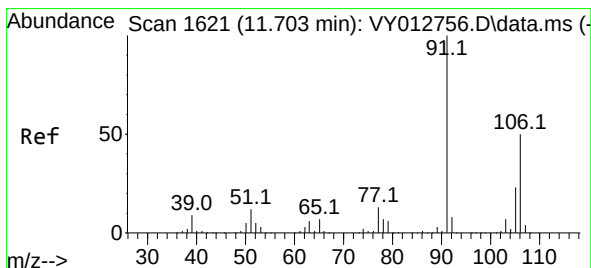
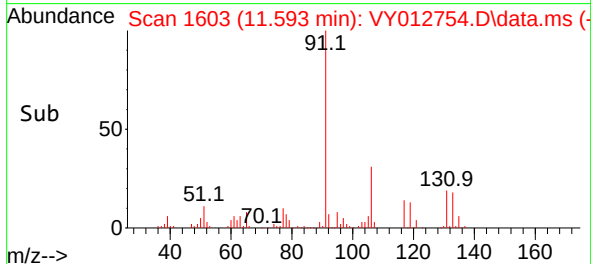
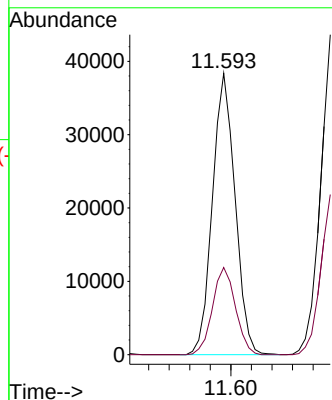
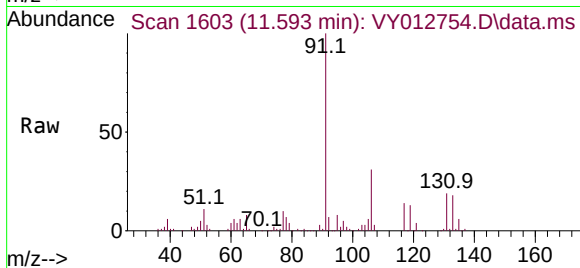
VSTDICC010

Tgt Ion: 91 Resp: 58566

Ion Ratio Lower Upper

91 100

106 31.0 25.1 37.7



#68

m/p-Xylenes

Concen: 19.890 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012754.D

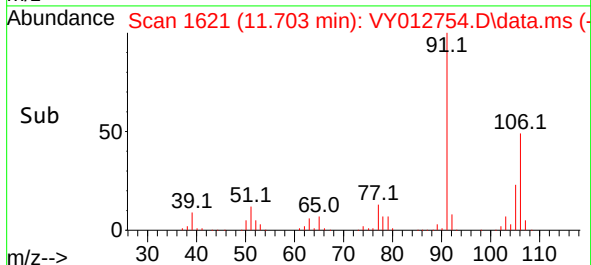
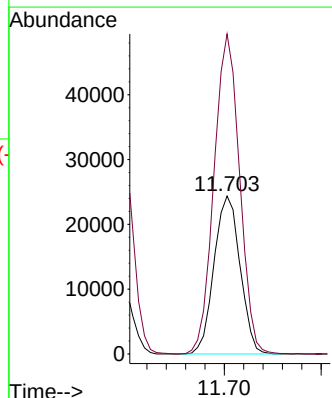
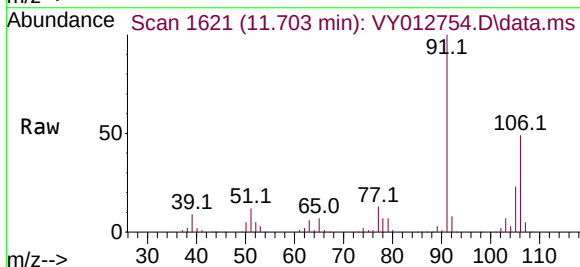
Acq: 02 Mar 2023 12:40

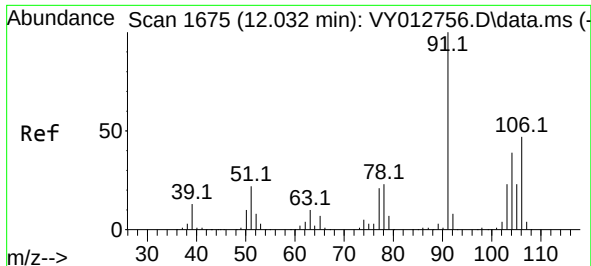
Tgt Ion: 106 Resp: 45472

Ion Ratio Lower Upper

106 100

91 199.7 159.8 239.8

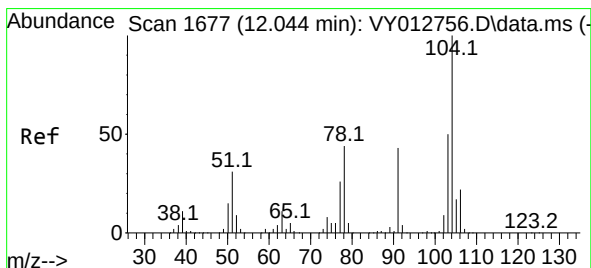
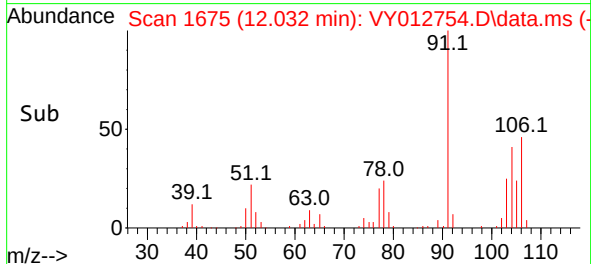
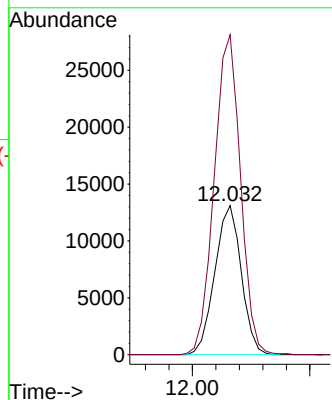
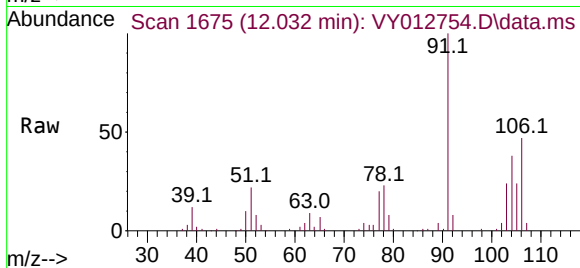




#69
o-Xylene
Concen: 9.605 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

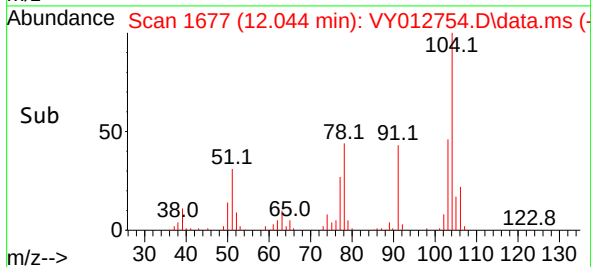
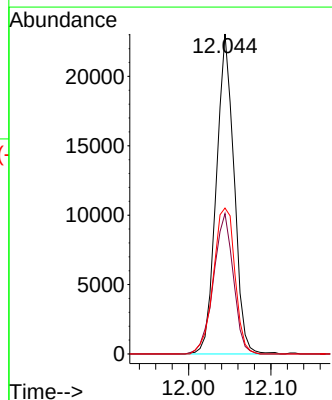
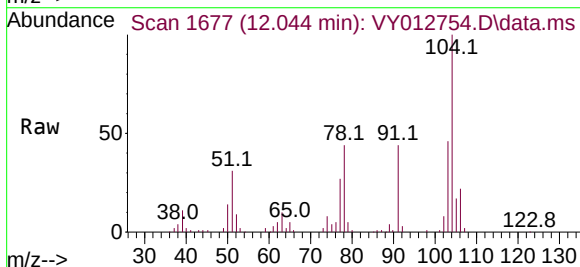
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

