

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010412.D
 Acq On : 09 Sep 2022 12:32
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Sep 09 16:53:06 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	7.783	168	268400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	418492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	371306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	186352	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	27367	10.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.240%#
35) Dibromofluoromethane	7.710	113	35431	11.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	23.840%#
50) Toluene-d8	10.179	98	85034	8.828	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	17.660%#
62) 4-Bromofluorobenzene	12.483	95	60046	13.584	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	27.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	25586	12.442	ug/l	99
3) Chloromethane	2.113	50	34964	11.595	ug/l	95
4) Vinyl Chloride	2.247	62	42343	11.382	ug/l	100
5) Bromomethane	2.643	94	30907	11.859	ug/l	95
6) Chloroethane	2.784	64	27545	11.070	ug/l	100
7) Trichlorofluoromethane	3.119	101	51701	10.971	ug/l	92
8) Diethyl Ether	3.521	74	16059	10.522	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.893	101	30462	11.041	ug/l	95
10) Methyl Iodide	4.088	142	34133	9.997	ug/l	92
11) Tert butyl alcohol	4.942	59	25124	68.880	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	28719	11.095	ug/l	81
13) Acrolein	3.723	56	12411	48.125	ug/l	98
14) Allyl chloride	4.472	41	38347	10.288	ug/l #	91
15) Acrylonitrile	5.155	53	37452	50.692	ug/l	98
16) Acetone	3.948	43	34477	55.575	ug/l	94
17) Carbon Disulfide	4.186	76	80691	11.528	ug/l	98
18) Methyl Acetate	4.472	43	19475	10.204	ug/l #	88
19) Methyl tert-butyl Ether	5.222	73	72397	10.128	ug/l	93
20) Methylene Chloride	4.710	84	47010	12.417	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	31709	10.789	ug/l #	83
22) Diisopropyl ether	6.112	45	83627	10.050	ug/l #	92
23) Vinyl Acetate	6.051	43	250503	49.124	ug/l #	91
24) 1,1-Dichloroethane	6.009	63	53623	10.644	ug/l	97
25) 2-Butanone	6.984	43	49952	50.667	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	50902	10.589	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	36077	10.560	ug/l	88
28) Bromochloromethane	7.332	49	13329	8.252	ug/l #	78
29) Tetrahydrofuran	7.344	42	30528	49.614	ug/l #	83
30) Chloroform	7.496	83	56355	10.546	ug/l	98
31) Cyclohexane	7.777	56	51323	11.238	ug/l #	79
32) 1,1,1-Trichloroethane	7.697	97	50640	10.466	ug/l	96
36) 1,1-Dichloropropene	7.911	75	43782	10.760	ug/l	96
37) Ethyl Acetate	7.069	43	21075	9.853	ug/l #	93
38) Carbon Tetrachloride	7.899	117	48240	10.657	ug/l	98
39) Methylcyclohexane	9.179	83	54974	10.836	ug/l	88
40) Benzene	8.155	78	123117	10.511	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	28465	24.535	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	35982	10.330	ug/l	92
43) Isopropyl Acetate	8.271	43	36848	9.413	ug/l #	91
44) Trichloroethene	8.935	130	36235	10.509	ug/l	98
45) 1,2-Dichloropropane	9.209	63	29592	10.359	ug/l	98
46) Dibromomethane	9.301	93	17639	10.239	ug/l	96
47) Bromodichloromethane	9.490	83	41896	10.239	ug/l	95
48) Methyl methacrylate	9.295	41	16855	9.587	ug/l #	80
49) 1,4-Dioxane	9.295	88	4128	181.019	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	102566	47.768	ug/l	91
52) Toluene	10.240	92	81210	10.595	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	42410	10.071	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	48228	10.154	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	24904	10.163	ug/l	98
56) Ethyl methacrylate	10.508	69	30421	9.453	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	41622	10.215	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	62807	57.368	ug/l	93
59) 2-Hexanone	10.831	43	69194	47.276	ug/l	87
60) Dibromochloromethane	10.983	129	30232	10.096	ug/l	99
61) 1,2-Dibromoethane	11.087	107	24272	10.203	ug/l	100
64) Tetrachloroethene	10.721	164	36225	10.824	ug/l	98
65) Chlorobenzene	11.514	112	87864	10.582	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	31407	10.212	ug/l	96
67) Ethyl Benzene	11.593	91	152515	10.378	ug/l	97
68) m/p-Xylenes	11.703	106	119501	20.712	ug/l	94
69) o-Xylene	12.032	106	56601	10.274	ug/l	93
70) Styrene	12.044	104	95198	10.210	ug/l	95
71) Bromoform	12.209	173	19303	10.039	ug/l #	99
73) Isopropylbenzene	12.331	105	154335	10.615	ug/l	100
74) N-amyl acetate	12.142	43	30461	8.979	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	28310	10.409	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	36303	17.919	ug/l #	100
77) Bromobenzene	12.611	156	36463	10.583	ug/l	92
78) n-propylbenzene	12.672	91	182981	10.628	ug/l	97
79) 2-Chlorotoluene	12.758	91	101343	10.478	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	130918	10.672	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	8844	9.548	ug/l	94
82) 4-Chlorotoluene	12.855	91	106680	10.603	ug/l	98
83) tert-Butylbenzene	13.075	119	112271	10.470	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	125920	10.490	ug/l	95
85) sec-Butylbenzene	13.251	105	167985	10.580	ug/l	98
86) p-Isopropyltoluene	13.367	119	141345	10.524	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	73178	10.577	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	73201	10.685	ug/l	98
89) n-Butylbenzene	13.696	91	127786	10.482	ug/l	98
90) Hexachloroethane	13.959	117	26787	10.623	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	64196	10.476	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4691	10.218	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	39749	10.444	ug/l	99
94) Hexachlorobutadiene	15.111	225	25177	10.964	ug/l	99
95) Naphthalene	15.239	128	73558	9.799	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	35273	10.617	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Sep 09 16:52:24 2022
Response via : Initial Calibration

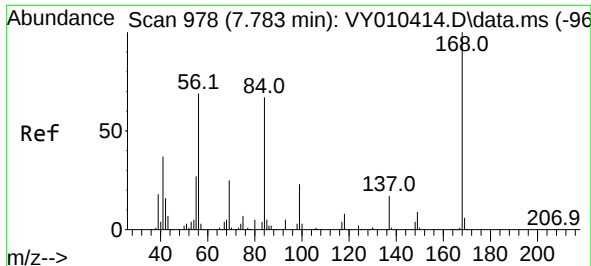
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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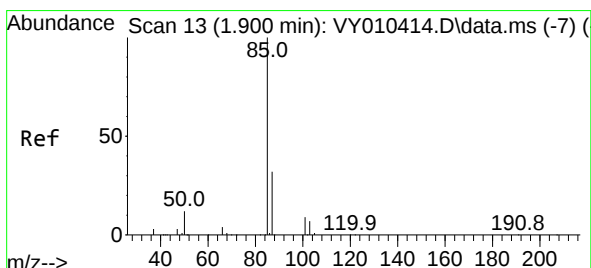
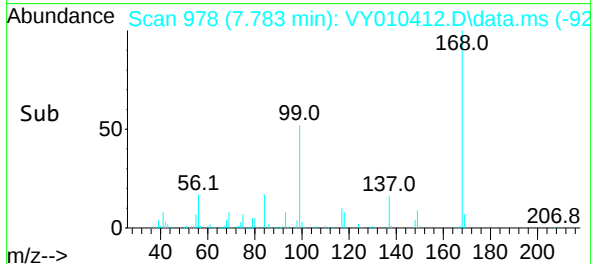
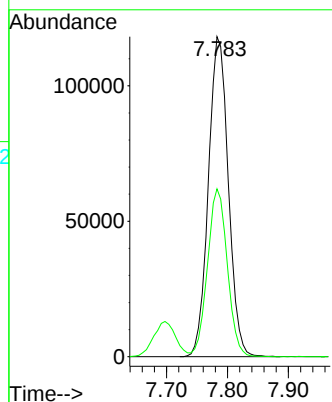
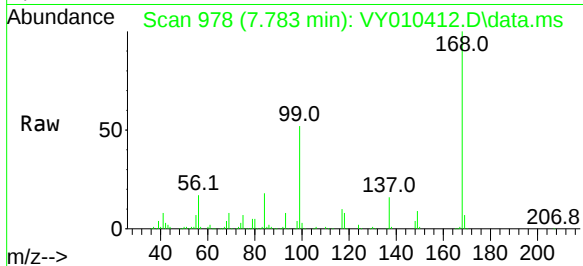




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010412.D
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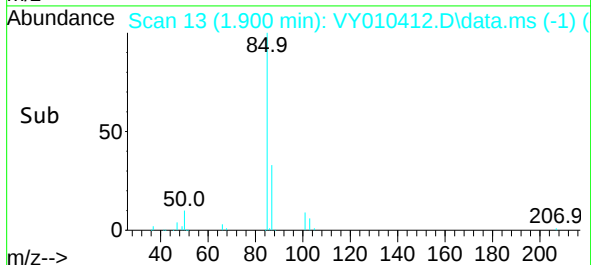
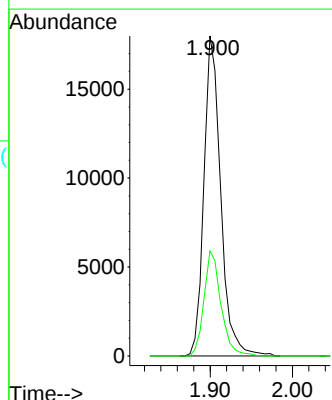
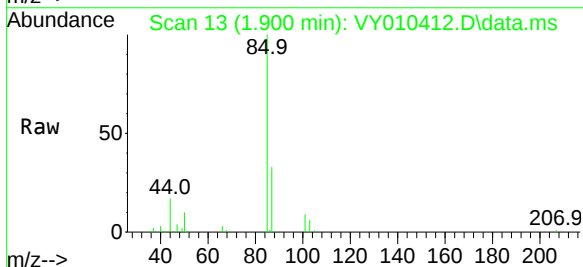
Instrument :
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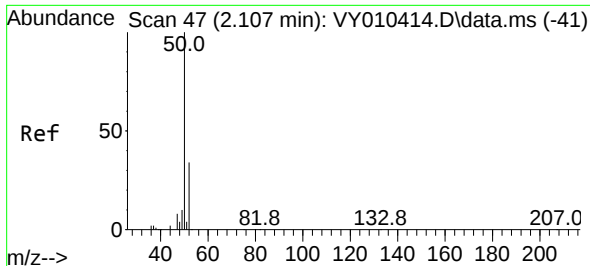
Tgt Ion:168 Resp: 268400
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 12.442 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion: 85 Resp: 25586
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.2

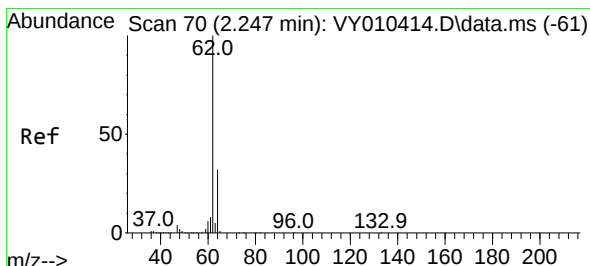
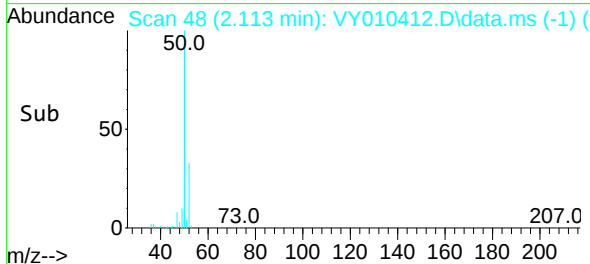
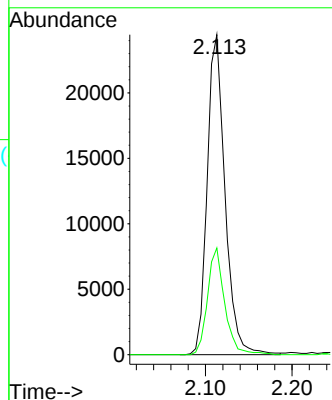
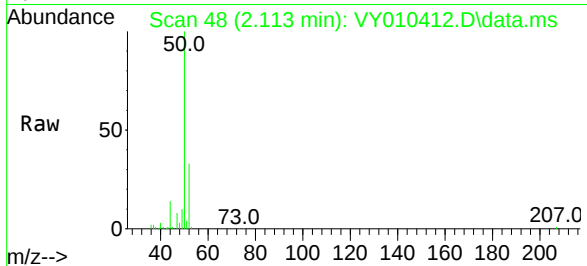




#3
Chloromethane
Concen: 11.595 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

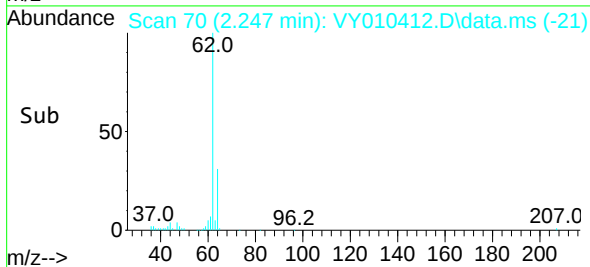
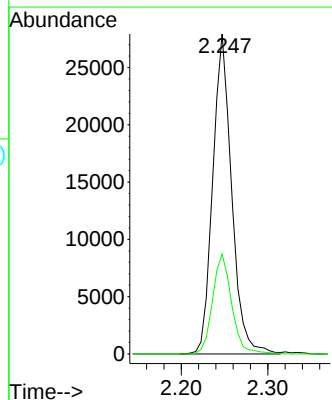
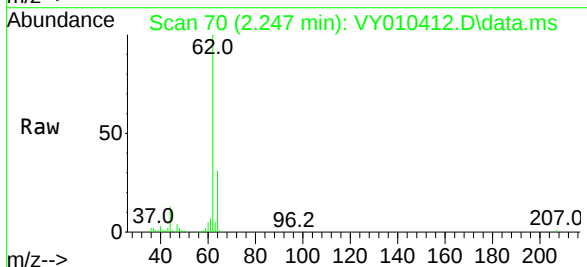
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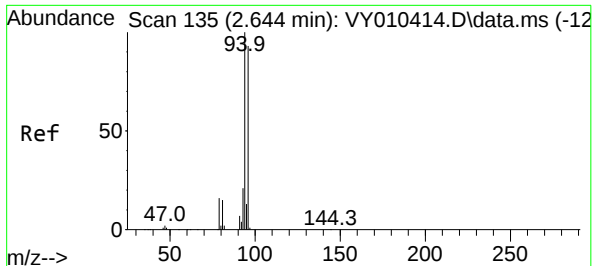
Tgt Ion: 50 Resp: 34964
Ion Ratio Lower Upper
50 100
52 33.3 24.6 37.0



#4
Vinyl Chloride
Concen: 11.382 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion: 62 Resp: 42343
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.6

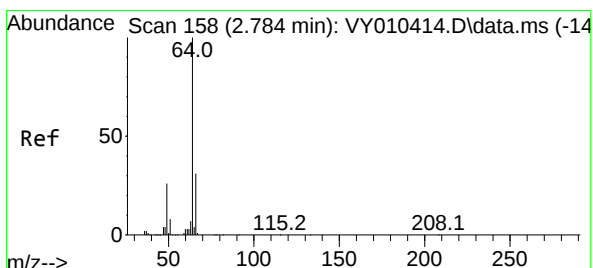
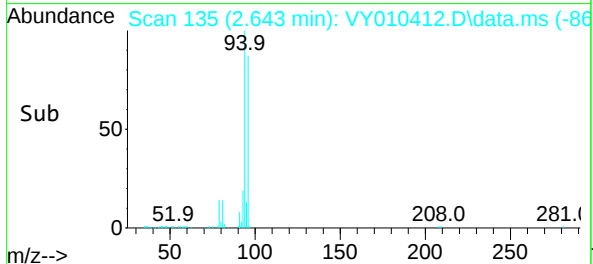
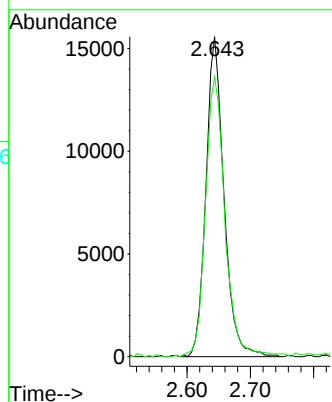
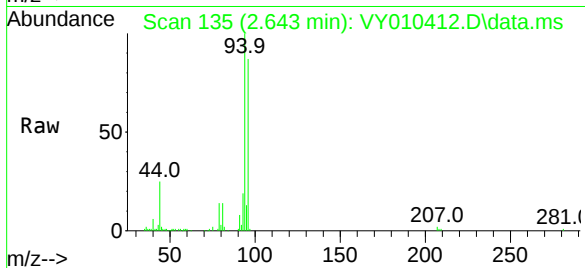




