

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012510.D
 Acq On : 07 Feb 2023 10:36
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Feb 07 21:46:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 21:44:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	141820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	196407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103927	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	18411	10.209	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.420%#
35) Dibromofluoromethane	7.722	113	15354	9.924	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.840%#
50) Toluene-d8	10.179	98	65598	10.187	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	20.380%#
62) 4-Bromofluorobenzene	12.483	95	21260	9.465	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	18.920%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	13459	10.651	ug/l	98
3) Chloromethane	2.113	50	12433	11.252	ug/l	89
4) Vinyl Chloride	2.253	62	14937	10.850	ug/l	98
5) Bromomethane	2.656	94	12758	10.411	ug/l	100
6) Chloroethane	2.796	64	10065	10.504	ug/l	98
7) Trichlorofluoromethane	3.131	101	29683	10.490	ug/l	100
8) Diethyl Ether	3.533	74	8547	10.187	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	14944	10.459	ug/l	99
10) Methyl Iodide	4.094	142	18014	9.725	ug/l	100
11) Tert butyl alcohol	4.942	59	13060	68.423	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	14829	10.503	ug/l	84
13) Acrolein	3.729	56	10791	50.899	ug/l	99
14) Allyl chloride	4.478	41	17159	9.968	ug/l	98
15) Acrylonitrile	5.161	53	19114	49.378	ug/l	97
16) Acetone	3.948	43	20802	47.925	ug/l	99
17) Carbon Disulfide	4.198	76	40006	10.925	ug/l	100
18) Methyl Acetate	4.478	43	10156	9.735	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	41046	9.935	ug/l	96
20) Methylene Chloride	4.716	84	22449	10.514	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	16175	10.505	ug/l	98
22) Diisopropyl ether	6.124	45	35900	10.256	ug/l	98
23) Vinyl Acetate	6.057	43	104966	49.744	ug/l	99
24) 1,1-Dichloroethane	6.021	63	26233	10.484	ug/l	98
25) 2-Butanone	6.978	43	23634	49.075	ug/l	95
26) 2,2-Dichloropropane	6.978	77	28656	10.423	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	18185	10.177	ug/l	98
28) Bromochloromethane	7.338	49	9611	10.567	ug/l	99
29) Tetrahydrofuran	7.350	42	12949	49.736	ug/l	98
30) Chloroform	7.508	83	31658	10.494	ug/l	100
31) Cyclohexane	7.789	56	22753	10.912	ug/l #	92
32) 1,1,1-Trichloroethane	7.703	97	29973	10.238	ug/l	99
36) 1,1-Dichloropropene	7.917	75	21897	10.457	ug/l	99
37) Ethyl Acetate	7.076	43	9744	10.313	ug/l	99
38) Carbon Tetrachloride	7.905	117	29059	10.338	ug/l	95
39) Methylcyclohexane	9.185	83	25257	10.024	ug/l	96
40) Benzene	8.161	78	64248	10.388	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012510.D
 Acq On : 07 Feb 2023 10:36
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Feb 07 21:46:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 21:44:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	13075	25.264	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	20539	10.246	ug/l	99
43) Isopropyl Acetate	8.277	43	16646	9.502	ug/l	99
44) Trichloroethene	8.941	130	19366	10.287	ug/l	94
45) 1,2-Dichloropropane	9.215	63	13764	10.264	ug/l	97
46) Dibromomethane	9.307	93	9107	10.256	ug/l	99
47) Bromodichloromethane	9.496	83	23633	10.265	ug/l	98
48) Methyl methacrylate	9.295	41	7666	9.574	ug/l	94
49) 1,4-Dioxane	9.295	88	2481	202.402	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	45918	48.583	ug/l	100
52) Toluene	10.246	92	43829	10.451	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	23470	10.116	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	25603	10.198	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	13254	10.215	ug/l	95
56) Ethyl methacrylate	10.508	69	15748	9.661	ug/l	98
57) 1,3-Dichloropropane	10.788	76	21597	10.314	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	37870	51.686	ug/l	97
59) 2-Hexanone	10.831	43	34106	47.750	ug/l	100
60) Dibromochloromethane	10.983	129	17506	10.122	ug/l	99
61) 1,2-Dibromoethane	11.093	107	12439	10.232	ug/l	100
64) Tetrachloroethene	10.721	164	21000	10.241	ug/l	98
65) Chlorobenzene	11.514	112	46916	10.071	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	18654	10.219	ug/l	99
67) Ethyl Benzene	11.593	91	82269	10.059	ug/l	98
68) m/p-Xylenes	11.703	106	65777	20.150	ug/l	98
69) o-Xylene	12.032	106	31307	10.070	ug/l	99
70) Styrene	12.044	104	53413	10.131	ug/l	98
71) Bromoform	12.209	173	11695	10.135	ug/l #	100
73) Isopropylbenzene	12.331	105	84467	10.046	ug/l	98
74) N-amyl acetate	12.142	43	14279	9.381	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	13906	10.228	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	20100	17.268	ug/l #	100
77) Bromobenzene	12.611	156	20687	10.151	ug/l	97
78) n-propylbenzene	12.672	91	97529	10.077	ug/l	99
79) 2-Chlorotoluene	12.757	91	55086	10.027	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	73741	10.188	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	5088	9.882	ug/l	95
82) 4-Chlorotoluene	12.855	91	58315	10.119	ug/l	99
83) tert-Butylbenzene	13.074	119	62906	9.911	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	71612	10.055	ug/l	99
85) sec-Butylbenzene	13.251	105	90775	9.997	ug/l	100
86) p-Isopropyltoluene	13.367	119	78056	9.909	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	41856	10.322	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	41254	10.157	ug/l	97
89) n-Butylbenzene	13.696	91	66538	9.883	ug/l	99
90) Hexachloroethane	13.958	117	14769	10.214	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	37539	10.291	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2598	9.602	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	22184	9.815	ug/l	97
94) Hexachlorobutadiene	15.111	225	14130	10.063	ug/l	97
95) Naphthalene	15.239	128	39520	9.108	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	18892	9.656	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
Data File : VY012510.D
Acq On : 07 Feb 2023 10:36
Operator : KP/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

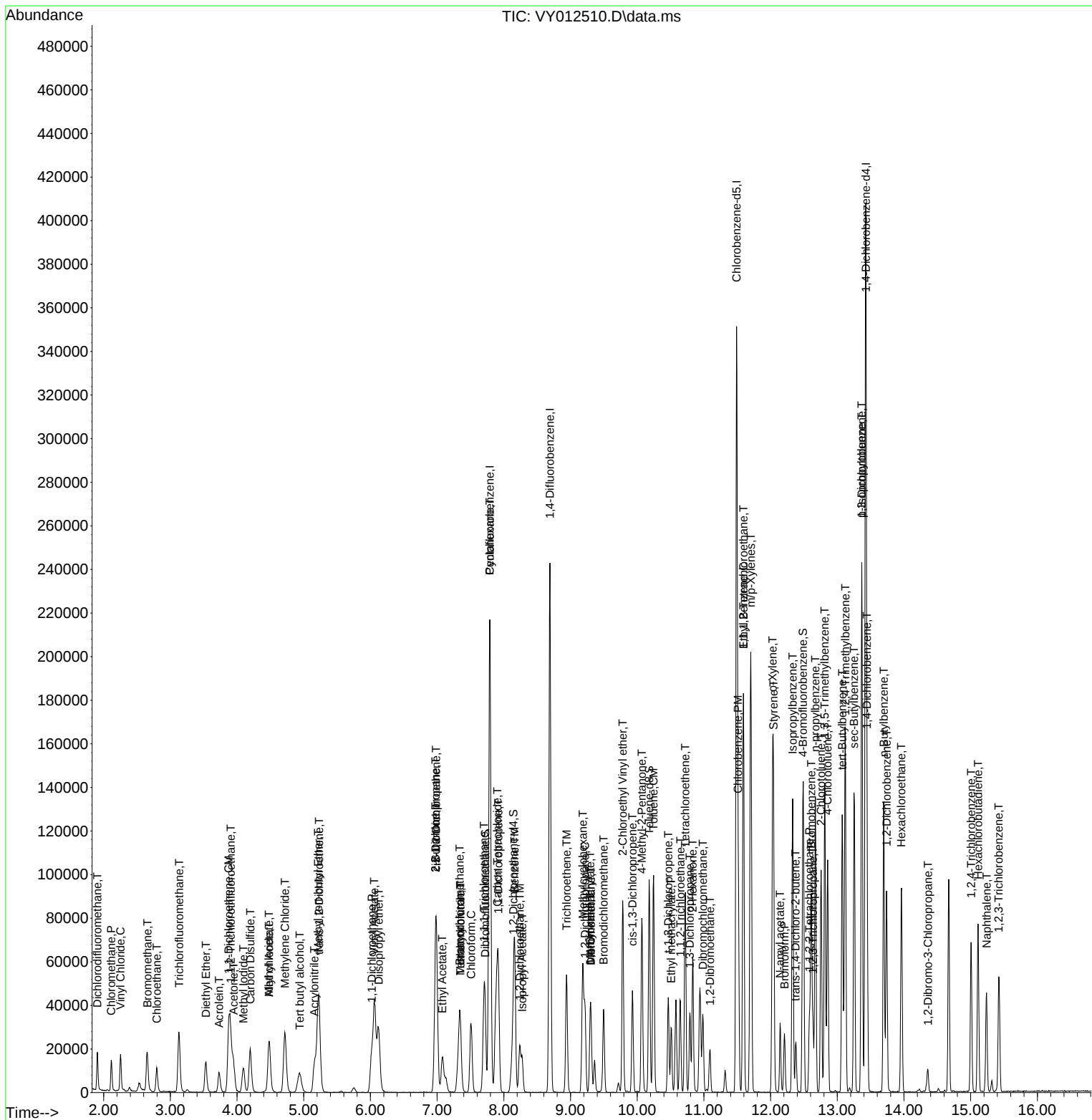
Quant Time: Feb 07 21:46:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 07 21:44:35 2023
Response via : Initial Calibration

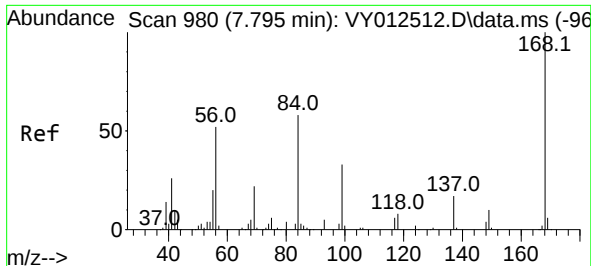
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Quant Time: Feb 07 21:46:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 07 21:44:35 2023
Response via : Initial Calibration

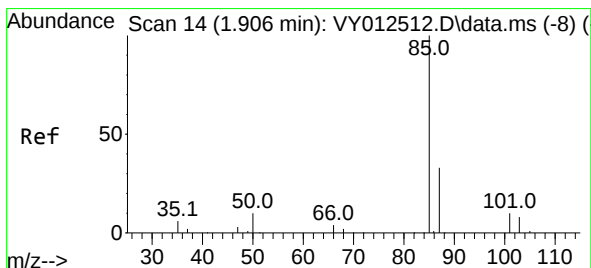
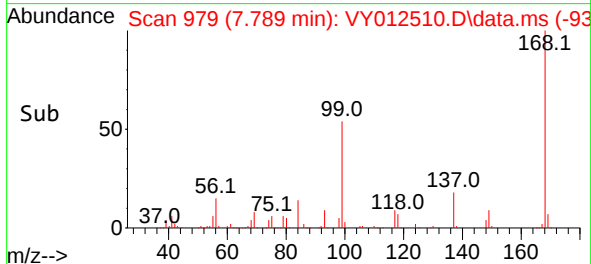
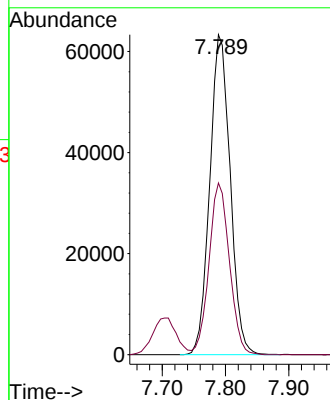
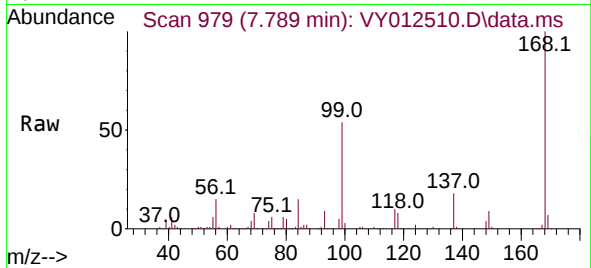




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

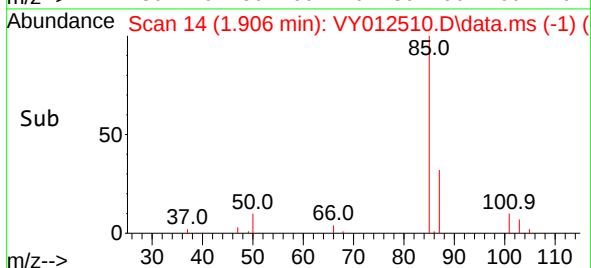
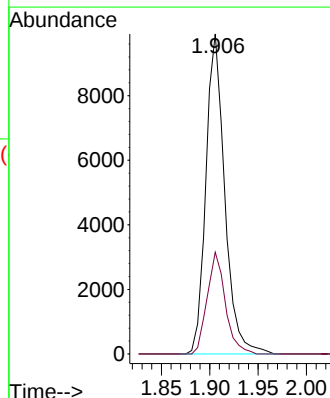
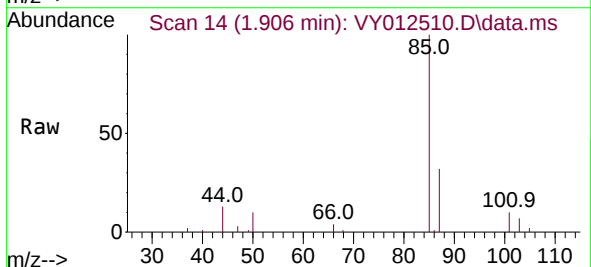
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

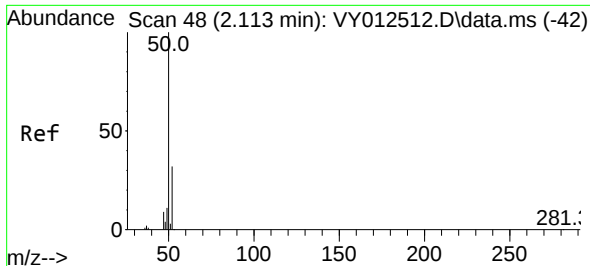
Tgt Ion:168 Resp: 141820
Ion Ratio Lower Upper
168 100
99 53.7 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 10.651 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion: 85 Resp: 13459
Ion Ratio Lower Upper
85 100
87 31.8 16.6 49.8

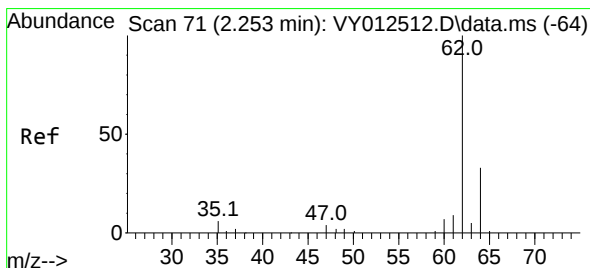
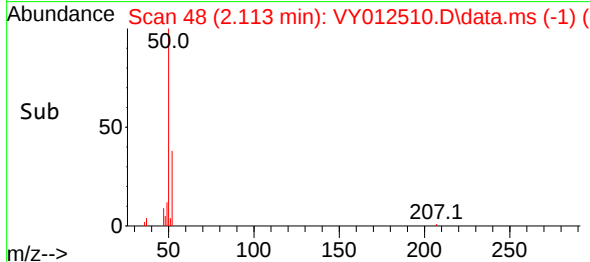
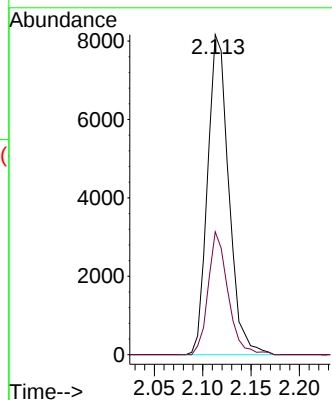
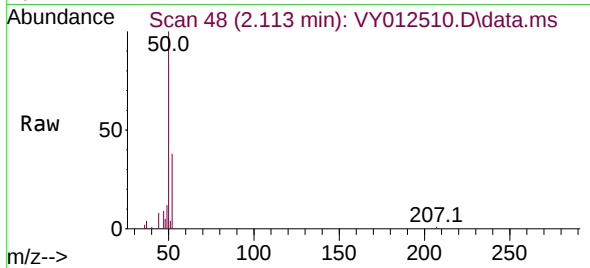




#3
Chloromethane
Concen: 11.252 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

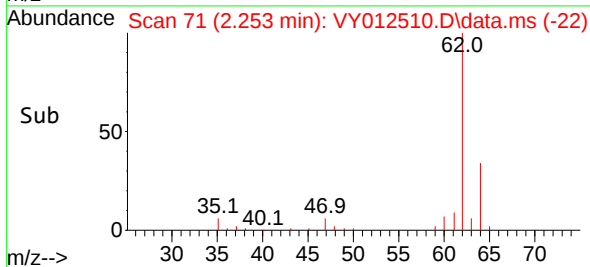
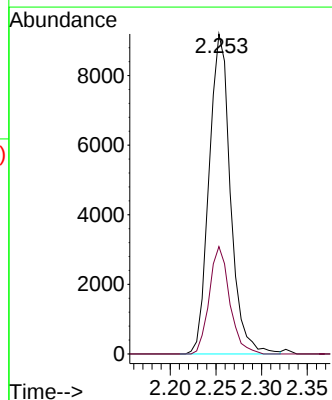
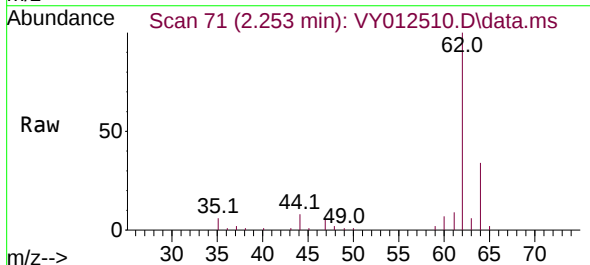
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

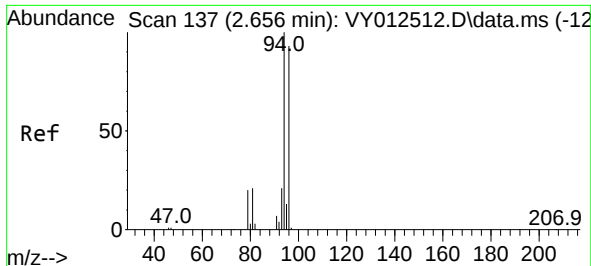
Tgt Ion: 50 Resp: 12433
Ion Ratio Lower Upper
50 100
52 38.4 25.8 38.6



#4
Vinyl Chloride
Concen: 10.850 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion: 62 Resp: 14937
Ion Ratio Lower Upper
62 100
64 33.6 26.1 39.1

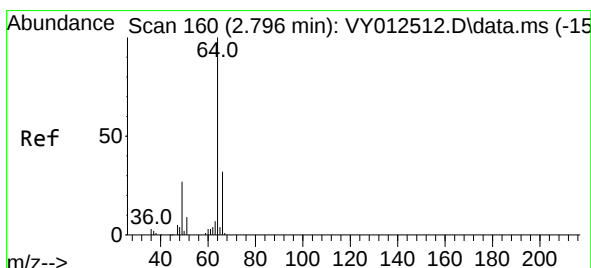
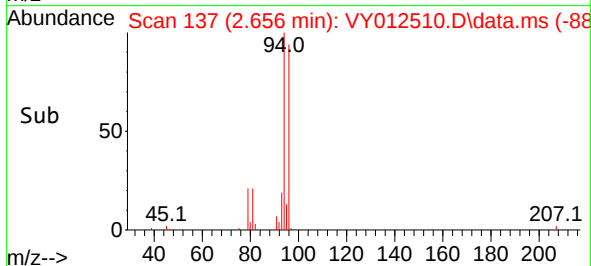
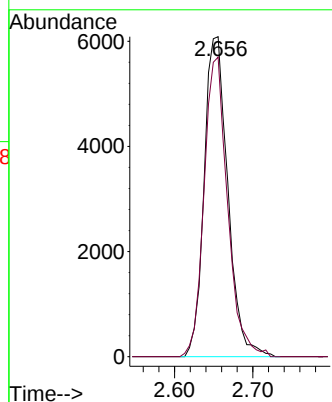
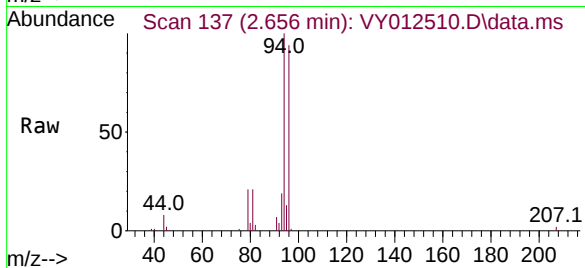




#5
Bromomethane
Concen: 10.411 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

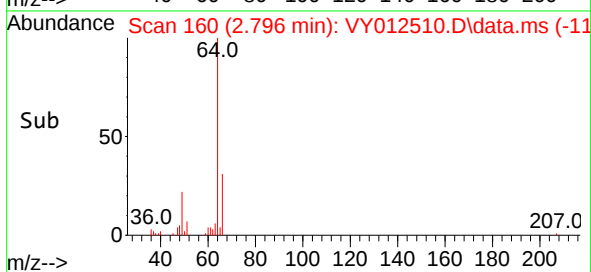
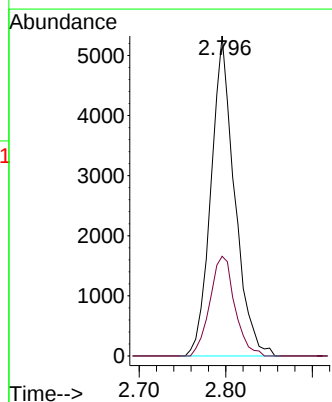
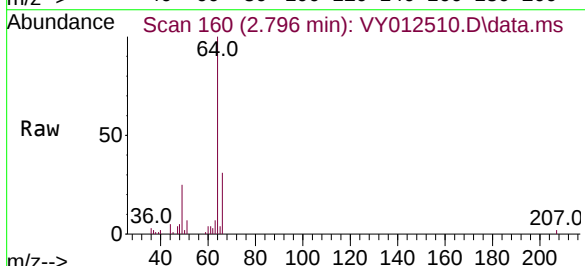
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

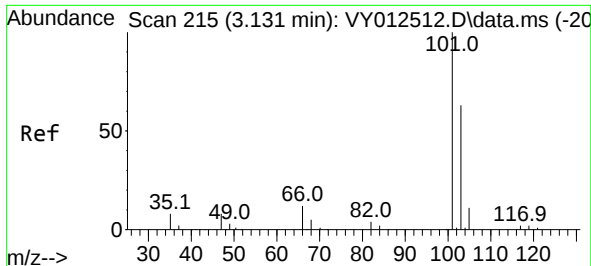
Tgt Ion: 94 Resp: 12758
Ion Ratio Lower Upper
94 100
96 93.6 74.7 112.1



#6
Chloroethane
Concen: 10.504 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion: 64 Resp: 10065
Ion Ratio Lower Upper
64 100
66 31.1 25.7 38.5

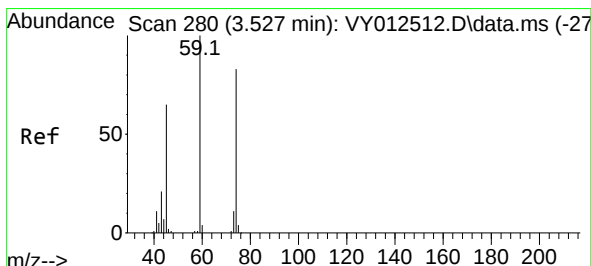
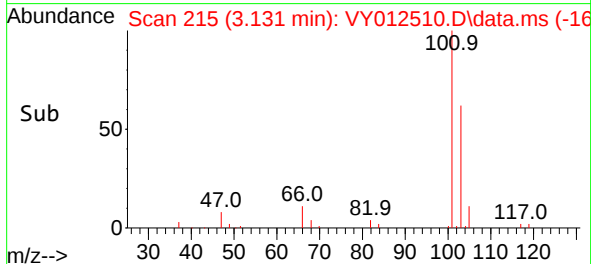
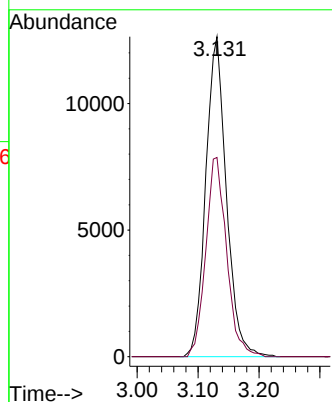
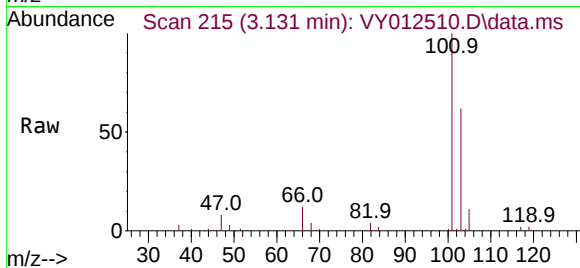




#7
 Trichlorofluoromethane
 Concen: 10.490 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY012510.D
 Acq: 07 Feb 2023 10:36

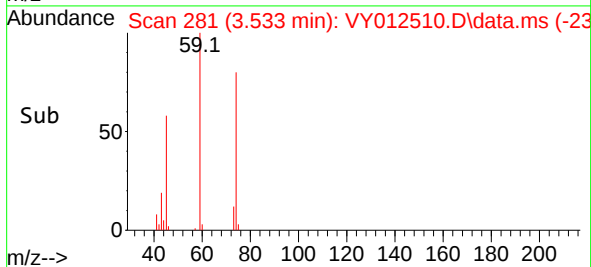
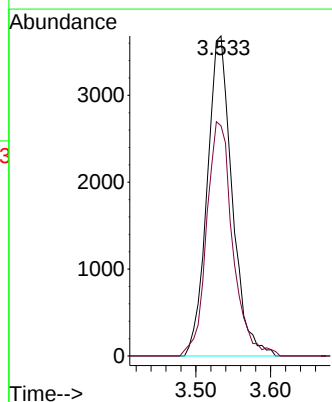
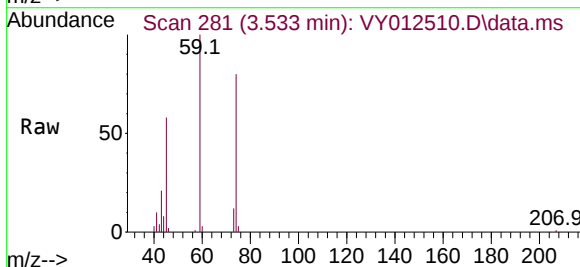
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

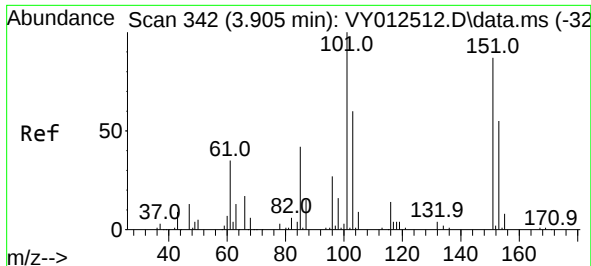
Tgt Ion:101 Resp: 29683
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.1 75.1