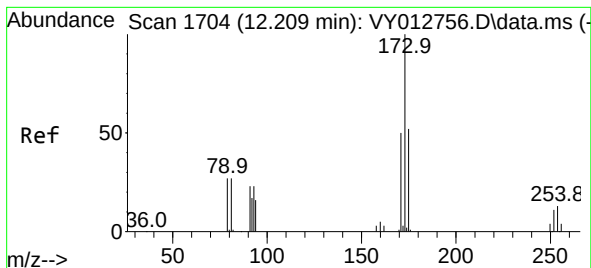
Tgt Ion:106 Resp: 20494
Ion Ratio Lower Upper
106 100
91 213.6 107.2 321.6



#70
Styrene
Concen: 9.706 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

Tgt Ion:104 Resp: 34560
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 55.2 43.7 65.5





#71

Bromoform

Concen: 10.481 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

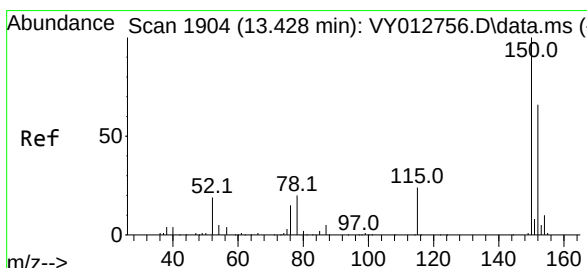
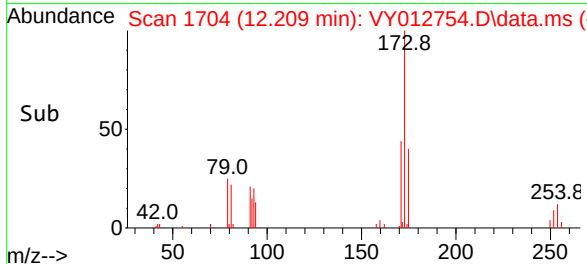
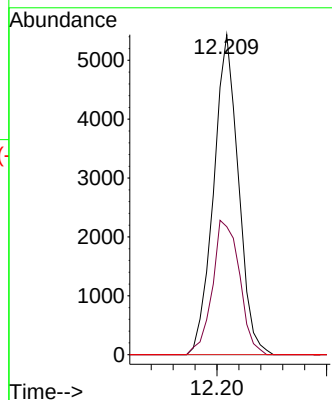
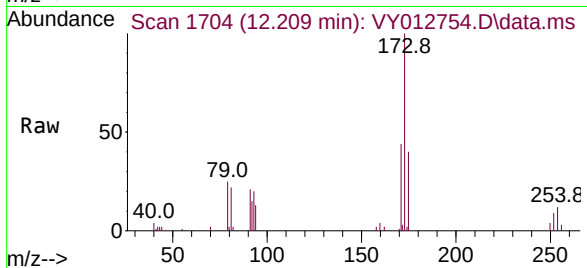
Tgt Ion:173 Resp: 8547

Ion Ratio Lower Upper

173 100

175 45.8 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

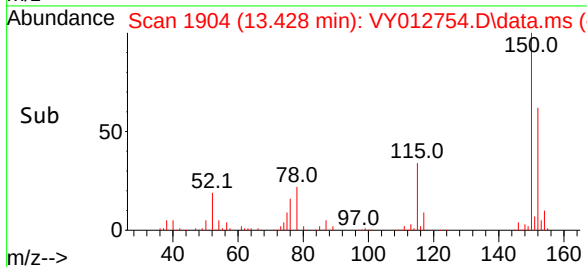
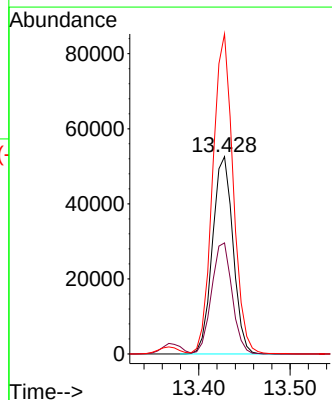
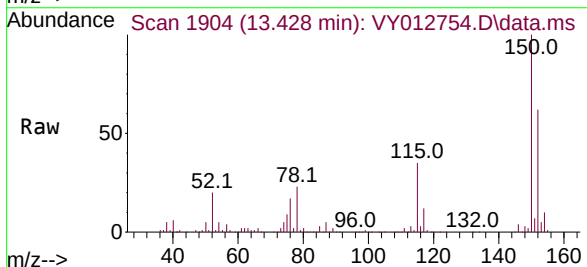
Tgt Ion:152 Resp: 81914

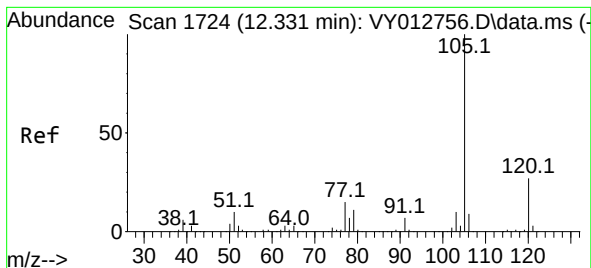
Ion Ratio Lower Upper

152 100

115 56.3 27.1 81.3

150 161.4 0.0 347.8





#73

Isopropylbenzene

Concen: 9.570 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

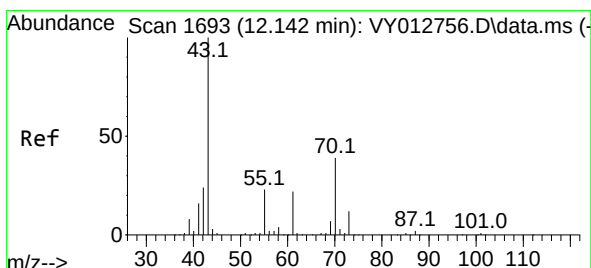
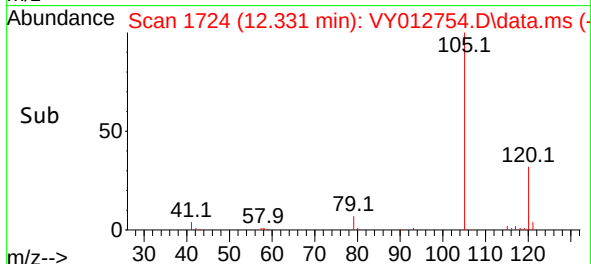
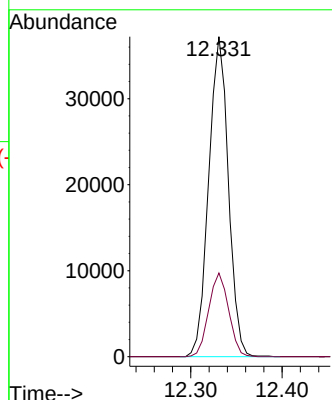
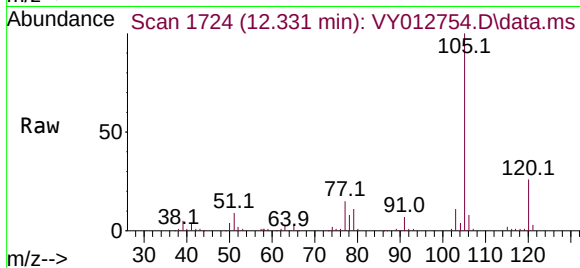
VSTDIC010

Tgt Ion:105 Resp: 55554

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 9.431 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Tgt Ion: 43 Resp: 17226

