

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012509.D
 Acq On : 07 Feb 2023 09:51
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 07 21:46:10 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	129162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	196642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	177705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8764	5.336	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.680%#
35) Dibromofluoromethane	7.716	113	7072	4.938	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.880%#
50) Toluene-d8	10.179	98	29194	4.898	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	9.800%#
62) 4-Bromofluorobenzene	12.483	95	12271	5.902	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	11.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	6284	3.607	ug/l	89
3) Chloromethane	2.113	50	5616	5.581	ug/l	93
4) Vinyl Chloride	2.259	62	7052	5.625	ug/l	91
5) Bromomethane	2.656	94	6742	4.755	ug/l	100
6) Chloroethane	2.796	64	4782	5.480	ug/l	97
7) Trichlorofluoromethane	3.131	101	14804	5.745	ug/l	97
8) Diethyl Ether	3.534	74	3968	5.193	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	7069	5.432	ug/l	98
10) Methyl Iodide	4.101	142	7242	4.293	ug/l	98
11) Tert butyl alcohol	4.948	59	6327	31.996	ug/l #	86
12) 1,1-Dichloroethene	3.875	96	6970	5.421	ug/l	90
13) Acrolein	3.735	56	5037	26.087	ug/l	91
14) Allyl chloride	4.485	41	8115	5.176	ug/l	97
15) Acrylonitrile	5.161	53	8800	24.961	ug/l	100
16) Acetone	3.948	43	8538	21.598	ug/l #	86
17) Carbon Disulfide	4.198	76	18809	5.640	ug/l #	95
18) Methyl Acetate	4.479	43	5708	6.007	ug/l #	75
19) Methyl tert-butyl Ether	5.222	73	18792	4.994	ug/l	95
20) Methylene Chloride	4.722	84	12399	4.564	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	7511	5.356	ug/l #	81
22) Diisopropyl ether	6.119	45	15451	4.847	ug/l	96
23) Vinyl Acetate	6.058	43	42526	22.128	ug/l	100
24) 1,1-Dichloroethane	6.021	63	12021	5.275	ug/l	98
25) 2-Butanone	6.996	43	10317	23.522	ug/l	95
26) 2,2-Dichloropropane	6.978	77	13685	5.466	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	8579	5.272	ug/l	99
28) Bromochloromethane	7.332	49	3213	3.879	ug/l #	98
29) Tetrahydrofuran	7.350	42	5733	24.178	ug/l	97
30) Chloroform	7.502	83	15094	5.494	ug/l	97
31) Cyclohexane	7.783	56	11163	5.878	ug/l #	76
32) 1,1,1-Trichloroethane	7.704	97	14386	5.396	ug/l	99
36) 1,1-Dichloropropene	7.917	75	10329	5.329	ug/l	99
37) Ethyl Acetate	7.076	43	4446	5.084	ug/l #	92
38) Carbon Tetrachloride	7.899	117	14244	5.475	ug/l	99
39) Methylcyclohexane	9.185	83	12265	5.259	ug/l	94
40) Benzene	8.167	78	29587	5.168	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012509.D
 Acq On : 07 Feb 2023 09:51
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 07 21:46:10 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	4042	8.438	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	9663	5.208	ug/l	100
43) Isopropyl Acetate	8.271	43	7675	4.733	ug/l #	86
44) Trichloroethene	8.941	130	9407	5.398	ug/l	99
45) 1,2-Dichloropropane	9.222	63	6385	5.144	ug/l	98
46) Dibromomethane	9.307	93	4322	5.259	ug/l	92
47) Bromodichloromethane	9.502	83	11028	5.175	ug/l	90
48) Methyl methacrylate	9.295	41	3672	4.954	ug/l	92
49) 1,4-Dioxane	9.301	88	1047	92.279	ug/l #	82
51) 4-Methyl-2-Pentanone	10.075	43	19652	22.463	ug/l	100
52) Toluene	10.246	92	19991	5.150	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	10501	4.890	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	11749	5.056	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	6209	5.170	ug/l	93
56) Ethyl methacrylate	10.514	69	6705	4.444	ug/l	98
57) 1,3-Dichloropropane	10.795	76	9821	5.067	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	12725	18.763	ug/l	96
59) 2-Hexanone	10.831	43	13835	20.926	ug/l	98
60) Dibromochloromethane	10.990	129	8156	5.095	ug/l	98
61) 1,2-Dibromoethane	11.087	107	5624	4.998	ug/l	99
64) Tetrachloroethene	10.721	164	9465	5.102	ug/l	97
65) Chlorobenzene	11.520	112	23186	5.501	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.593	131	8859	5.364	ug/l	97
67) Ethyl Benzene	11.593	91	37917	5.124	ug/l	97
68) m/p-Xylenes	11.703	106	30361	10.279	ug/l	97
69) o-Xylene	12.032	106	14317	5.090	ug/l	98
70) Styrene	12.044	104	23710	4.970	ug/l	97
71) Bromoform	12.209	173	5274	5.052	ug/l #	93
73) Isopropylbenzene	12.331	105	38370	5.074	ug/l	100
74) N-amyl acetate	12.142	43	6094	4.452	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	6395	5.230	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	8976	8.575	ug/l #	100
77) Bromobenzene	12.611	156	9802	5.348	ug/l	93
78) n-propylbenzene	12.672	91	44117	5.069	ug/l	99
79) 2-Chlorotoluene	12.758	91	25229	5.106	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	32824	5.042	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	2226	4.807	ug/l	93
82) 4-Chlorotoluene	12.855	91	26457	5.105	ug/l	98
83) tert-Butylbenzene	13.075	119	29633	5.191	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	31943	4.987	ug/l	99
85) sec-Butylbenzene	13.258	105	41915	5.133	ug/l	99
86) p-Isopropyltoluene	13.373	119	35517	5.013	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	19209	5.267	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	20087	5.499	ug/l	96
89) n-Butylbenzene	13.696	91	29827	4.926	ug/l	98
90) Hexachloroethane	13.959	117	7137	5.488	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	17714	5.400	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1239	5.092	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	9849	4.845	ug/l	98
94) Hexachlorobutadiene	15.117	225	7039	5.574	ug/l	96
95) Naphthalene	15.239	128	17045	4.368	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	8777	4.988	ug/l	96

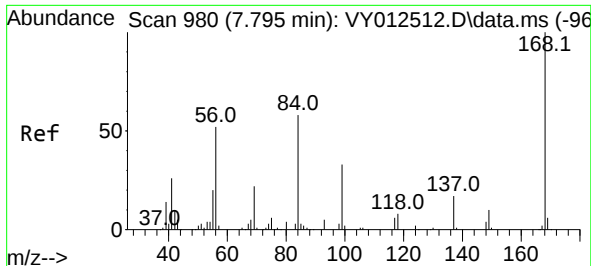
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
Data File : VY012509.D
Acq On : 07 Feb 2023 09:51
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Feb 07 21:46:10 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)
----------	------	------	----------	------	-------	----------

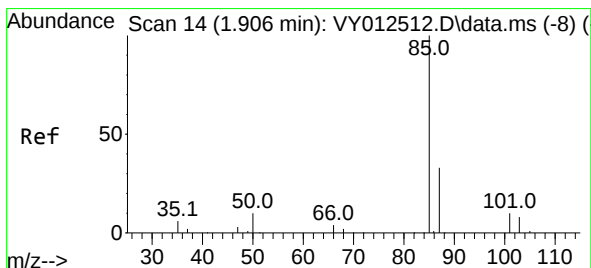
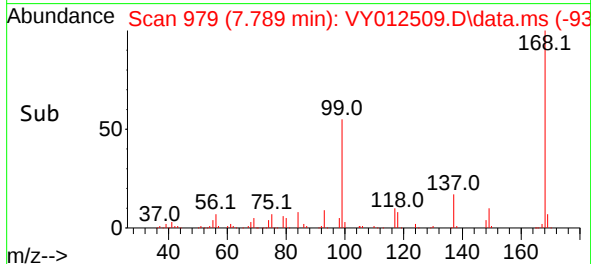
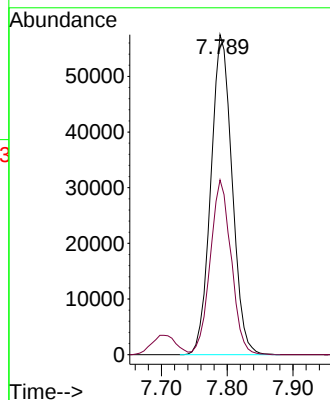
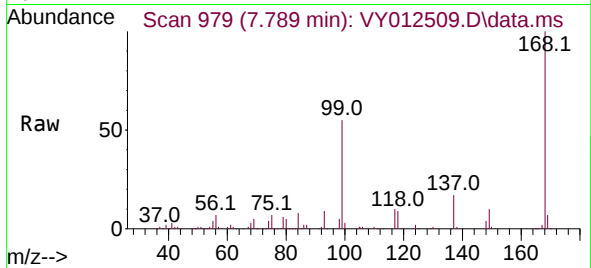
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

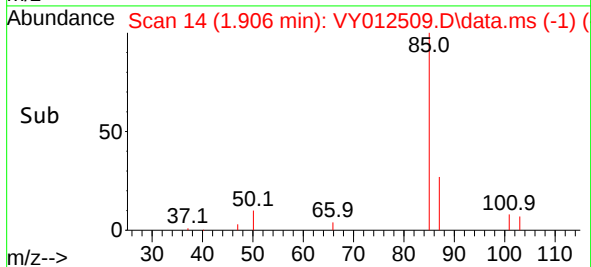
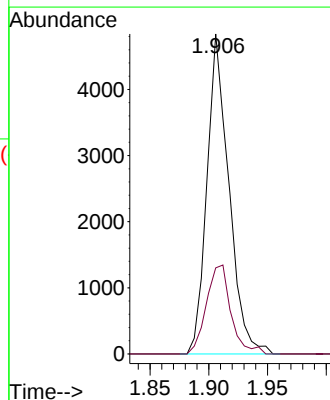
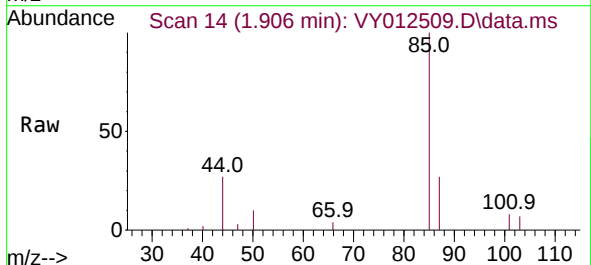
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

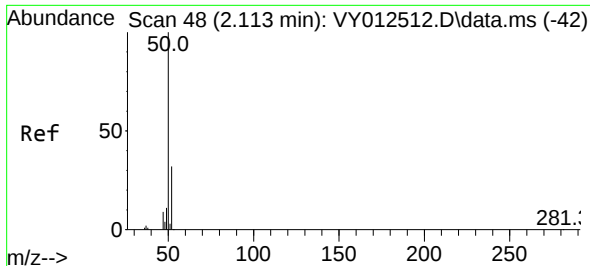
Tgt Ion:168 Resp: 129162
Ion Ratio Lower Upper
168 100
99 54.6 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 3.607 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion: 85 Resp: 6284
Ion Ratio Lower Upper
85 100
87 26.9 16.6 49.8

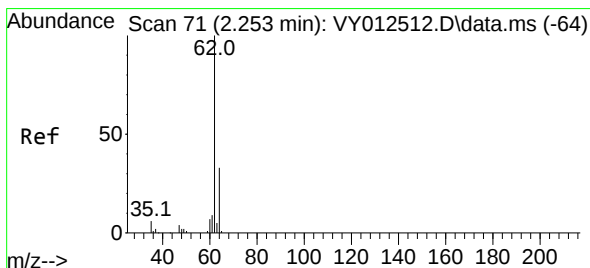
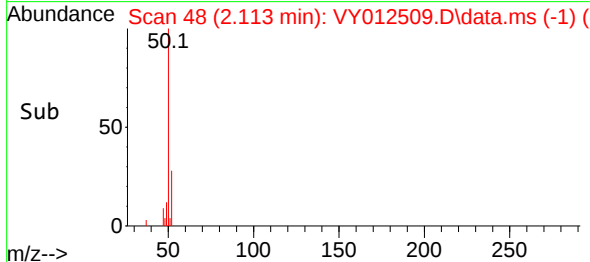
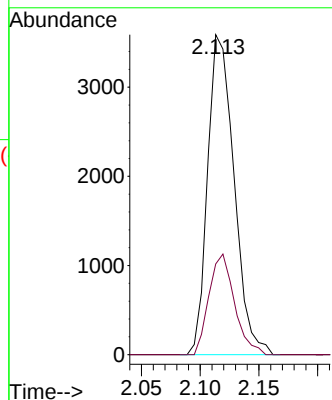
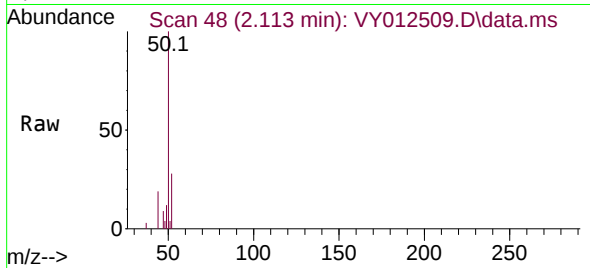




#3
Chloromethane
Concen: 5.581 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

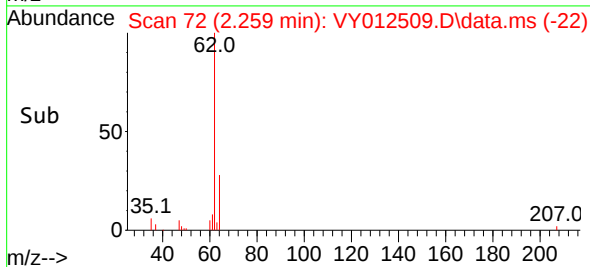
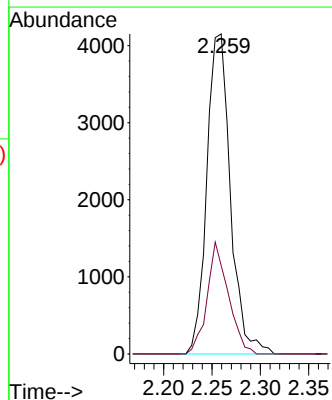
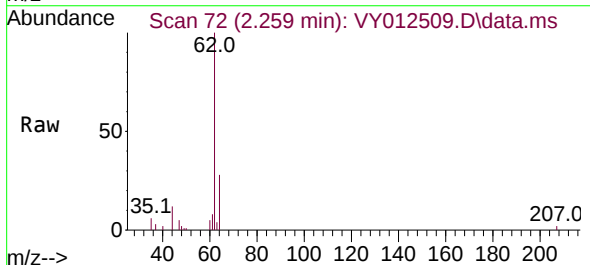
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

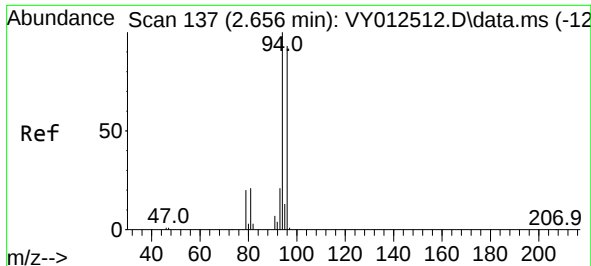
Tgt Ion: 50 Resp: 5616
Ion Ratio Lower Upper
50 100
52 28.4 25.8 38.6



#4
Vinyl Chloride
Concen: 5.625 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion: 62 Resp: 7052
Ion Ratio Lower Upper
62 100
64 27.7 26.1 39.1

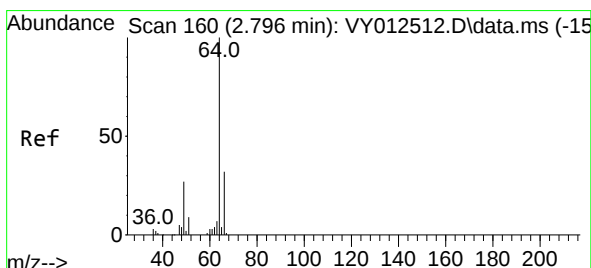
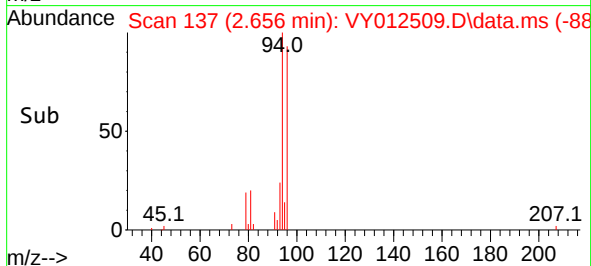
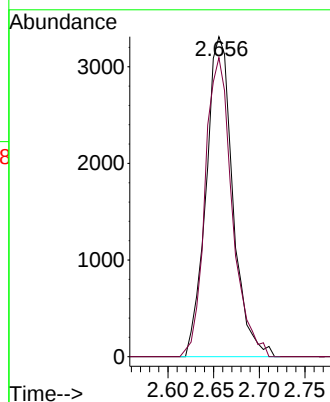
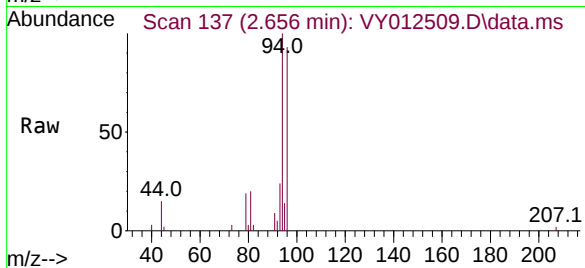




#5
Bromomethane
Concen: 4.755 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

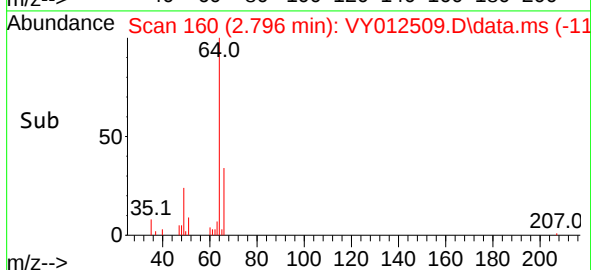
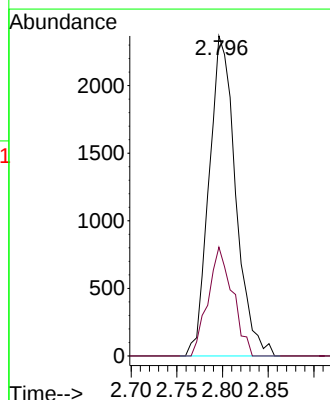
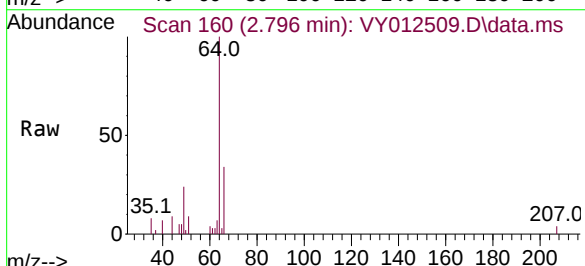
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

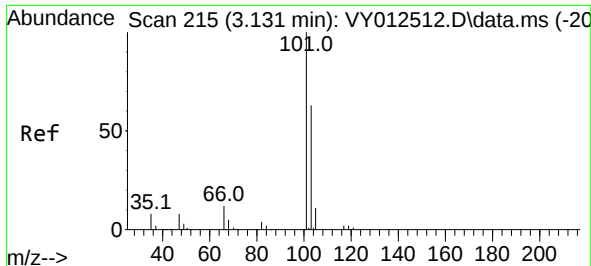
Tgt Ion: 94 Resp: 6742
Ion Ratio Lower Upper
94 100
96 93.4 74.7 112.1



#6
Chloroethane
Concen: 5.480 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion: 64 Resp: 4782
Ion Ratio Lower Upper
64 100
66 34.0 25.7 38.5

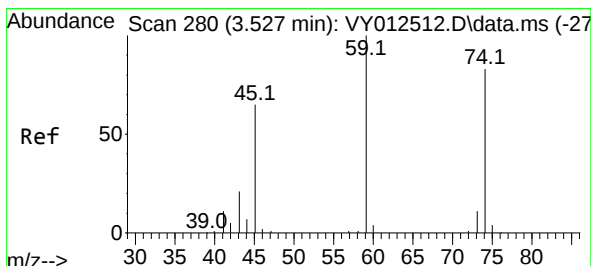
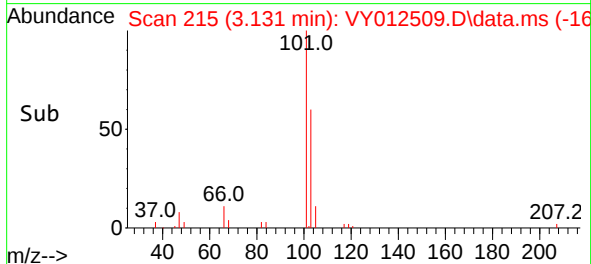
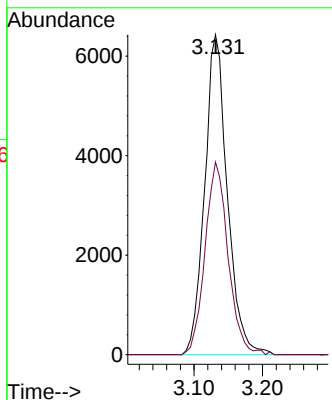
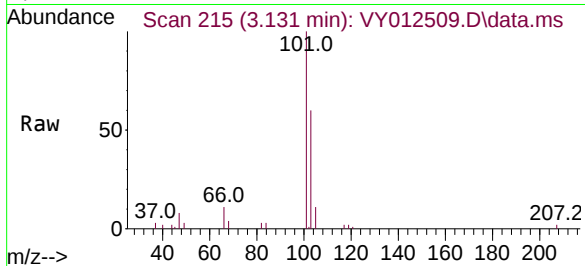




#7
 Trichlorofluoromethane
 Concen: 5.745 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY012509.D
 Acq: 07 Feb 2023 09:51

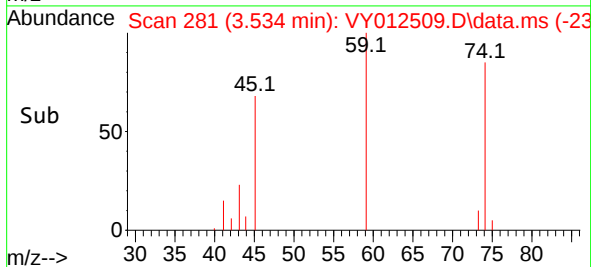
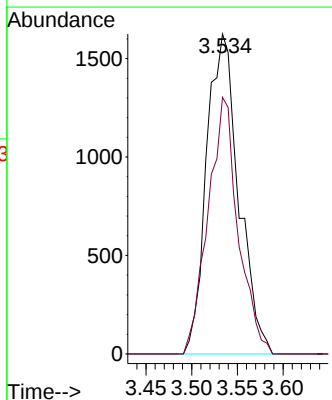
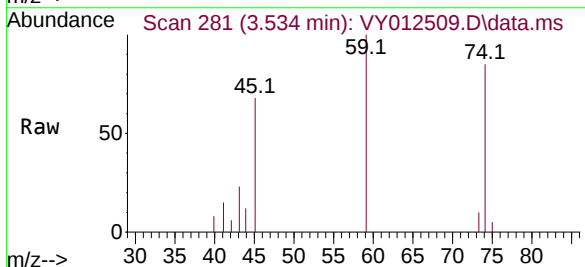
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

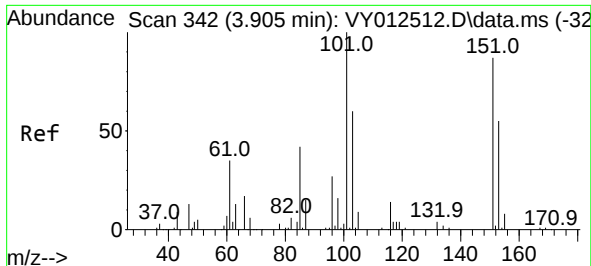
Tgt Ion:101 Resp: 14804
 Ion Ratio Lower Upper
 101 100
 103 60.2 50.1 75.1



#8
 Diethyl Ether
 Concen: 5.193 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.007 min
 Lab File: VY012509.D
 Acq: 07 Feb 2023 09:51

Tgt Ion: 74 Resp: 3968
 Ion Ratio Lower Upper
 74 100
 45 75.2 37.8 113.4

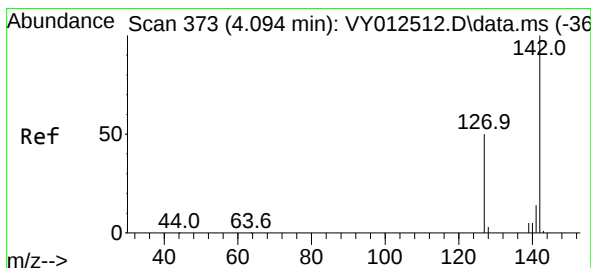
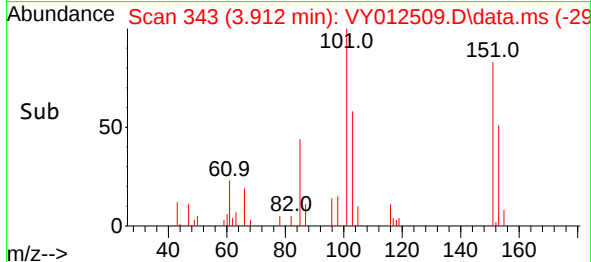
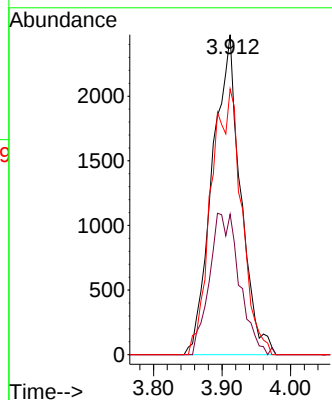
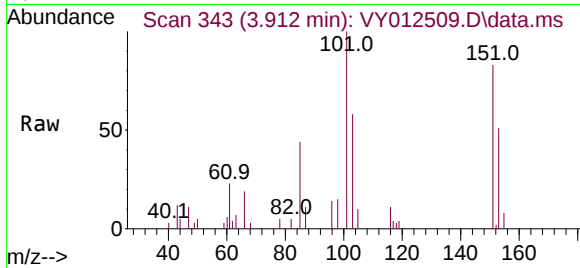




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.432 ug/l
RT: 3.912 min Scan# 34
Delta R.T. 0.007 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