#8
 Diethyl Ether
 Concen: 10.187 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY012510.D
 Acq: 07 Feb 2023 10:36

Tgt Ion: 74 Resp: 8547
 Ion Ratio Lower Upper
 74 100
 45 76.5 37.8 113.4

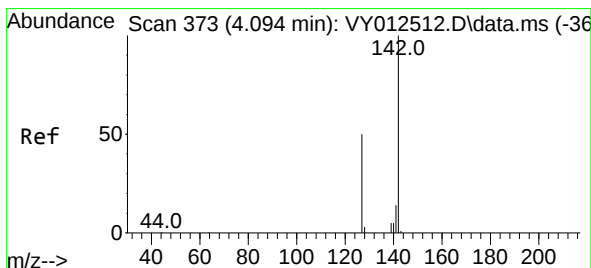
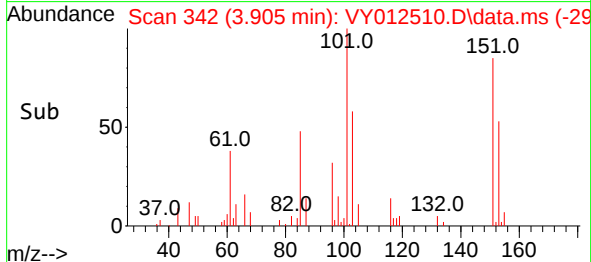
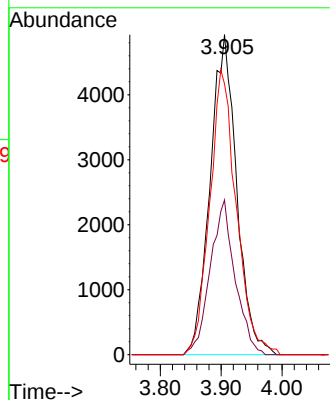
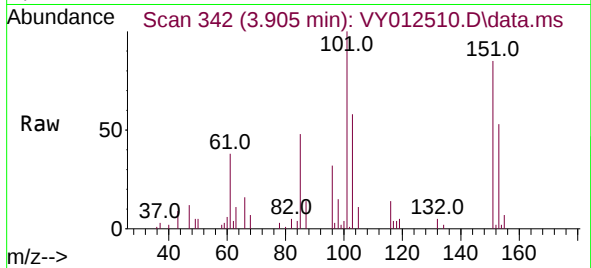




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.459 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

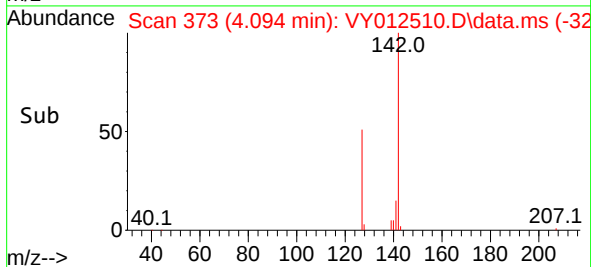
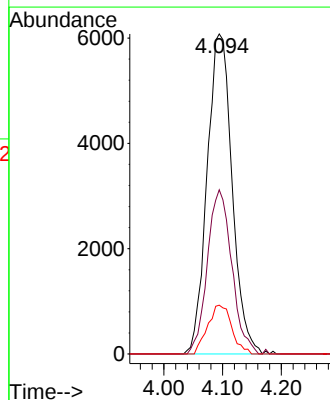
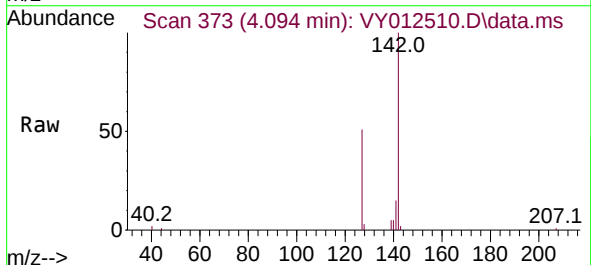
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

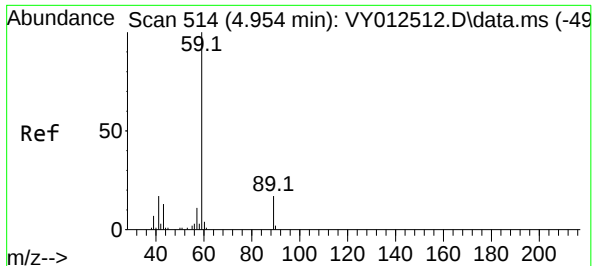
Tgt Ion:101 Resp: 14944
Ion Ratio Lower Upper
101 100
85 45.3 36.1 54.1
151 89.1 70.7 106.1



#10
Methyl Iodide
Concen: 9.725 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion:142 Resp: 18014
Ion Ratio Lower Upper
142 100
127 49.9 39.8 59.6
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 68.423 ug/l

RT: 4.942 min Scan# 514

Delta R.T. -0.012 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

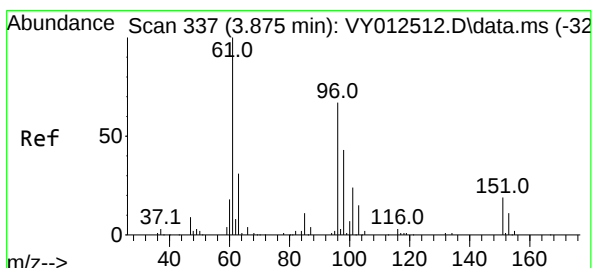
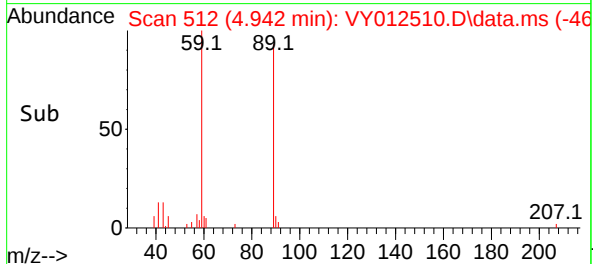
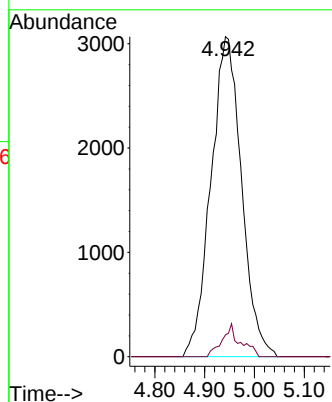
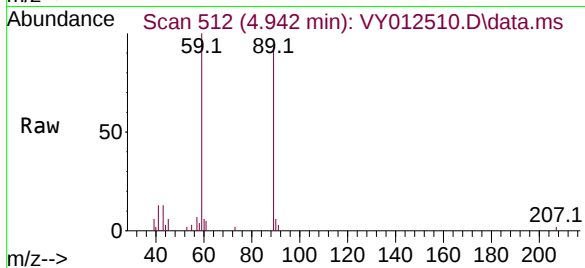
VSTDICC010

Tgt Ion: 59 Resp: 13060

Ion Ratio Lower Upper

59 100

57 6.0 7.2 10.8#



#12

1,1-Dichloroethene

Concen: 10.503 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

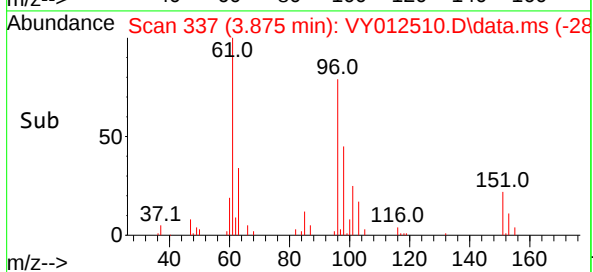
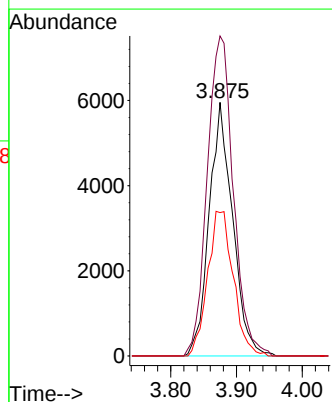
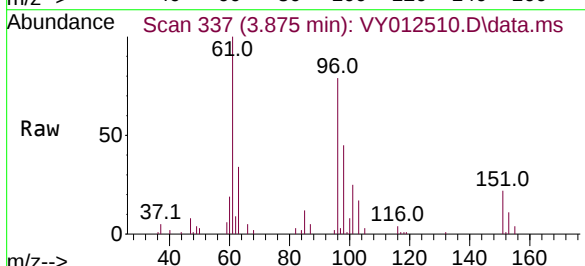
Tgt Ion: 96 Resp: 14829

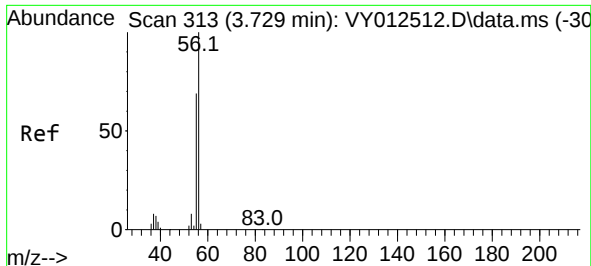
Ion Ratio Lower Upper

96 100

61 126.2 119.4 179.2

98 56.5 51.9 77.9





#13

Acrolein

Concen: 50.899 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

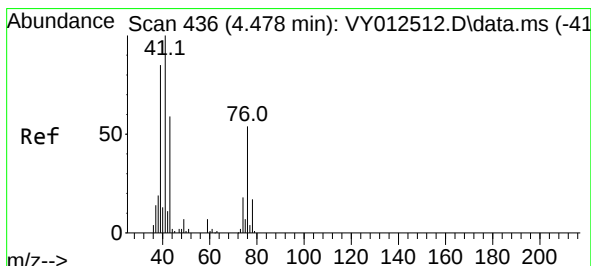
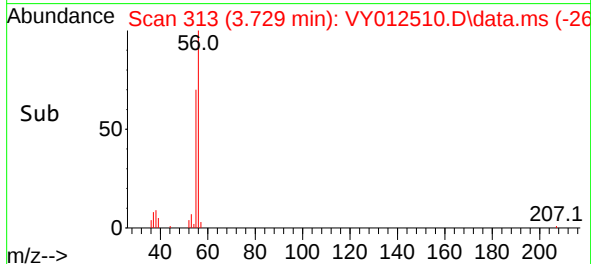
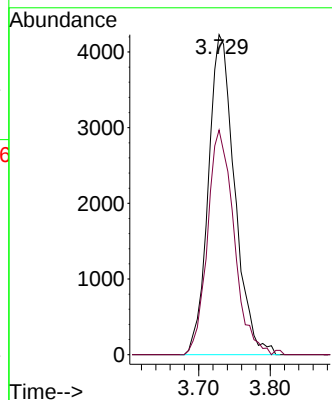
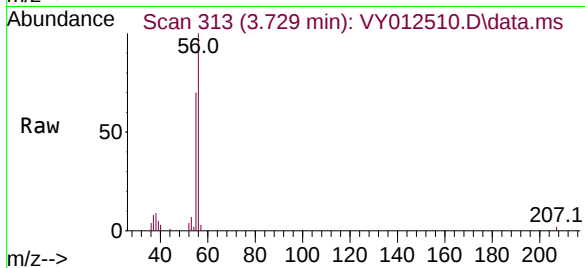
VSTDICC010

Tgt Ion: 56 Resp: 10791

Ion Ratio Lower Upper

56 100

55 70.6 57.0 85.4



#14

Allyl chloride

Concen: 9.968 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

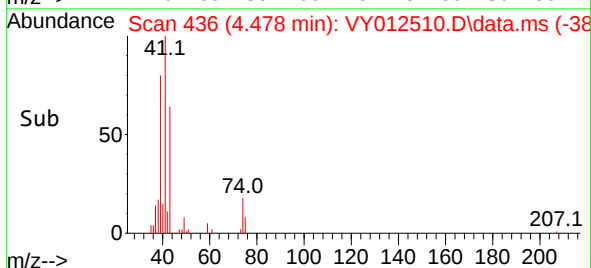
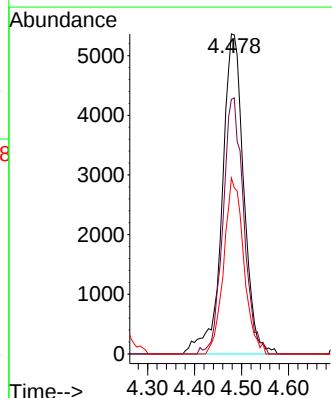
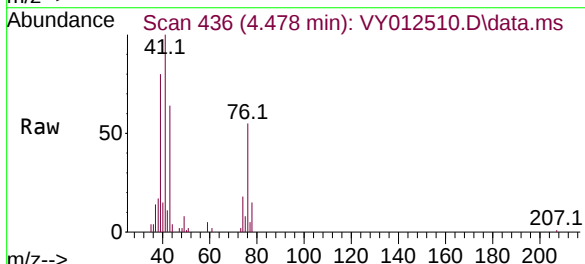
Tgt Ion: 41 Resp: 17159

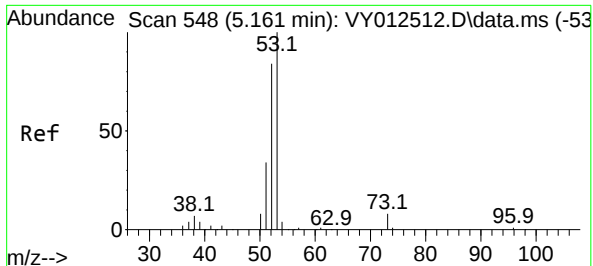
Ion Ratio Lower Upper

41 100

39 76.7 62.6 94.0

76 50.7 39.6 59.4

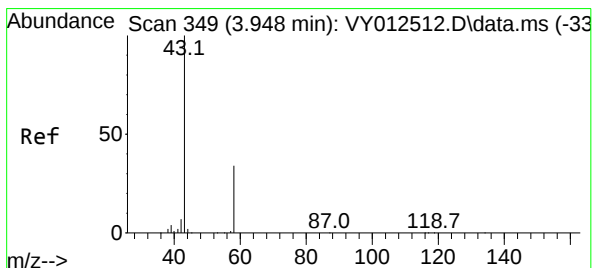
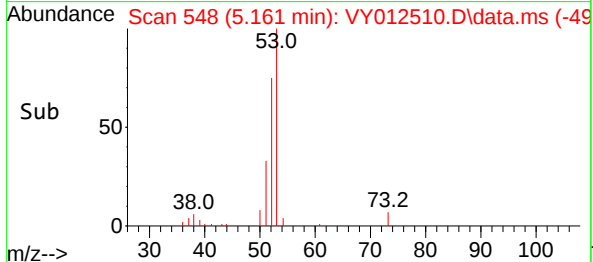
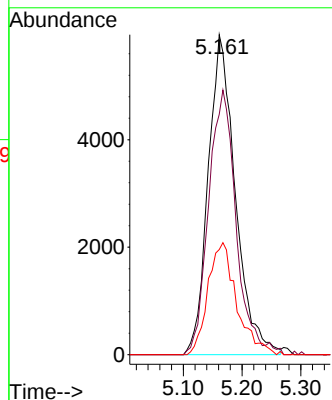
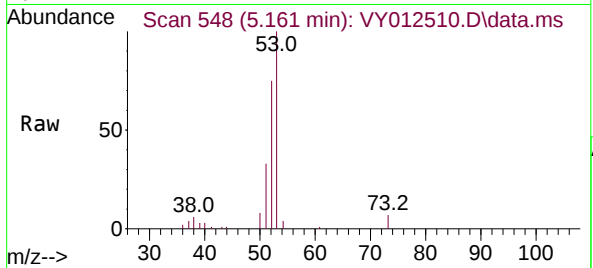




#15
Acrylonitrile
Concen: 49.378 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

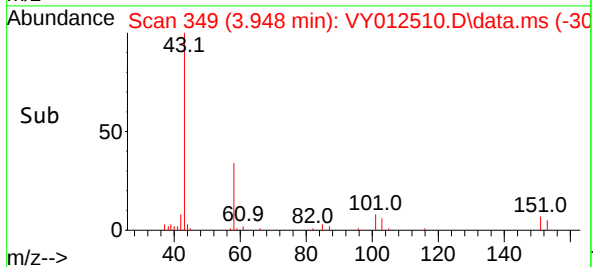
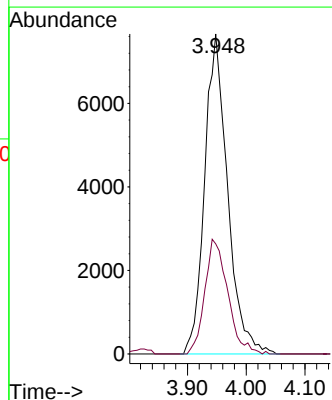
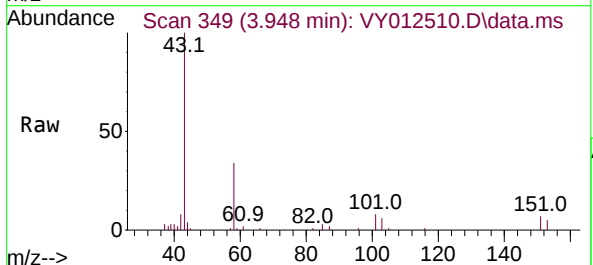
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

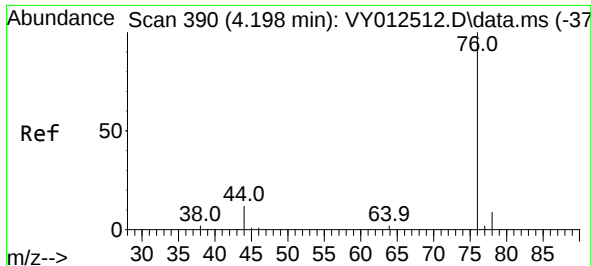
Tgt Ion: 53	Resp: 19114
Ion Ratio	Lower Upper
53	100
52	83.9 65.0 97.4
51	37.2 28.7 43.1



#16
Acetone
Concen: 47.925 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion: 43	Resp: 20802
Ion Ratio	Lower Upper
43	100
58	34.4 27.1 40.7

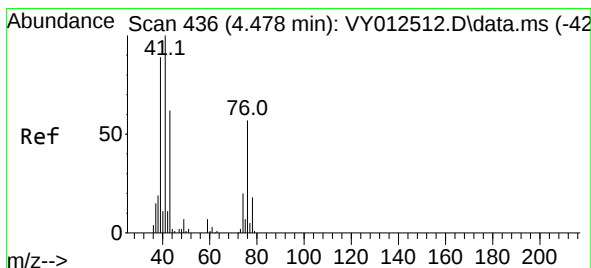
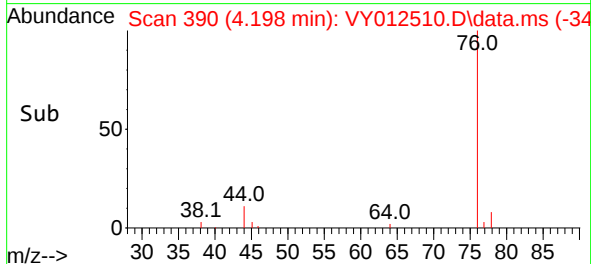
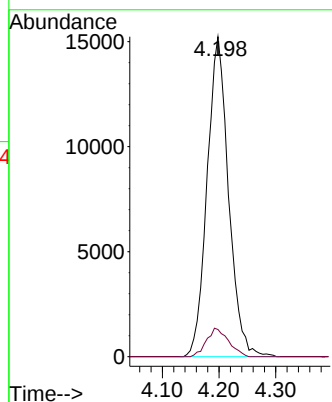
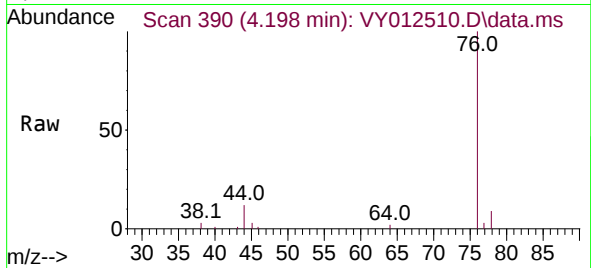




#17
Carbon Disulfide
Concen: 10.925 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

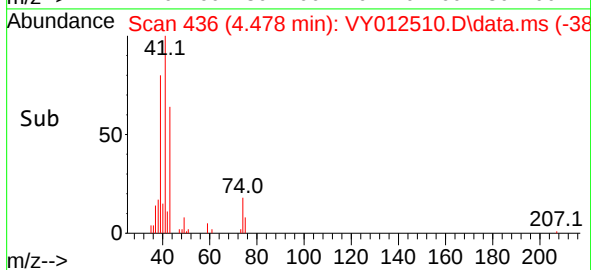
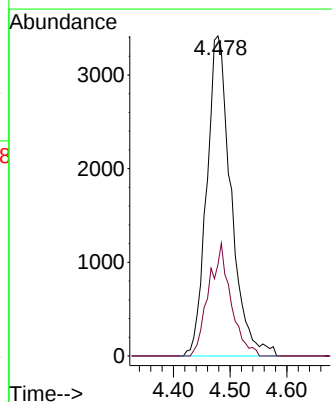
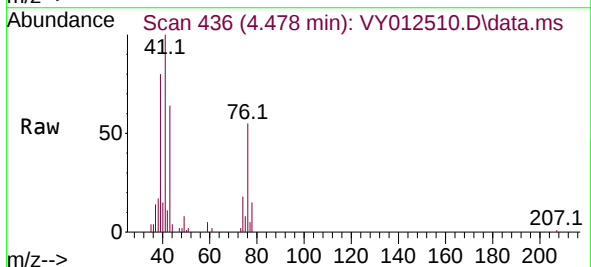
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

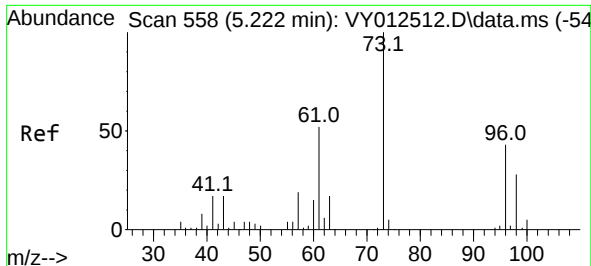
Tgt Ion: 76 Resp: 40006
Ion Ratio Lower Upper
76 100
78 8.5 6.9 10.3



#18
Methyl Acetate
Concen: 9.735 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion: 43 Resp: 10156
Ion Ratio Lower Upper
43 100
74 32.2 25.6 38.4





#19

Methyl tert-butyl Ether

Concen: 9.935 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

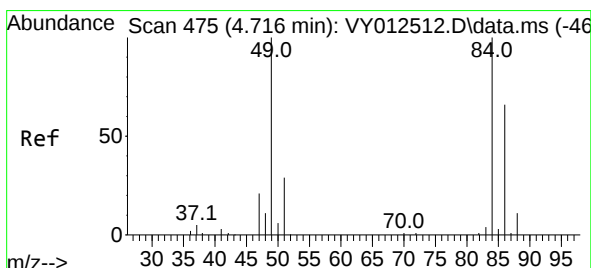
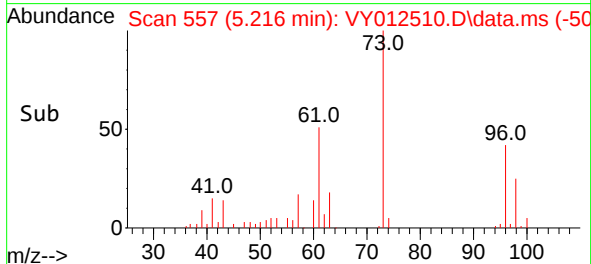
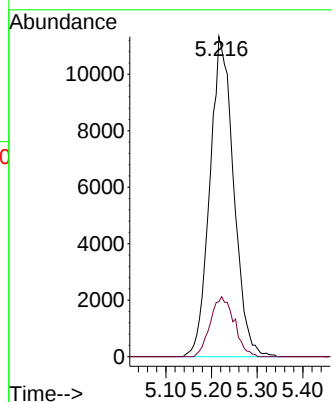
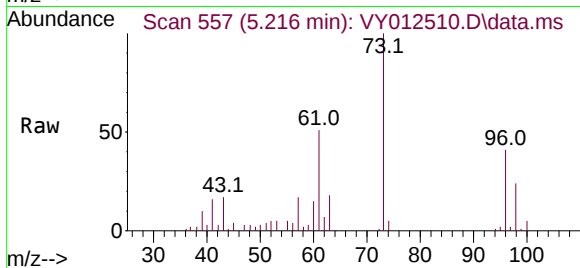
VSTDICC010

Tgt Ion: 73 Resp: 41046

Ion Ratio Lower Upper

73 100

57 17.2 15.3 22.9



#20

Methylene Chloride

Concen: 10.514 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Tgt Ion: 84 Resp: 22449

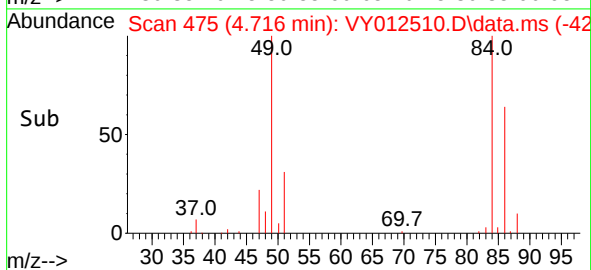
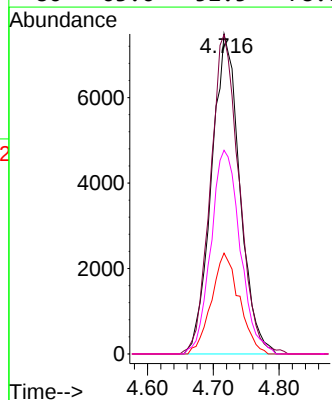
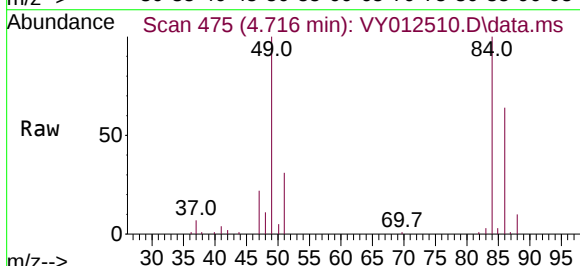
Ion Ratio Lower Upper

