

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010411.D
 Acq On : 09 Sep 2022 11:29
 Operator : KP/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 09 16:52:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 16:52:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	264478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	413561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	369603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	188559	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	14631	5.493	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.980%#
35) Dibromofluoromethane	7.710	113	14151	4.818	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.640%#
50) Toluene-d8	10.179	98	55157	5.794	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	11.580%#
62) 4-Bromofluorobenzene	12.483	95	19199	4.395	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	8.800%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	10732	5.296	ug/l	93
3) Chloromethane	2.107	50	15688	5.280	ug/l	97
4) Vinyl Chloride	2.247	62	18716	5.106	ug/l	95
5) Bromomethane	2.644	94	14746	5.742	ug/l	98
6) Chloroethane	2.784	64	12697	5.178	ug/l	97
7) Trichlorofluoromethane	3.119	101	24119	5.194	ug/l	96
8) Diethyl Ether	3.528	74	7803	5.188	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.887	101	14176	5.214	ug/l	95
10) Methyl Iodide	4.088	142	15157	4.505	ug/l	93
11) Tert butyl alcohol	4.942	59	11625	32.344	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	12999	5.097	ug/l	83
13) Acrolein	3.729	56	6635	26.110	ug/l	96
14) Allyl chloride	4.473	41	18538	5.047	ug/l #	94
15) Acrylonitrile	5.161	53	18370	25.233	ug/l	97
16) Acetone	3.942	43	16151	26.421	ug/l	90
17) Carbon Disulfide	4.186	76	33539	4.863	ug/l	100
18) Methyl Acetate	4.473	43	11120	5.913	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	35956	5.105	ug/l	94
20) Methylene Chloride	4.704	84	27682	7.420	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	14908	5.148	ug/l	84
22) Diisopropyl ether	6.112	45	40806	4.977	ug/l	94
23) Vinyl Acetate	6.058	43	112274	22.343	ug/l #	87
24) 1,1-Dichloroethane	6.009	63	25260	5.089	ug/l	97
25) 2-Butanone	6.978	43	26360	27.134	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	26850	5.668	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	17345	5.153	ug/l	92
28) Bromochloromethane	7.332	49	9329	5.861	ug/l #	78
29) Tetrahydrofuran	7.344	42	14874	24.532	ug/l #	84
30) Chloroform	7.502	83	27056	5.138	ug/l	97
31) Cyclohexane	7.783	56	25593	5.687	ug/l #	72
32) 1,1,1-Trichloroethane	7.698	97	23847	5.002	ug/l	96
36) 1,1-Dichloropropene	7.911	75	20418	5.078	ug/l	96
37) Ethyl Acetate	7.070	43	10682	5.053	ug/l #	96
38) Carbon Tetrachloride	7.893	117	22015	4.921	ug/l	97
39) Methylcyclohexane	9.179	83	25216	5.029	ug/l	89
40) Benzene	8.155	78	58996	5.097	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010411.D
 Acq On : 09 Sep 2022 11:29
 Operator : KP/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 09 16:52:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 16:52:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	14282	12.457	ug/l #	18
42) 1,2-Dichloroethane	8.234	62	17612	5.117	ug/l	91
43) Isopropyl Acetate	8.271	43	18670	4.826	ug/l #	89
44) Trichloroethene	8.935	130	17305	5.079	ug/l	94
45) 1,2-Dichloropropane	9.216	63	14377	5.093	ug/l	96
46) Dibromomethane	9.301	93	8696	5.108	ug/l	97
47) Bromodichloromethane	9.496	83	20024	4.952	ug/l	98
48) Methyl methacrylate	9.289	41	7735	4.452	ug/l #	79
49) 1,4-Dioxane	9.295	88	2167	96.159	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	49798	23.469	ug/l	89
52) Toluene	10.240	92	37839	4.995	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	20359	4.892	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	23411	4.988	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	12778	5.277	ug/l	89
56) Ethyl methacrylate	10.508	69	15050	4.732	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	20242	5.027	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	38149	35.261	ug/l	92
59) 2-Hexanone	10.831	43	32097	22.191	ug/l	86
60) Dibromochloromethane	10.984	129	14495	4.898	ug/l	99
61) 1,2-Dibromoethane	11.087	107	12017	5.112	ug/l	100
64) Tetrachloroethene	10.715	164	17247	5.177	ug/l	98
65) Chlorobenzene	11.514	112	43124	5.217	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	15393	5.028	ug/l	98
67) Ethyl Benzene	11.593	91	74170	5.070	ug/l	99
68) m/p-Xylenes	11.703	106	57205	9.961	ug/l	93
69) o-Xylene	12.026	106	27196	4.959	ug/l	94
70) Styrene	12.044	104	45356	4.887	ug/l	95
71) Bromoform	12.209	173	9225	4.820	ug/l #	98
73) Isopropylbenzene	12.331	105	73328	4.984	ug/l	99
74) N-amyl acetate	12.142	43	14585	4.249	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	13965	5.074	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	17461	8.518	ug/l #	100
77) Bromobenzene	12.605	156	17802	5.107	ug/l	90
78) n-propylbenzene	12.672	91	86578	4.970	ug/l	96
79) 2-Chlorotoluene	12.758	91	50054	5.115	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	61965	4.992	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	4373	4.666	ug/l	91
82) 4-Chlorotoluene	12.855	91	51217	5.031	ug/l	96
83) tert-Butylbenzene	13.075	119	54082	4.985	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	60056	4.945	ug/l	98
85) sec-Butylbenzene	13.251	105	81300	5.061	ug/l	99
86) p-Isopropyltoluene	13.367	119	66710	4.909	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	36427	5.204	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	36506	5.266	ug/l	96
89) n-Butylbenzene	13.697	91	61616	4.995	ug/l	99
90) Hexachloroethane	13.959	117	13475	5.281	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	32453	5.234	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2441	5.255	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	19197	4.985	ug/l	94
94) Hexachlorobutadiene	15.111	225	12416	5.344	ug/l	95
95) Naphthalene	15.233	128	36435	4.797	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	17162	5.105	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
Data File : VY010411.D
Acq On : 09 Sep 2022 11:29
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Sep 09 16:52:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 09 16:52:24 2022
Response via : Initial Calibration

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

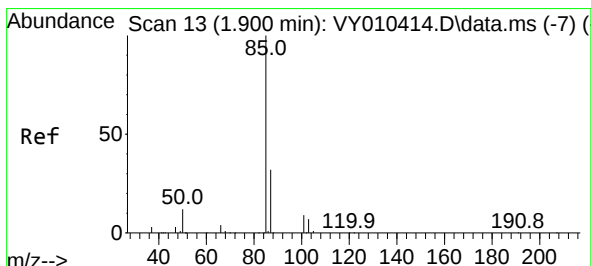
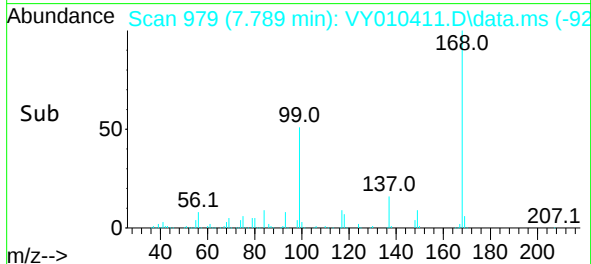
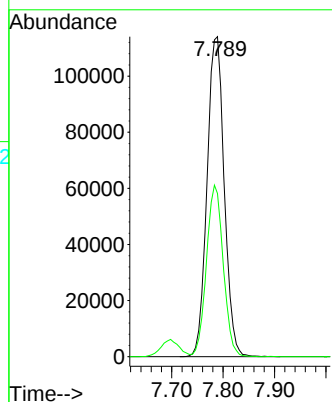
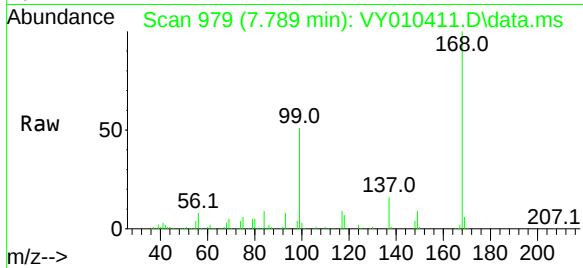
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

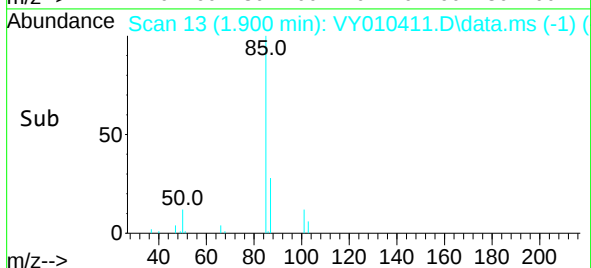
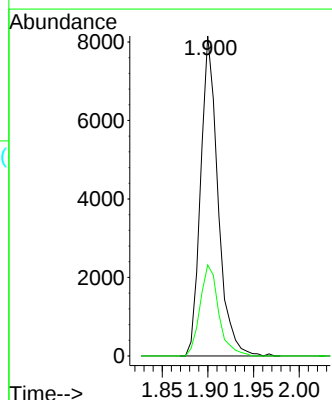
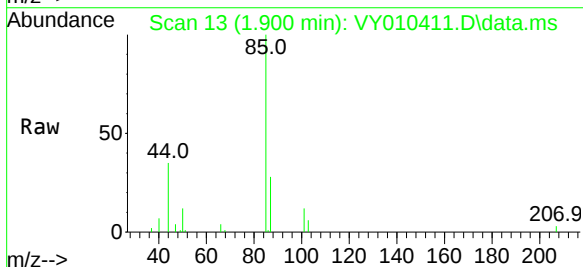
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

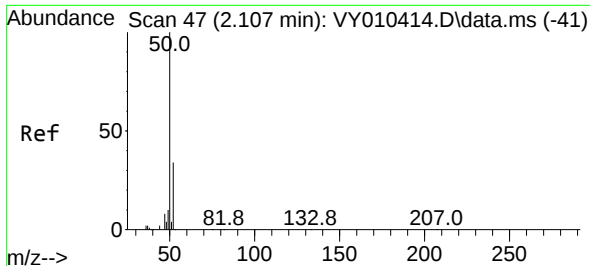
Tgt Ion:168 Resp: 264478
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 5.296 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion: 85 Resp: 10732
Ion Ratio Lower Upper
85 100
87 28.4 16.1 48.2

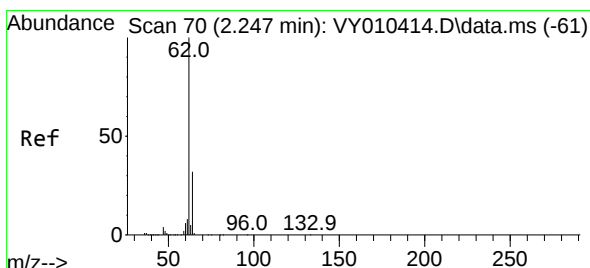
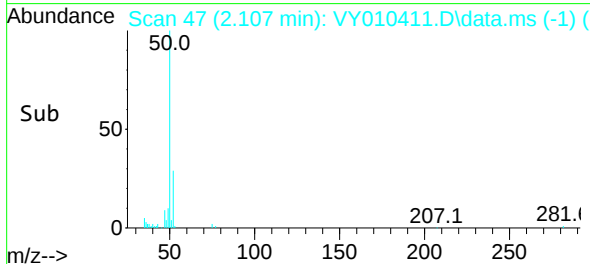
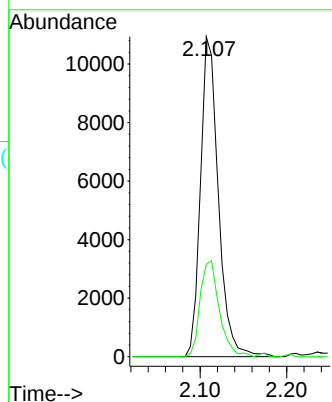
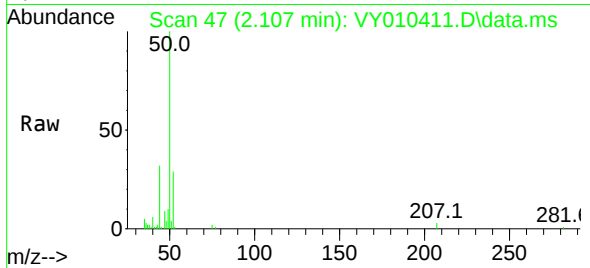




#3
Chloromethane
Concen: 5.280 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

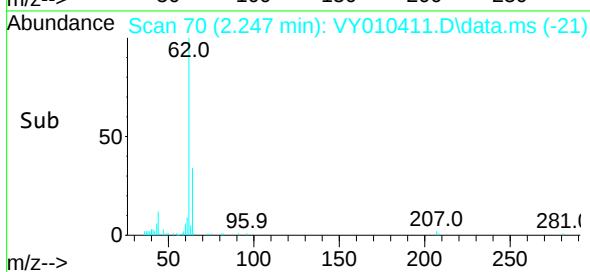
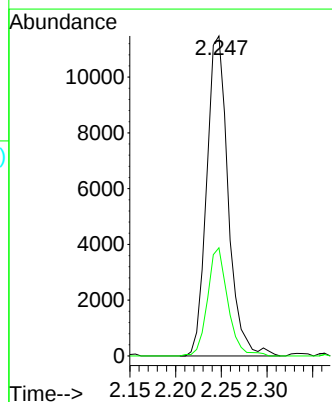
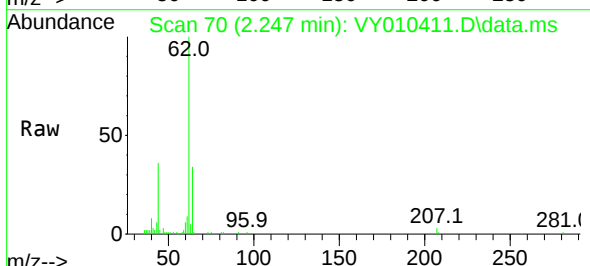
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

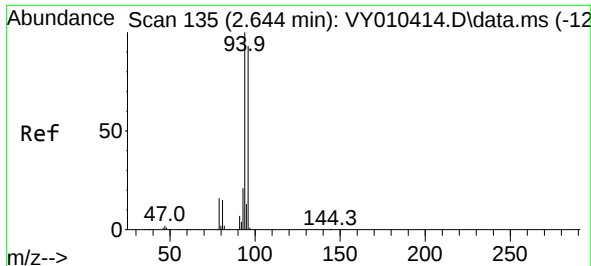
Tgt Ion: 50 Resp: 15688
Ion Ratio Lower Upper
50 100
52 28.9 24.6 37.0



#4
Vinyl Chloride
Concen: 5.106 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion: 62 Resp: 18716
Ion Ratio Lower Upper
62 100
64 33.8 25.0 37.6

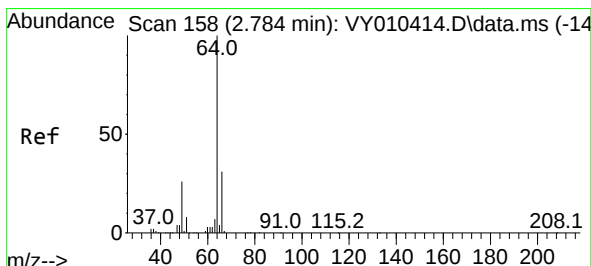
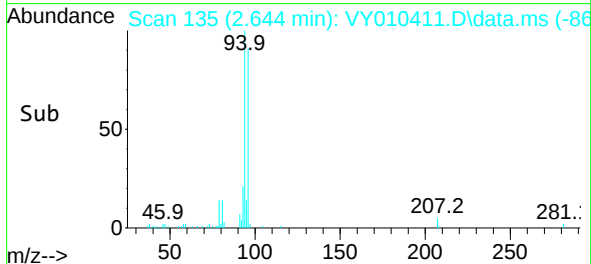
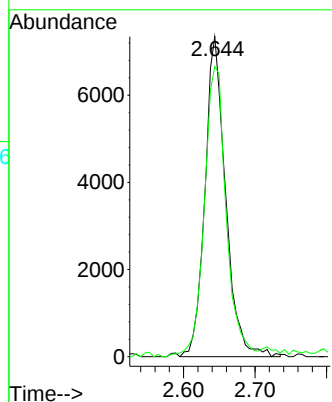
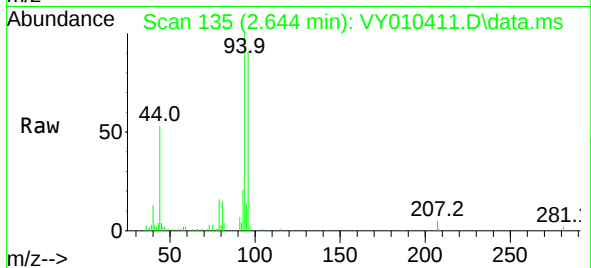




#5
Bromomethane
Concen: 5.742 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

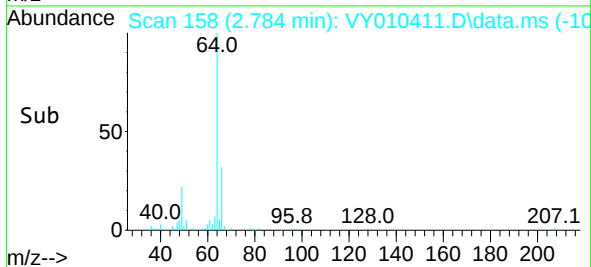
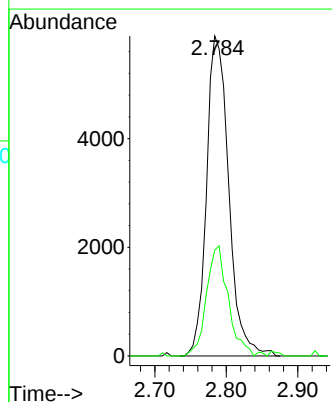
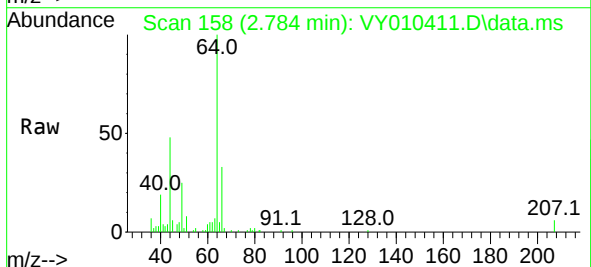
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

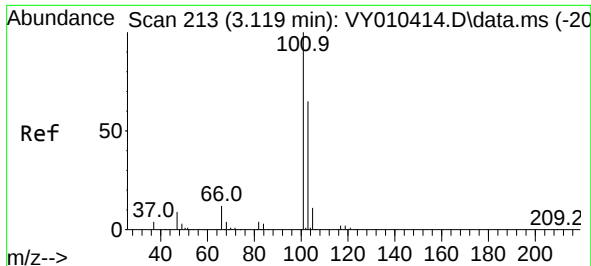
Tgt Ion: 94 Resp: 14746
Ion Ratio Lower Upper
94 100
96 89.5 73.5 110.3



#6
Chloroethane
Concen: 5.178 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion: 64 Resp: 12697
Ion Ratio Lower Upper
64 100
66 33.1 25.4 38.0

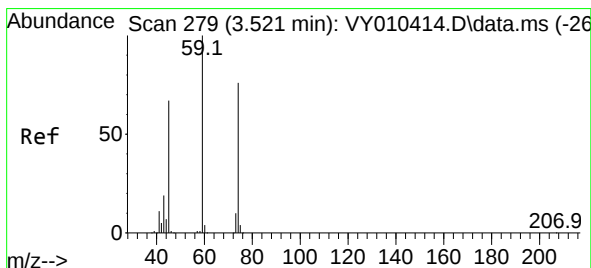
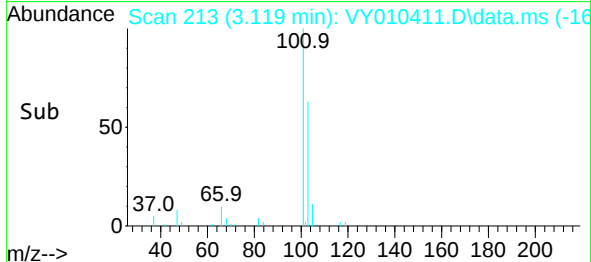
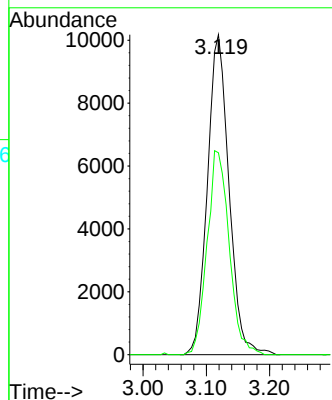
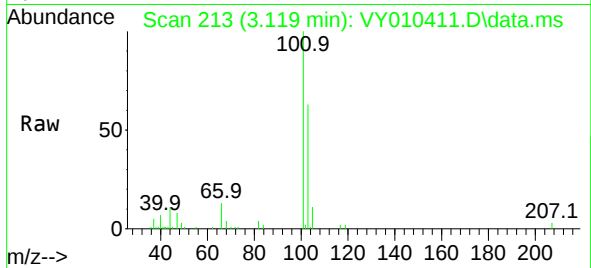




#7
 Trichlorofluoromethane
 Concen: 5.194 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY010411.D
 Acq: 09 Sep 2022 11:29

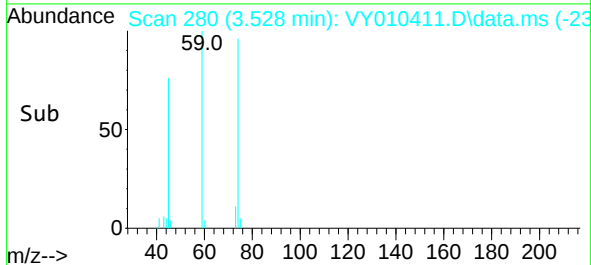
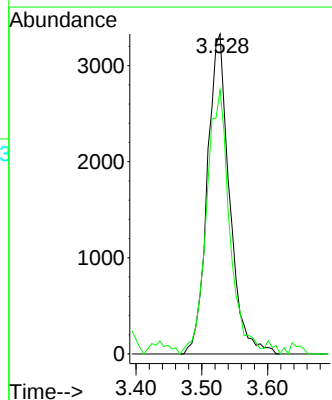
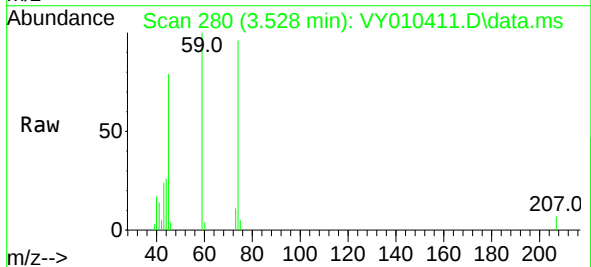
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

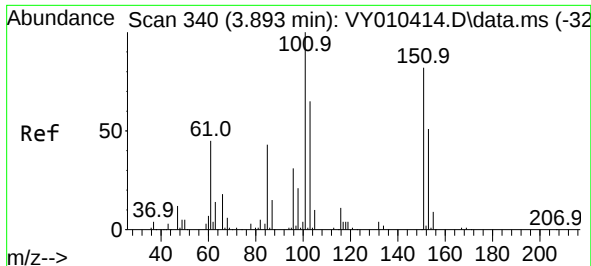
Tgt Ion: 101 Resp: 24119
 Ion Ratio Lower Upper
 101 100
 103 63.1 48.0 72.0



#8
 Diethyl Ether
 Concen: 5.188 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY010411.D
 Acq: 09 Sep 2022 11:29

Tgt Ion: 74 Resp: 7803
 Ion Ratio Lower Upper
 74 100
 45 85.7 55.1 165.5

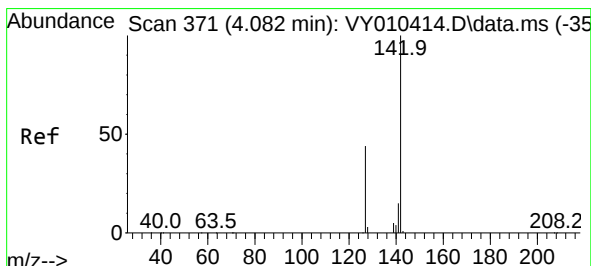
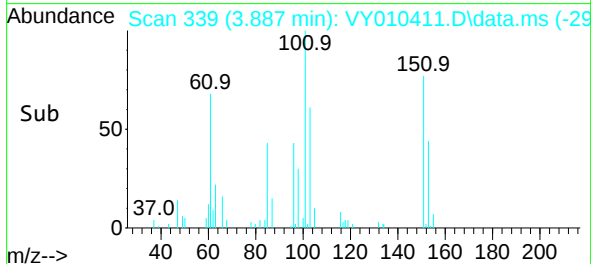
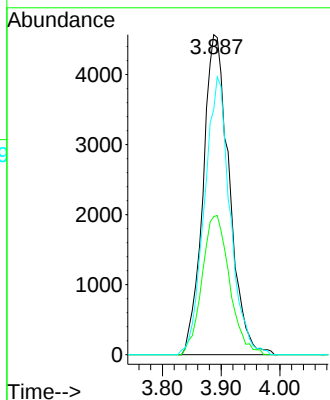
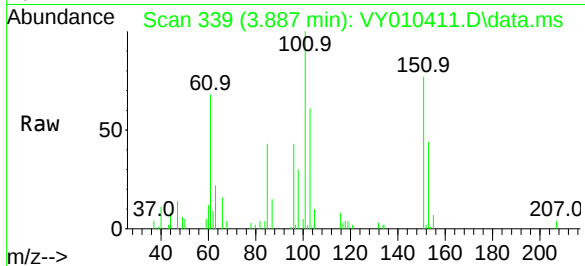




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.214 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