#5
Bromomethane
Concen: 11.859 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

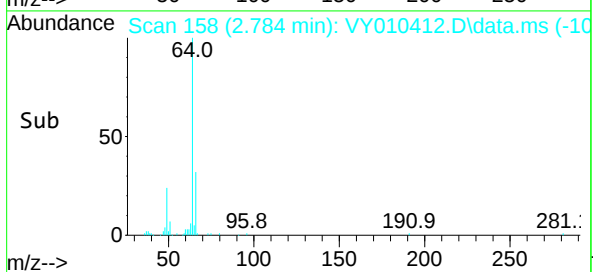
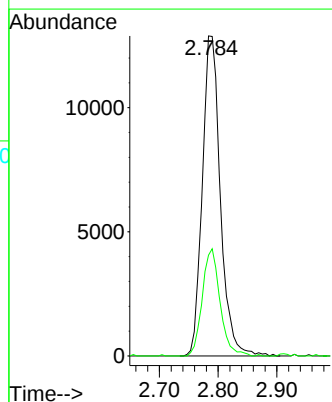
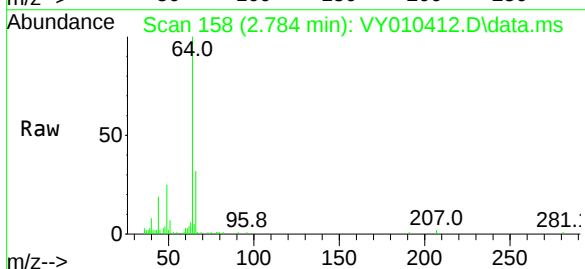
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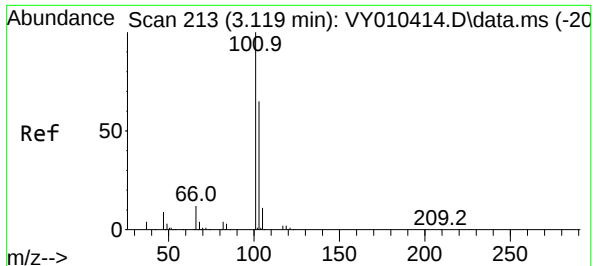
Tgt Ion: 94 Resp: 30907
Ion Ratio Lower Upper
94 100
96 87.4 73.5 110.3



#6
Chloroethane
Concen: 11.070 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion: 64 Resp: 27545
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.0

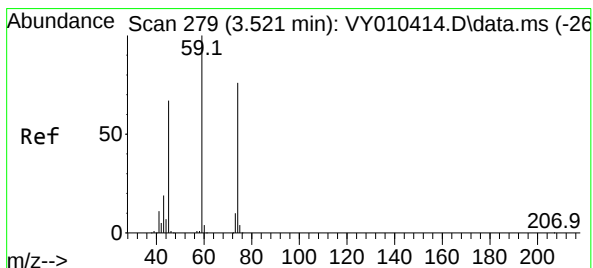
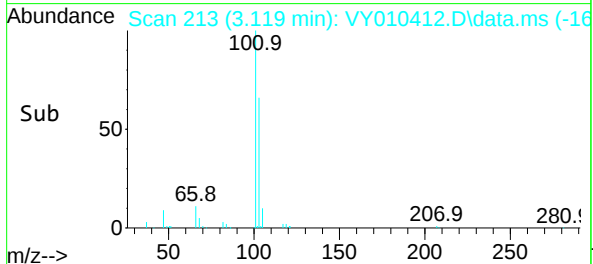
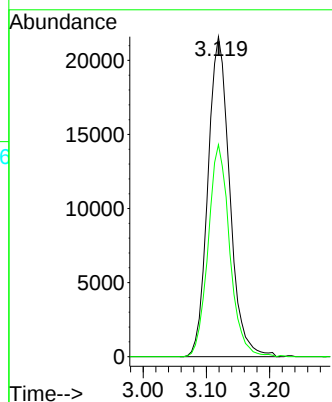
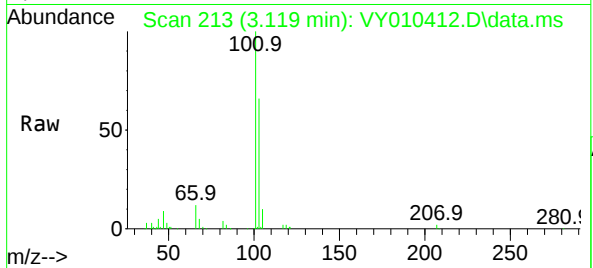




#7
Trichlorofluoromethane
Concen: 10.971 ug/l
RT: 3.119 min Scan# 213
Delta R.T. -0.000 min
Lab File: VY010412.D
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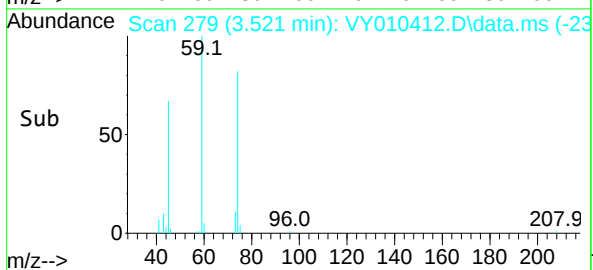
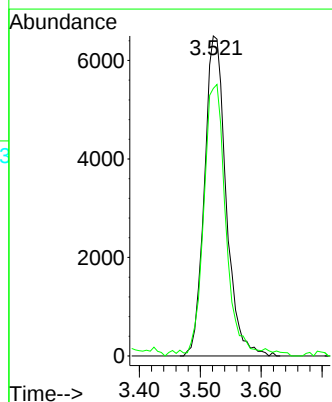
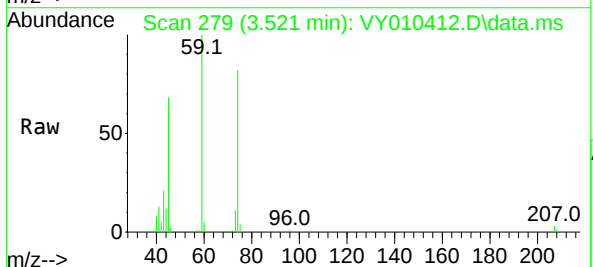
Instrument :
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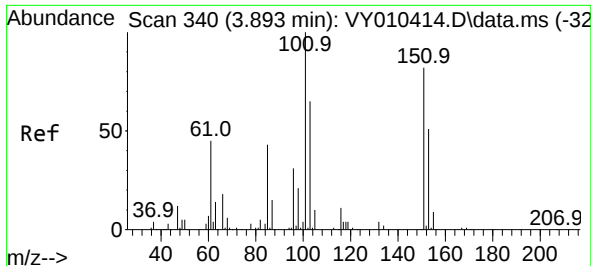
Tgt Ion:101 Resp: 51701
Ion Ratio Lower Upper
101 100
103 66.3 48.0 72.0



#8
Diethyl Ether
Concen: 10.522 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion: 74 Resp: 16059
Ion Ratio Lower Upper
74 100
45 83.3 55.1 165.5

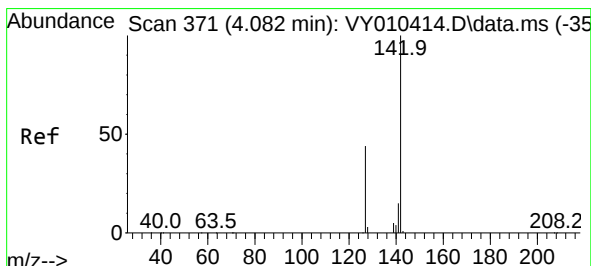
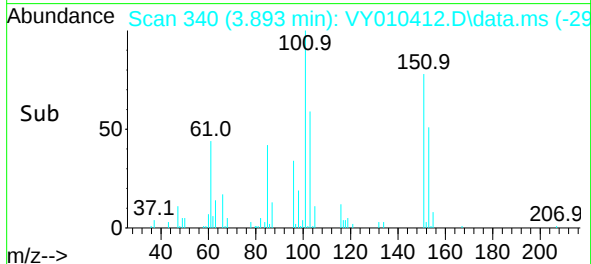
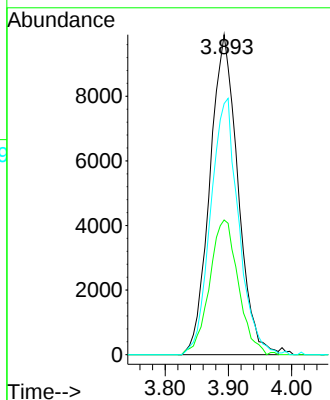
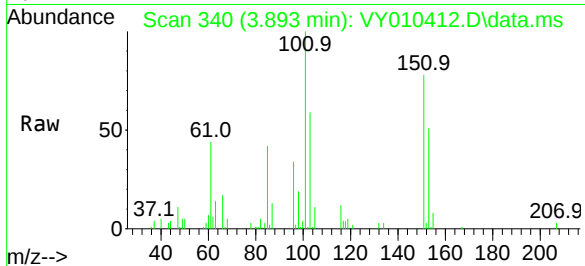




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.041 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY010412.D
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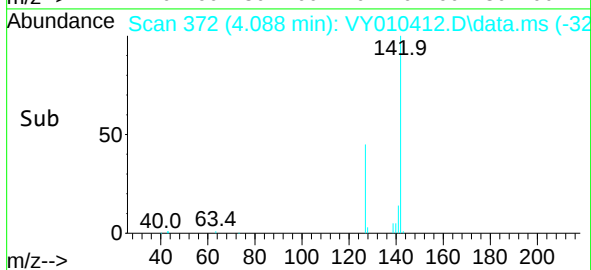
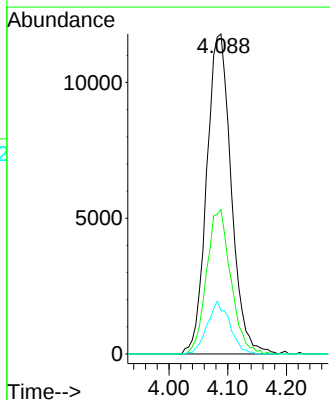
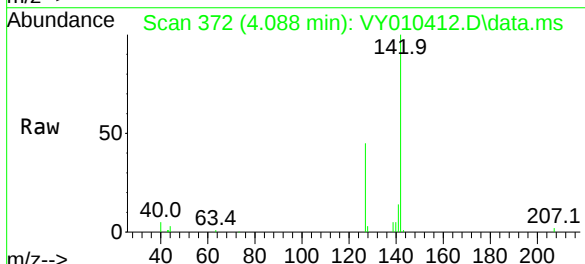
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

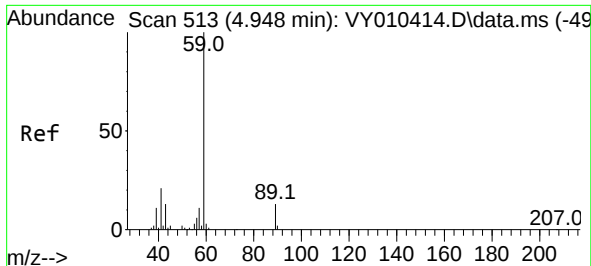
Tgt Ion:101 Resp: 30462
Ion Ratio Lower Upper
101 100
85 43.3 40.6 60.8
151 80.3 64.9 97.3



#10
Methyl Iodide
Concen: 9.997 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion:142 Resp: 34133
Ion Ratio Lower Upper
142 100
127 44.6 41.5 62.3
141 15.2 11.9 17.9

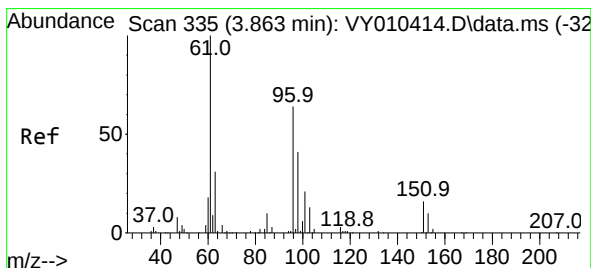
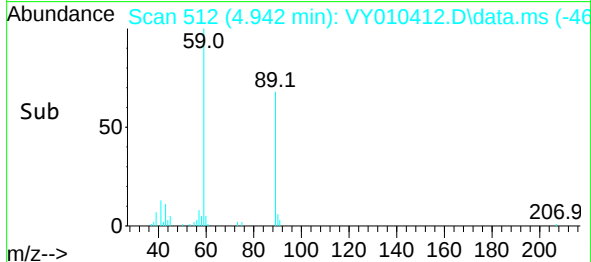
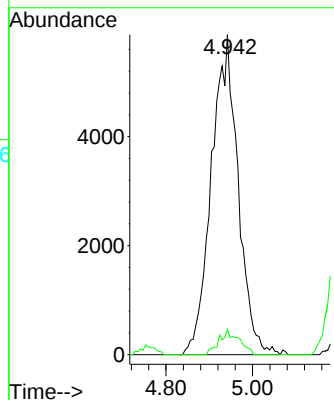
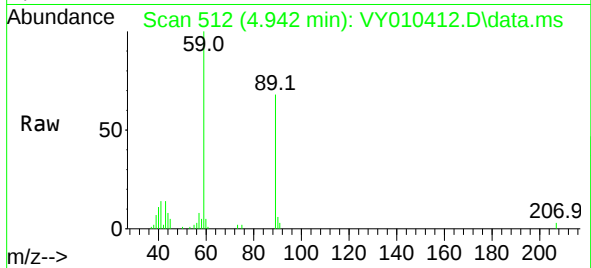




#11
Tert butyl alcohol
Concen: 68.880 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

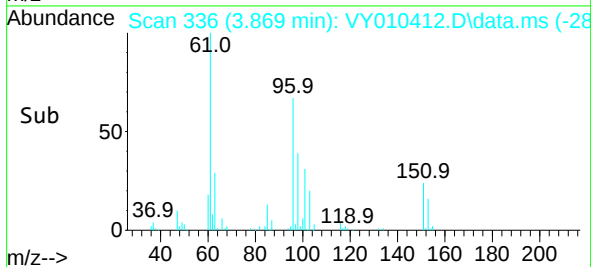
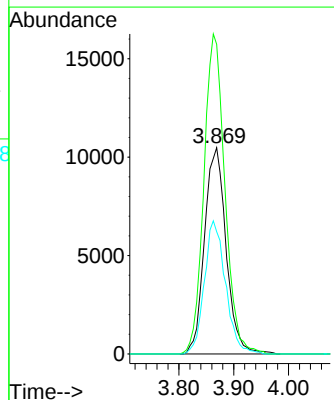
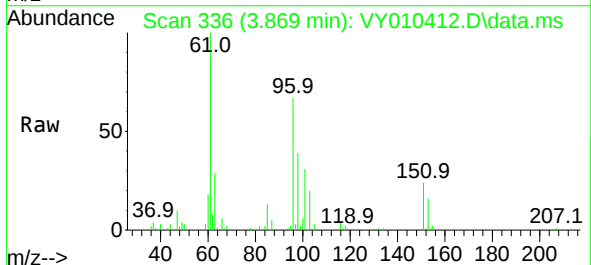
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

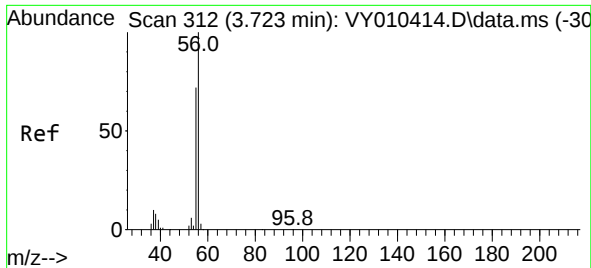
Tgt Ion: 59 Resp: 25124
Ion Ratio Lower Upper
59 100
57 5.8 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 11.095 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion: 96 Resp: 28719
Ion Ratio Lower Upper
96 100
61 150.1 145.8 218.6
98 59.3 52.5 78.7