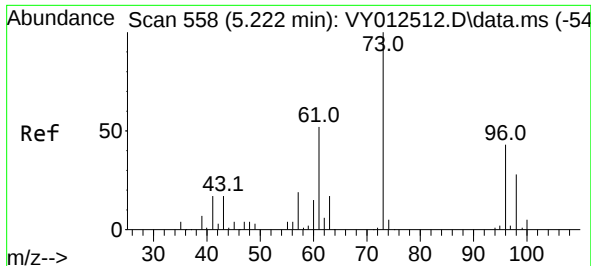
84 100

49 99.8 79.8 119.6

51 31.5 23.4 35.2

86 63.6 52.5 78.7

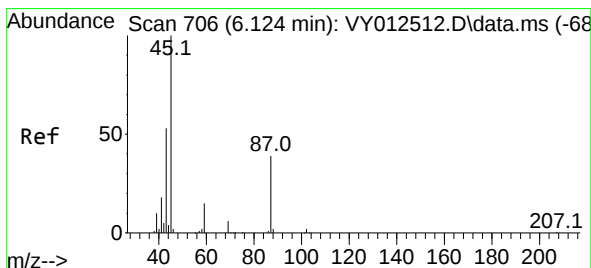
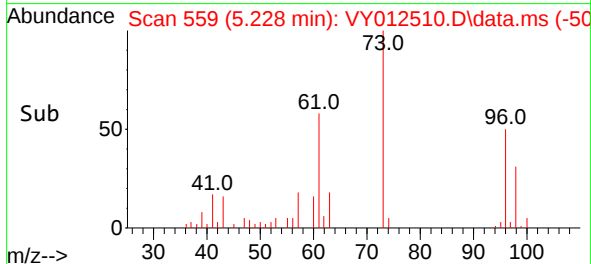
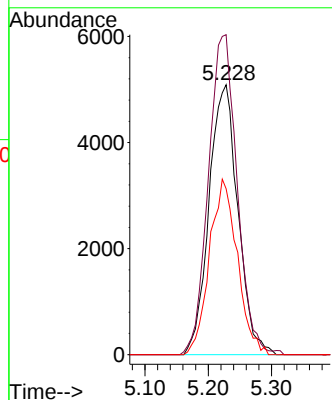
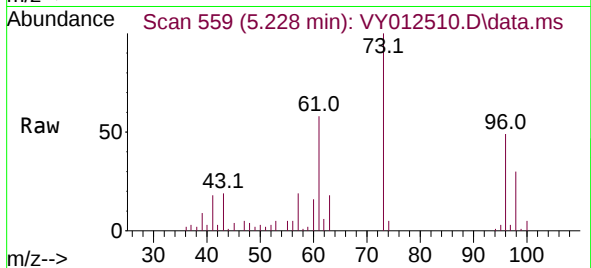




#21
trans-1,2-Dichloroethene
Concen: 10.505 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

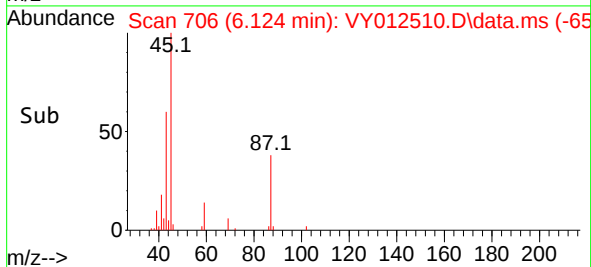
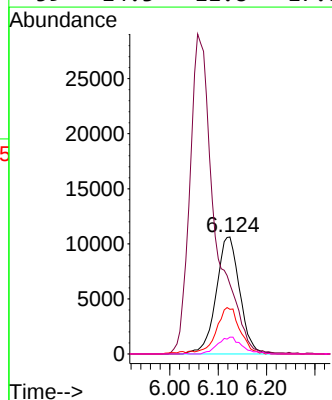
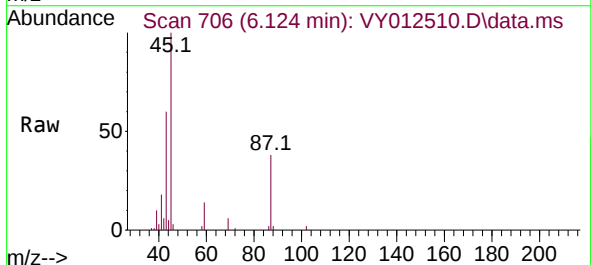
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

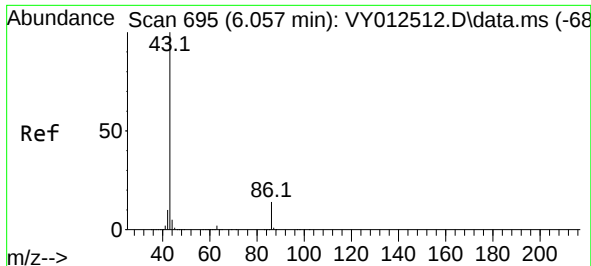
Tgt Ion: 96 Resp: 16175
Ion Ratio Lower Upper
96 100
61 118.5 96.2 144.4
98 61.4 51.6 77.4



#22
Diisopropyl ether
Concen: 10.256 ug/l
RT: 6.124 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion: 45 Resp: 35900
Ion Ratio Lower Upper
45 100
43 58.5 45.9 68.9
87 38.2 32.2 48.4
59 14.3 11.8 17.8

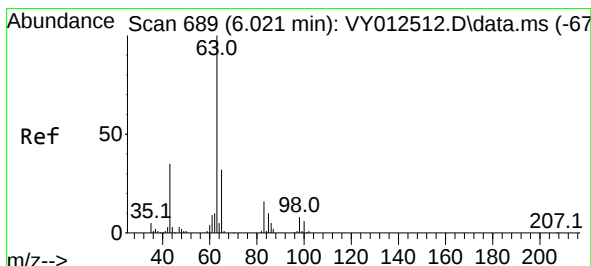
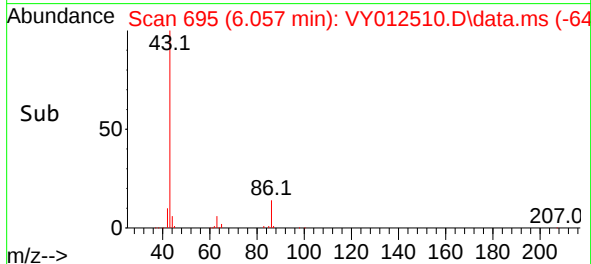
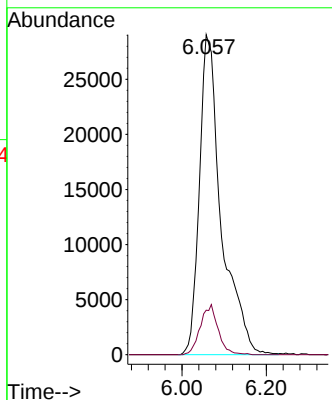
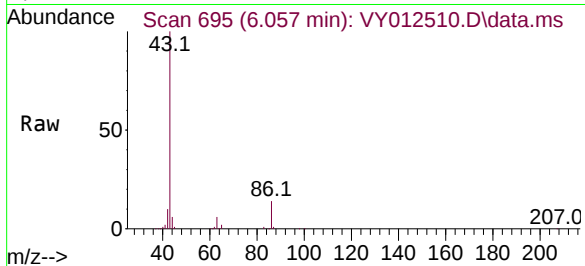




#23
 Vinyl Acetate
 Concen: 49.744 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY012510.D
 Acq: 07 Feb 2023 10:36

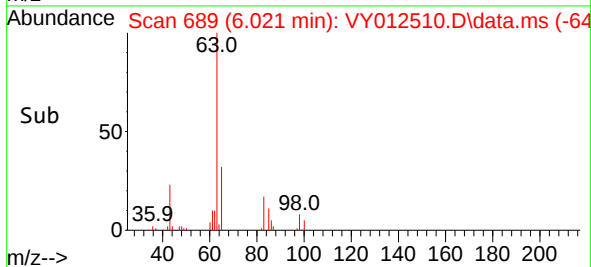
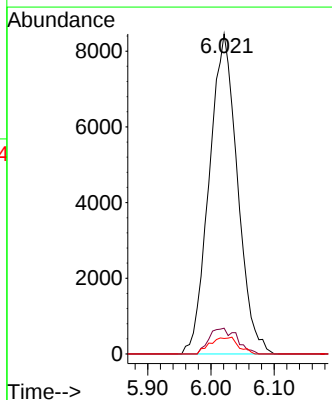
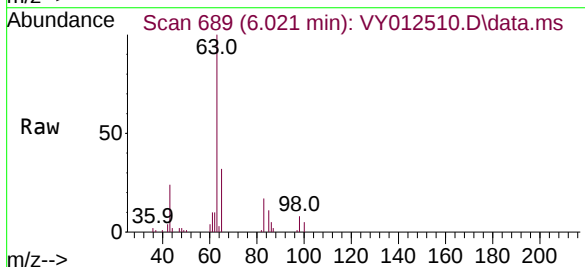
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

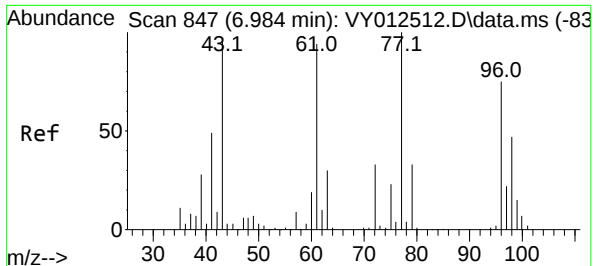
Tgt Ion: 43 Resp: 104966
 Ion Ratio Lower Upper
 43 100
 86 13.9 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 10.484 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY012510.D
 Acq: 07 Feb 2023 10:36

Tgt Ion: 63 Resp: 26233
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.1 12.3
 100 4.9 2.9 8.8





#25

2-Butanone

Concen: 49.075 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

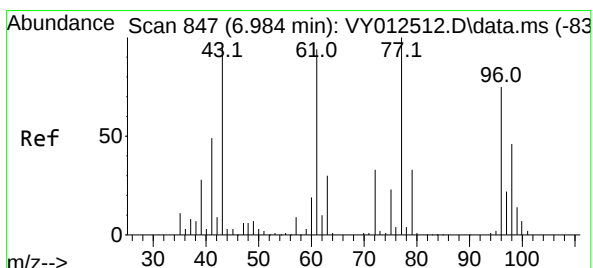
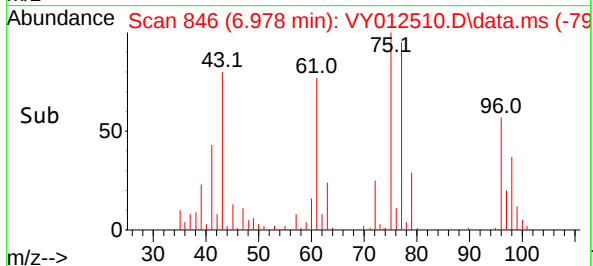
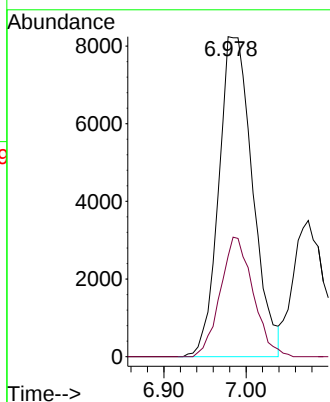
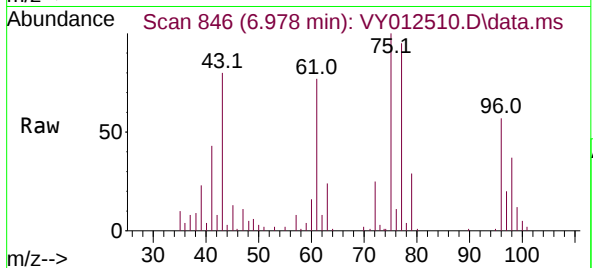
VSTDIC010

Tgt Ion: 43 Resp: 23634

Ion Ratio Lower Upper

43 100

72 31.4 27.4 41.2



#26

2,2-Dichloropropane

Concen: 10.423 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012510.D

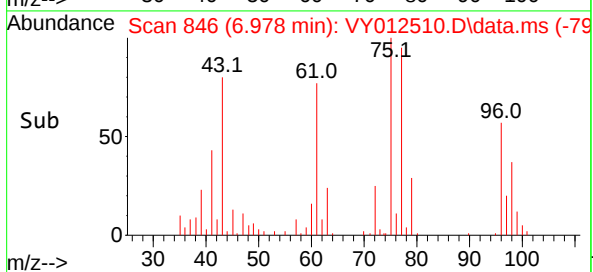
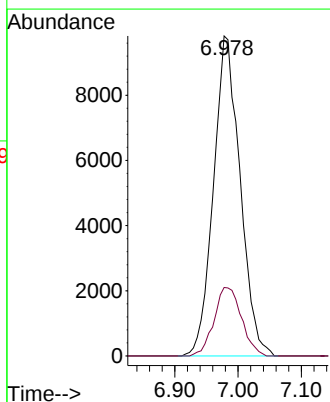
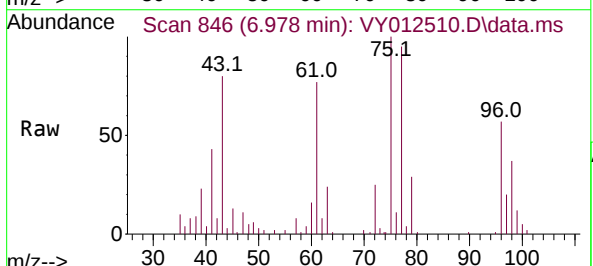
Acq: 07 Feb 2023 10:36

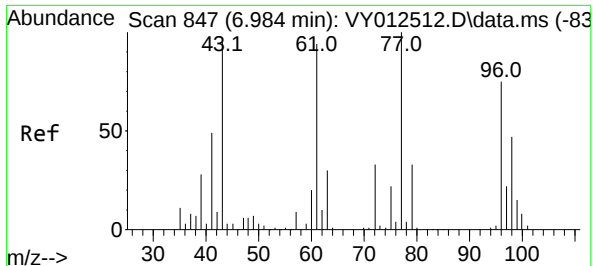
Tgt Ion: 77 Resp: 28656

Ion Ratio Lower Upper

77 100

97 22.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 10.177 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

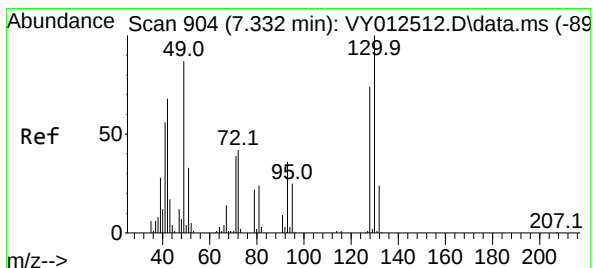
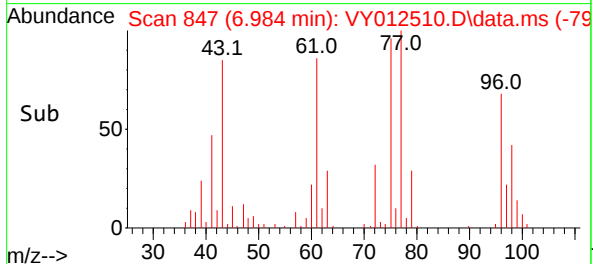
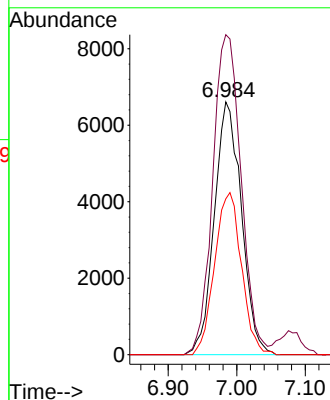
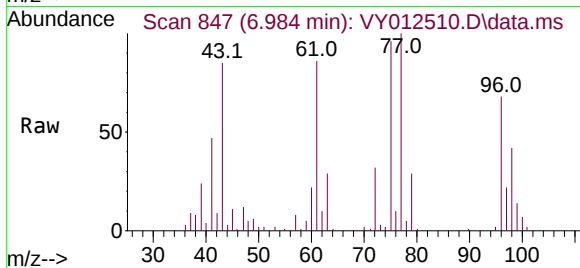
Tgt Ion: 96 Resp: 18185

Ion Ratio Lower Upper

96 100

61 132.1 0.0 259.2

98 63.5 0.0 129.0



#28

Bromochloromethane

Concen: 10.567 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

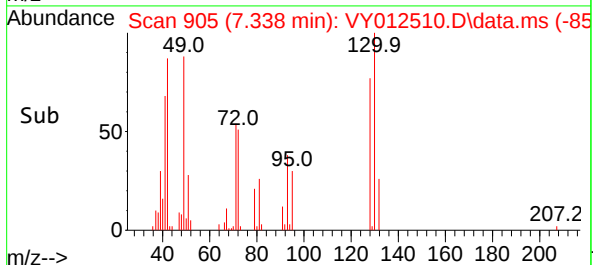
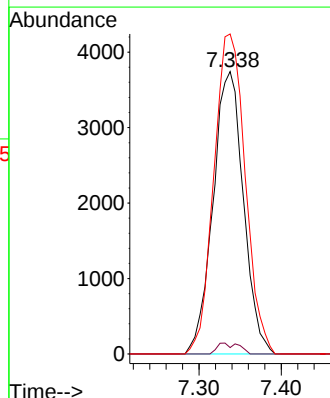
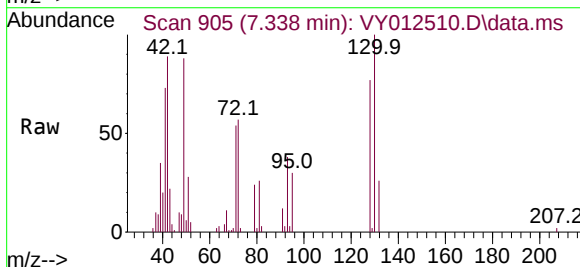
Tgt Ion: 49 Resp: 9611

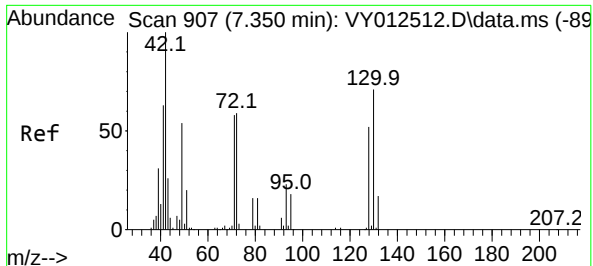
Ion Ratio Lower Upper

49 100

129 2.8 0.0 6.0

130 117.0 93.1 139.7





#29

Tetrahydrofuran

Concen: 49.736 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

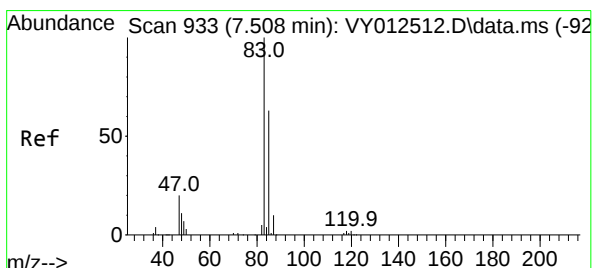
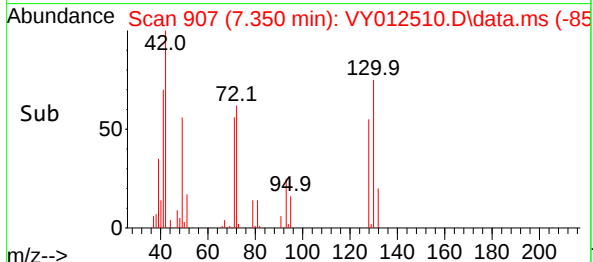
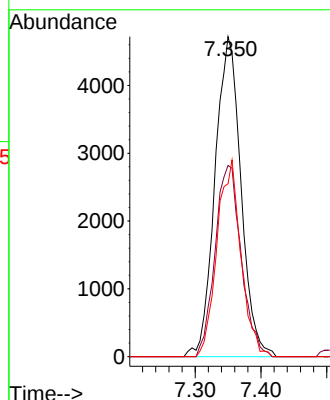
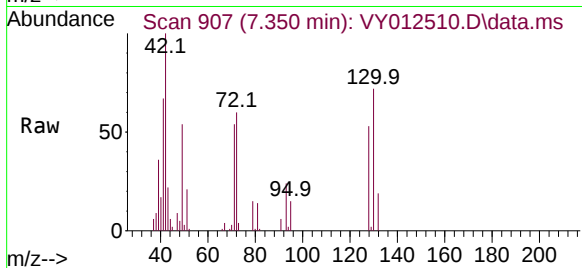
Tgt Ion: 42 Resp: 12949

Ion Ratio Lower Upper

42 100

72 60.2 47.0 70.6

71 56.6 44.6 66.8



#30

Chloroform

Concen: 10.494 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY012510.D

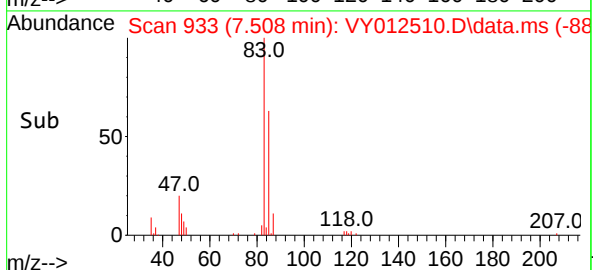
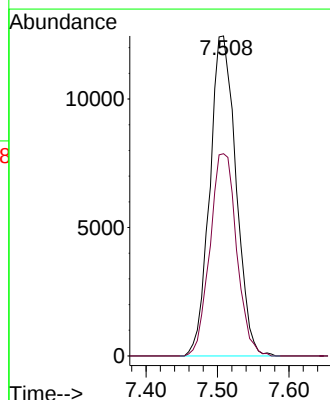
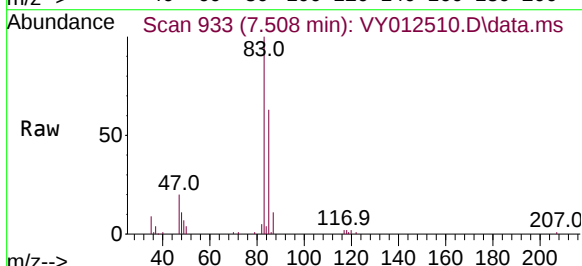
Acq: 07 Feb 2023 10:36

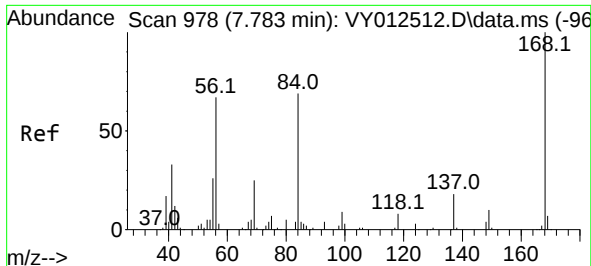
Tgt Ion: 83 Resp: 31658

Ion Ratio Lower Upper

83 100

85 63.2 50.8 76.2

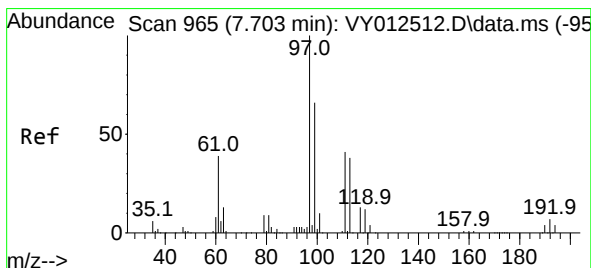
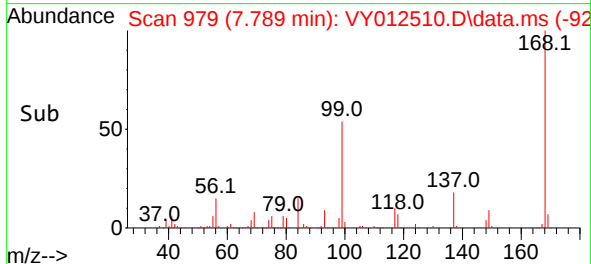
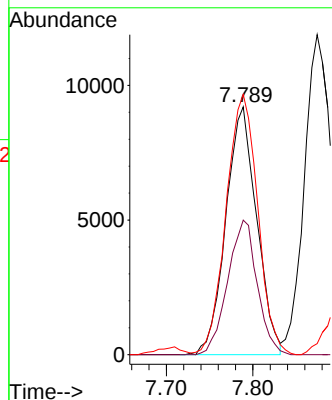
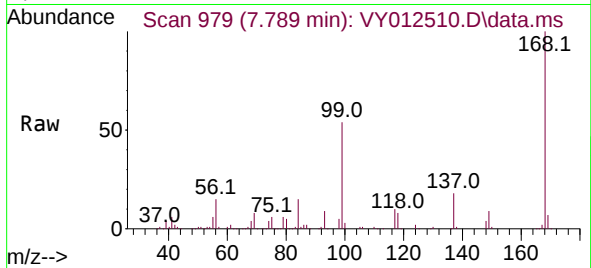




#31
Cyclohexane
Concen: 10.912 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

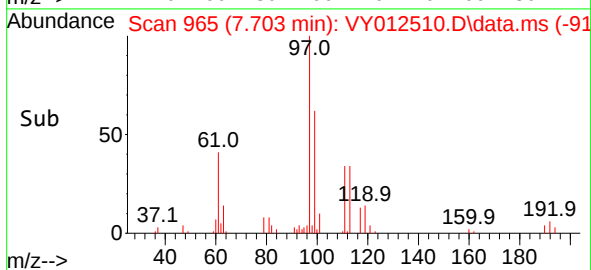
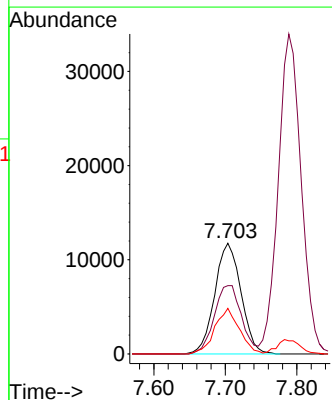
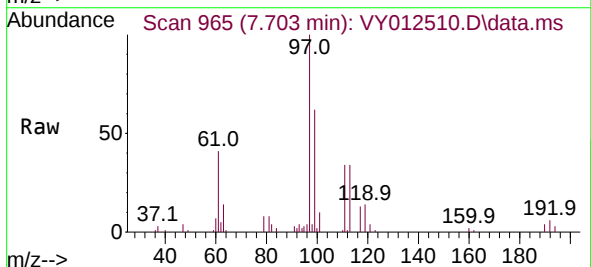
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

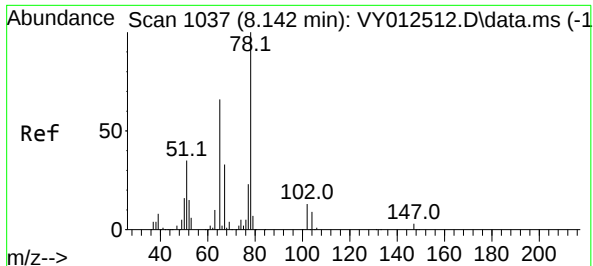
Tgt Ion: 56 Resp: 22753
Ion Ratio Lower Upper
56 100
69 54.3 29.5 44.3#
84 103.2 81.9 122.9



#32
1,1,1-Trichloroethane
Concen: 10.238 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion: 97 Resp: 29973
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 38.7 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 10.209 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

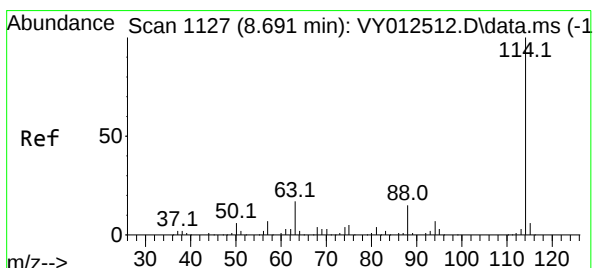
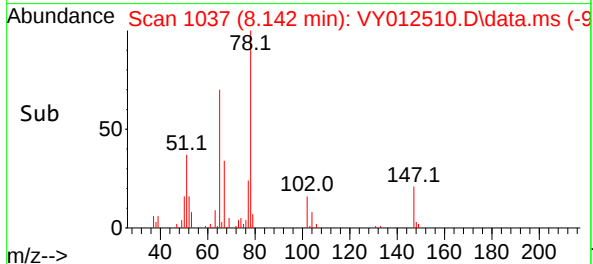
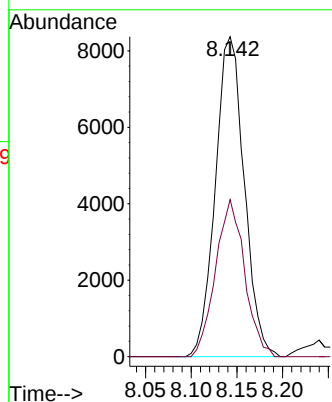
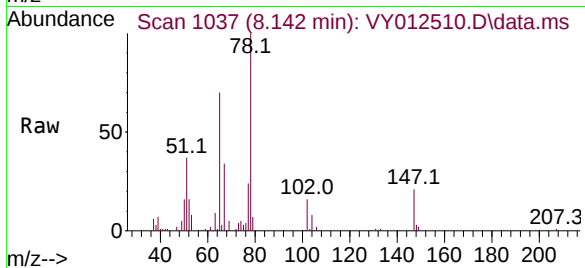
VSTDIC010