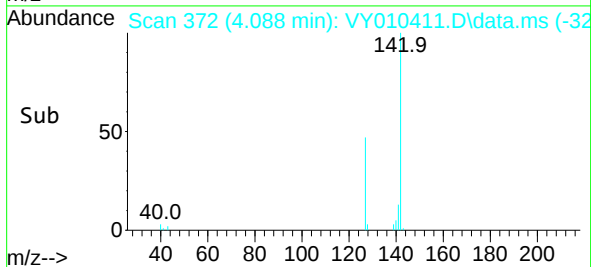
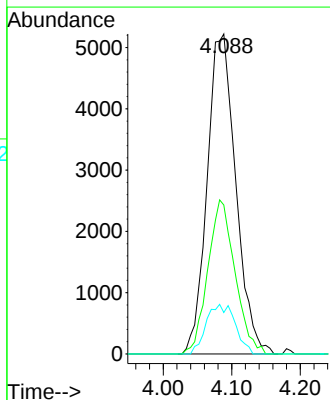
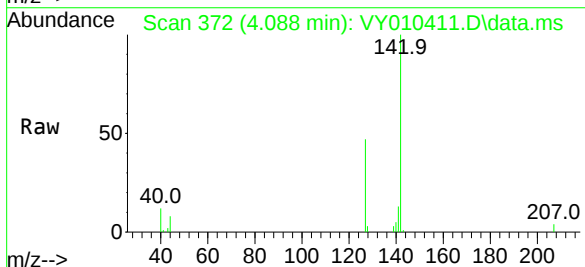
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

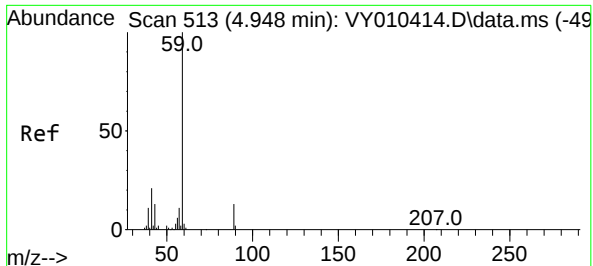
Tgt Ion:101 Resp: 14176
Ion Ratio Lower Upper
101 100
85 45.5 40.6 60.8
151 84.9 64.9 97.3



#10
Methyl Iodide
Concen: 4.505 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion:142 Resp: 15157
Ion Ratio Lower Upper
142 100
127 45.6 41.5 62.3
141 15.7 11.9 17.9

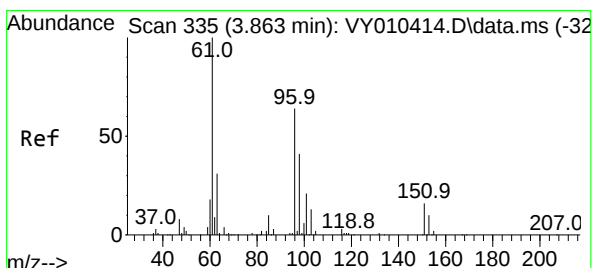
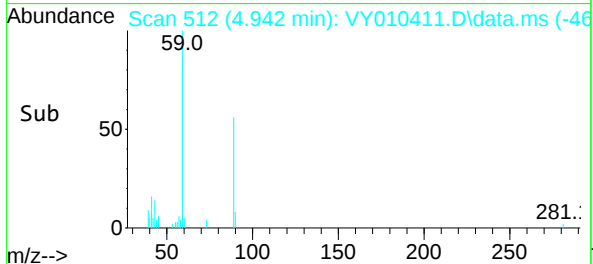
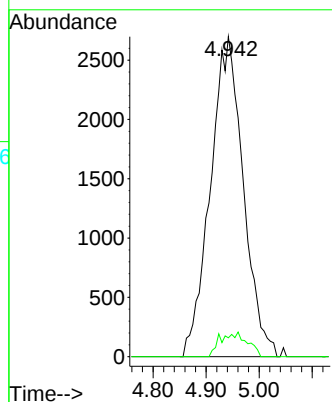
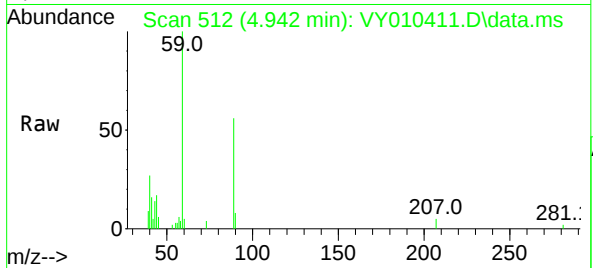




#11
Tert butyl alcohol
Concen: 32.344 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

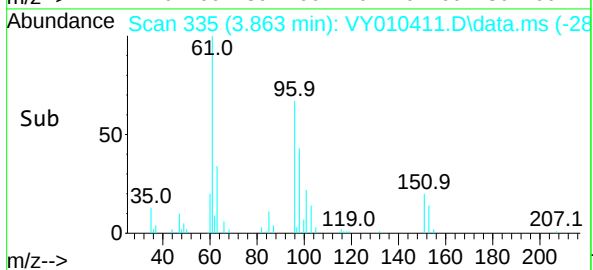
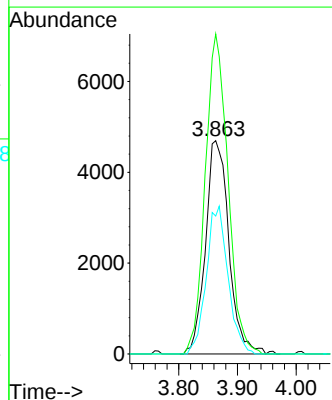
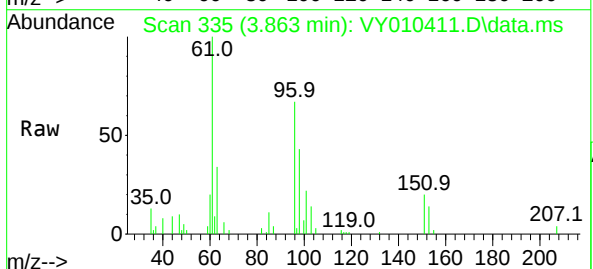
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

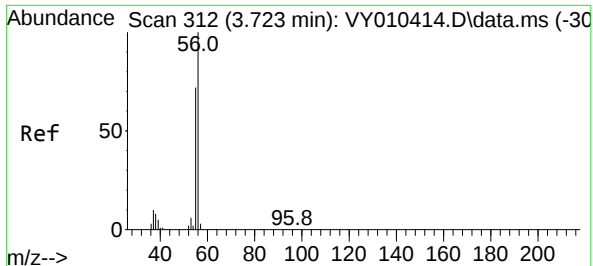
Tgt Ion: 59 Resp: 11625
Ion Ratio Lower Upper
59 100
57 6.2 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 5.097 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion: 96 Resp: 12999
Ion Ratio Lower Upper
96 100
61 150.1 145.8 218.6
98 64.7 52.5 78.7





#13

Acrolein

Concen: 26.110 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

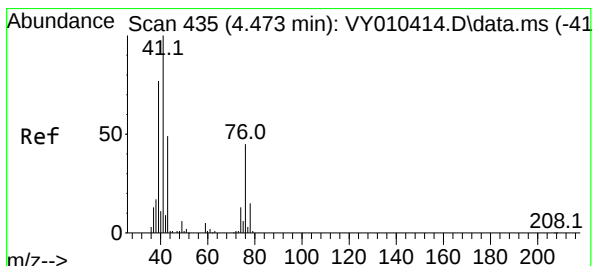
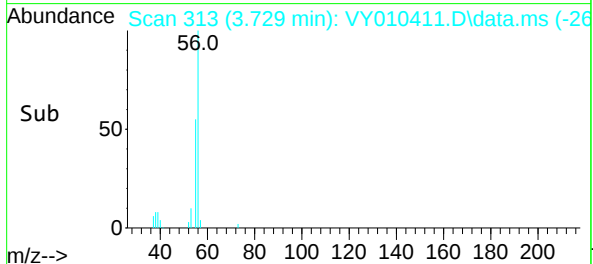
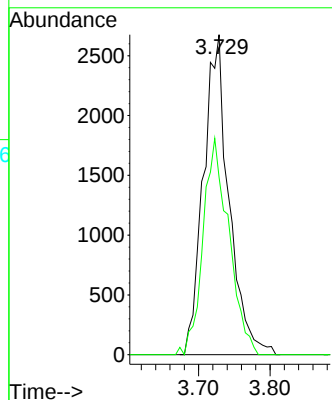
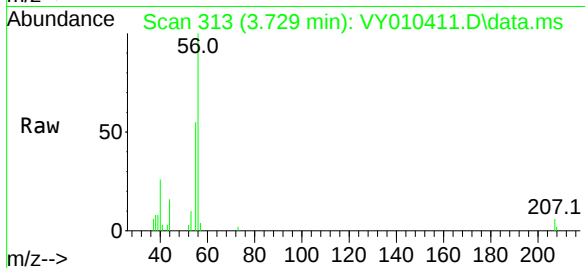
VSTDIC005

Tgt Ion: 56 Resp: 6635

Ion Ratio Lower Upper

56 100

55 68.4 57.6 86.4



#14

Allyl chloride

Concen: 5.047 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

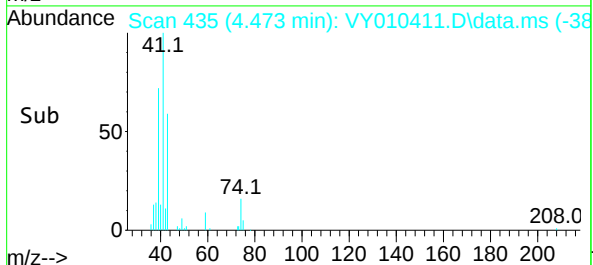
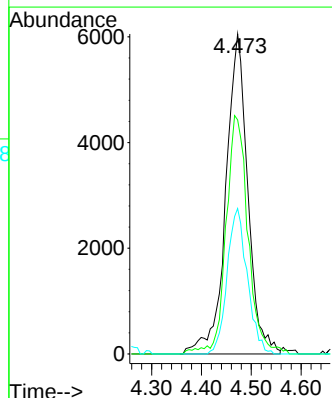
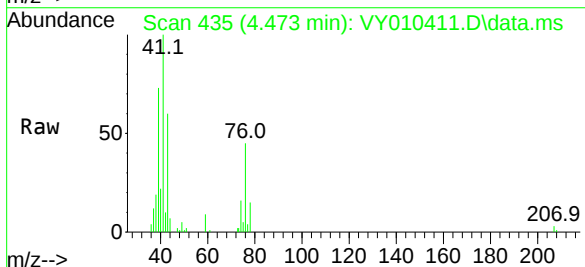
Tgt Ion: 41 Resp: 18538

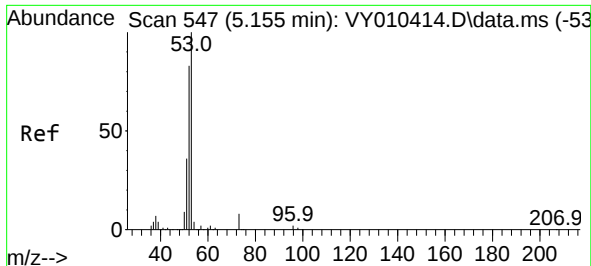
Ion Ratio Lower Upper

41 100

39 74.5 58.8 88.2

76 41.7 25.1 37.7#

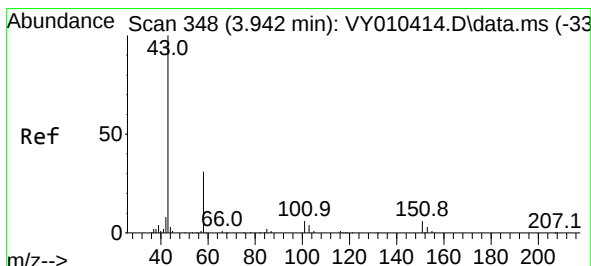
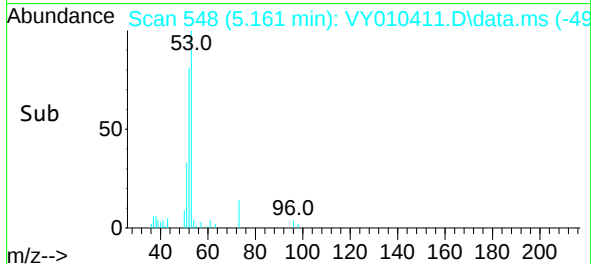
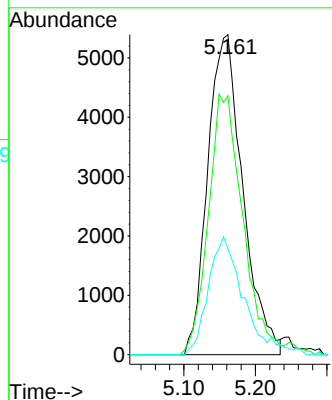
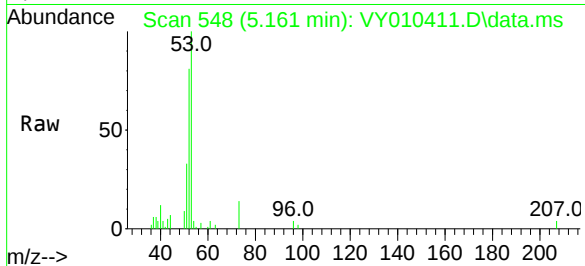




#15
Acrylonitrile
Concen: 25.233 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

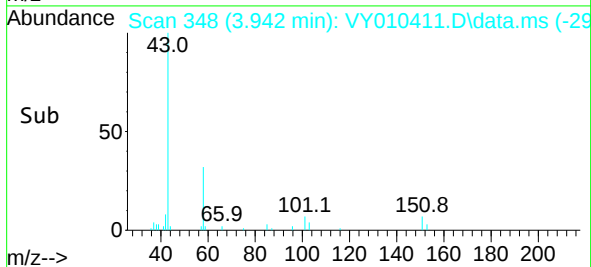
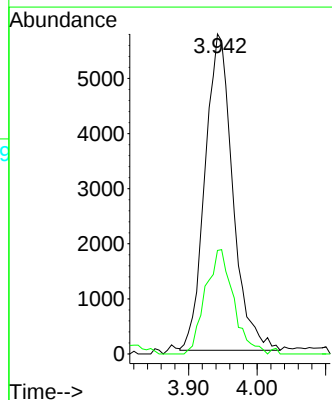
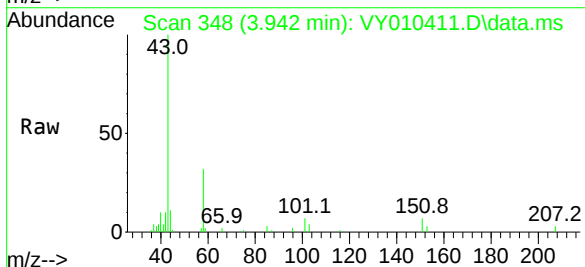
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

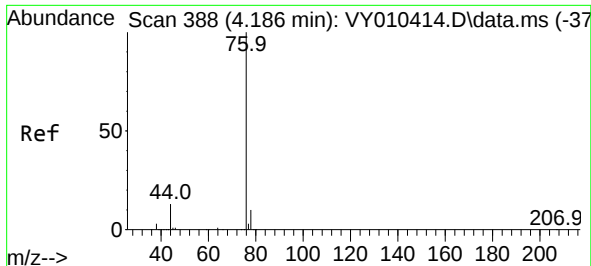
Tgt Ion: 53 Resp: 18370
Ion Ratio Lower Upper
53 100
52 79.9 67.0 100.4
51 37.3 29.8 44.6



#16
Acetone
Concen: 26.421 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion: 43 Resp: 16151
Ion Ratio Lower Upper
43 100
58 32.7 22.0 33.0

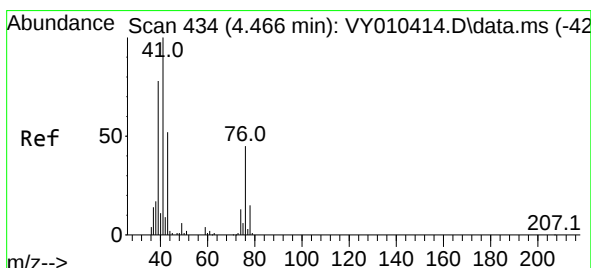
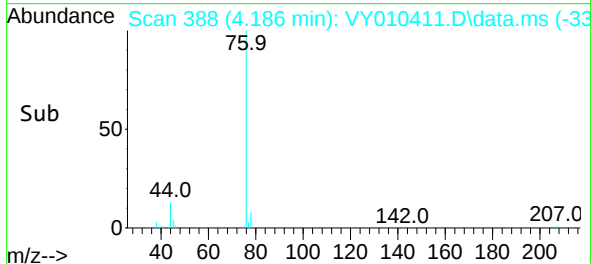
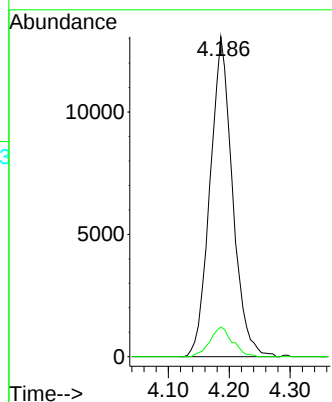
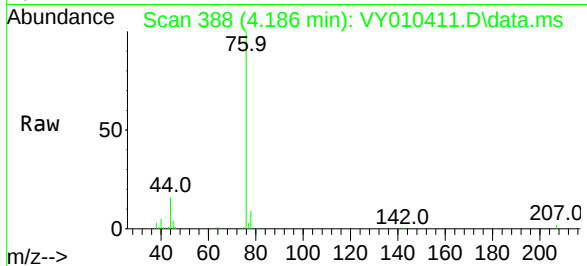




#17
Carbon Disulfide
Concen: 4.863 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

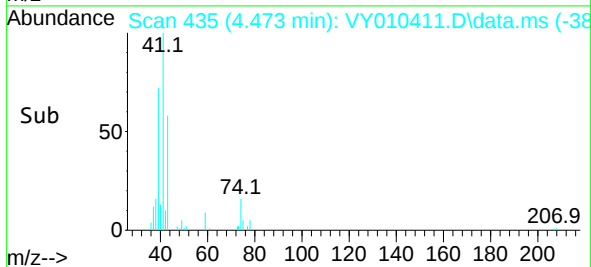
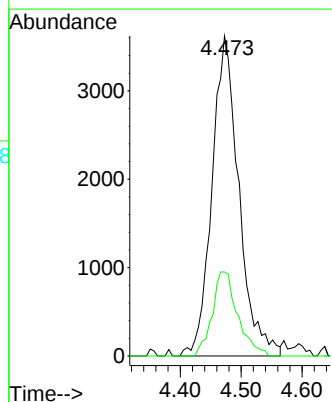
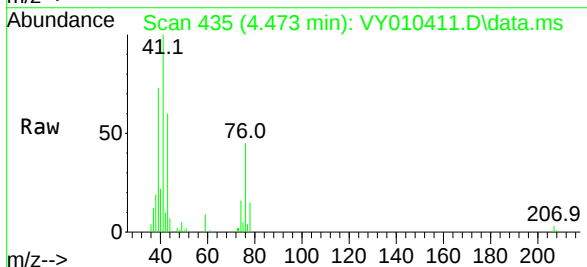
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

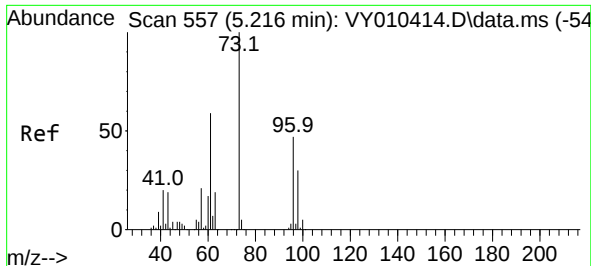
Tgt Ion: 76 Resp: 33539
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 5.913 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion: 43 Resp: 11120
Ion Ratio Lower Upper
43 100
74 24.8 16.6 24.8

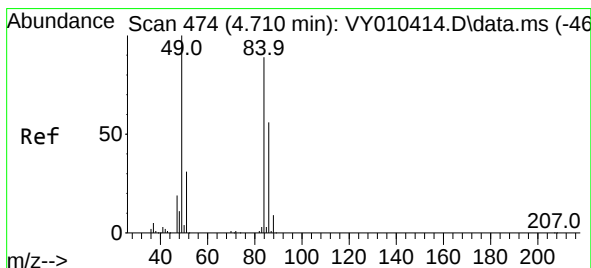
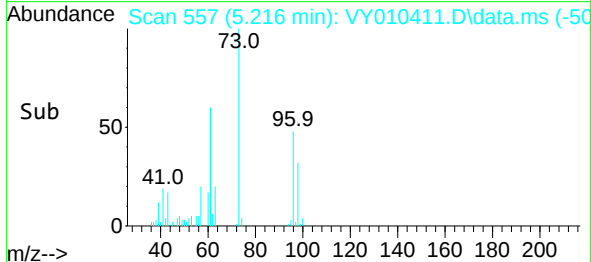
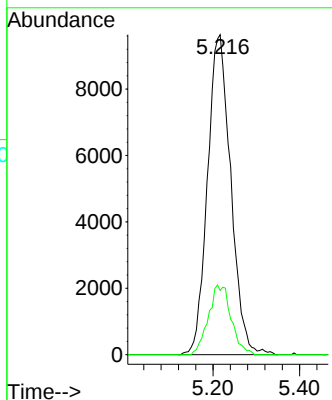
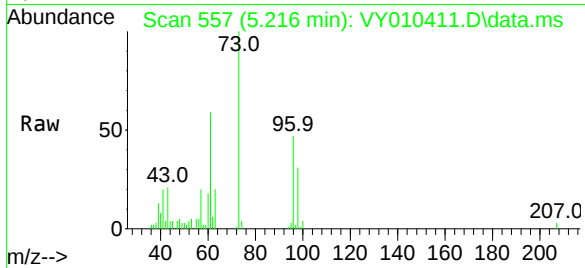




#19
Methyl tert-butyl Ether
Concen: 5.105 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

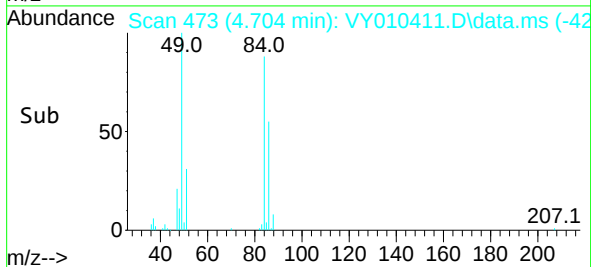
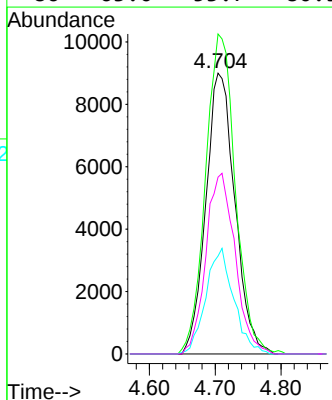
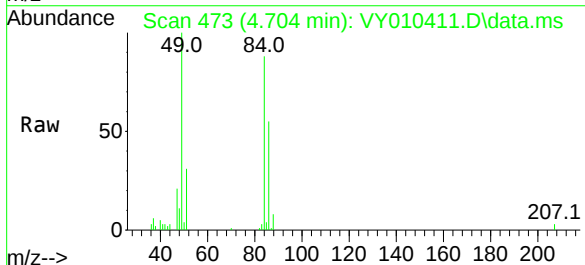
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

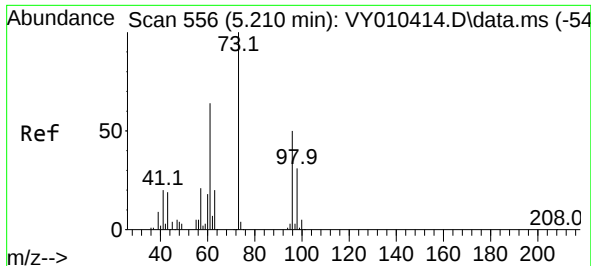
Tgt Ion: 73 Resp: 35956
Ion Ratio Lower Upper
73 100
57 20.1 18.6 27.8



#20
Methylene Chloride
Concen: 7.420 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion: 84 Resp: 27682
Ion Ratio Lower Upper
84 100
49 113.9 114.4 171.6#
51 34.9 35.3 52.9#
86 63.0 53.7 80.5

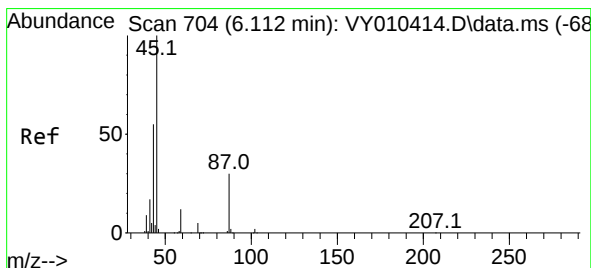
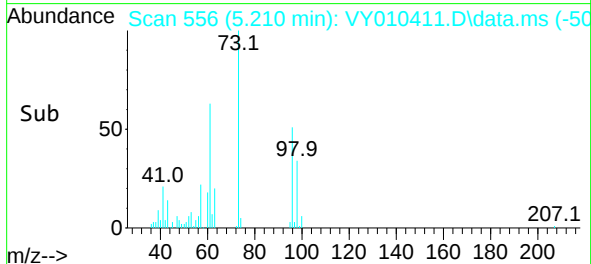
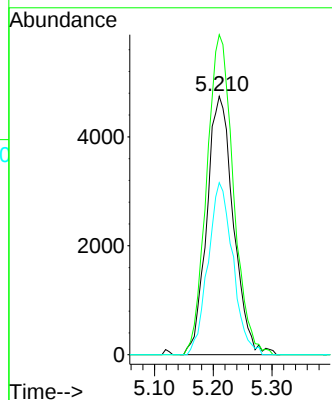
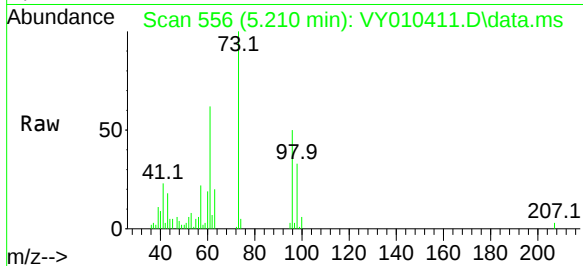




#21
trans-1,2-Dichloroethene
Concen: 5.148 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