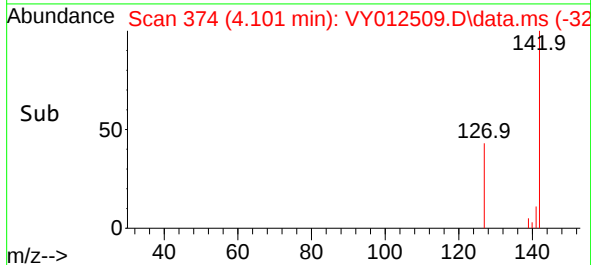
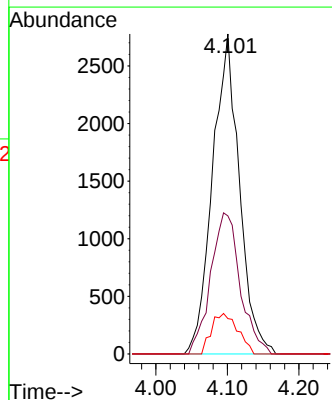
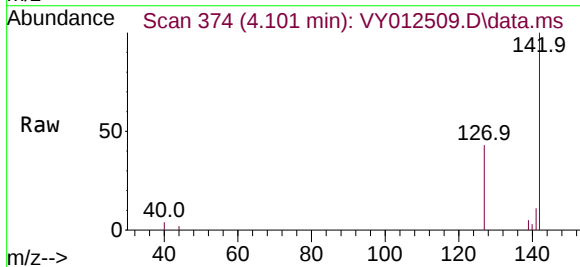
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

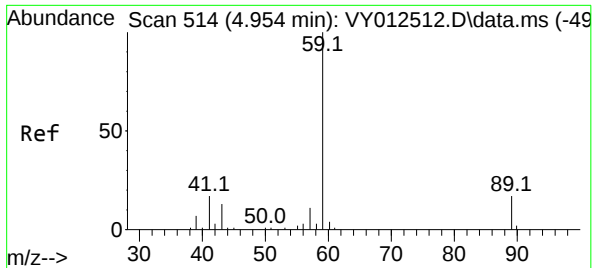
Tgt Ion:101 Resp: 7069
Ion Ratio Lower Upper
101 100
85 47.2 36.1 54.1
151 90.2 70.7 106.1



#10
Methyl Iodide
Concen: 4.293 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.007 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion:142 Resp: 7242
Ion Ratio Lower Upper
142 100
127 48.5 39.8 59.6
141 12.4 11.6 17.4

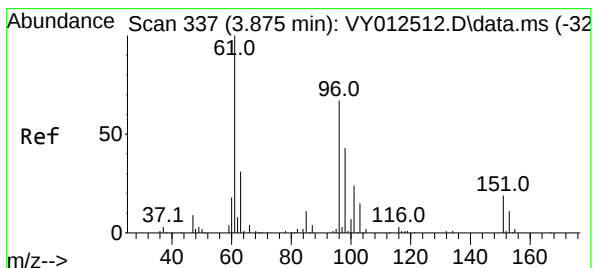
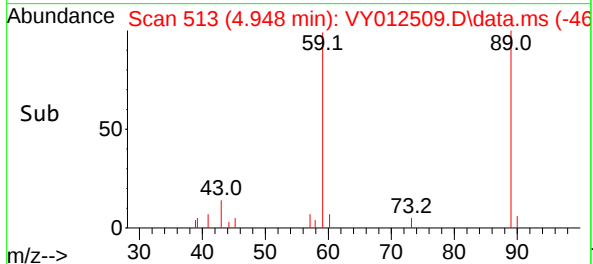
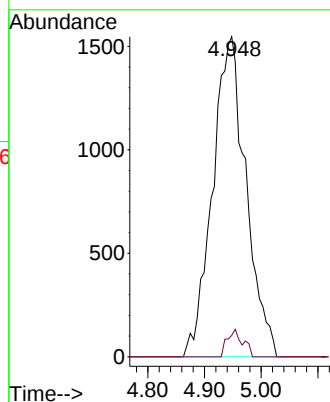
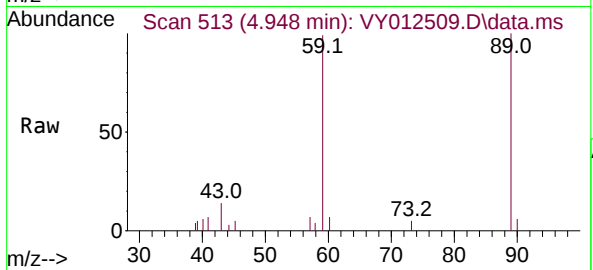




#11
Tert butyl alcohol
Concen: 31.996 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

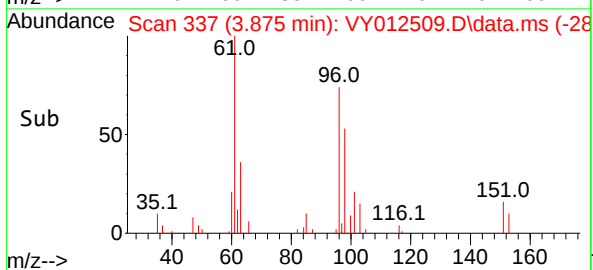
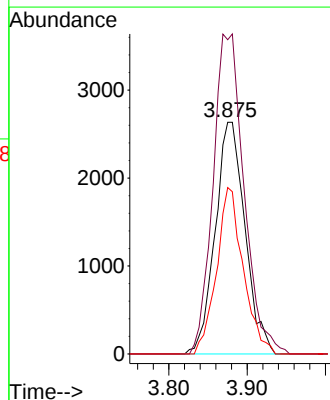
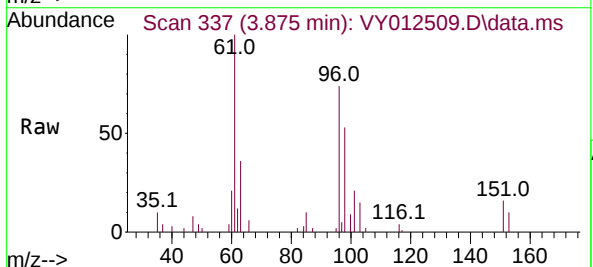
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

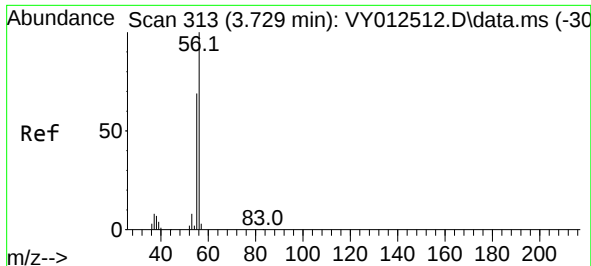
Tgt Ion: 59 Resp: 6327
Ion Ratio Lower Upper
59 100
57 4.0 7.2 10.8#



#12
1,1-Dichloroethene
Concen: 5.421 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion: 96 Resp: 6970
Ion Ratio Lower Upper
96 100
61 135.7 119.4 179.2
98 71.8 51.9 77.9





#13

Acrolein

Concen: 26.087 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

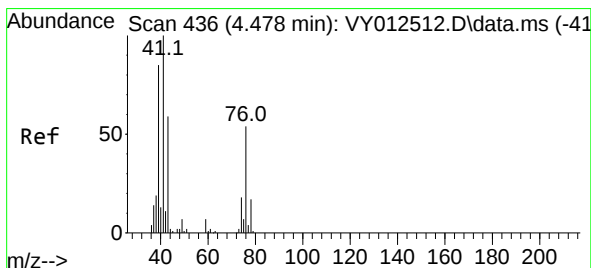
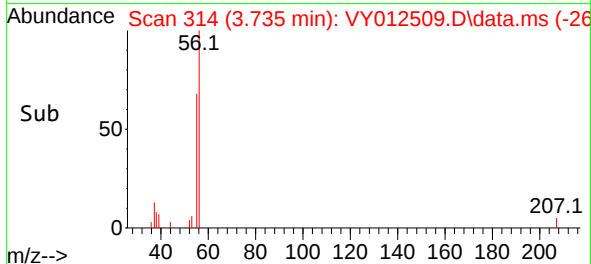
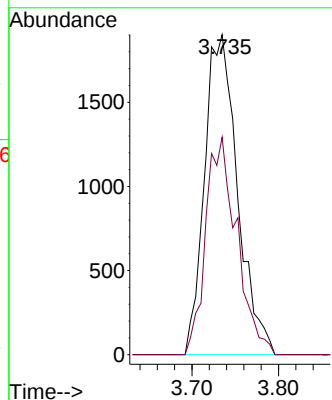
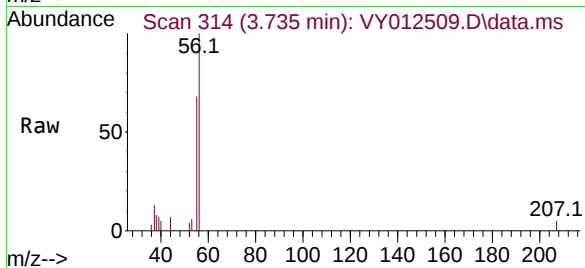
VSTDICC005

Tgt Ion: 56 Resp: 5037

Ion Ratio Lower Upper

56 100

55 63.8 57.0 85.4



#14

Allyl chloride

Concen: 5.176 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

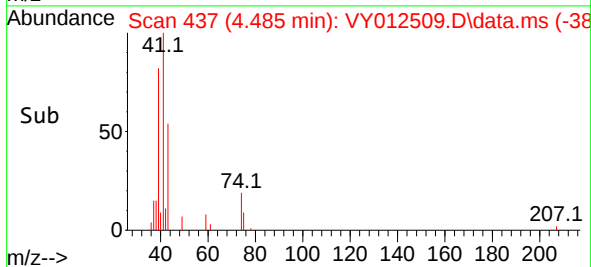
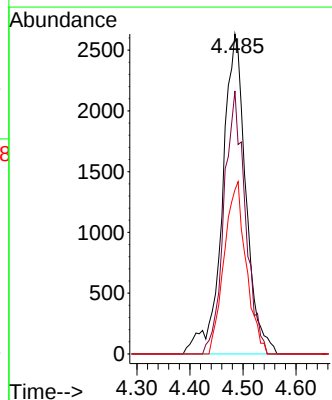
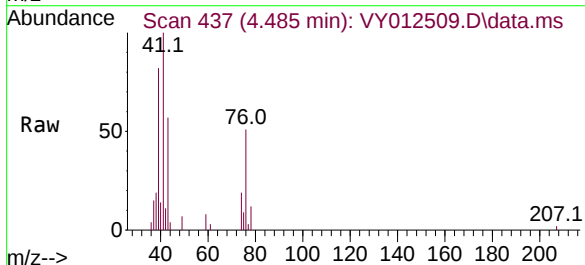
Tgt Ion: 41 Resp: 8115

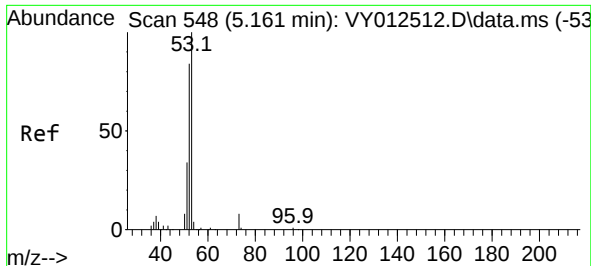
Ion Ratio Lower Upper

41 100

39 74.4 62.6 94.0

76 50.0 39.6 59.4

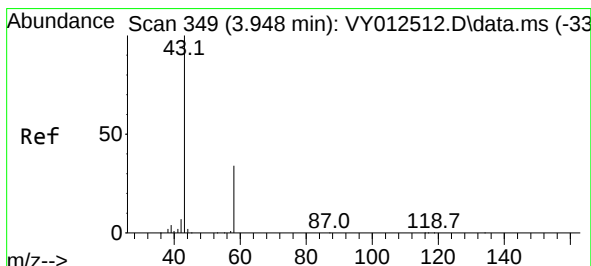
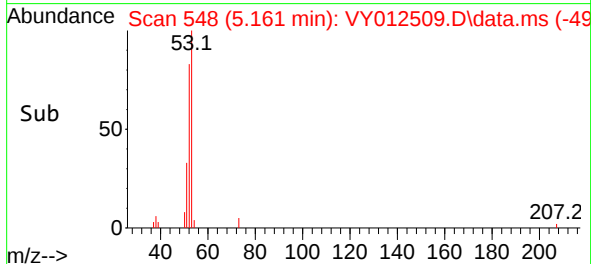
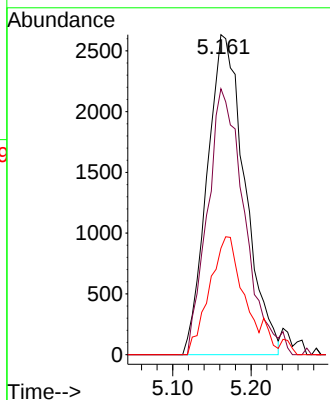
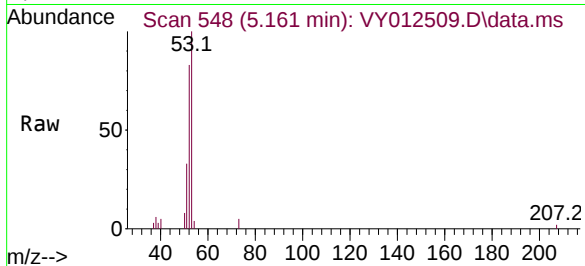




#15
Acrylonitrile
Concen: 24.961 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

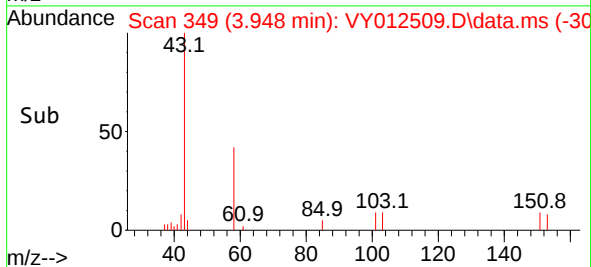
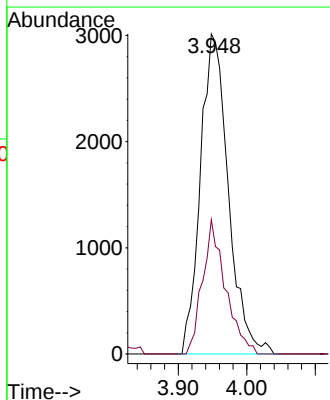
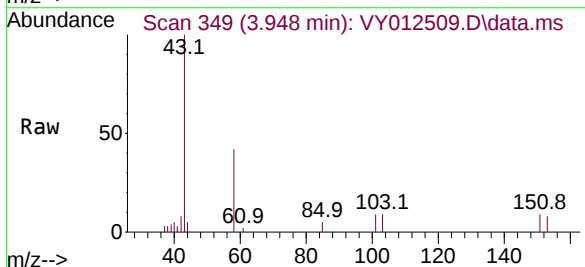
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

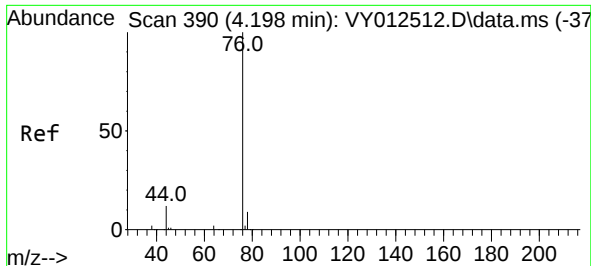
Tgt Ion: 53 Resp: 8800
Ion Ratio Lower Upper
53 100
52 81.4 65.0 97.4
51 35.2 28.7 43.1



#16
Acetone
Concen: 21.598 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion: 43 Resp: 8538
Ion Ratio Lower Upper
43 100
58 42.0 27.1 40.7#

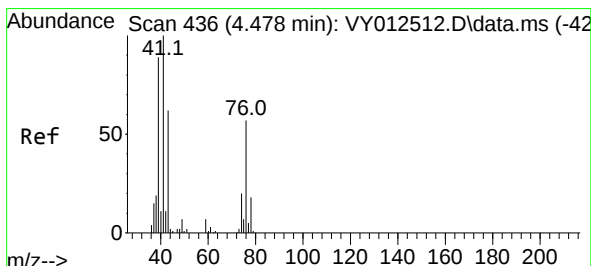
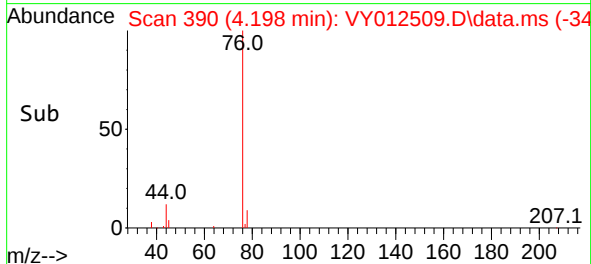
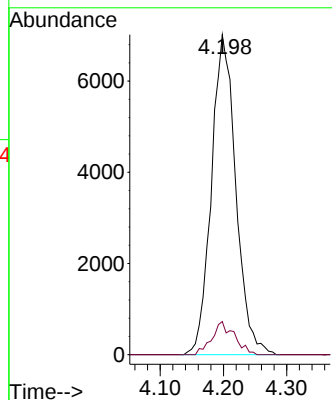
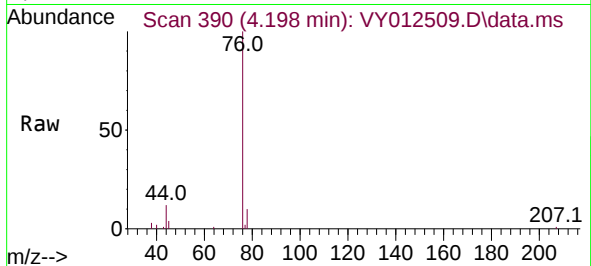




#17
Carbon Disulfide
Concen: 5.640 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

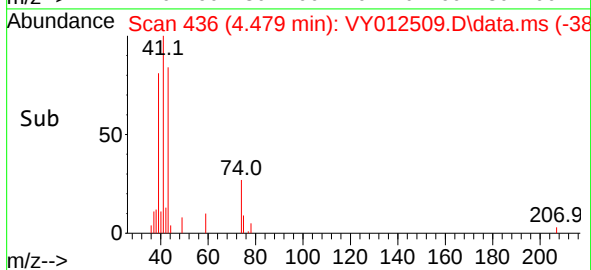
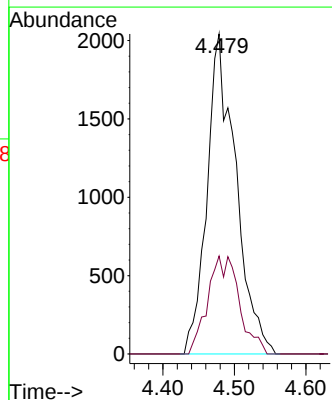
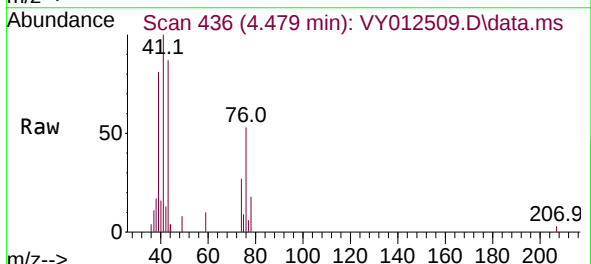
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

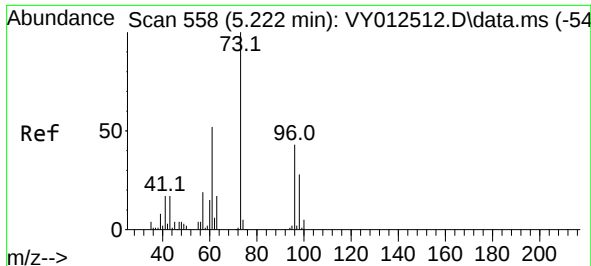
Tgt Ion: 76 Resp: 18809
Ion Ratio Lower Upper
76 100
78 10.4 6.9 10.3#



#18
Methyl Acetate
Concen: 6.007 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion: 43 Resp: 5708
Ion Ratio Lower Upper
43 100
74 18.0 25.6 38.4#

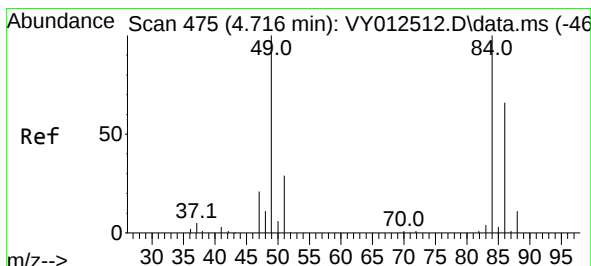
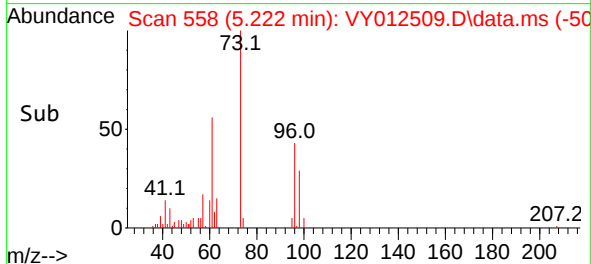
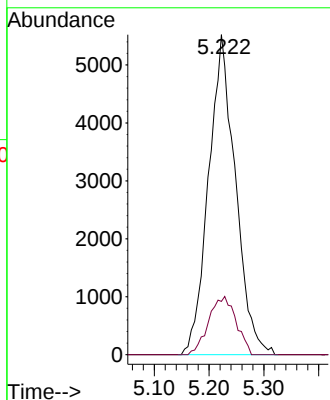
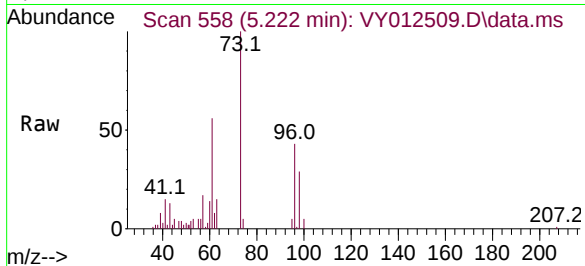




#19
Methyl tert-butyl Ether
Concen: 4.994 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

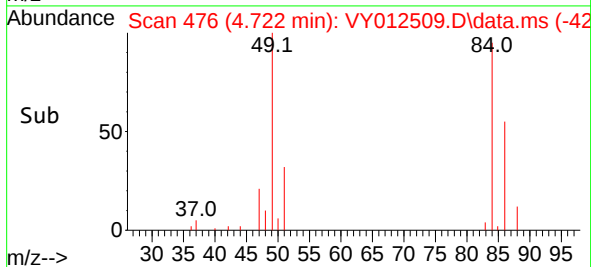
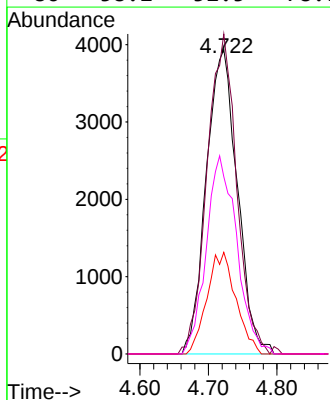
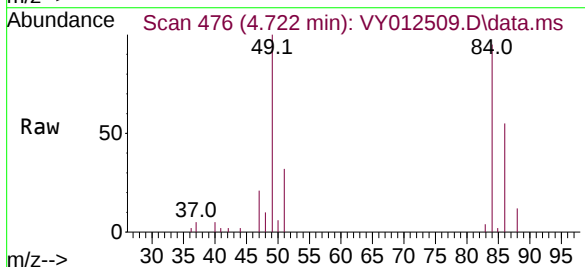
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

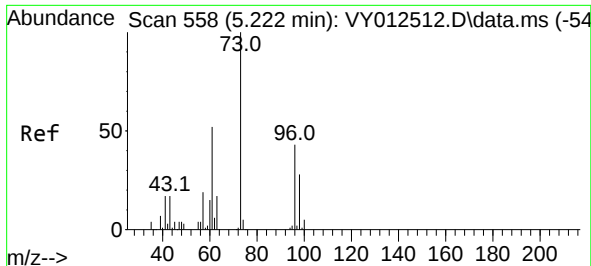
Tgt Ion: 73 Resp: 18792
Ion Ratio Lower Upper
73 100
57 16.7 15.3 22.9



#20
Methylene Chloride
Concen: 4.564 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion: 84 Resp: 12399
Ion Ratio Lower Upper
84 100
49 105.1 79.8 119.6
51 33.4 23.4 35.2
86 58.2 52.5 78.7

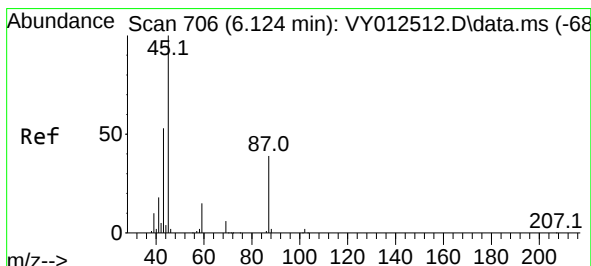
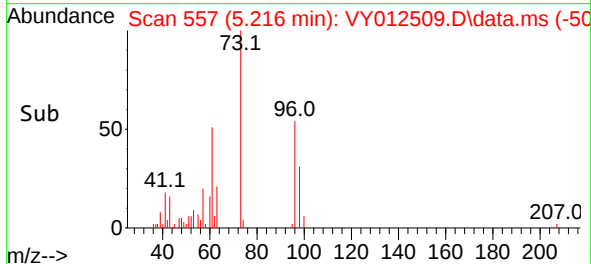
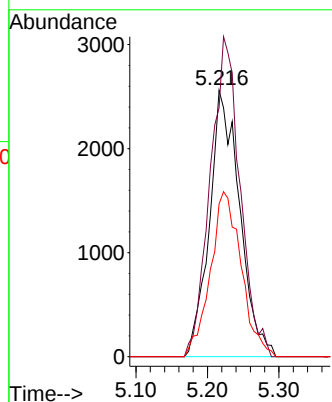
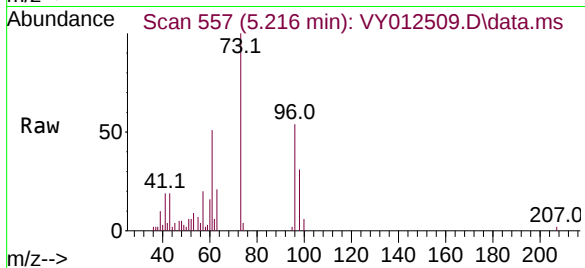




#21
trans-1,2-Dichloroethene
Concen: 5.356 ug/l
RT: 5.216 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

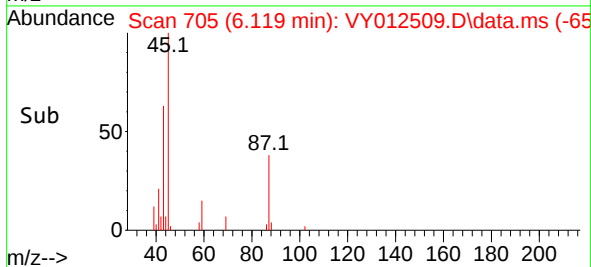
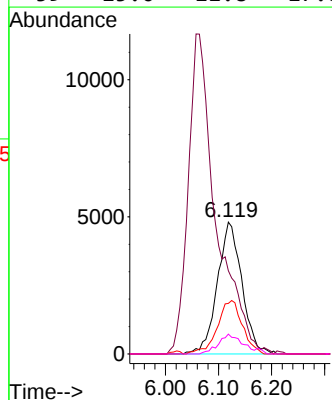
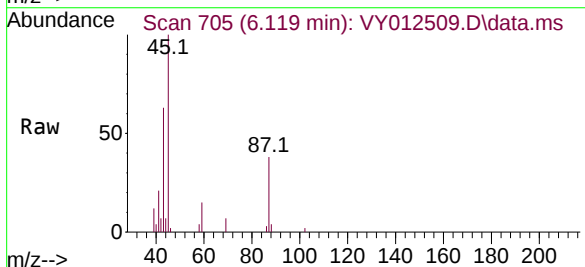
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