#13

Acrolein

Concen: 48.125 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

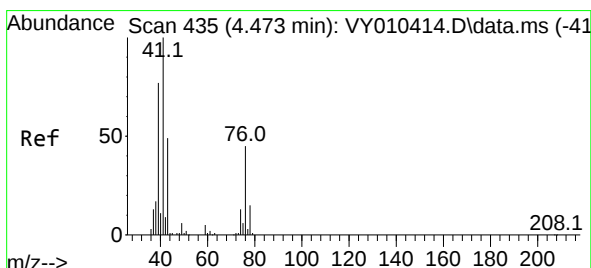
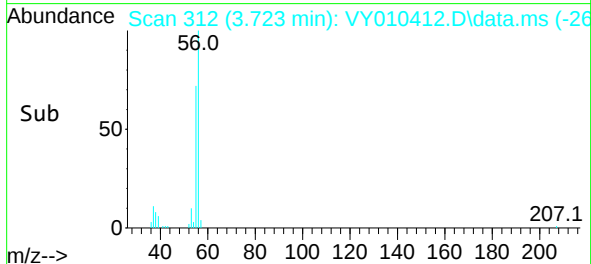
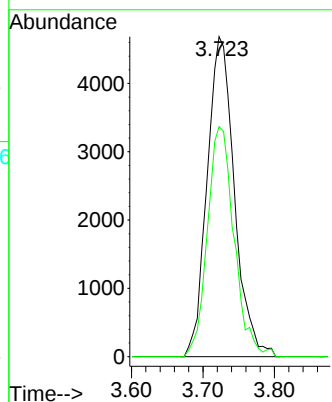
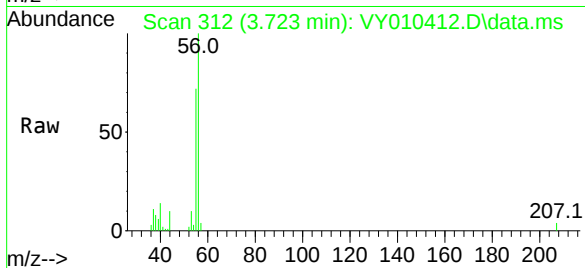
VSTDICC010

Tgt Ion: 56 Resp: 12411

Ion Ratio Lower Upper

56 100

55 70.3 57.6 86.4



#14

Allyl chloride

Concen: 10.288 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

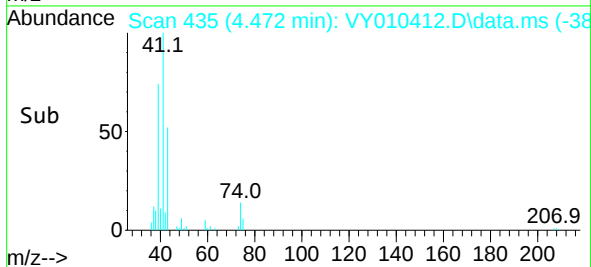
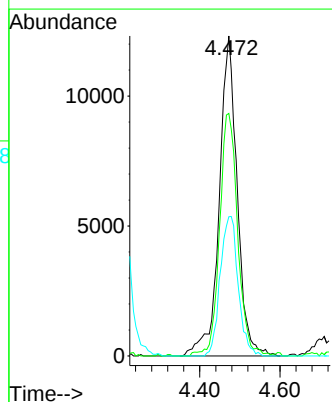
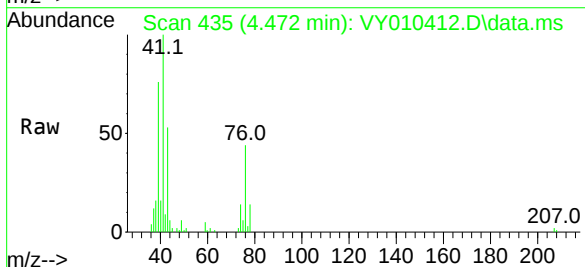
Tgt Ion: 41 Resp: 38347

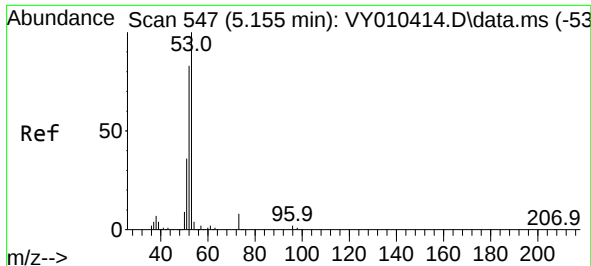
Ion Ratio Lower Upper

41 100

39 76.3 58.8 88.2

76 43.5 25.1 37.7#

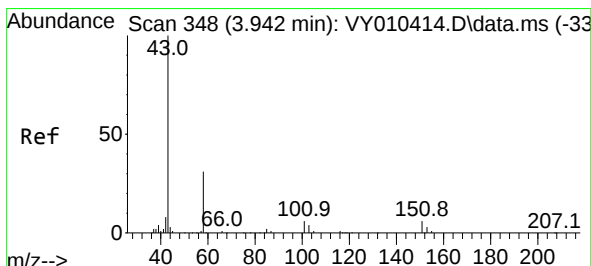
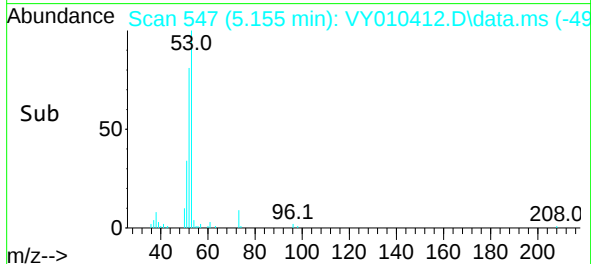
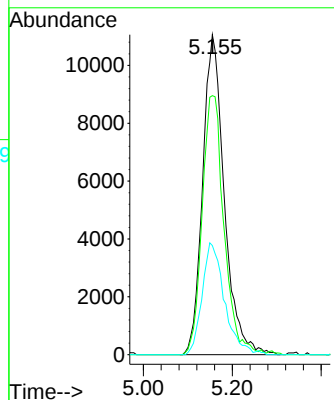
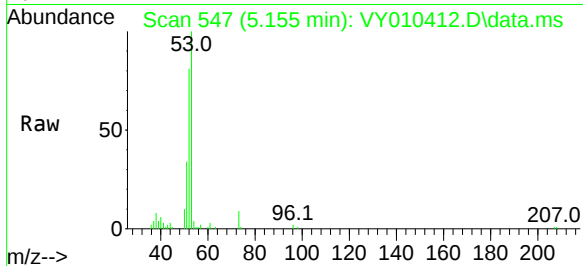




#15
Acrylonitrile
Concen: 50.692 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

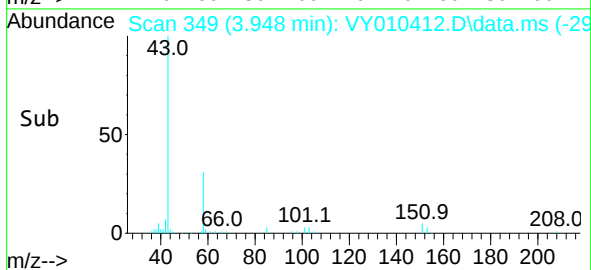
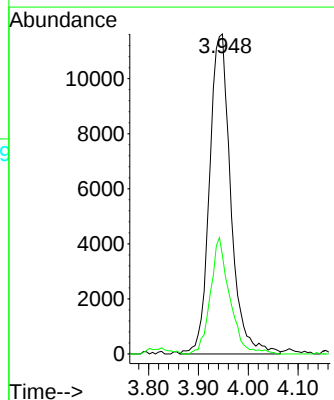
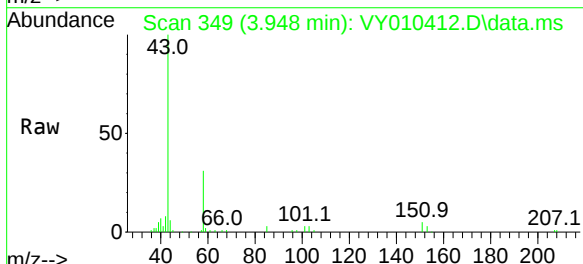
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

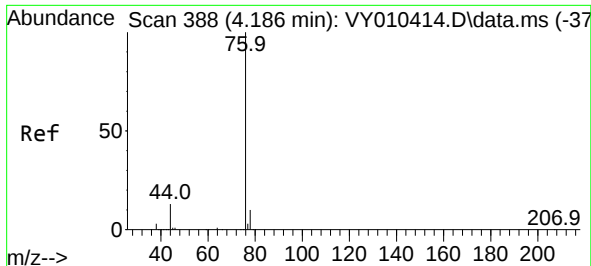
Tgt Ion: 53 Resp: 37452
Ion Ratio Lower Upper
53 100
52 81.7 67.0 100.4
51 35.9 29.8 44.6



#16
Acetone
Concen: 55.575 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion: 43 Resp: 34477
Ion Ratio Lower Upper
43 100
58 30.8 22.0 33.0

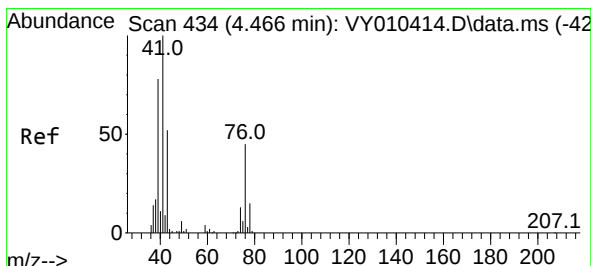
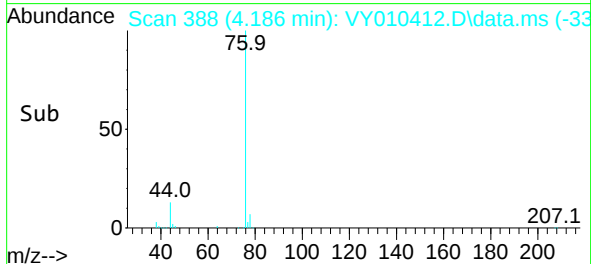
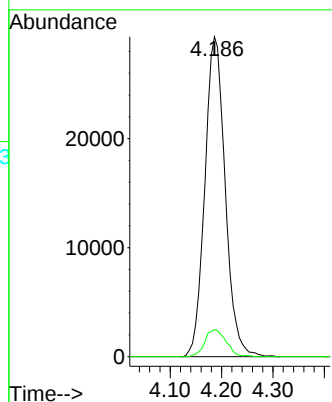
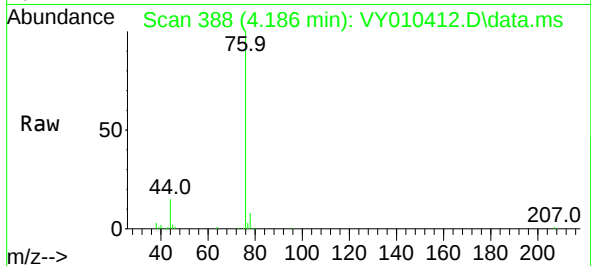




#17
Carbon Disulfide
Concen: 11.528 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

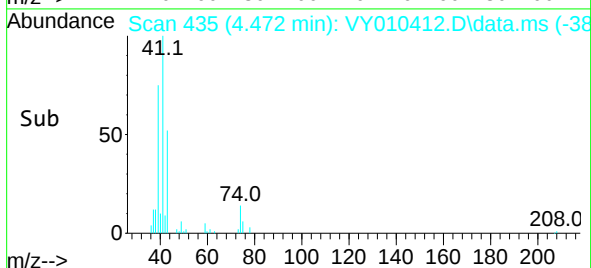
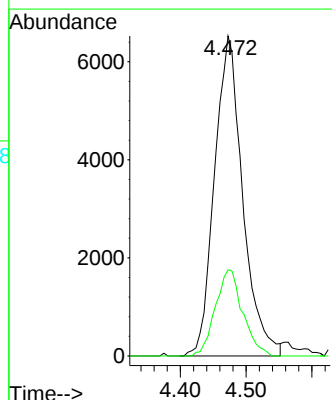
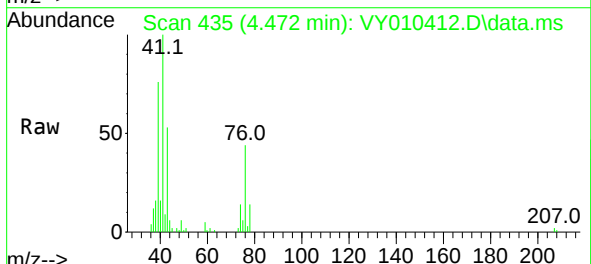
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

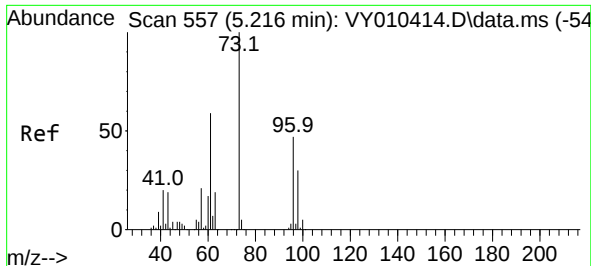
Tgt Ion: 76 Resp: 80691
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 10.204 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion: 43 Resp: 19475
Ion Ratio Lower Upper
43 100
74 26.1 16.6 24.8#

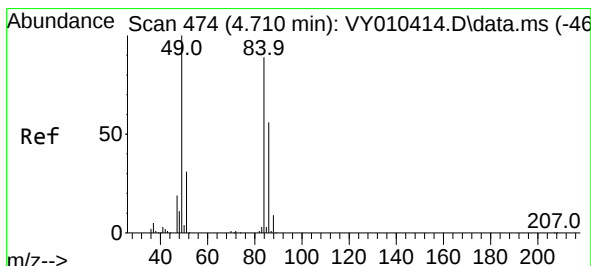
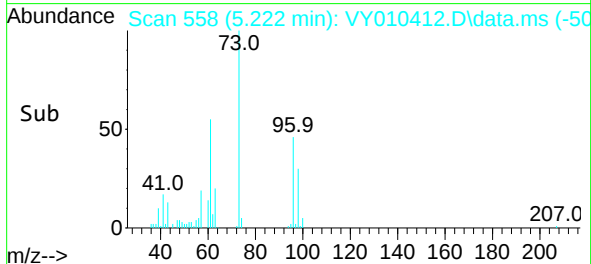
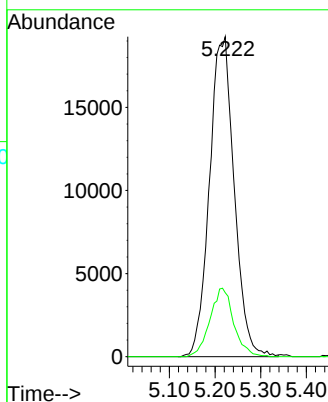
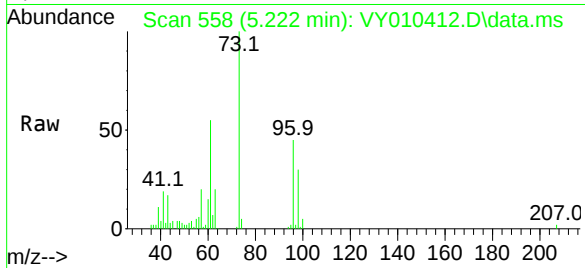




#19
Methyl tert-butyl Ether
Concen: 10.128 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

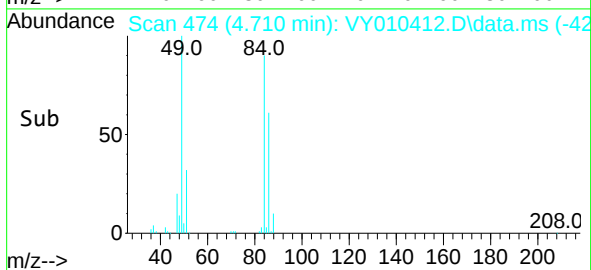
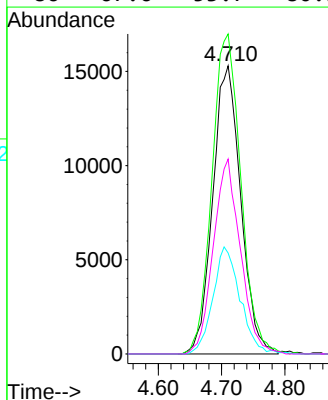
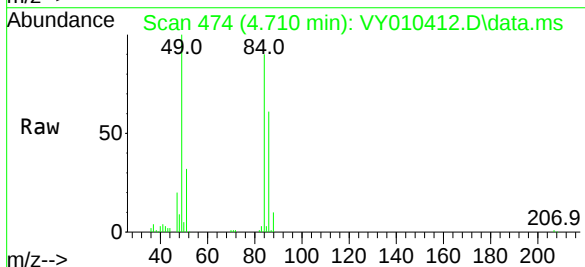
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