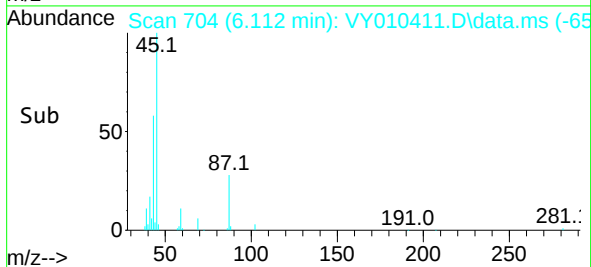
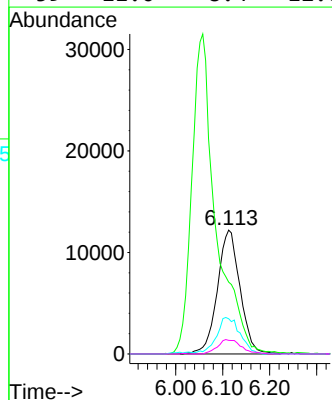
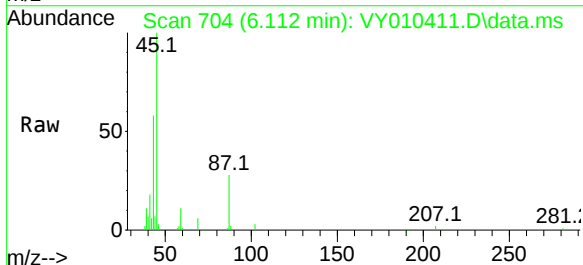
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

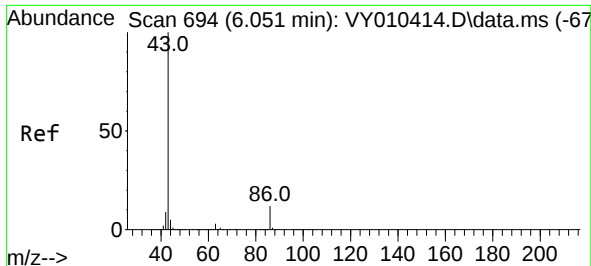
Tgt Ion: 96 Resp: 14908
Ion Ratio Lower Upper
96 100
61 123.9 120.5 180.7
98 66.6 49.8 74.8



#22
Diisopropyl ether
Concen: 4.977 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion: 45 Resp: 40806
Ion Ratio Lower Upper
45 100
43 57.1 49.3 73.9
87 28.4 19.2 28.8
59 11.0 8.4 12.6

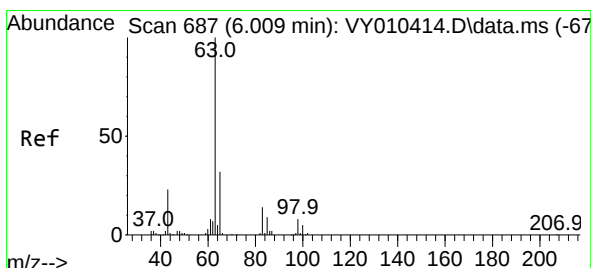
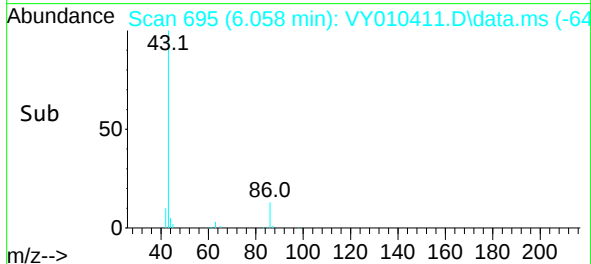
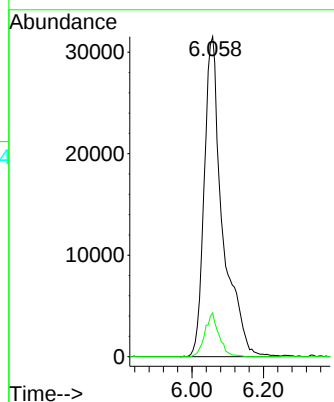
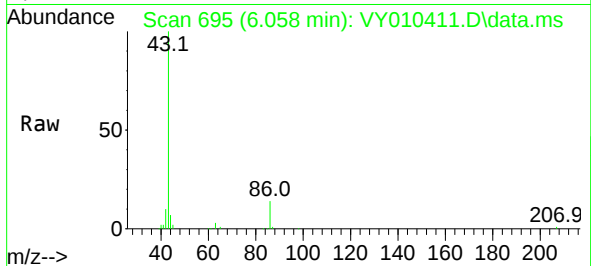




#23
 Vinyl Acetate
 Concen: 22.343 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY010411.D
 Acq: 09 Sep 2022 11:29

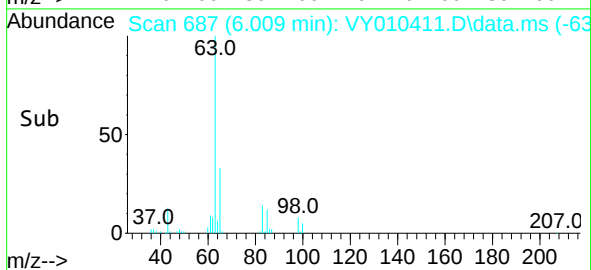
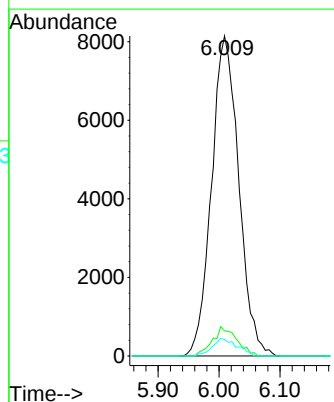
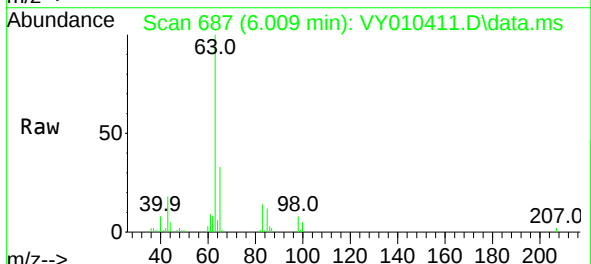
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 112274
 Ion Ratio Lower Upper
 43 100
 86 13.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 5.089 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY010411.D
 Acq: 09 Sep 2022 11:29

Tgt Ion: 63 Resp: 25260
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 5.2 2.0 5.8

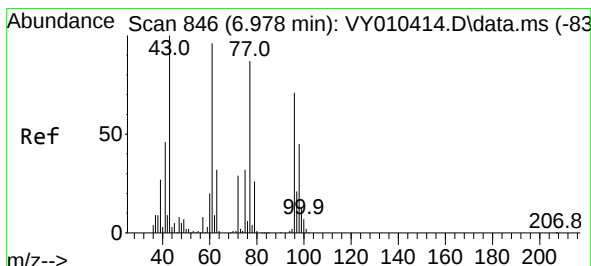
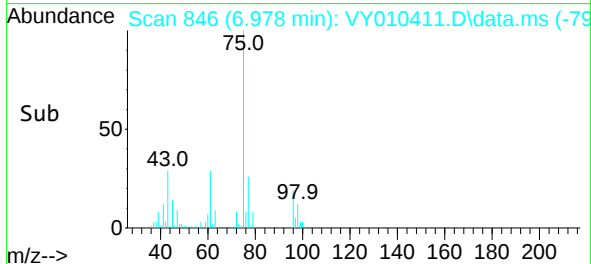
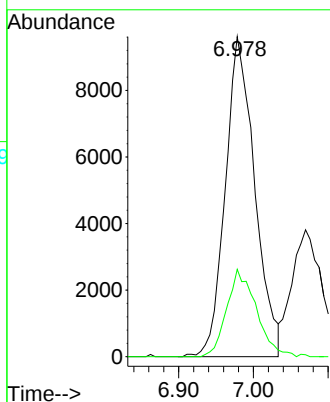
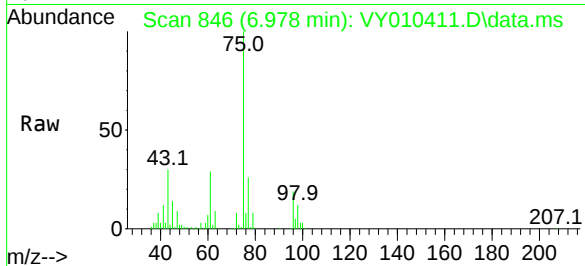




#25
2-Butanone
Concen: 27.134 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

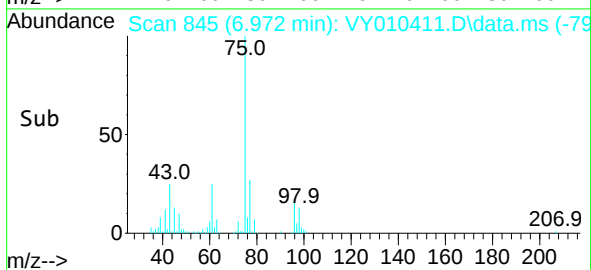
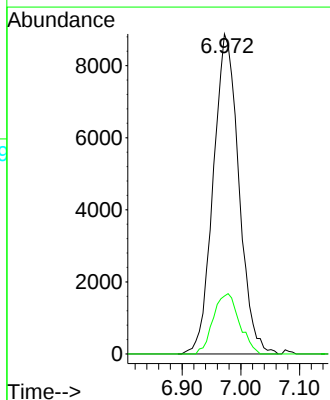
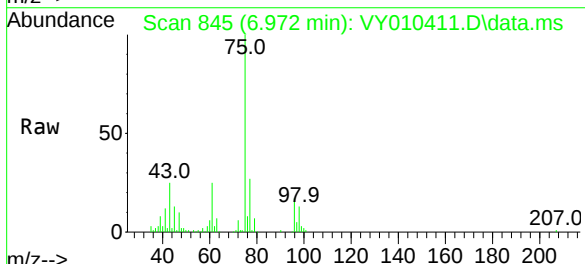
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 26360
Ion Ratio Lower Upper
43 100
72 27.3 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 5.668 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion: 77 Resp: 26850
Ion Ratio Lower Upper
77 100
97 19.2 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 5.153 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

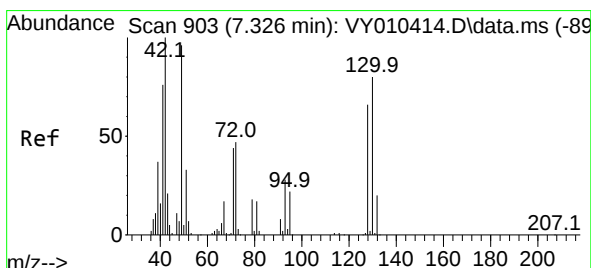
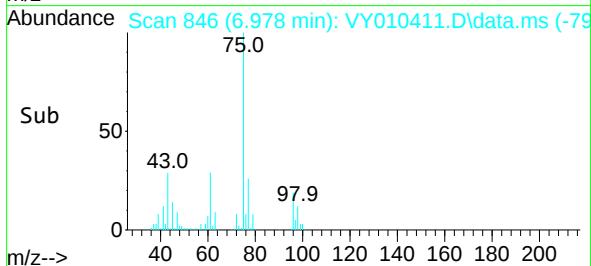
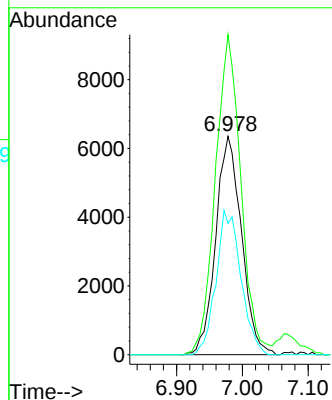
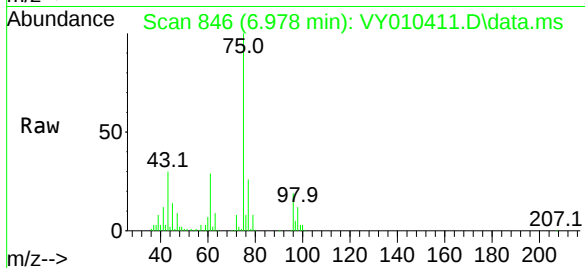
Tgt Ion: 96 Resp: 17345

Ion Ratio Lower Upper

96 100

61 145.1 0.0 319.8

98 63.8 0.0 127.0



#28

Bromochloromethane

Concen: 5.861 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

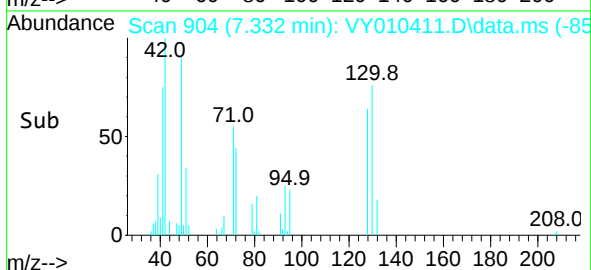
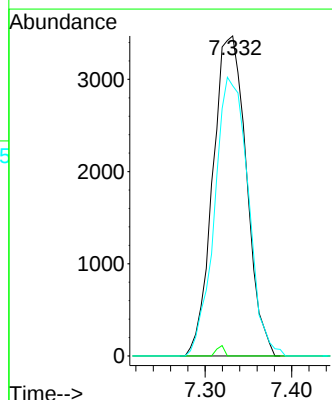
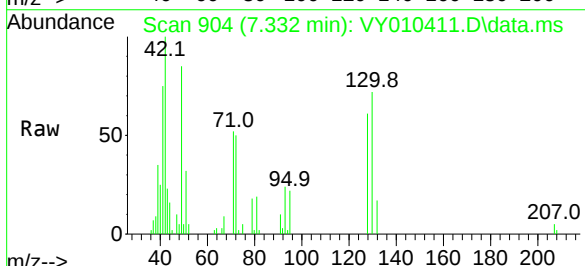
Tgt Ion: 49 Resp: 9329

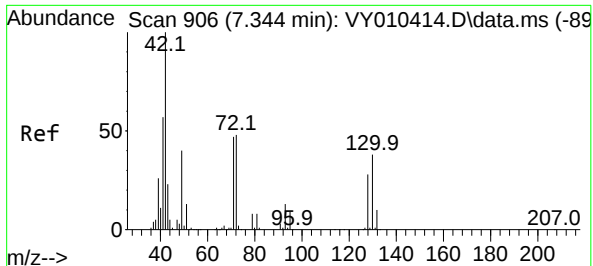
Ion Ratio Lower Upper

49 100

129 0.7 0.0 2.2

130 87.4 55.4 83.0#





#29

Tetrahydrofuran

Concen: 24.532 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

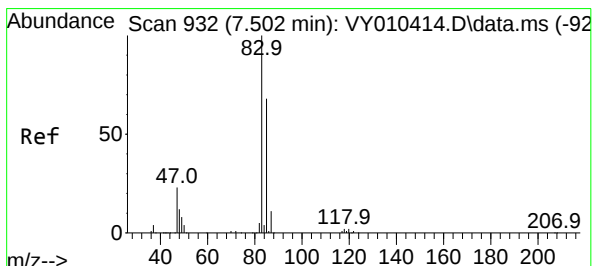
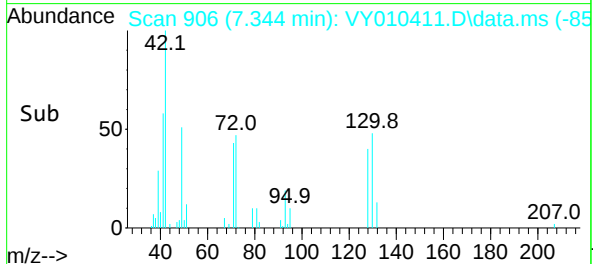
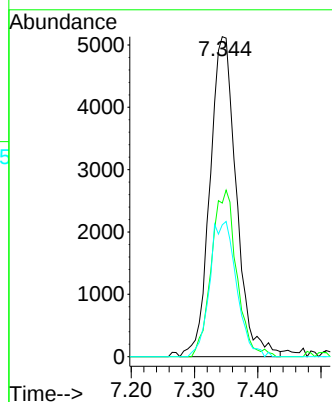
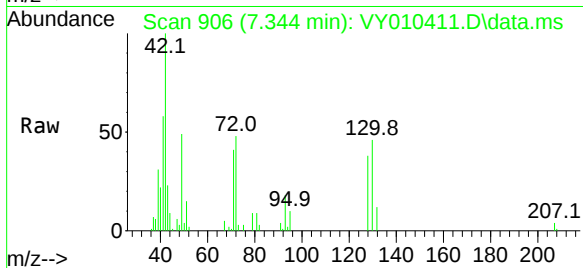
Tgt Ion: 42 Resp: 14874

Ion Ratio Lower Upper

42 100

72 49.8 30.3 45.5#

71 43.0 29.0 43.4



#30

Chloroform

Concen: 5.138 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY010411.D

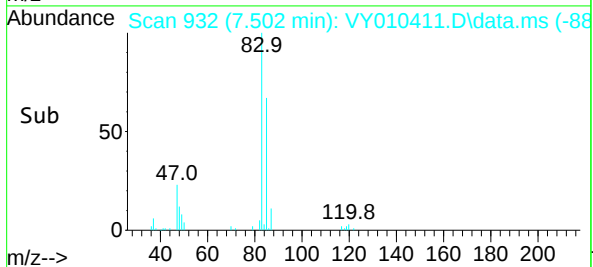
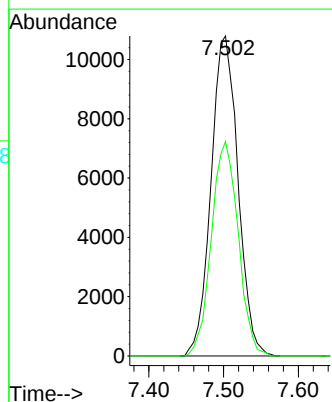
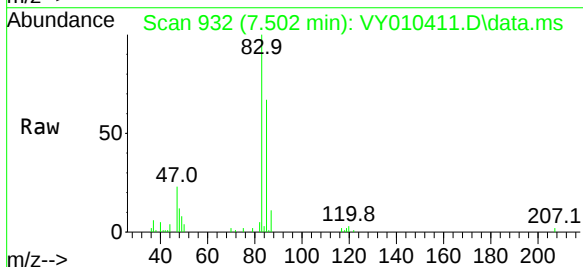
Acq: 09 Sep 2022 11:29

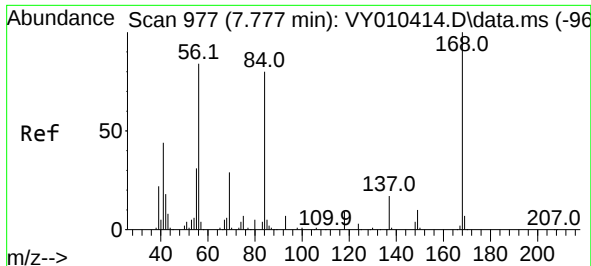
Tgt Ion: 83 Resp: 27056

Ion Ratio Lower Upper

83 100

85 67.0 51.8 77.6

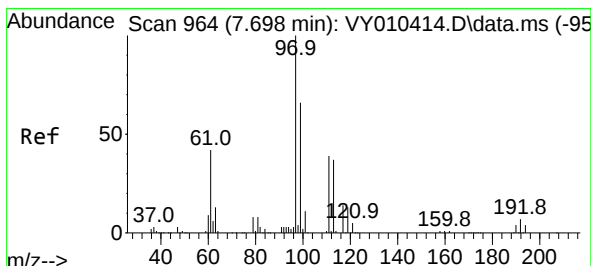
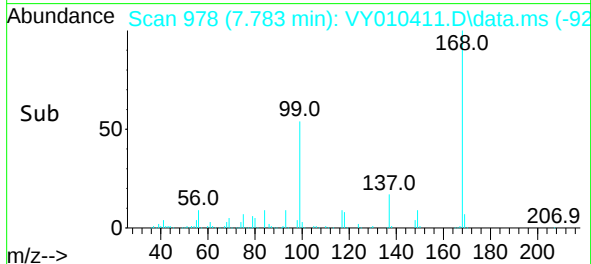
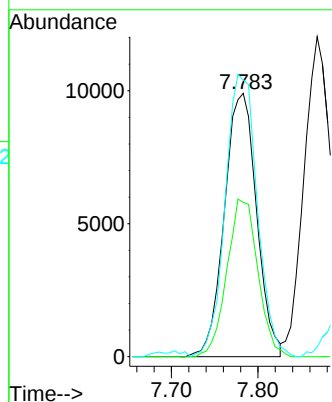
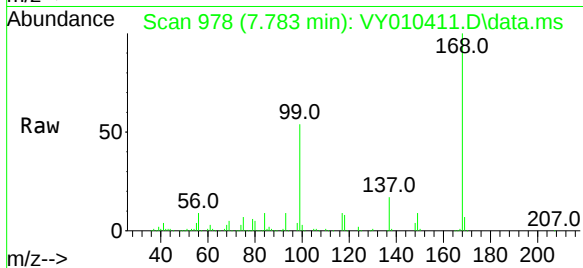




#31
Cyclohexane
Concen: 5.687 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

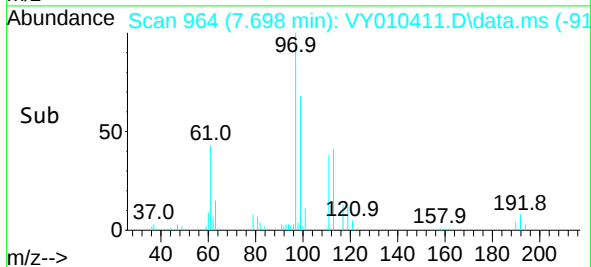
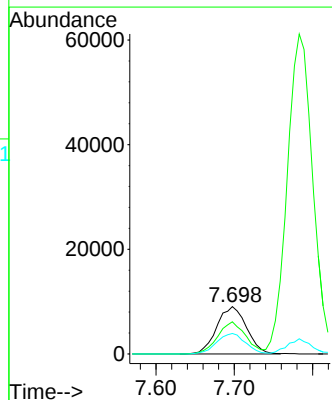
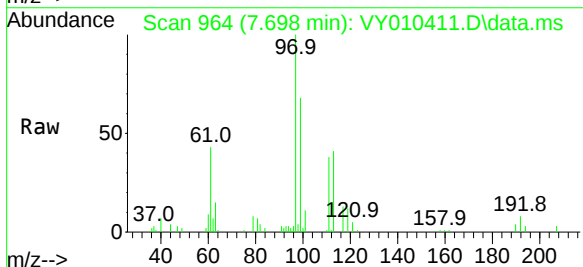
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

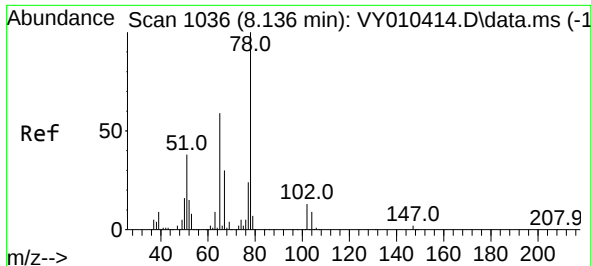
Tgt Ion: 56 Resp: 25593
Ion Ratio Lower Upper
56 100
69 58.6 26.7 40.1#
84 104.1 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 5.002 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion: 97 Resp: 23847
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 42.0 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 5.493 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

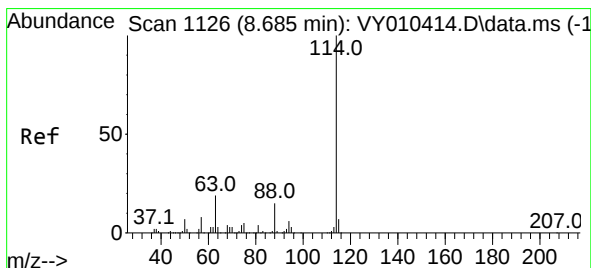
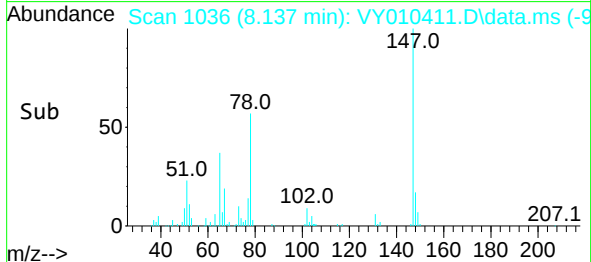
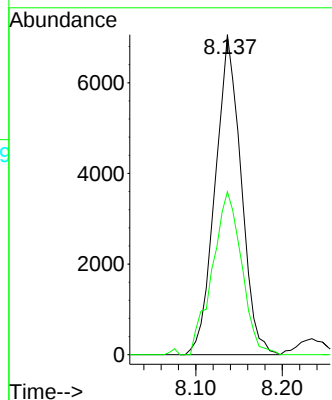
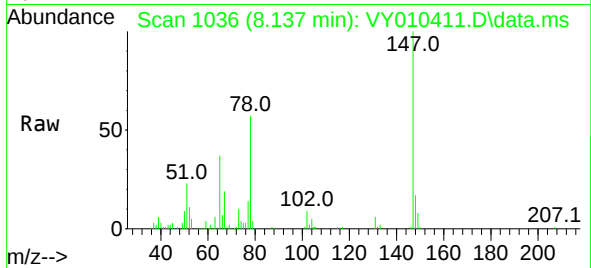
VSTDIC005

Tgt Ion: 65 Resp: 14631

Ion Ratio Lower Upper

65 100

67 57.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

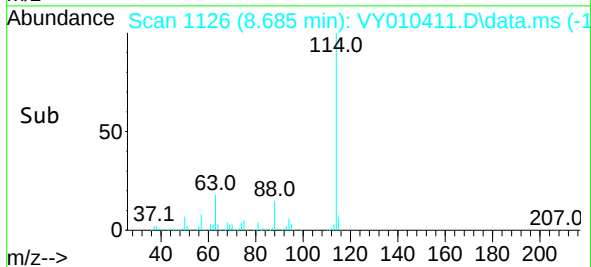
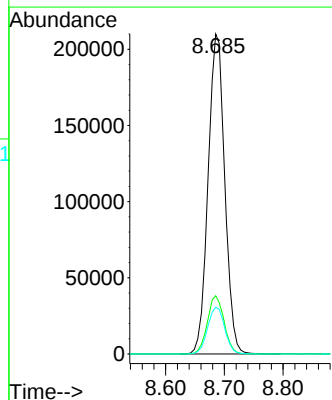
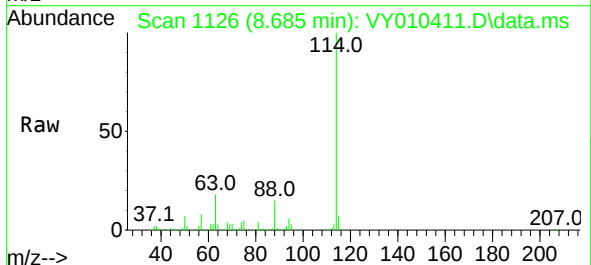
Tgt Ion: 114 Resp: 413561