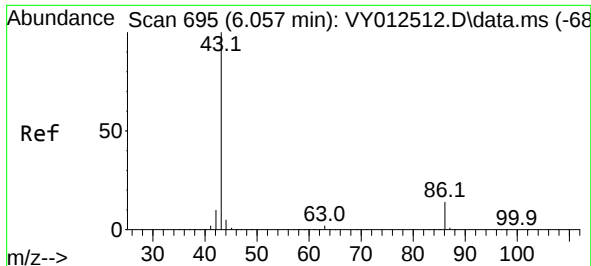
Tgt Ion: 96 Resp: 7511
Ion Ratio Lower Upper
96 100
61 93.4 96.2 144.4#
98 57.4 51.6 77.4



#22
Diisopropyl ether
Concen: 4.847 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion: 45 Resp: 15451
Ion Ratio Lower Upper
45 100
43 61.5 45.9 68.9
87 38.3 32.2 48.4
59 15.0 11.8 17.8

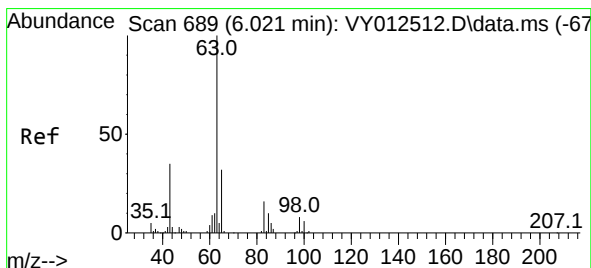
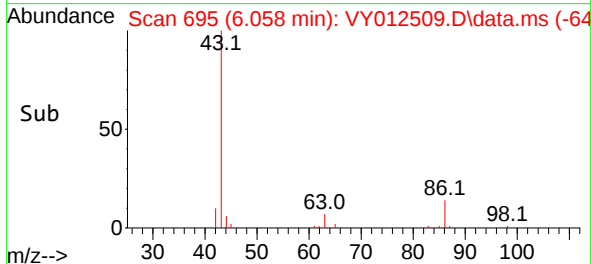
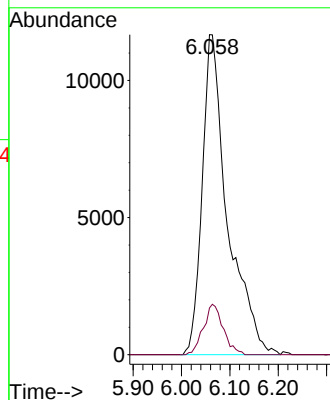
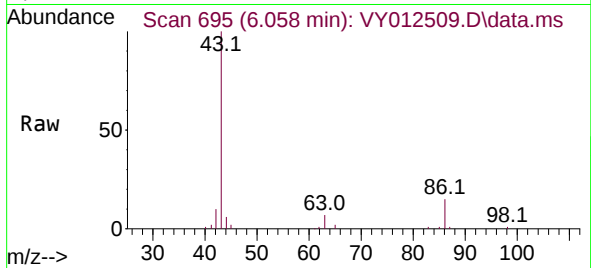




#23
 Vinyl Acetate
 Concen: 22.128 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY012509.D
 Acq: 07 Feb 2023 09:51

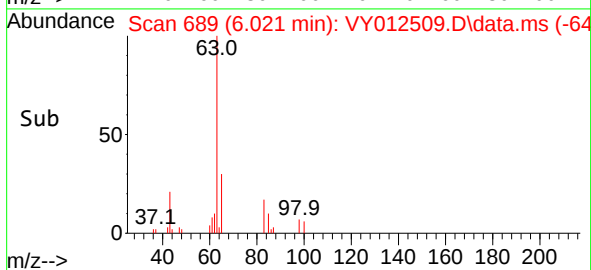
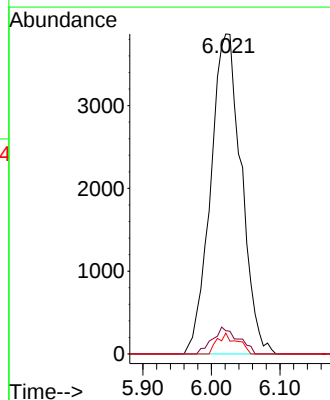
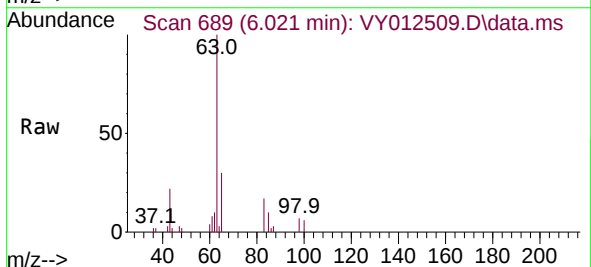
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

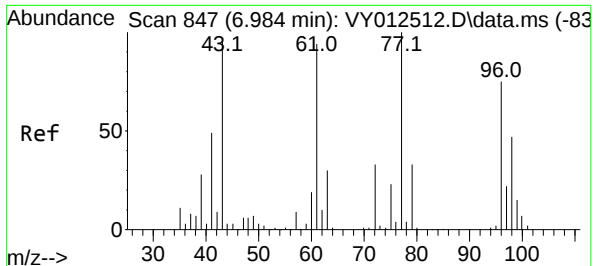
Tgt Ion: 43 Resp: 42526
 Ion Ratio Lower Upper
 43 100
 86 14.6 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 5.275 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY012509.D
 Acq: 07 Feb 2023 09:51

Tgt Ion: 63 Resp: 12021
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.1 12.3
 100 6.5 2.9 8.8





#25

2-Butanone

Concen: 23.522 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

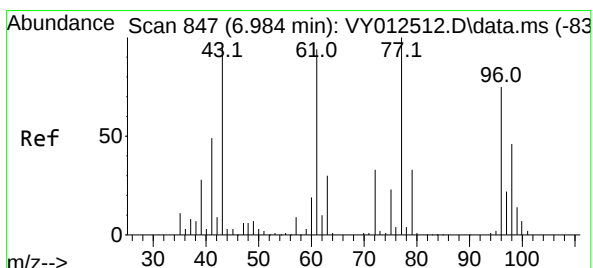
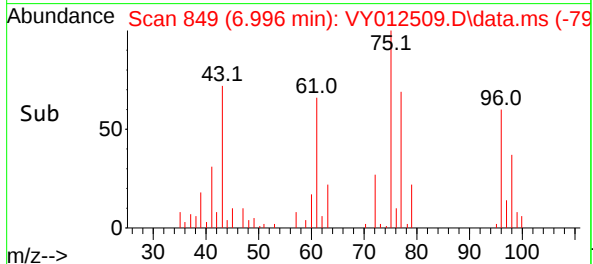
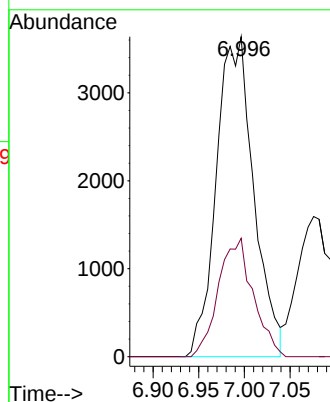
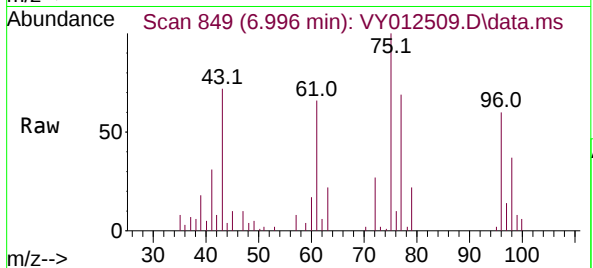
VSTDIC005

Tgt Ion: 43 Resp: 10317

Ion Ratio Lower Upper

43 100

72 37.0 27.4 41.2



#26

2,2-Dichloropropane

Concen: 5.466 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012509.D

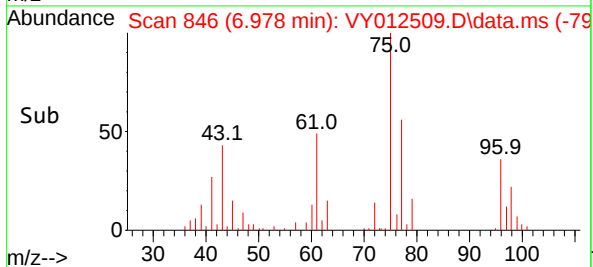
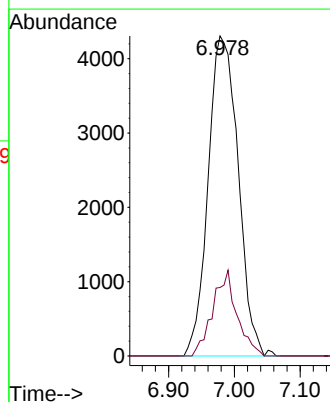
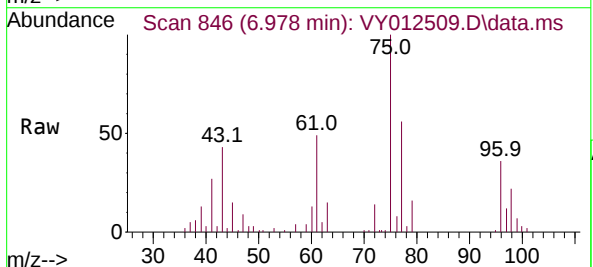
Acq: 07 Feb 2023 09:51

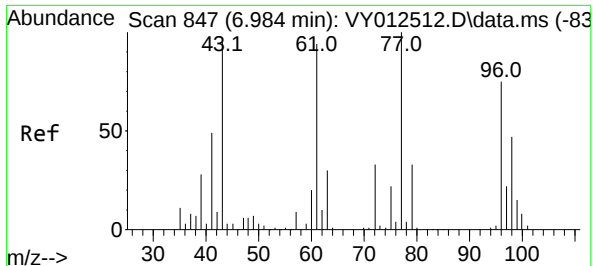
Tgt Ion: 77 Resp: 13685

Ion Ratio Lower Upper

77 100

97 21.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 5.272 ug/l

RT: 6.996 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

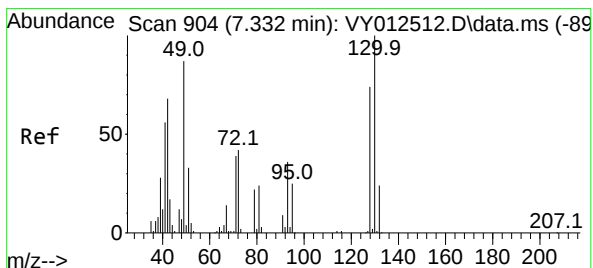
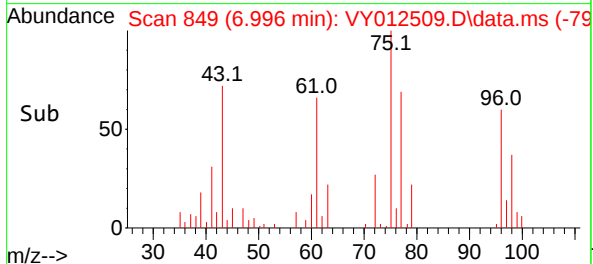
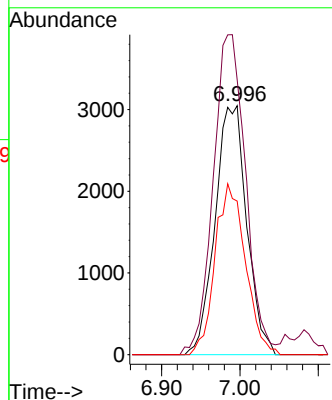
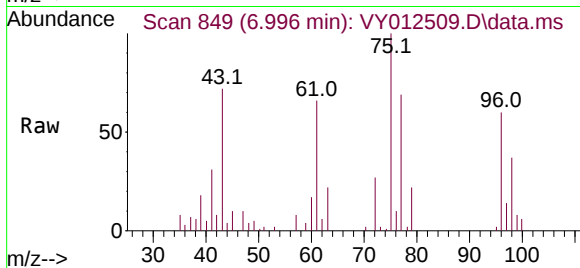
Tgt Ion: 96 Resp: 8579

Ion Ratio Lower Upper

96 100

61 131.3 0.0 259.2

98 65.6 0.0 129.0



#28

Bromochloromethane

Concen: 3.879 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

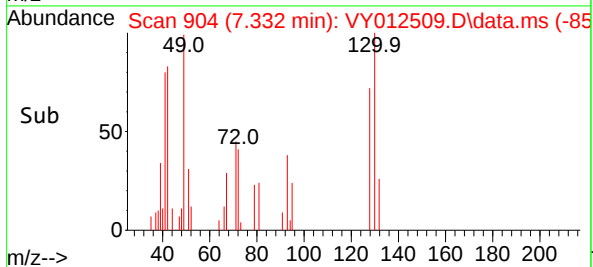
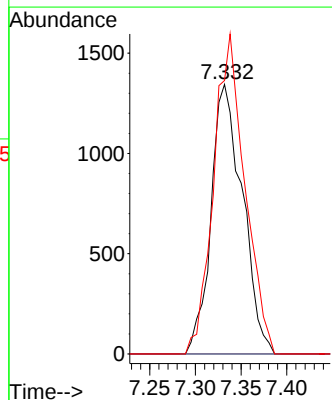
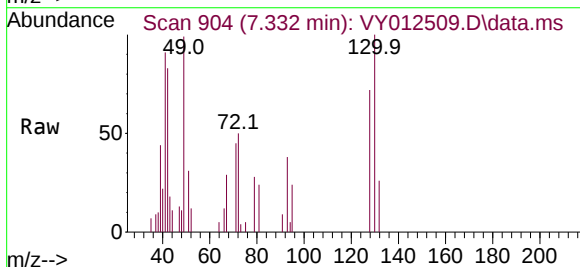
Tgt Ion: 49 Resp: 3213

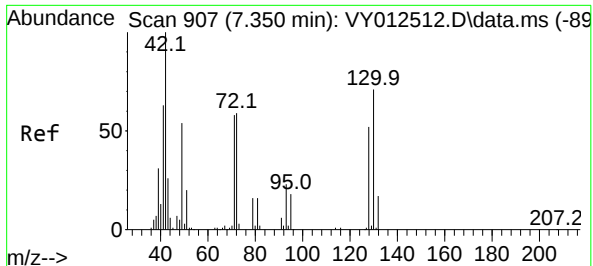
Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.0

130 118.3 93.1 139.7





#29

Tetrahydrofuran

Concen: 24.178 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

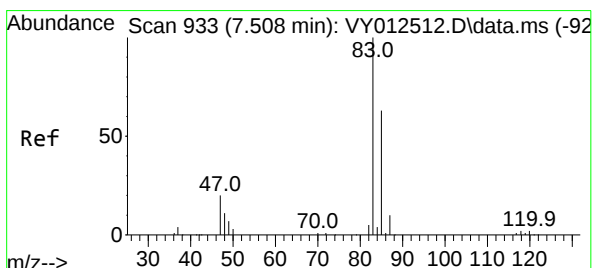
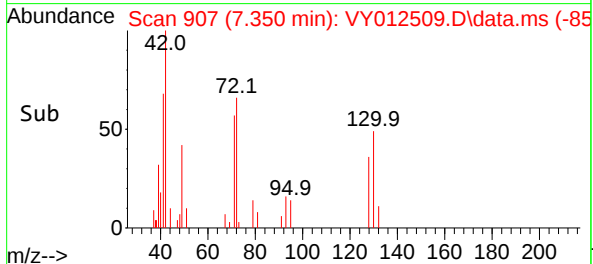
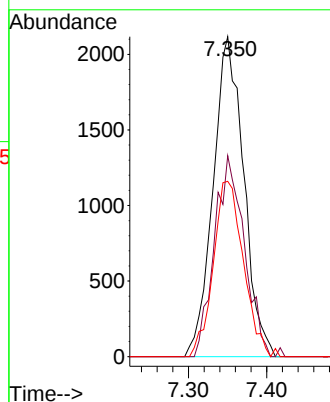
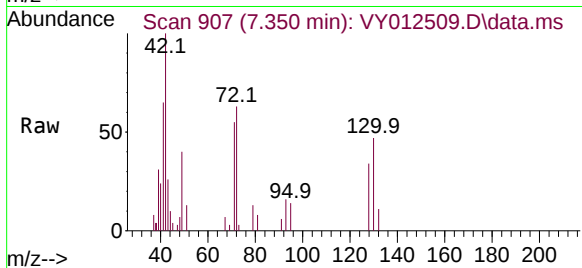
Tgt Ion: 42 Resp: 5733

Ion Ratio Lower Upper

42 100

72 61.2 47.0 70.6

71 54.2 44.6 66.8



#30

Chloroform

Concen: 5.494 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY012509.D

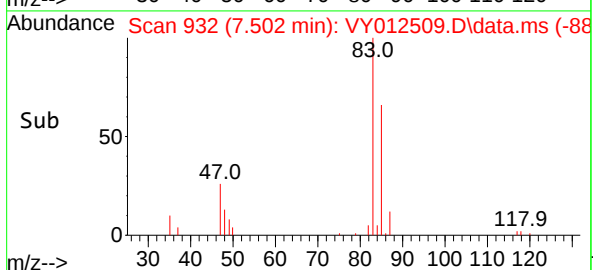
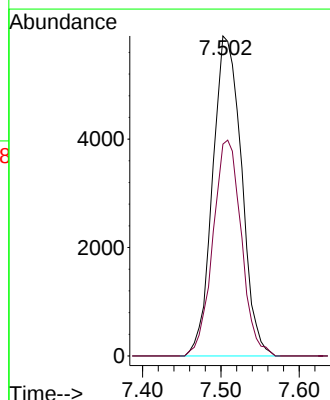
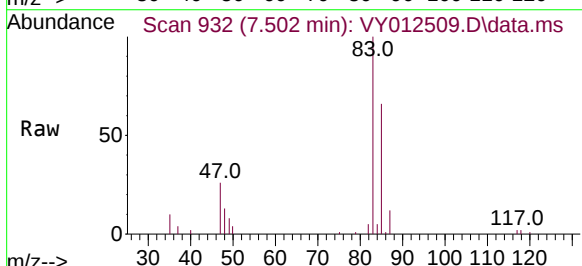
Acq: 07 Feb 2023 09:51

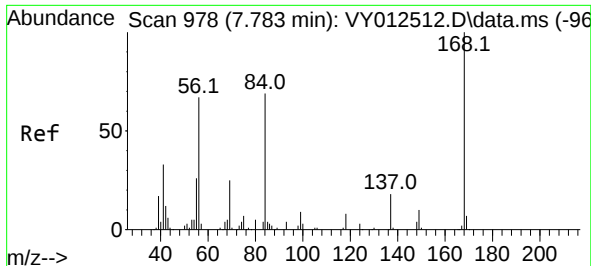
Tgt Ion: 83 Resp: 15094

Ion Ratio Lower Upper

83 100

85 66.2 50.8 76.2

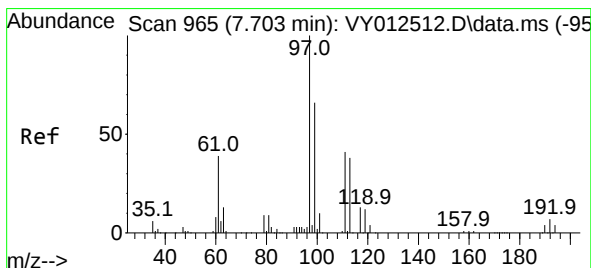
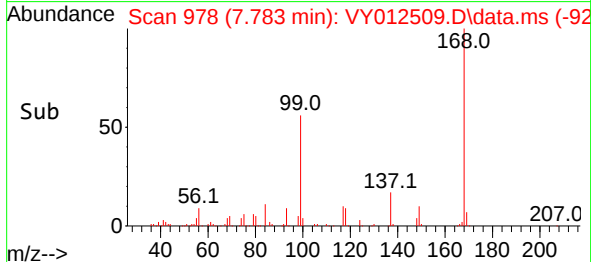
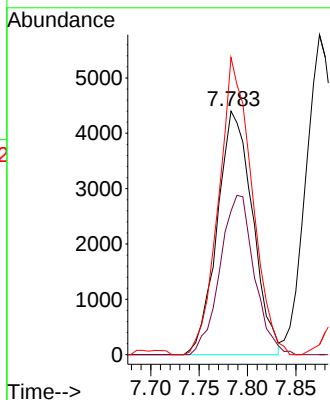
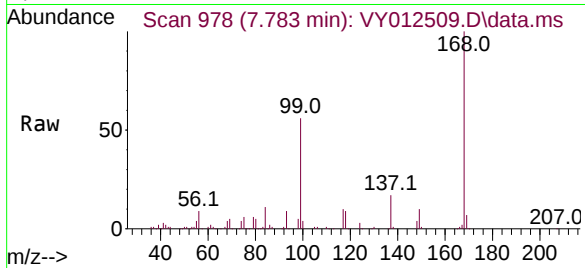




#31
Cyclohexane
Concen: 5.878 ug/l
RT: 7.783 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

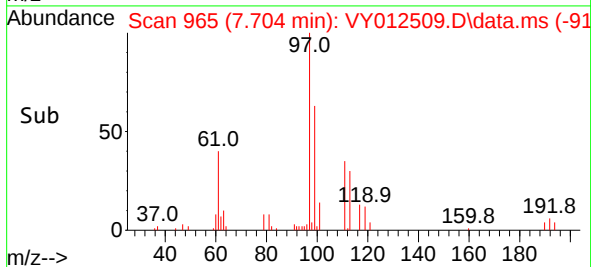
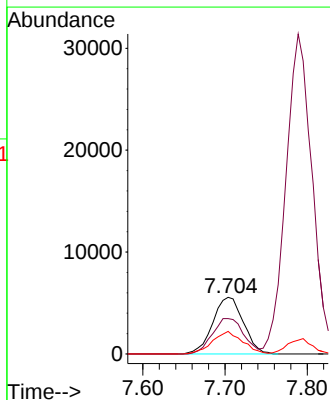
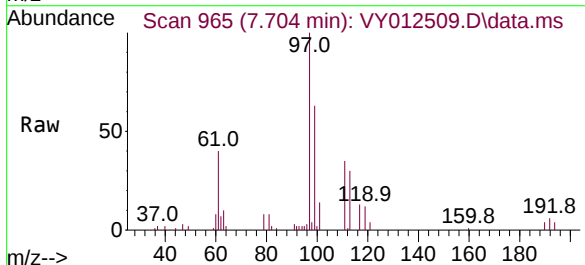
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

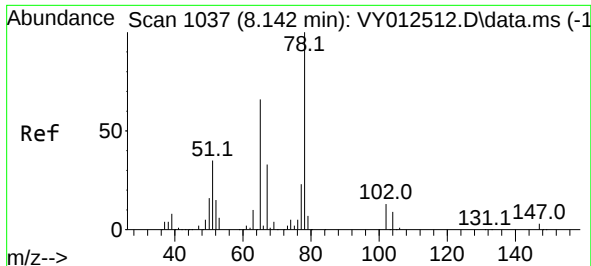
Tgt Ion: 56 Resp: 11163
Ion Ratio Lower Upper
56 100
69 58.9 29.5 44.3#
84 122.1 81.9 122.9



#32
1,1,1-Trichloroethane
Concen: 5.396 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion: 97 Resp: 14386
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 39.3 30.5 45.7

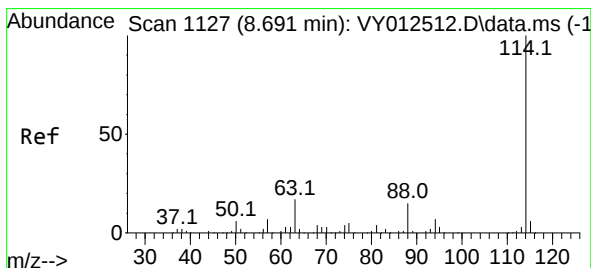
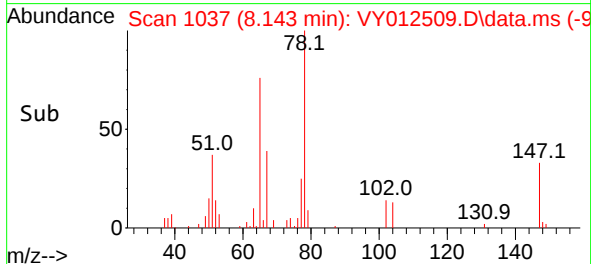
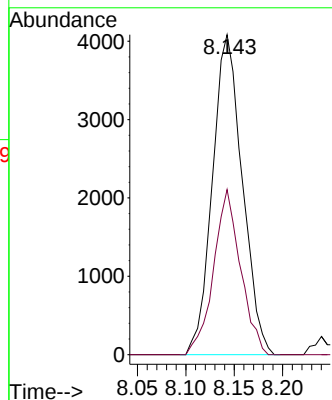
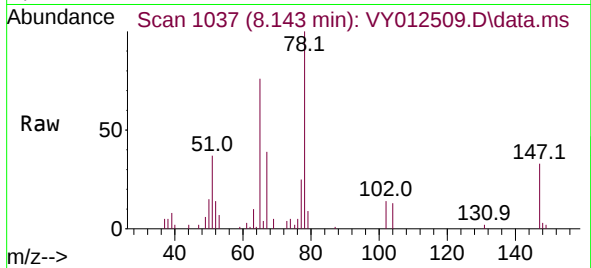




#33
 1,2-Dichloroethane-d4
 Concen: 5.336 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY012509.D
 Acq: 07 Feb 2023 09:51

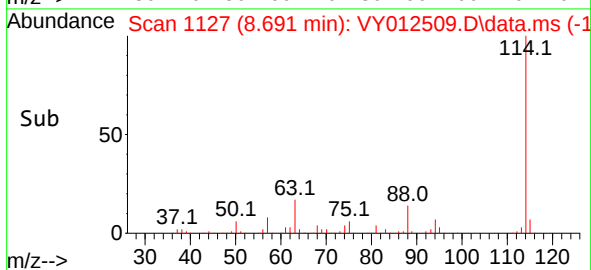
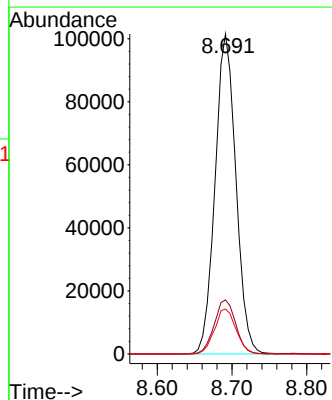
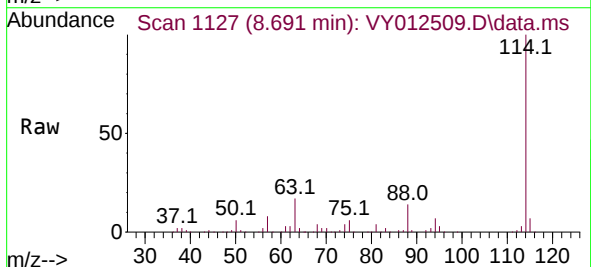
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