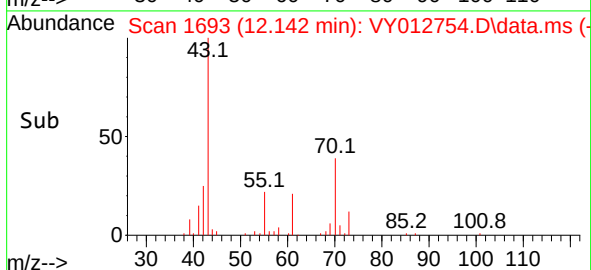
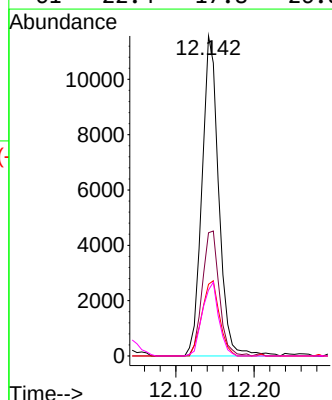
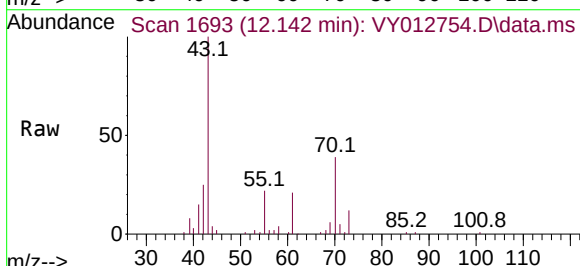
Ion Ratio Lower Upper

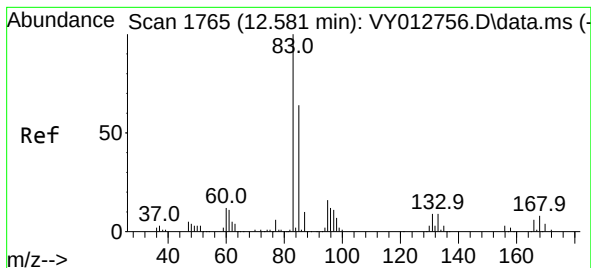
43 100

70 39.3 31.6 47.4

55 24.5 18.8 28.2

61 22.4 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 10.181 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

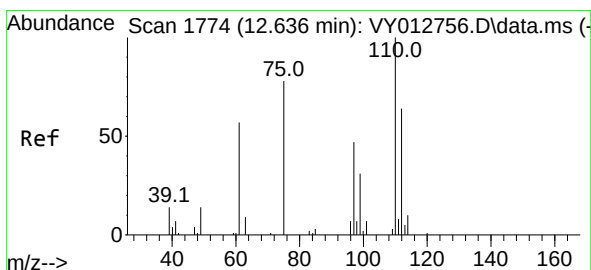
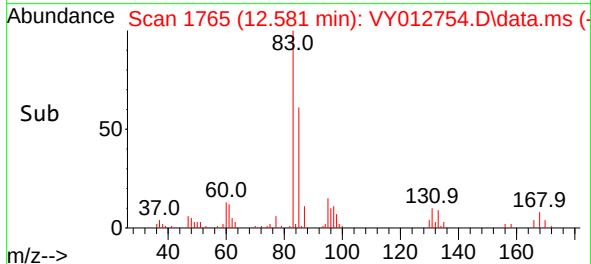
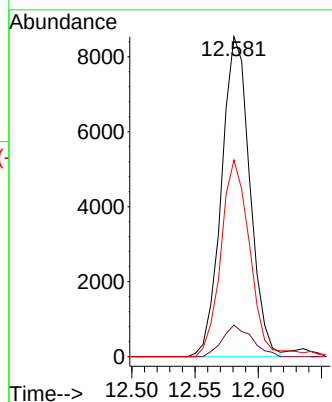
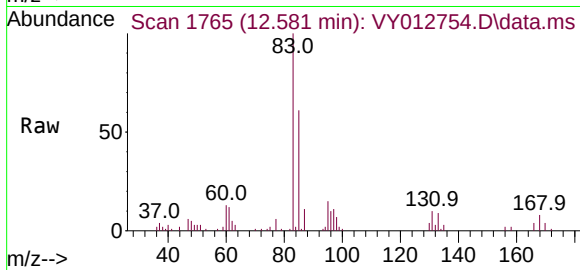
Tgt Ion: 83 Resp: 13286

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.2

85 63.5 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 16.921 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY012754.D

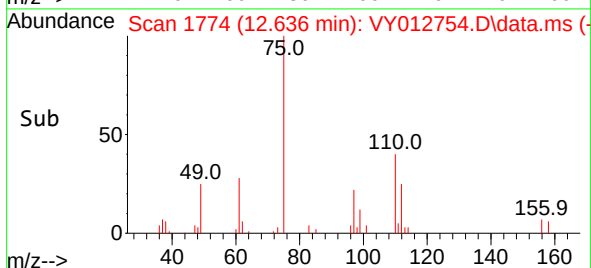
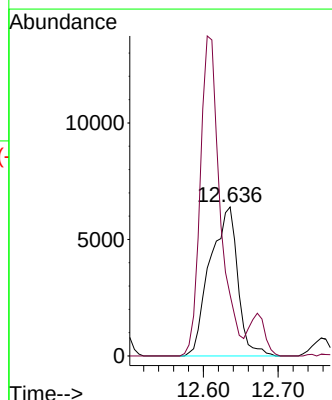
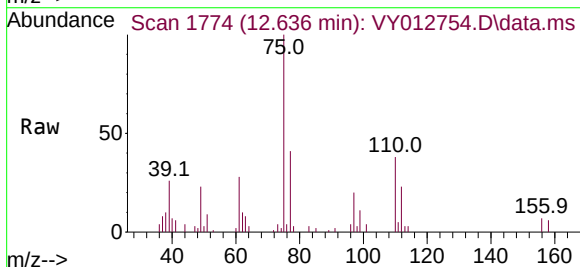
Acq: 02 Mar 2023 12:40

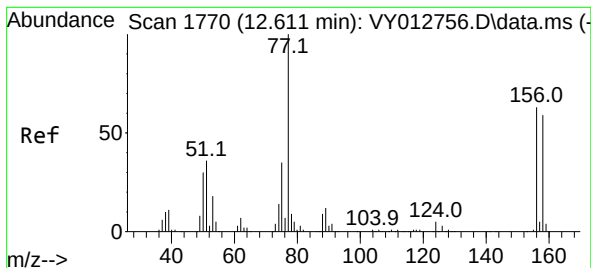
Tgt Ion: 75 Resp: 16552

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.874 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

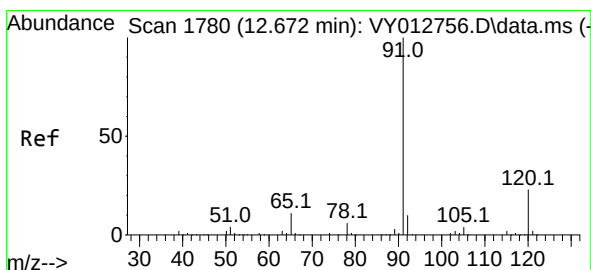
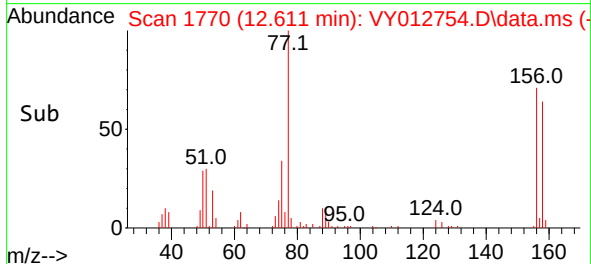
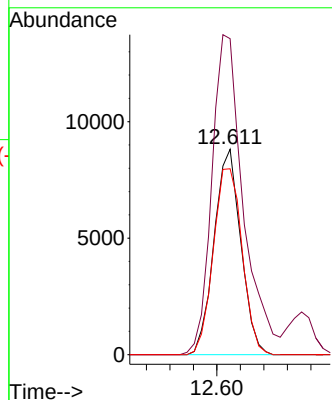
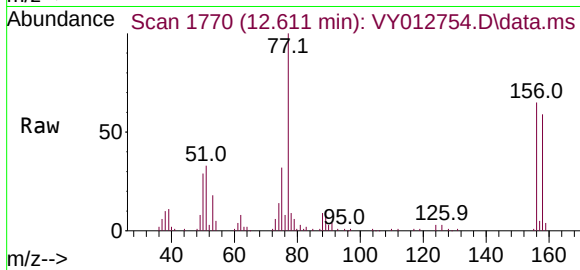
Tgt Ion:156 Resp: 13925