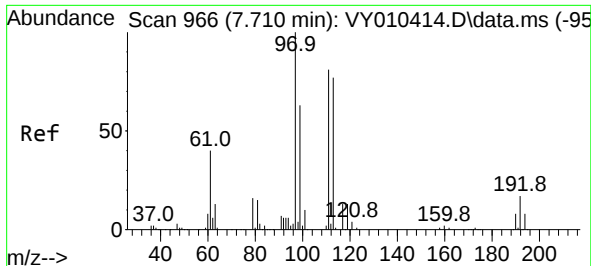
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 4.818 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

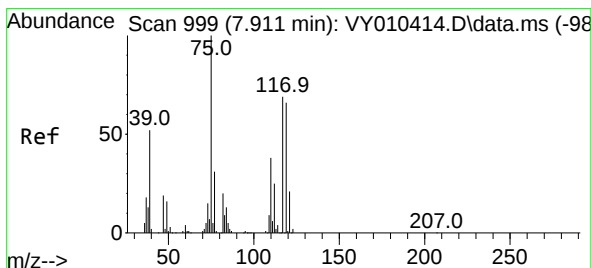
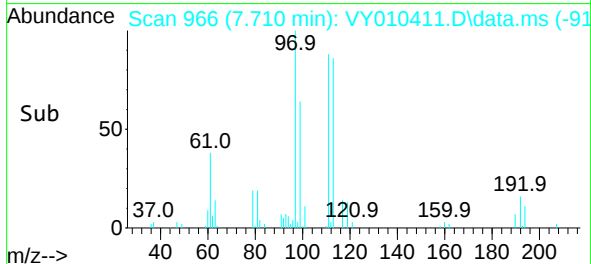
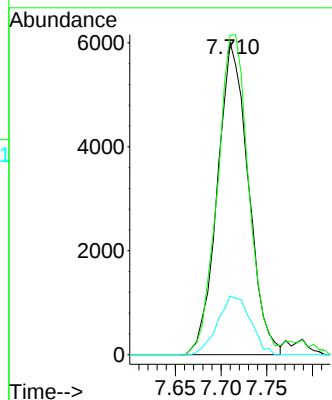
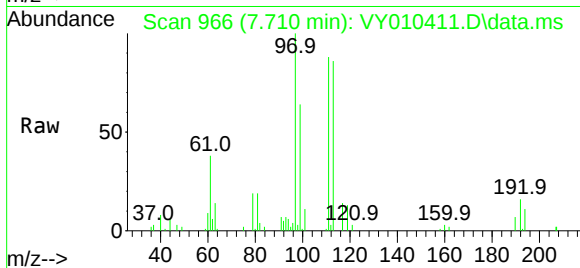
Tgt Ion:113 Resp: 14151

Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 19.9 17.6 26.4



#36

1,1-Dichloropropene

Concen: 5.078 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

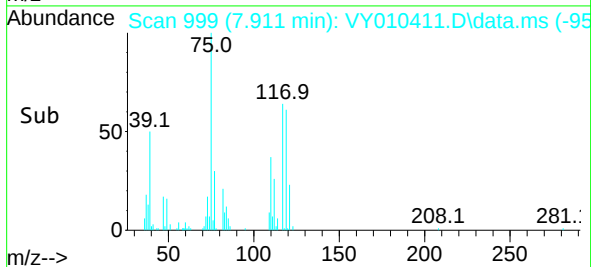
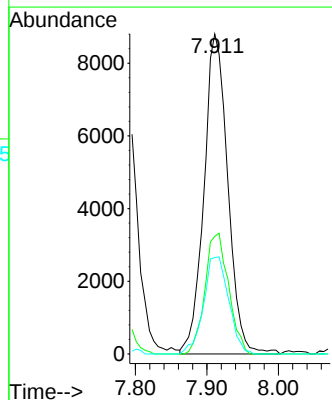
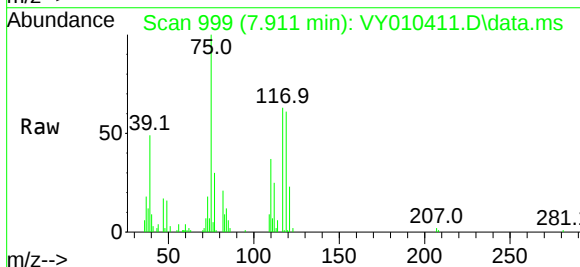
Tgt Ion: 75 Resp: 20418

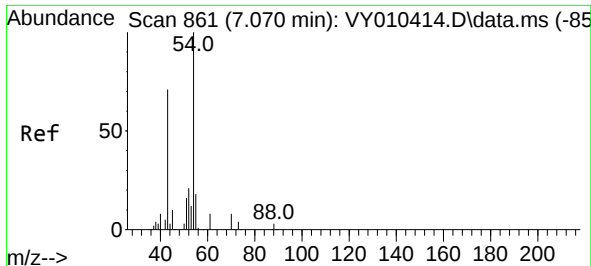
Ion Ratio Lower Upper

75 100

110 37.4 17.1 51.2

77 31.9 24.4 36.6





#37

Ethyl Acetate

Concen: 5.053 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

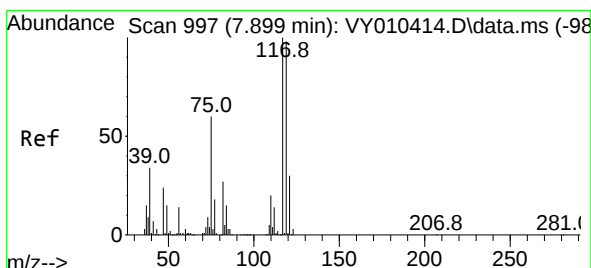
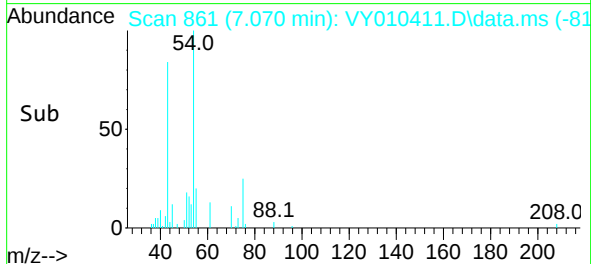
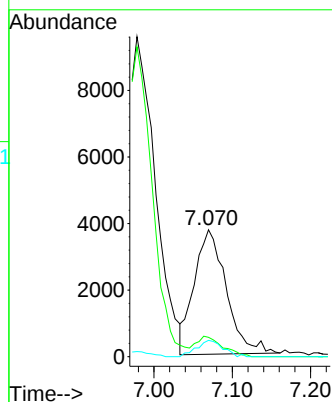
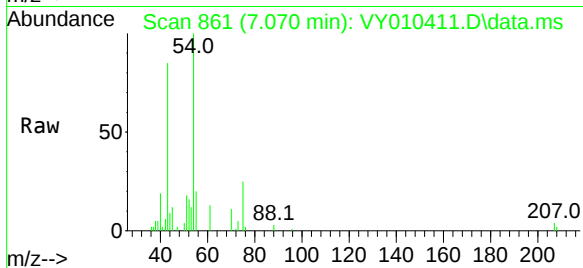
Tgt Ion: 43 Resp: 10682

Ion Ratio Lower Upper

43 100

61 13.3 9.7 14.5

70 10.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 4.921 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

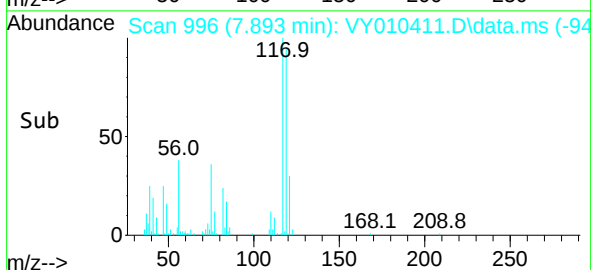
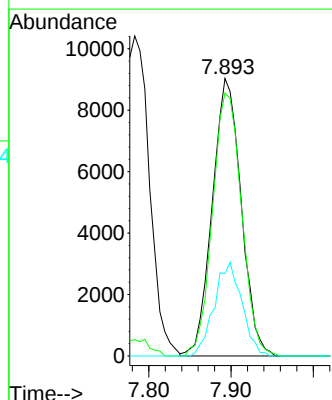
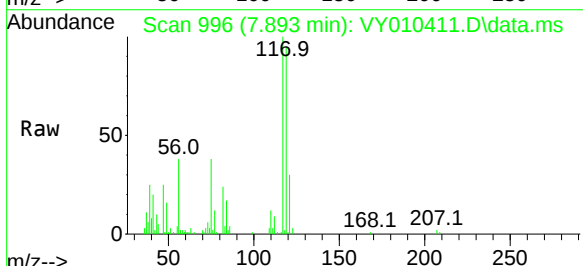
Tgt Ion: 117 Resp: 22015

Ion Ratio Lower Upper

117 100

119 94.7 77.9 116.9

121 29.7 24.8 37.2





#39

Methylcyclohexane

Concen: 5.029 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

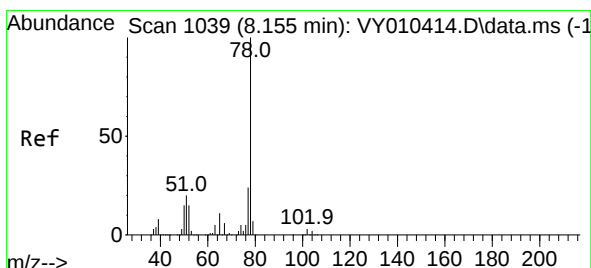
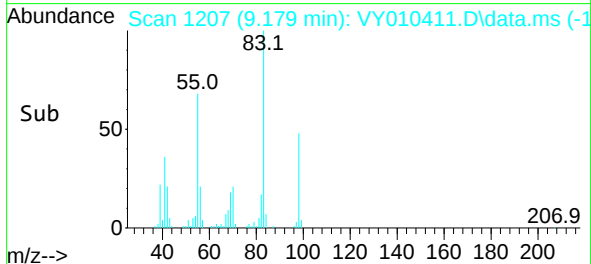
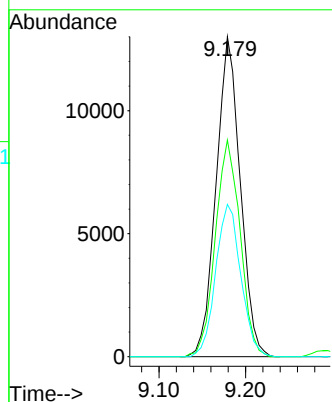
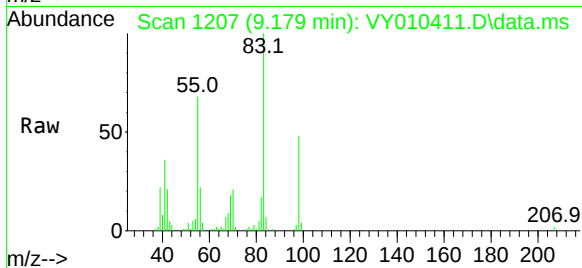
Tgt Ion: 83 Resp: 25216

Ion Ratio Lower Upper

83 100

55 67.7 66.5 99.7

98 47.6 37.9 56.9



#40

Benzene

Concen: 5.097 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY010411.D

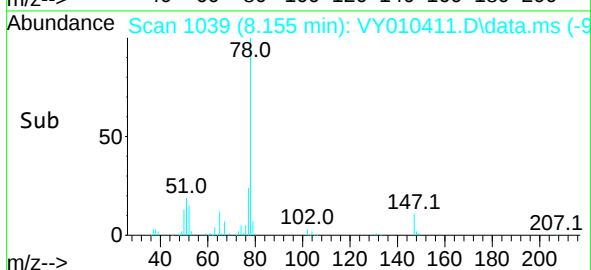
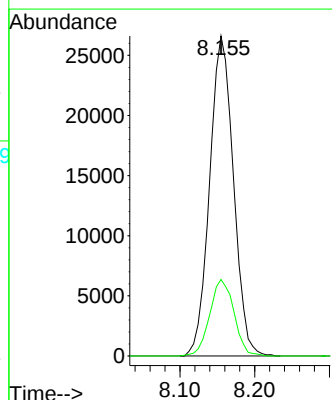
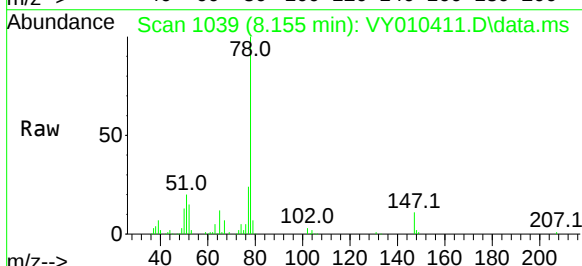
Acq: 09 Sep 2022 11:29

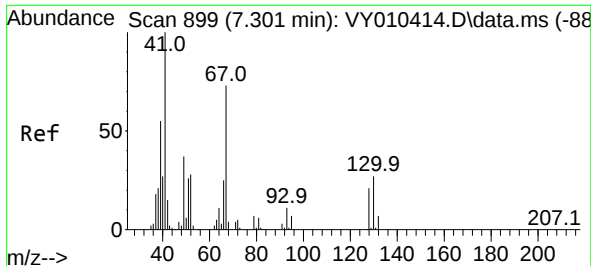
Tgt Ion: 78 Resp: 58996

Ion Ratio Lower Upper

78 100

77 23.9 20.4 30.6

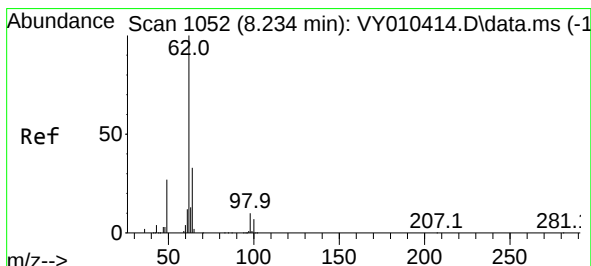
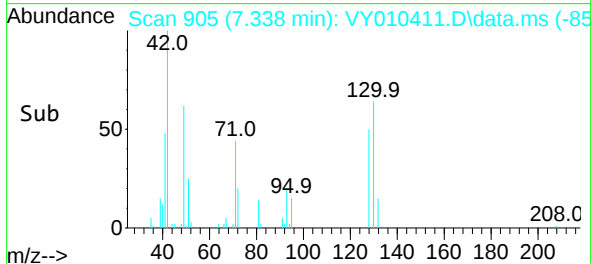
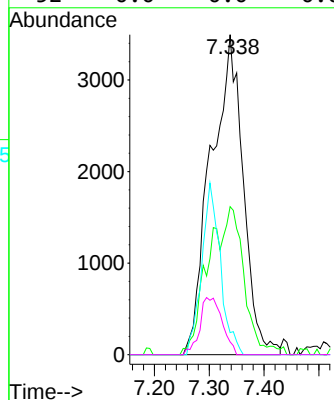
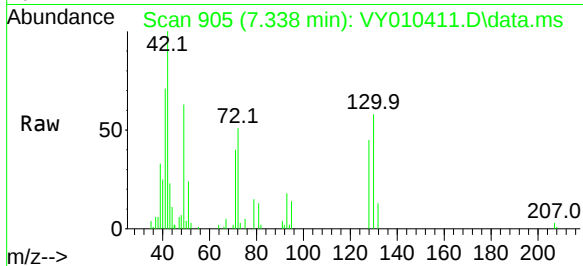




#41
Methacrylonitrile
Concen: 12.457 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

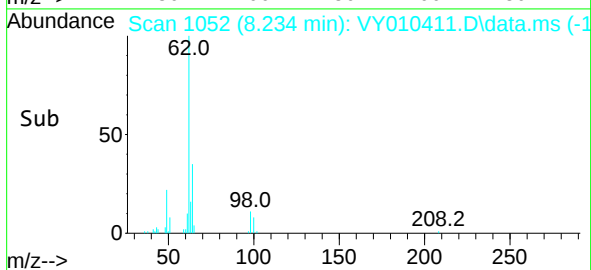
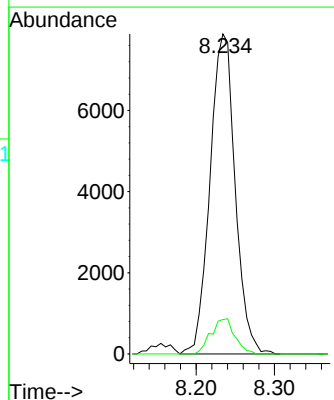
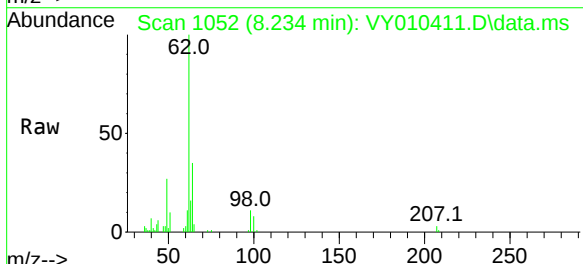
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

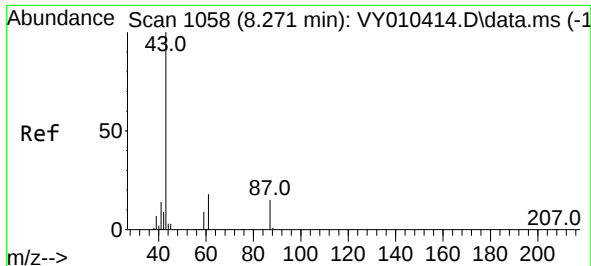
Tgt Ion: 41 Resp: 14282
Ion Ratio Lower Upper
41 100
39 26.5 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 5.117 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion: 62 Resp: 17612
Ion Ratio Lower Upper
62 100
98 10.4 0.0 14.8

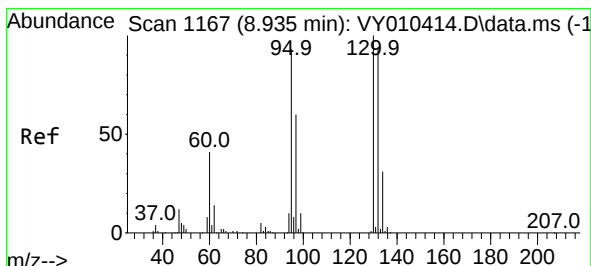
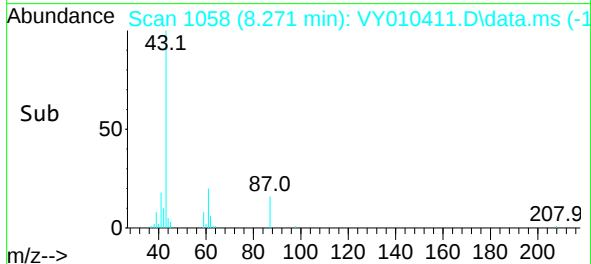
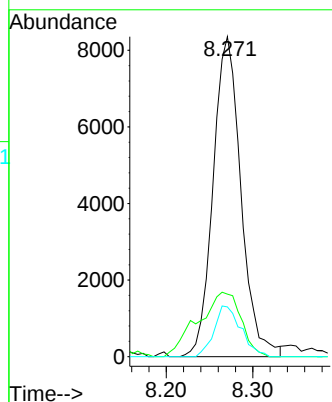
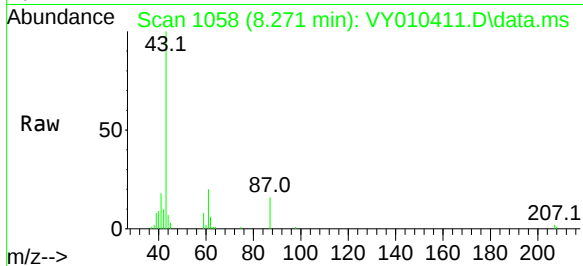




#43
Isopropyl Acetate
Concen: 4.826 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

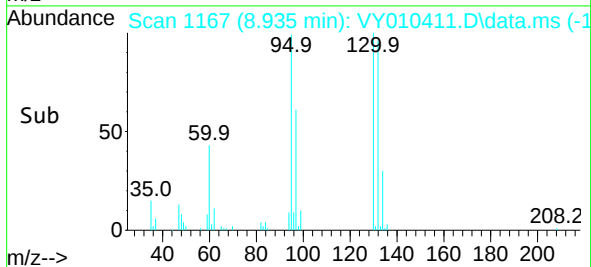
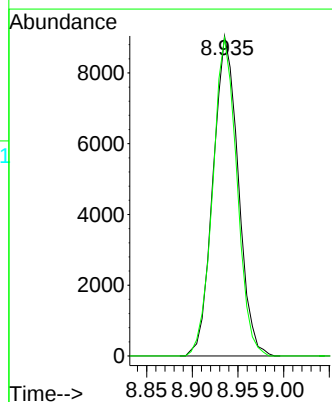
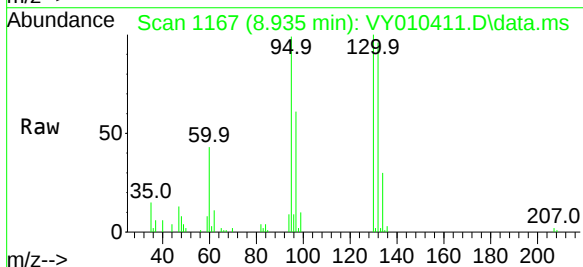
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

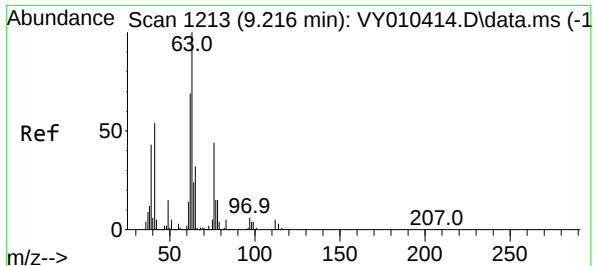
Tgt Ion: 43 Resp: 18670
Ion Ratio Lower Upper
43 100
61 31.1 20.2 30.2#
87 15.3 8.9 13.3#



#44
Trichloroethene
Concen: 5.079 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion: 130 Resp: 17305
Ion Ratio Lower Upper
130 100
95 99.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 5.093 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

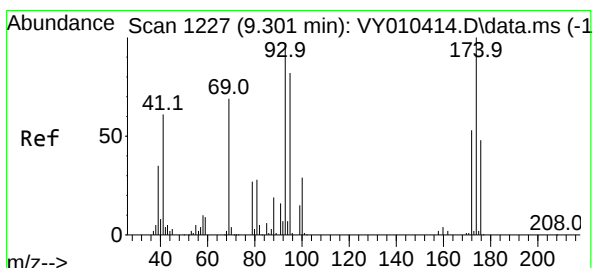
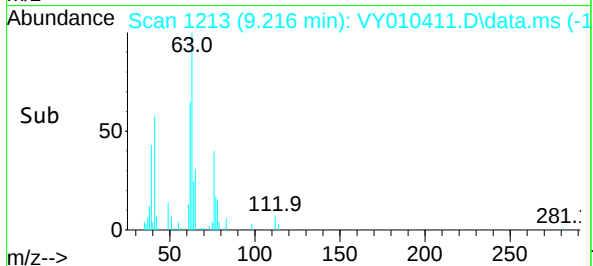
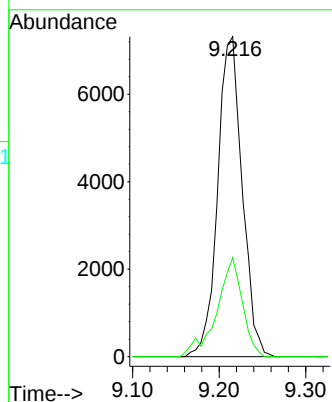
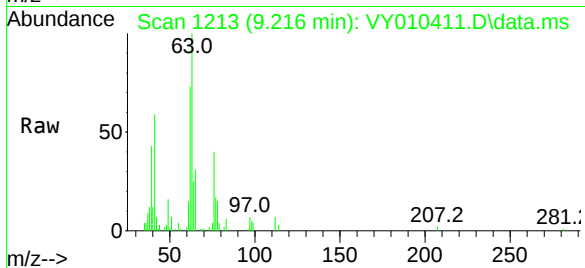
VSTDICC005

Tgt Ion: 63 Resp: 14377

Ion Ratio Lower Upper

63 100

65 30.9 23.0 34.6



#46

Dibromomethane

Concen: 5.108 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

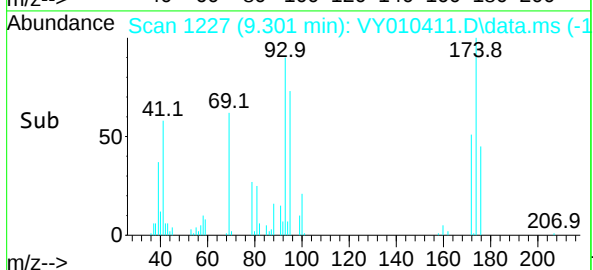
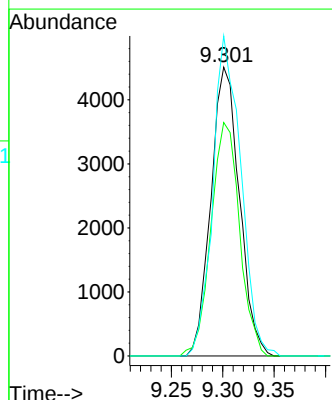
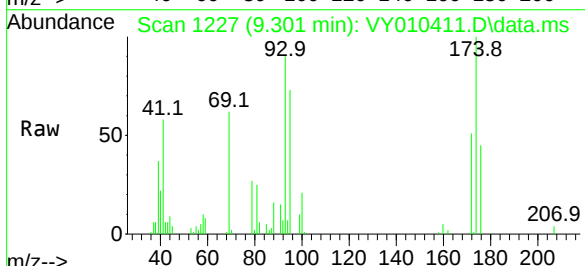
Tgt Ion: 93 Resp: 8696