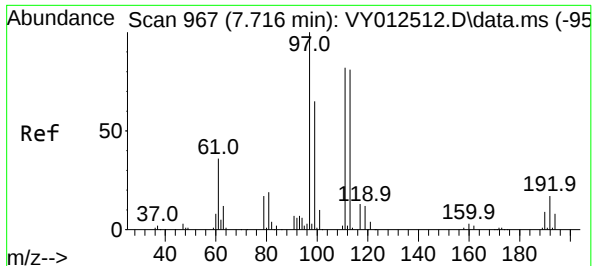
Tgt Ion: 65 Resp: 8764
 Ion Ratio Lower Upper
 65 100
 67 46.5 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012509.D
 Acq: 07 Feb 2023 09:51

Tgt Ion: 114 Resp: 196642
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 33.6
 88 14.1 0.0 29.8

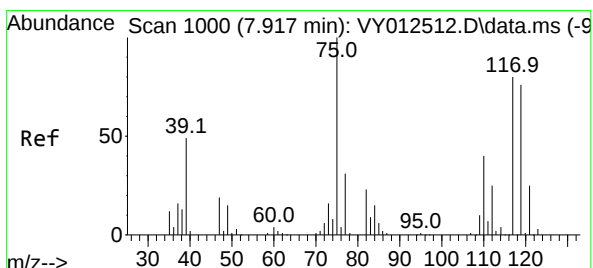
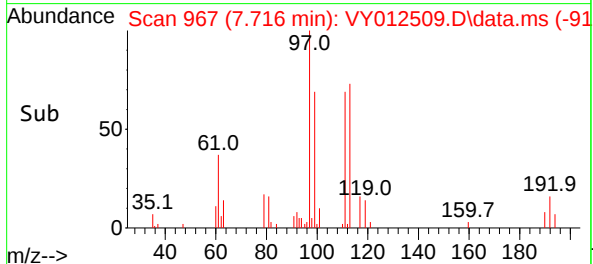
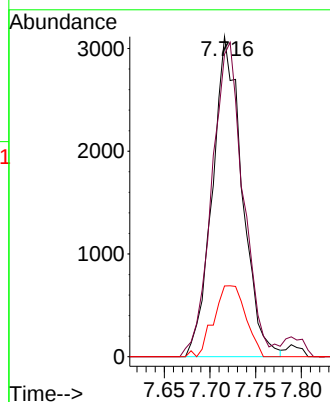
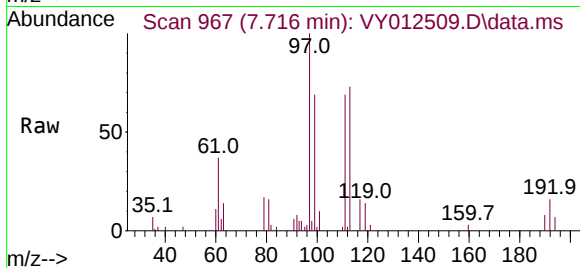




#35
Dibromofluoromethane
Concen: 4.938 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

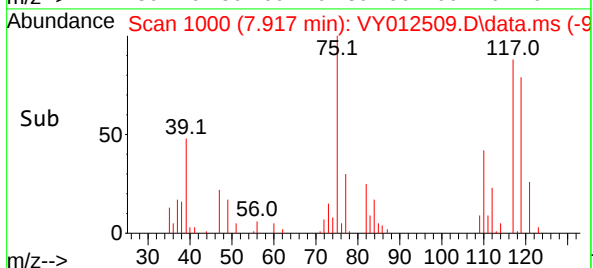
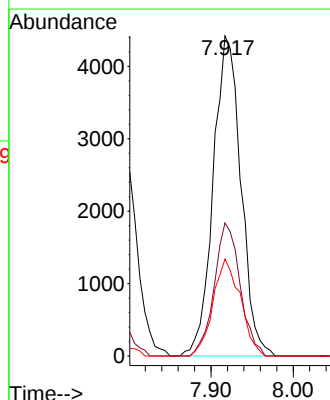
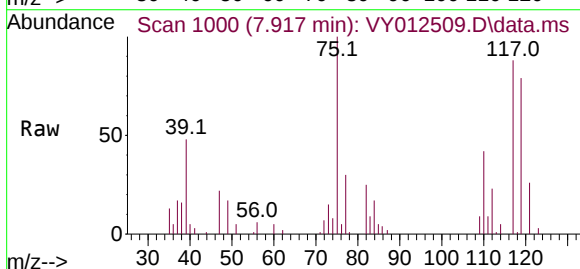
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

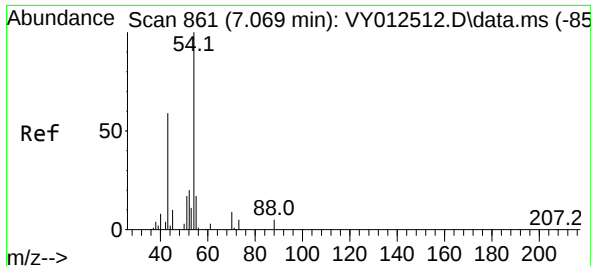
Tgt Ion:113 Resp: 7072
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 23.6 17.5 26.3



#36
1,1-Dichloropropene
Concen: 5.329 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion: 75 Resp: 10329
Ion Ratio Lower Upper
75 100
110 38.9 19.5 58.5
77 29.9 24.9 37.3





#37

Ethyl Acetate

Concen: 5.084 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

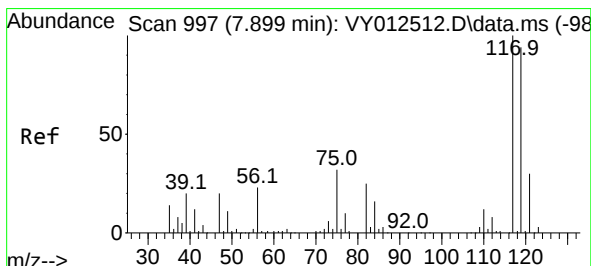
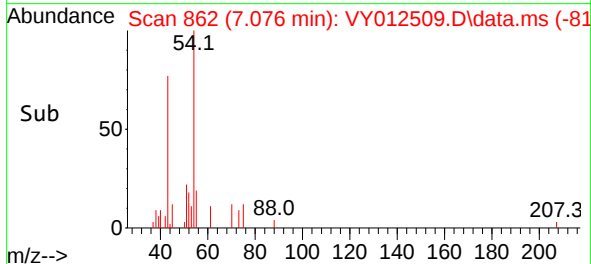
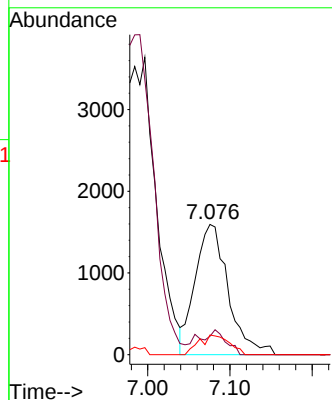
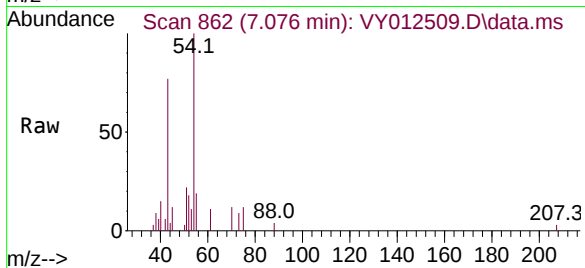
Tgt Ion: 43 Resp: 4446

Ion Ratio Lower Upper

43 100

61 9.6 12.5 18.7#

70 13.7 11.0 16.4



#38

Carbon Tetrachloride

Concen: 5.475 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

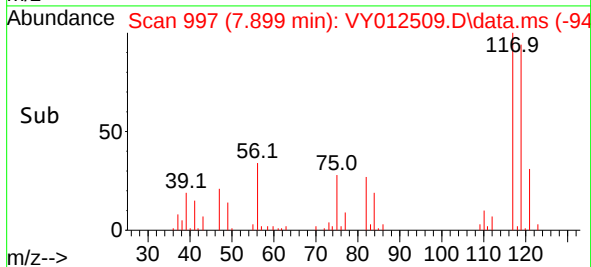
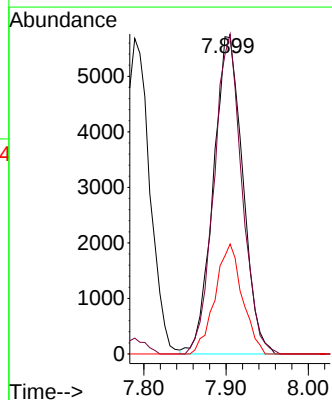
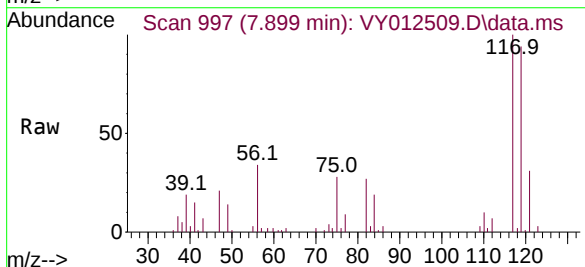
Tgt Ion: 117 Resp: 14244

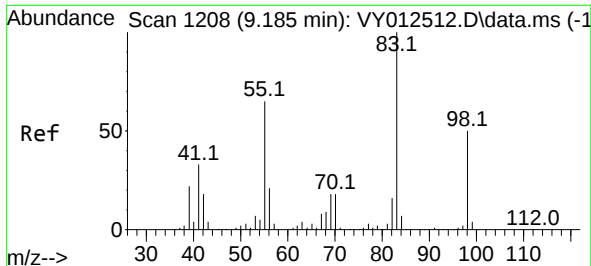
Ion Ratio Lower Upper

117 100

119 94.5 75.1 112.7

121 31.0 24.3 36.5





#39

Methylcyclohexane

Concen: 5.259 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

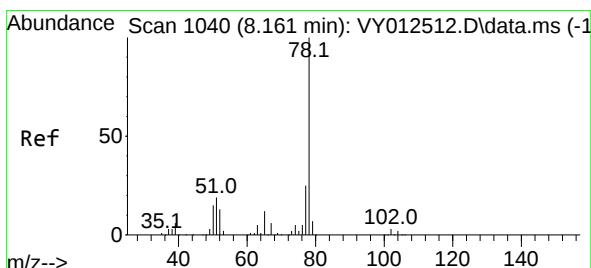
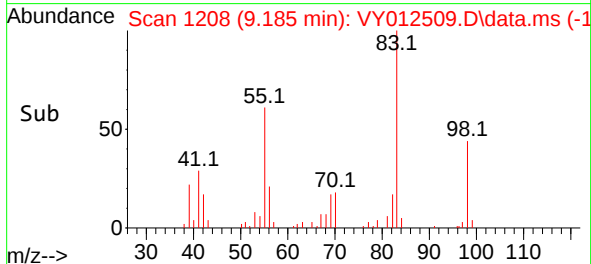
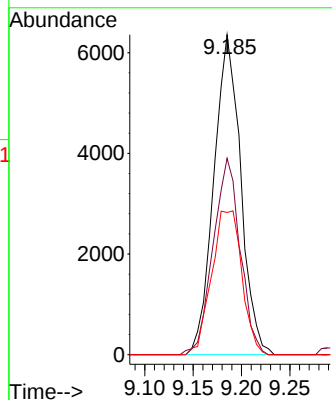
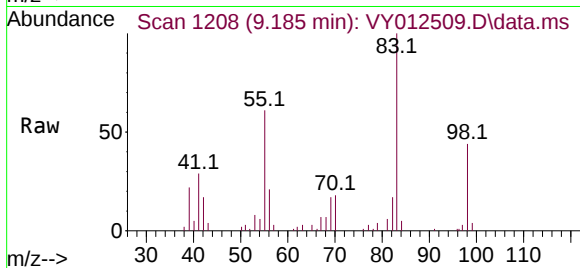
Tgt Ion: 83 Resp: 12265

Ion Ratio Lower Upper

83 100

55 61.3 52.0 78.0

98 44.4 40.4 60.6



#40

Benzene

Concen: 5.168 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY012509.D

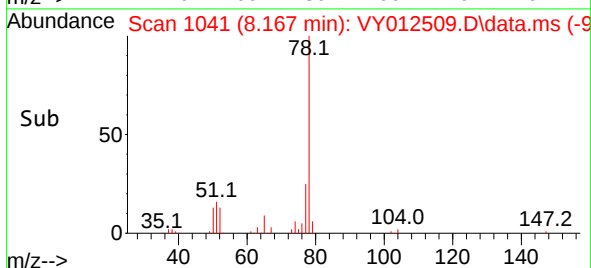
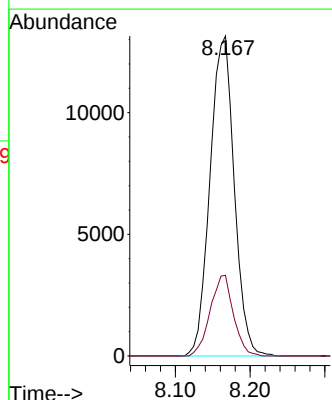
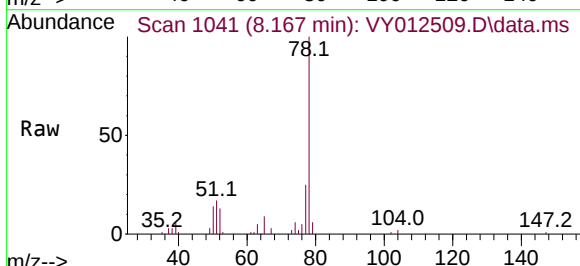
Acq: 07 Feb 2023 09:51

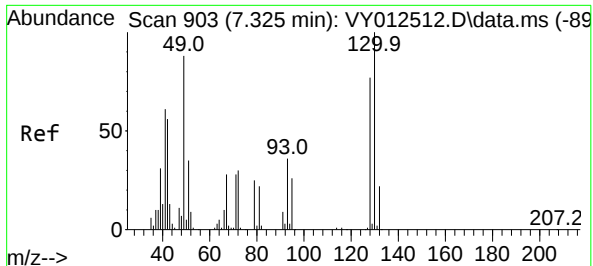
Tgt Ion: 78 Resp: 29587

Ion Ratio Lower Upper

78 100

77 25.2 19.9 29.9

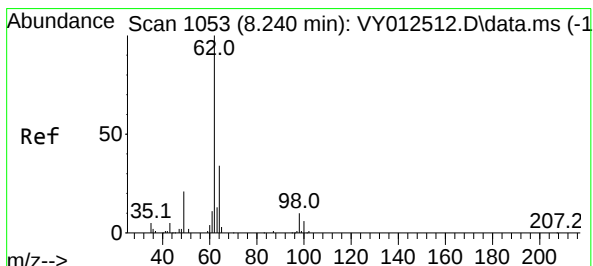
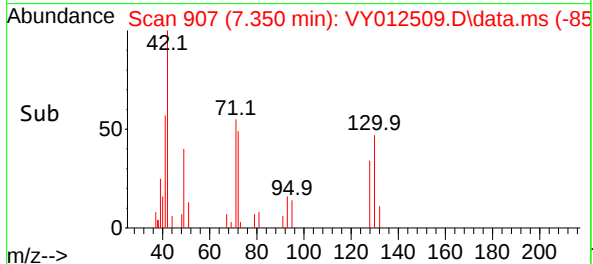
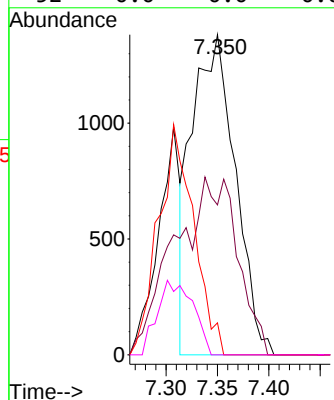
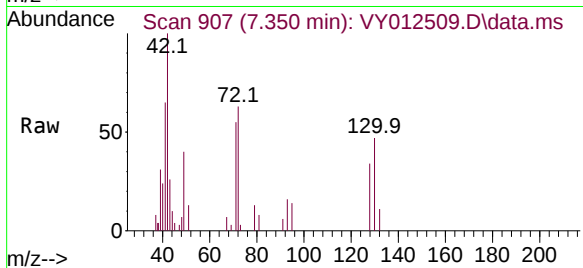




#41
Methacrylonitrile
Concen: 8.438 ug/l
RT: 7.350 min Scan# 903
Delta R.T. 0.025 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

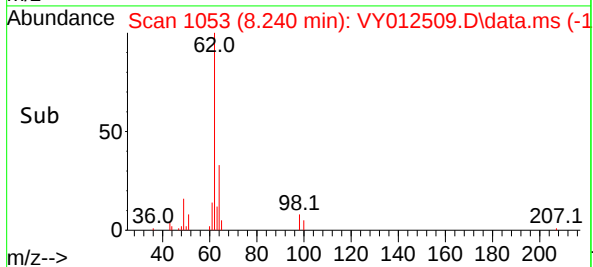
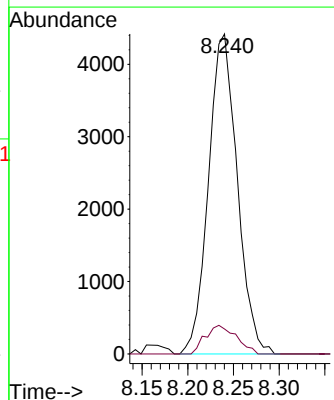
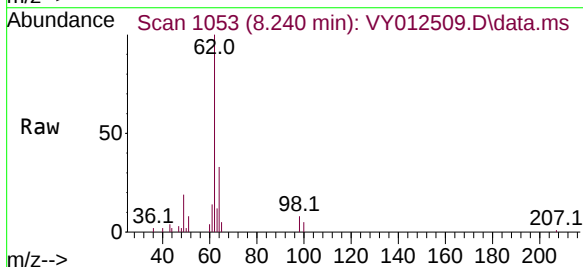
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

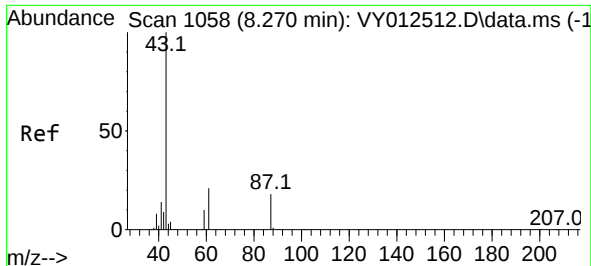
Tgt Ion:	41	Resp:	4042
Ion	Ratio	Lower	Upper
41	100		
39	80.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 5.208 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion:	62	Resp:	9663
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2

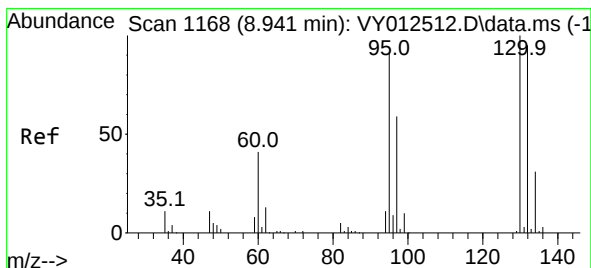
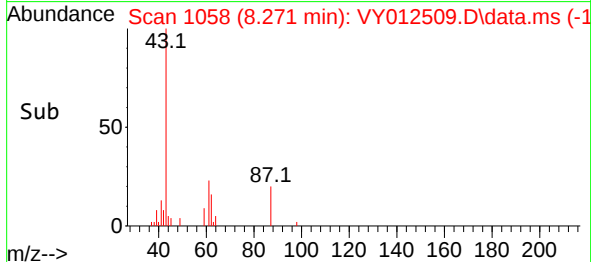
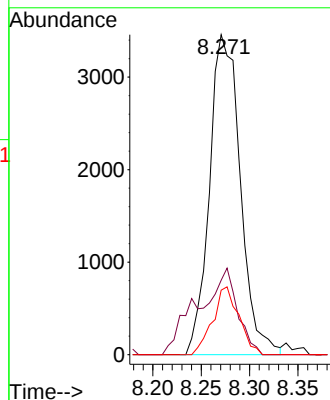
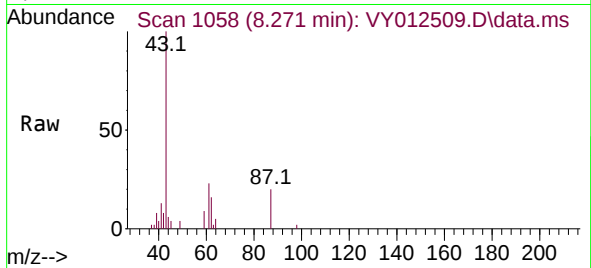




#43
Isopropyl Acetate
Concen: 4.733 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

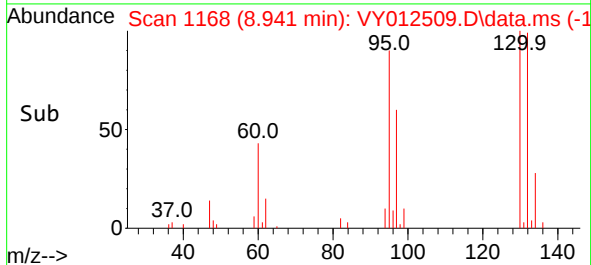
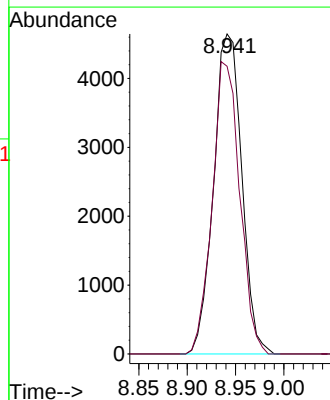
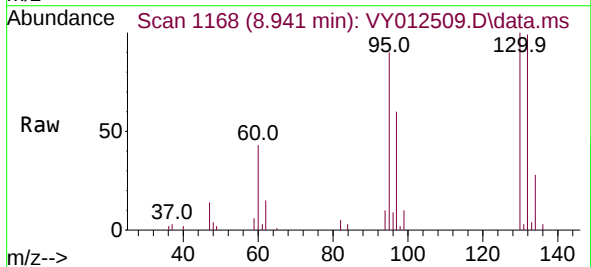
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

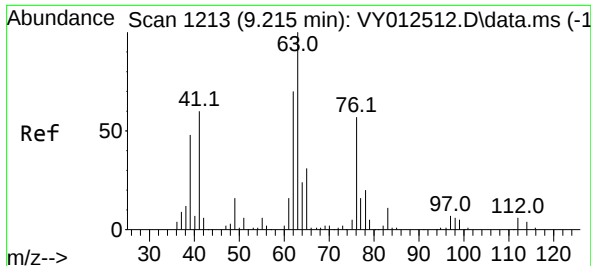
Tgt Ion: 43 Resp: 7675
Ion Ratio Lower Upper
43 100
61 21.6 27.2 40.8#
87 18.0 15.0 22.4



#44
Trichloroethene
Concen: 5.398 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion: 130 Resp: 9407
Ion Ratio Lower Upper
130 100
95 89.9 0.0 181.2





#45

1,2-Dichloropropane

Concen: 5.144 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

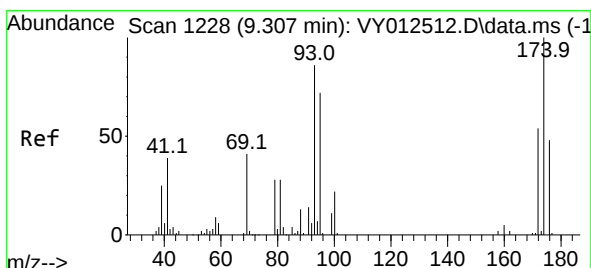
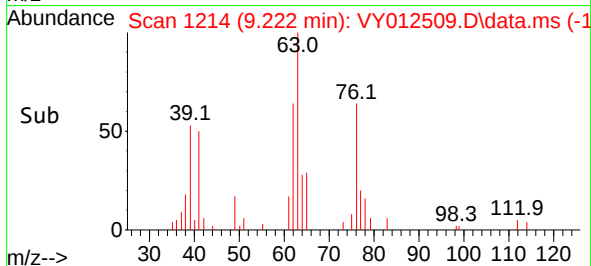
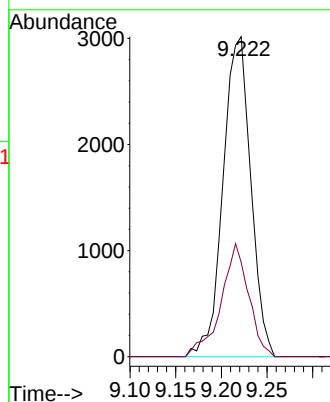
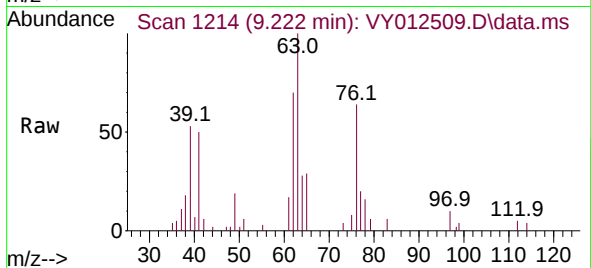
VSTDIC005

Tgt Ion: 63 Resp: 6385

Ion Ratio Lower Upper

63 100

65 29.5 24.6 37.0



#46

Dibromomethane

Concen: 5.259 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

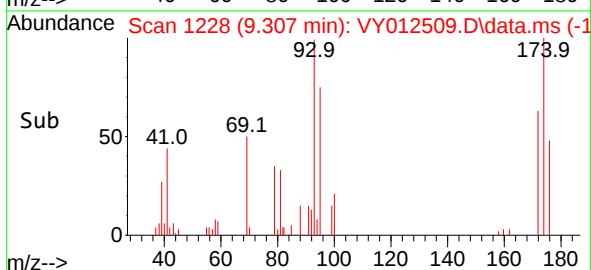
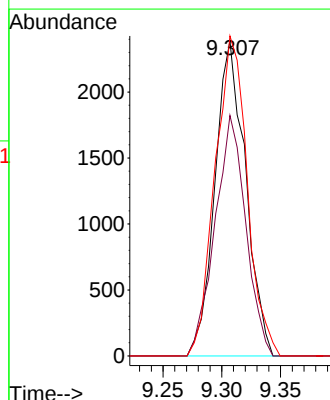
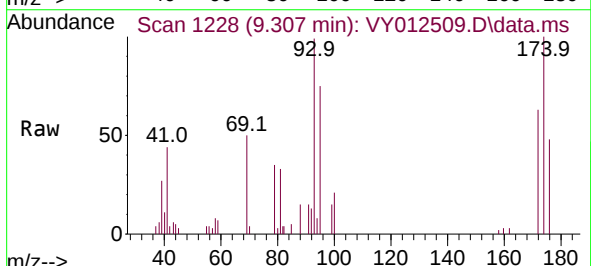
Tgt Ion: 93 Resp: 4322