Tgt Ion: 65 Resp: 18411

Ion Ratio Lower Upper

65 100

67 49.3 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

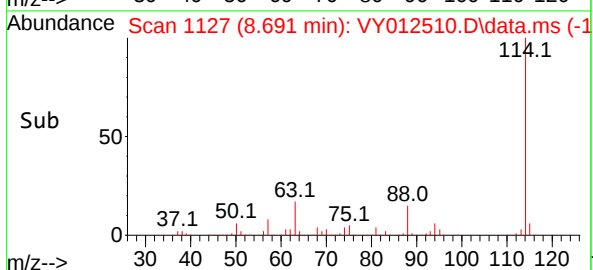
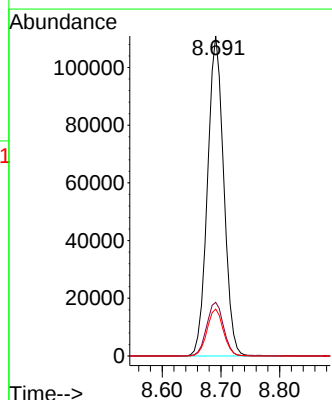
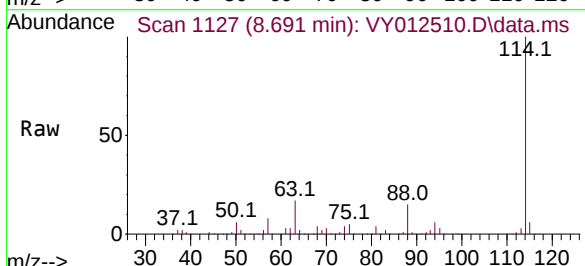
Tgt Ion: 114 Resp: 212444

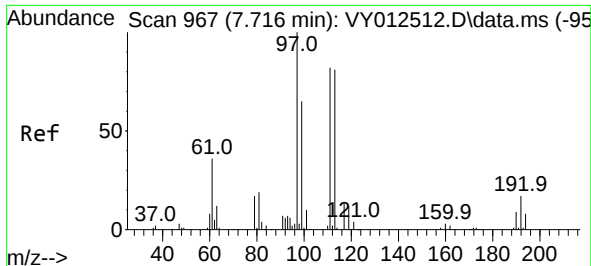
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.6

88 14.7 0.0 29.8

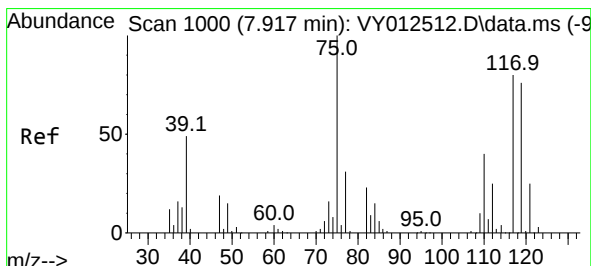
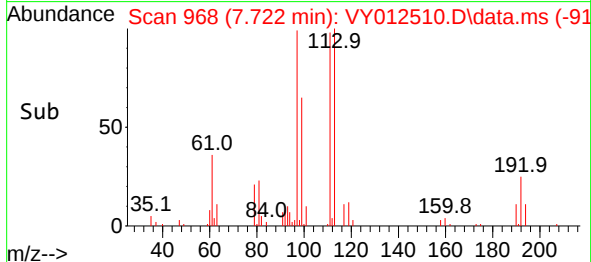
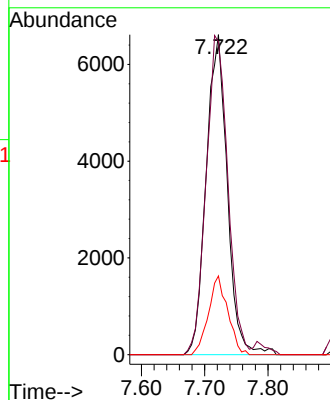
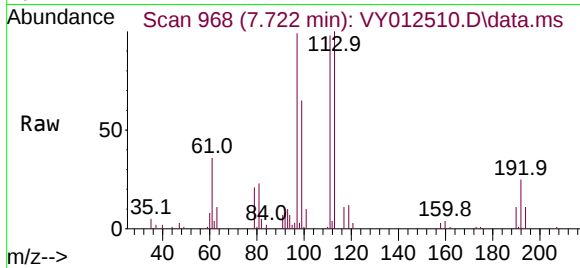




#35
Dibromofluoromethane
Concen: 9.924 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

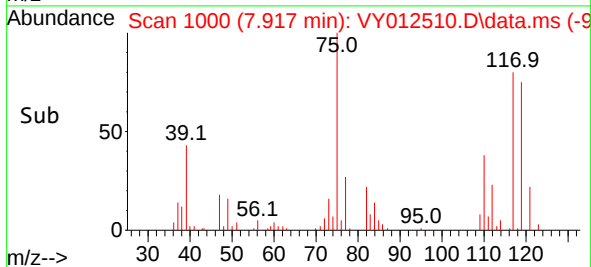
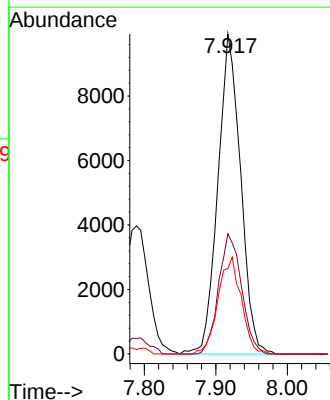
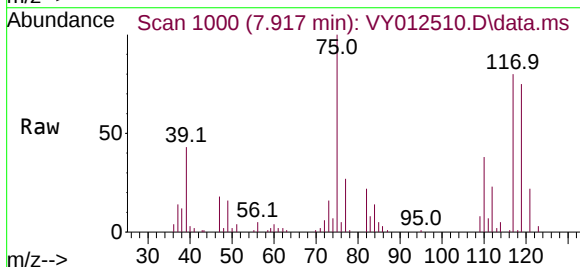
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

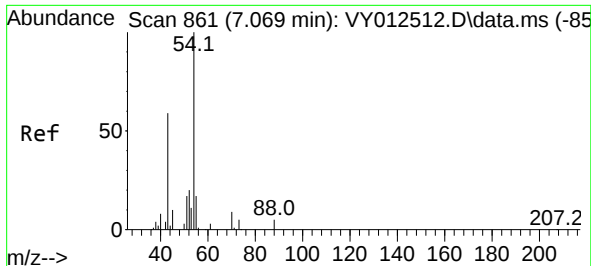
Tgt Ion:113 Resp: 15354
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 22.5 17.5 26.3



#36
1,1-Dichloropropene
Concen: 10.457 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion: 75 Resp: 21897
Ion Ratio Lower Upper
75 100
110 37.8 19.5 58.5
77 30.9 24.9 37.3

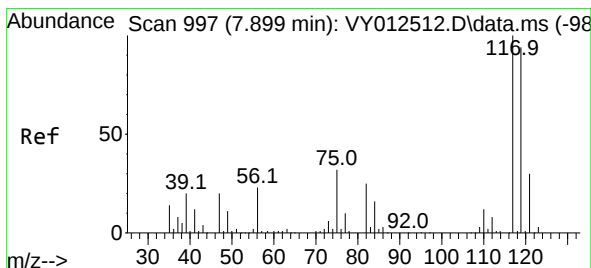
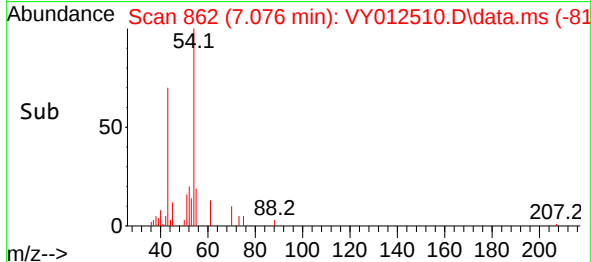
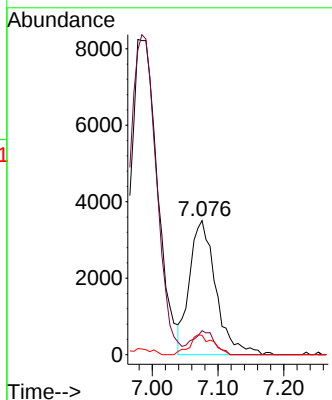
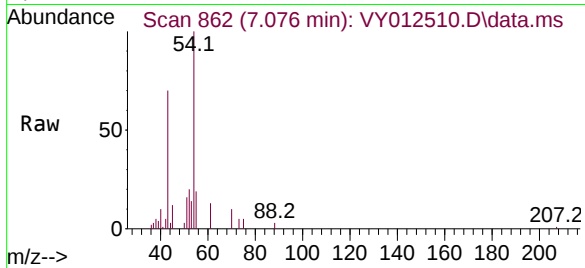




#37
Ethyl Acetate
Concen: 10.313 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

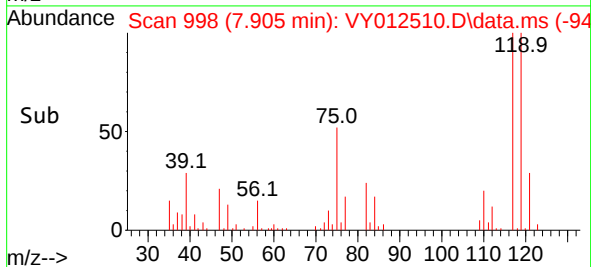
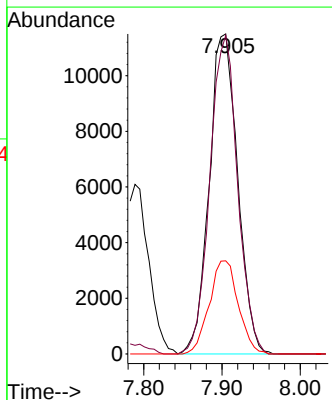
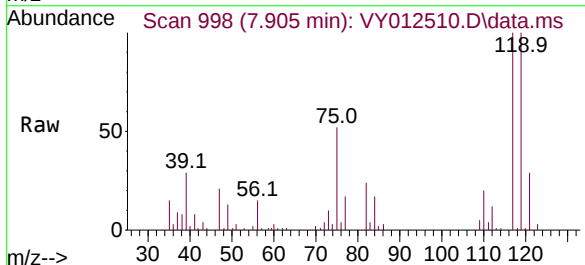
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

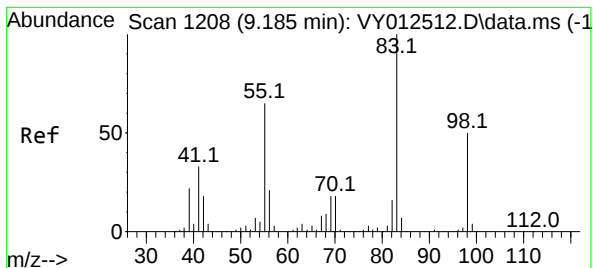
Tgt Ion:	43	Resp:	9744
Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.5	18.7
70	13.0	11.0	16.4



#38
Carbon Tetrachloride
Concen: 10.338 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion:	117	Resp:	29059
Ion	Ratio	Lower	Upper
117	100		
119	99.6	75.1	112.7
121	29.1	24.3	36.5





#39

Methylcyclohexane

Concen: 10.024 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

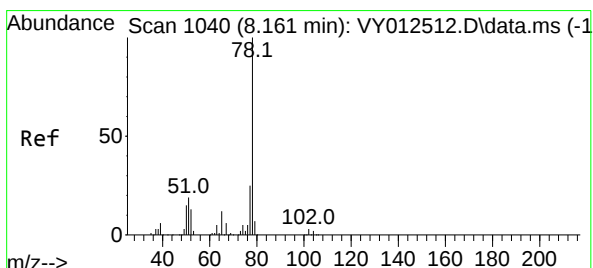
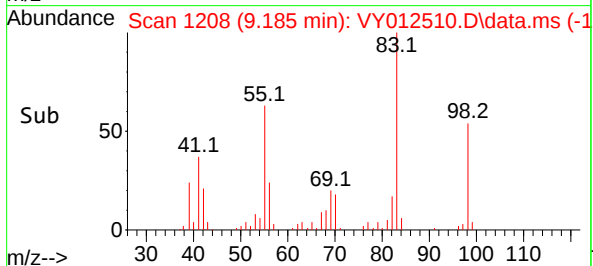
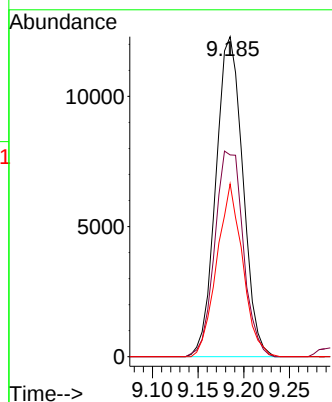
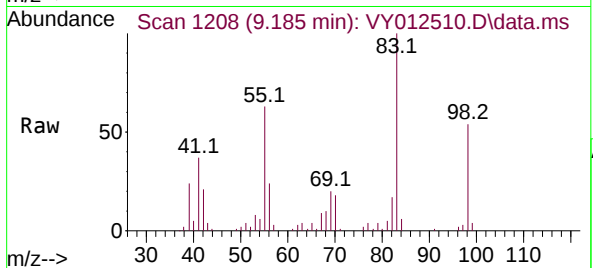
Tgt Ion: 83 Resp: 25257

Ion Ratio Lower Upper

83 100

55 63.1 52.0 78.0

98 54.0 40.4 60.6



#40

Benzene

Concen: 10.388 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012510.D

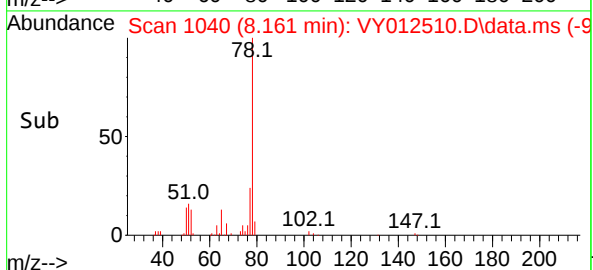
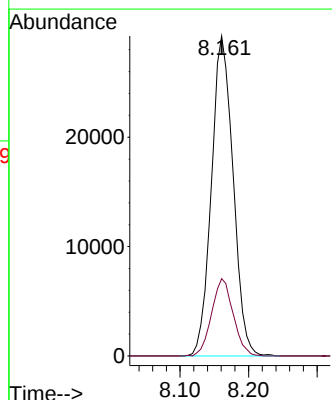
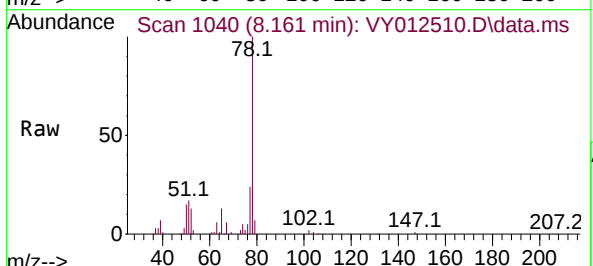
Acq: 07 Feb 2023 10:36

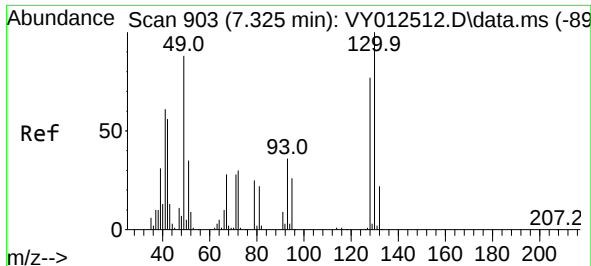
Tgt Ion: 78 Resp: 64248

Ion Ratio Lower Upper

78 100

77 24.1 19.9 29.9

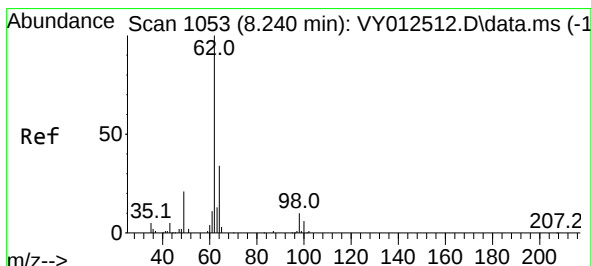
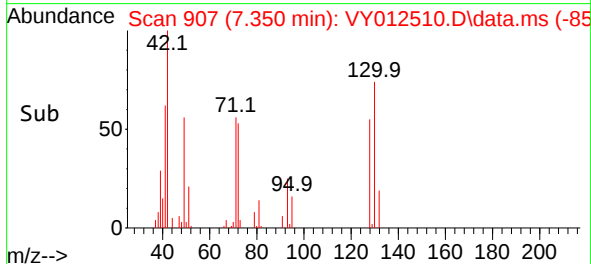
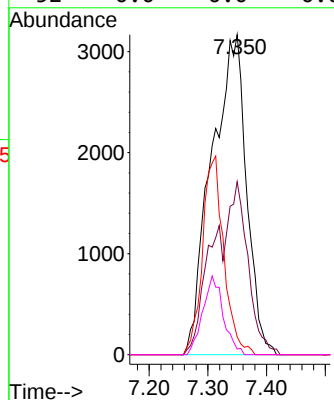
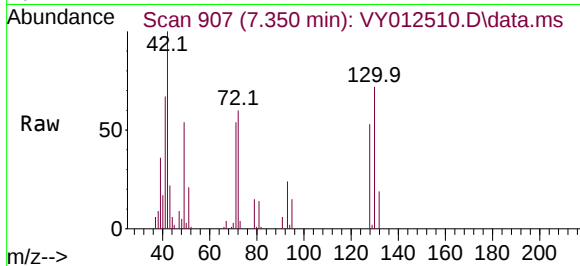




#41
Methacrylonitrile
Concen: 25.264 ug/l
RT: 7.350 min Scan# 903
Delta R.T. 0.024 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

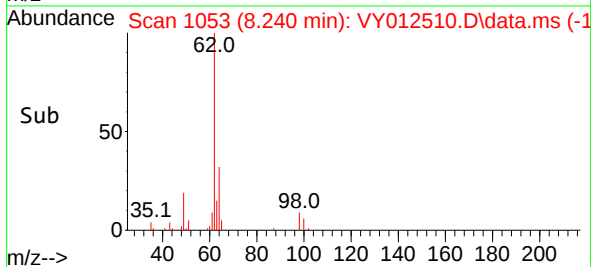
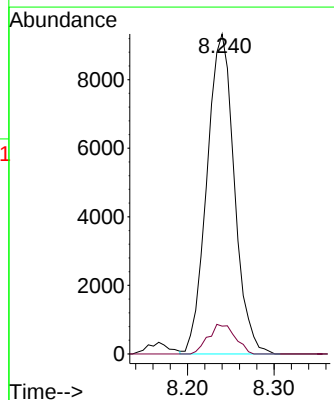
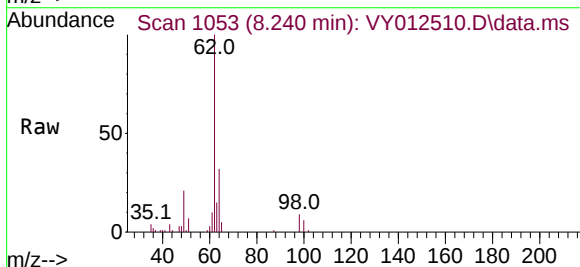
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

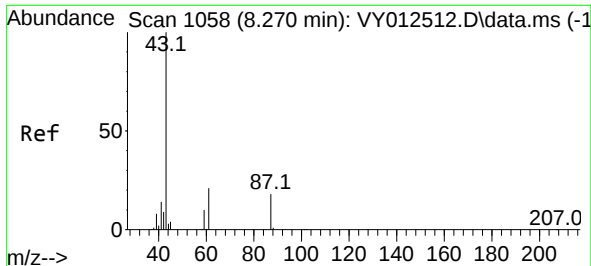
Tgt Ion: 41 Resp: 13075
Ion Ratio Lower Upper
41 100
39 31.4 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 10.246 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion: 62 Resp: 20539
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.2

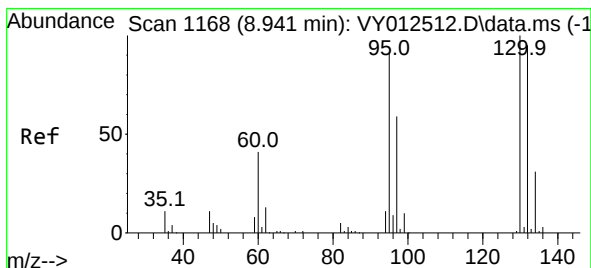
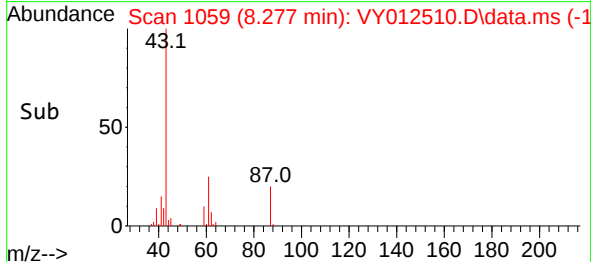
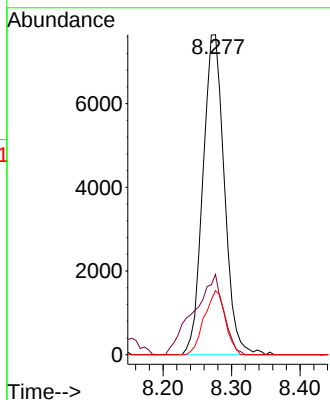
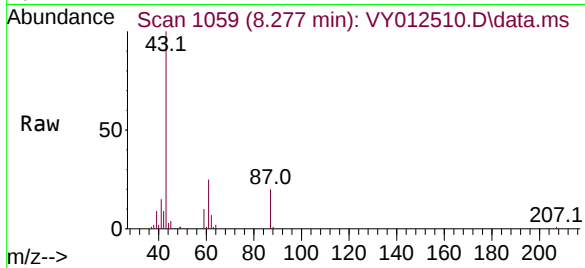




#43
Isopropyl Acetate
Concen: 9.502 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

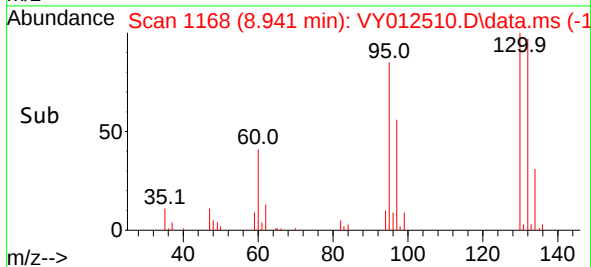
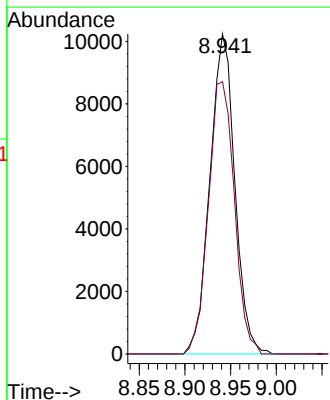
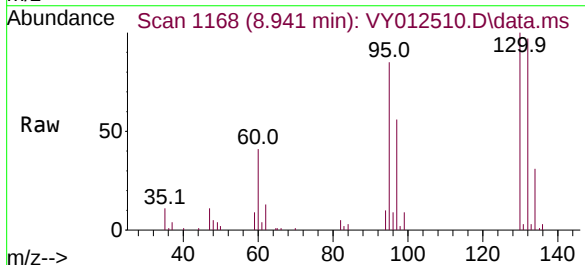
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

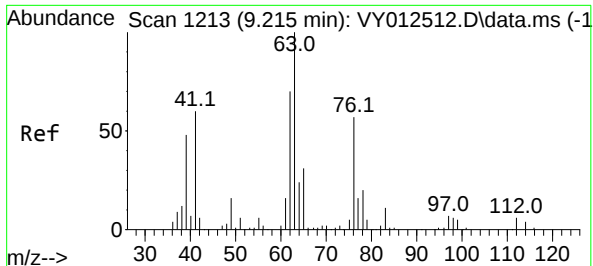
Tgt Ion:	43	Resp:	16646
Ion	Ratio	Lower	Upper
43	100		
61	34.7	27.2	40.8
87	19.6	15.0	22.4



#44
Trichloroethene
Concen: 10.287 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion:	130	Resp:	19366
Ion	Ratio	Lower	Upper
130	100		
95	85.0	0.0	181.2





#45

1,2-Dichloropropane

Concen: 10.264 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

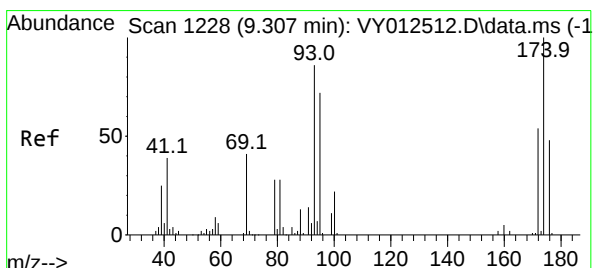
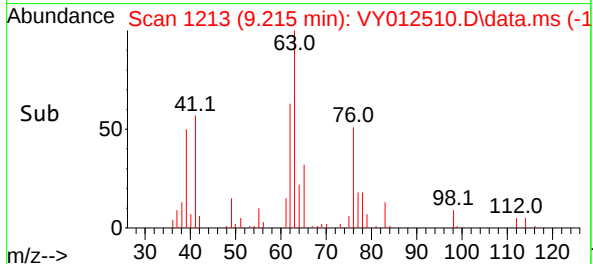
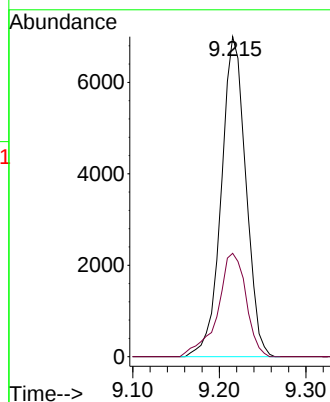
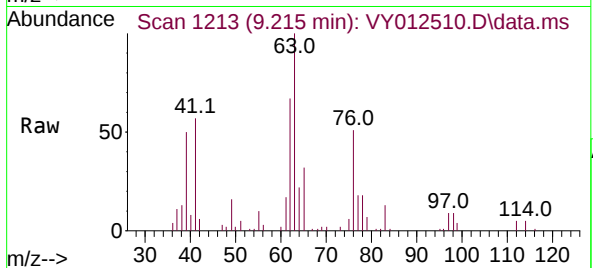
VSTDICC010