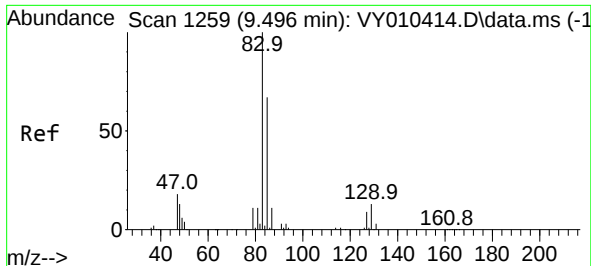
Ion Ratio Lower Upper

93 100

95 80.8 64.3 96.5

174 108.7 83.4 125.0

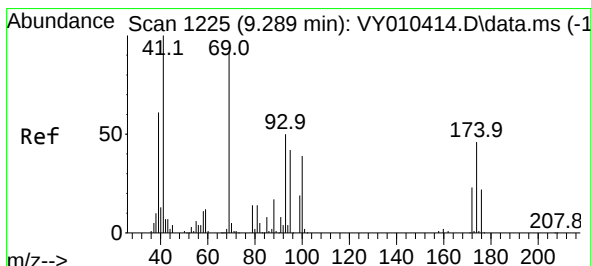
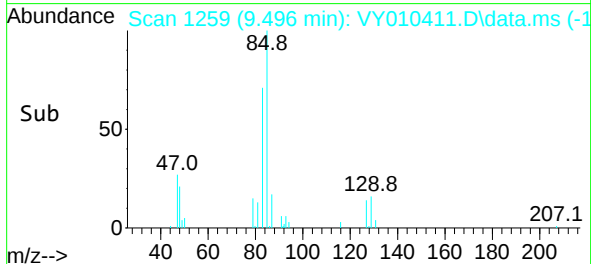
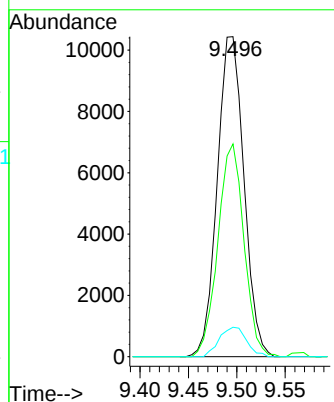
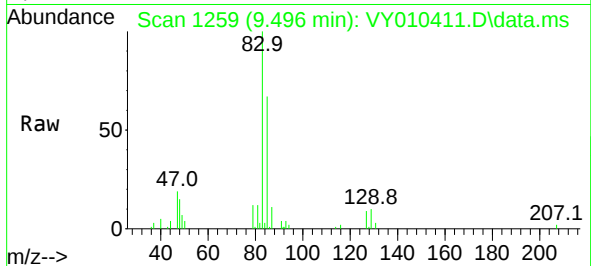




#47
Bromodichloromethane
Concen: 4.952 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

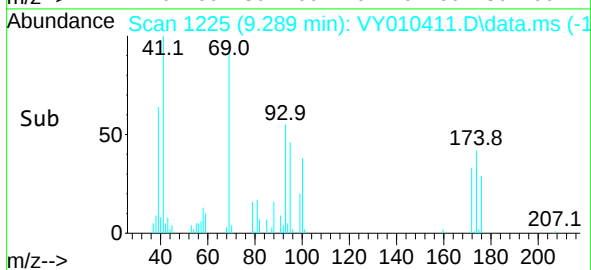
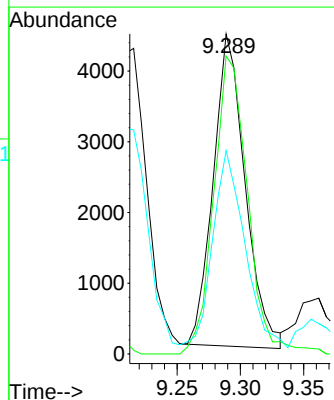
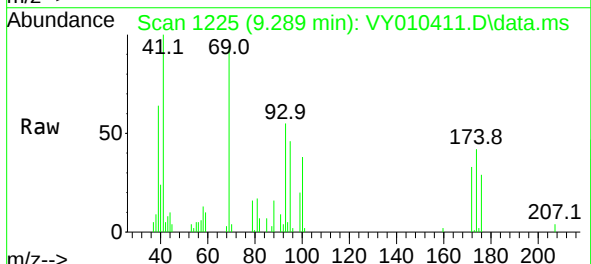
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

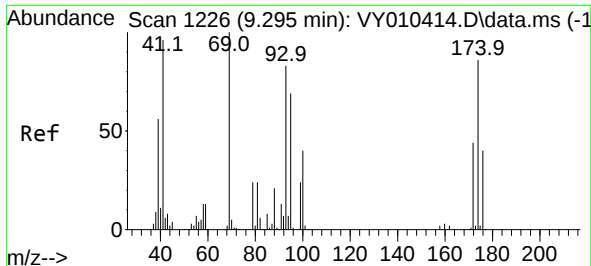
Tgt Ion:	83	Resp:	20024
Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.9	77.9
127	9.2	6.6	10.0



#48
Methyl methacrylate
Concen: 4.452 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion:	41	Resp:	7735
Ion	Ratio	Lower	Upper
41	100		
69	101.6	58.2	87.2#
39	63.0	47.4	71.0





#49

1,4-Dioxane

Concen: 96.159 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

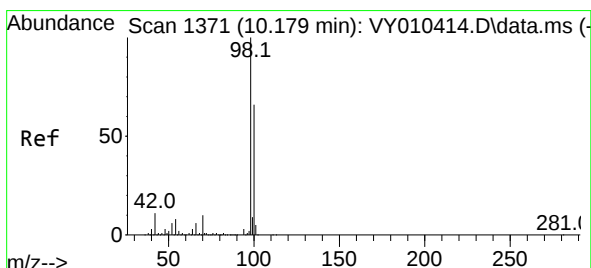
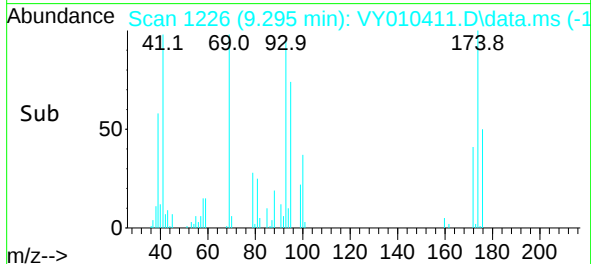
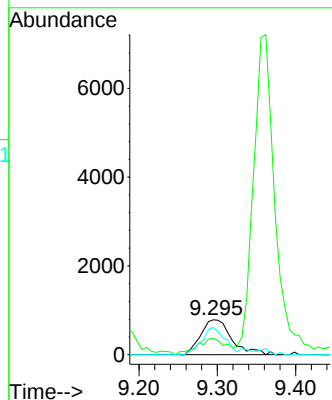
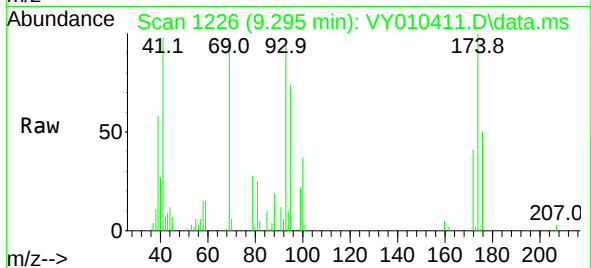
Tgt Ion: 88 Resp: 2167

Ion Ratio Lower Upper

88 100

43 42.7 32.8 49.2

58 58.4 59.8 89.6#



#50

Toluene-d8

Concen: 5.794 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY010411.D

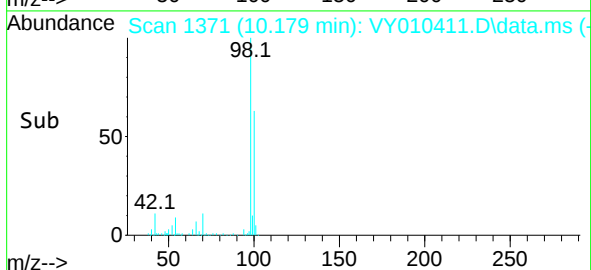
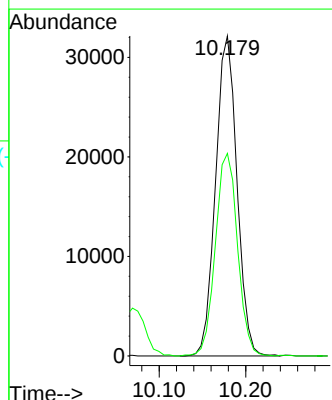
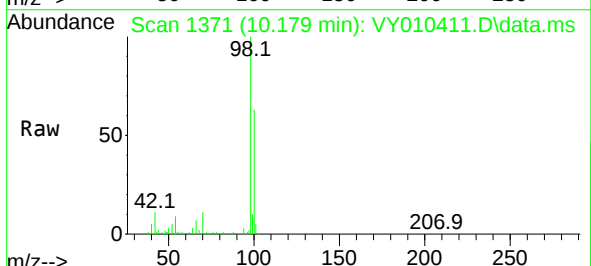
Acq: 09 Sep 2022 11:29

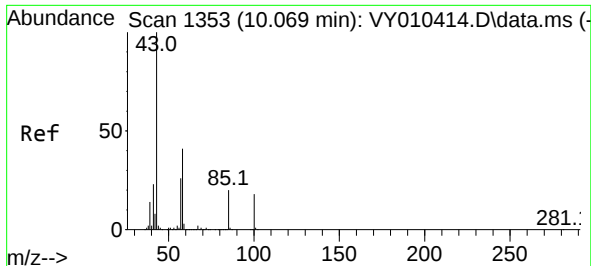
Tgt Ion: 98 Resp: 55157

Ion Ratio Lower Upper

98 100

100 65.7 50.2 75.2

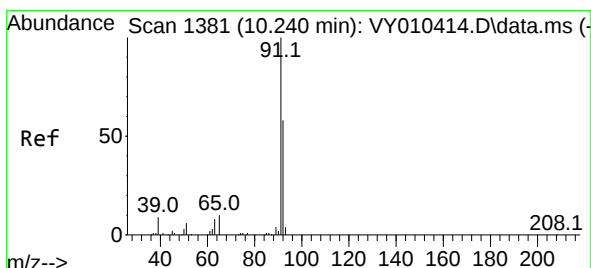
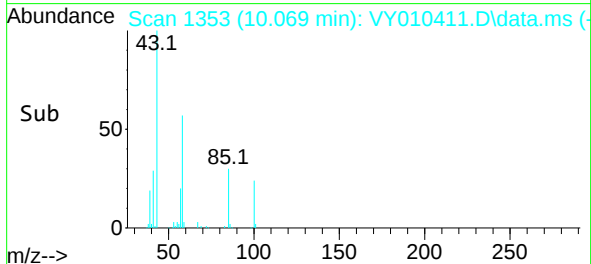
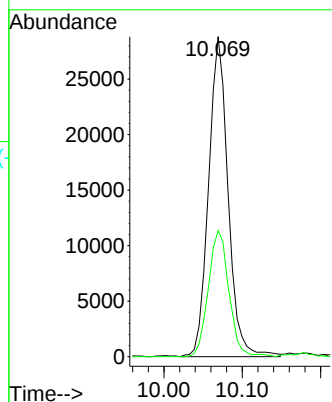
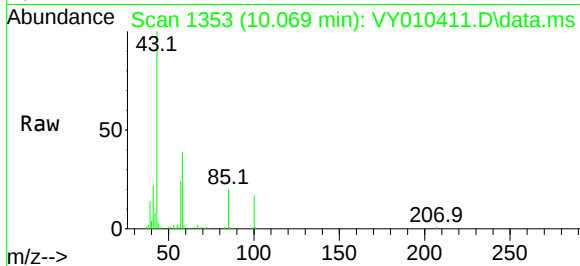




#51
4-Methyl-2-Pentanone
Concen: 23.469 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

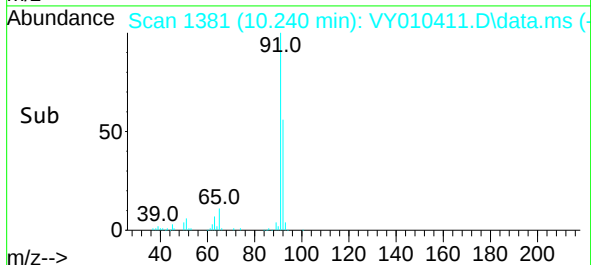
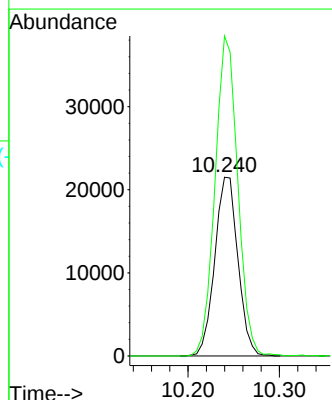
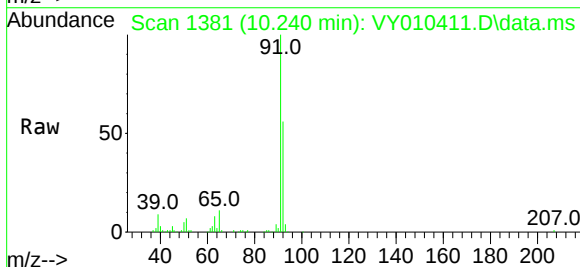
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 49798
Ion Ratio Lower Upper
43 100
58 41.5 28.1 42.1



#52
Toluene
Concen: 4.995 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion: 92 Resp: 37839
Ion Ratio Lower Upper
92 100
91 175.7 142.6 213.8





#53

t-1,3-Dichloropropene

Concen: 4.892 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

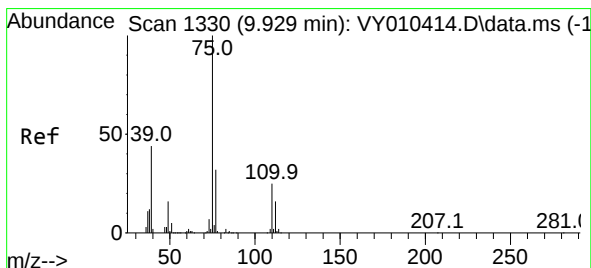
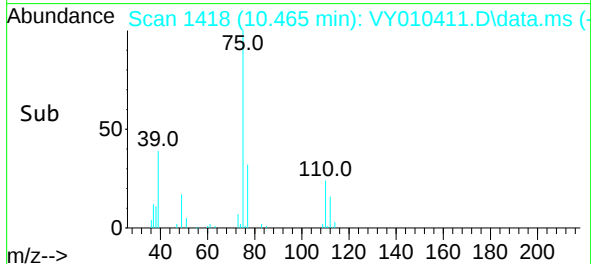
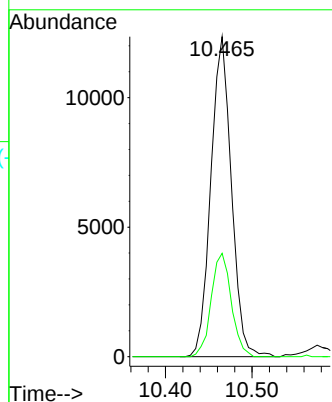
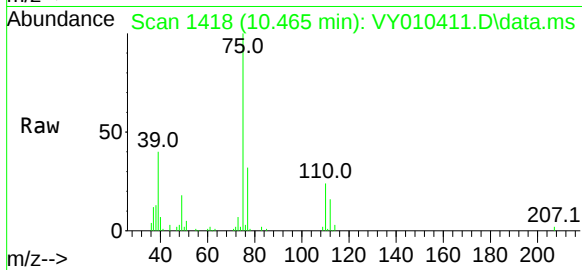
VSTDIC005

Tgt Ion: 75 Resp: 20359

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 4.988 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

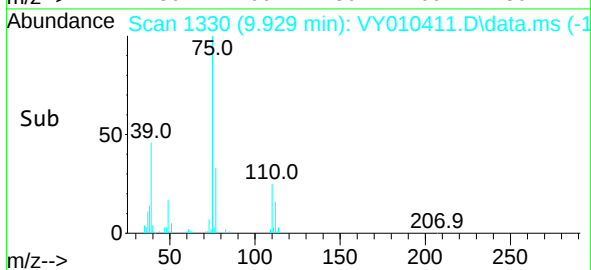
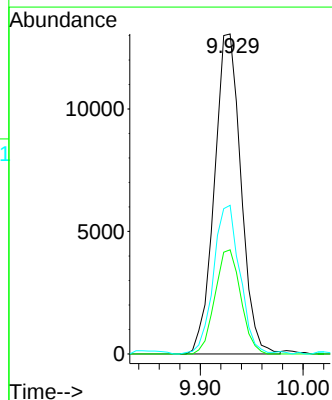
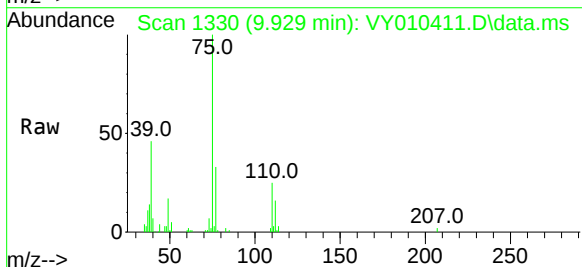
Tgt Ion: 75 Resp: 23411

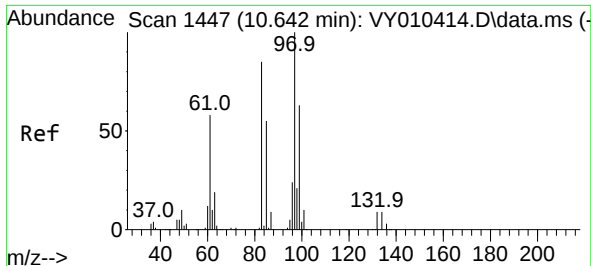
Ion Ratio Lower Upper

75 100

77 32.6 25.6 38.4

39 46.5 47.6 71.4#

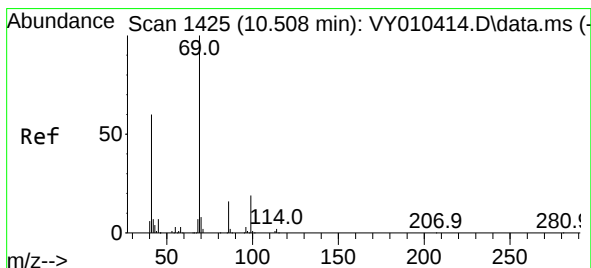
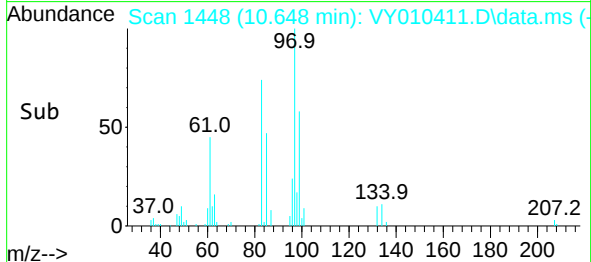
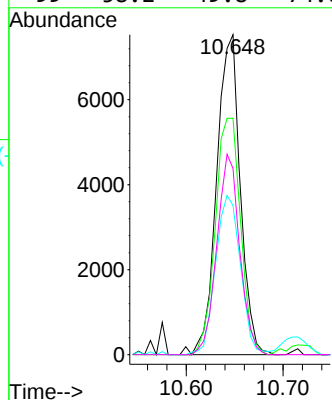
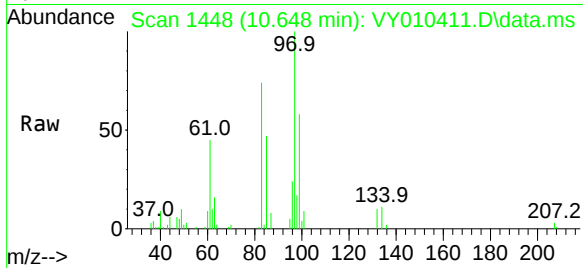




#55
1,1,2-Trichloroethane
Concen: 5.277 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

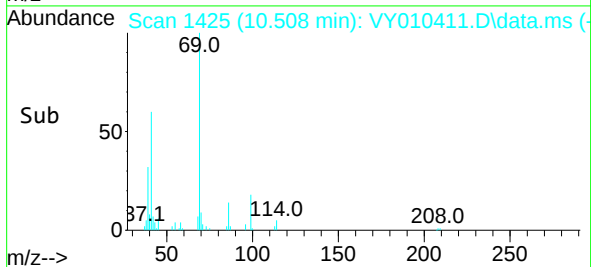
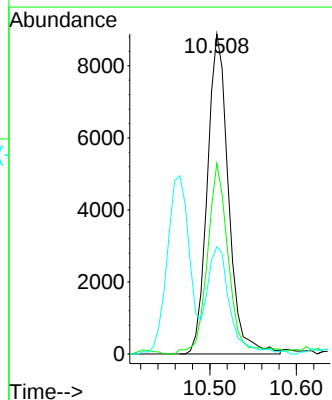
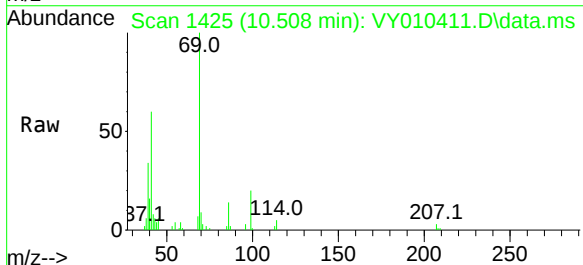
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

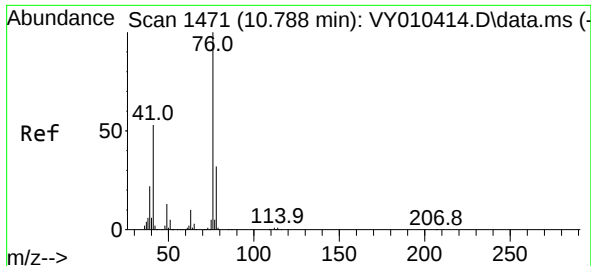
Tgt Ion: 97	Resp: 12778
Ion Ratio	Lower Upper
97 100	
83 73.9	69.8 104.8
85 46.6	44.3 66.5
99 58.2	49.8 74.6



#56
Ethyl methacrylate
Concen: 4.732 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion: 69	Resp: 15050
Ion Ratio	Lower Upper
69 100	
41 59.6	63.4 95.0#
39 34.9	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 5.027 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

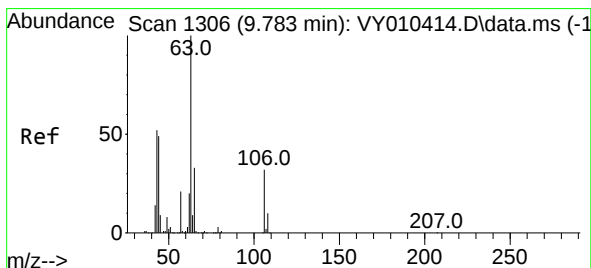
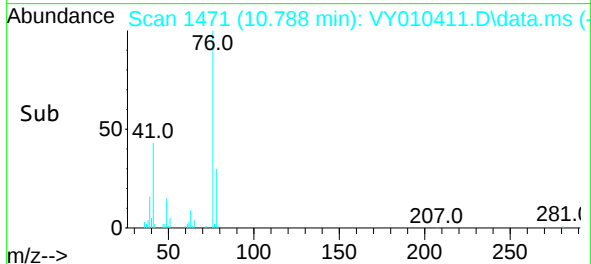
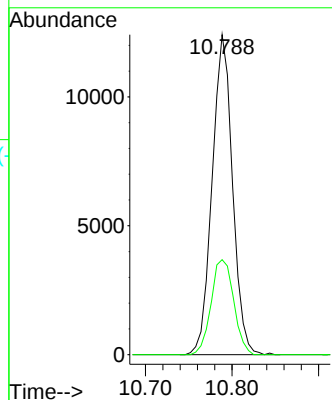
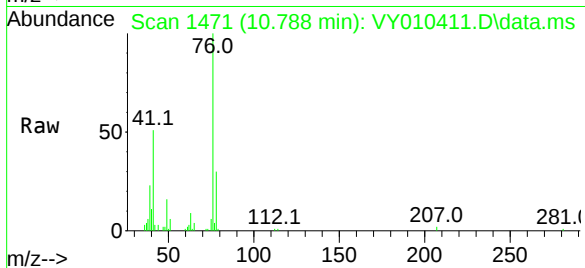
VSTDIC005

Tgt Ion: 76 Resp: 20242

Ion Ratio Lower Upper

76 100

78 32.9 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 35.261 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY010411.D

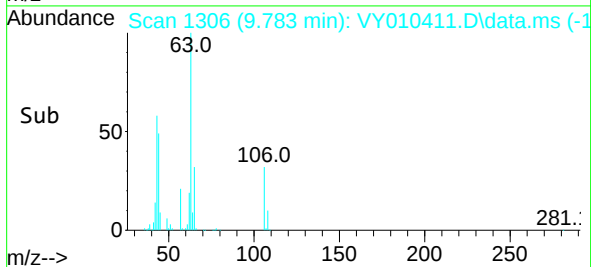
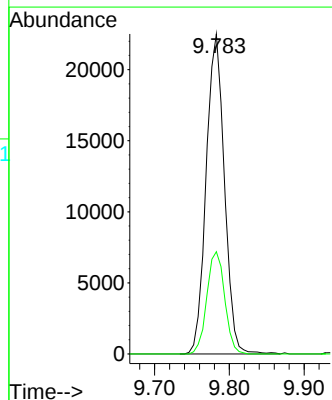
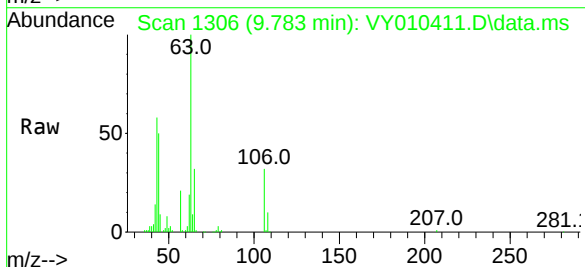
Acq: 09 Sep 2022 11:29

Tgt Ion: 63 Resp: 38149

Ion Ratio Lower Upper

63 100

106 31.3 21.5 32.3

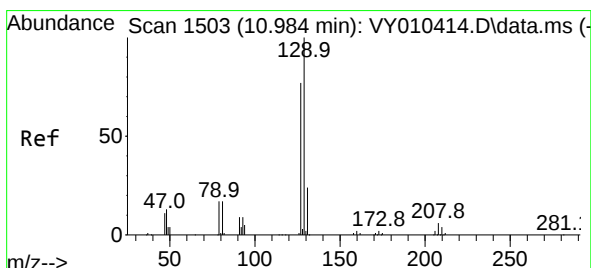
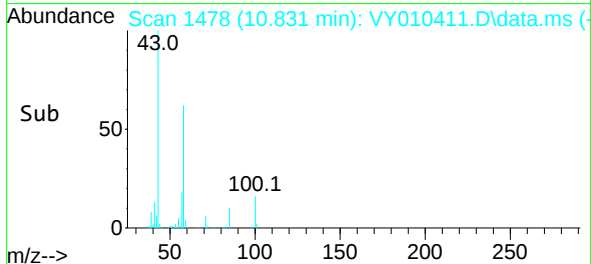
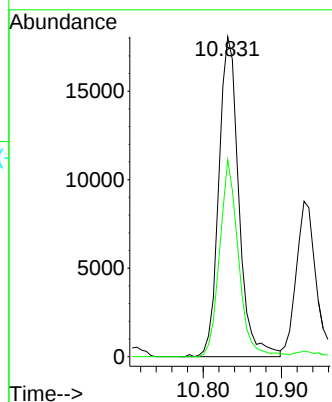
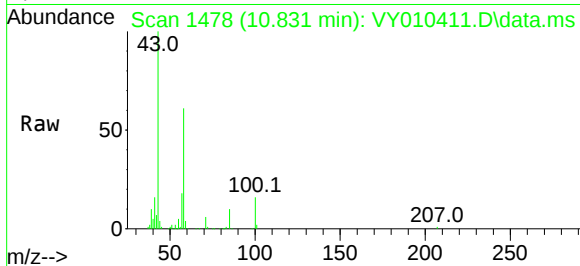