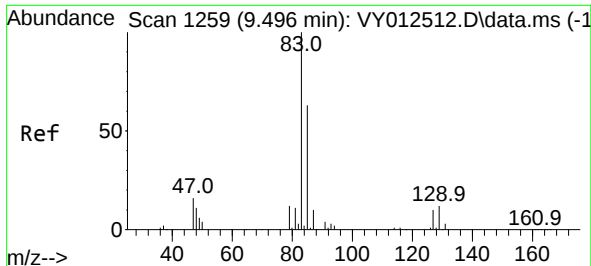
Ion Ratio Lower Upper

93 100

95 76.7 65.8 98.8

174 106.5 93.4 140.2

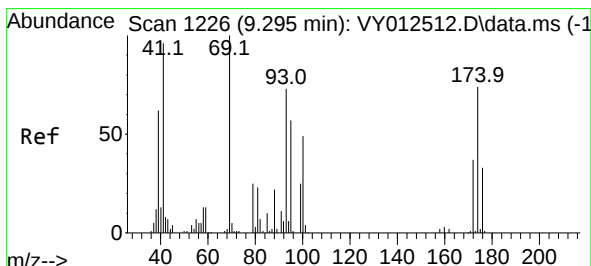
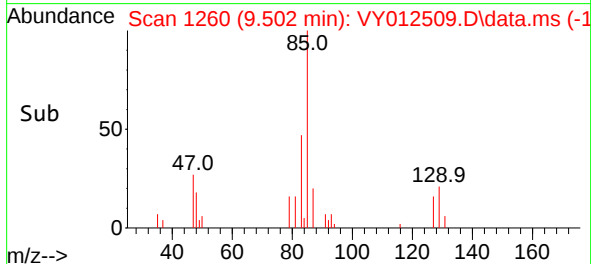
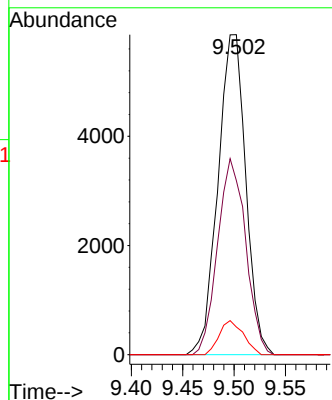
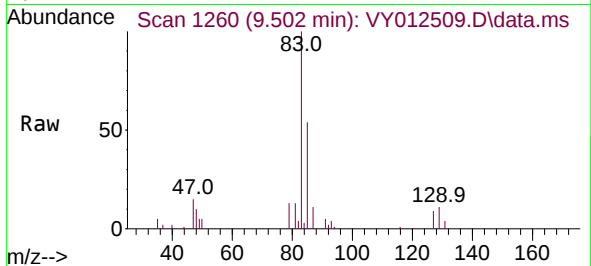




#47
Bromodichloromethane
Concen: 5.175 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

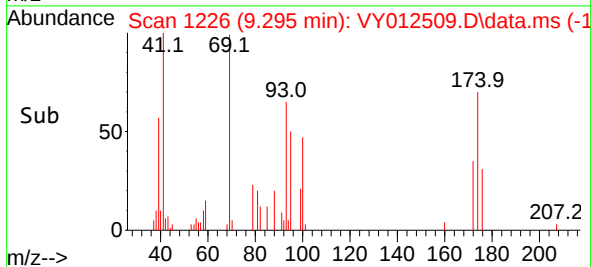
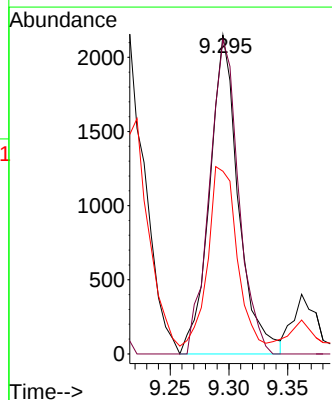
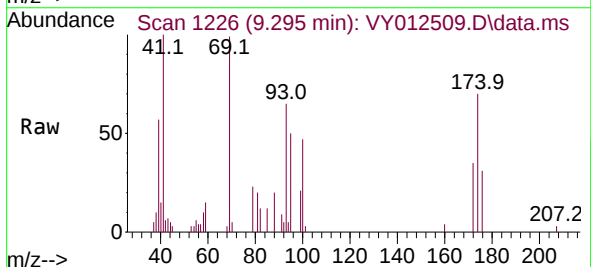
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

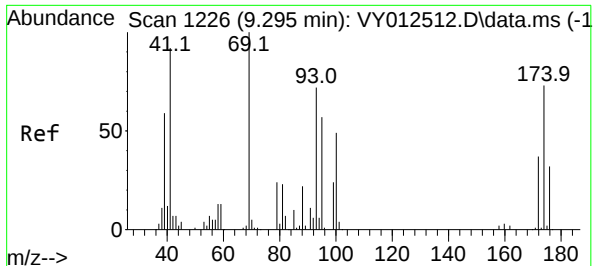
Tgt Ion: 83 Resp: 11028
Ion Ratio Lower Upper
83 100
85 54.4 50.7 76.1
127 8.7 8.1 12.1



#48
Methyl methacrylate
Concen: 4.954 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion: 41 Resp: 3672
Ion Ratio Lower Upper
41 100
69 99.7 85.4 128.2
39 57.4 52.7 79.1





#49

1,4-Dioxane

Concen: 92.279 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

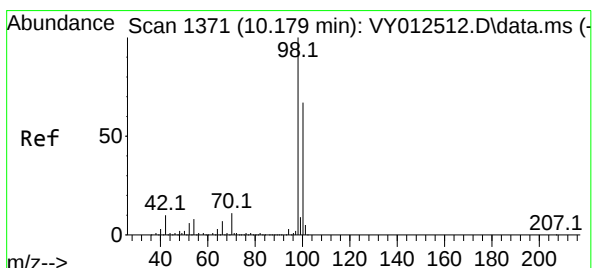
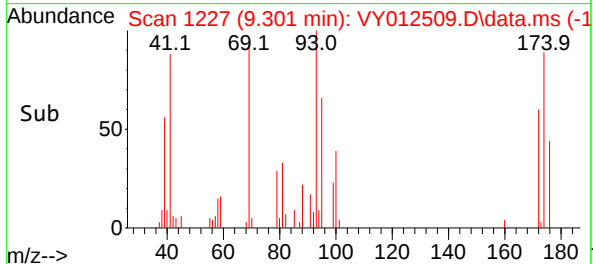
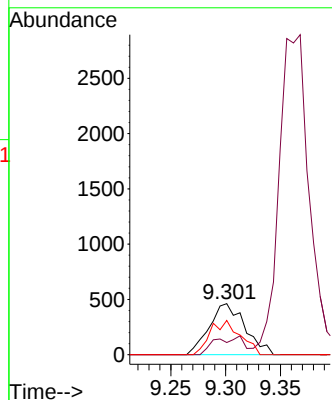
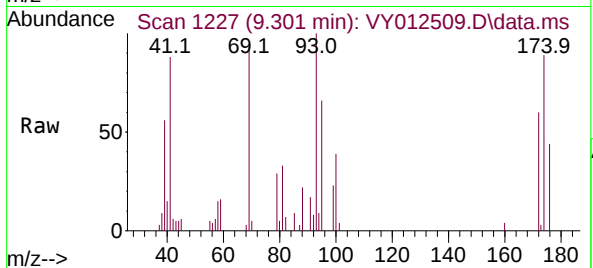
Tgt Ion: 88 Resp: 1047

Ion Ratio Lower Upper

88 100

43 0.0 22.6 33.8#

58 56.0 45.4 68.0



#50

Toluene-d8

Concen: 4.898 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012509.D

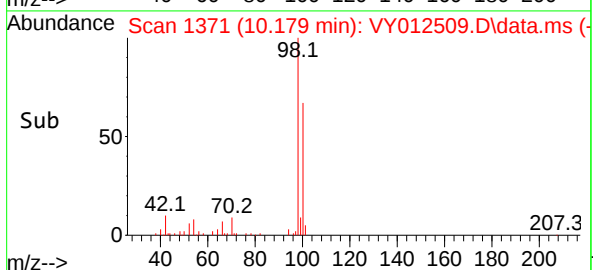
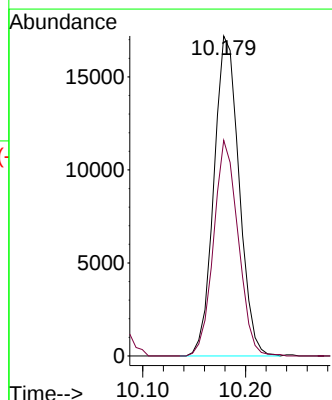
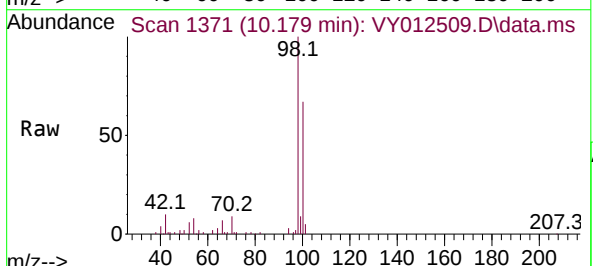
Acq: 07 Feb 2023 09:51

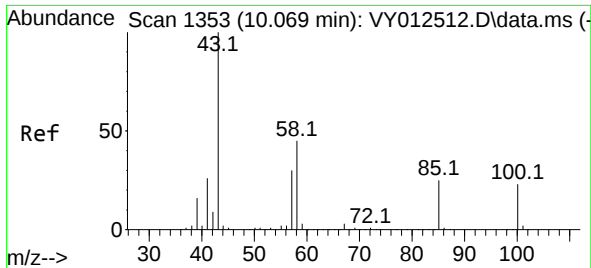
Tgt Ion: 98 Resp: 29194

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.2

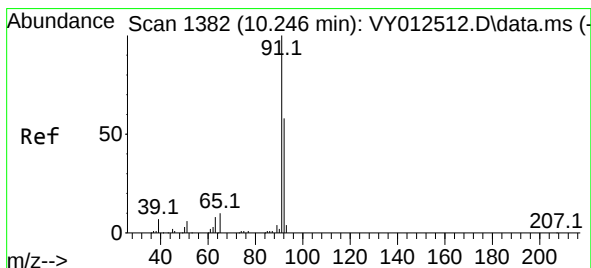
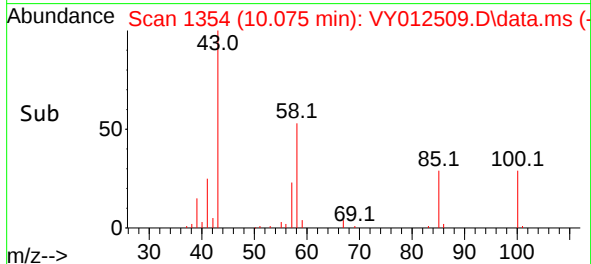
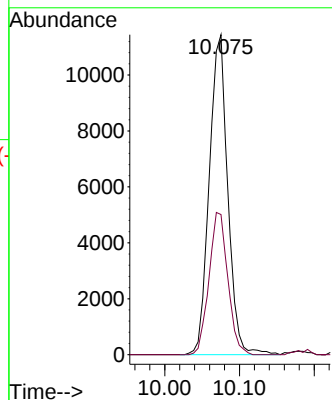
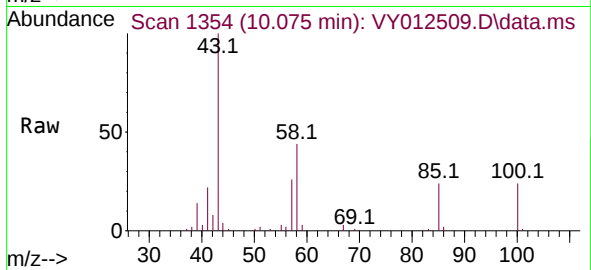




#51
4-Methyl-2-Pentanone
Concen: 22.463 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

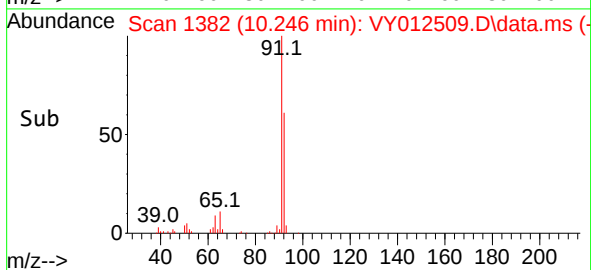
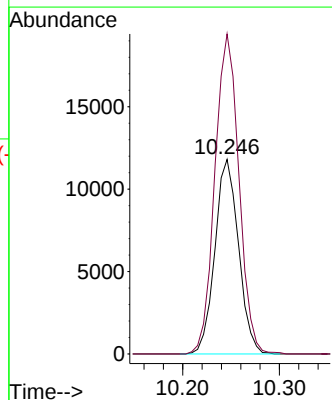
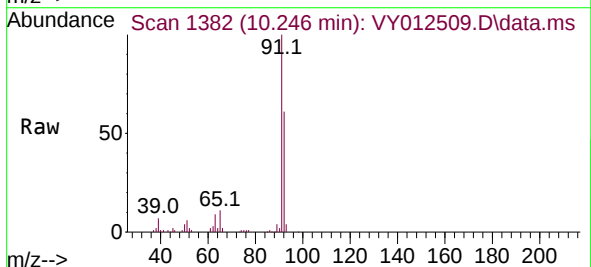
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

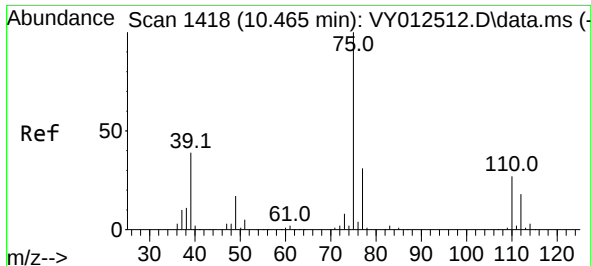
Tgt Ion: 43 Resp: 19652
Ion Ratio Lower Upper
43 100
58 45.3 36.2 54.2



#52
Toluene
Concen: 5.150 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion: 92 Resp: 19991
Ion Ratio Lower Upper
92 100
91 167.5 137.2 205.8

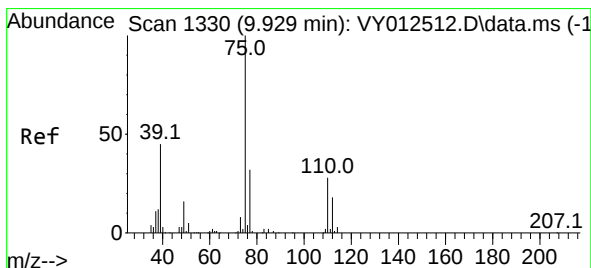
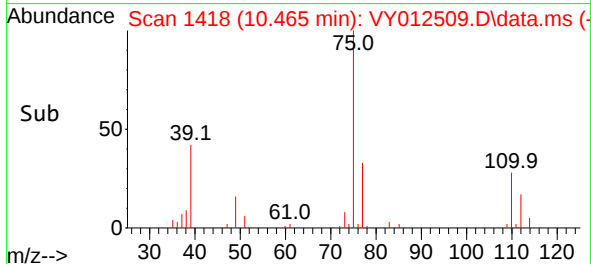
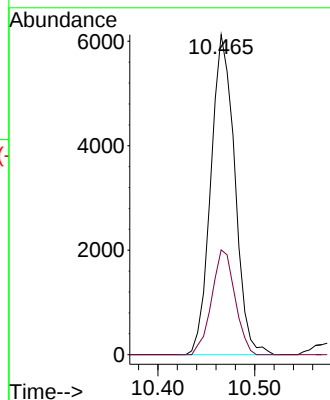
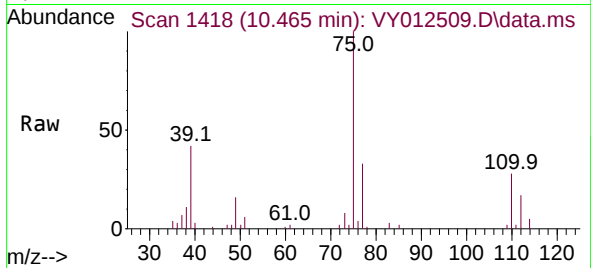




#53
t-1,3-Dichloropropene
Concen: 4.890 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

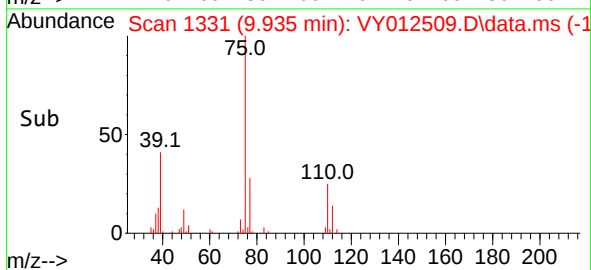
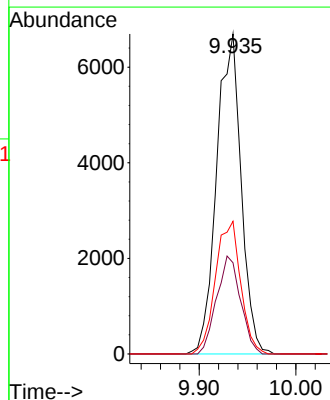
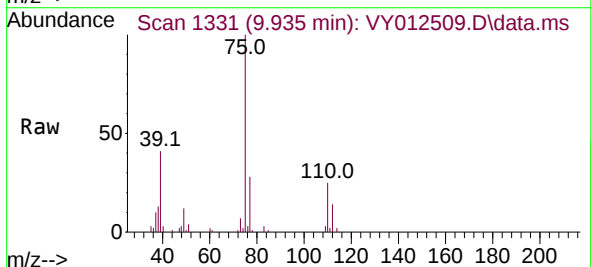
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

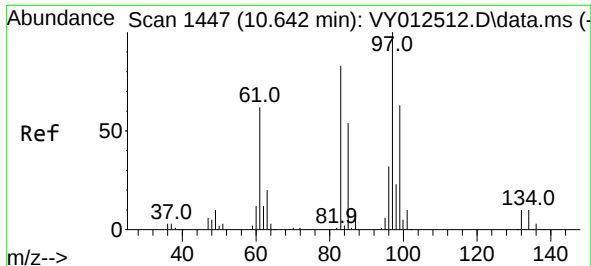
Tgt Ion: 75 Resp: 10501
Ion Ratio Lower Upper
75 100
77 32.7 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 5.056 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion: 75 Resp: 11749
Ion Ratio Lower Upper
75 100
77 28.5 25.7 38.5
39 41.4 36.0 54.0

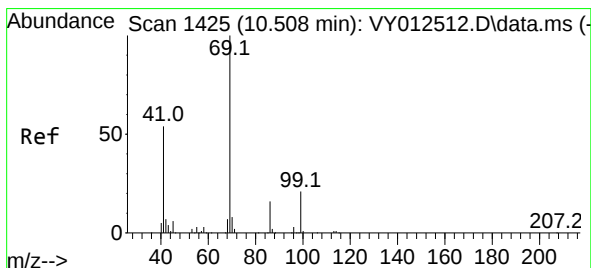
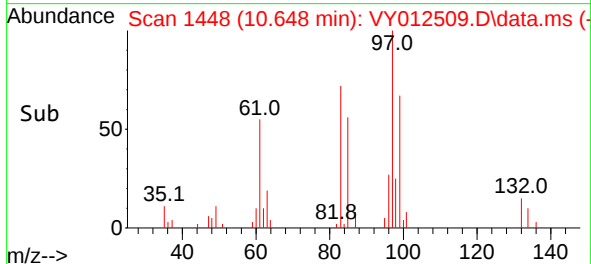
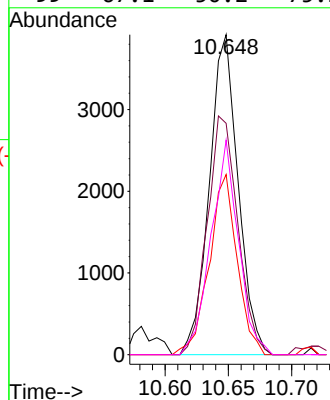
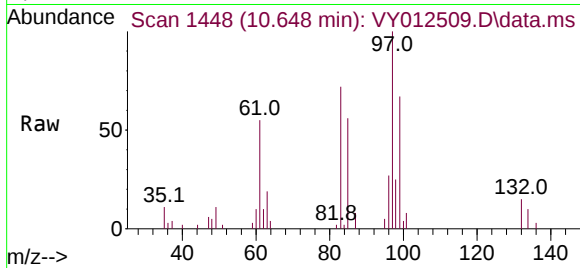




#55
1,1,2-Trichloroethane
Concen: 5.170 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

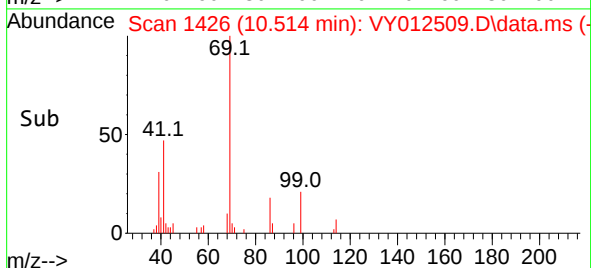
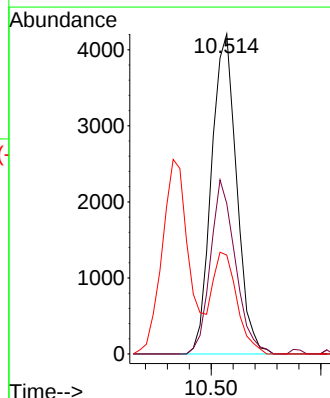
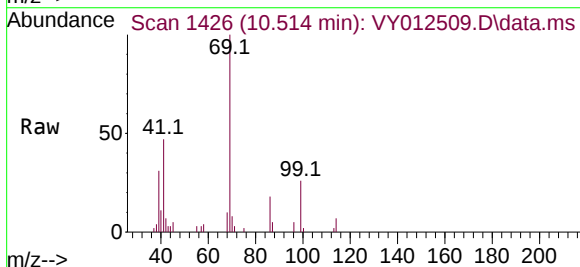
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

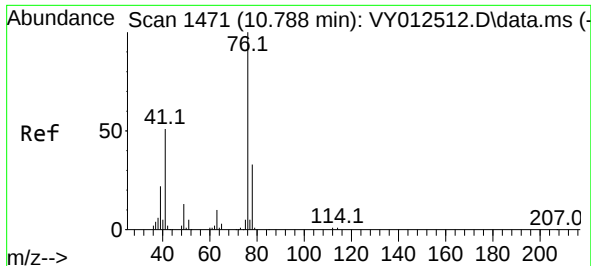
Tgt Ion:	97	Resp:	6209
Ion	Ratio	Lower	Upper
97	100		
83	72.3	66.0	99.0
85	56.3	43.1	64.7
99	67.1	50.2	75.2



#56
Ethyl methacrylate
Concen: 4.444 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion:	69	Resp:	6705
Ion	Ratio	Lower	Upper
69	100		
41	54.2	43.4	65.2
39	30.1	26.5	39.7





#57

1,3-Dichloropropane

Concen: 5.067 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

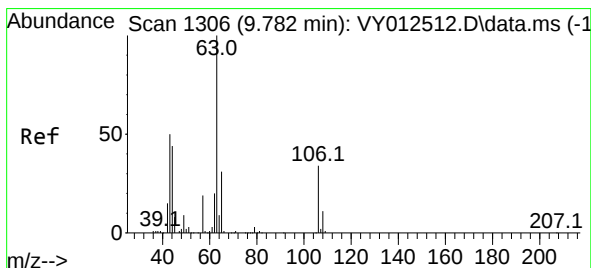
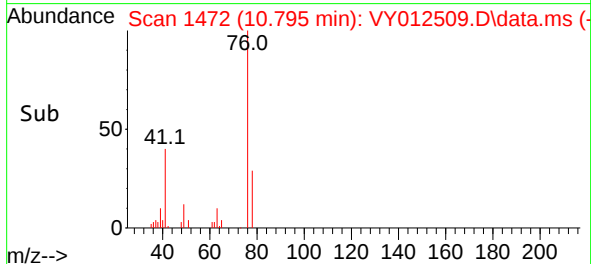
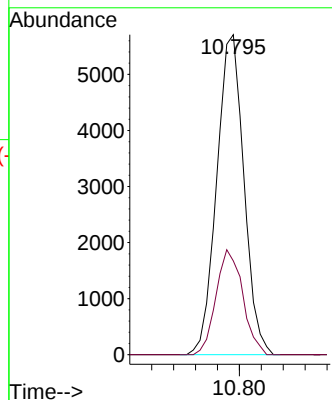
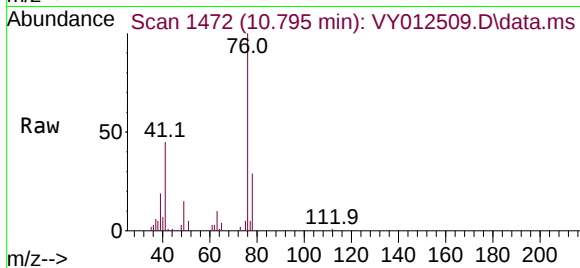
VSTDICC005

Tgt Ion: 76 Resp: 9821

Ion Ratio Lower Upper

76 100

78 32.2 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 18.763 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012509.D

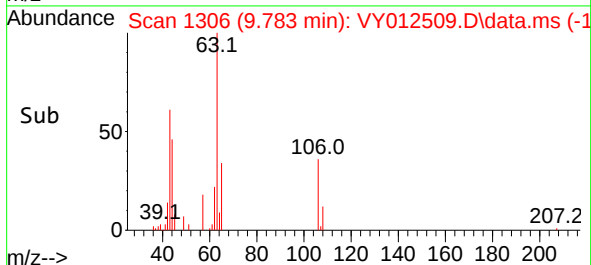
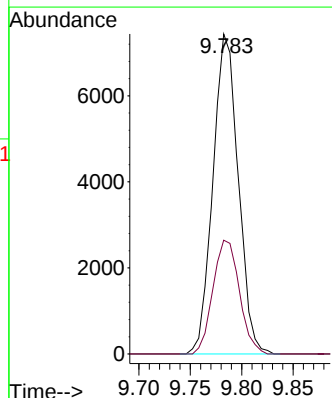
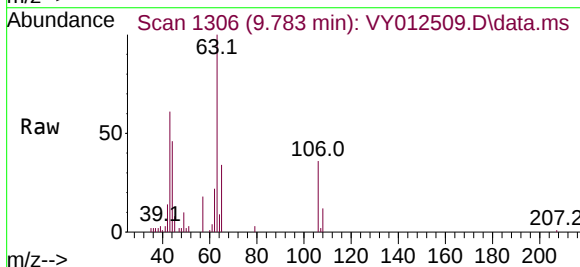
Acq: 07 Feb 2023 09:51