Tgt Ion: 63 Resp: 13764

Ion Ratio Lower Upper

63 100

65 32.3 24.6 37.0



#46

Dibromomethane

Concen: 10.256 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

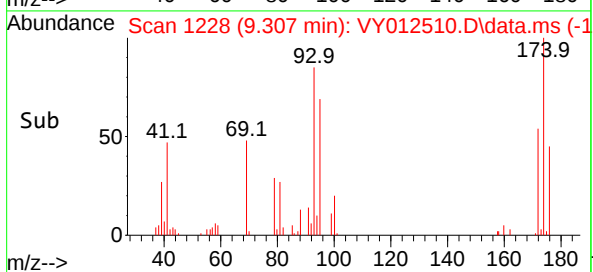
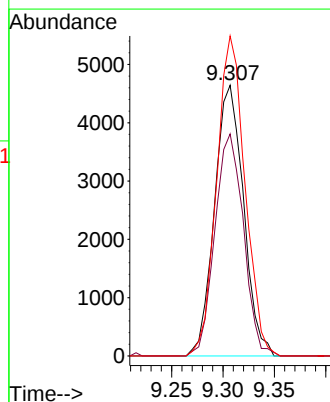
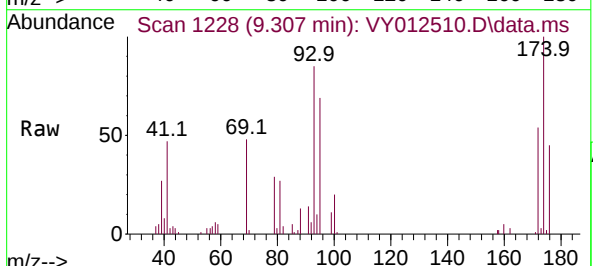
Tgt Ion: 93 Resp: 9107

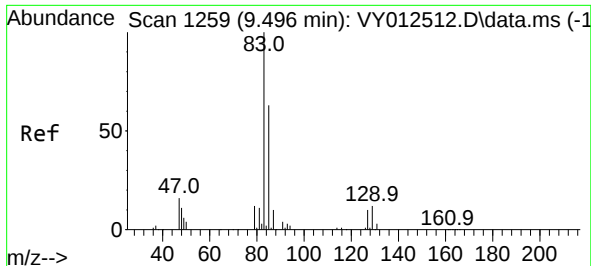
Ion Ratio Lower Upper

93 100

95 80.8 65.8 98.8

174 115.6 93.4 140.2

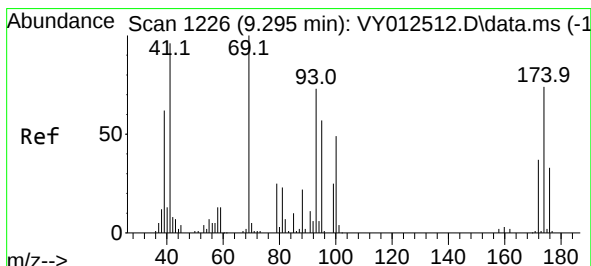
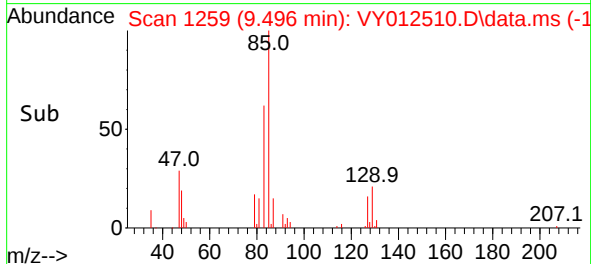
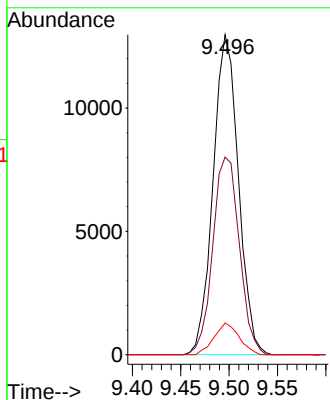
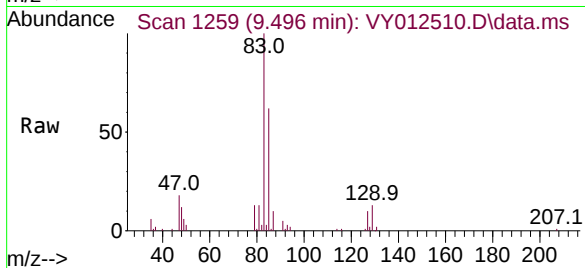




#47
Bromodichloromethane
Concen: 10.265 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

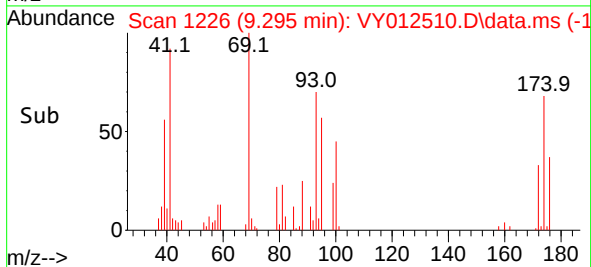
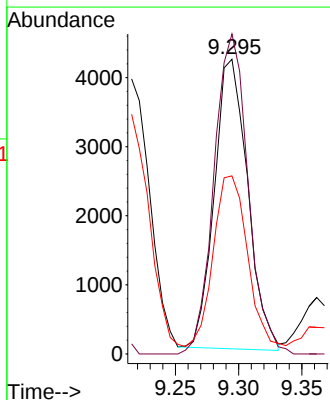
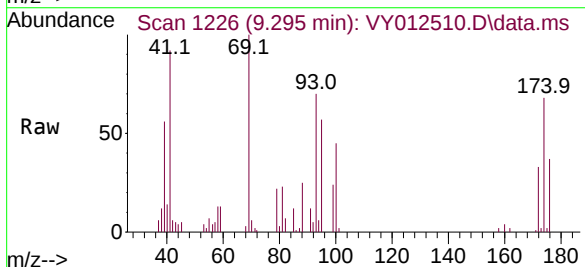
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

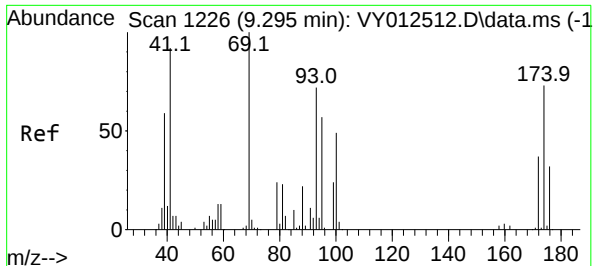
Tgt Ion: 83 Resp: 23633
Ion Ratio Lower Upper
83 100
85 61.7 50.7 76.1
127 9.9 8.1 12.1



#48
Methyl methacrylate
Concen: 9.574 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion: 41 Resp: 7666
Ion Ratio Lower Upper
41 100
69 112.9 85.4 128.2
39 61.7 52.7 79.1





#49

1,4-Dioxane

Concen: 202.402 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

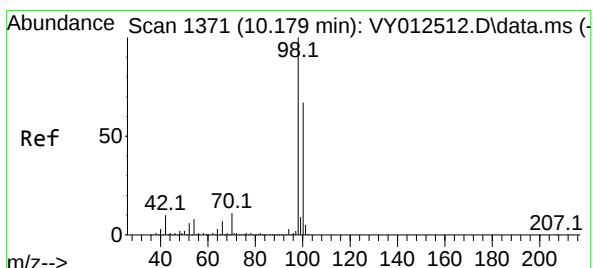
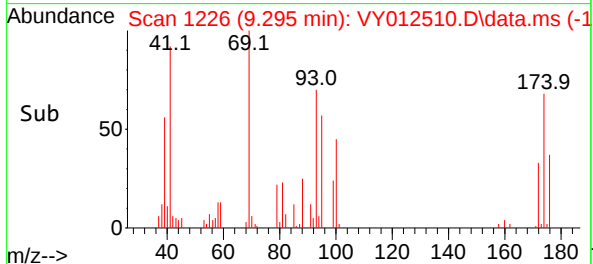
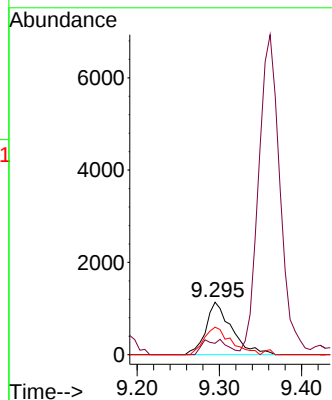
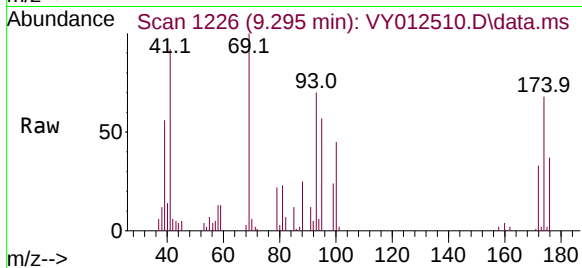
Tgt Ion: 88 Resp: 2481

Ion Ratio Lower Upper

88 100

43 27.7 22.6 33.8

58 54.4 45.4 68.0



#50

Toluene-d8

Concen: 10.187 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012510.D

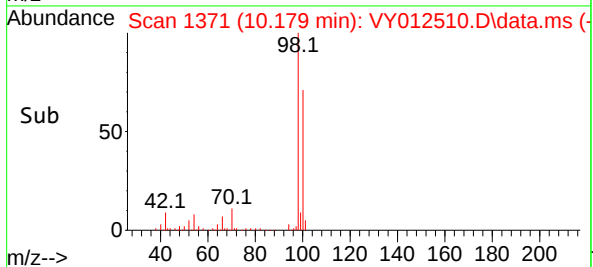
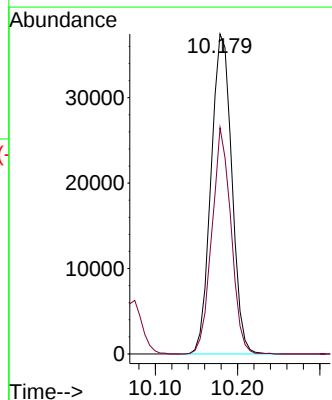
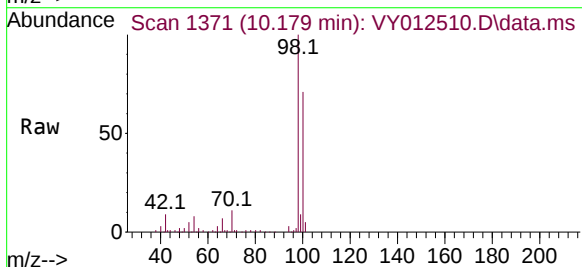
Acq: 07 Feb 2023 10:36

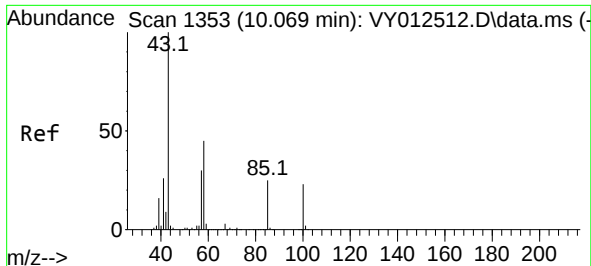
Tgt Ion: 98 Resp: 65598

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2

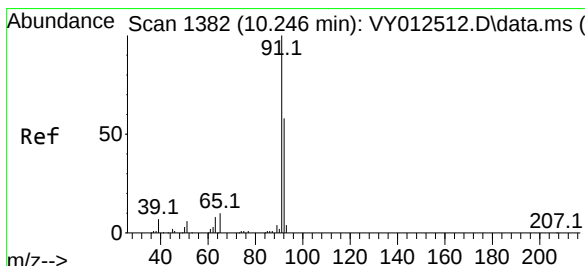
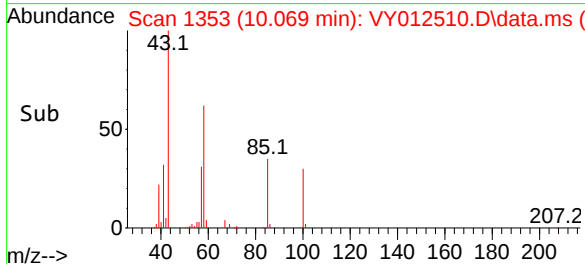
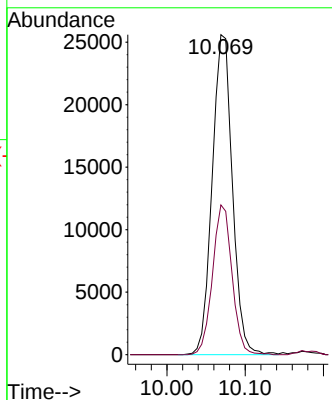
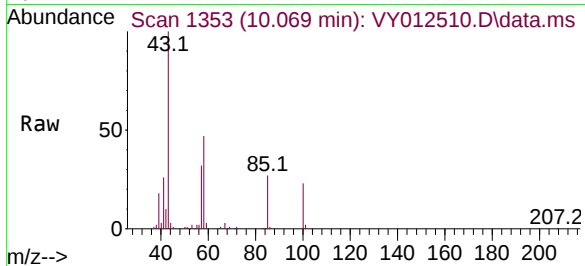




#51
4-Methyl-2-Pentanone
Concen: 48.583 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

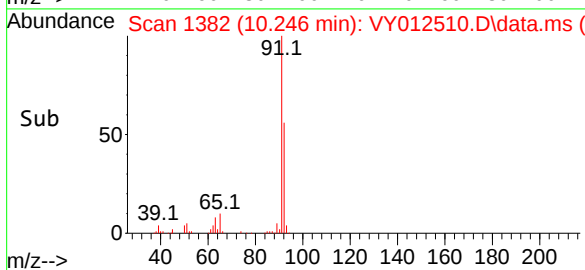
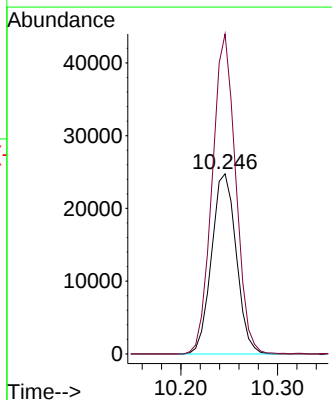
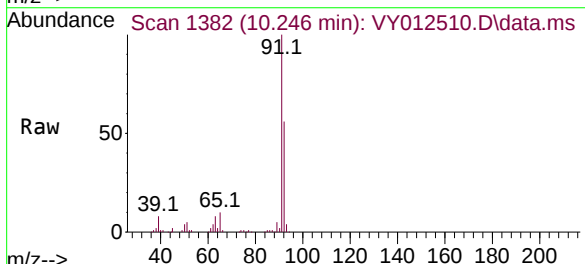
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

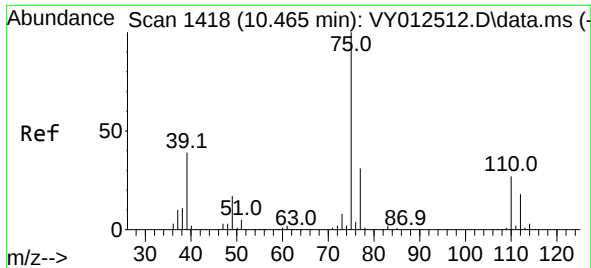
Tgt Ion: 43 Resp: 45918
Ion Ratio Lower Upper
43 100
58 45.2 36.2 54.2



#52
Toluene
Concen: 10.451 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion: 92 Resp: 43829
Ion Ratio Lower Upper
92 100
91 169.3 137.2 205.8

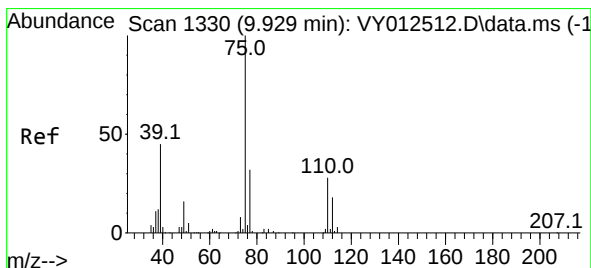
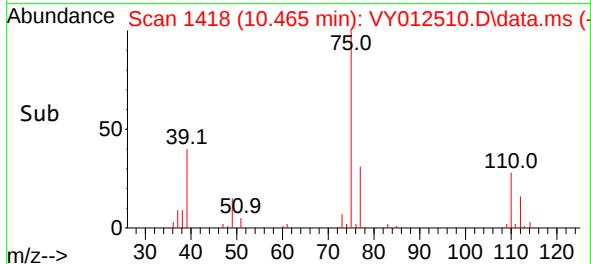
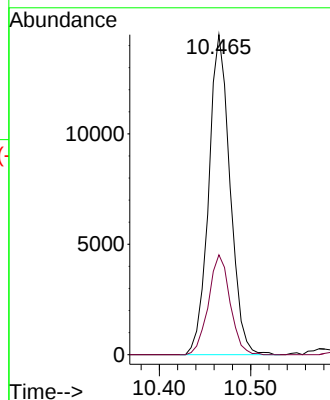
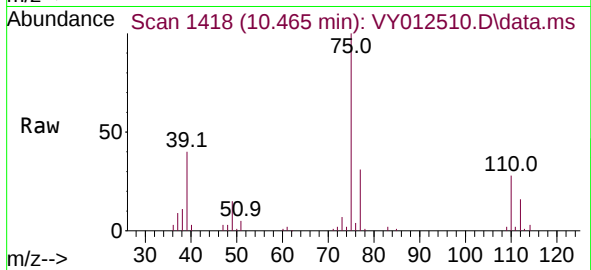




#53
t-1,3-Dichloropropene
Concen: 10.116 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

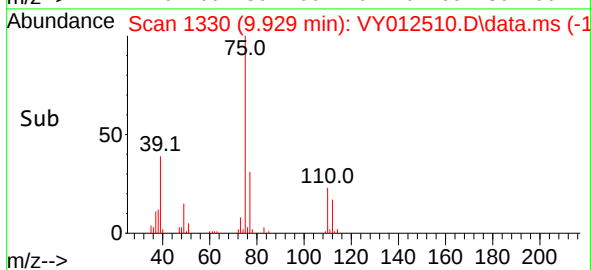
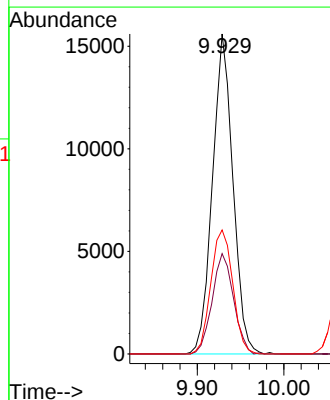
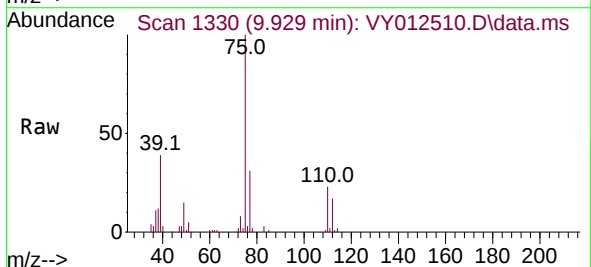
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

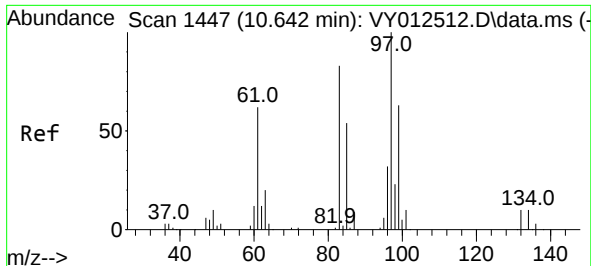
Tgt Ion: 75 Resp: 23470
Ion Ratio Lower Upper
75 100
77 31.2 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 10.198 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion: 75 Resp: 25603
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5
39 38.7 36.0 54.0

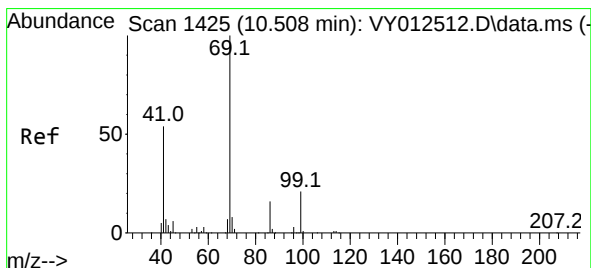
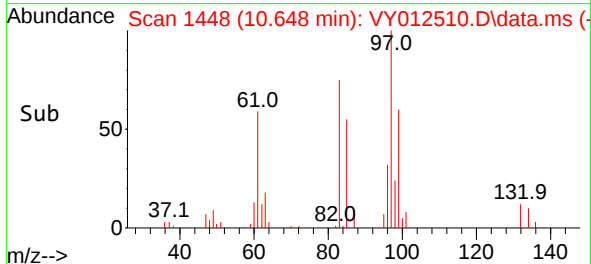
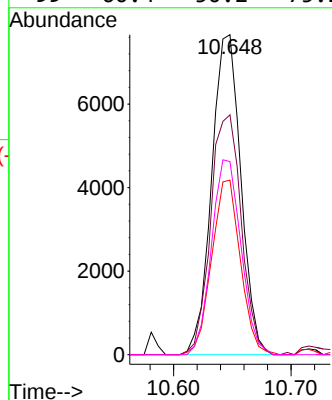
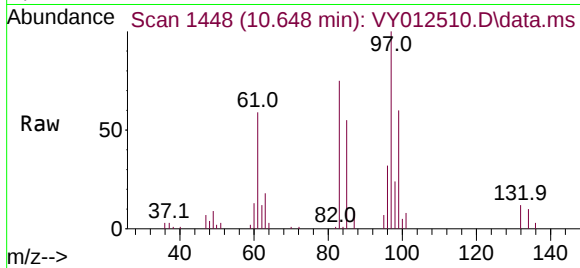




#55
1,1,2-Trichloroethane
Concen: 10.215 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

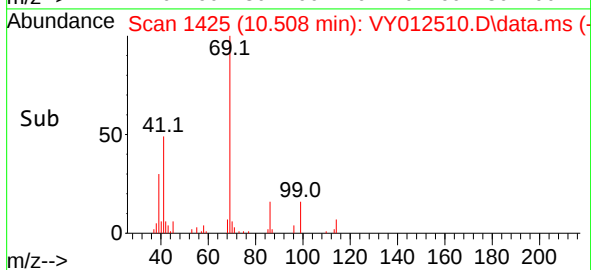
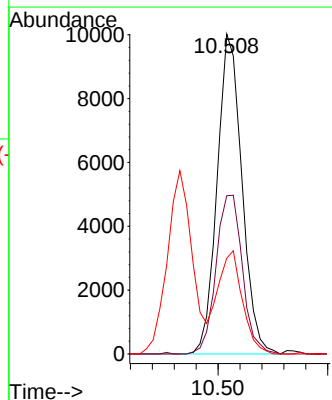
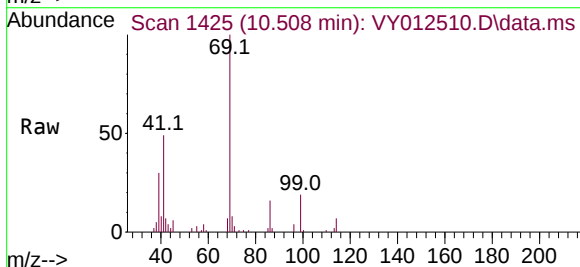
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

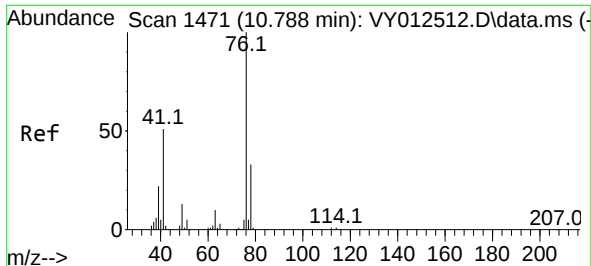
Tgt Ion: 97	Resp: 13254
Ion Ratio	Lower Upper
97 100	
83 75.0	66.0 99.0
85 54.5	43.1 64.7
99 60.4	50.2 75.2



#56
Ethyl methacrylate
Concen: 9.661 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion: 69	Resp: 15748
Ion Ratio	Lower Upper
69 100	
41 52.8	43.4 65.2
39 32.3	26.5 39.7





#57

1,3-Dichloropropane

Concen: 10.314 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

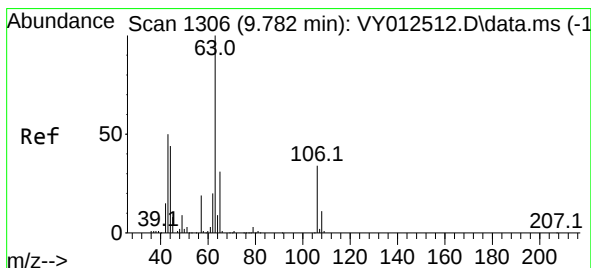
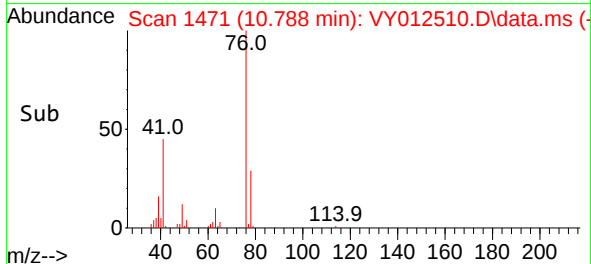
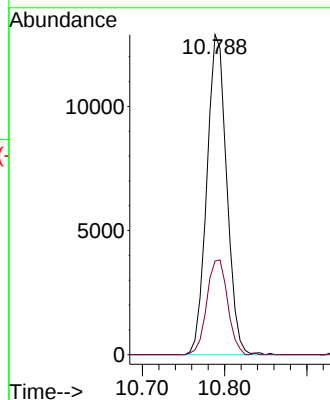
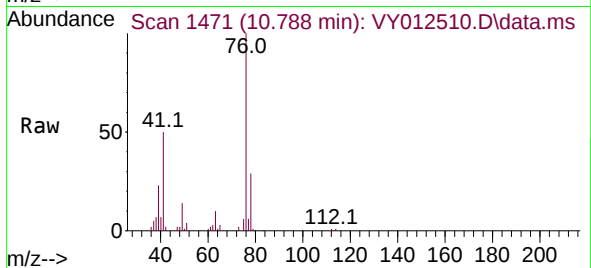
VSTDICC010

Tgt Ion: 76 Resp: 21597

Ion Ratio Lower Upper

76 100

78 31.0 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 51.686 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012510.D

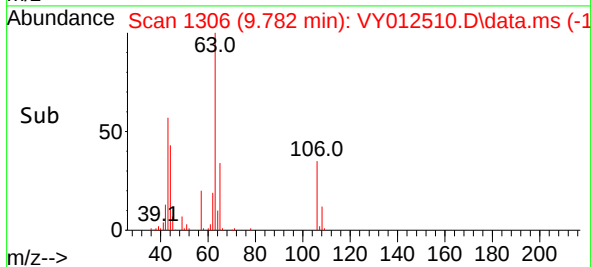
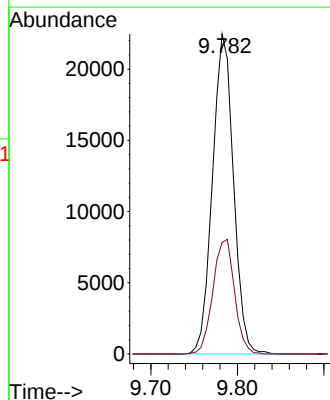
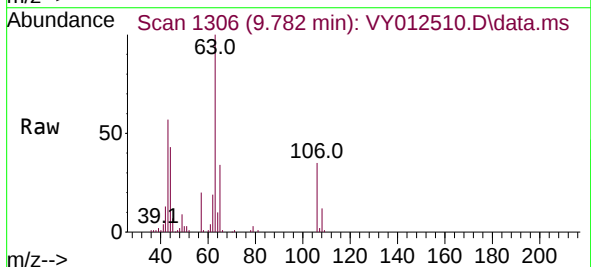
Acq: 07 Feb 2023 10:36