#59
2-Hexanone
Concen: 22.191 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

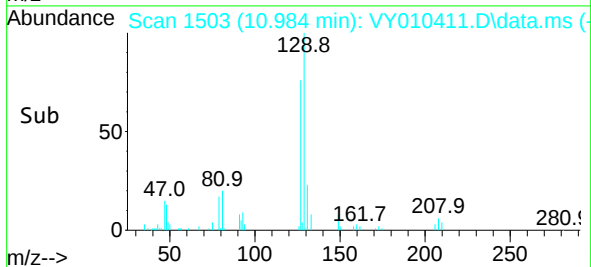
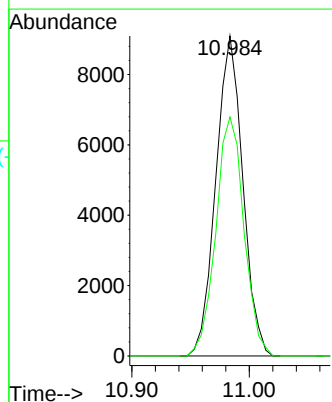
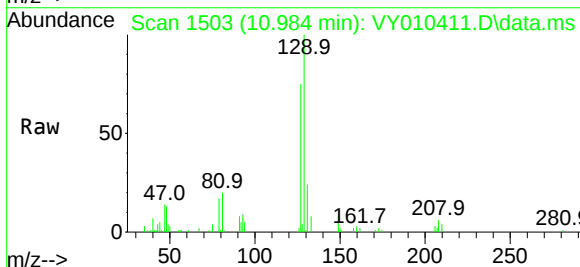
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

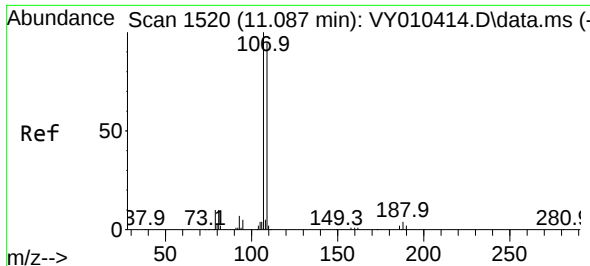
Tgt Ion: 43 Resp: 32097
Ion Ratio Lower Upper
43 100
58 58.1 24.4 73.4



#60
Dibromochloromethane
Concen: 4.898 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion: 129 Resp: 14495
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1

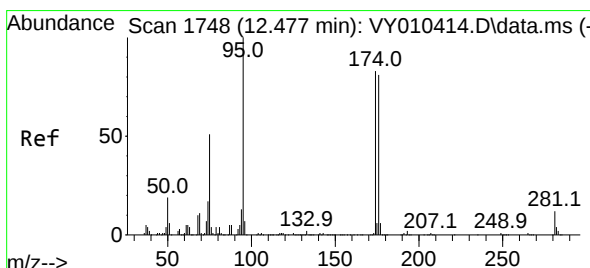
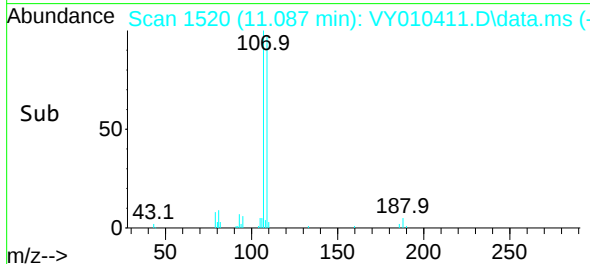
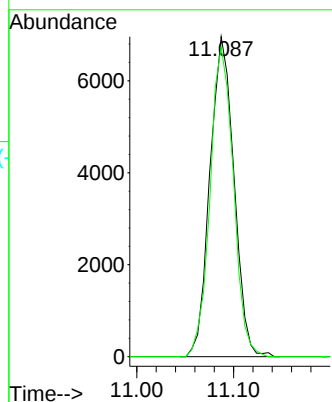
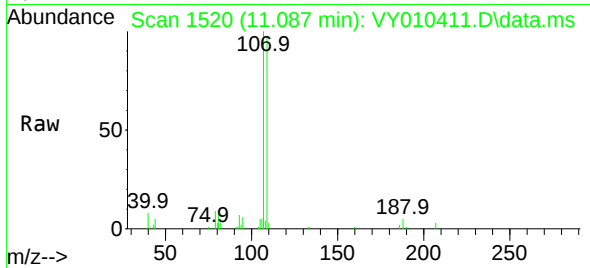




#61
1,2-Dibromoethane
Concen: 5.112 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

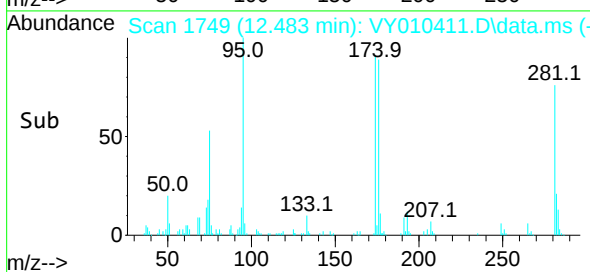
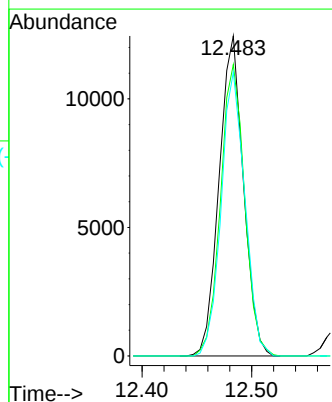
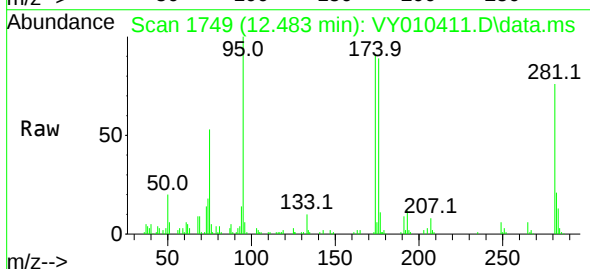
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

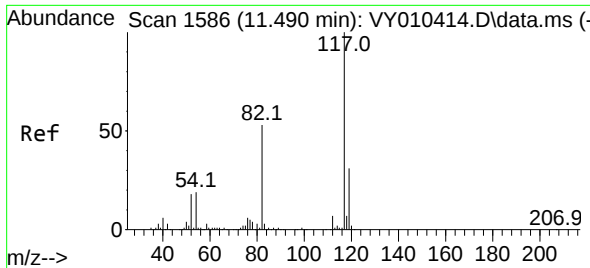
Tgt Ion:107 Resp: 12017
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 4.395 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion: 95 Resp: 19199
Ion Ratio Lower Upper
95 100
174 90.0 0.0 177.0
176 86.6 0.0 175.8

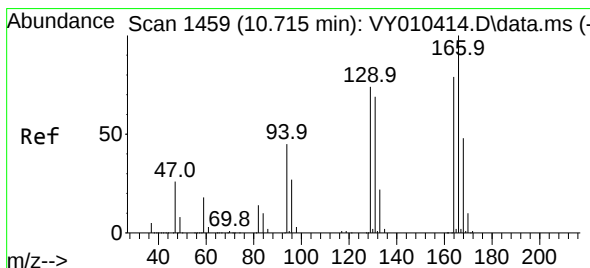
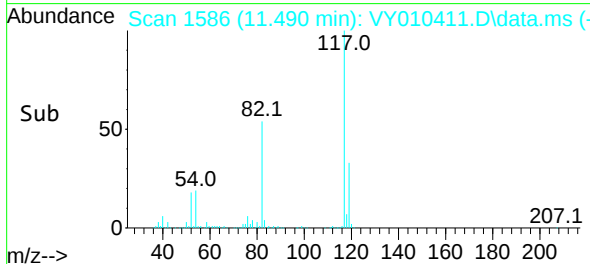
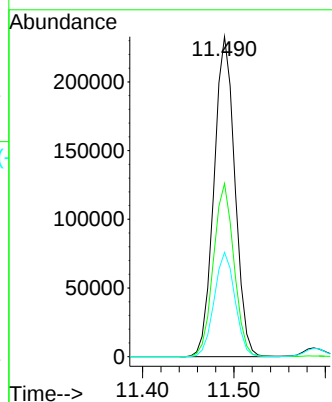
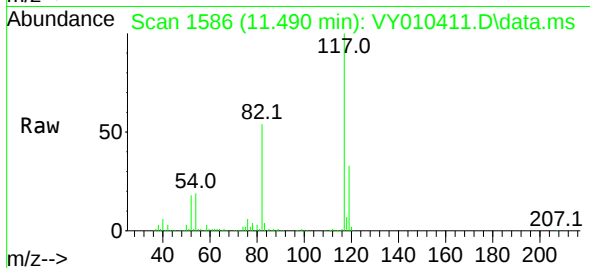




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

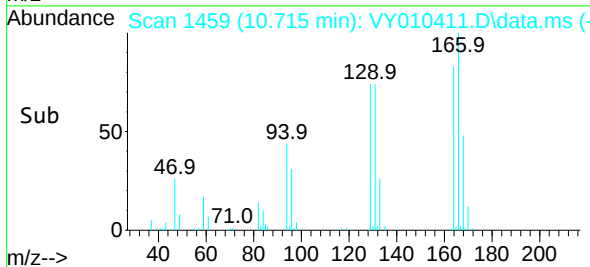
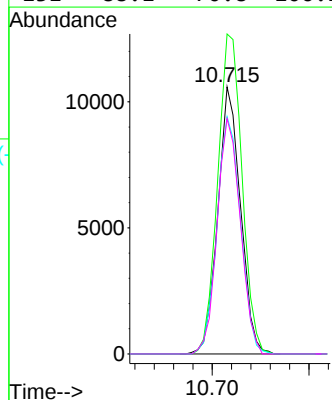
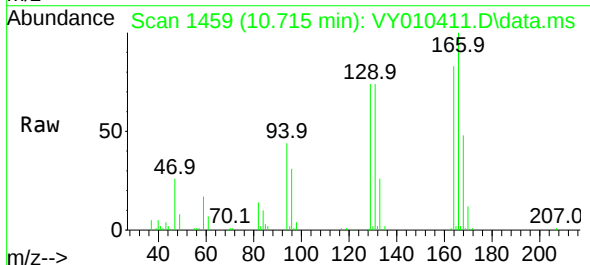
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

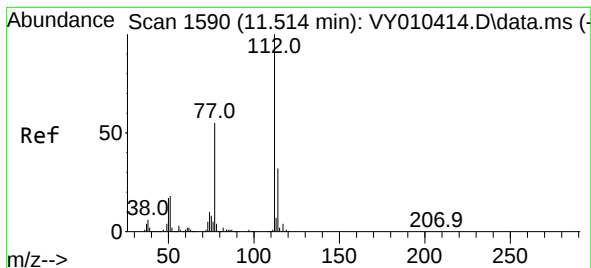
Tgt Ion:117 Resp: 369603
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 5.177 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion:164 Resp: 17247
Ion Ratio Lower Upper
164 100
166 119.8 100.4 150.6
129 88.9 71.4 107.0
131 88.1 70.8 106.2





#65

Chlorobenzene

Concen: 5.217 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

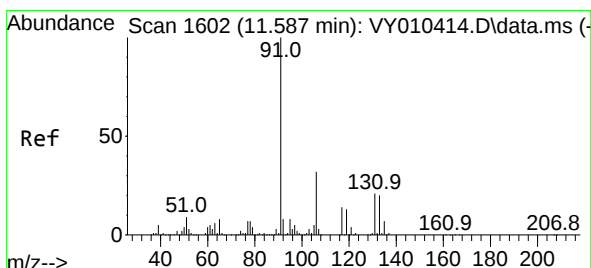
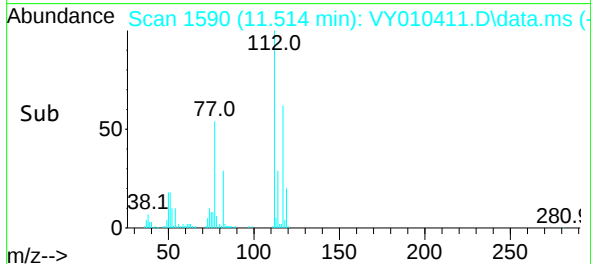
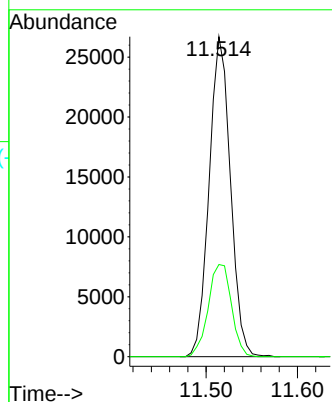
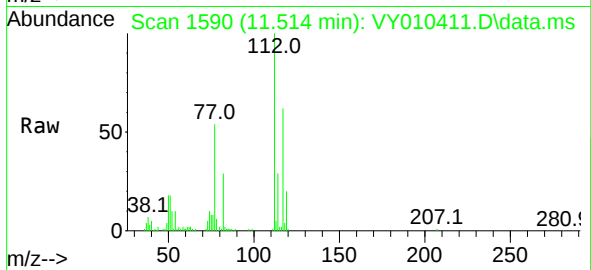
VSTDICC005

Tgt Ion:112 Resp: 43124

Ion Ratio Lower Upper

112 100

114 28.8 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 5.028 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

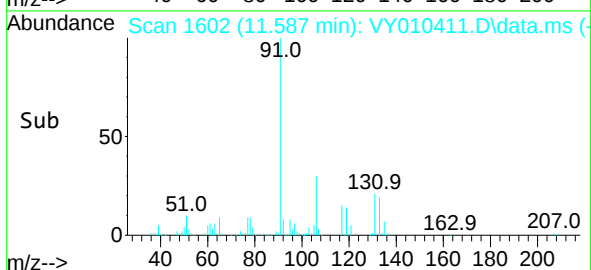
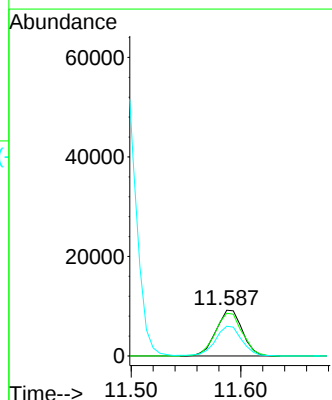
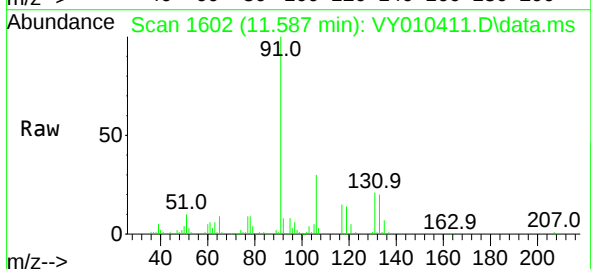
Tgt Ion:131 Resp: 15393

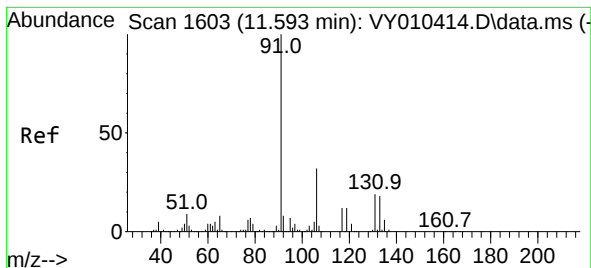
Ion Ratio Lower Upper

131 100

133 96.1 47.9 143.6

119 65.5 30.8 92.3





#67

Ethyl Benzene

Concen: 5.070 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

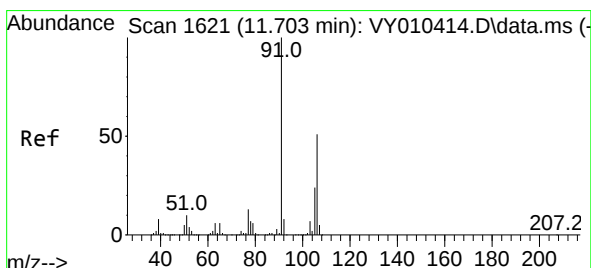
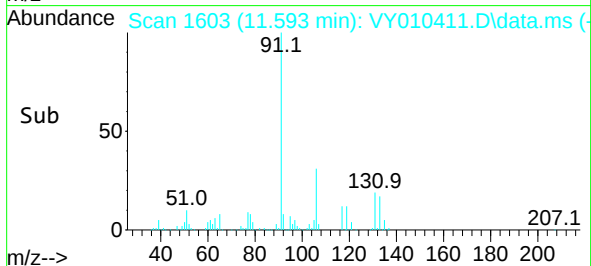
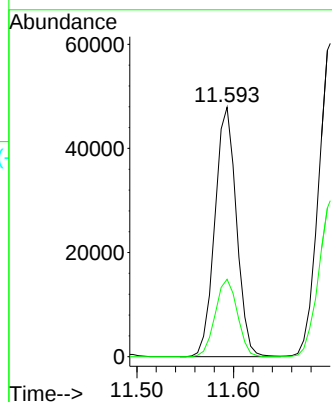
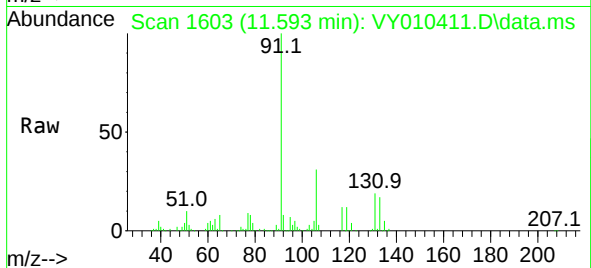
VSTDIC005

Tgt Ion: 91 Resp: 74170

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 9.961 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY010411.D

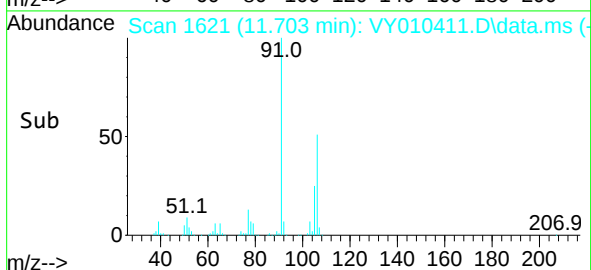
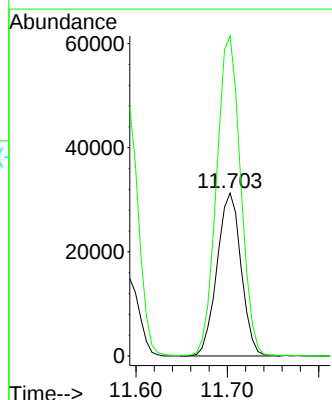
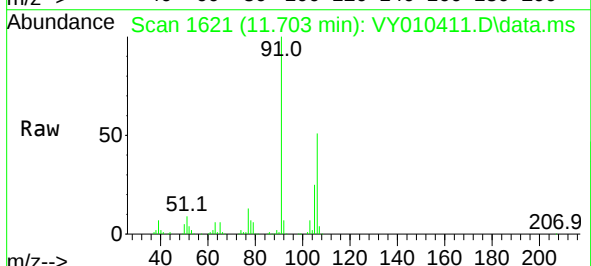
Acq: 09 Sep 2022 11:29

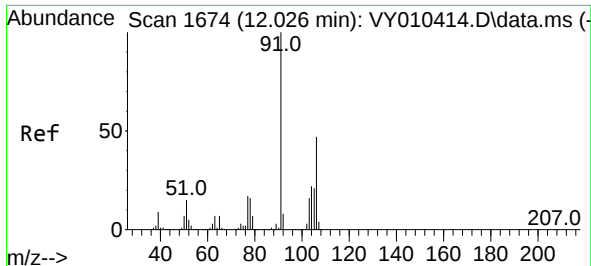
Tgt Ion: 106 Resp: 57205

Ion Ratio Lower Upper

106 100

91 197.0 166.6 249.8

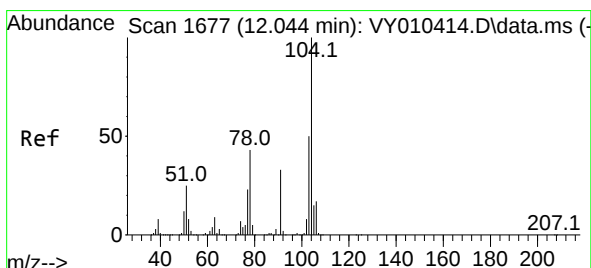
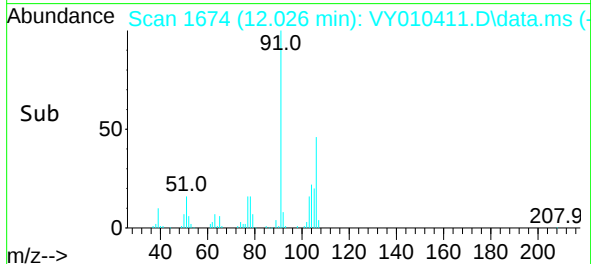
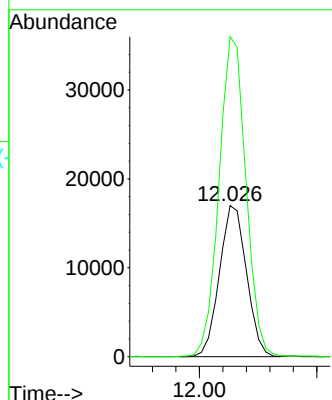
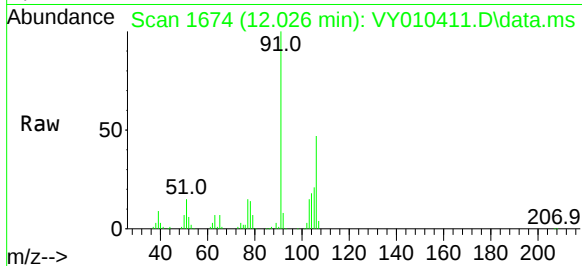




#69
o-Xylene
Concen: 4.959 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

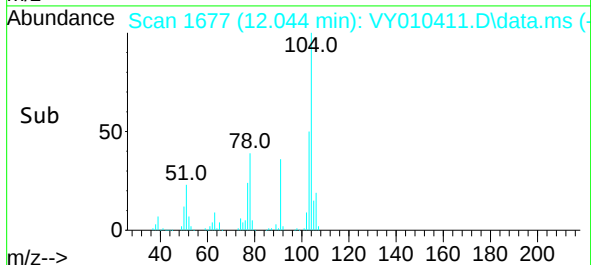
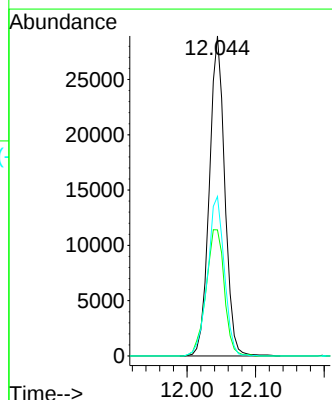
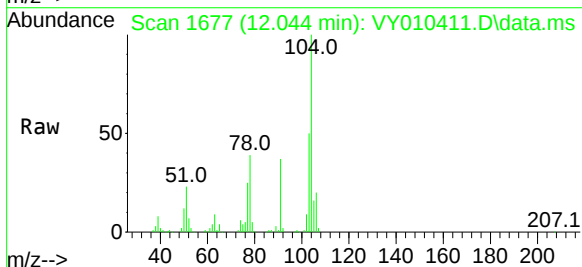
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 27196
Ion Ratio Lower Upper
106 100
91 211.1 110.3 331.0



#70
Styrene
Concen: 4.887 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion:104 Resp: 45356
Ion Ratio Lower Upper
104 100
78 46.7 42.4 63.6
103 53.9 44.4 66.6





#71

Bromoform

Concen: 4.820 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

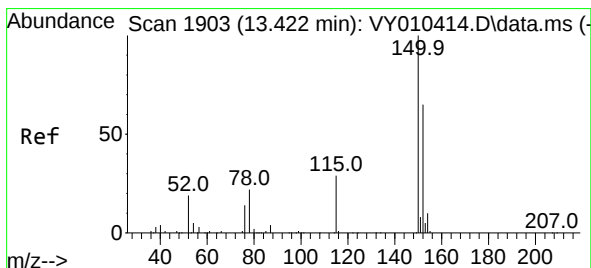
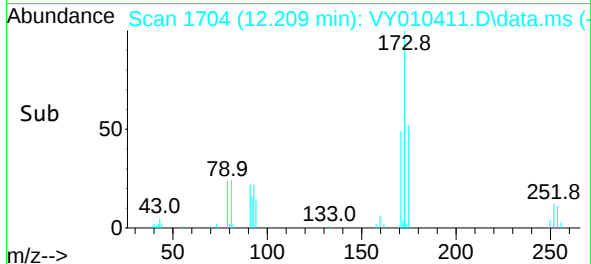
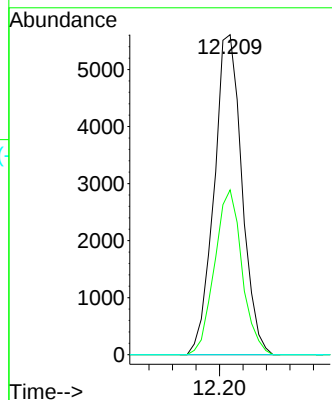
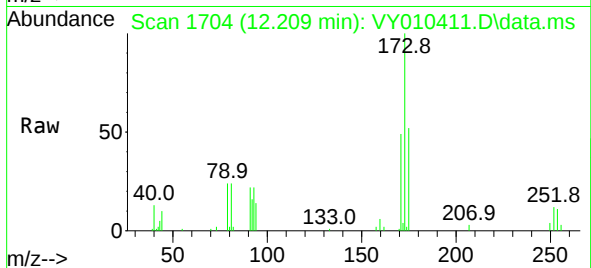
Tgt Ion:173 Resp: 9225