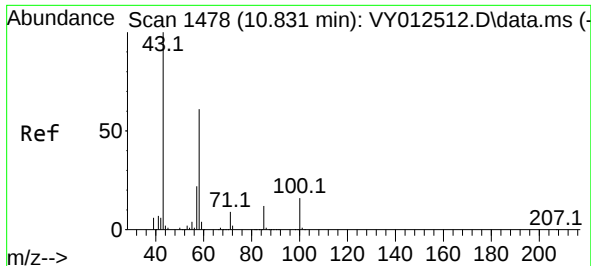
Tgt Ion: 63 Resp: 12725

Ion Ratio Lower Upper

63 100

106 37.2 28.0 42.0

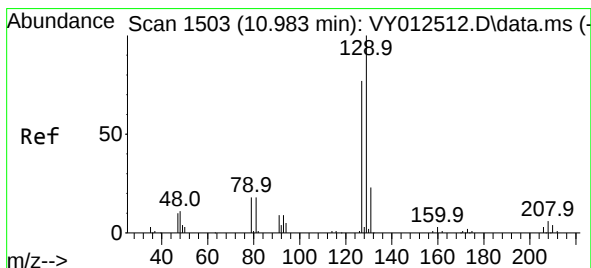
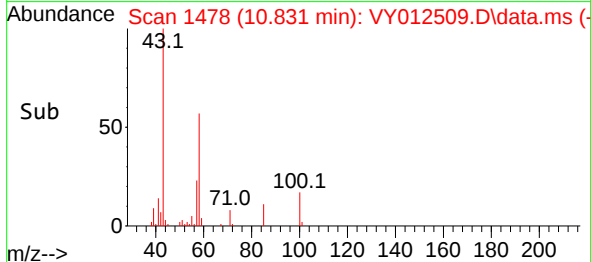
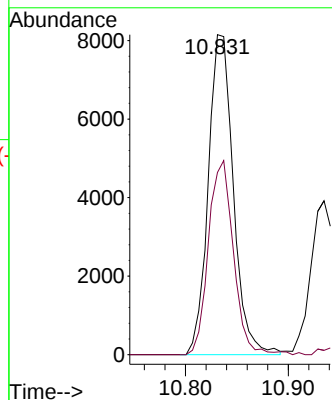
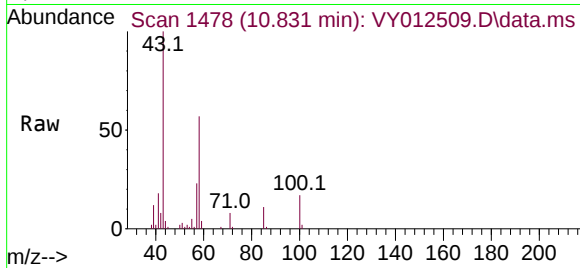




#59
2-Hexanone
Concen: 20.926 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

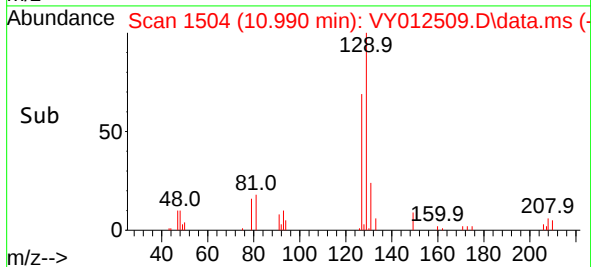
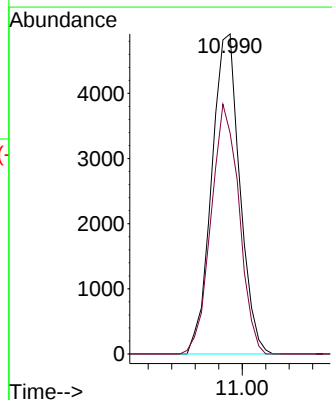
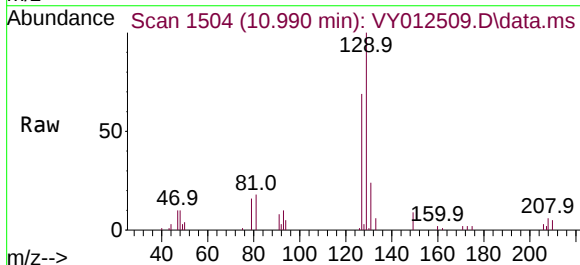
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

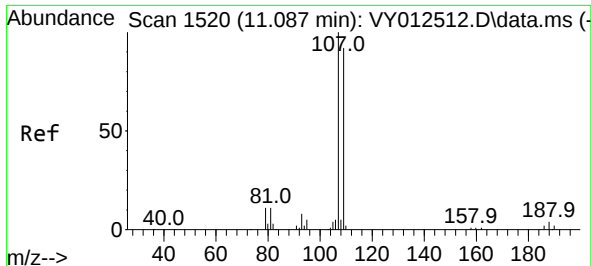
Tgt Ion: 43 Resp: 13835
Ion Ratio Lower Upper
43 100
58 60.5 30.9 92.5



#60
Dibromochloromethane
Concen: 5.095 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion: 129 Resp: 8156
Ion Ratio Lower Upper
129 100
127 77.6 38.0 114.1

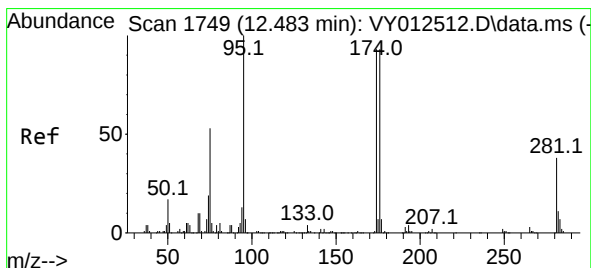
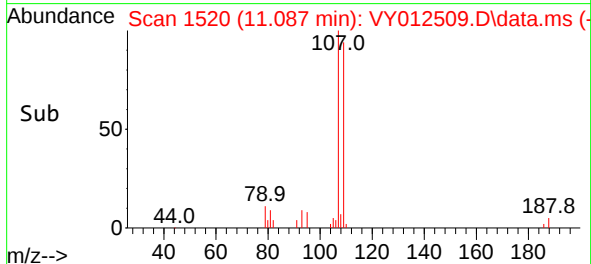
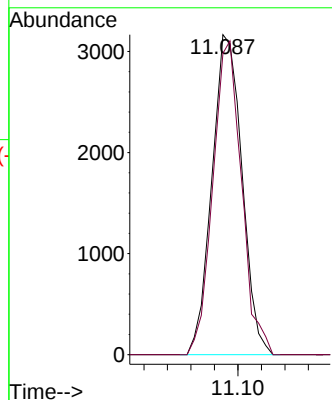
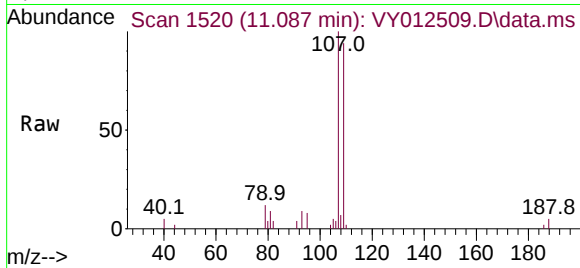




#61
1,2-Dibromoethane
Concen: 4.998 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

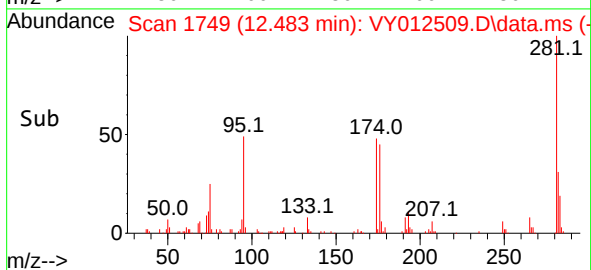
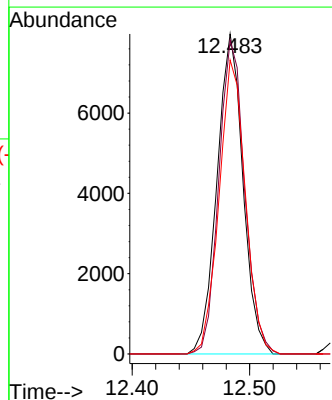
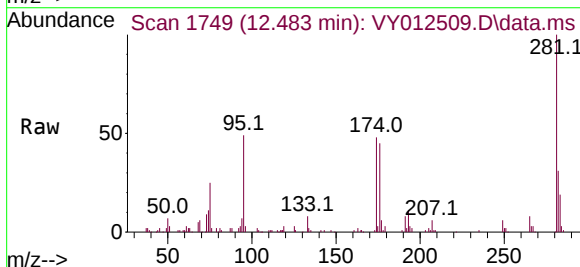
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

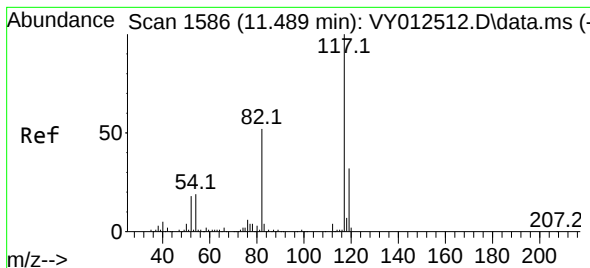
Tgt Ion:107 Resp: 5624
Ion Ratio Lower Upper
107 100
109 93.5 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 5.902 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion: 95 Resp: 12271
Ion Ratio Lower Upper
95 100
174 97.3 0.0 188.0
176 92.5 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

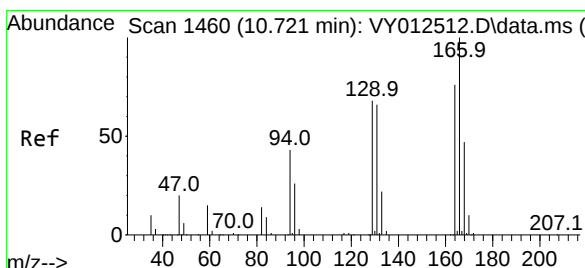
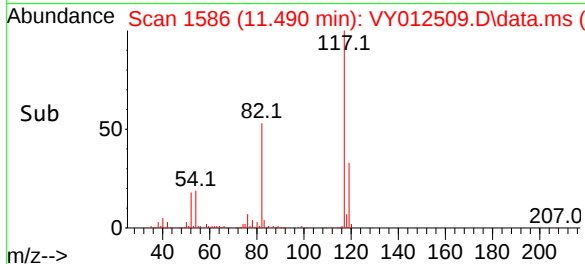
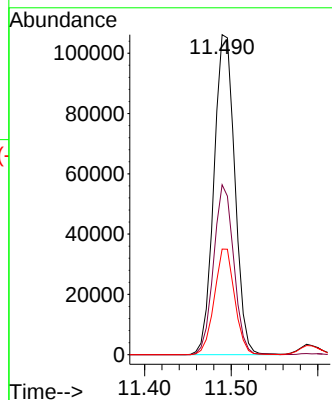
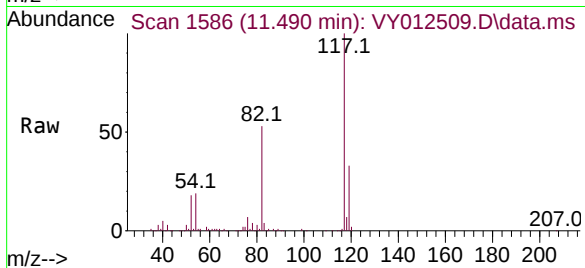
Tgt Ion:117 Resp: 177705

Ion Ratio Lower Upper

117 100

82 53.1 41.7 62.5

119 33.0 25.8 38.8



#64

Tetrachloroethene

Concen: 5.102 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Tgt Ion:164 Resp: 9465

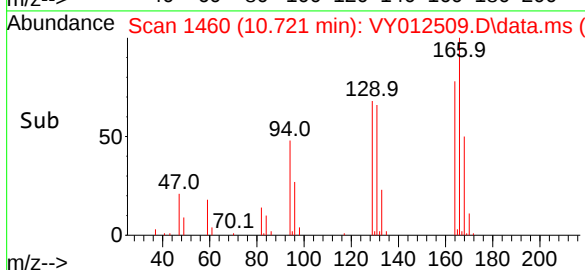
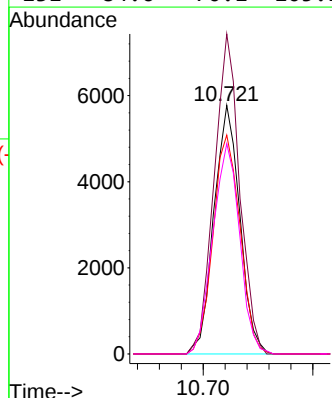
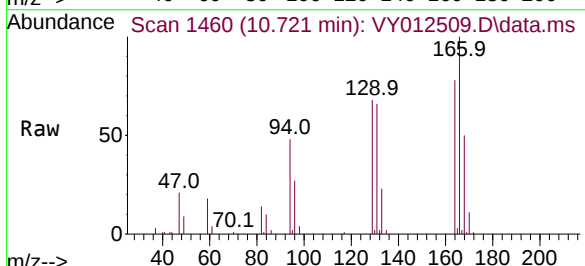
Ion Ratio Lower Upper

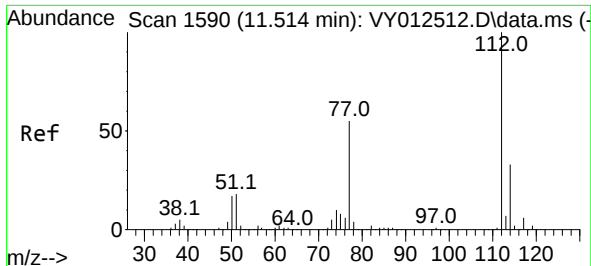
164 100

166 128.7 105.7 158.5

129 88.1 71.8 107.6

131 84.6 70.1 105.1

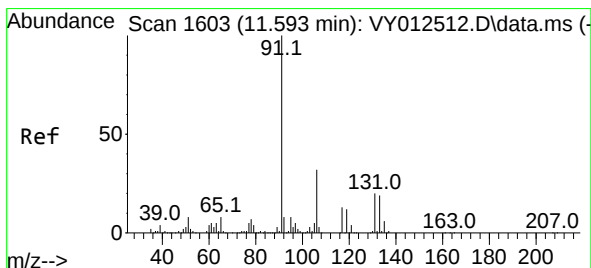
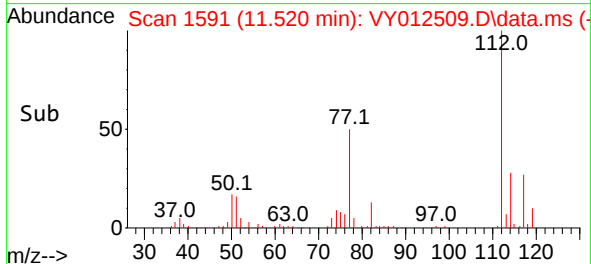
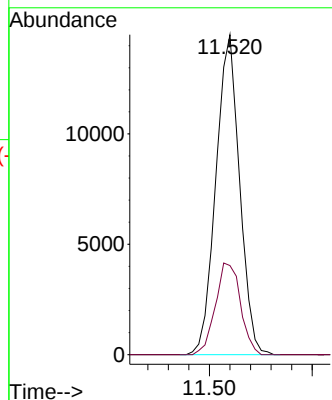
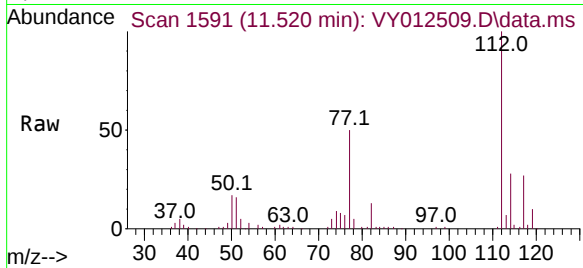




#65
Chlorobenzene
Concen: 5.501 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

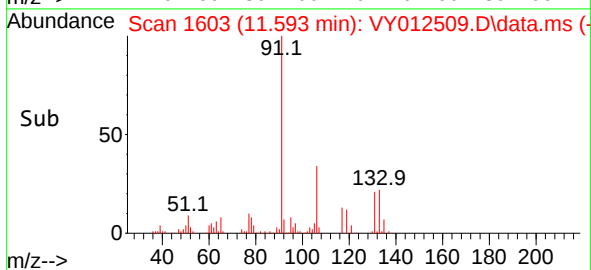
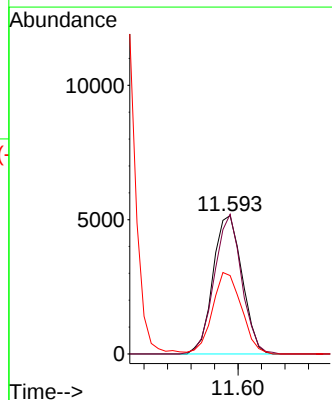
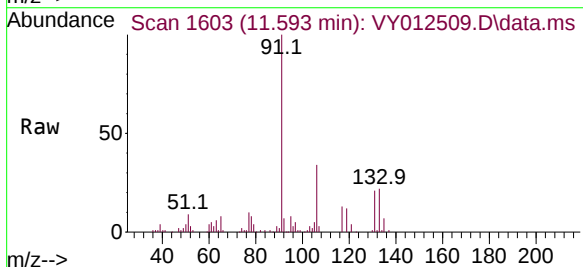
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

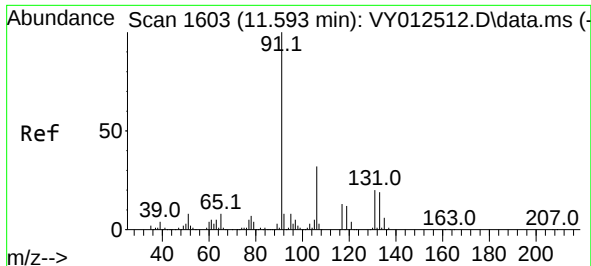
Tgt Ion:112 Resp: 23186
Ion Ratio Lower Upper
112 100
114 27.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 5.364 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion:131 Resp: 8859
Ion Ratio Lower Upper
131 100
133 94.8 48.5 145.5
119 58.8 30.7 92.1





#67

Ethyl Benzene

Concen: 5.124 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

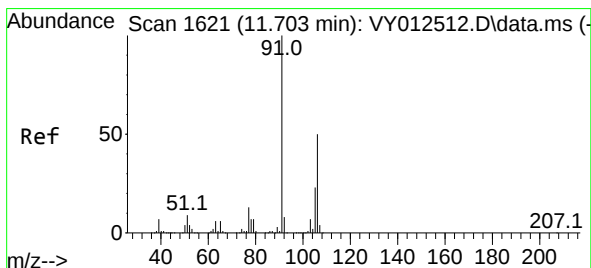
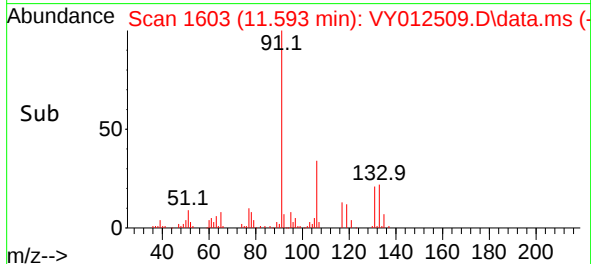
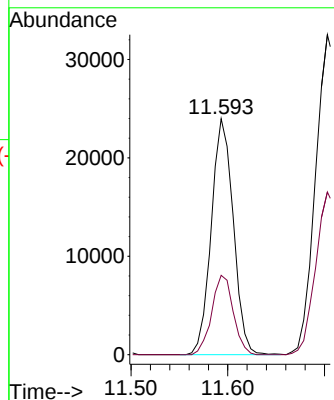
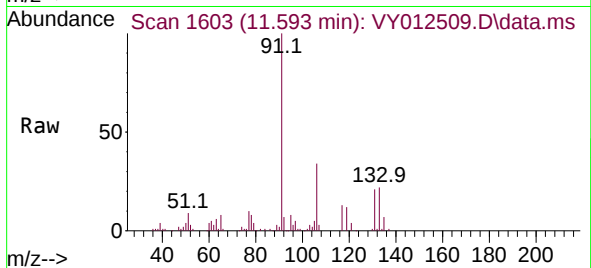
VSTDIC005

Tgt Ion: 91 Resp: 37917

Ion Ratio Lower Upper

91 100

106 33.6 25.6 38.4



#68

m/p-Xylenes

Concen: 10.279 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY012509.D

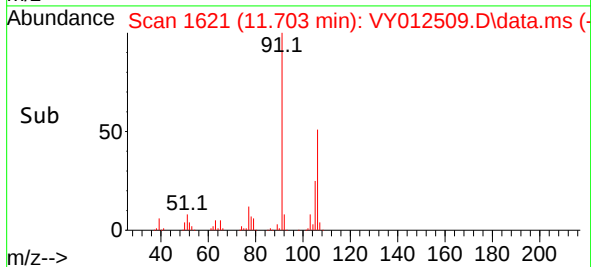
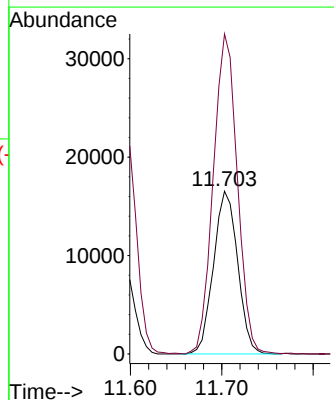
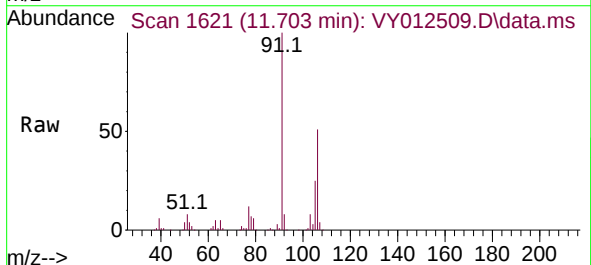
Acq: 07 Feb 2023 09:51

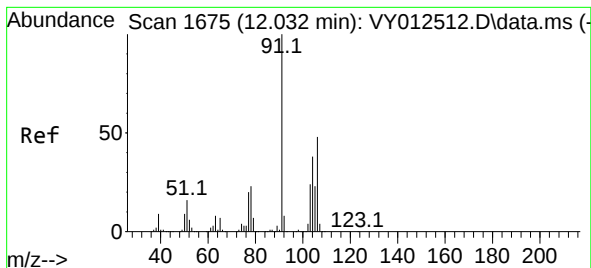
Tgt Ion: 106 Resp: 30361

Ion Ratio Lower Upper

106 100

91 195.8 160.3 240.5





#69

o-Xylene

Concen: 5.090 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

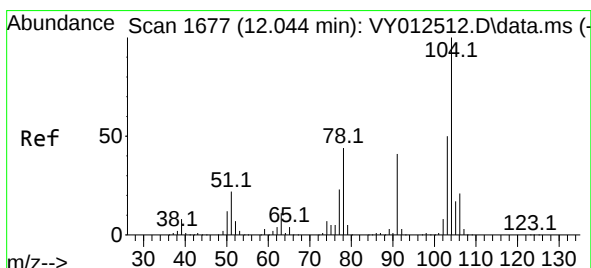
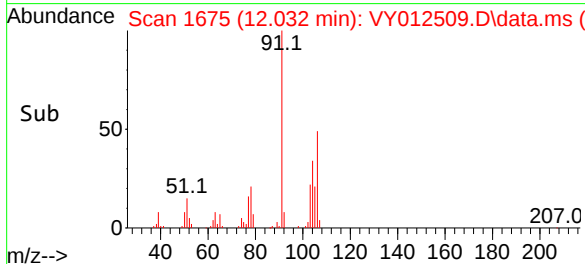
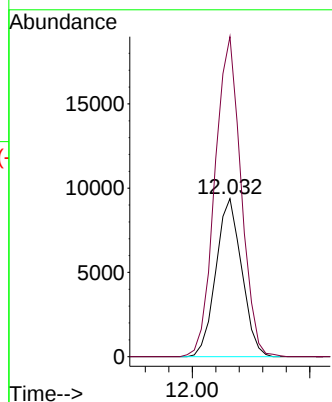
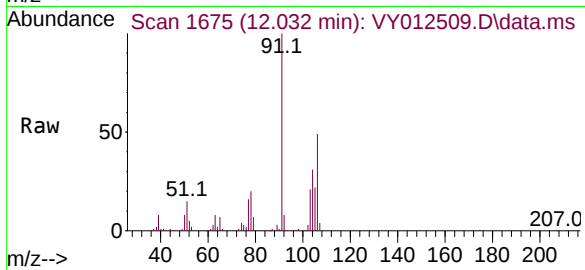
VSTDIC005

Tgt Ion:106 Resp: 14317

Ion Ratio Lower Upper

106 100

91 205.0 104.2 312.5



#70

Styrene

Concen: 4.970 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

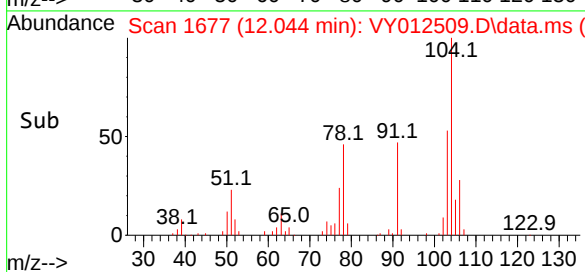
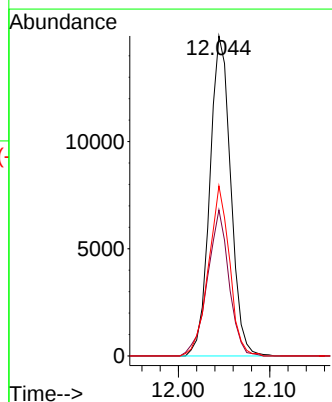
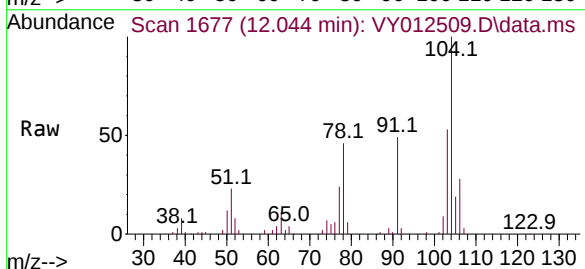
Tgt Ion:104 Resp: 23710

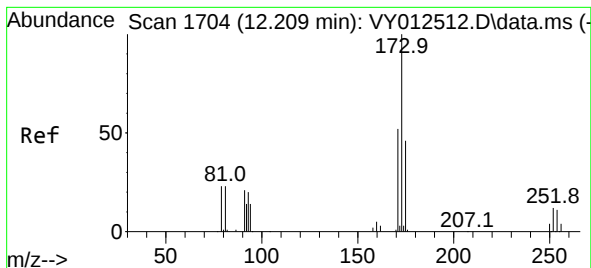
Ion Ratio Lower Upper

104 100

78 46.9 39.4 59.2

103 53.6 43.8 65.8





#71

Bromoform

Concen: 5.052 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

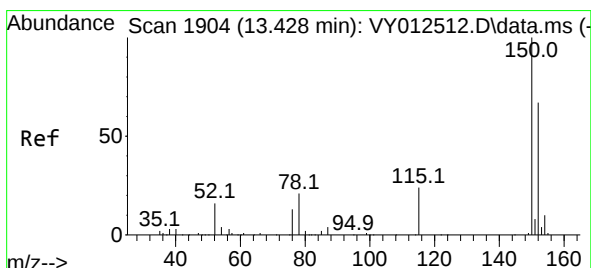
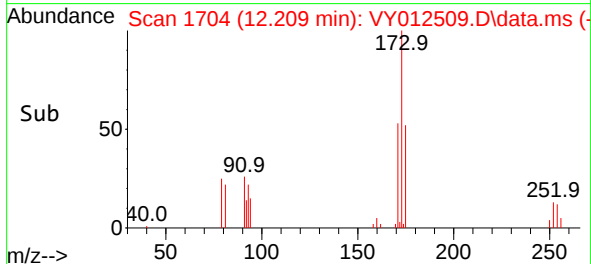
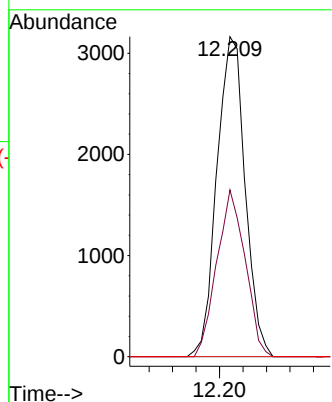
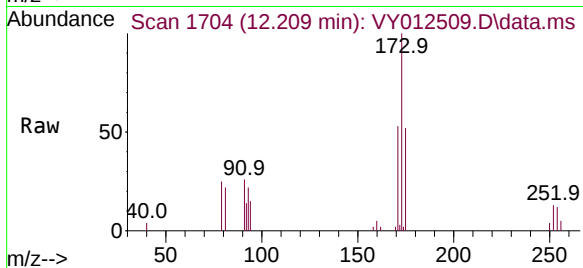
Tgt Ion:173 Resp: 5274