Ion Ratio Lower Upper

156 100

77 183.3 94.0 282.1

158 97.7 48.1 144.4



#78

n-propylbenzene

Concen: 9.613 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012754.D

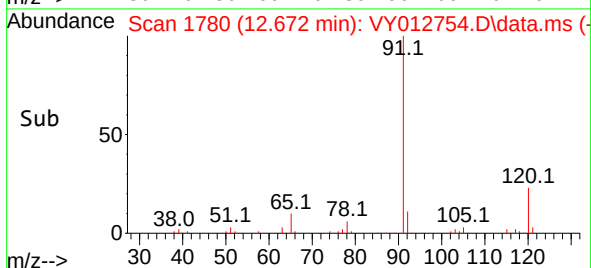
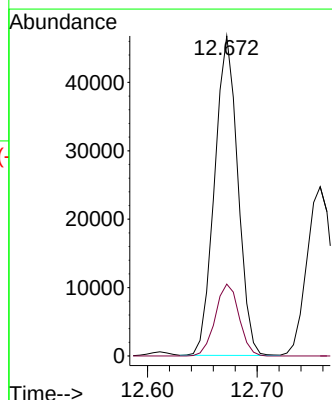
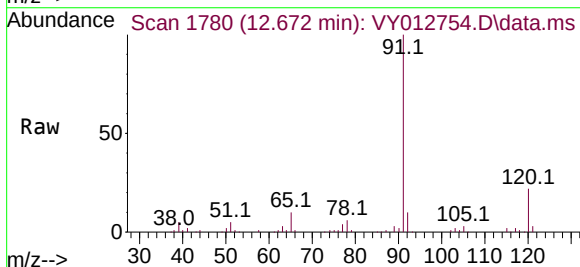
Acq: 02 Mar 2023 12:40

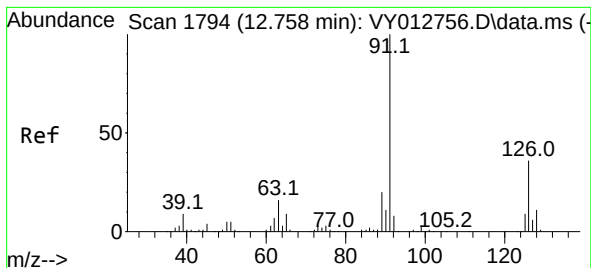
Tgt Ion: 91 Resp: 68802

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8





#79

2-Chlorotoluene

Concen: 9.850 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

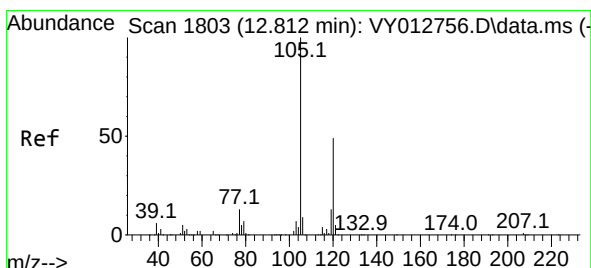
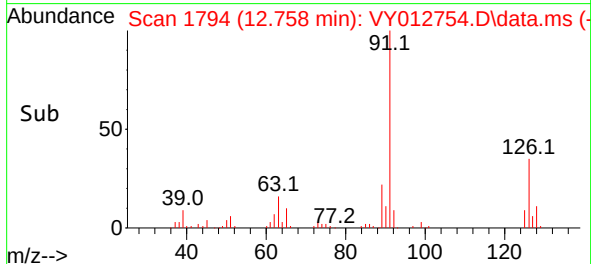
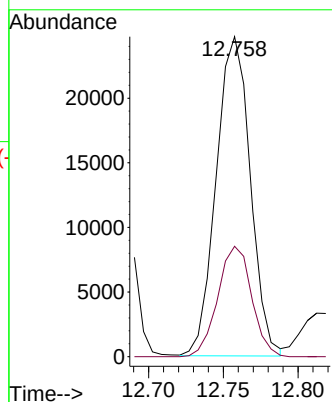
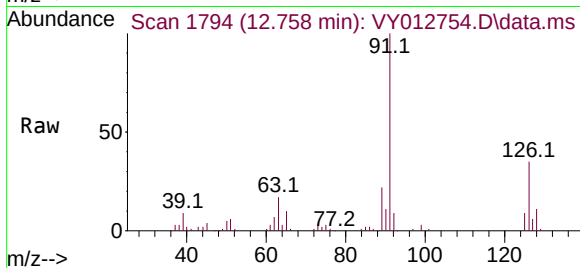
VSTDIC010

Tgt Ion: 91 Resp: 39182

Ion Ratio Lower Upper

91 100

126 34.2 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 9.790 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012754.D

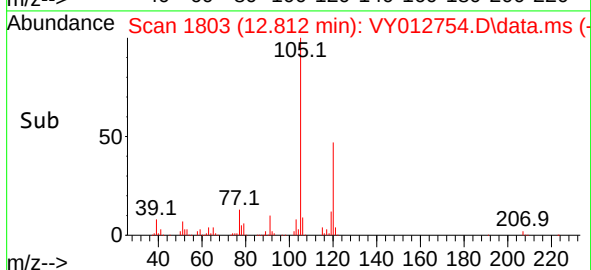
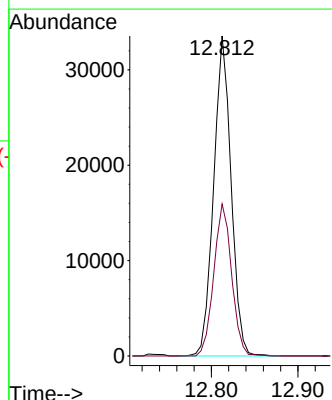
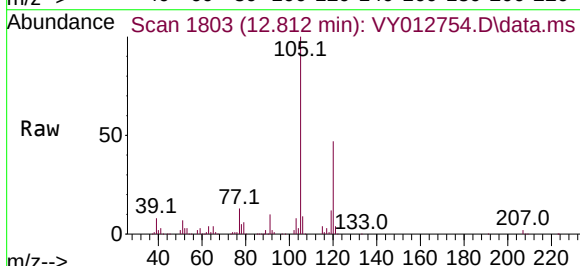
Acq: 02 Mar 2023 12:40

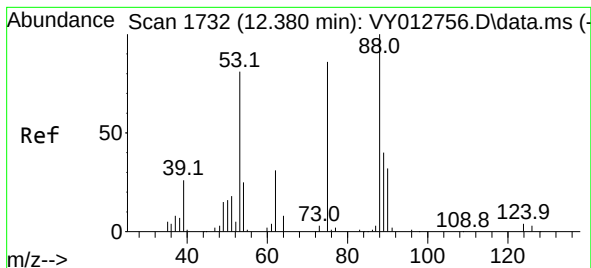
Tgt Ion:105 Resp: 46904

Ion Ratio Lower Upper

105 100

120 48.5 24.8 74.4

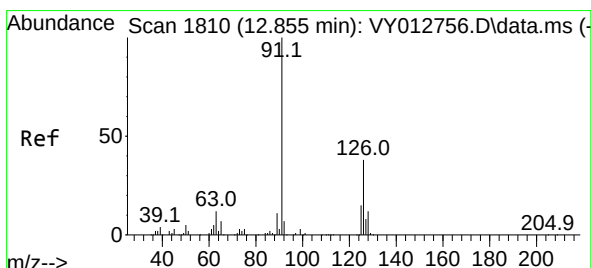
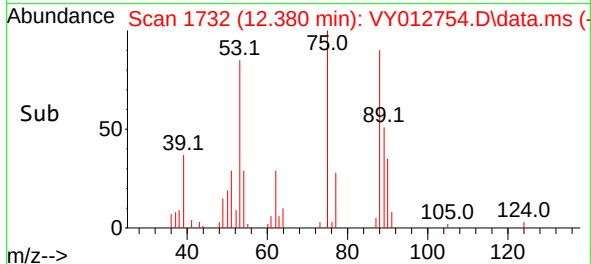
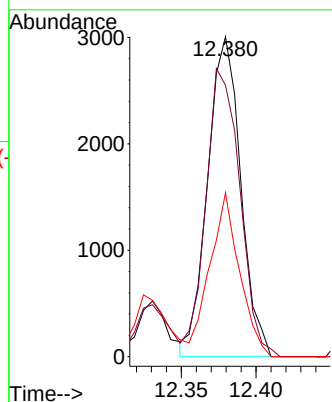
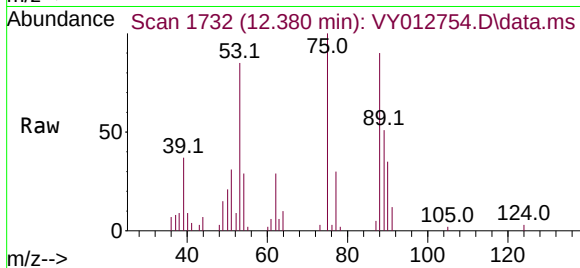