Ion Ratio Lower Upper

173 100

175 50.7 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

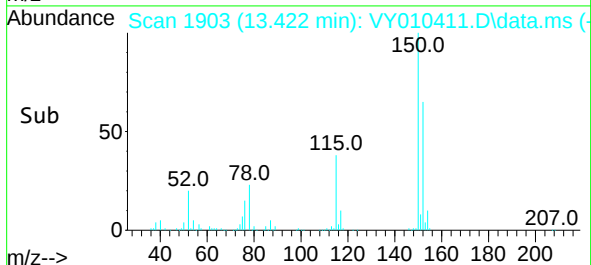
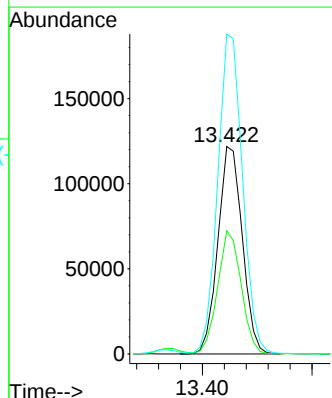
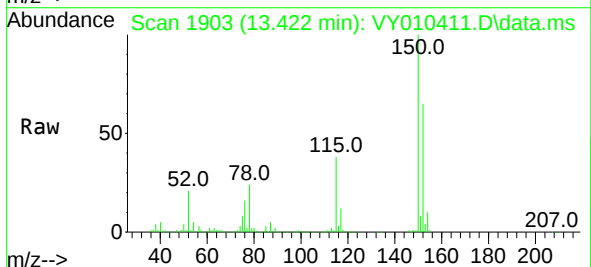
Tgt Ion:152 Resp: 188559

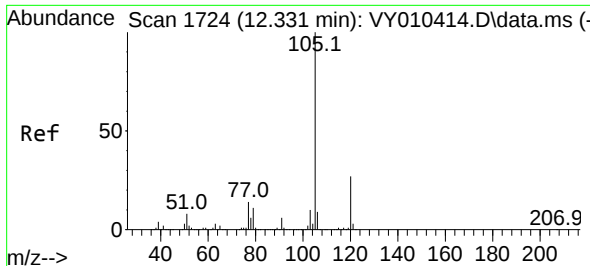
Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 156.6 0.0 347.6

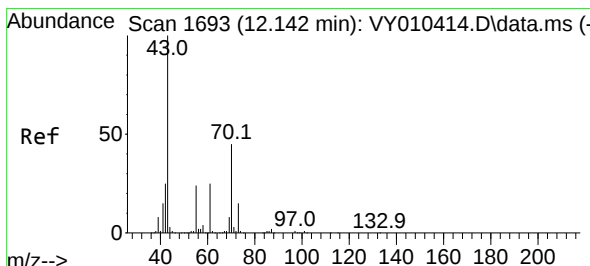
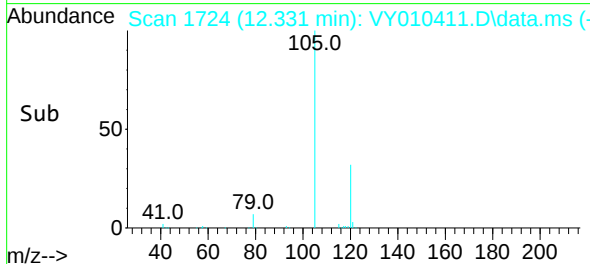
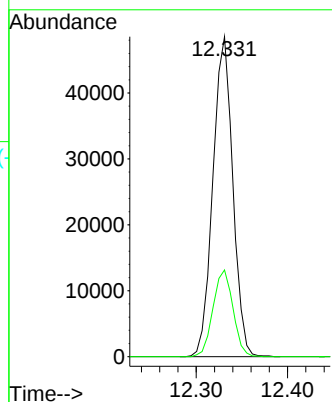
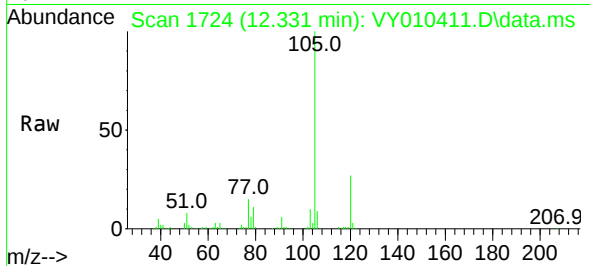




#73
Isopropylbenzene
Concen: 4.984 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

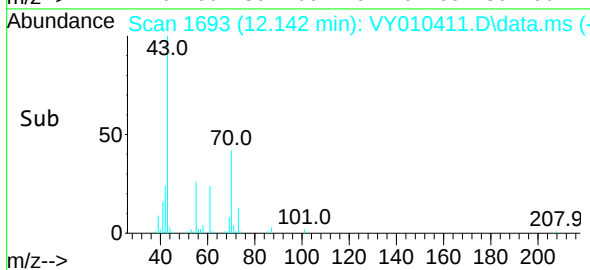
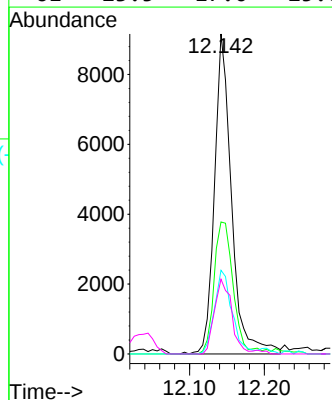
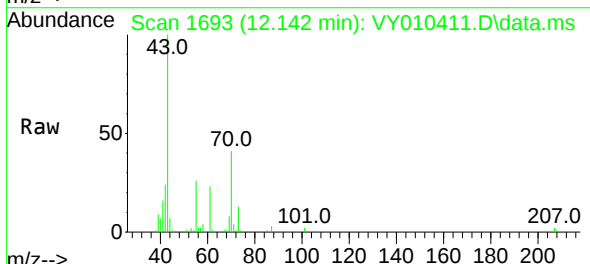
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

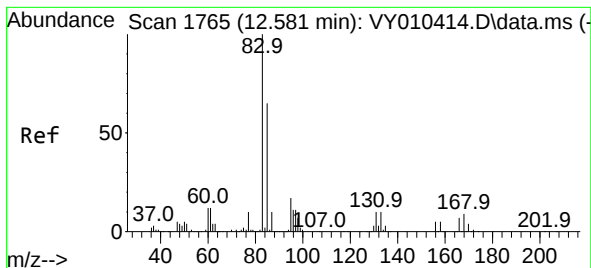
Tgt Ion:105 Resp: 73328
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2



#74
N-ethyl acetate
Concen: 4.249 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion: 43 Resp: 14585
Ion Ratio Lower Upper
43 100
70 46.5 28.7 43.1#
55 27.2 17.3 25.9#
61 23.5 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.074 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

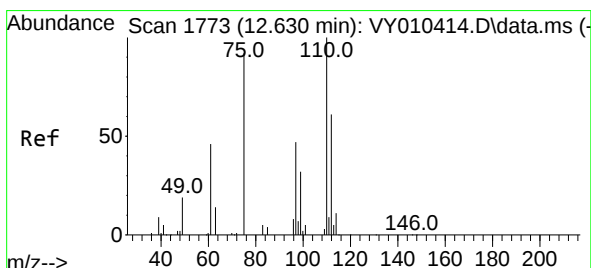
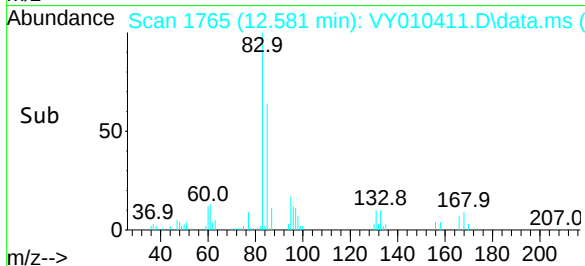
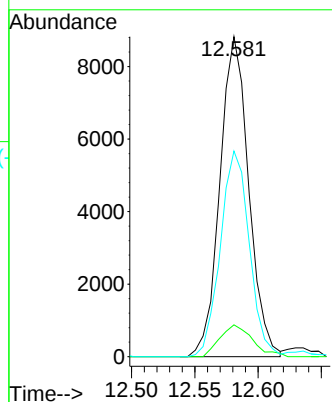
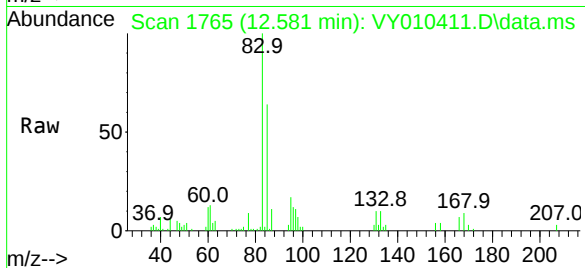
Tgt Ion: 83 Resp: 13965

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

85 64.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 8.518 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY010411.D

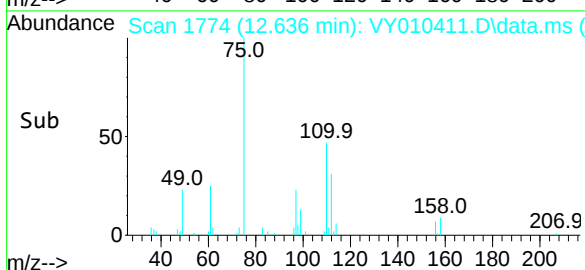
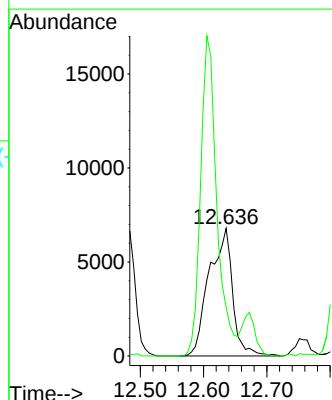
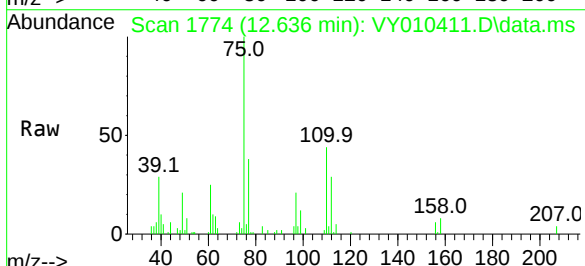
Acq: 09 Sep 2022 11:29

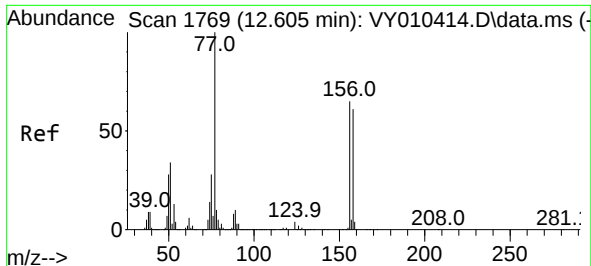
Tgt Ion: 75 Resp: 17461

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

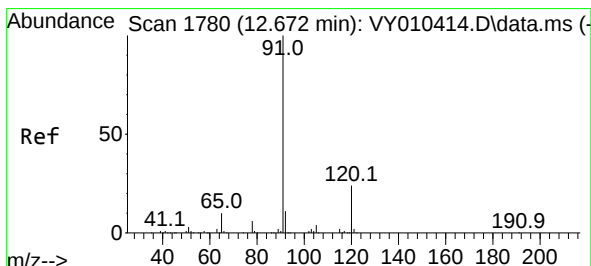
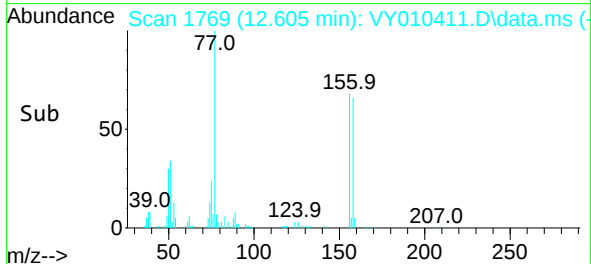
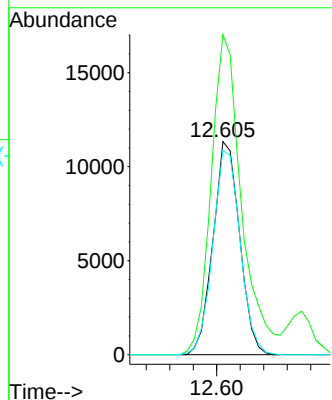
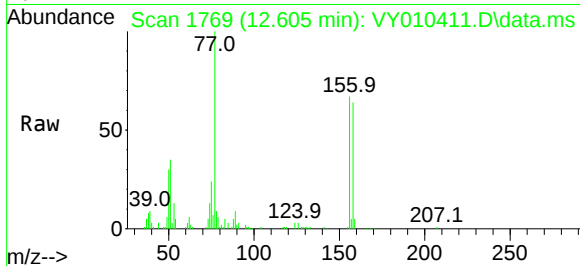




#77
Bromobenzene
Concen: 5.107 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

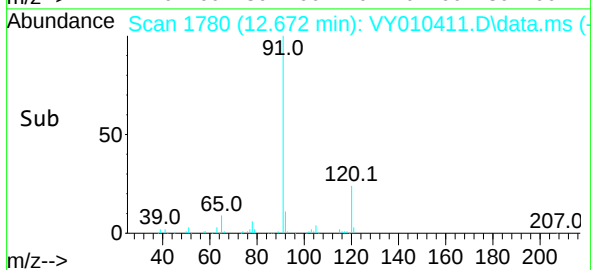
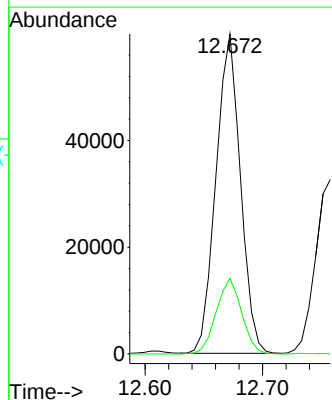
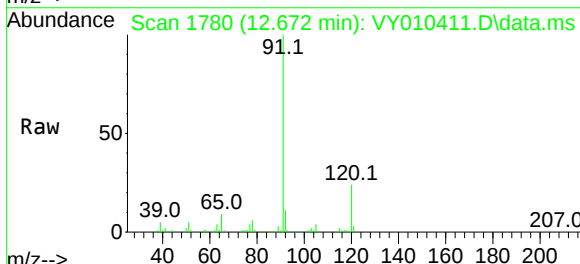
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

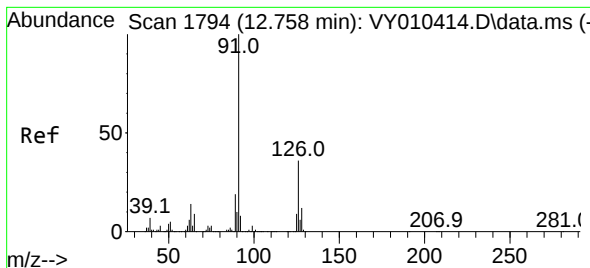
Tgt Ion:156 Resp: 17802
Ion Ratio Lower Upper
156 100
77 171.7 95.5 286.4
158 98.8 48.0 144.0



#78
n-propylbenzene
Concen: 4.970 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion: 91 Resp: 86578
Ion Ratio Lower Upper
91 100
120 24.5 11.3 33.9





#79

2-Chlorotoluene

Concen: 5.115 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

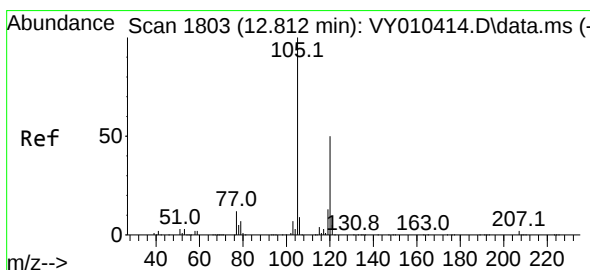
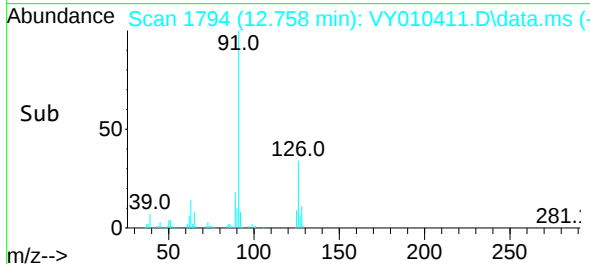
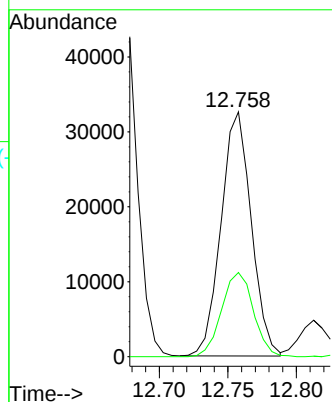
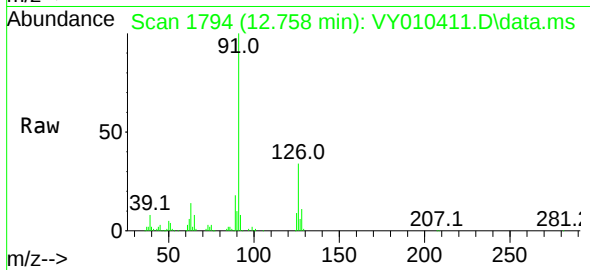
VSTDIC005

Tgt Ion: 91 Resp: 50054

Ion Ratio Lower Upper

91 100

126 36.2 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 4.992 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY010411.D

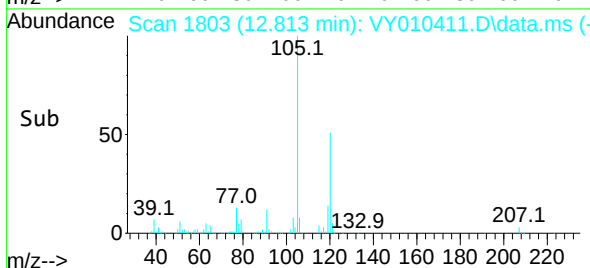
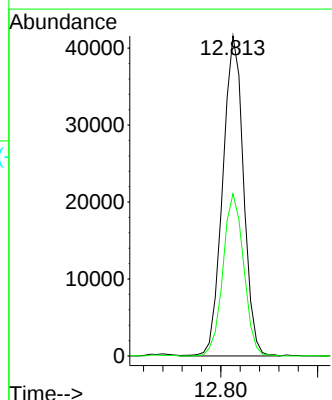
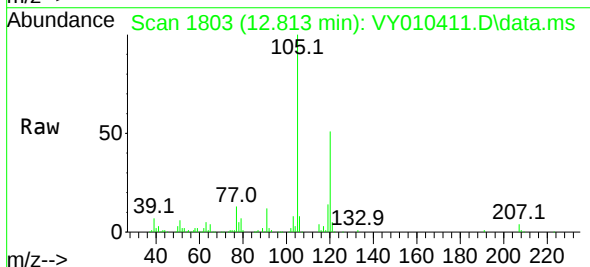
Acq: 09 Sep 2022 11:29

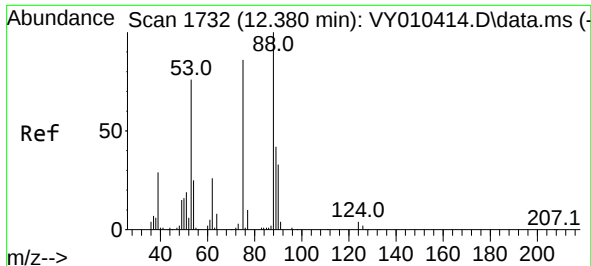
Tgt Ion: 105 Resp: 61965

Ion Ratio Lower Upper

105 100

120 50.5 24.4 73.4

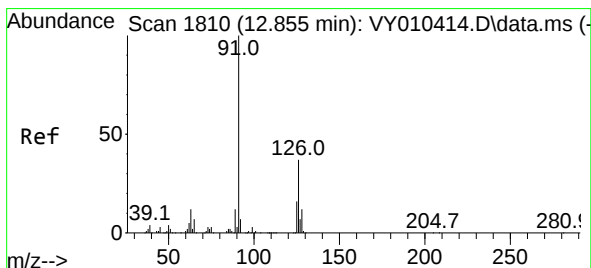
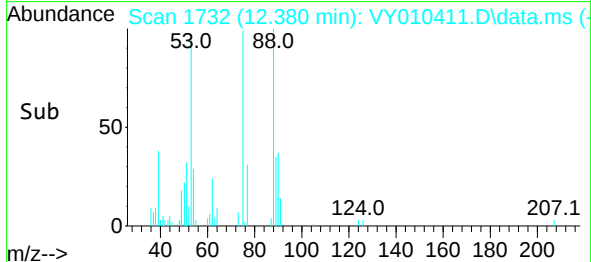
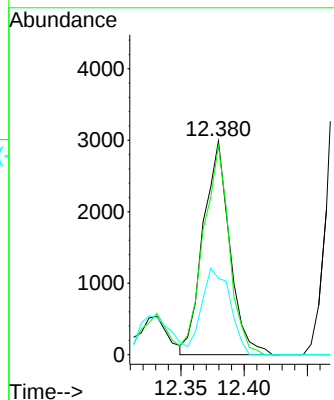
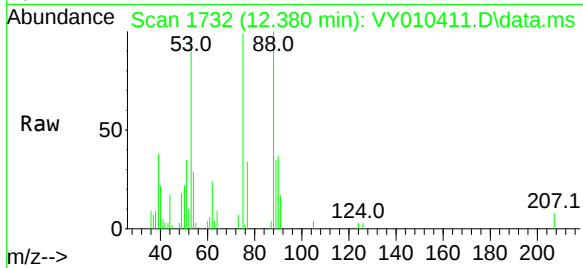




#81
trans-1,4-Dichloro-2-butene
Concen: 4.666 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

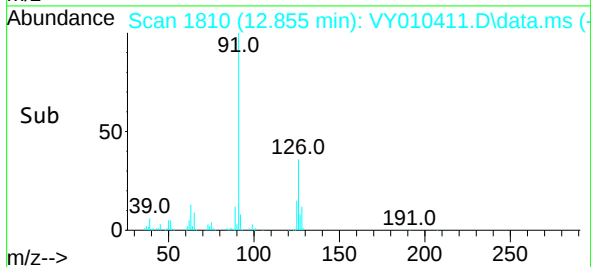
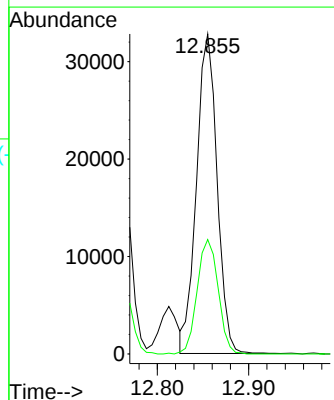
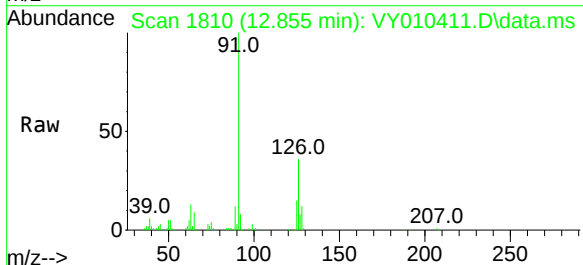
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

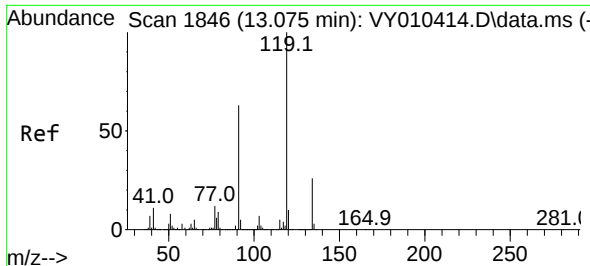
Tgt Ion: 75 Resp: 4373
Ion Ratio Lower Upper
75 100
53 94.9 85.3 127.9
89 42.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 5.031 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion: 91 Resp: 51217
Ion Ratio Lower Upper
91 100
126 36.6 17.0 51.0

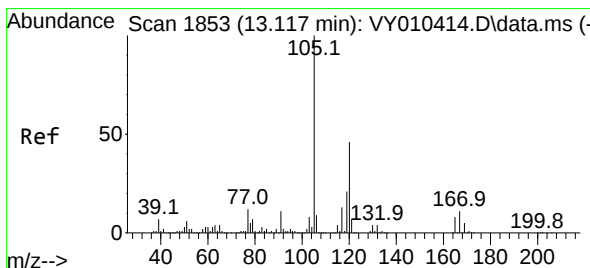
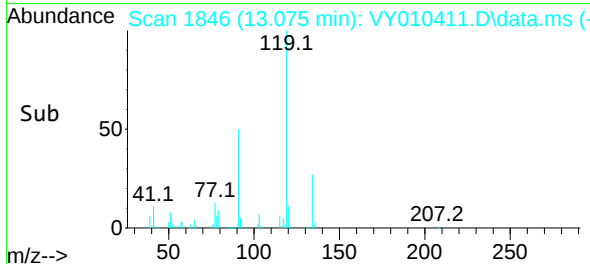
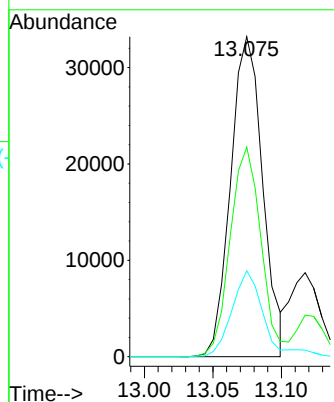
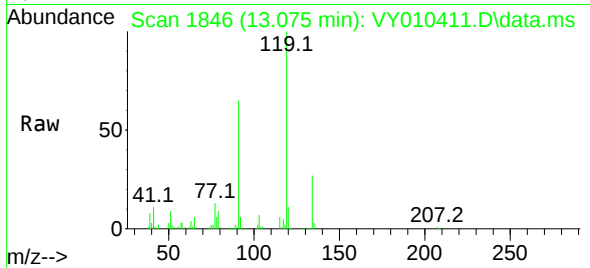




#83
tert-Butylbenzene
Concen: 4.985 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