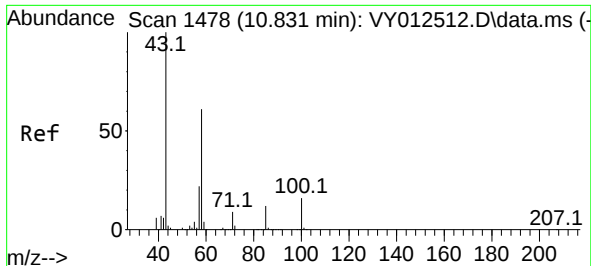
Tgt Ion: 63 Resp: 37870

Ion Ratio Lower Upper

63 100

106 36.8 28.0 42.0

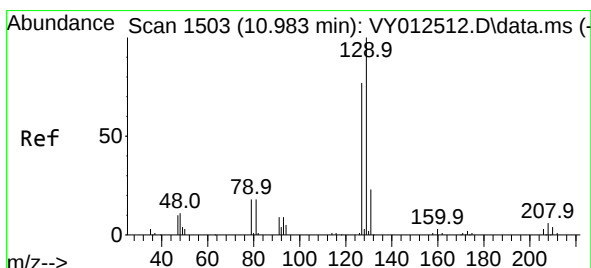
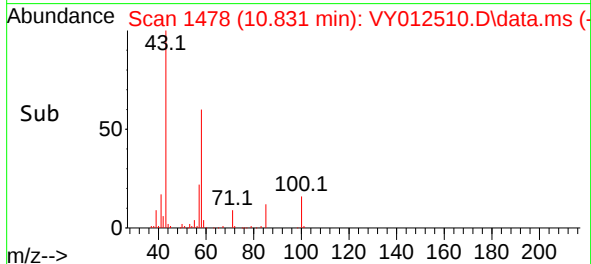
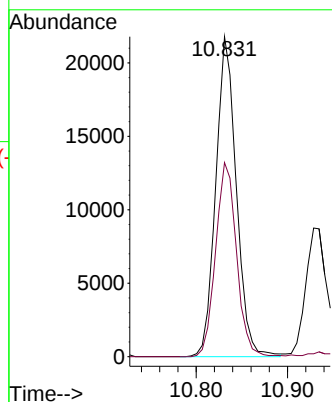
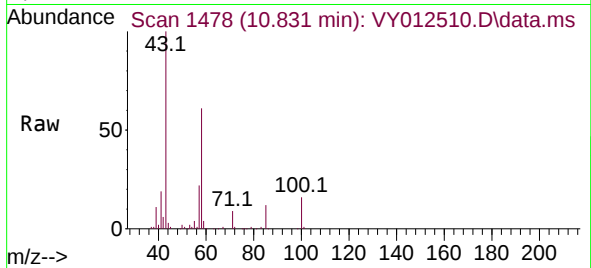




#59
2-Hexanone
Concen: 47.750 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

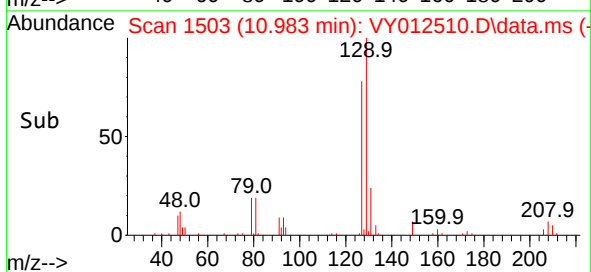
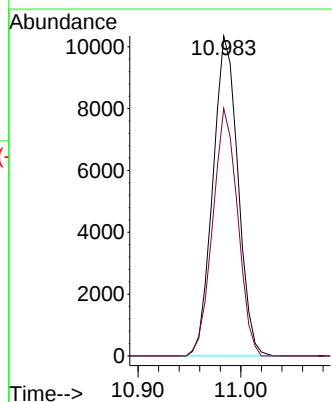
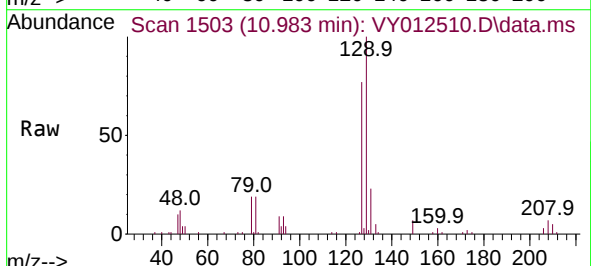
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

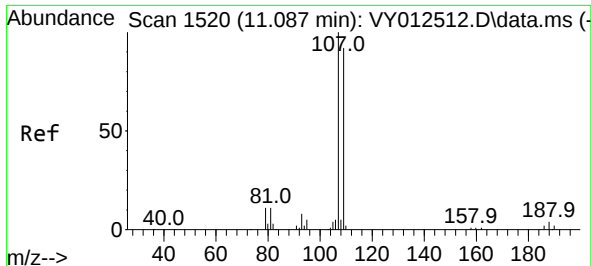
Tgt Ion: 43 Resp: 34106
Ion Ratio Lower Upper
43 100
58 61.7 30.9 92.5



#60
Dibromochloromethane
Concen: 10.122 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion: 129 Resp: 17506
Ion Ratio Lower Upper
129 100
127 76.8 38.0 114.1

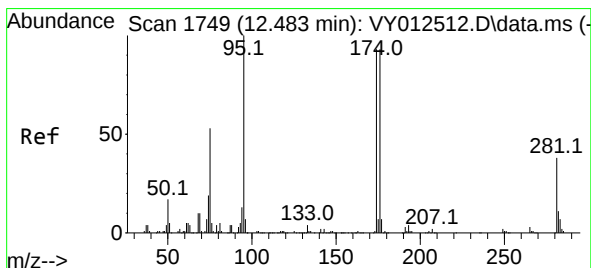
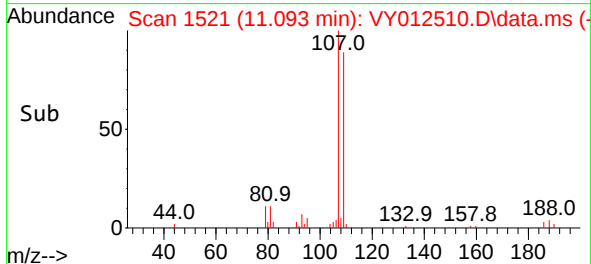
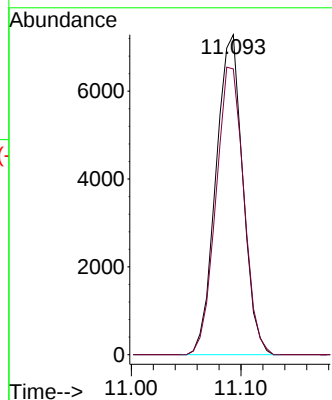
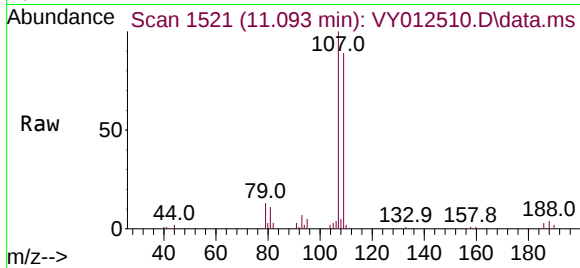




#61
1,2-Dibromoethane
Concen: 10.232 ug/l
RT: 11.093 min Scan# 1520
Delta R.T. 0.006 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

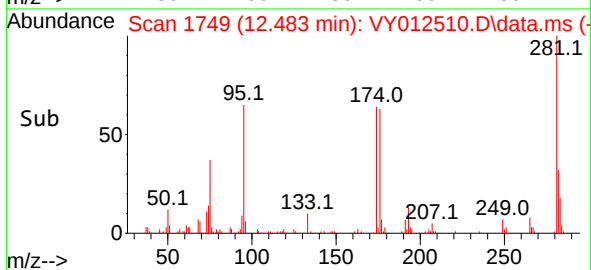
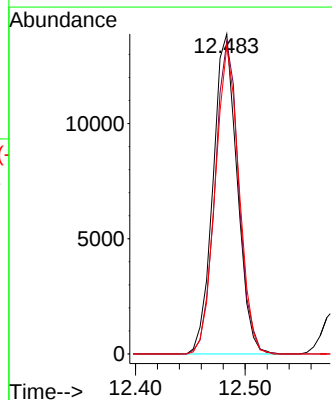
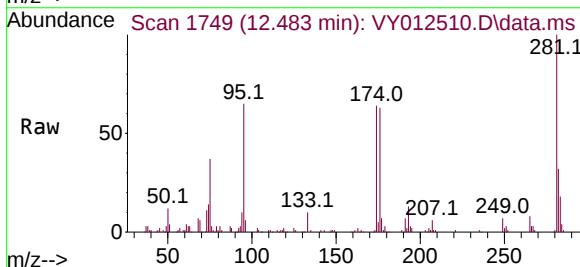
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

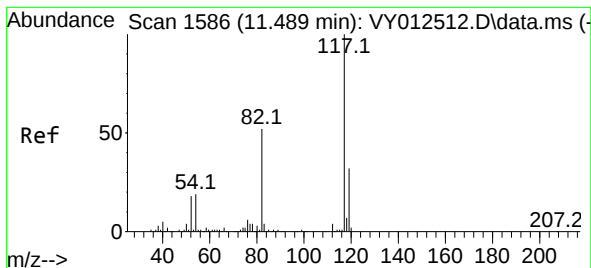
Tgt Ion:107 Resp: 12439
Ion Ratio Lower Upper
107 100
109 92.9 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 9.465 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion: 95 Resp: 21260
Ion Ratio Lower Upper
95 100
174 96.0 0.0 188.0
176 94.6 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

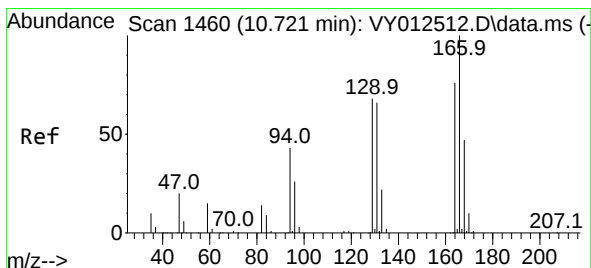
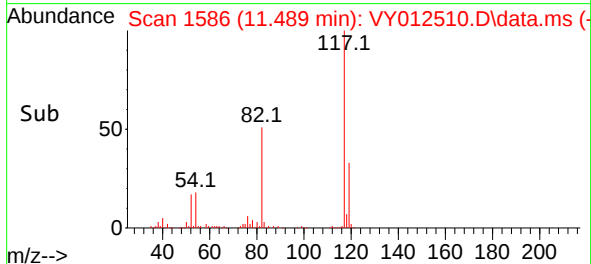
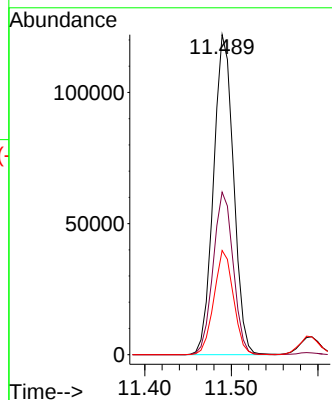
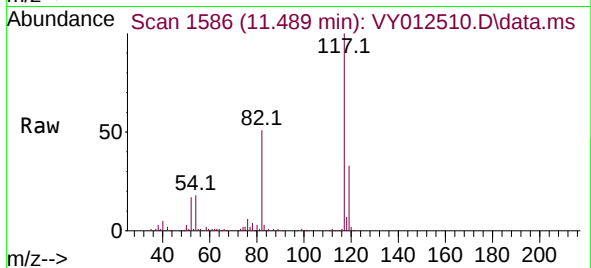
Tgt Ion:117 Resp: 196407

Ion Ratio Lower Upper

117 100

82 50.8 41.7 62.5

119 32.5 25.8 38.8



#64

Tetrachloroethene

Concen: 10.241 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Tgt Ion:164 Resp: 21000

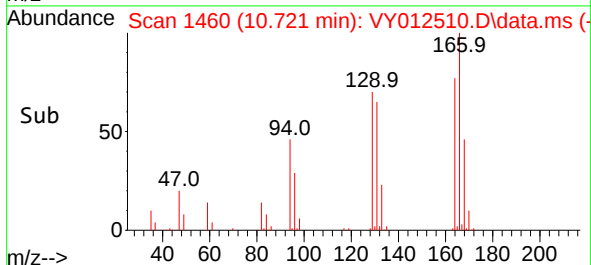
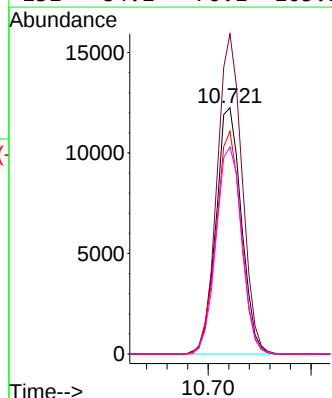
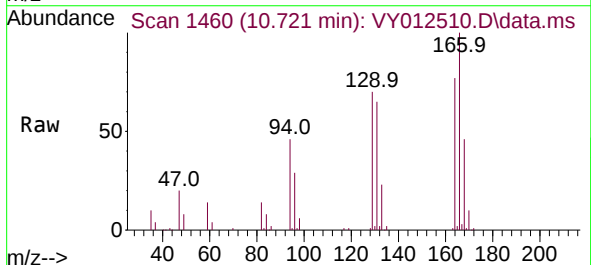
Ion Ratio Lower Upper

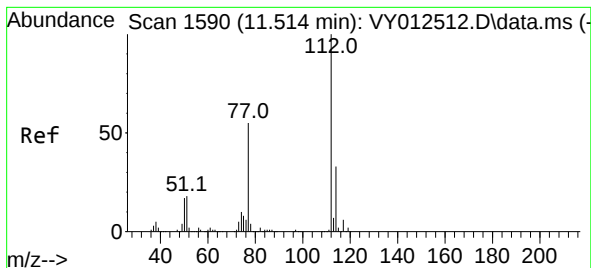
164 100

166 130.0 105.7 158.5

129 90.4 71.8 107.6

131 84.1 70.1 105.1





#65

Chlorobenzene

Concen: 10.071 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

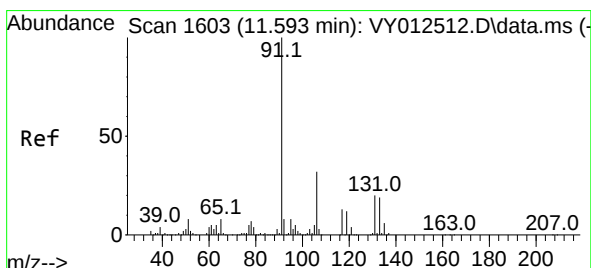
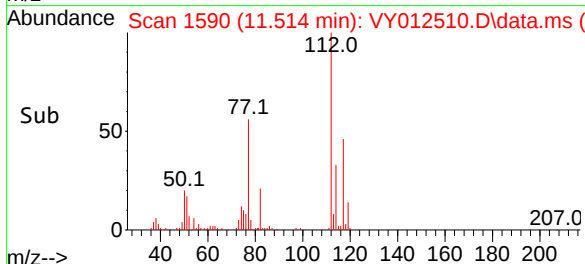
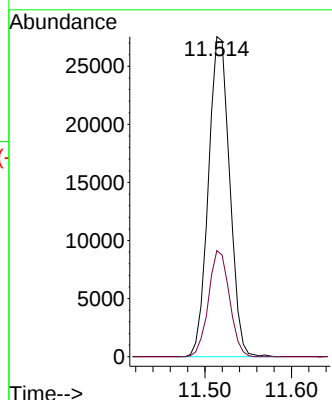
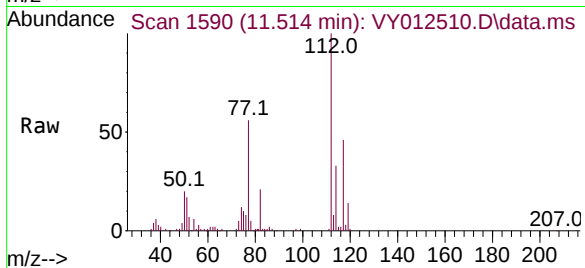
VSTDIC010

Tgt Ion:112 Resp: 46916

Ion Ratio Lower Upper

112 100

114 33.2 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 10.219 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

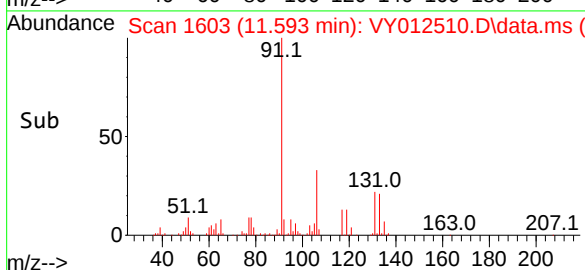
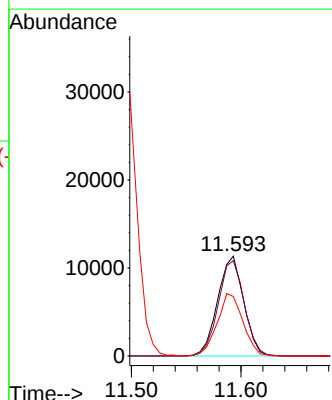
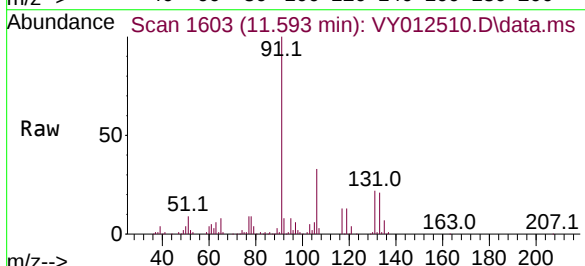
Tgt Ion:131 Resp: 18654

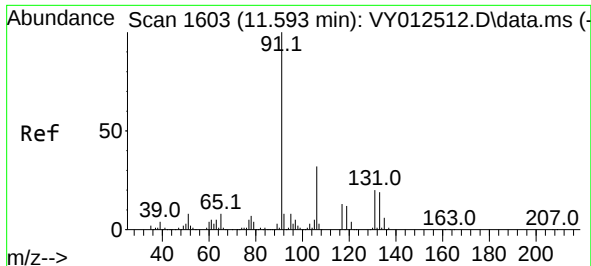
Ion Ratio Lower Upper

131 100

133 95.9 48.5 145.5

119 62.1 30.7 92.1





#67

Ethyl Benzene

Concen: 10.059 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

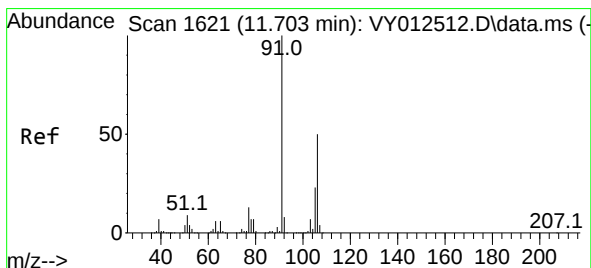
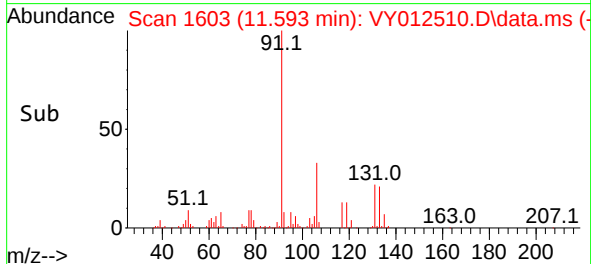
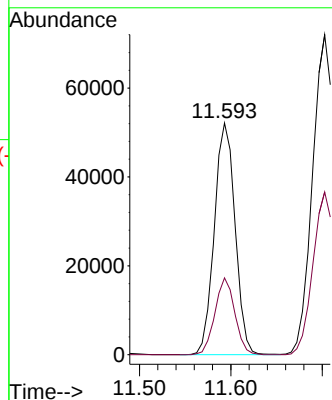
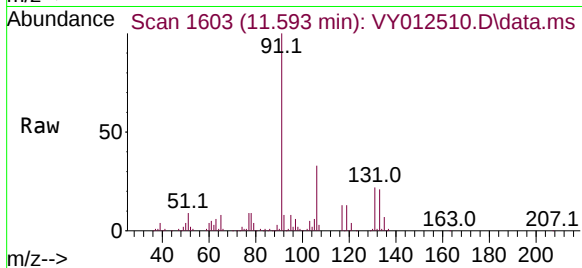
VSTDIC010

Tgt Ion: 91 Resp: 82269

Ion Ratio Lower Upper

91 100

106 33.2 25.6 38.4



#68

m/p-Xylenes

Concen: 20.150 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012510.D

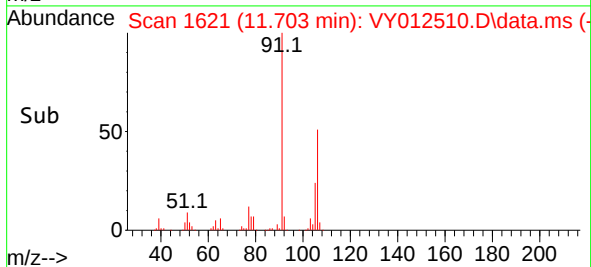
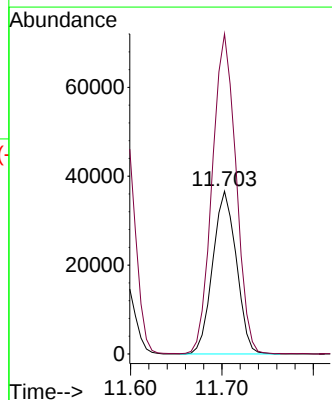
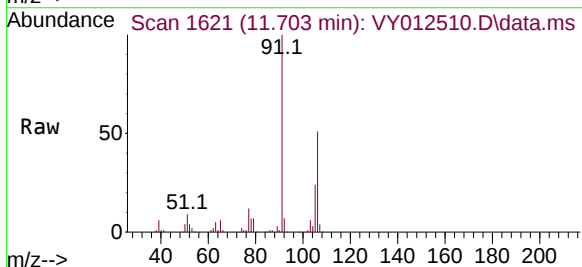
Acq: 07 Feb 2023 10:36

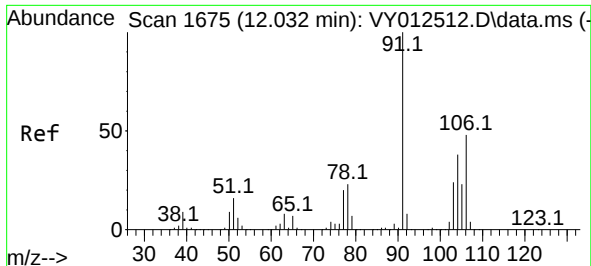
Tgt Ion: 106 Resp: 65777

Ion Ratio Lower Upper

106 100

91 197.7 160.3 240.5





#69

o-Xylene

Concen: 10.070 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

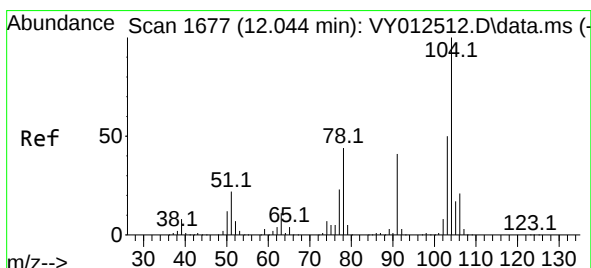
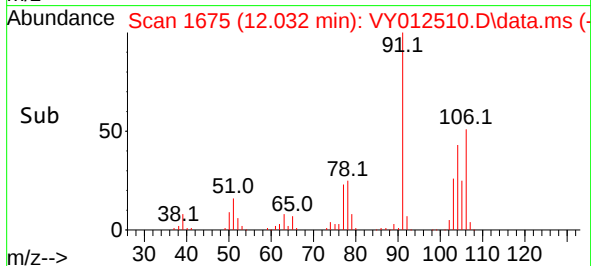
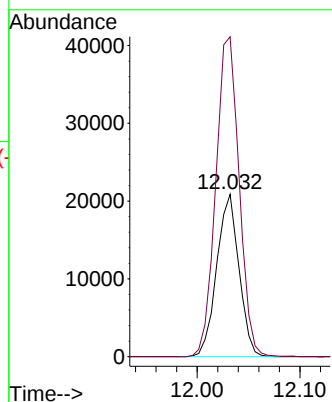
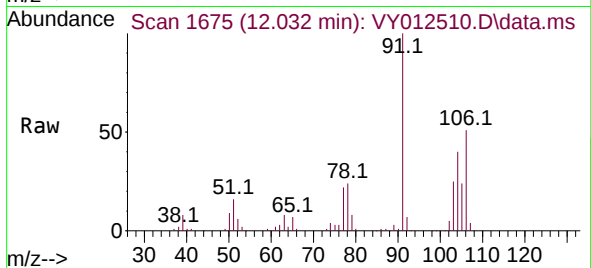
VSTDIC010

Tgt Ion:106 Resp: 31307

Ion Ratio Lower Upper

106 100

91 207.2 104.2 312.5



#70

Styrene

Concen: 10.131 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

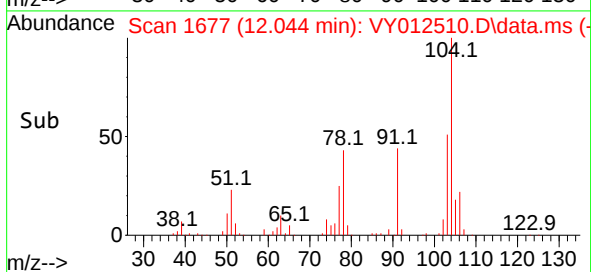
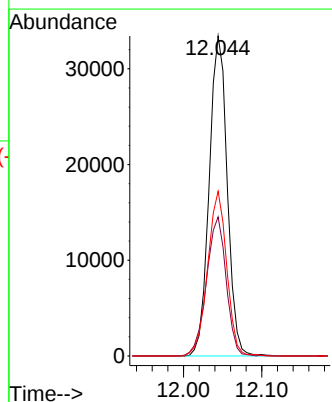
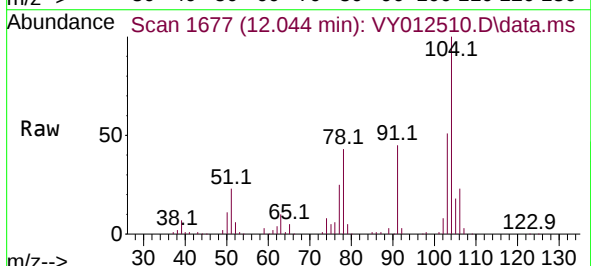
Tgt Ion:104 Resp: 53413