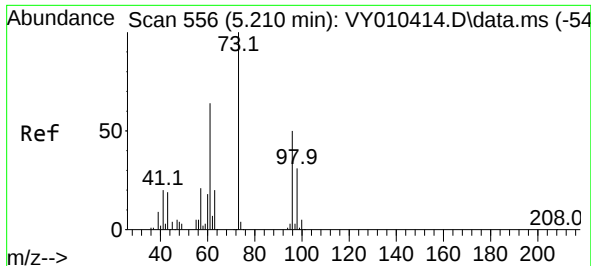
Tgt Ion: 73 Resp: 72397
Ion Ratio Lower Upper
73 100
57 20.0 18.6 27.8



#20
Methylene Chloride
Concen: 12.417 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion: 84 Resp: 47010
Ion Ratio Lower Upper
84 100
49 111.1 114.4 171.6#
51 35.1 35.3 52.9#
86 67.6 53.7 80.5

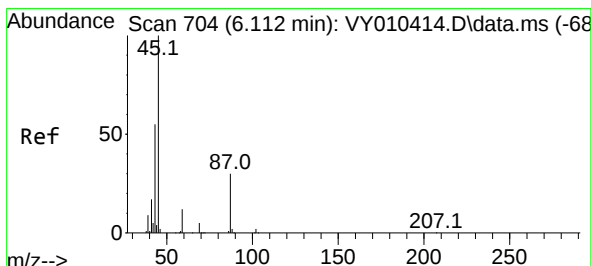
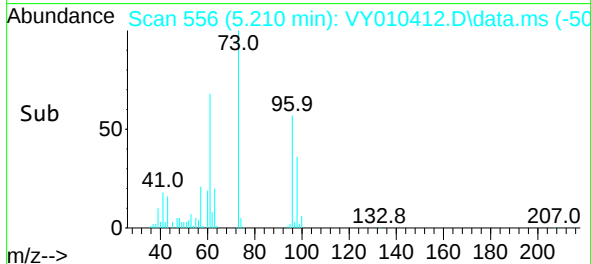
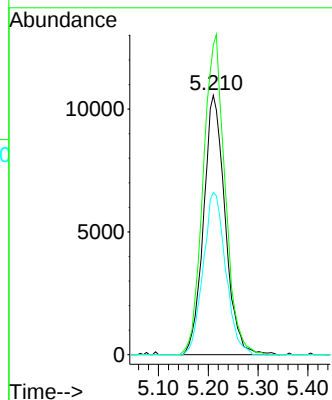
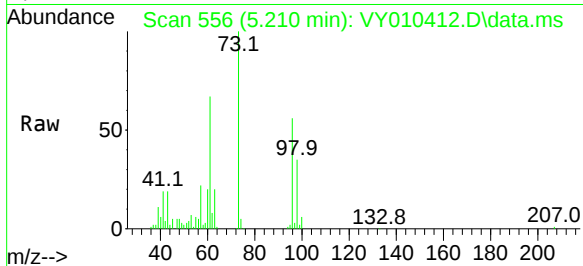




#21
trans-1,2-Dichloroethene
Concen: 10.789 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

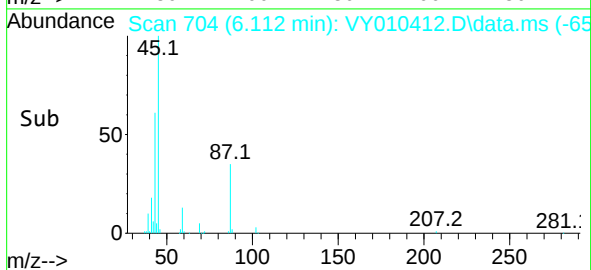
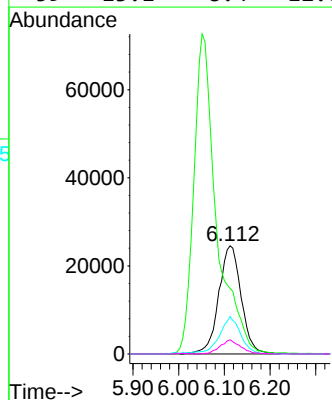
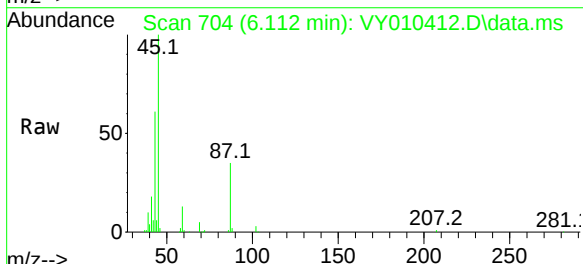
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

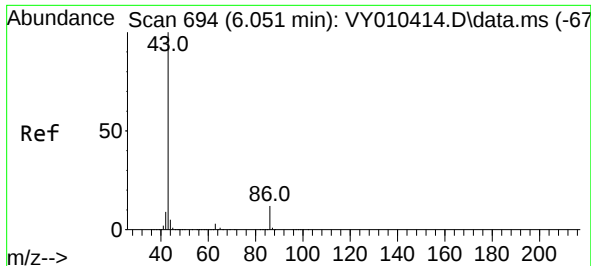
Tgt Ion: 96 Resp: 31709
Ion Ratio Lower Upper
96 100
61 119.3 120.5 180.7#
98 62.5 49.8 74.8



#22
Diisopropyl ether
Concen: 10.050 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion: 45 Resp: 83627
Ion Ratio Lower Upper
45 100
43 59.5 49.3 73.9
87 34.6 19.2 28.8#
59 13.1 8.4 12.6#

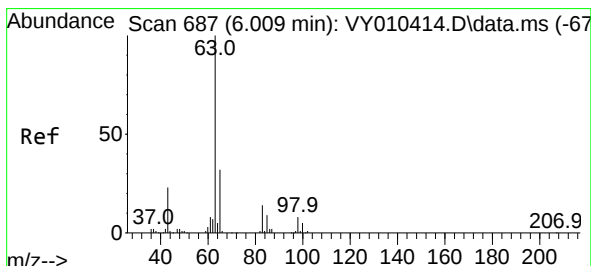
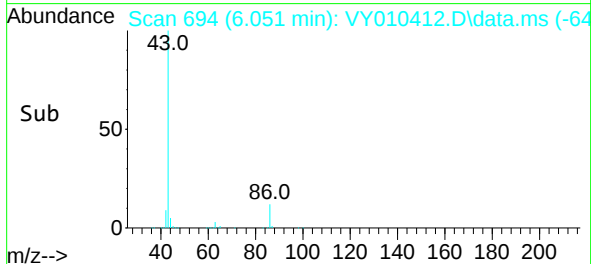
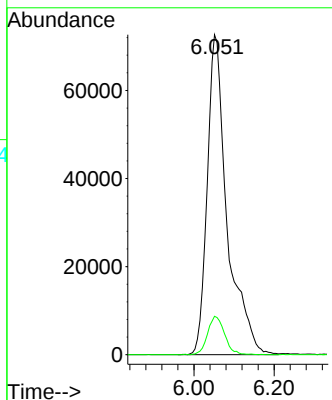
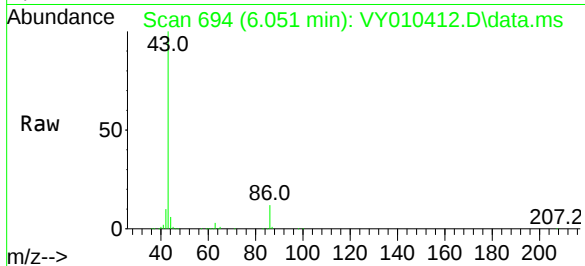




#23
 Vinyl Acetate
 Concen: 49.124 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY010412.D
 Acq: 09 Sep 2022 12:32

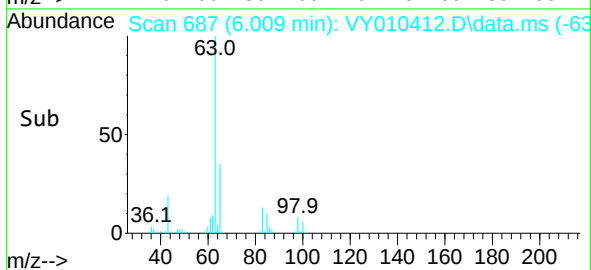
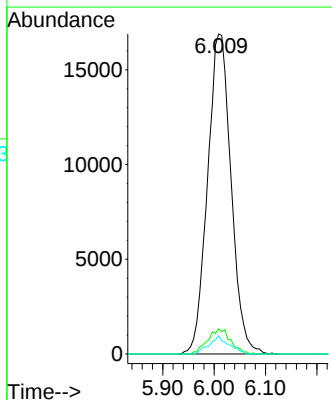
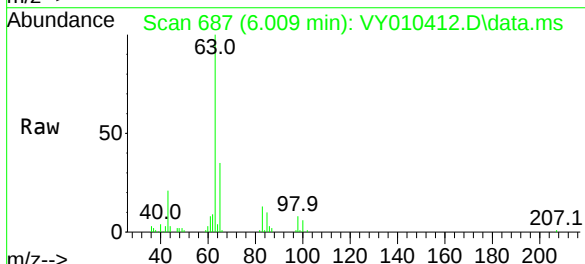
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 250503
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 10.644 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY010412.D
 Acq: 09 Sep 2022 12:32

Tgt Ion: 63 Resp: 53623
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 5.7 2.0 5.8

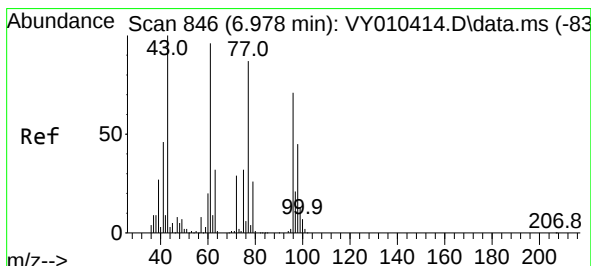
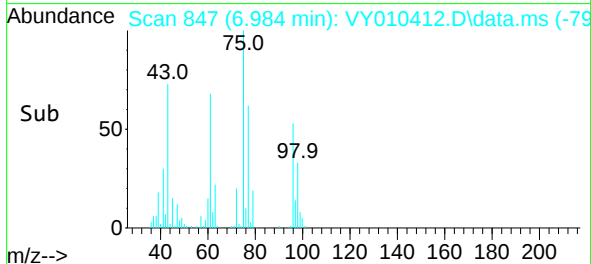
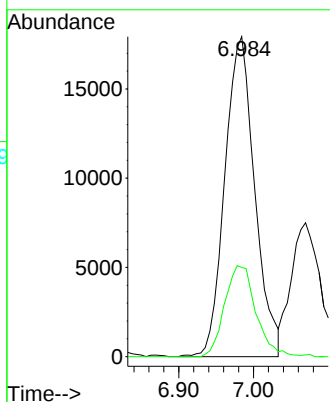
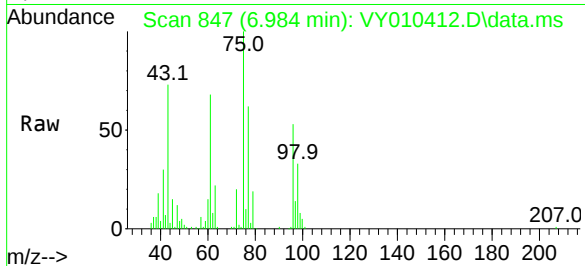




#25
2-Butanone
Concen: 50.667 ug/l
RT: 6.984 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

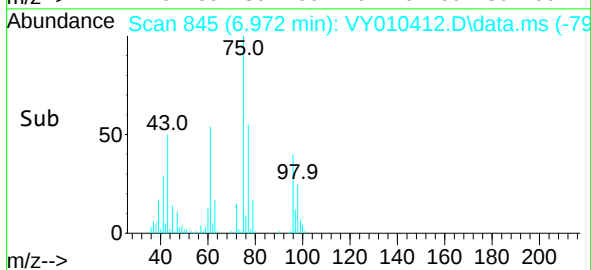
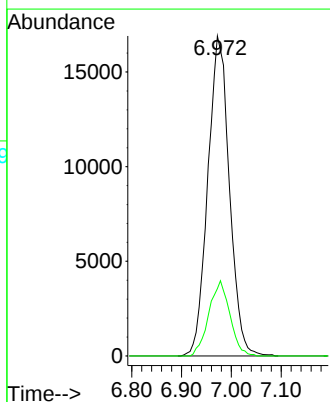
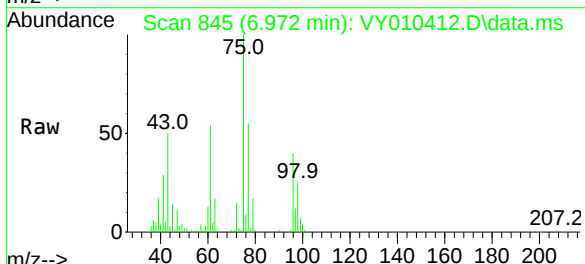
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 49952
Ion Ratio Lower Upper
43 100
72 27.9 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 10.589 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion: 77 Resp: 50902
Ion Ratio Lower Upper
77 100
97 22.9 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 10.560 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

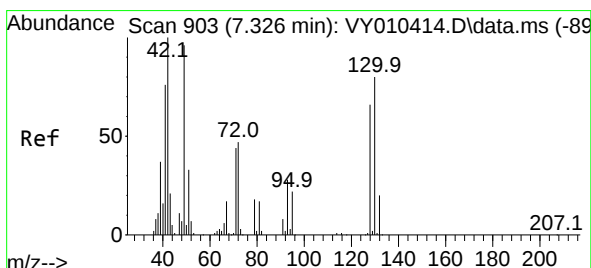
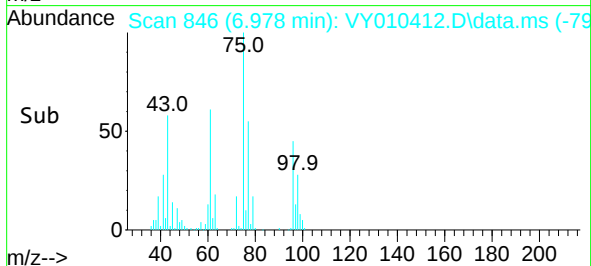
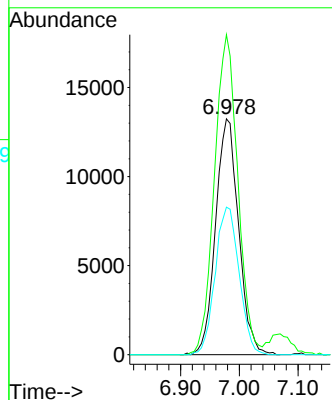
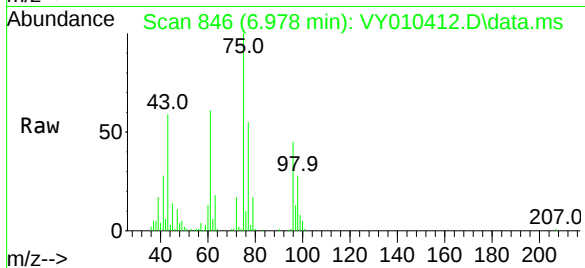
Tgt Ion: 96 Resp: 36077

Ion Ratio Lower Upper

96 100

61 137.9 0.0 319.8

98 65.0 0.0 127.0



#28

Bromochloromethane

Concen: 8.252 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

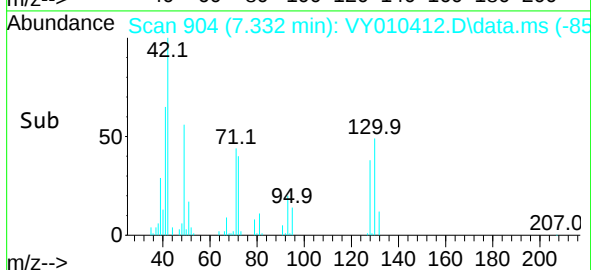
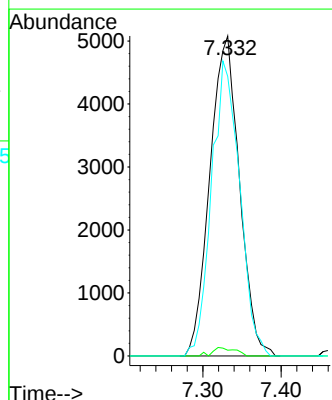
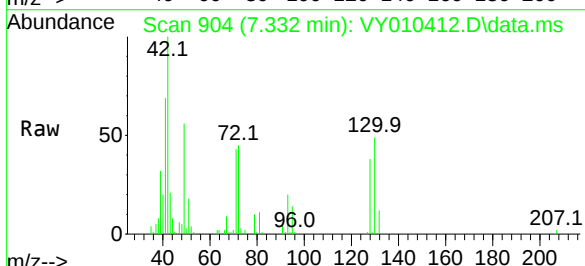
Tgt Ion: 49 Resp: 13329