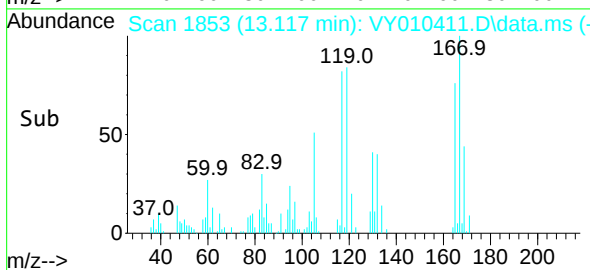
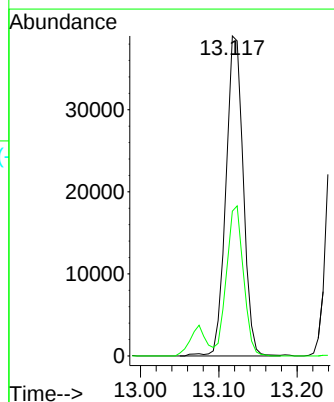
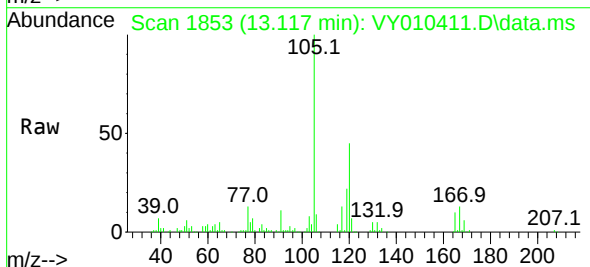
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

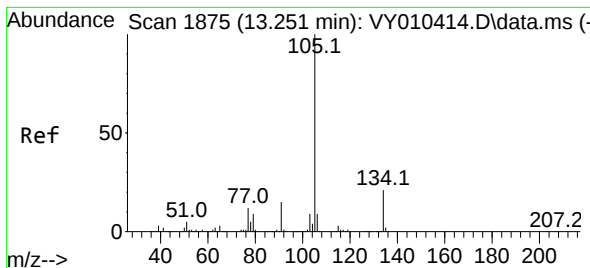
Tgt Ion:119 Resp: 54082
Ion Ratio Lower Upper
119 100
91 63.6 34.8 104.4
134 26.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 4.945 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion:105 Resp: 60056
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 5.061 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

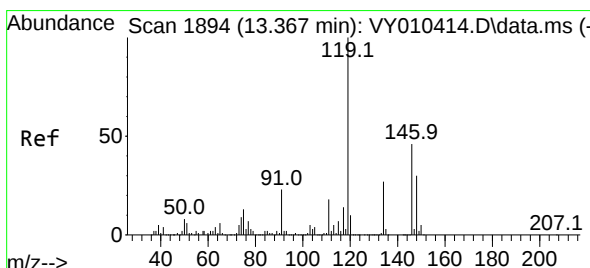
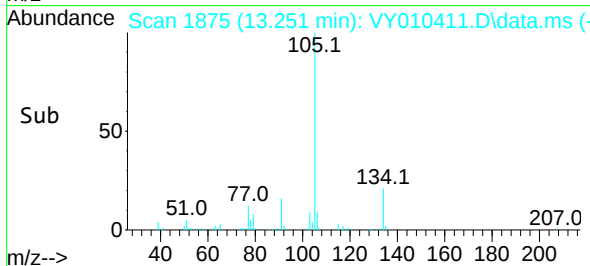
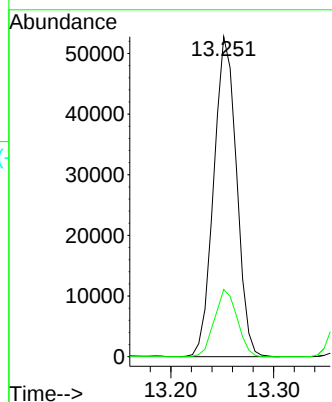
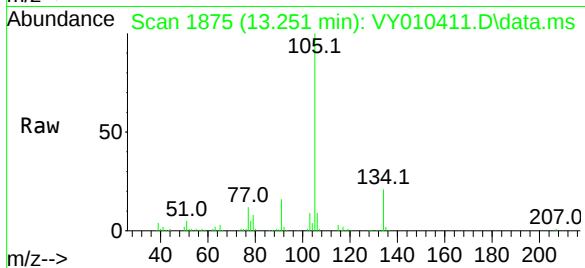
VSTDIC005

Tgt Ion:105 Resp: 81300

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 4.909 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

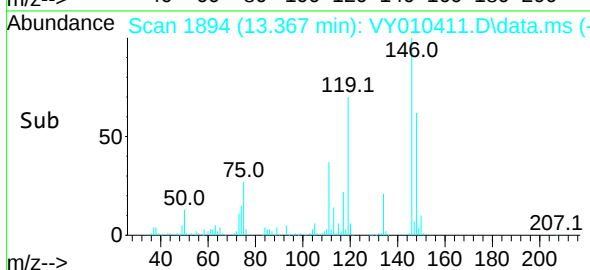
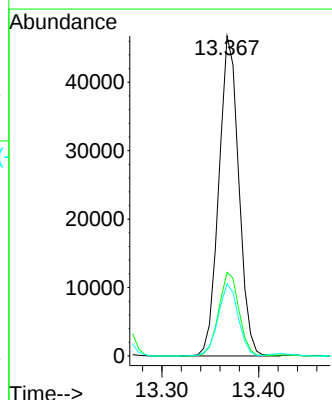
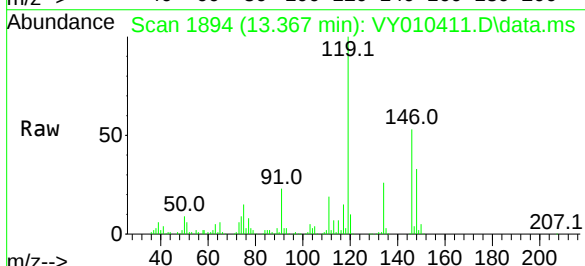
Tgt Ion:119 Resp: 66710

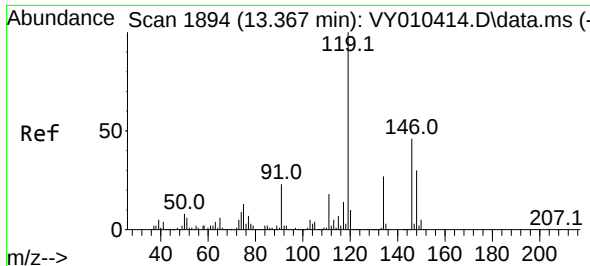
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

91 22.8 12.4 37.2

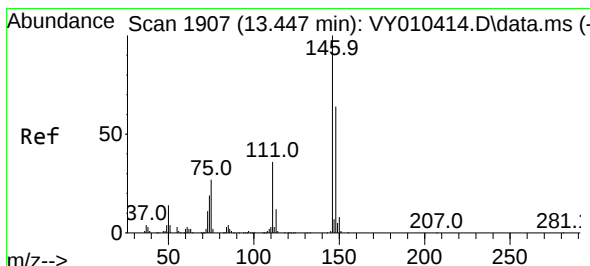
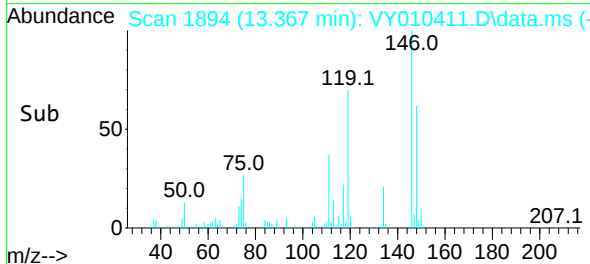
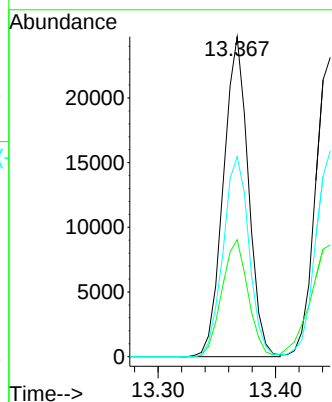
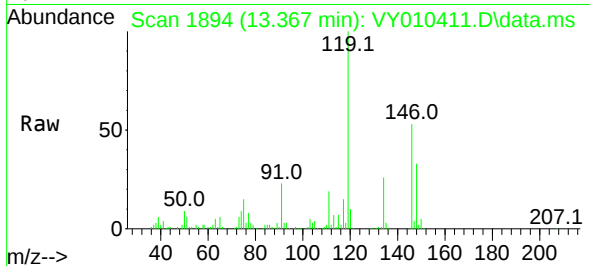




#87
1,3-Dichlorobenzene
Concen: 5.204 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

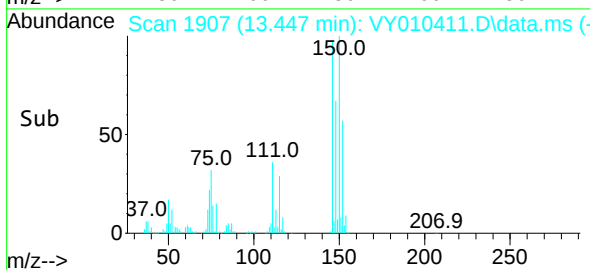
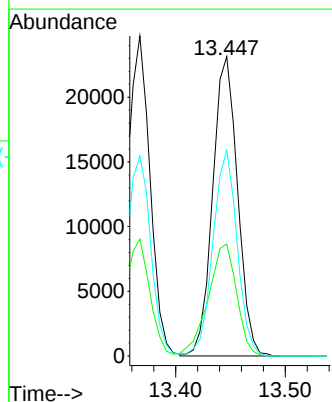
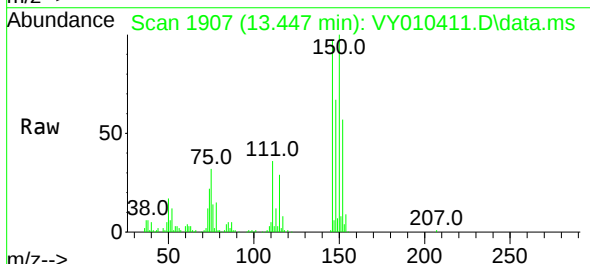
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

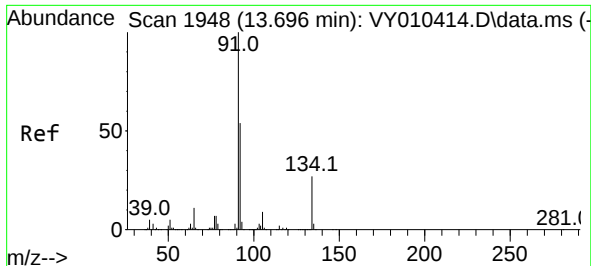
Tgt Ion:146 Resp: 36427
Ion Ratio Lower Upper
146 100
111 38.4 19.5 58.5
148 65.1 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 5.266 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion:146 Resp: 36506
Ion Ratio Lower Upper
146 100
111 42.9 19.3 57.8
148 66.9 32.6 97.8

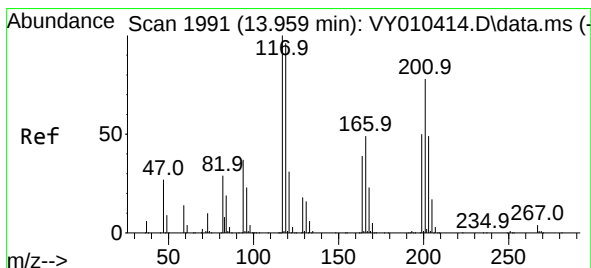
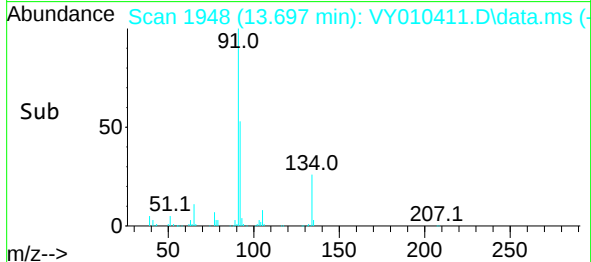
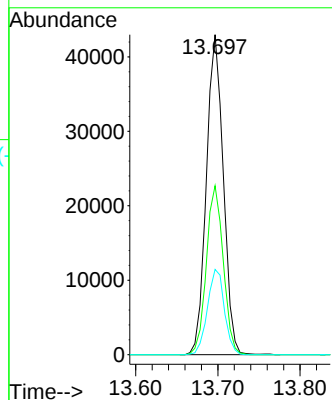
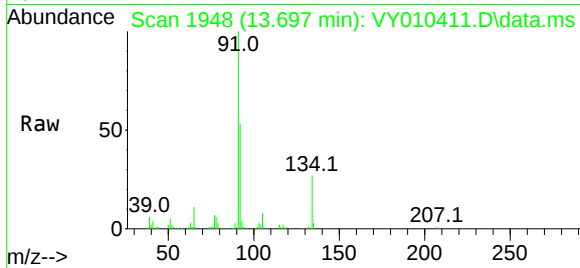




#89
n-Butylbenzene
Concen: 4.995 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

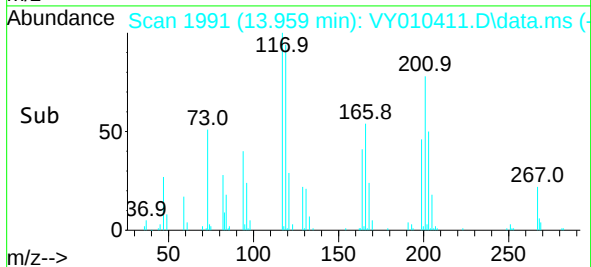
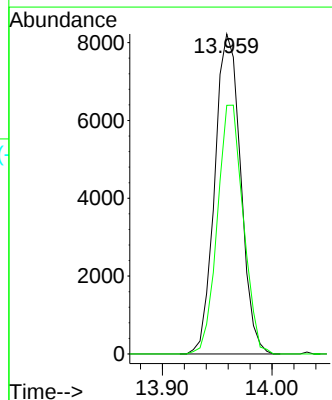
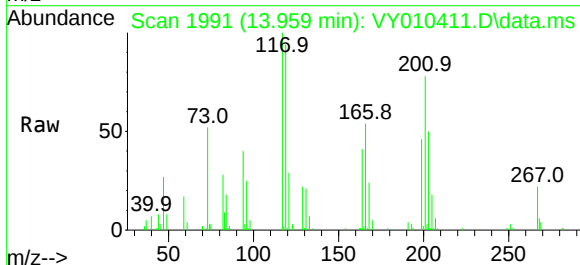
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

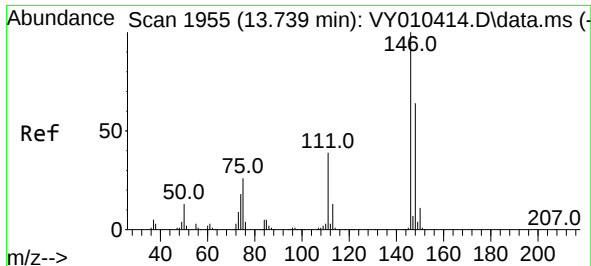
Tgt Ion: 91 Resp: 61616
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 26.6 13.0 38.9



#90
Hexachloroethane
Concen: 5.281 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY010411.D
Acq: 09 Sep 2022 11:29

Tgt Ion: 117 Resp: 13475
Ion Ratio Lower Upper
117 100
201 77.8 43.0 128.8

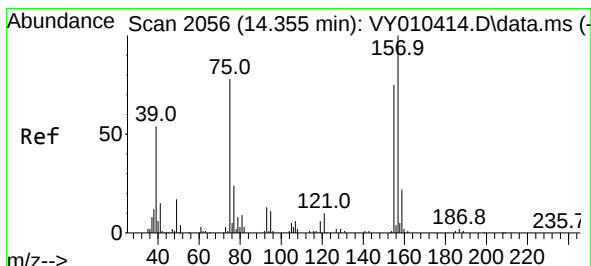
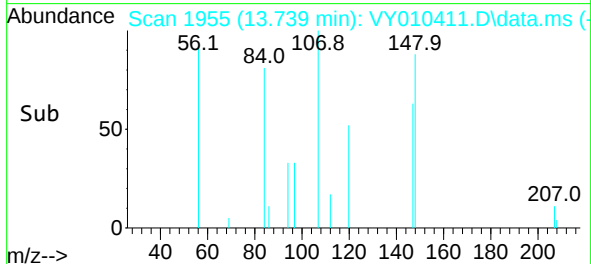
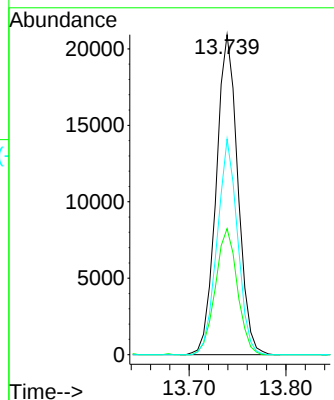
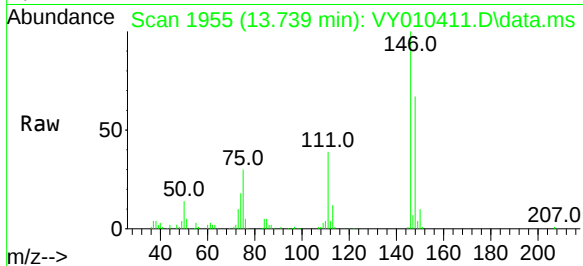




#91
 1,2-Dichlorobenzene
 Concen: 5.234 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY010411.D
 Acq: 09 Sep 2022 11:29

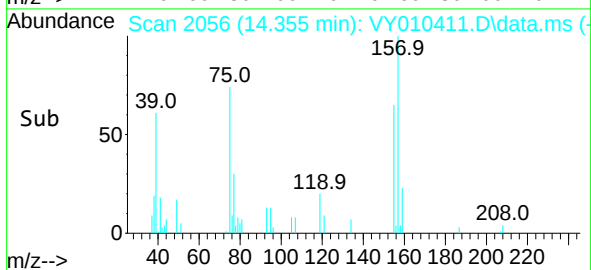
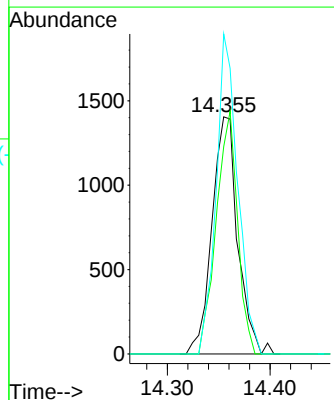
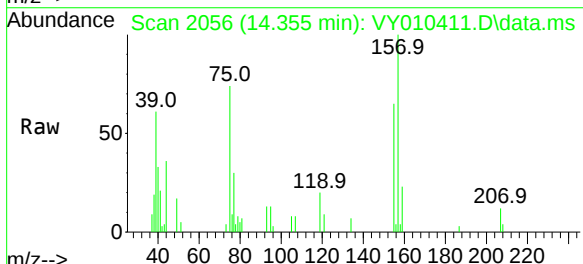
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

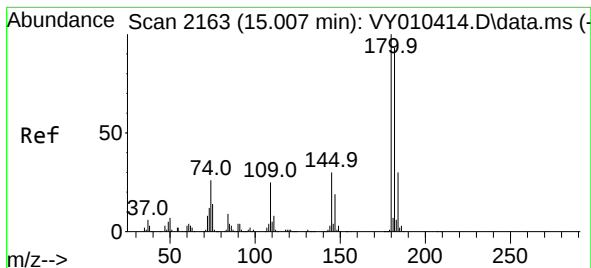
Tgt Ion:146	Resp:	32453
Ion Ratio	Lower	Upper
146	100	
111	39.9	20.3 60.9
148	63.6	32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.255 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY010411.D
 Acq: 09 Sep 2022 11:29

Tgt Ion: 75	Resp:	2441
Ion Ratio	Lower	Upper
75	100	
155	84.3	38.0 113.9
157	113.4	47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 4.985 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

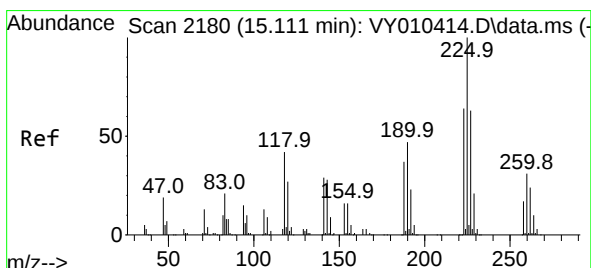
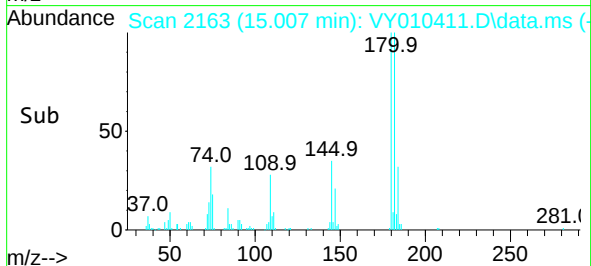
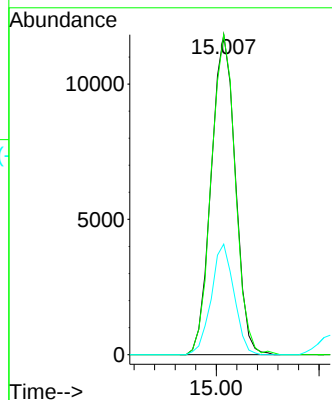
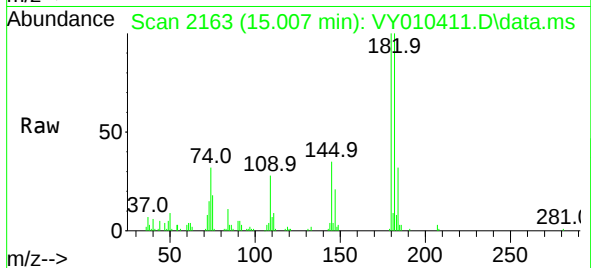
Tgt Ion:180 Resp: 19197

Ion Ratio Lower Upper

180 100

182 99.7 47.3 141.9

145 32.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 5.344 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

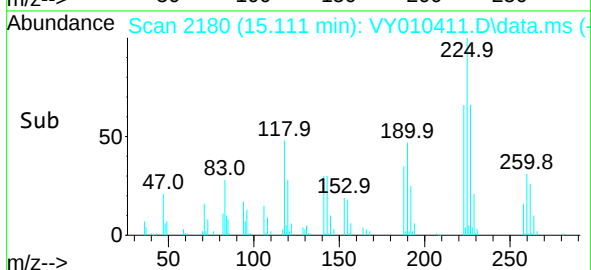
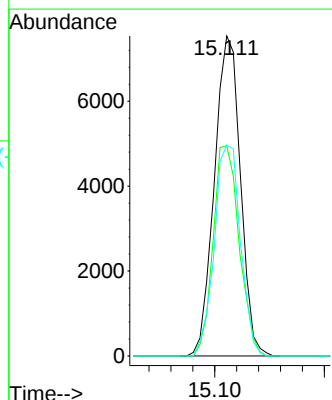
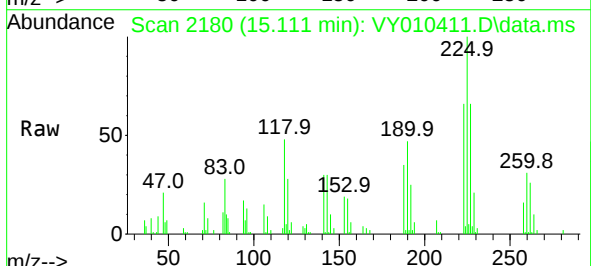
Tgt Ion:225 Resp: 12416

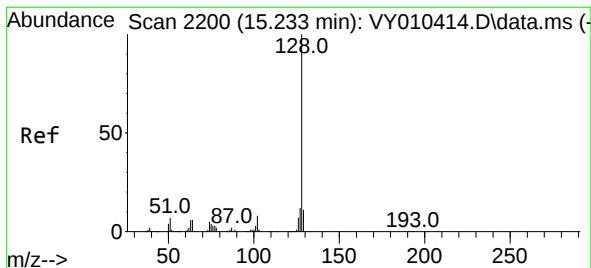
Ion Ratio Lower Upper

225 100

223 65.7 30.8 92.3

227 66.5 31.6 94.7





#95

Naphthalene

Concen: 4.797 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

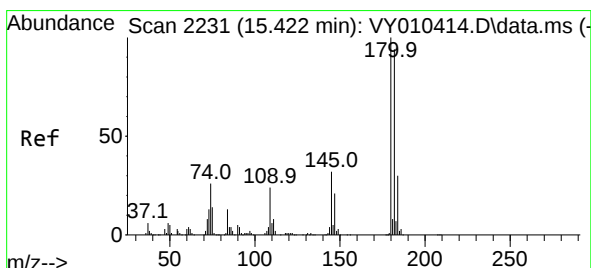
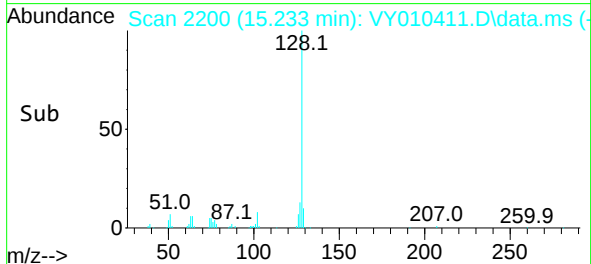
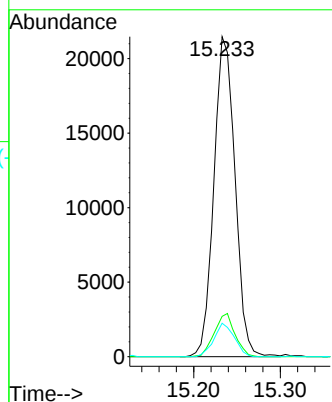
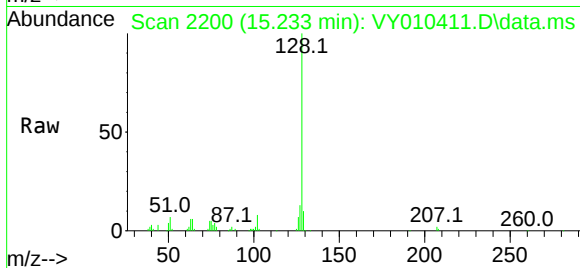
Tgt Ion:128 Resp: 36435

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

129 10.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 5.105 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY010411.D

Acq: 09 Sep 2022 11:29

Tgt Ion:180 Resp: 17162

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.9

145 32.3 15.3 45.9