#81
trans-1,4-Dichloro-2-butene
Concen: 9.780 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

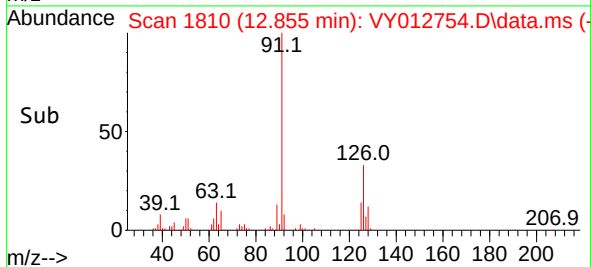
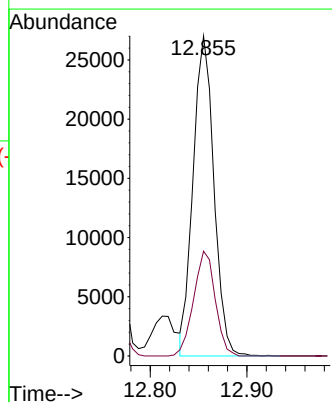
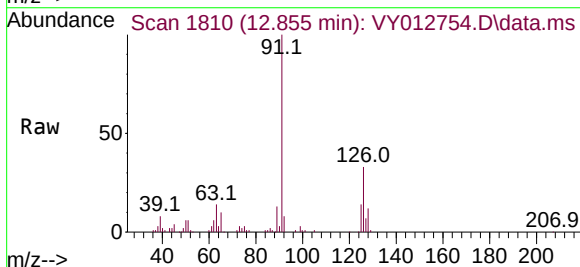
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

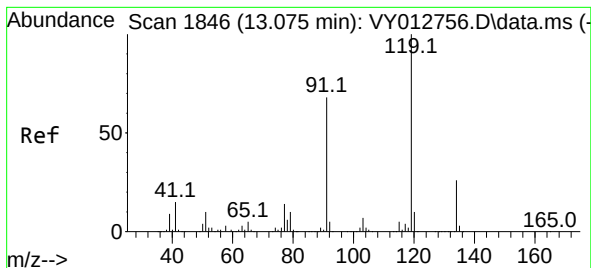
Tgt Ion: 75 Resp: 4617
Ion Ratio Lower Upper
75 100
53 92.7 73.4 110.0
89 45.9 36.6 55.0



#82
4-Chlorotoluene
Concen: 9.806 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

Tgt Ion: 91 Resp: 40380
Ion Ratio Lower Upper
91 100
126 34.0 17.7 53.1





#83

tert-Butylbenzene

Concen: 9.546 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

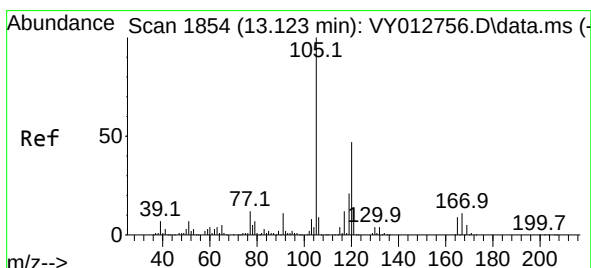
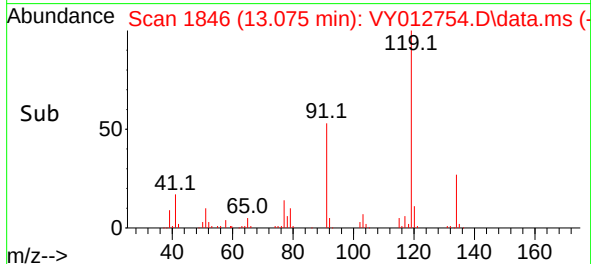
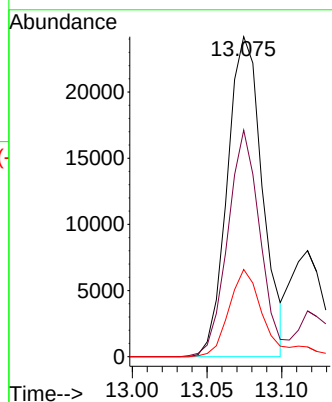
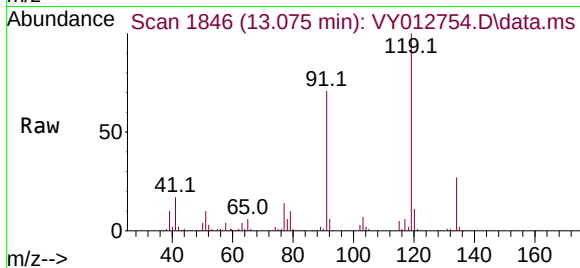
Tgt Ion:119 Resp: 39472

Ion Ratio Lower Upper

119 100

91 65.9 32.8 98.3

134 27.6 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 9.884 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY012754.D

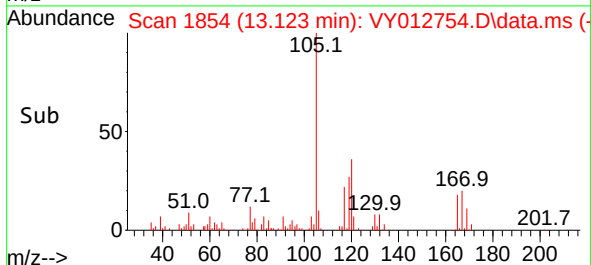
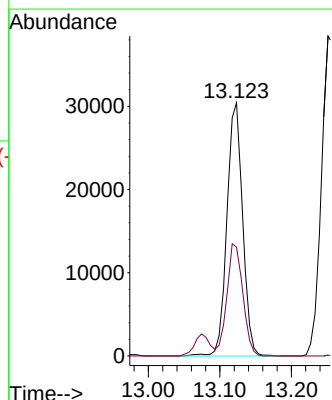
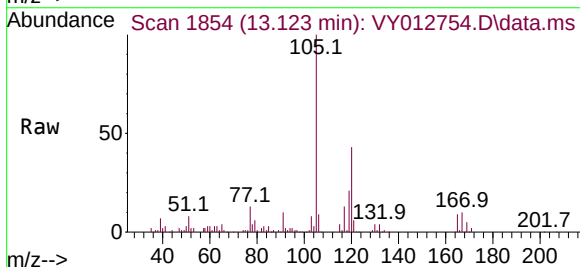
Acq: 02 Mar 2023 12:40

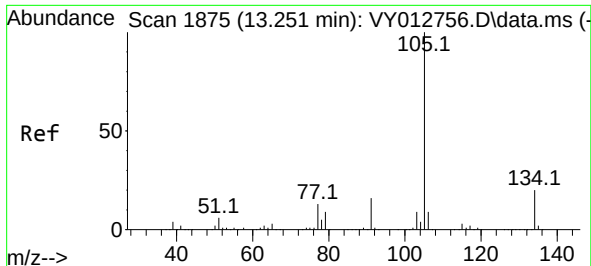
Tgt Ion:105 Resp: 46304

Ion Ratio Lower Upper

105 100

120 45.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 9.644 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