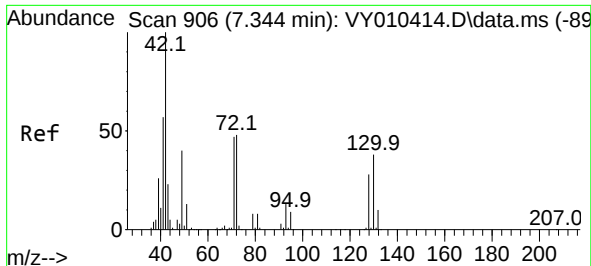
Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.2

130 87.7 55.4 83.0#





#29

Tetrahydrofuran

Concen: 49.614 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

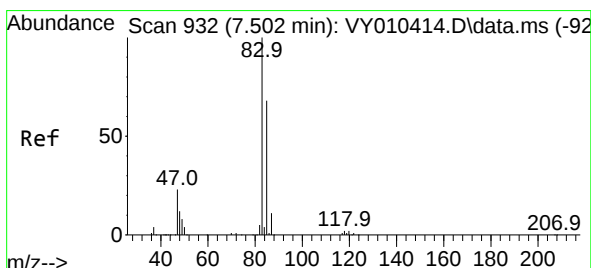
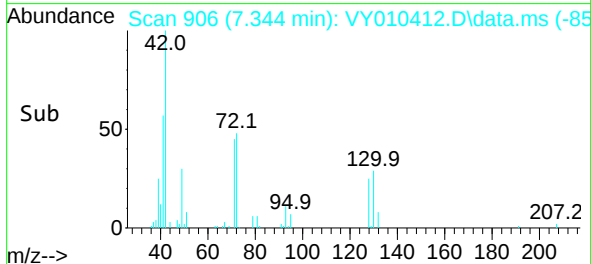
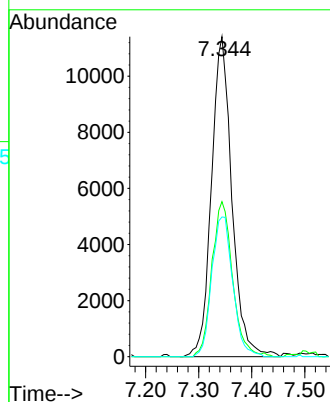
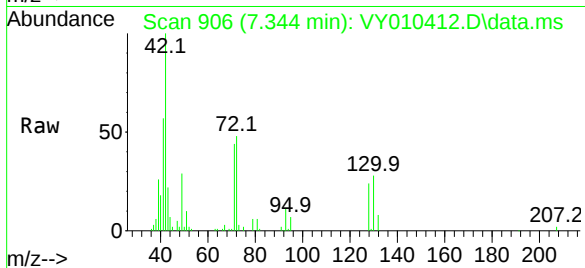
Tgt Ion: 42 Resp: 30528

Ion Ratio Lower Upper

42 100

72 49.1 30.3 45.5#

71 45.0 29.0 43.4#



#30

Chloroform

Concen: 10.546 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY010412.D

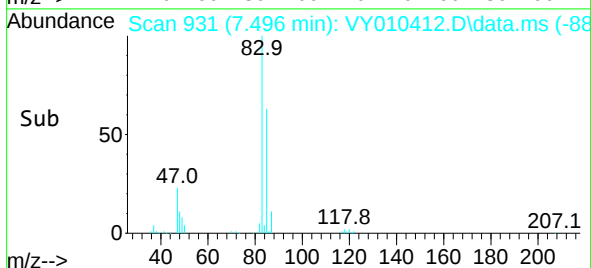
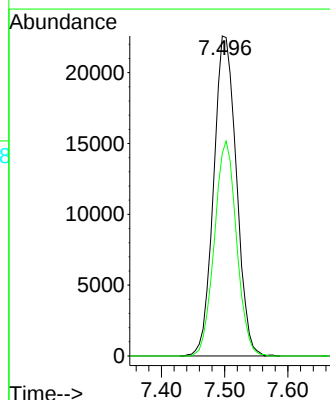
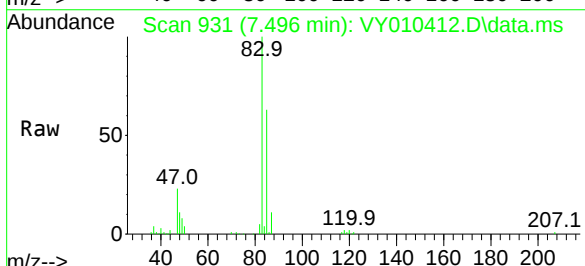
Acq: 09 Sep 2022 12:32

Tgt Ion: 83 Resp: 56355

Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.6

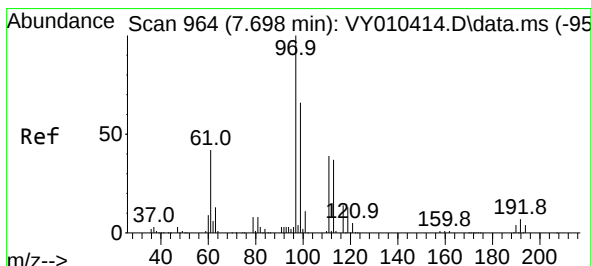
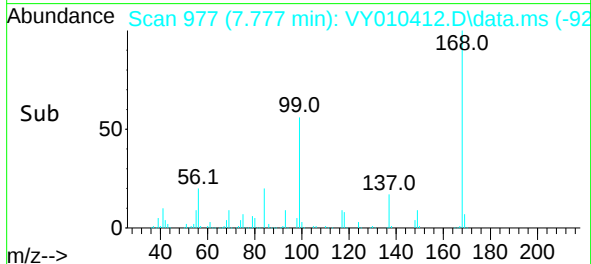
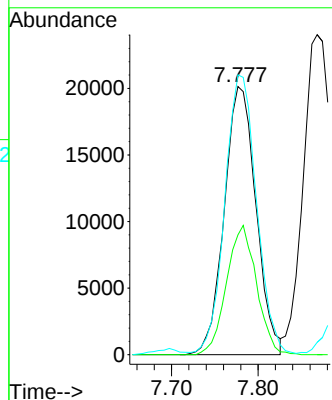
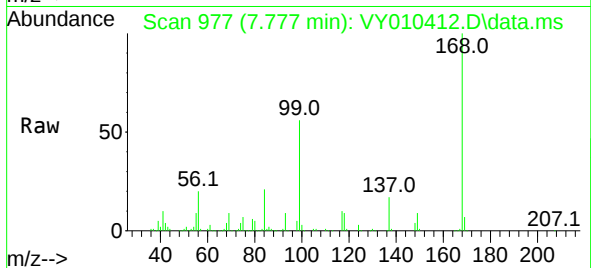




#31
Cyclohexane
Concen: 11.238 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

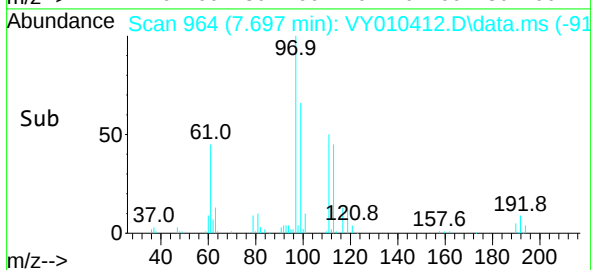
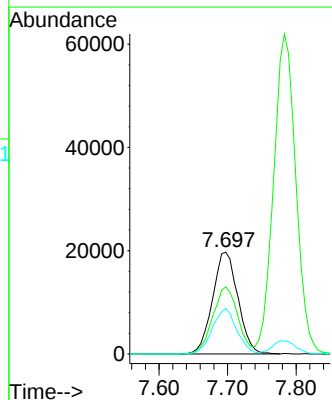
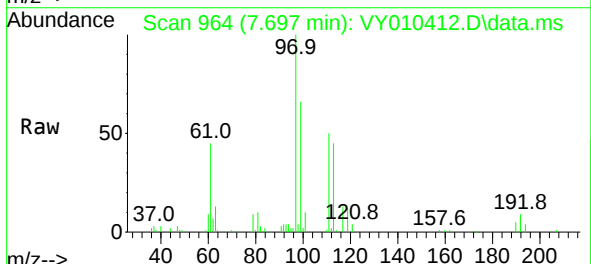
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

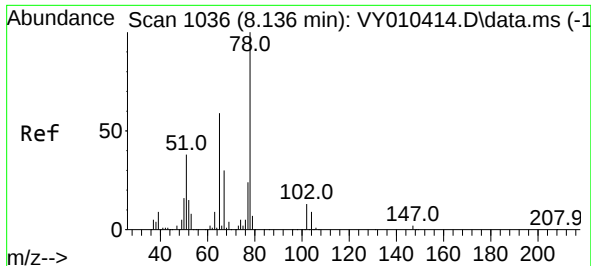
Tgt Ion: 56 Resp: 51323
Ion Ratio Lower Upper
56 100
69 44.7 26.7 40.1#
84 103.4 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 10.466 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion: 97 Resp: 50640
Ion Ratio Lower Upper
97 100
99 64.8 50.7 76.1
61 43.0 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 10.124 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

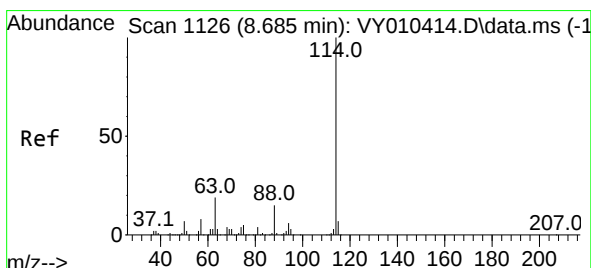
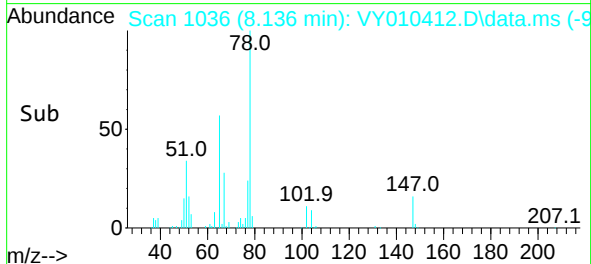
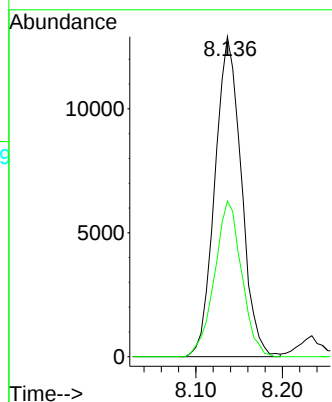
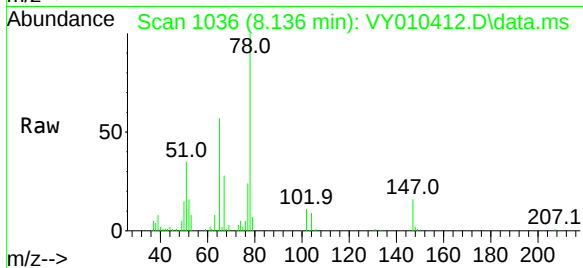
VSTDIC010

Tgt Ion: 65 Resp: 27367

Ion Ratio Lower Upper

65 100

67 49.8 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: VY010412.D

Acq: 09 Sep 2022 12:32

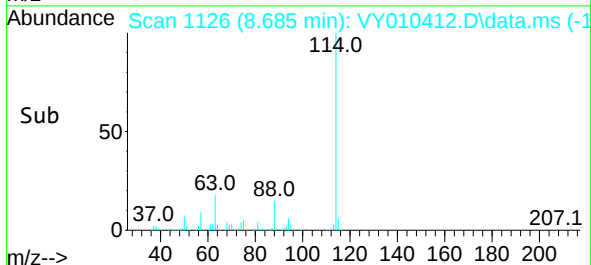
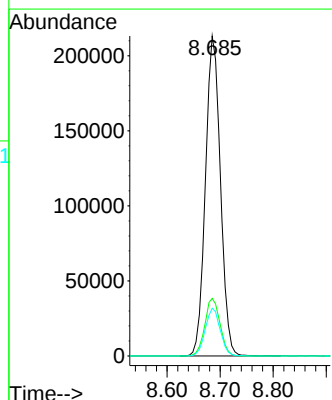
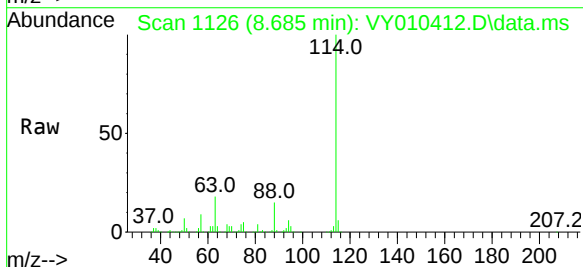
Tgt Ion: 114 Resp: 418492

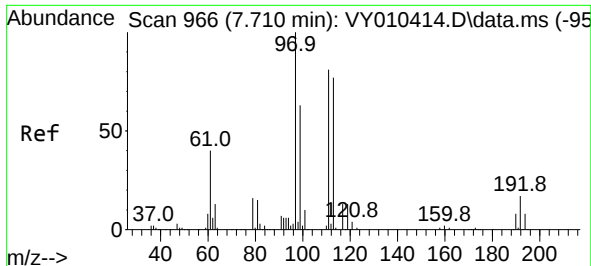
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.9 0.0 31.8

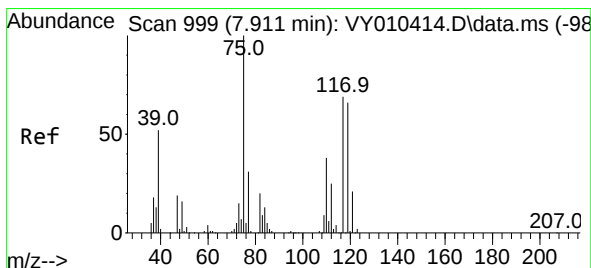
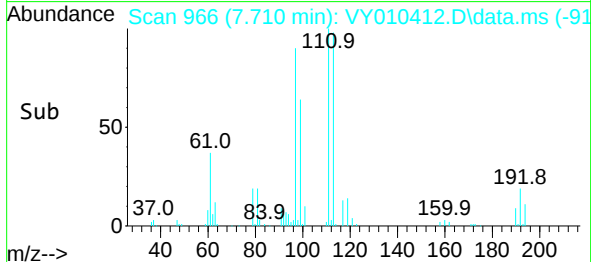
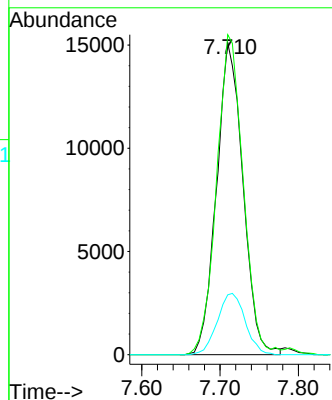
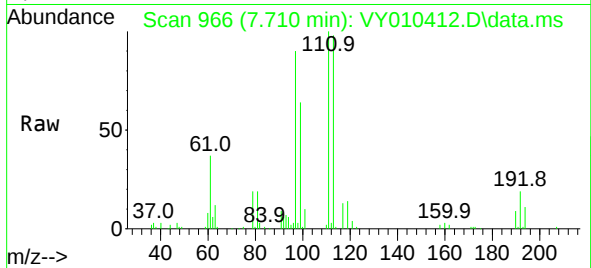




#35
Dibromofluoromethane
Concen: 11.921 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