Ion Ratio Lower Upper

173 100

175 52.4 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: VY012509.D

Acq: 07 Feb 2023 09:51

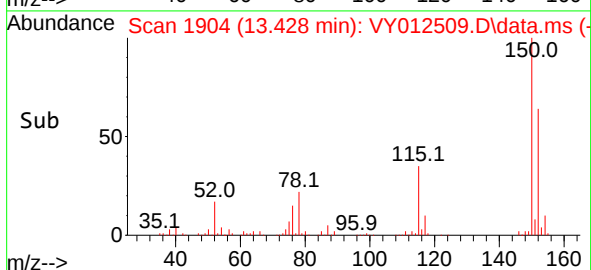
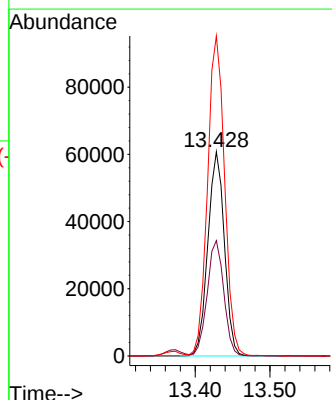
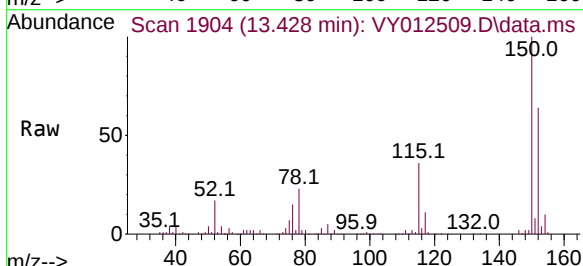
Tgt Ion:152 Resp: 93465

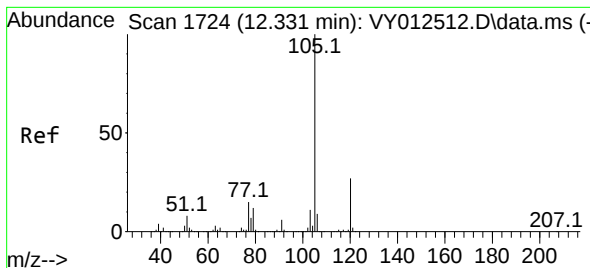
Ion Ratio Lower Upper

152 100

115 56.8 28.1 84.3

150 161.2 0.0 351.0





#73

Isopropylbenzene

Concen: 5.074 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

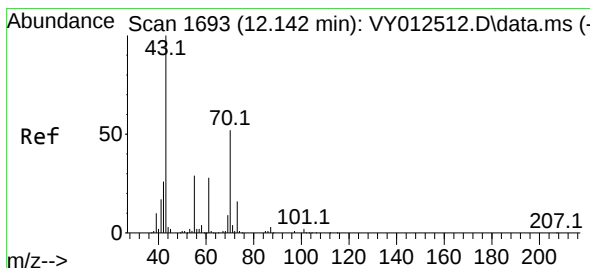
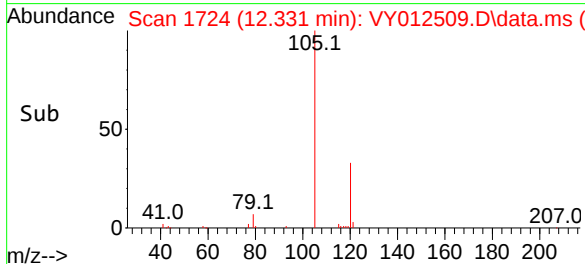
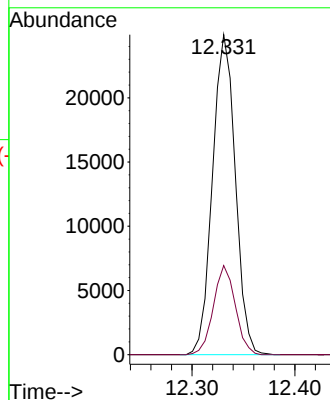
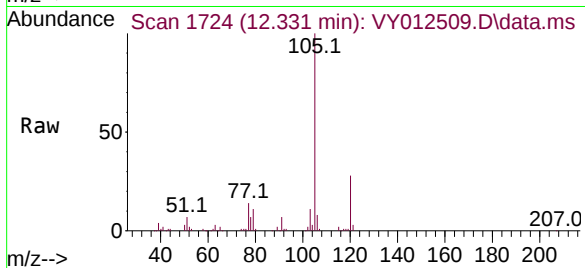
VSTDIC005

Tgt Ion:105 Resp: 38370

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 4.452 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Tgt Ion: 43 Resp: 6094

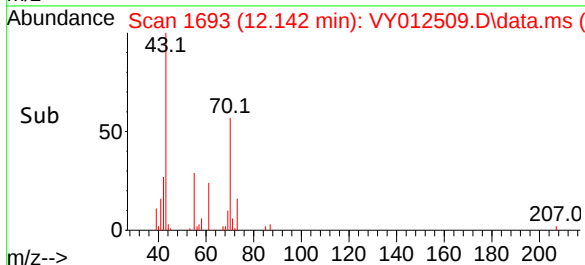
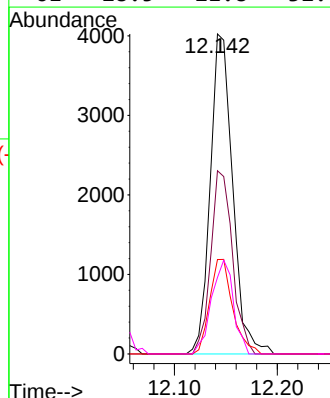
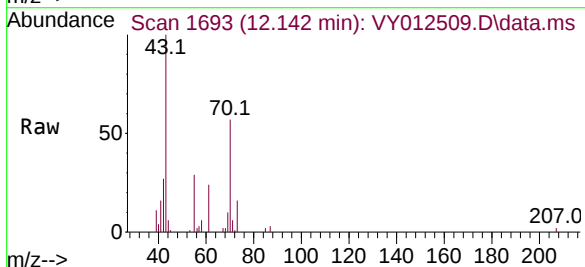
Ion Ratio Lower Upper

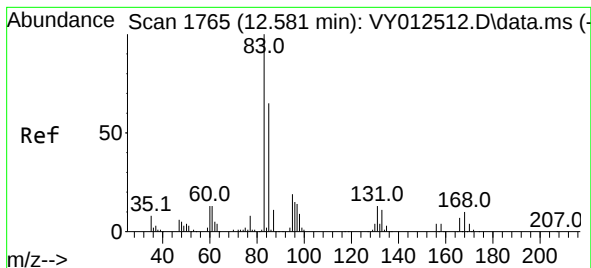
43 100

70 55.5 41.0 61.6

55 30.2 22.9 34.3

61 28.5 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.230 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

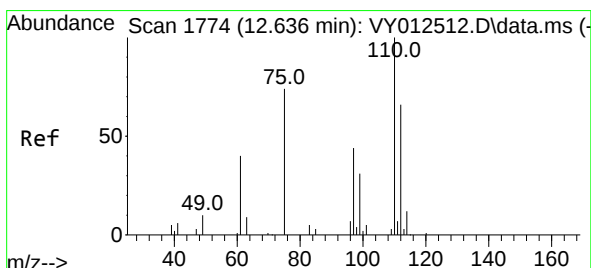
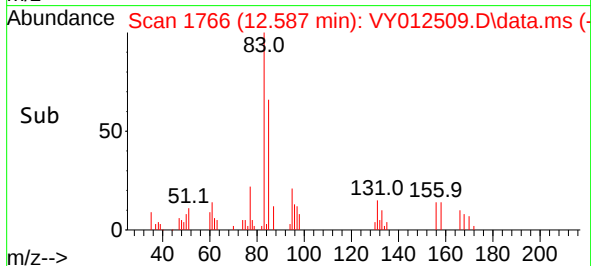
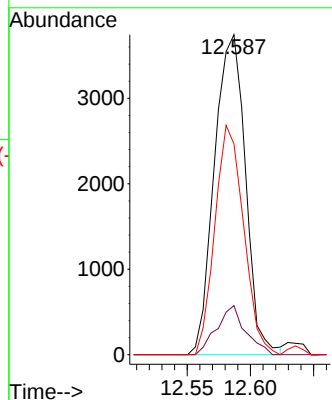
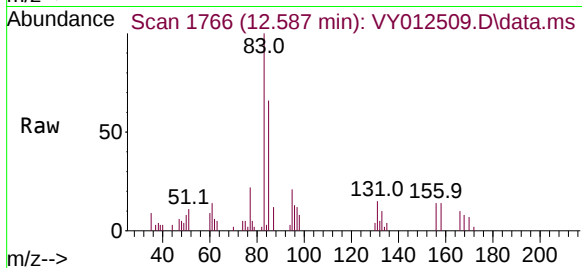
Tgt Ion: 83 Resp: 6395

Ion Ratio Lower Upper

83 100

131 14.2 6.5 19.4

85 66.2 33.0 99.0



#76

1,2,3-Trichloropropane

Concen: 8.575 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012509.D

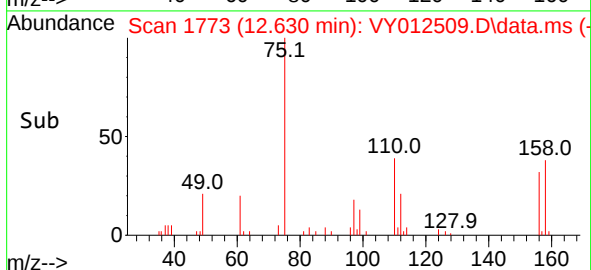
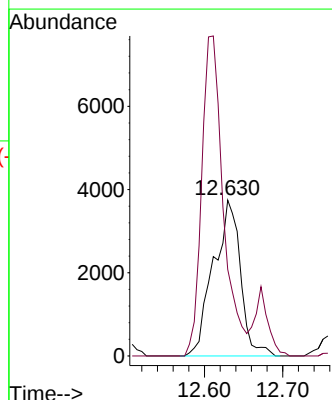
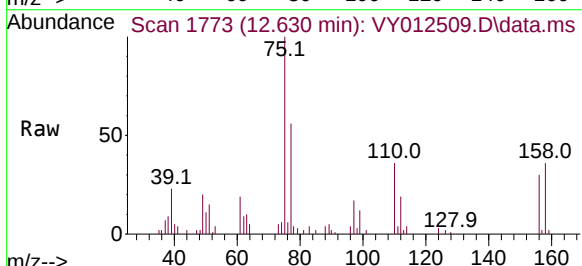
Acq: 07 Feb 2023 09:51

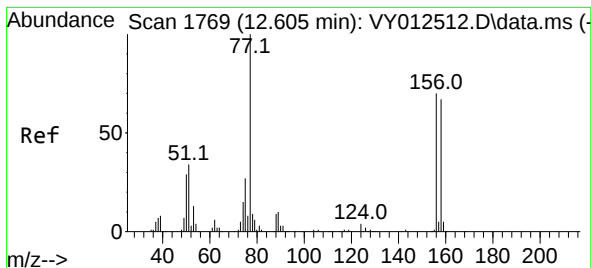
Tgt Ion: 75 Resp: 8976

Ion Ratio Lower Upper

75 100

77 164.1 0.0 0.0#





#77

Bromobenzene

Concen: 5.348 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

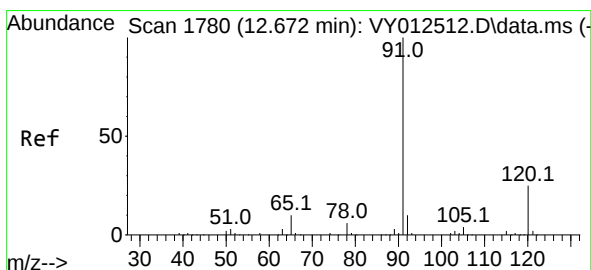
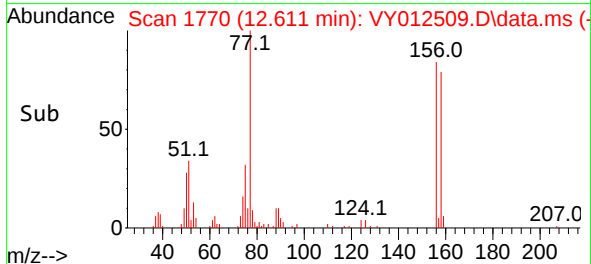
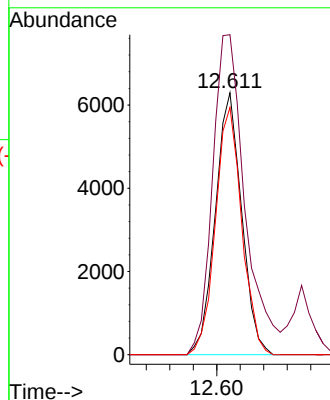
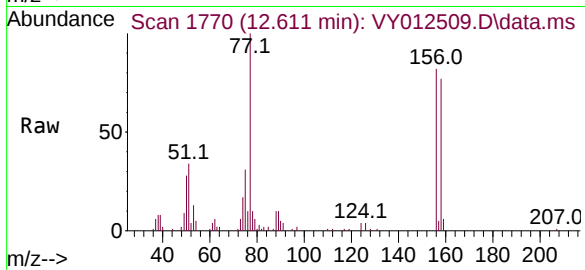
Tgt Ion:156 Resp: 9802

Ion Ratio Lower Upper

156 100

77 150.3 80.6 241.8

158 94.3 49.1 147.3



#78

n-propylbenzene

Concen: 5.069 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012509.D

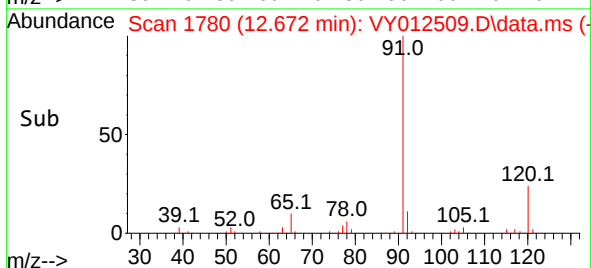
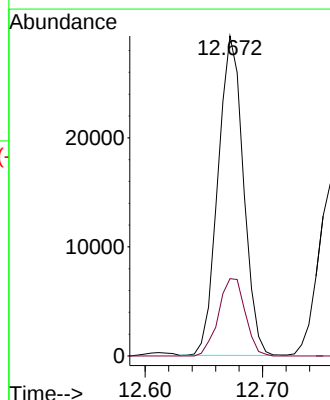
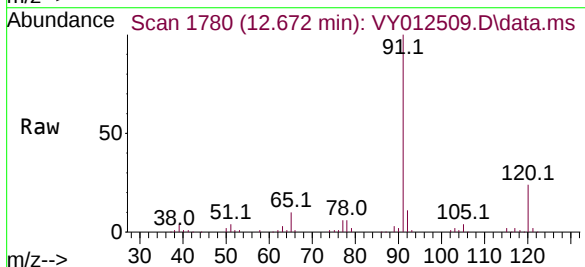
Acq: 07 Feb 2023 09:51

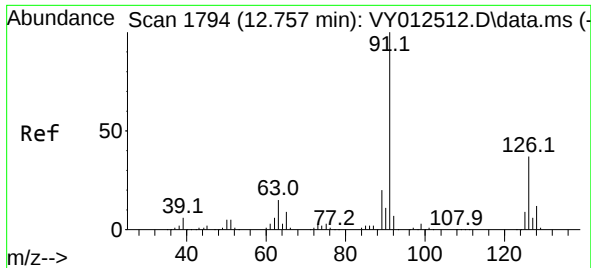
Tgt Ion: 91 Resp: 44117

Ion Ratio Lower Upper

91 100

120 25.4 12.4 37.4

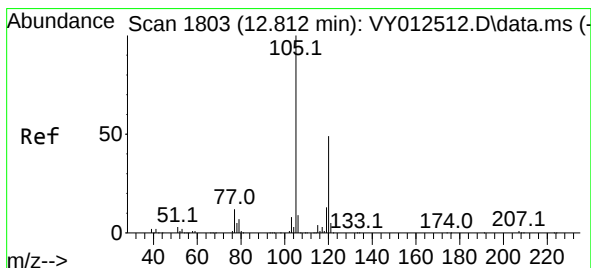
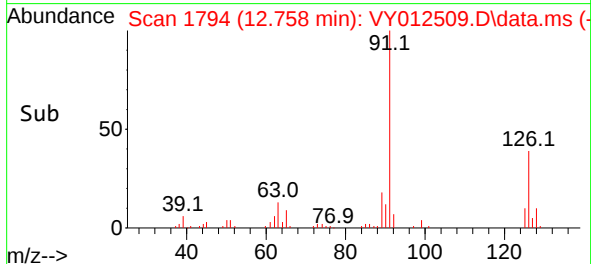
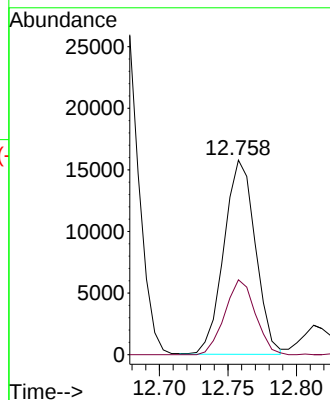
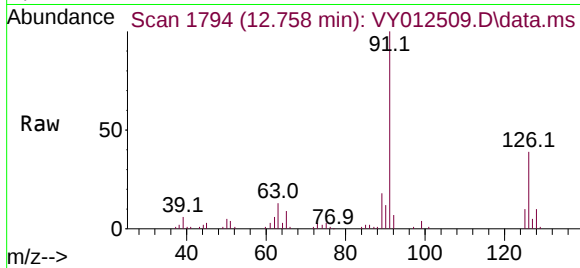




#79
2-Chlorotoluene
Concen: 5.106 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

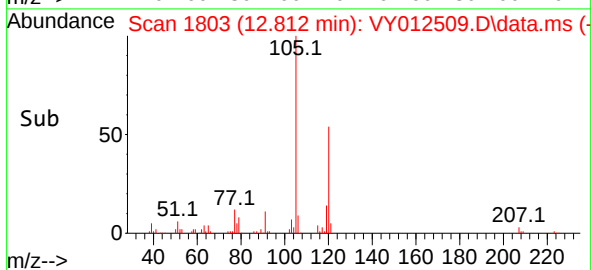
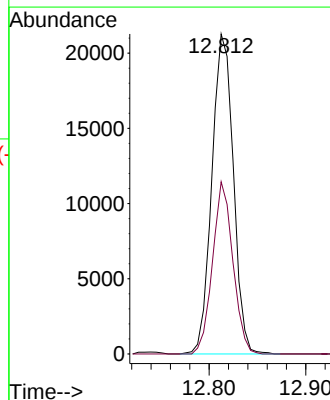
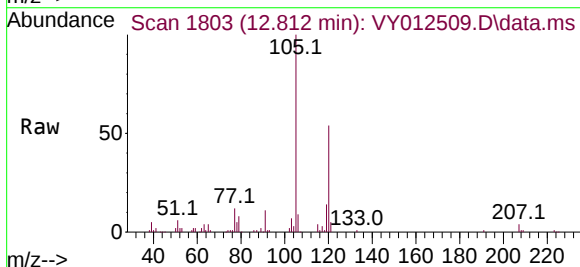
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

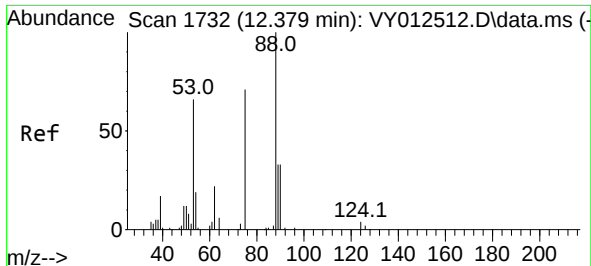
Tgt Ion: 91 Resp: 25229
Ion Ratio Lower Upper
91 100
126 37.3 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 5.042 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion: 105 Resp: 32824
Ion Ratio Lower Upper
105 100
120 50.9 24.6 74.0

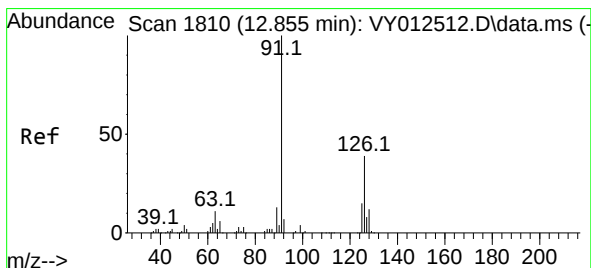
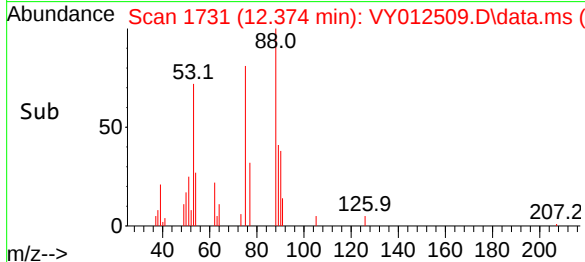
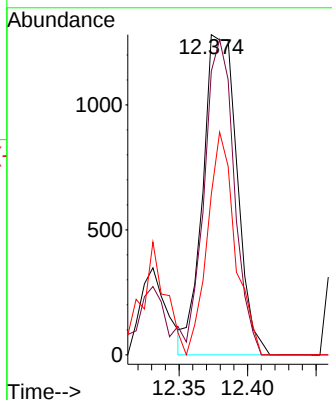
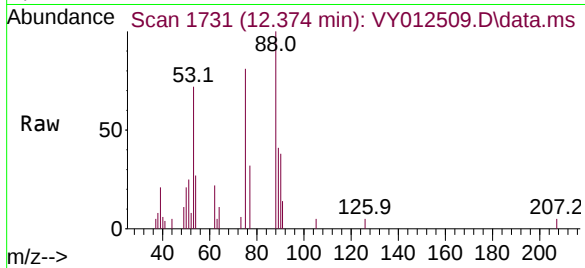




#81
trans-1,4-Dichloro-2-butene
Concen: 4.807 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

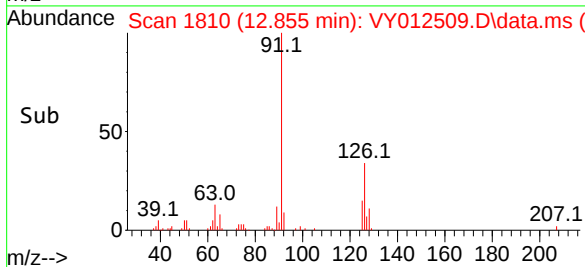
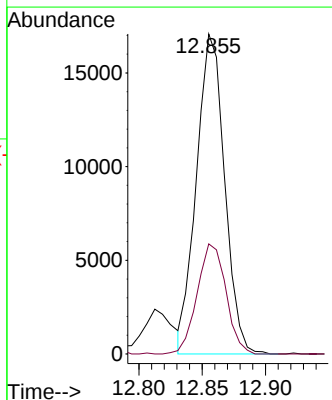
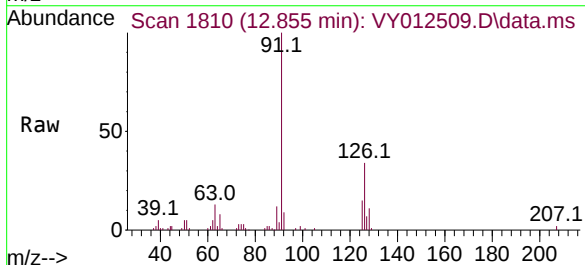
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

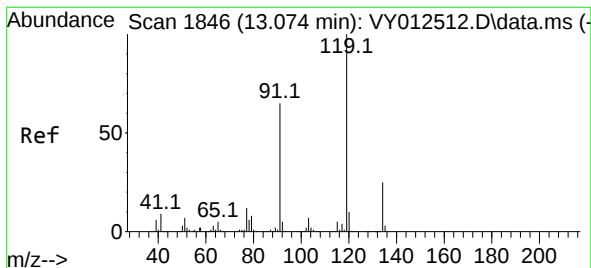
Tgt Ion: 75 Resp: 2226
Ion Ratio Lower Upper
75 100
53 85.4 73.1 109.7
89 56.0 39.9 59.9



#82
4-Chlorotoluene
Concen: 5.105 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion: 91 Resp: 26457
Ion Ratio Lower Upper
91 100
126 35.2 18.1 54.3





#83

tert-Butylbenzene

Concen: 5.191 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

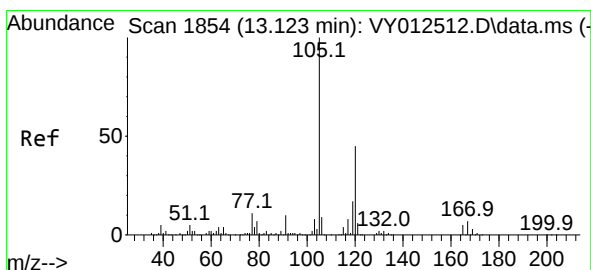
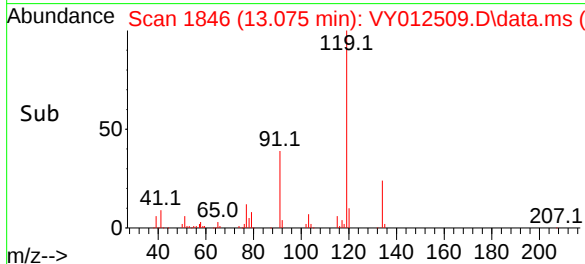
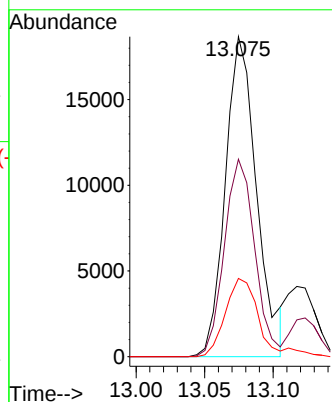
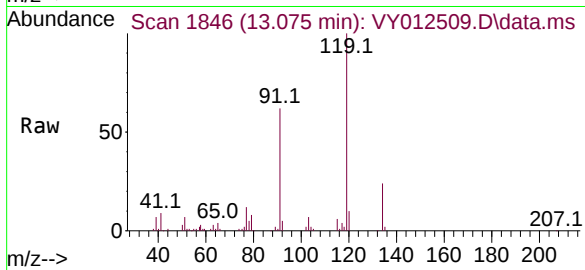
Tgt Ion:119 Resp: 29633