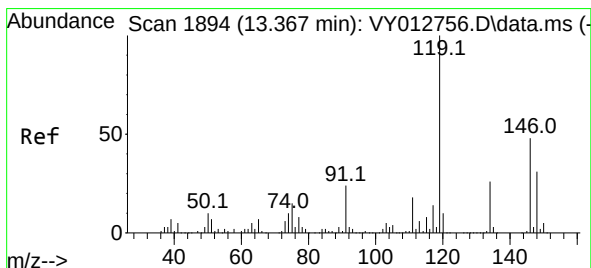
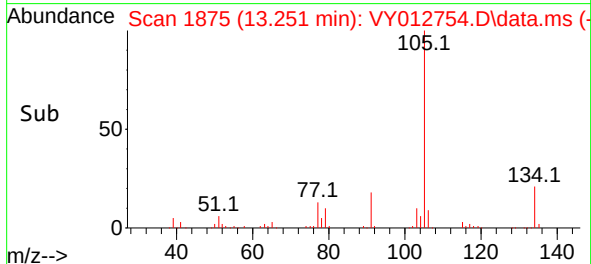
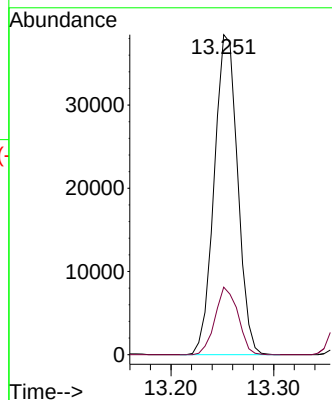
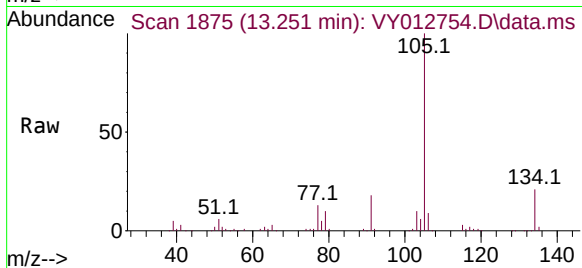
VSTDIC010

Tgt Ion:105 Resp: 60836

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 9.565 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

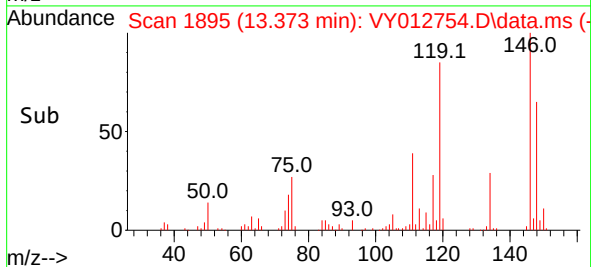
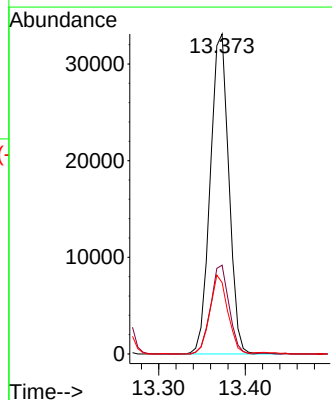
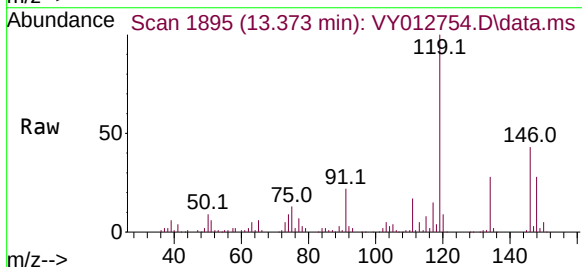
Tgt Ion:119 Resp: 49317

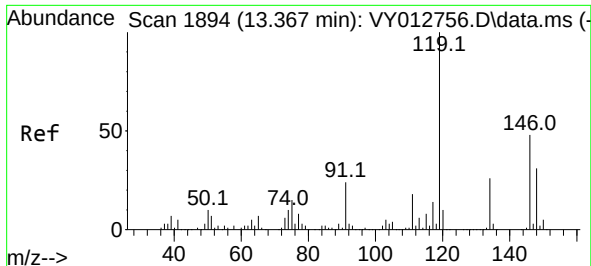
Ion Ratio Lower Upper

119 100

134 27.6 13.2 39.6

91 23.8 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 10.103 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

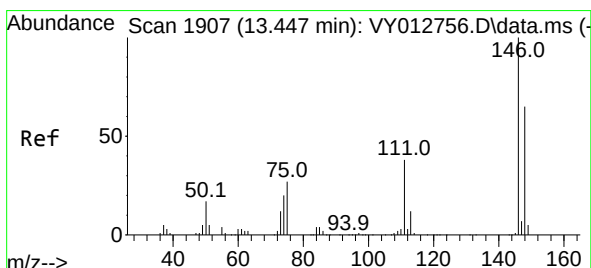
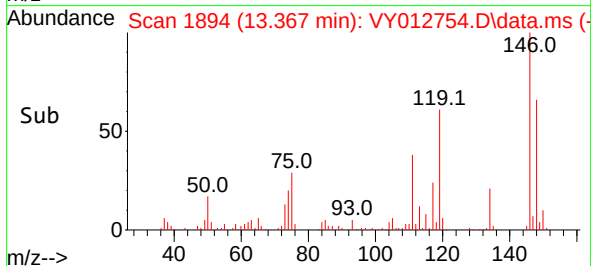
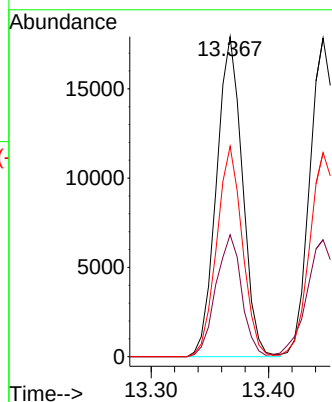
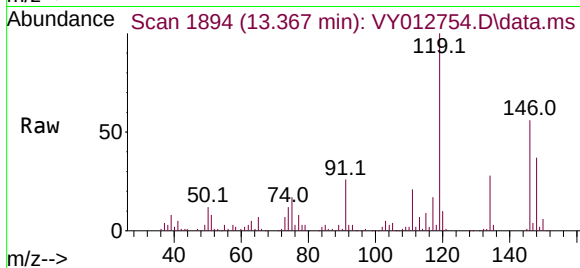
Tgt Ion:146 Resp: 27481

Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.5

148 65.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 10.037 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

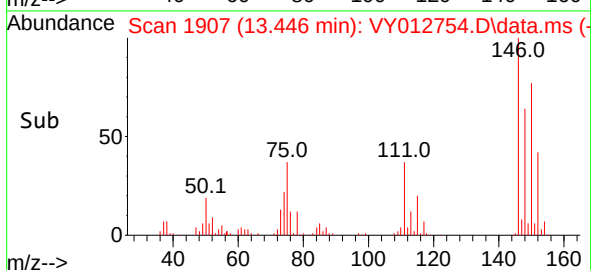
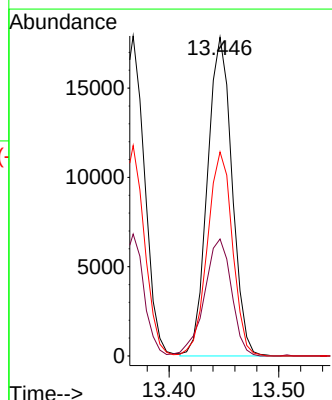
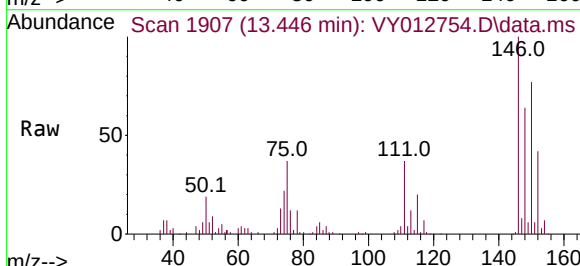
Tgt Ion:146 Resp: 27862