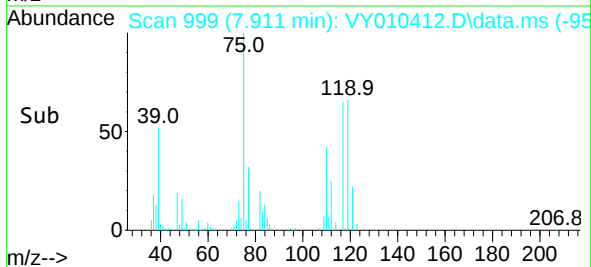
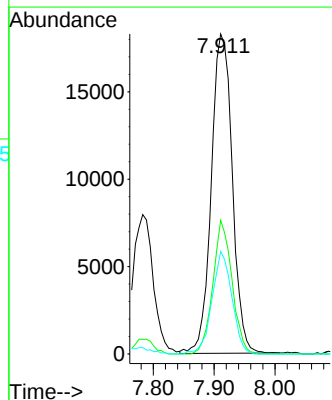
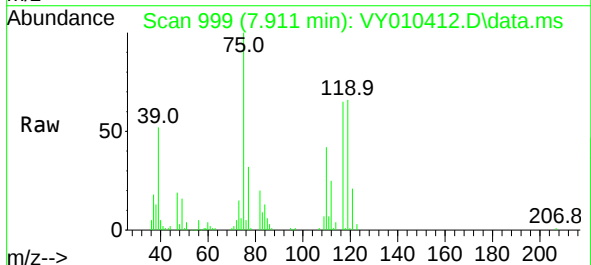
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

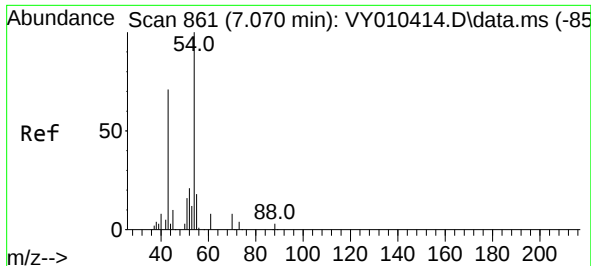
Tgt Ion:113 Resp: 35431
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 10.760 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion: 75 Resp: 43782
Ion Ratio Lower Upper
75 100
110 38.0 17.1 51.2
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 9.853 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

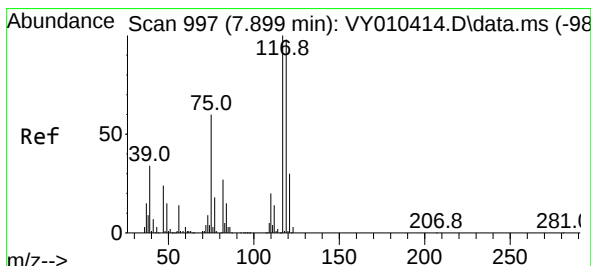
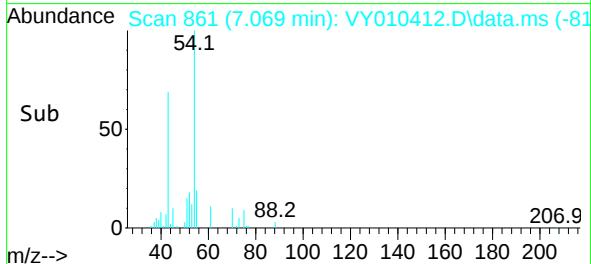
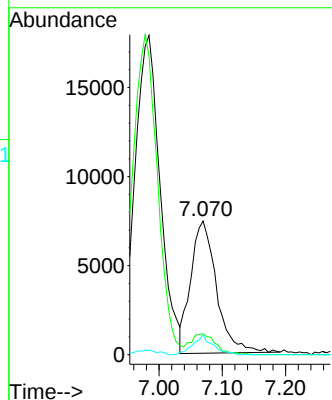
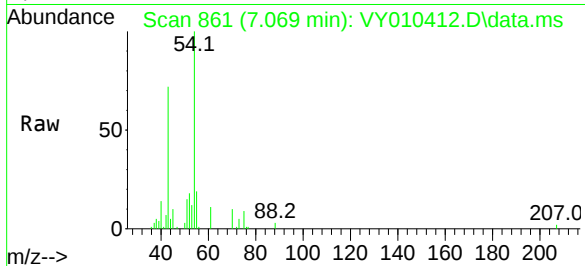
Tgt Ion: 43 Resp: 21075

Ion Ratio Lower Upper

43 100

61 15.2 9.7 14.5#

70 11.3 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 10.657 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

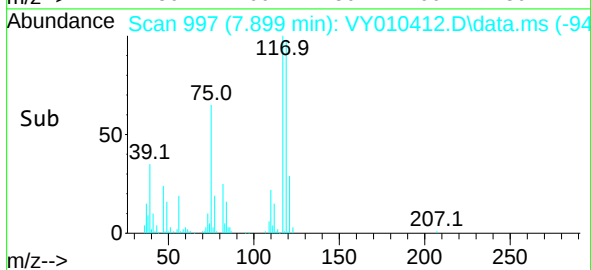
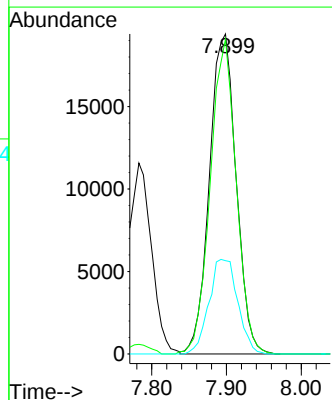
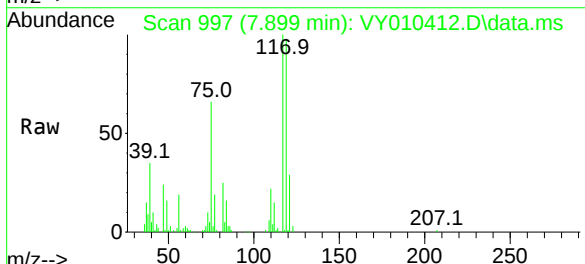
Tgt Ion: 117 Resp: 48240

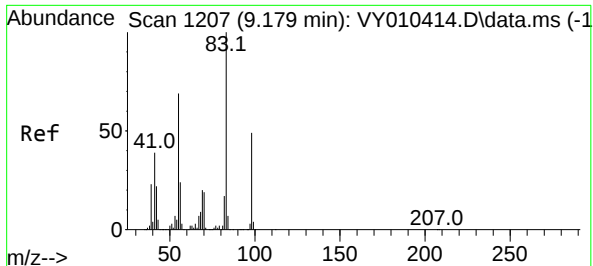
Ion Ratio Lower Upper

117 100

119 98.4 77.9 116.9

121 29.1 24.8 37.2





#39

Methylcyclohexane

Concen: 10.836 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

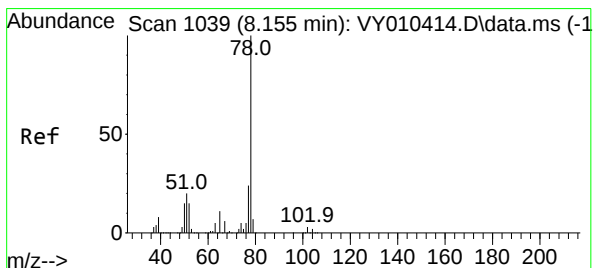
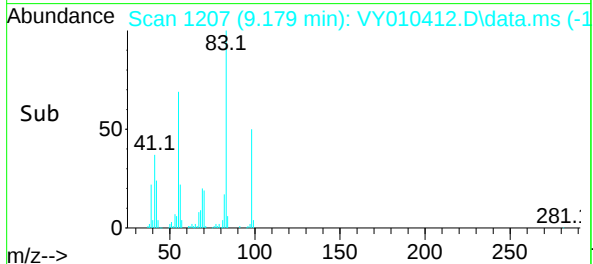
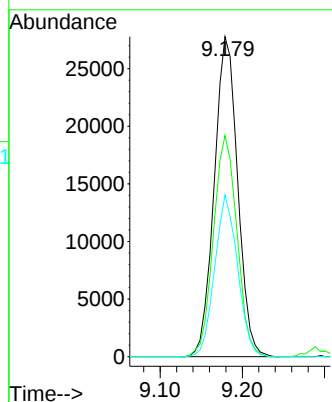
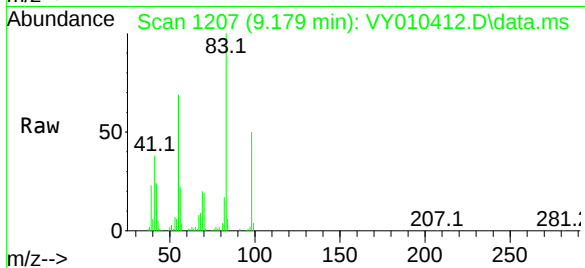
Tgt Ion: 83 Resp: 54974

Ion Ratio Lower Upper

83 100

55 69.1 66.5 99.7

98 50.5 37.9 56.9



#40

Benzene

Concen: 10.511 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010412.D

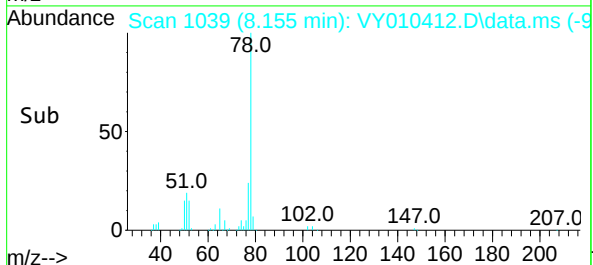
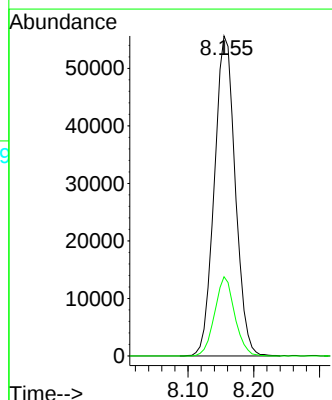
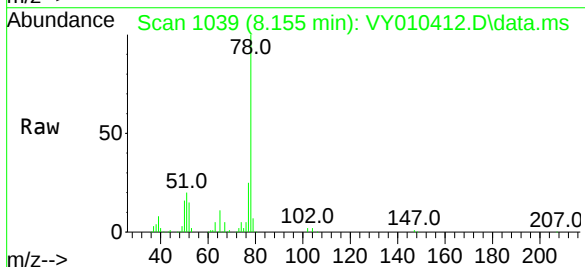
Acq: 09 Sep 2022 12:32

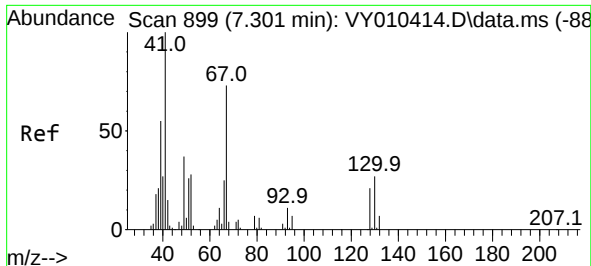
Tgt Ion: 78 Resp: 123117

Ion Ratio Lower Upper

78 100

77 24.8 20.4 30.6

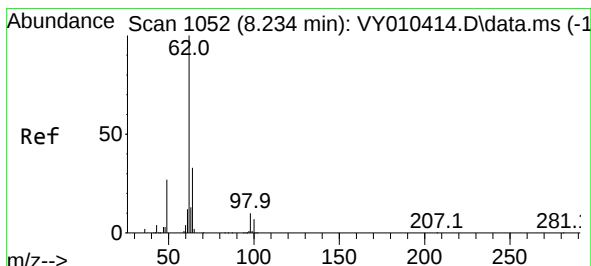
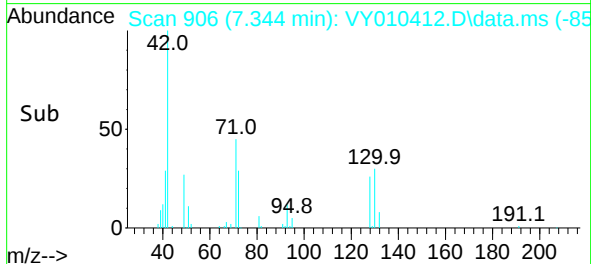
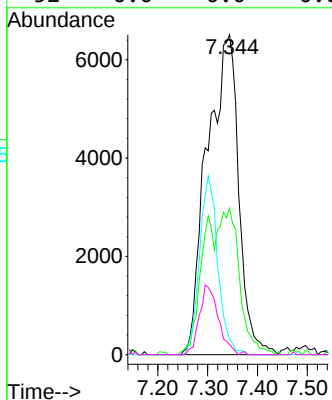
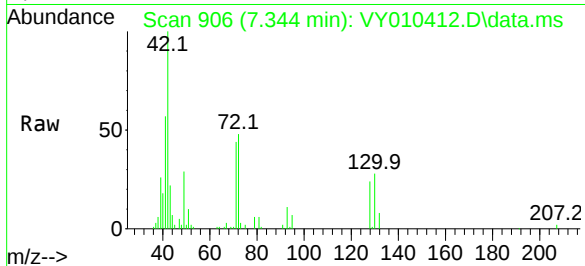




#41
Methacrylonitrile
Concen: 24.535 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.043 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

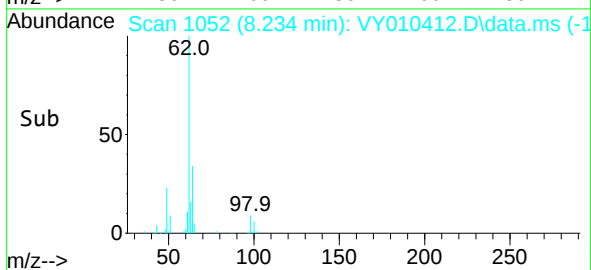
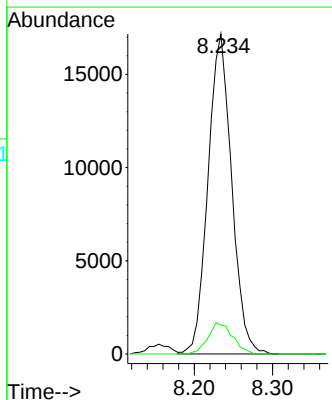
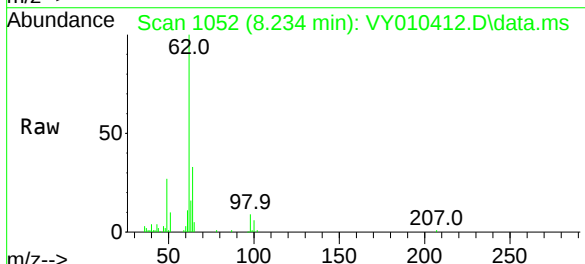
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

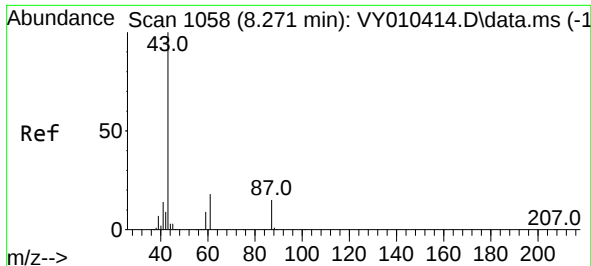
Tgt Ion:	41	Resp:	28465
Ion Ratio	Lower	Upper	
41	100		
39	0.0	92.9	139.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 10.330 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion:	62	Resp:	35982
Ion Ratio	Lower	Upper	
62	100		
98	10.1	0.0	14.8

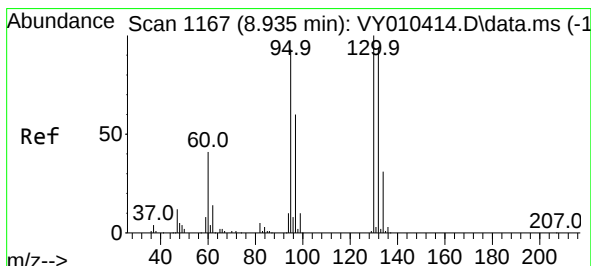
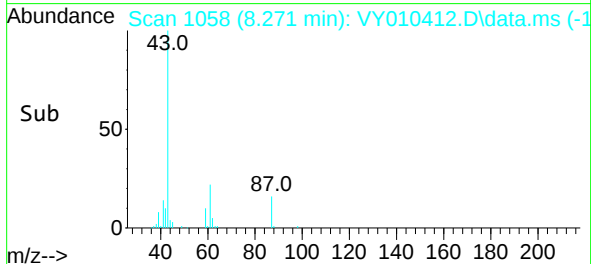
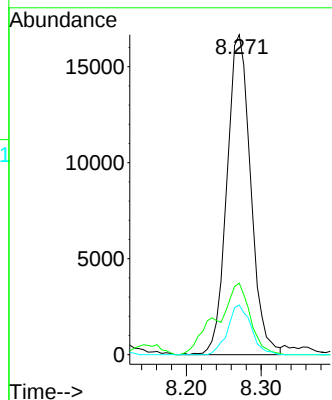
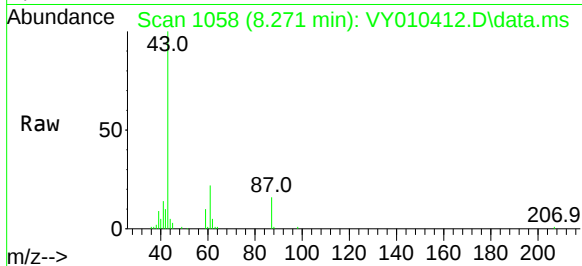