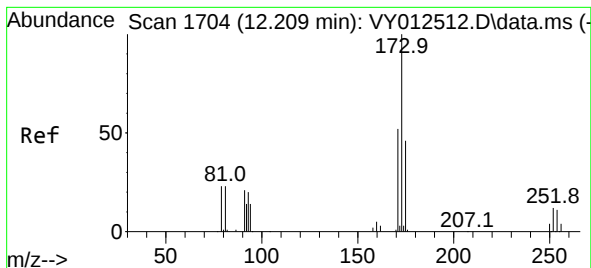
Ion Ratio Lower Upper

104 100

78 47.3 39.4 59.2

103 54.3 43.8 65.8





#71

Bromoform

Concen: 10.135 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

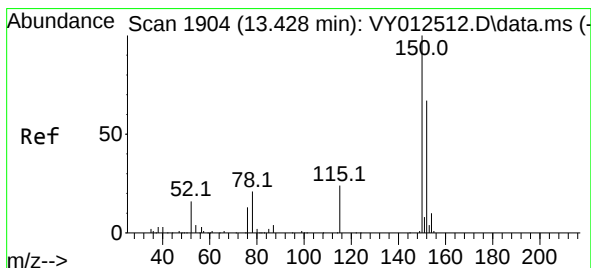
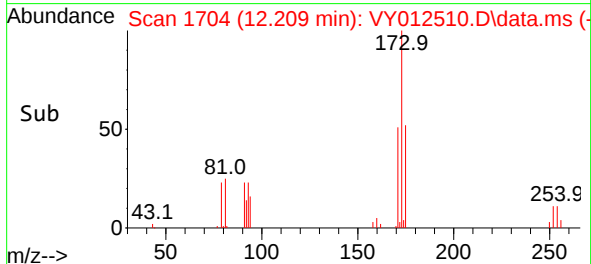
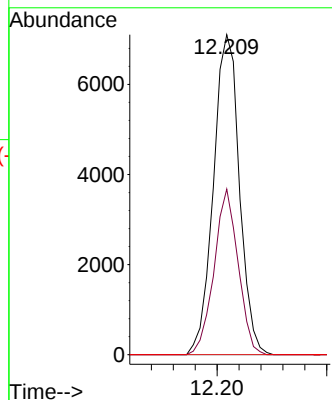
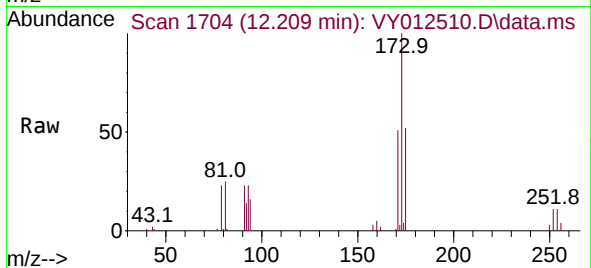
Tgt Ion:173 Resp: 11695

Ion Ratio Lower Upper

173 100

175 47.8 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

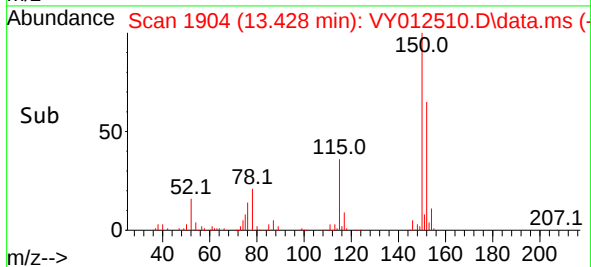
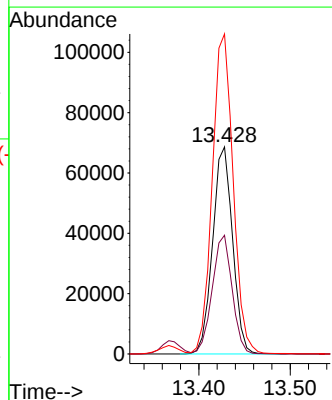
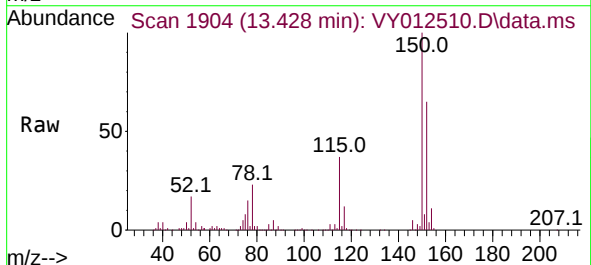
Tgt Ion:152 Resp: 103927

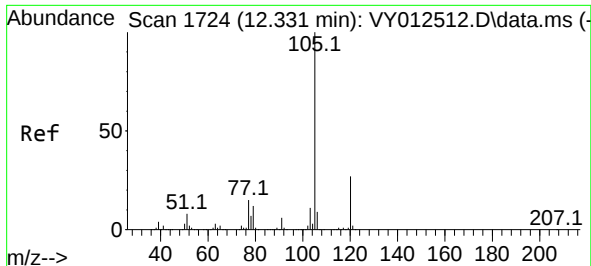
Ion Ratio Lower Upper

152 100

115 57.3 28.1 84.3

150 161.7 0.0 351.0

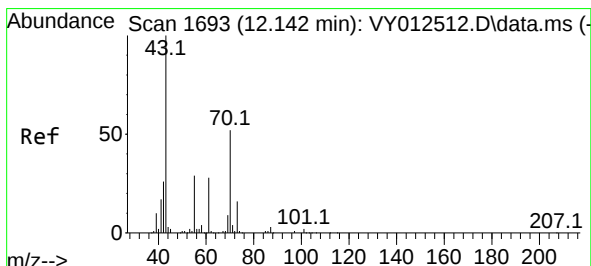
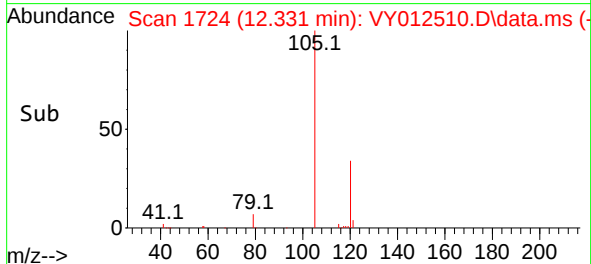
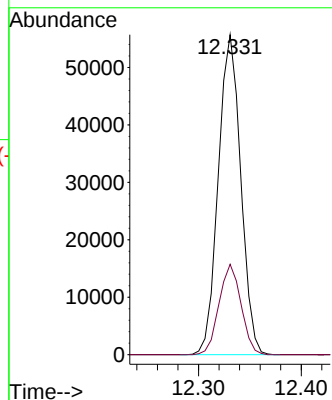
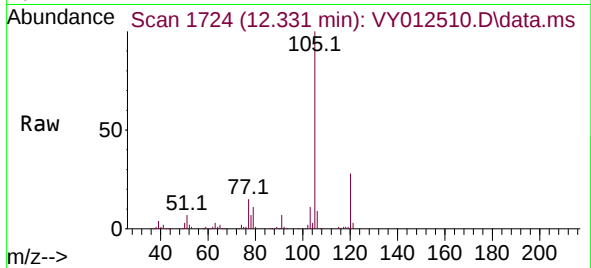




#73
Isopropylbenzene
Concen: 10.046 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

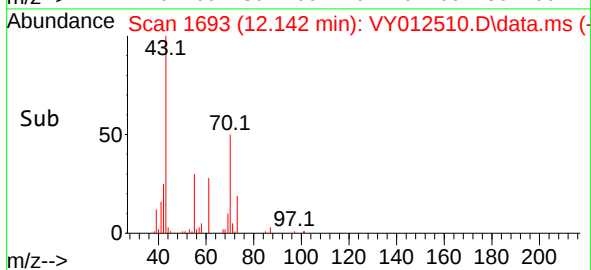
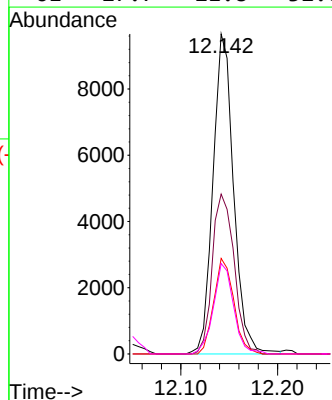
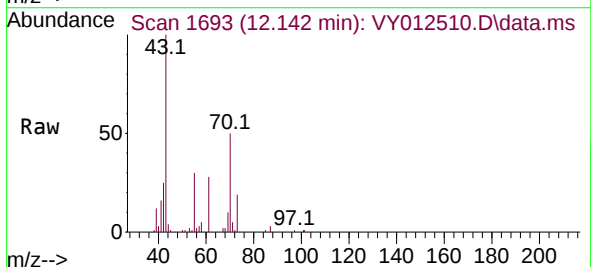
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

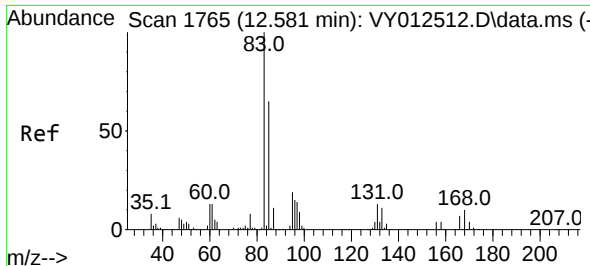
Tgt Ion:105 Resp: 84467
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.2



#74
N-ethyl acetate
Concen: 9.381 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion: 43 Resp: 14279
Ion Ratio Lower Upper
43 100
70 52.9 41.0 61.6
55 28.9 22.9 34.3
61 27.7 21.8 32.6

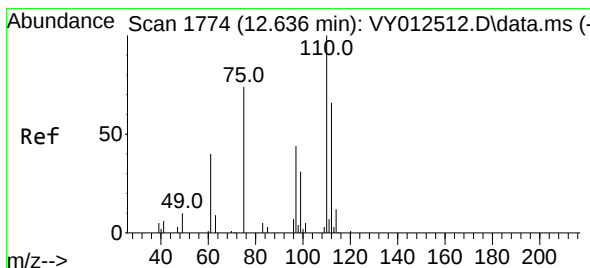
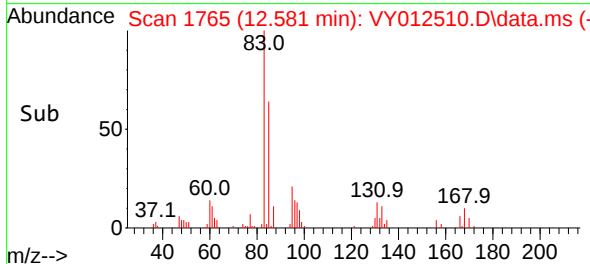
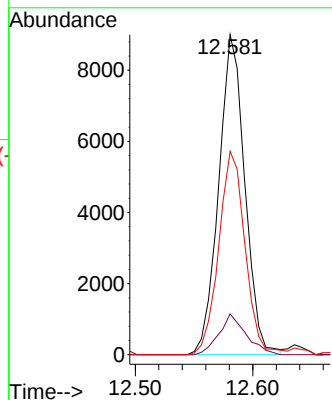
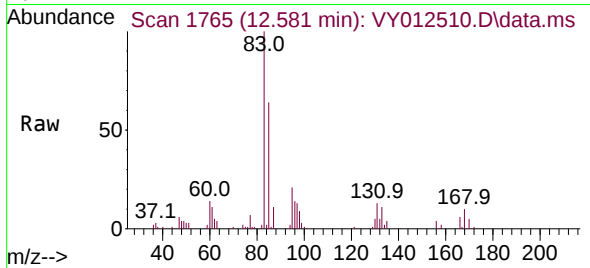




#75
1,1,2,2-Tetrachloroethane
Concen: 10.228 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

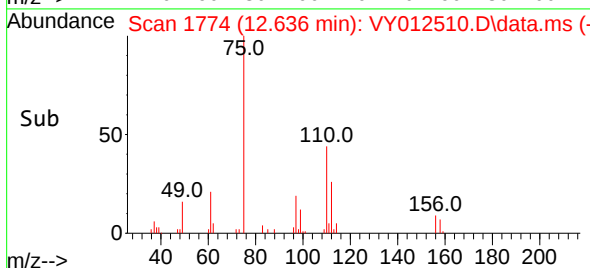
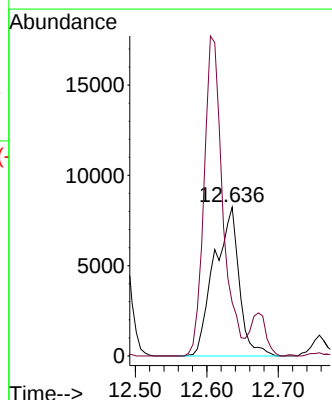
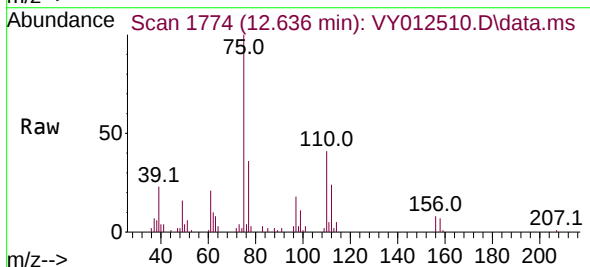
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

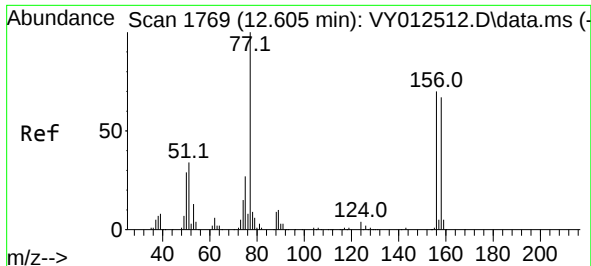
Tgt Ion: 83 Resp: 13906
Ion Ratio Lower Upper
83 100
131 13.2 6.5 19.4
85 64.3 33.0 99.0



#76
1,2,3-Trichloropropane
Concen: 17.268 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion: 75 Resp: 20100
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

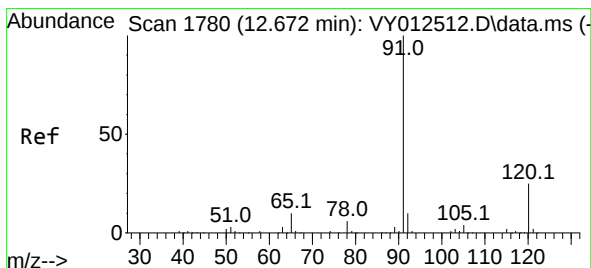
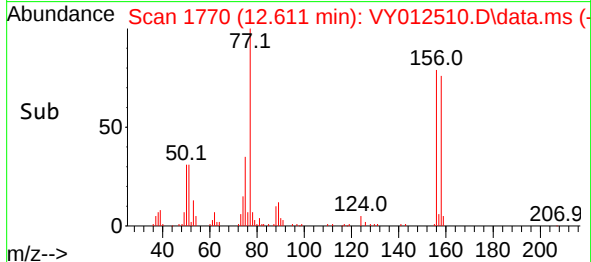
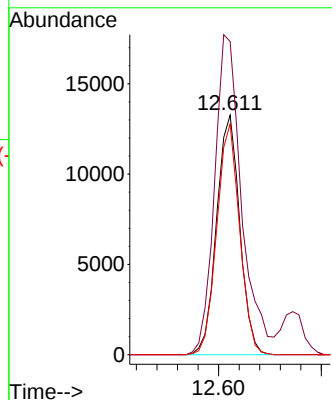
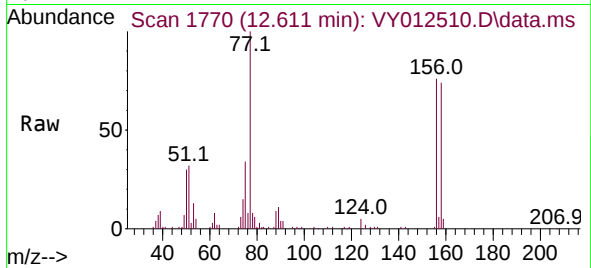




#77
Bromobenzene
Concen: 10.151 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

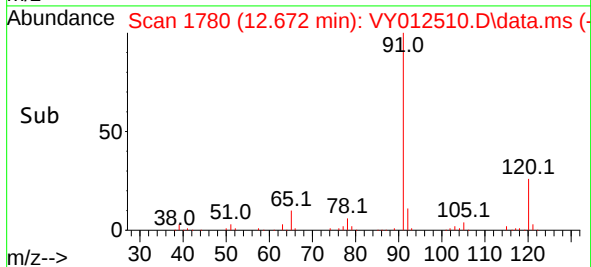
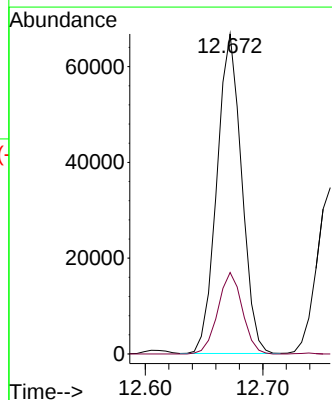
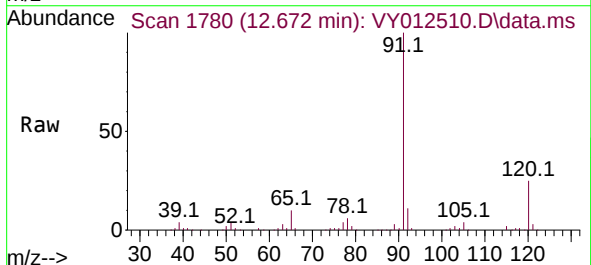
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

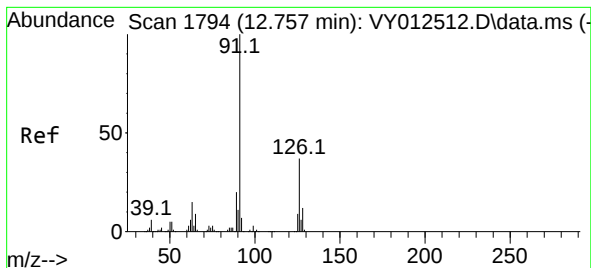
Tgt Ion:156 Resp: 20687
Ion Ratio Lower Upper
156 100
77 156.6 80.6 241.8
158 94.8 49.1 147.3



#78
n-propylbenzene
Concen: 10.077 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion: 91 Resp: 97529
Ion Ratio Lower Upper
91 100
120 25.2 12.4 37.4





#79

2-Chlorotoluene

Concen: 10.027 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

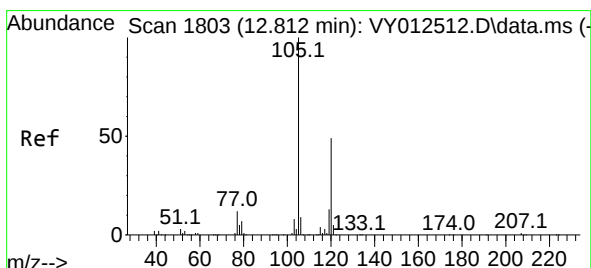
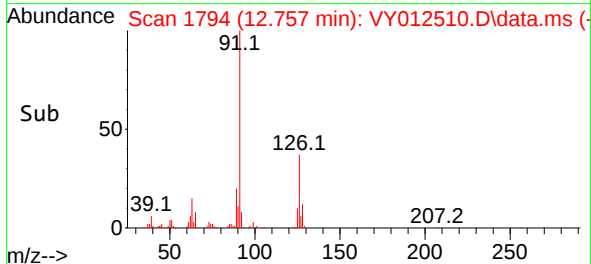
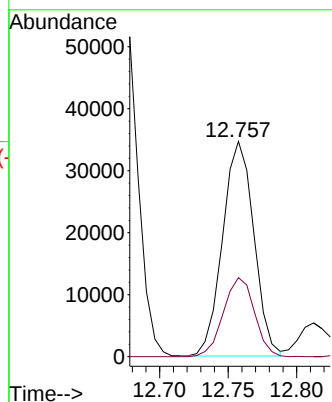
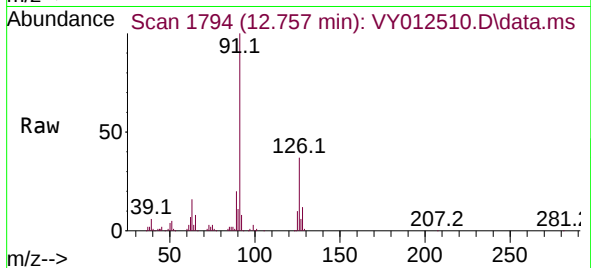
VSTDIC010

Tgt Ion: 91 Resp: 55086

Ion Ratio Lower Upper

91 100

126 36.5 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 10.188 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY012510.D

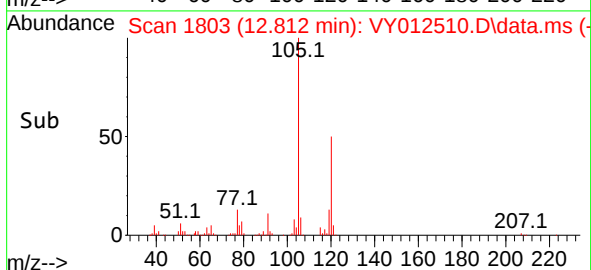
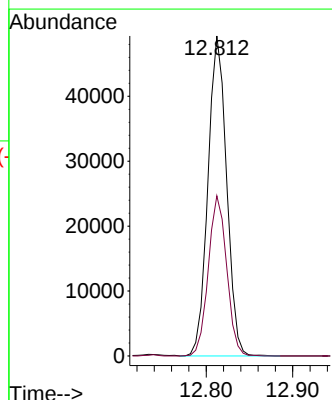
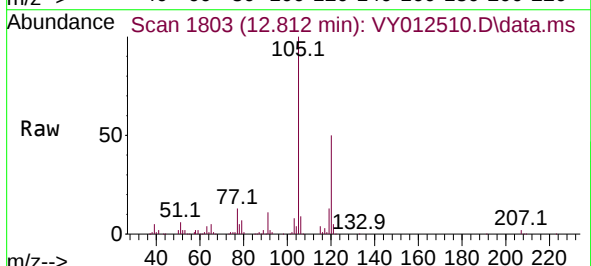
Acq: 07 Feb 2023 10:36

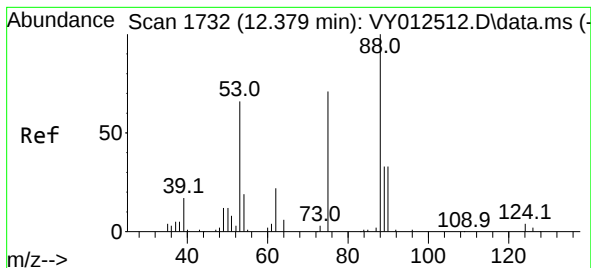
Tgt Ion: 105 Resp: 73741

Ion Ratio Lower Upper

105 100

120 49.3 24.6 74.0

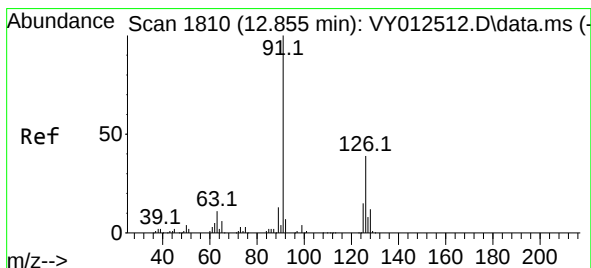
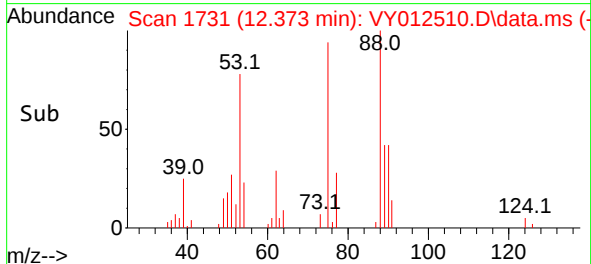
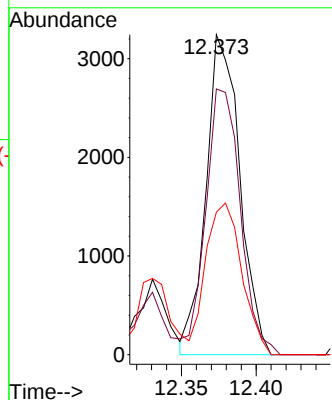
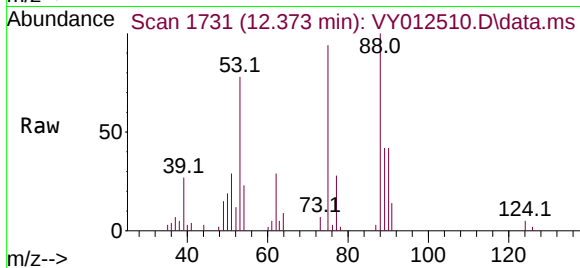




#81
trans-1,4-Dichloro-2-butene
Concen: 9.882 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

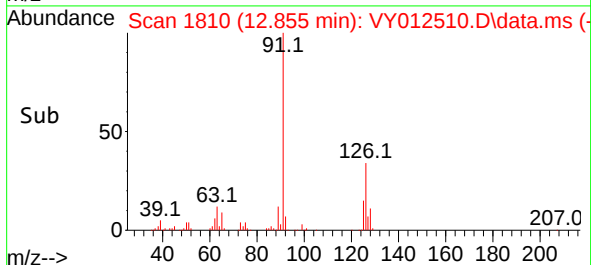
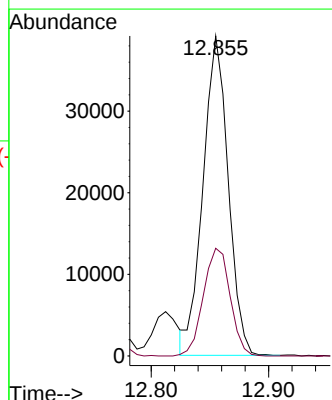
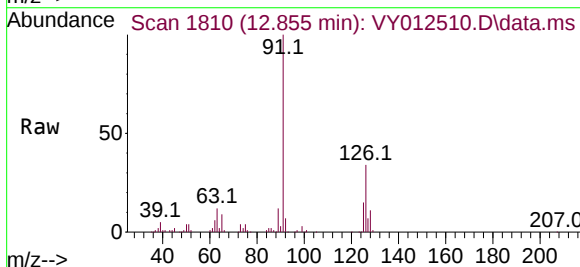
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

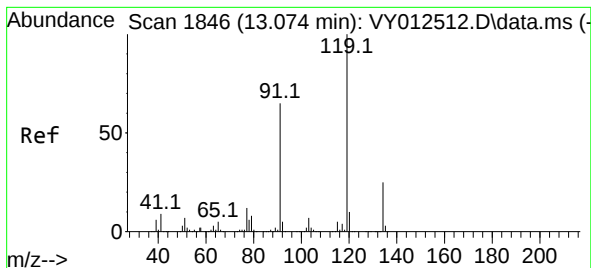
Tgt Ion: 75 Resp: 5088
Ion Ratio Lower Upper
75 100
53 85.2 73.1 109.7
89 50.7 39.9 59.9



#82
4-Chlorotoluene
Concen: 10.119 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion: 91 Resp: 58315
Ion Ratio Lower Upper
91 100
126 35.8 18.1 54.3