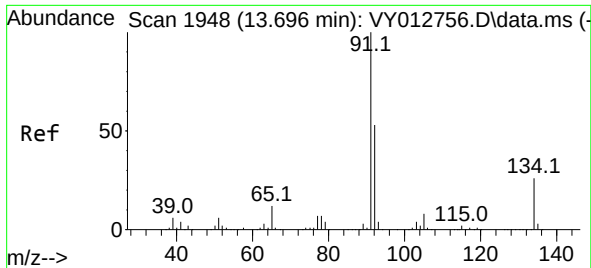
Ion Ratio Lower Upper

146 100

111 40.5 18.6 55.8

148 65.5 31.5 94.5

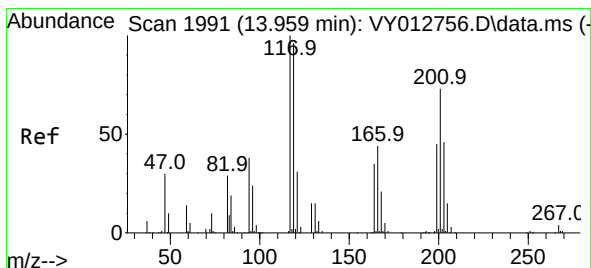
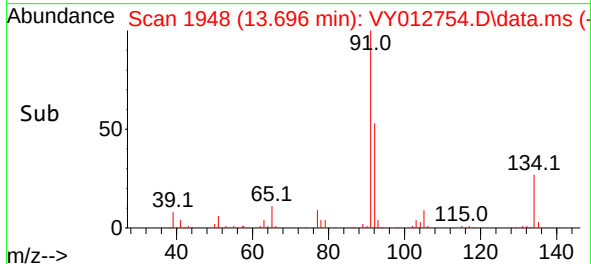
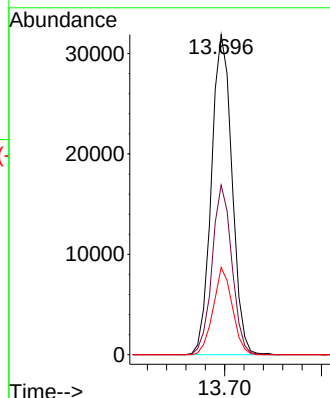
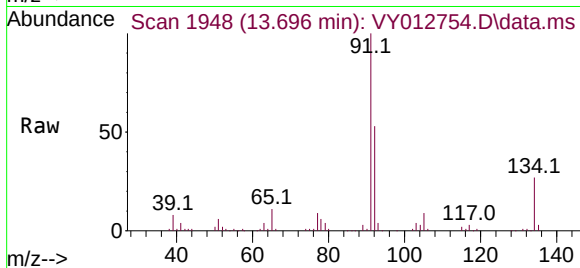




#89
n-Butylbenzene
Concen: 9.562 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

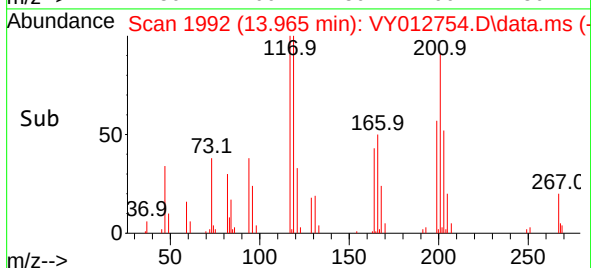
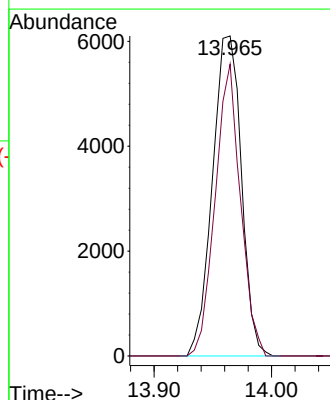
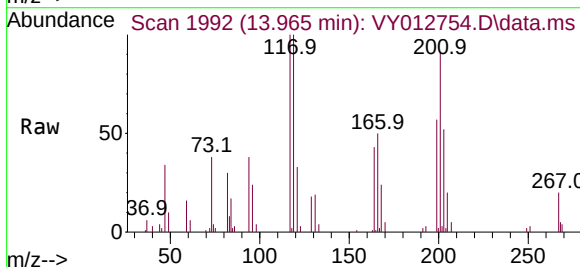
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

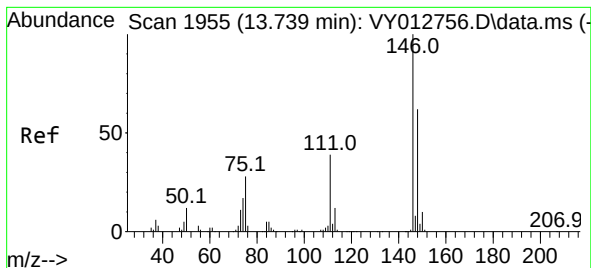
Tgt Ion:	91	Resp:	47196
Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.4	79.0
134	25.3	13.0	38.9



#90
Hexachloroethane
Concen: 9.732 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY012754.D
Acq: 02 Mar 2023 12:40

Tgt Ion:	117	Resp:	10451
Ion	Ratio	Lower	Upper
117	100		
201	79.7	39.4	118.1





#91

1,2-Dichlorobenzene

Concen: 10.038 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

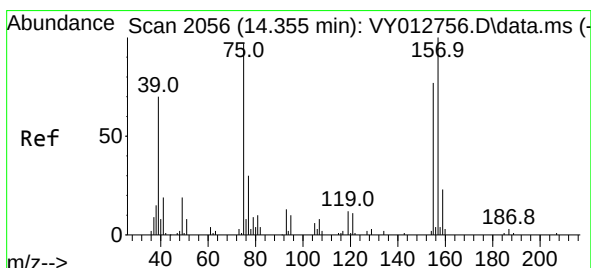
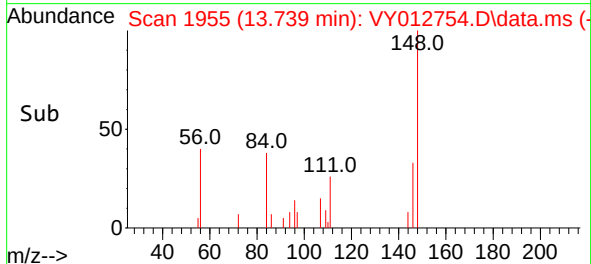
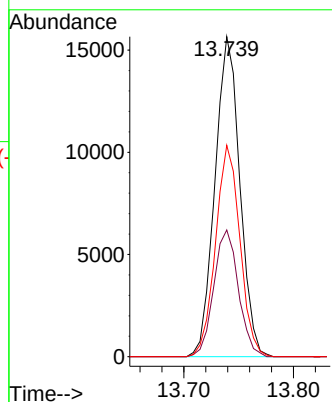
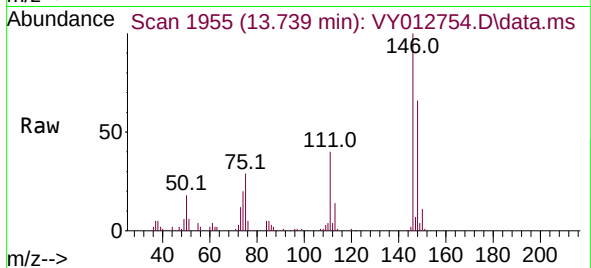
Tgt Ion:146 Resp: 24681

Ion Ratio Lower Upper

146 100

111 39.2 19.7 59.1

148 64.8 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.417 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

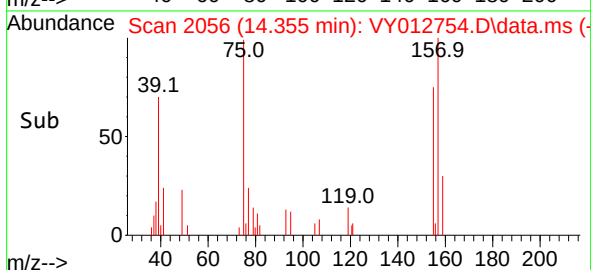
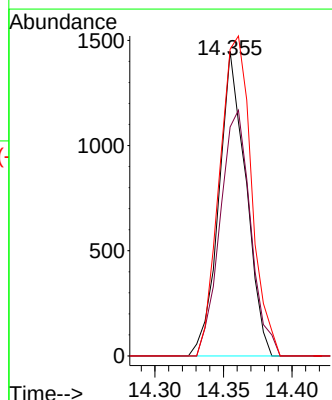
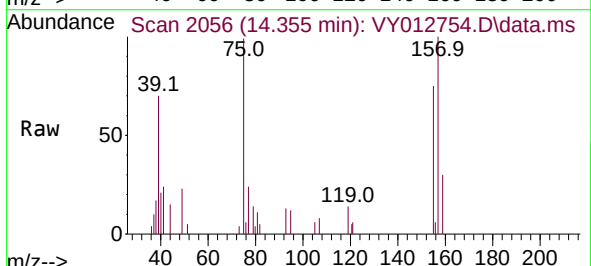
Tgt Ion: 75 Resp: 1986