#43
Isopropyl Acetate
Concen: 9.413 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

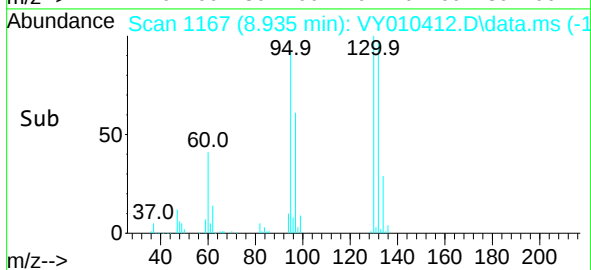
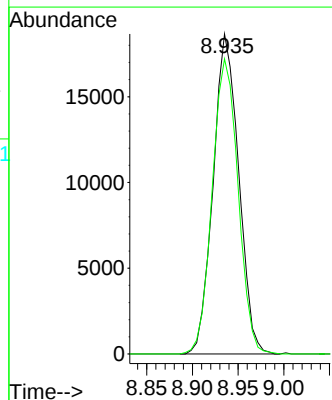
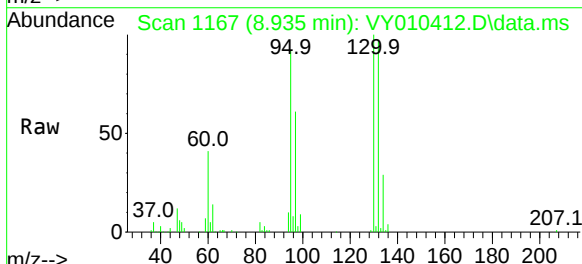
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

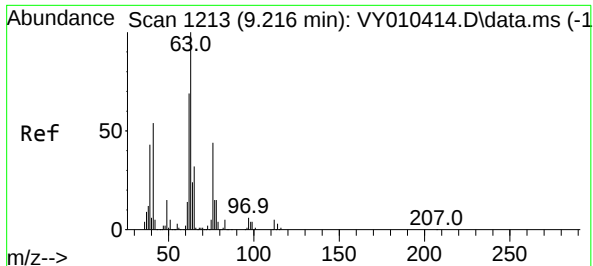
Tgt Ion: 43 Resp: 36848
Ion Ratio Lower Upper
43 100
61 21.3 20.2 30.2
87 15.2 8.9 13.3#



#44
Trichloroethene
Concen: 10.509 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion:130 Resp: 36235
Ion Ratio Lower Upper
130 100
95 92.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 10.359 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

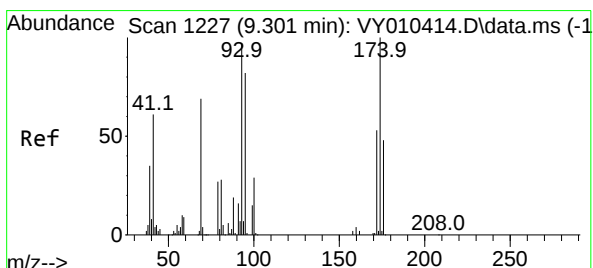
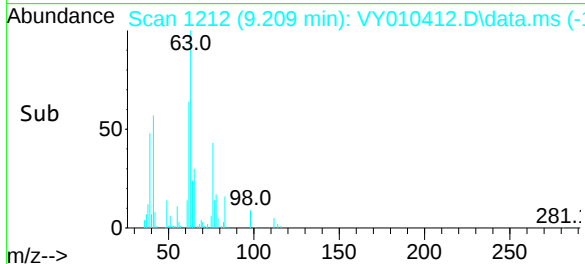
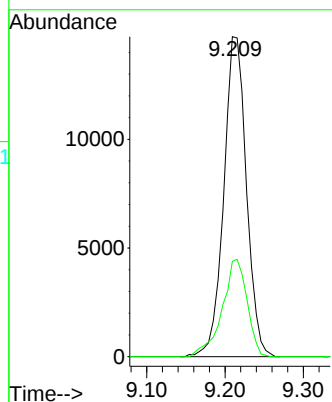
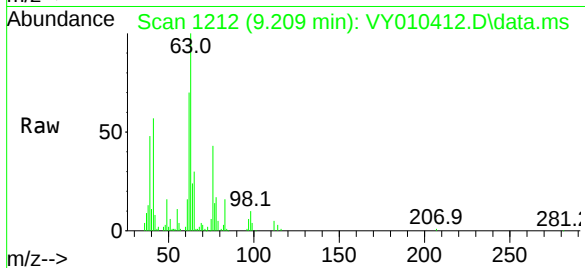
VSTDIC010

Tgt Ion: 63 Resp: 29592

Ion Ratio Lower Upper

63 100

65 29.8 23.0 34.6



#46

Dibromomethane

Concen: 10.239 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

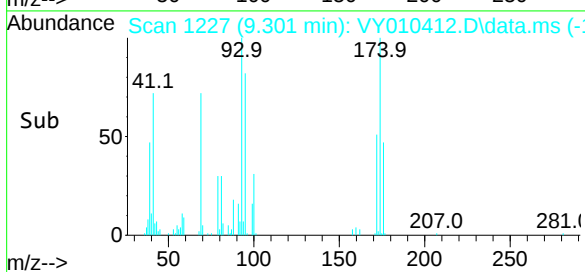
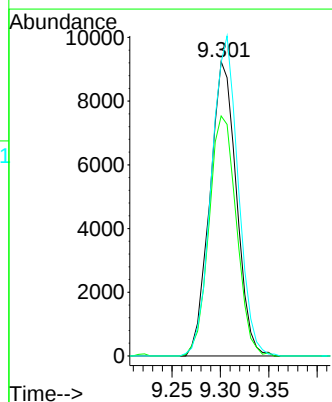
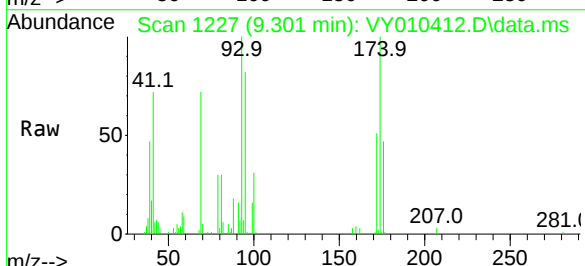
Tgt Ion: 93 Resp: 17639

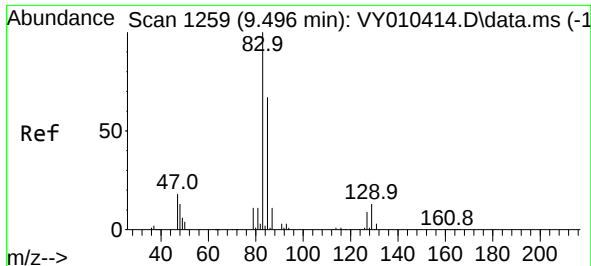
Ion Ratio Lower Upper

93 100

95 83.9 64.3 96.5

174 108.9 83.4 125.0

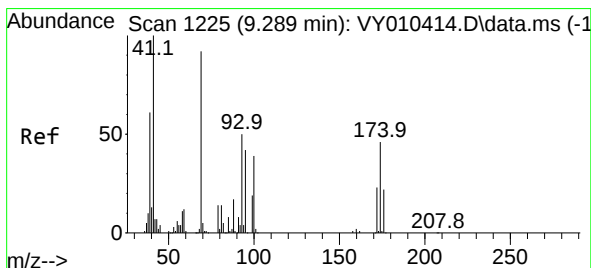
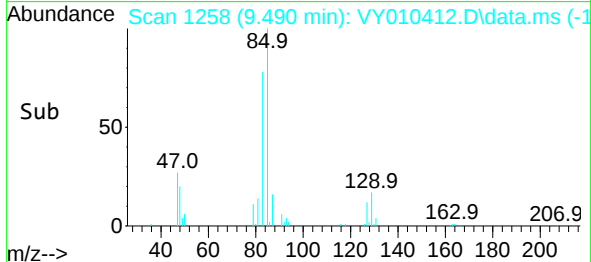
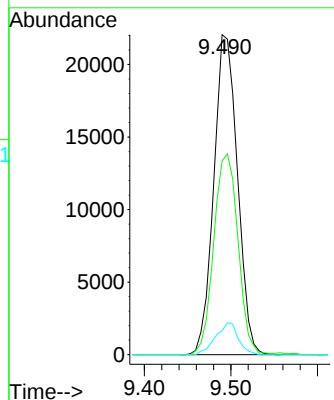
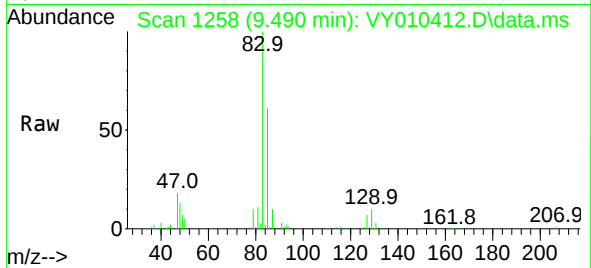




#47
Bromodichloromethane
Concen: 10.239 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

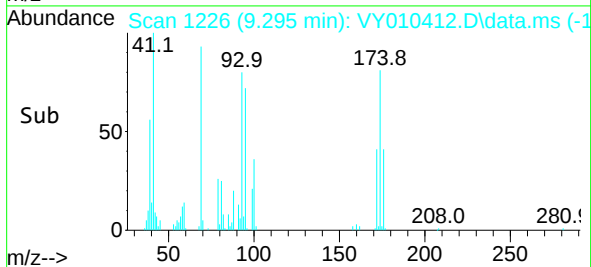
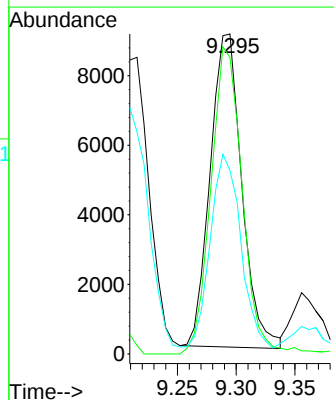
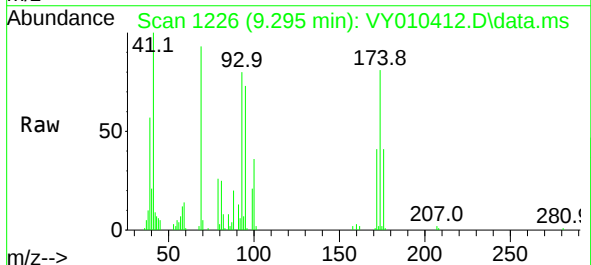
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

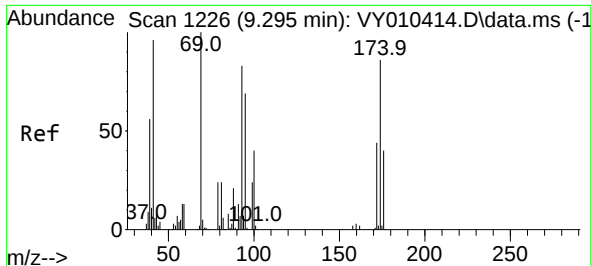
Tgt Ion: 83 Resp: 41896
Ion Ratio Lower Upper
83 100
85 60.6 51.9 77.9
127 7.5 6.6 10.0



#48
Methyl methacrylate
Concen: 9.587 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion: 41 Resp: 16855
Ion Ratio Lower Upper
41 100
69 98.0 58.2 87.2#
39 64.2 47.4 71.0





#49

1,4-Dioxane

Concen: 181.019 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

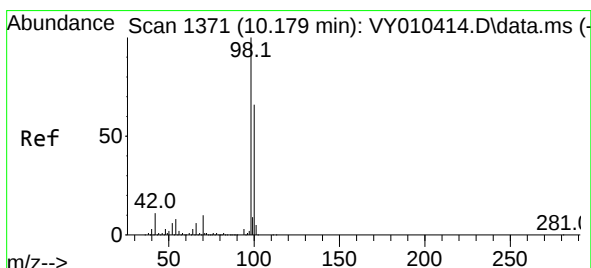
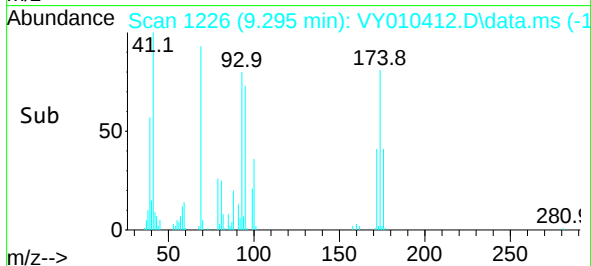
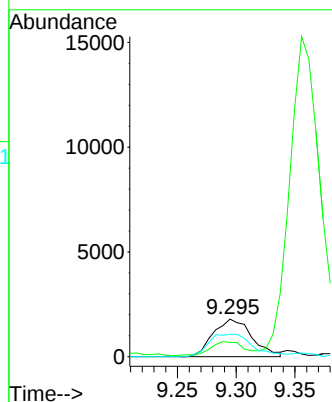
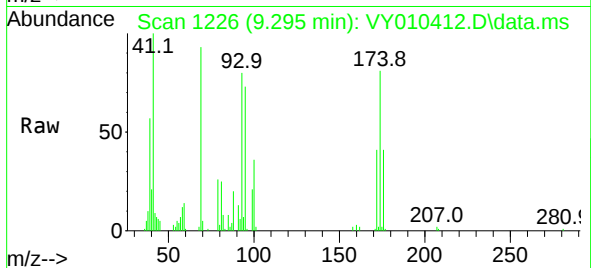
Tgt Ion: 88 Resp: 4128

Ion Ratio Lower Upper

88 100

43 31.1 32.8 49.2#

58 67.9 59.8 89.6



#50

Toluene-d8

Concen: 8.828 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010412.D

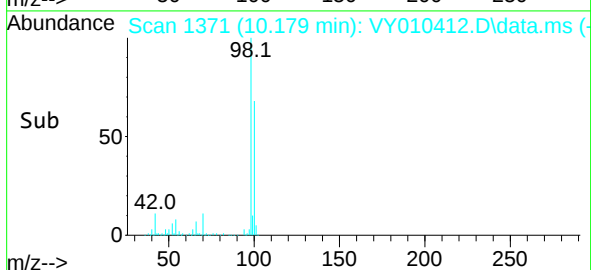
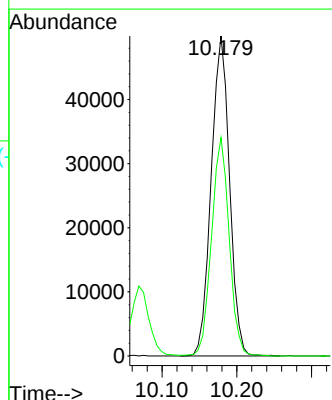
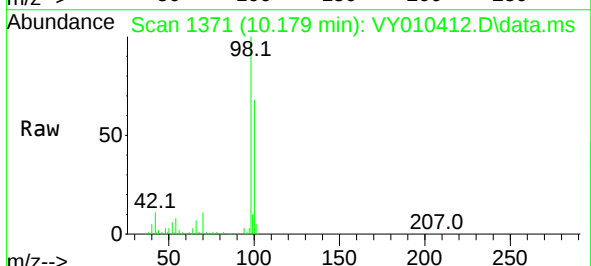
Acq: 09 Sep 2022 12:32