#83

tert-Butylbenzene

Concen: 9.911 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

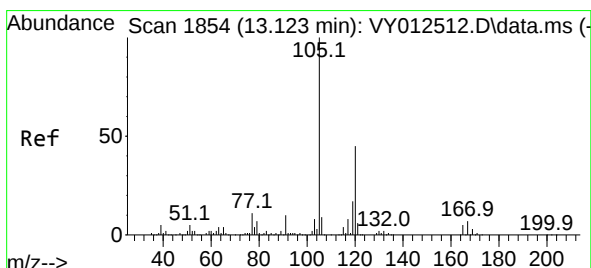
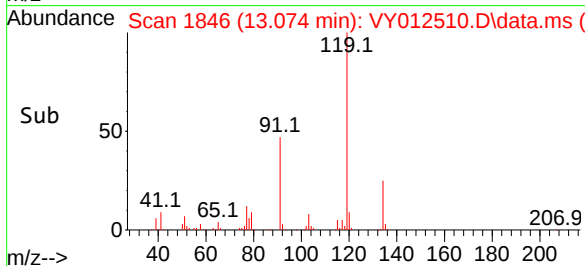
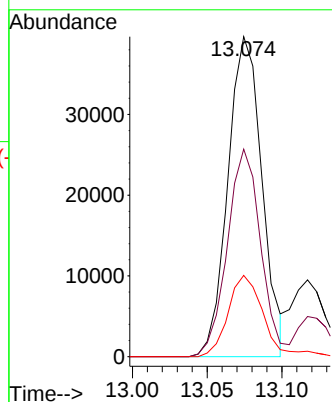
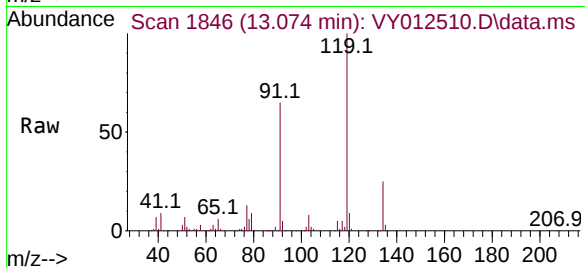
Tgt Ion:119 Resp: 62906

Ion Ratio Lower Upper

119 100

91 63.7 33.0 99.0

134 26.3 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 10.055 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY012510.D

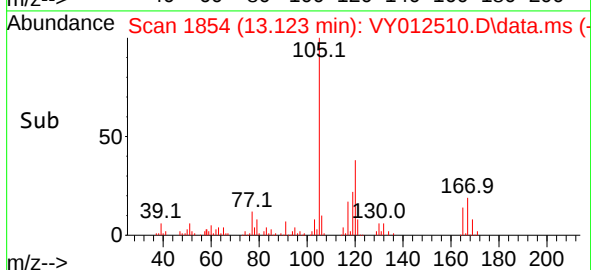
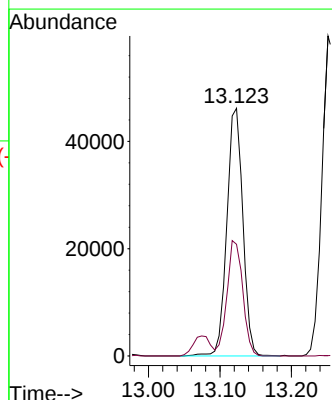
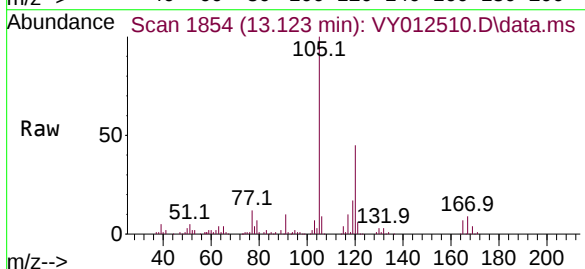
Acq: 07 Feb 2023 10:36

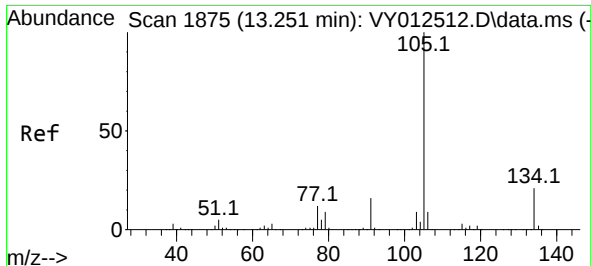
Tgt Ion:105 Resp: 71612

Ion Ratio Lower Upper

105 100

120 45.9 22.8 68.3

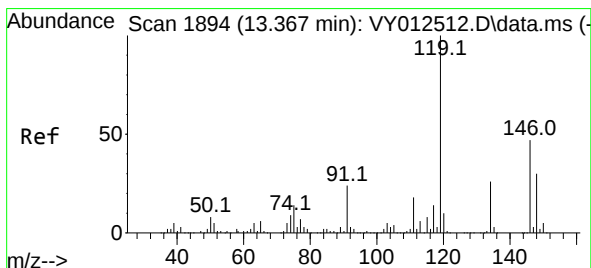
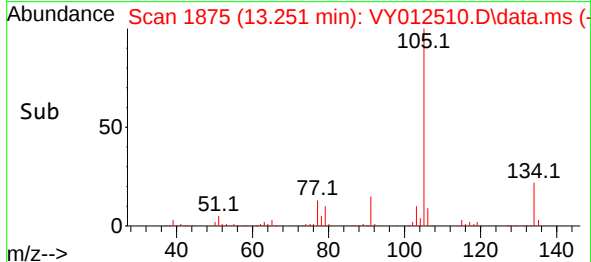
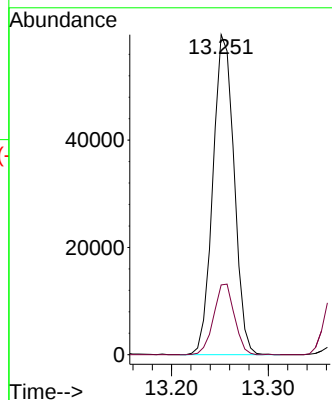
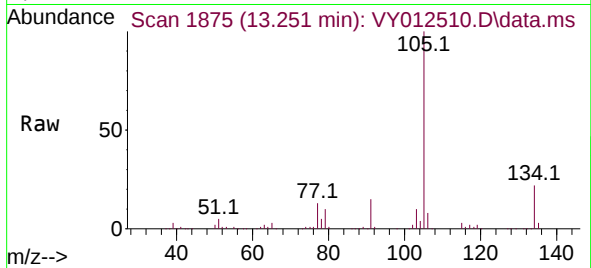




#85
 sec-Butylbenzene
 Concen: 9.997 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY012510.D
 Acq: 07 Feb 2023 10:36

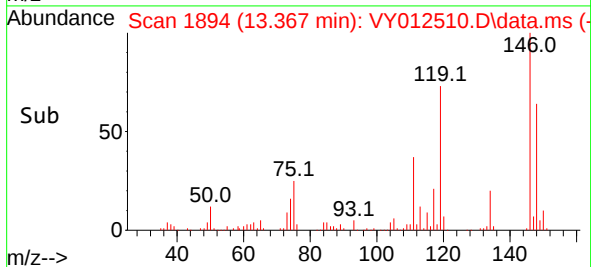
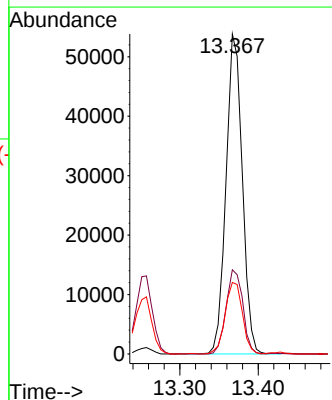
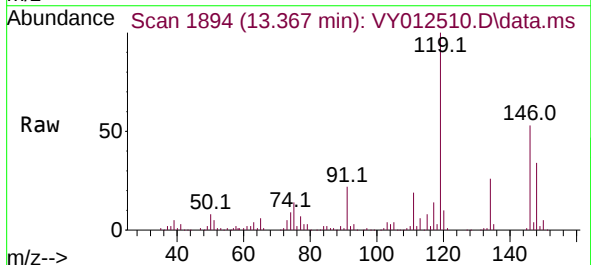
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

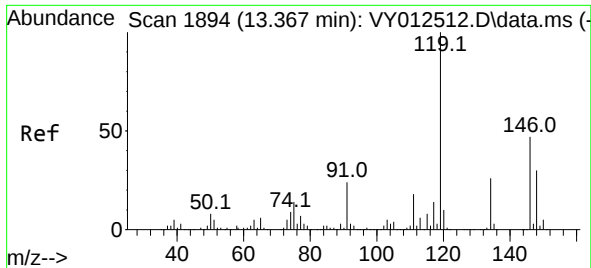
Tgt Ion:105 Resp: 90775
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 9.909 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY012510.D
 Acq: 07 Feb 2023 10:36

Tgt Ion:119 Resp: 78056
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 23.7 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 10.322 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

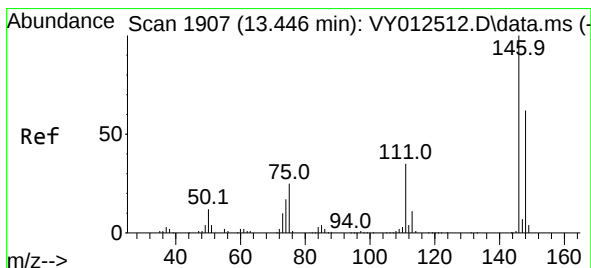
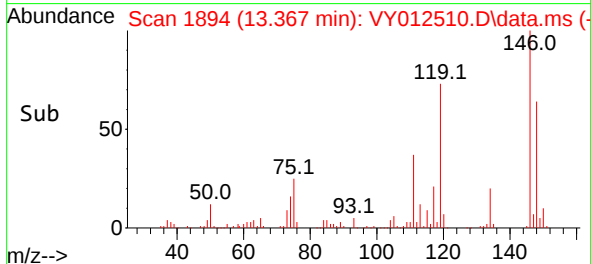
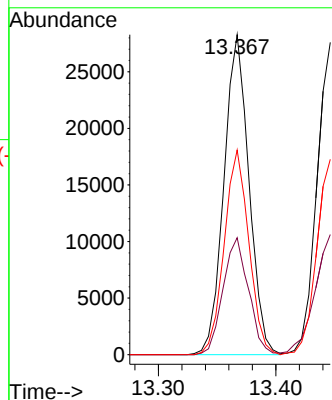
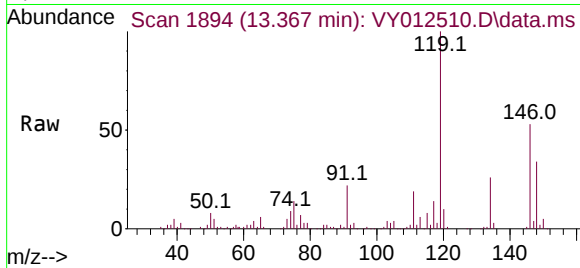
Tgt Ion:146 Resp: 41856

Ion Ratio Lower Upper

146 100

111 37.2 19.3 57.9

148 63.0 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 10.157 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

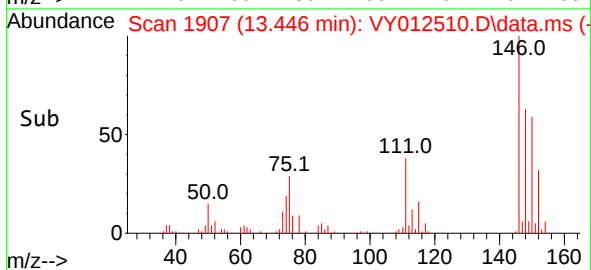
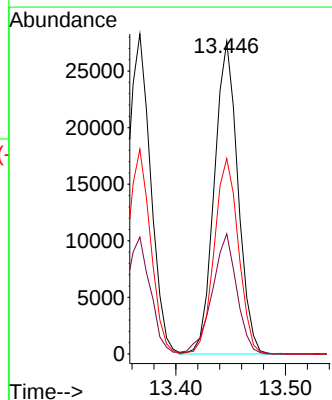
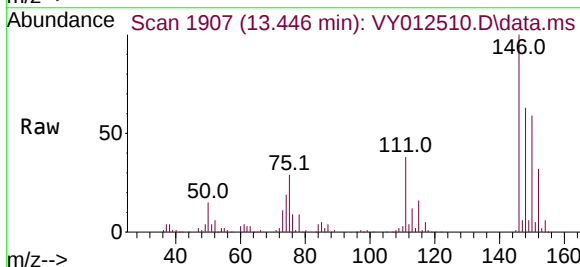
Tgt Ion:146 Resp: 41254

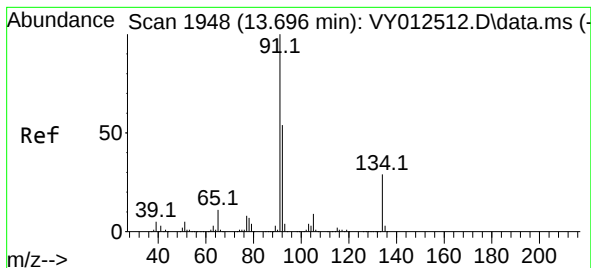
Ion Ratio Lower Upper

146 100

111 40.2 18.4 55.2

148 64.3 31.6 95.0





#89

n-Butylbenzene

Concen: 9.883 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

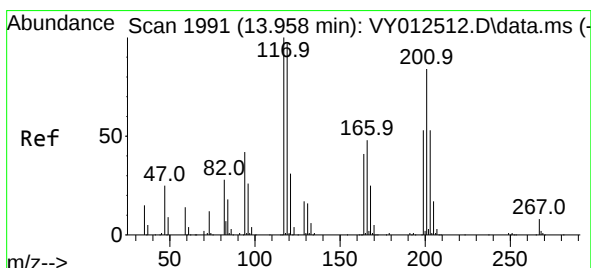
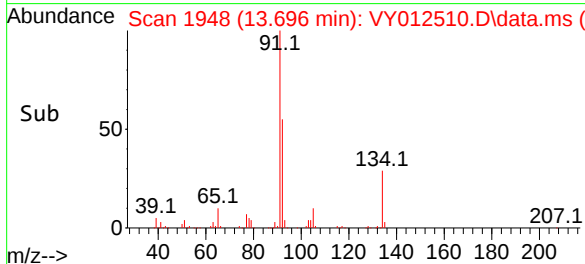
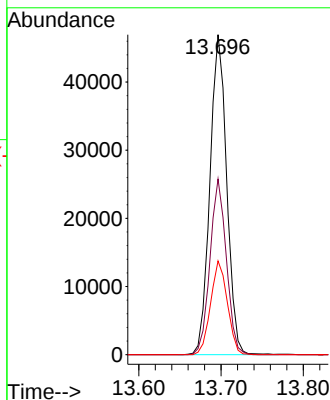
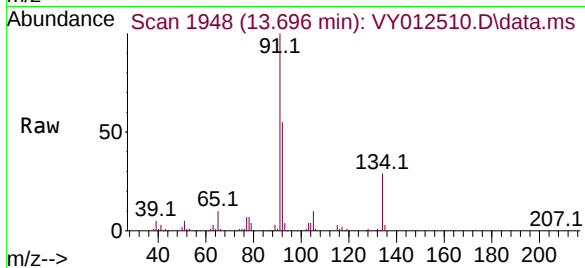
Tgt Ion: 91 Resp: 66538

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.7

134 29.2 14.5 43.5



#90

Hexachloroethane

Concen: 10.214 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012510.D

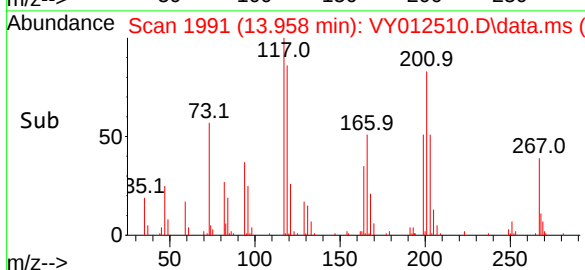
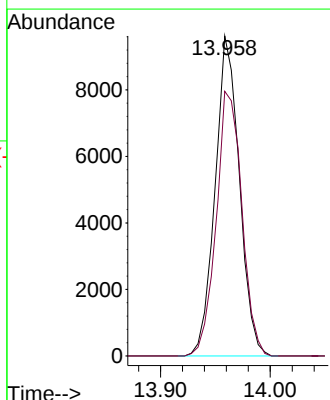
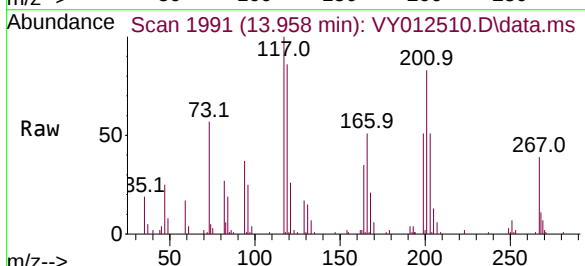
Acq: 07 Feb 2023 10:36

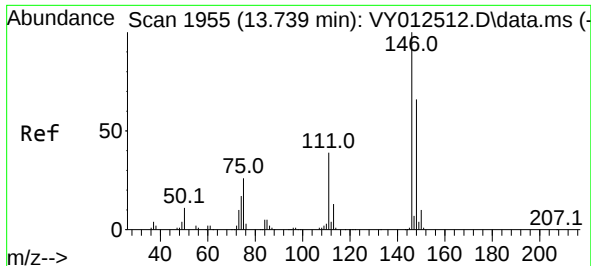
Tgt Ion: 117 Resp: 14769

Ion Ratio Lower Upper

117 100

201 87.5 43.9 131.7

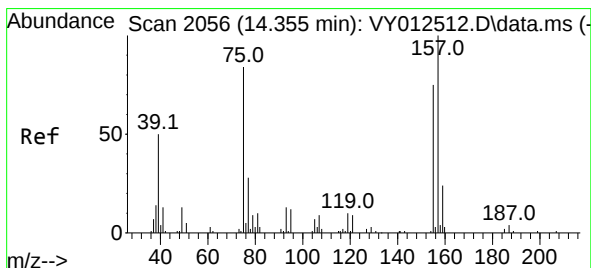
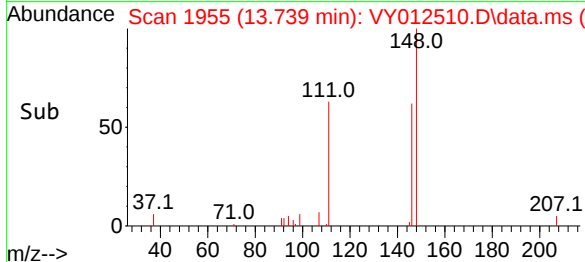
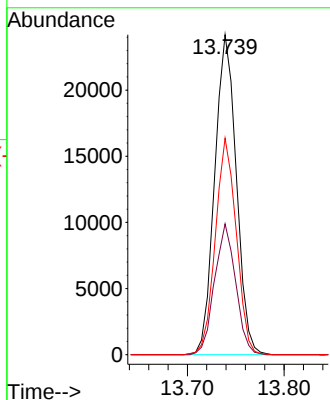
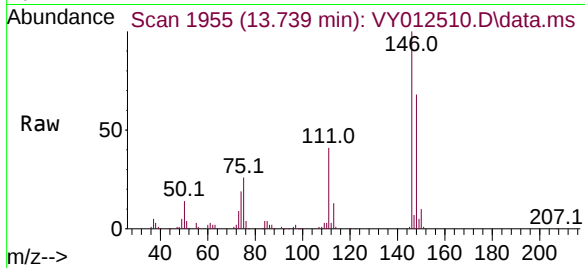




#91
1,2-Dichlorobenzene
Concen: 10.291 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

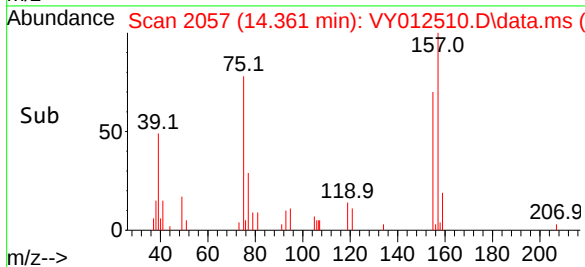
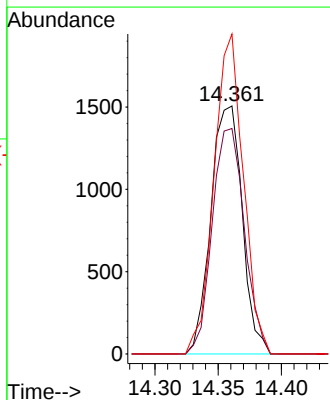
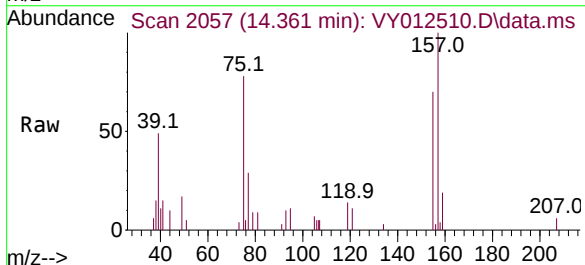
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

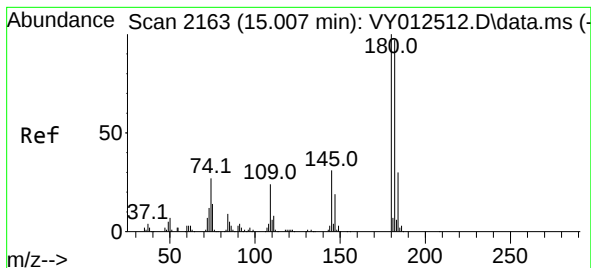
Tgt Ion:146 Resp: 37539
Ion Ratio Lower Upper
146 100
111 39.9 19.7 59.1
148 65.6 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.602 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion: 75 Resp: 2598
Ion Ratio Lower Upper
75 100
155 93.2 46.5 139.3
157 120.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 9.815 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

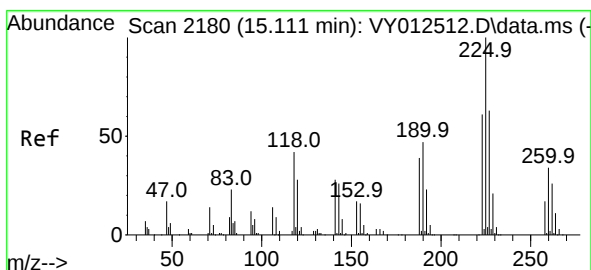
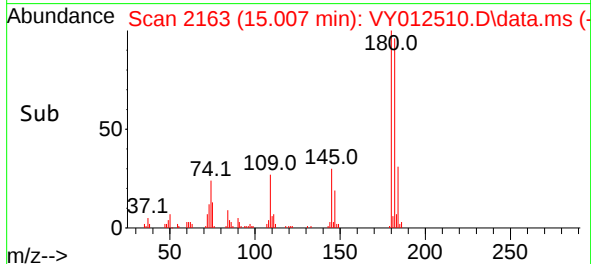
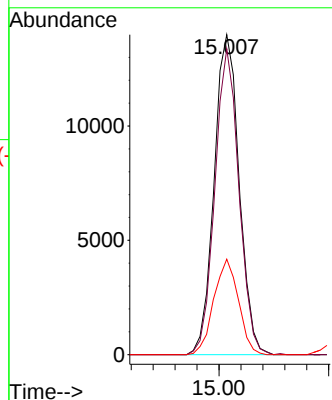
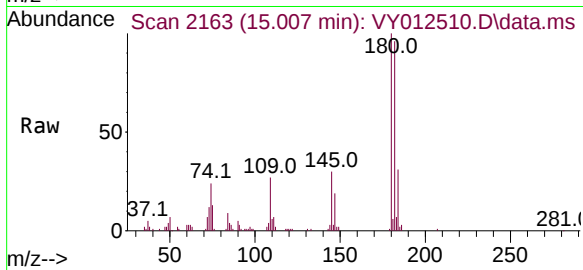
Tgt Ion:180 Resp: 22184

Ion Ratio Lower Upper

180 100

182 91.9 47.7 143.1

145 29.5 15.4 46.4



#94

Hexachlorobutadiene

Concen: 10.063 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012510.D

Acq: 07 Feb 2023 10:36

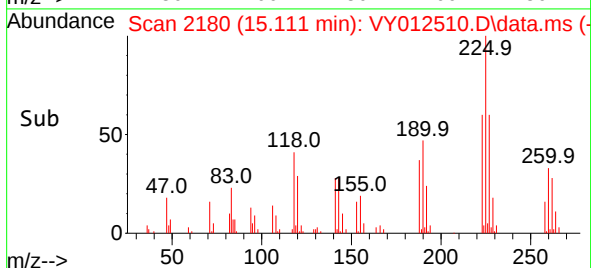
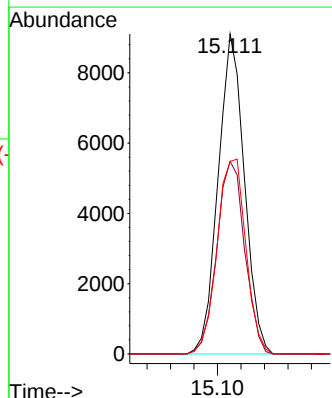
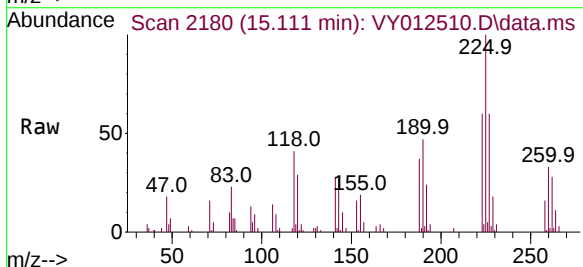
Tgt Ion:225 Resp: 14130

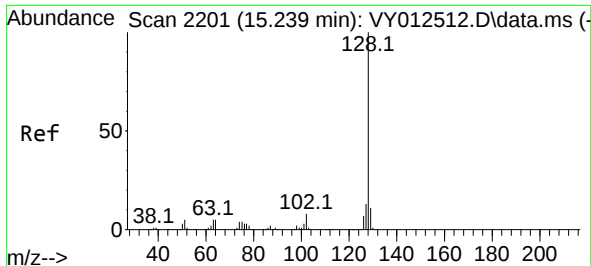
Ion Ratio Lower Upper

225 100

223 64.0 31.1 93.3

227 66.5 31.9 95.5

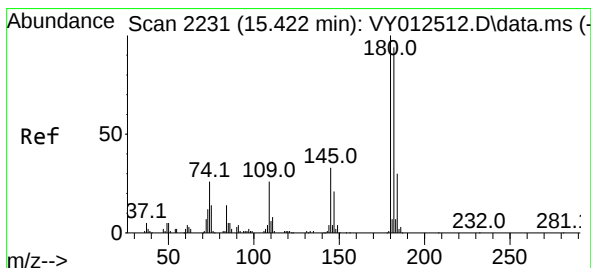
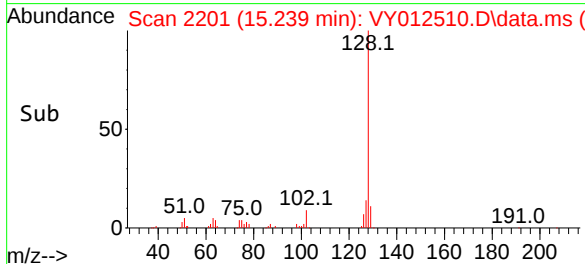
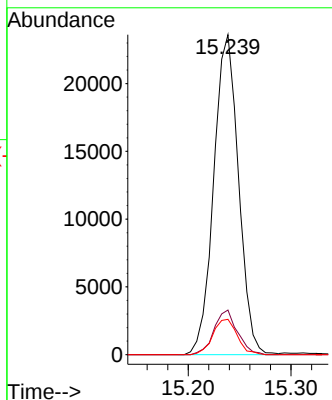
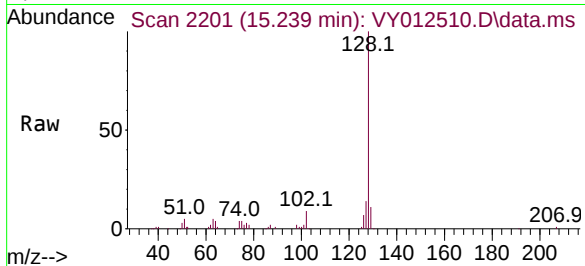




#95
Naphthalene
Concen: 9.108 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:	128	Resp:	39520
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 9.656 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY012510.D
Acq: 07 Feb 2023 10:36

Tgt Ion:	180	Resp:	18892
Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.4	142.2
145	31.3	16.2	48.6