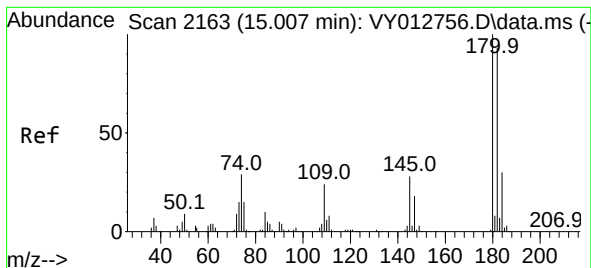
Ion Ratio Lower Upper

75 100

155 90.8 43.8 131.4

157 123.9 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 9.369 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

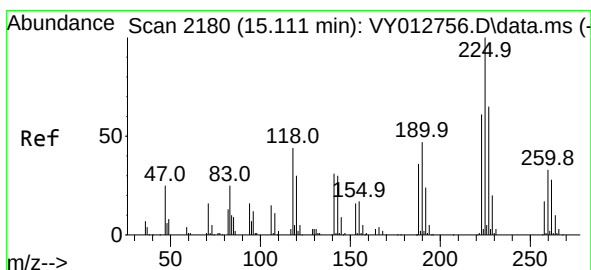
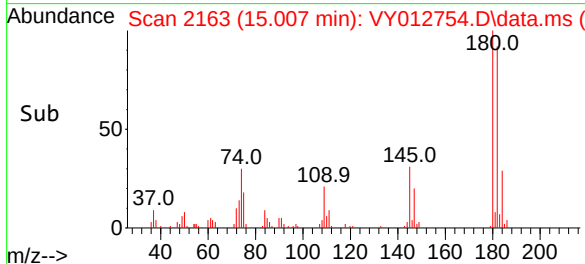
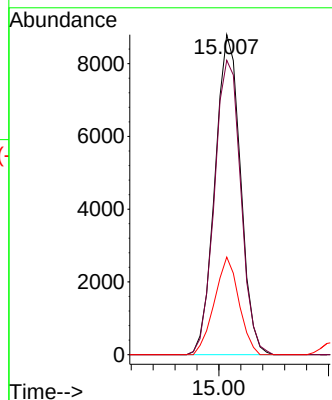
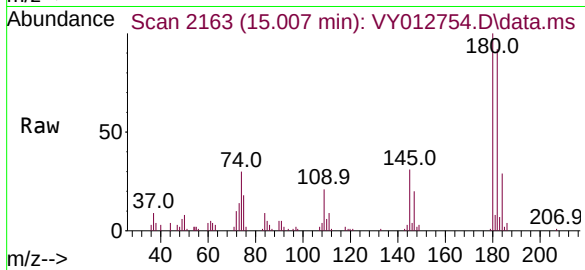
Tgt Ion:180 Resp: 14183

Ion Ratio Lower Upper

180 100

182 95.2 46.7 140.1

145 29.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 9.921 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

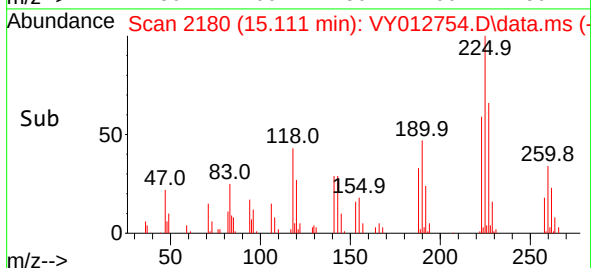
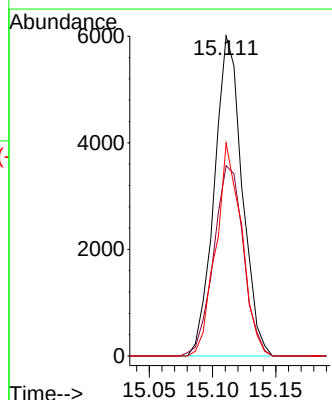
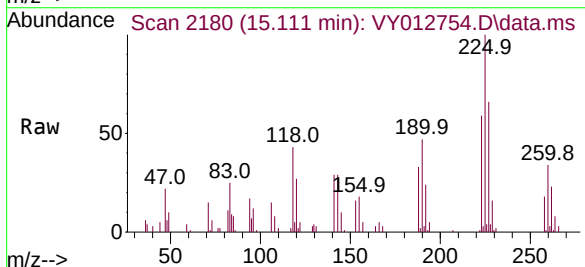
Tgt Ion:225 Resp: 9161

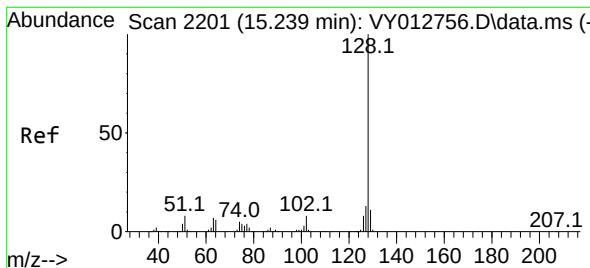
Ion Ratio Lower Upper

225 100

223 63.7 31.1 93.3

227 61.7 32.4 97.0





#95

Naphthalene

Concen: 8.636 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

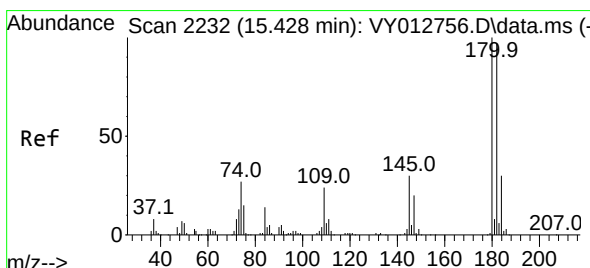
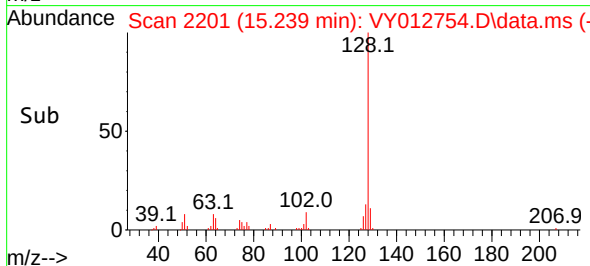
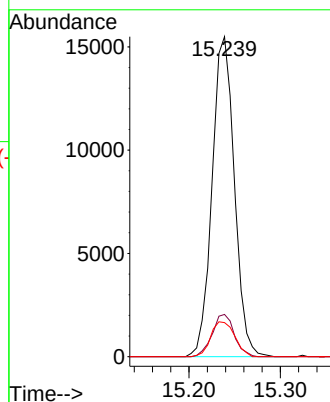
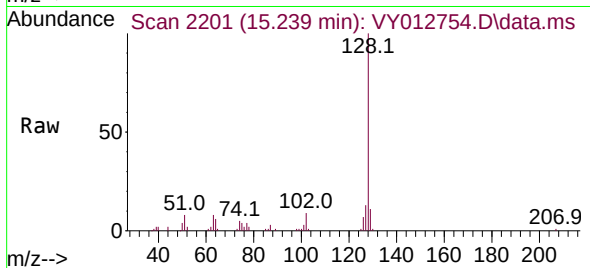
Tgt Ion:128 Resp: 26198

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 9.688 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY012754.D

Acq: 02 Mar 2023 12:40

Tgt Ion:180 Resp: 13044

Ion Ratio Lower Upper

180 100

182 93.5 47.4 142.3

145 31.4 15.3 45.8