Ion Ratio Lower Upper

119 100

91 60.0 33.0 99.0

134 26.6 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 4.987 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY012509.D

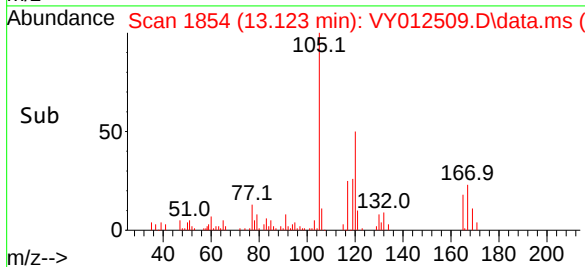
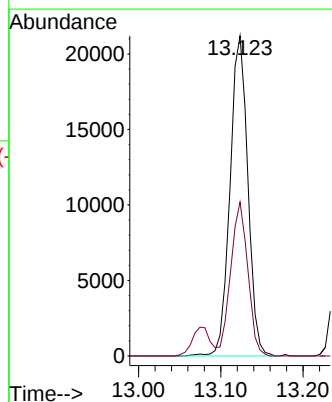
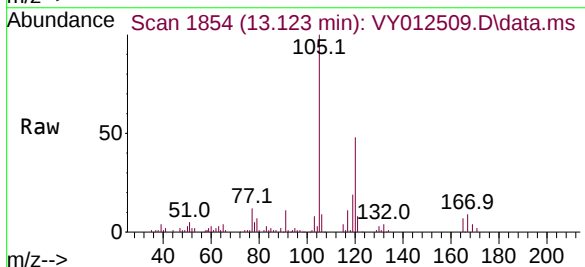
Acq: 07 Feb 2023 09:51

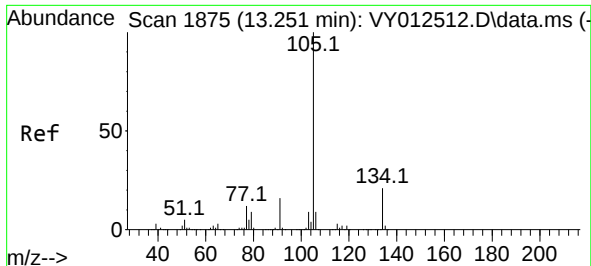
Tgt Ion:105 Resp: 31943

Ion Ratio Lower Upper

105 100

120 46.5 22.8 68.3

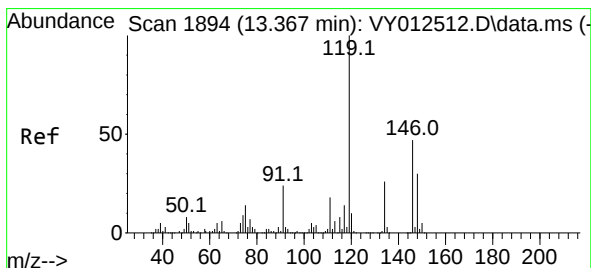
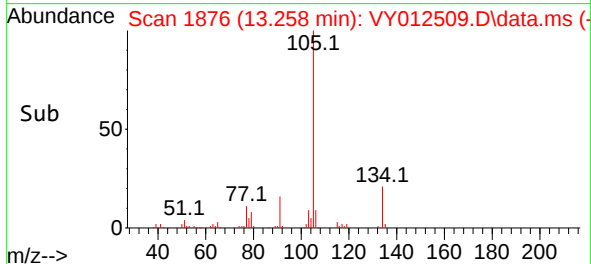
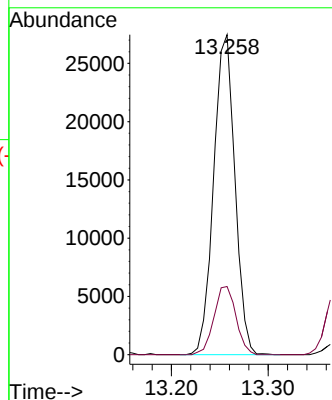
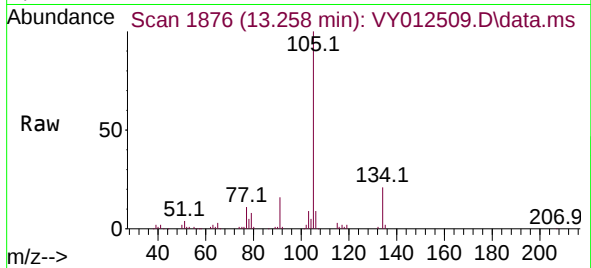




#85
 sec-Butylbenzene
 Concen: 5.133 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY012509.D
 Acq: 07 Feb 2023 09:51

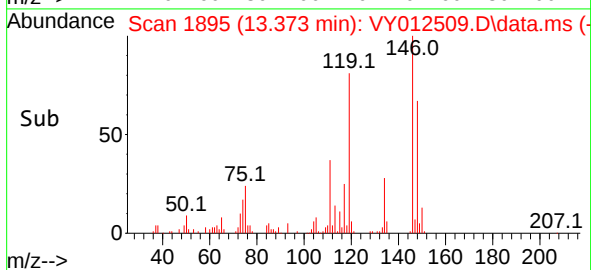
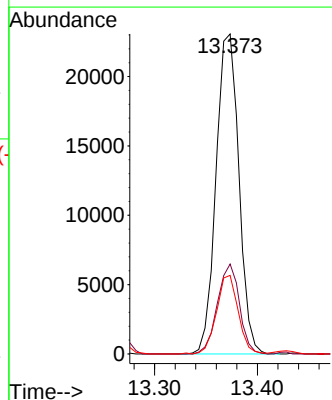
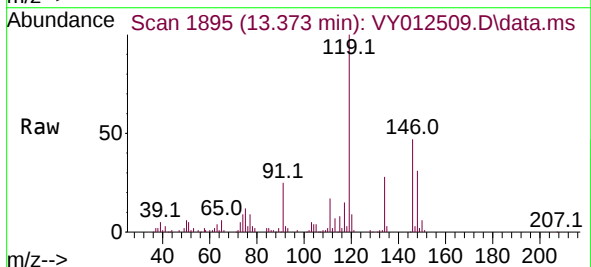
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

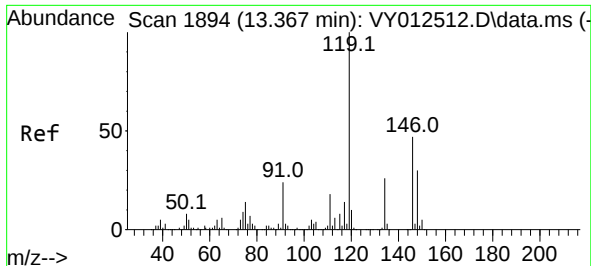
Tgt Ion:105 Resp: 41915
 Ion Ratio Lower Upper
 105 100
 134 22.1 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 5.013 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY012509.D
 Acq: 07 Feb 2023 09:51

Tgt Ion:119 Resp: 35517
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.1
 91 23.4 12.0 36.1

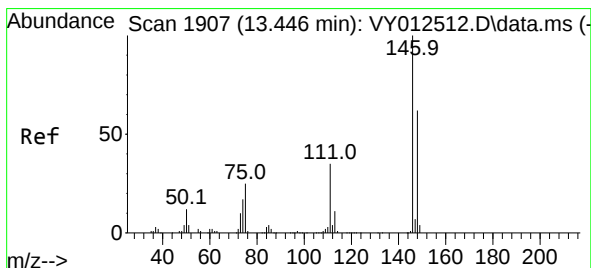
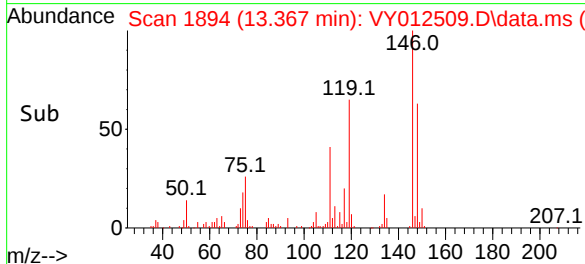
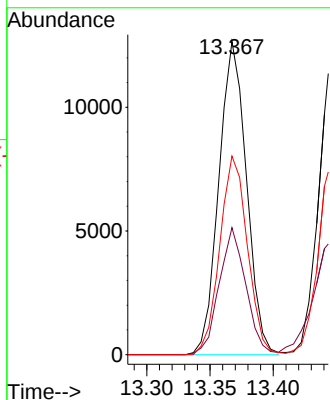
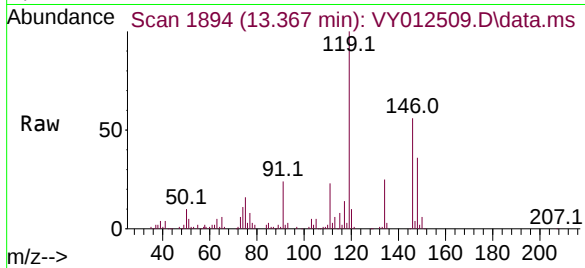




#87
1,3-Dichlorobenzene
Concen: 5.267 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

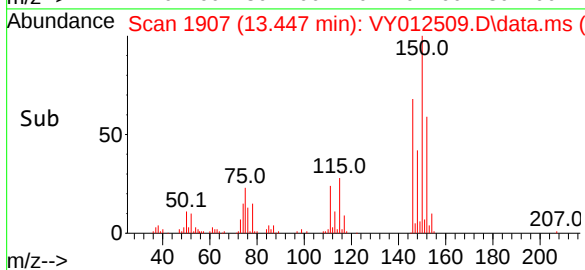
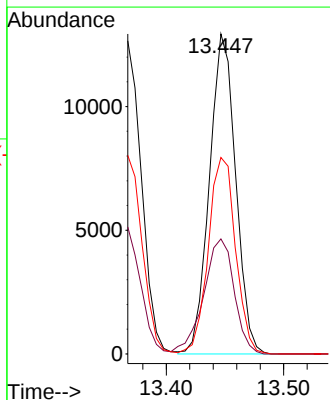
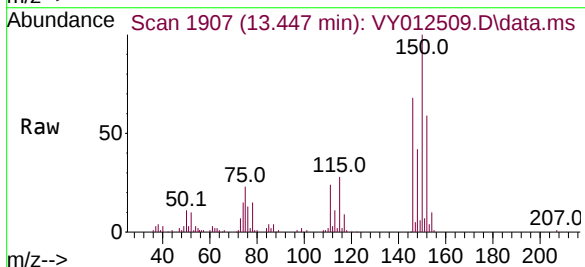
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

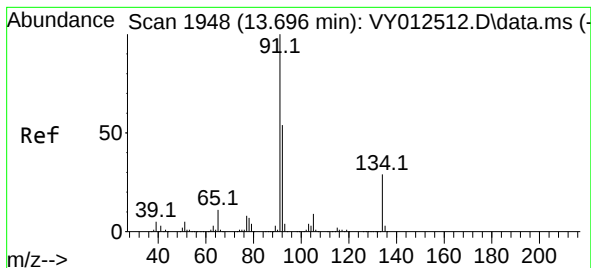
Tgt Ion:146 Resp: 19209
Ion Ratio Lower Upper
146 100
111 39.2 19.3 57.9
148 63.5 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 5.499 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion:146 Resp: 20087
Ion Ratio Lower Upper
146 100
111 41.9 18.4 55.2
148 63.8 31.6 95.0





#89

n-Butylbenzene

Concen: 4.926 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

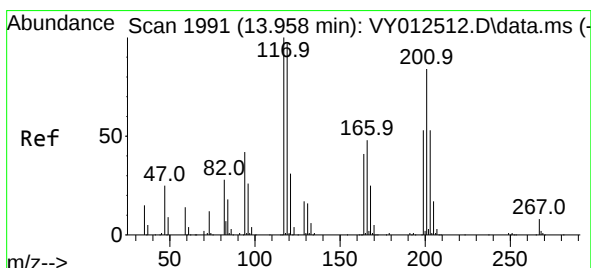
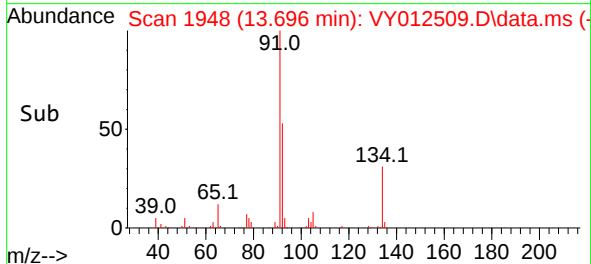
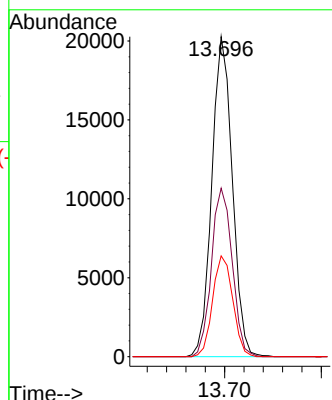
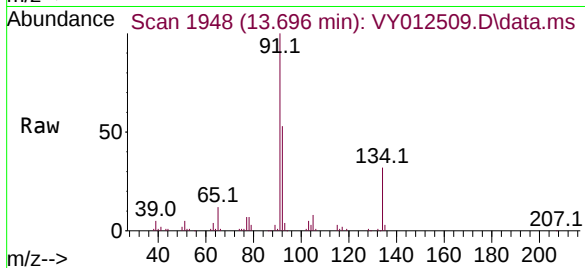
Tgt Ion: 91 Resp: 29827

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.7

134 30.9 14.5 43.5



#90

Hexachloroethane

Concen: 5.488 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY012509.D

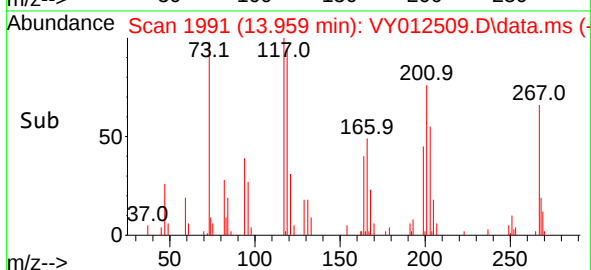
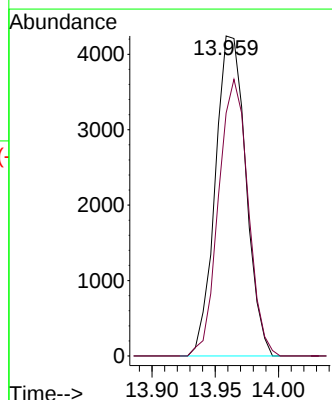
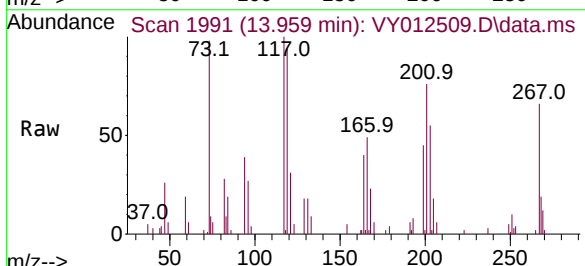
Acq: 07 Feb 2023 09:51

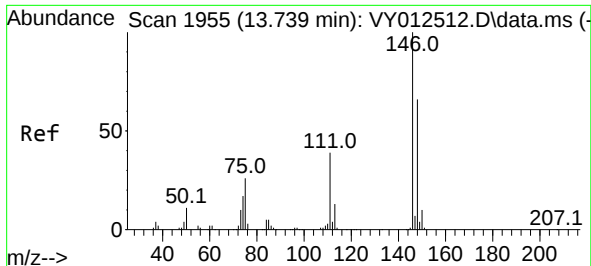
Tgt Ion: 117 Resp: 7137

Ion Ratio Lower Upper

117 100

201 83.6 43.9 131.7

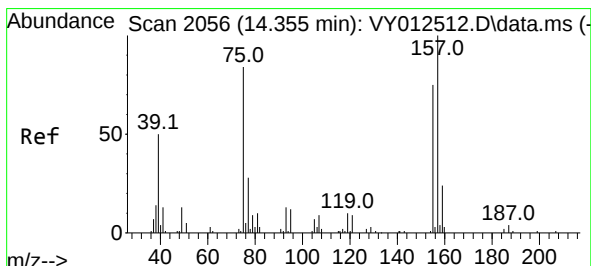
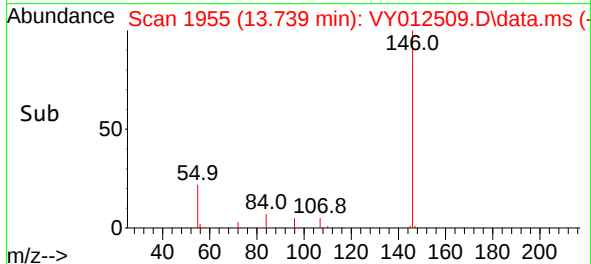
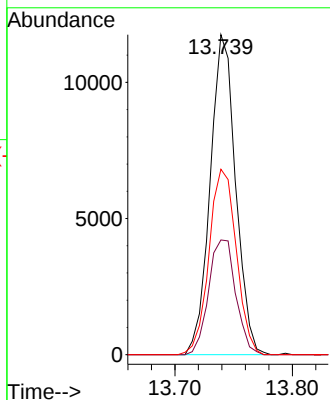
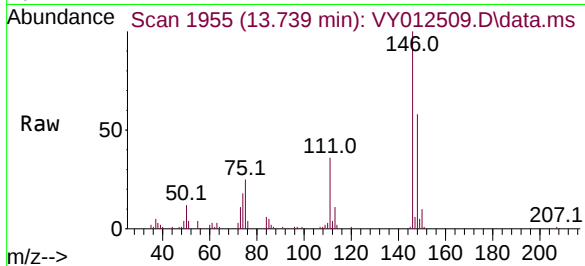




#91
1,2-Dichlorobenzene
Concen: 5.400 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

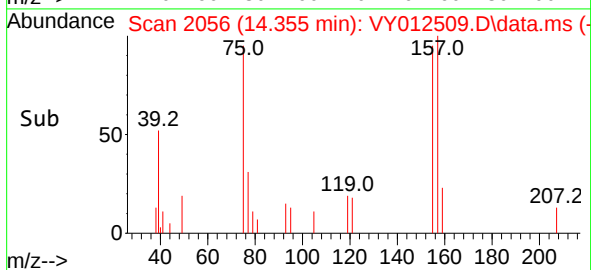
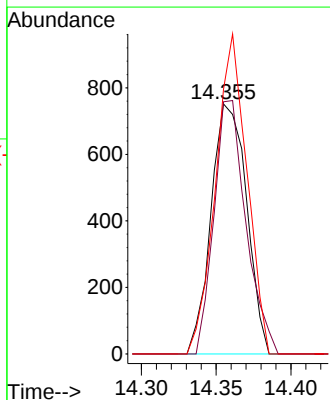
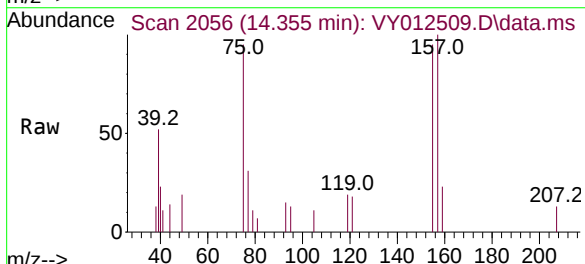
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

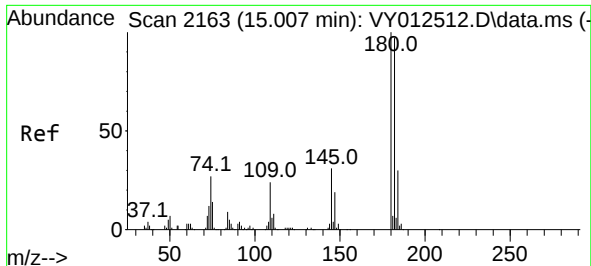
Tgt Ion:	146	Resp:	17714
Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.7	59.1
148	62.1	32.0	96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.092 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion:	75	Resp:	1239
Ion	Ratio	Lower	Upper
75	100		
155	91.4	46.5	139.3
157	112.6	59.9	179.7

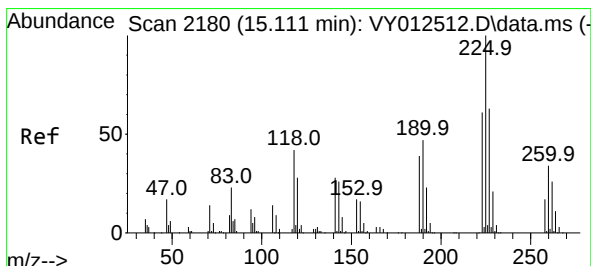
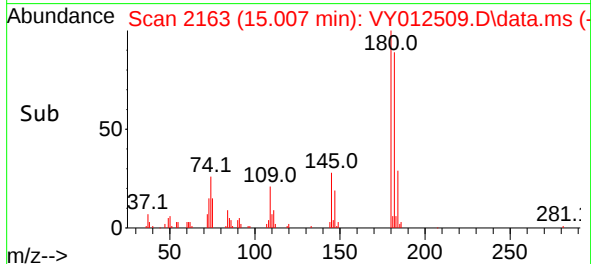
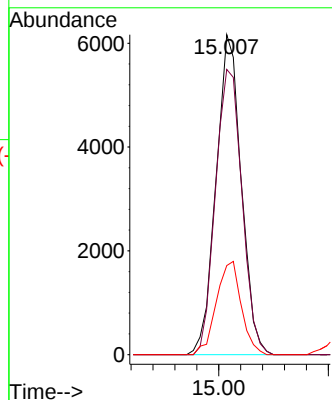
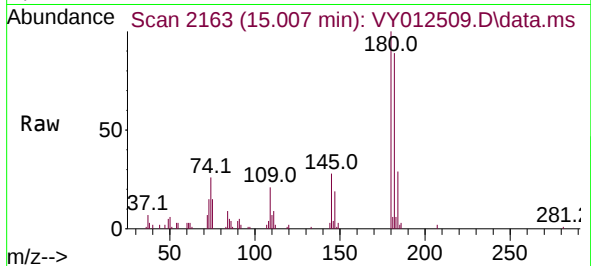




#93
1,2,4-Trichlorobenzene
Concen: 4.845 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

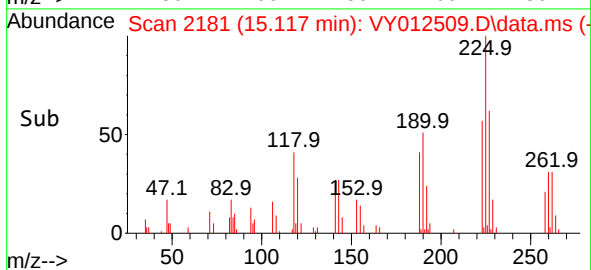
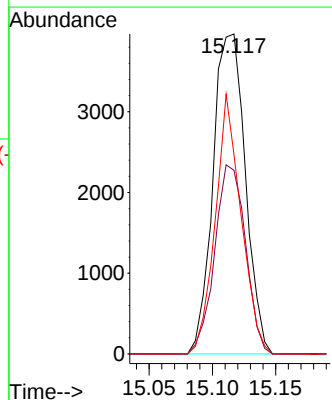
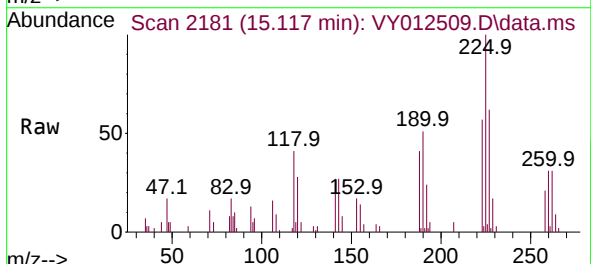
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

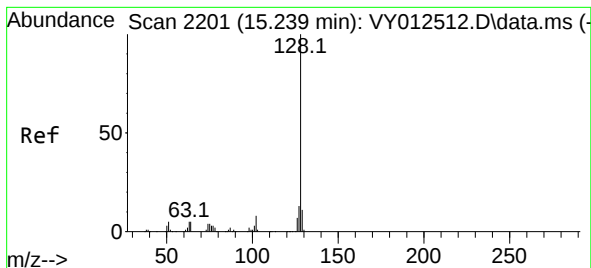
Tgt Ion:180 Resp: 9849
Ion Ratio Lower Upper
180 100
182 93.7 47.7 143.1
145 28.8 15.4 46.4



#94
Hexachlorobutadiene
Concen: 5.574 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY012509.D
Acq: 07 Feb 2023 09:51

Tgt Ion:225 Resp: 7039
Ion Ratio Lower Upper
225 100
223 56.3 31.1 93.3
227 64.6 31.9 95.5





#95

Naphthalene

Concen: 4.368 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

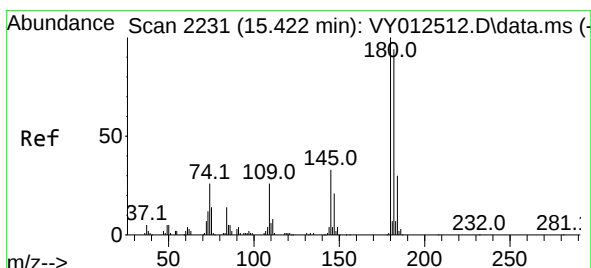
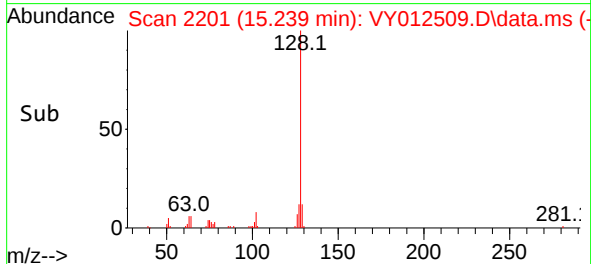
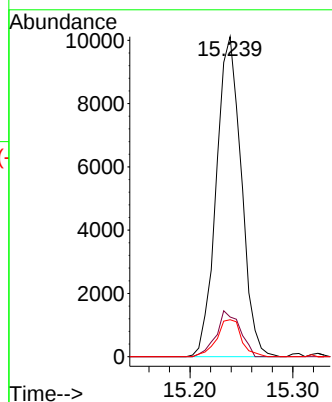
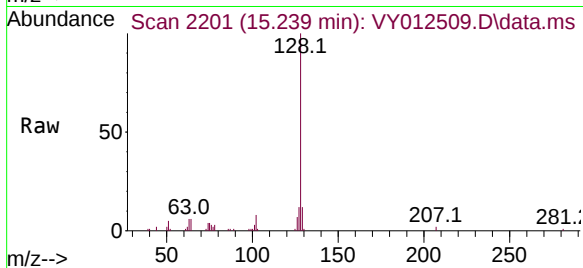
Tgt Ion:128 Resp: 17045

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 11.4 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 4.988 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012509.D

Acq: 07 Feb 2023 09:51

Tgt Ion:180 Resp: 8777

Ion Ratio Lower Upper

180 100

182 90.6 47.4 142.2

145 31.1 16.2 48.6