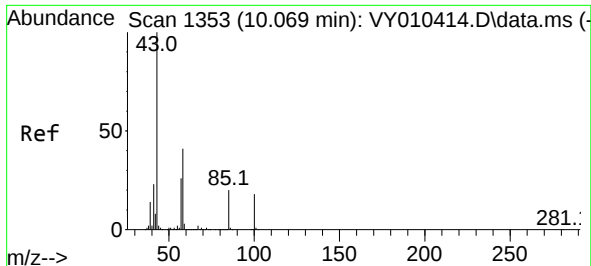
Tgt Ion: 98 Resp: 85034

Ion Ratio Lower Upper

98 100

100 65.8 50.2 75.2

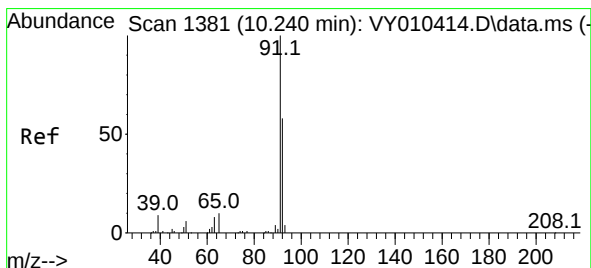
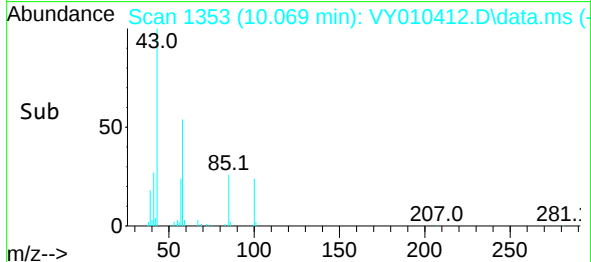
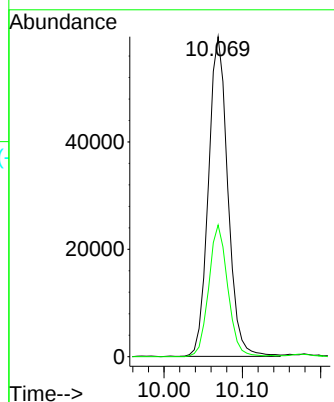
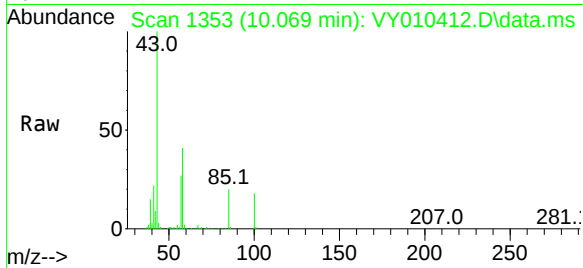




#51
4-Methyl-2-Pentanone
Concen: 47.768 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

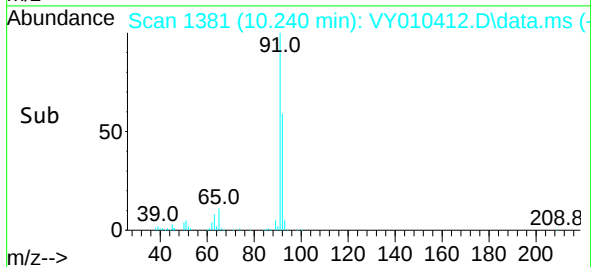
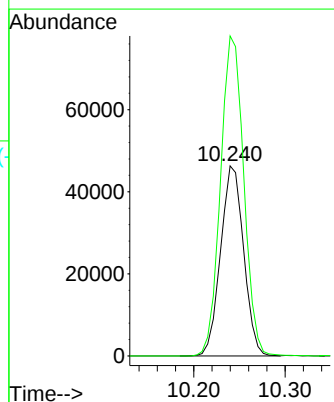
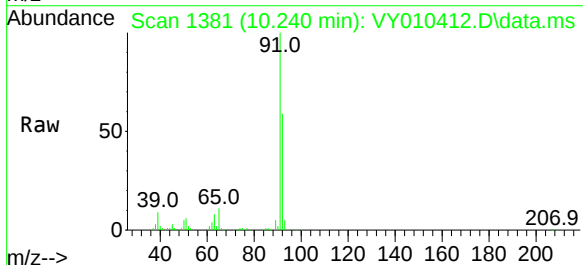
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

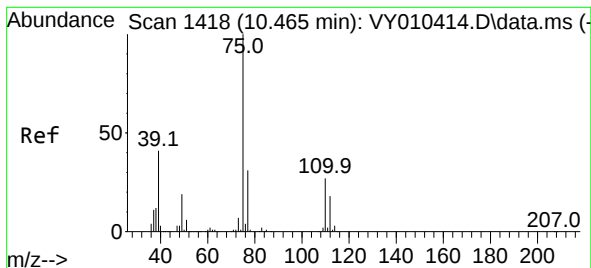
Tgt Ion: 43 Resp: 102566
Ion Ratio Lower Upper
43 100
58 40.3 28.1 42.1



#52
Toluene
Concen: 10.595 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion: 92 Resp: 81210
Ion Ratio Lower Upper
92 100
91 170.0 142.6 213.8

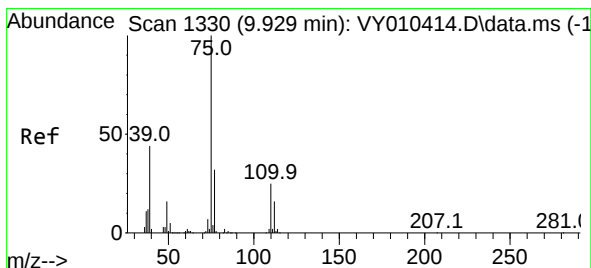
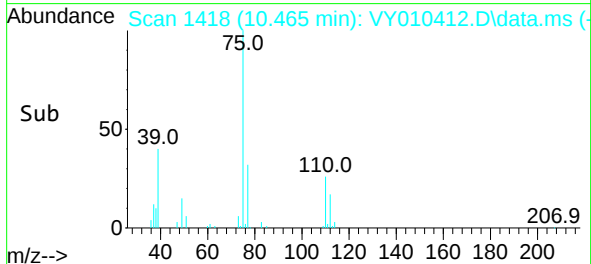
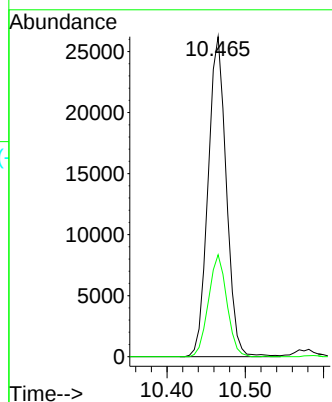
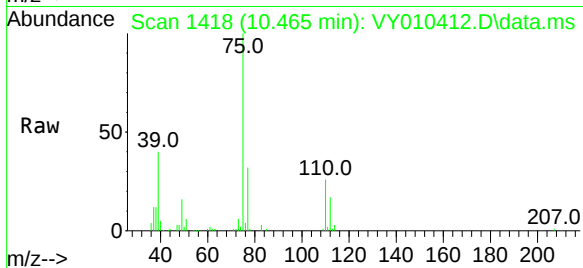




#53
 t-1,3-Dichloropropene
 Concen: 10.071 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY010412.D
 Acq: 09 Sep 2022 12:32

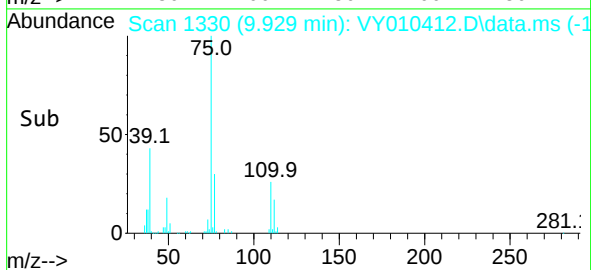
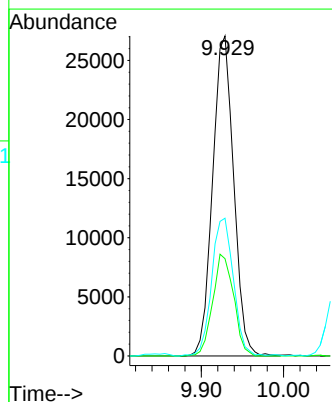
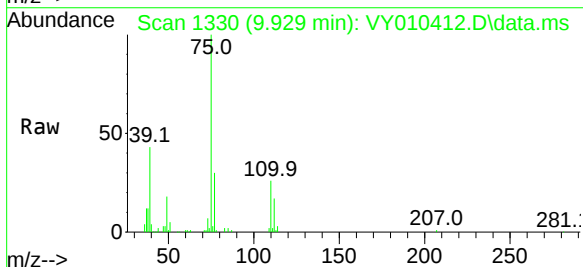
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

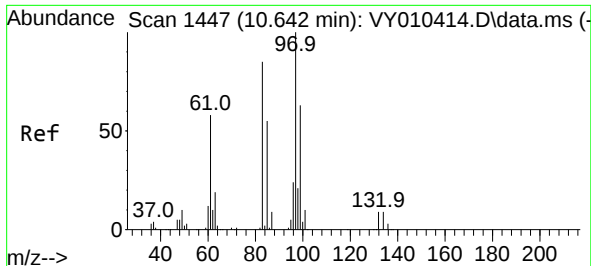
Tgt Ion: 75 Resp: 42410
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 10.154 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY010412.D
 Acq: 09 Sep 2022 12:32

Tgt Ion: 75 Resp: 48228
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.6 38.4
 39 43.1 47.6 71.4#

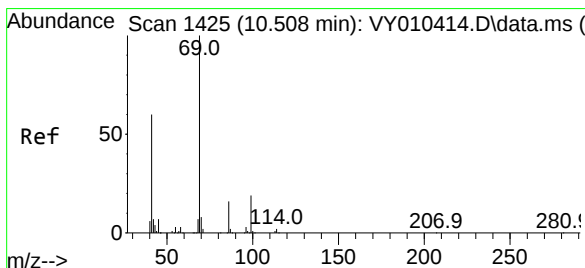
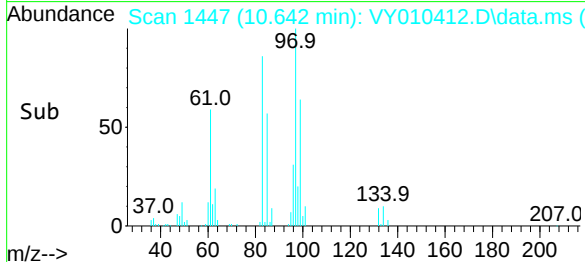
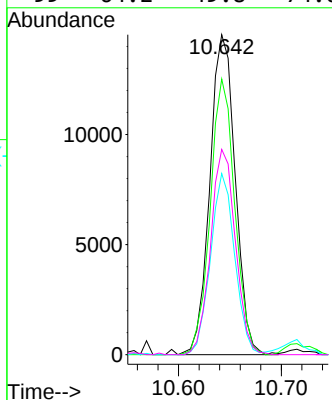
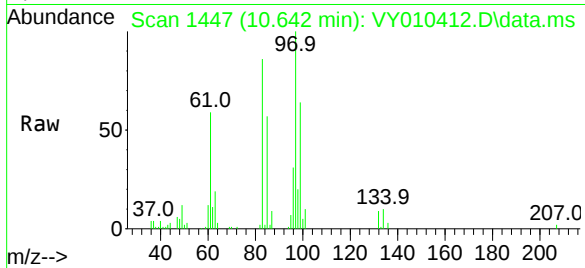




#55
1,1,2-Trichloroethane
Concen: 10.163 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

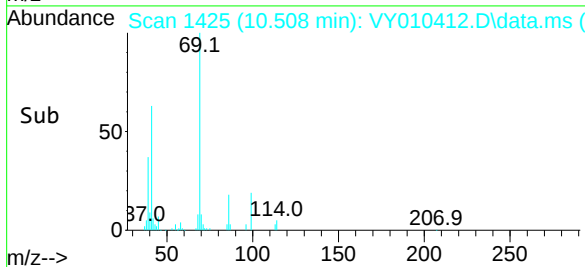
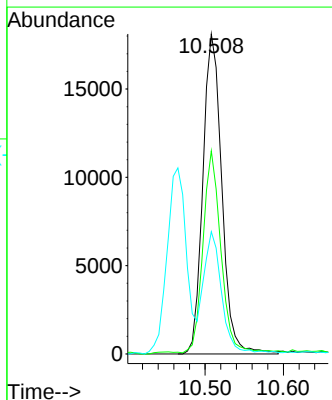
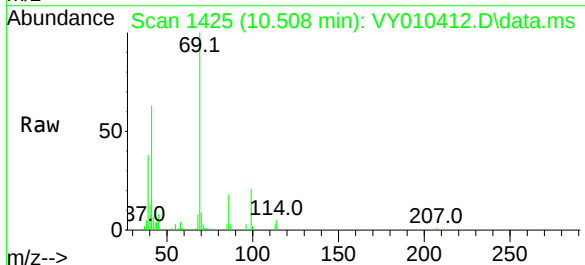
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

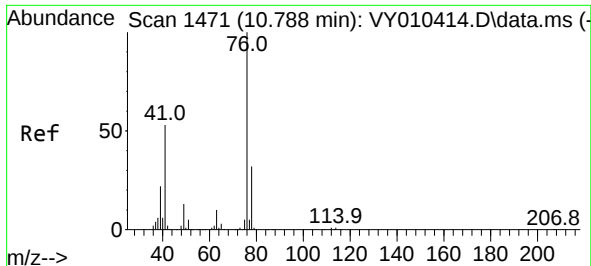
Tgt Ion:	97	Resp:	24904
Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.8	104.8
85	56.6	44.3	66.5
99	64.2	49.8	74.6



#56
Ethyl methacrylate
Concen: 9.453 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion:	69	Resp:	30421
Ion	Ratio	Lower	Upper
69	100		
41	59.8	63.4	95.0#
39	36.6	35.8	53.8





#57

1,3-Dichloropropane

Concen: 10.215 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

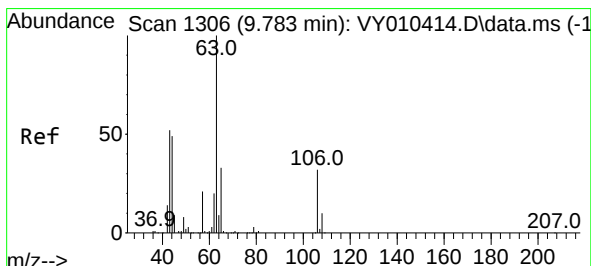
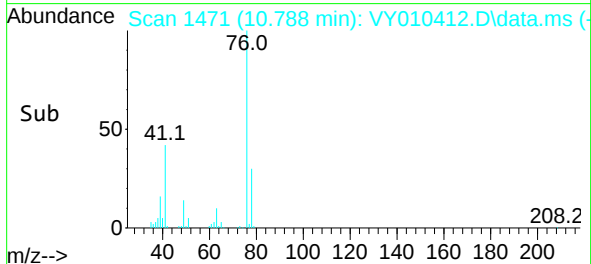
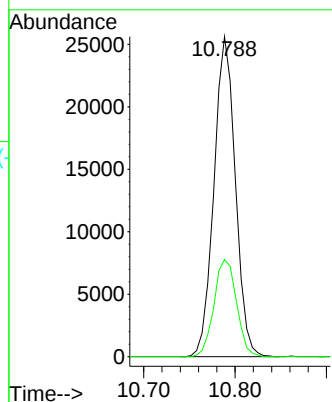
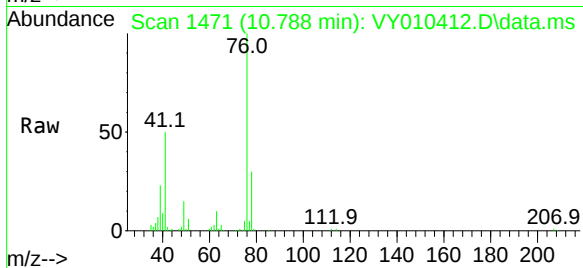
VSTDIC010

Tgt Ion: 76 Resp: 41622

Ion Ratio Lower Upper

76 100

78 32.0 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 57.368 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY010412.D

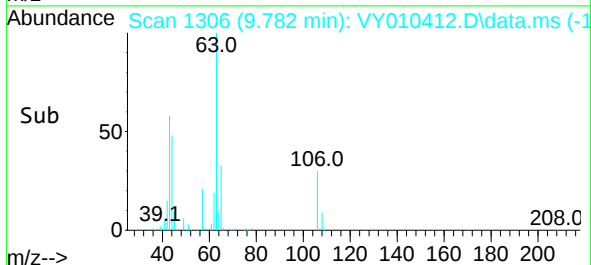
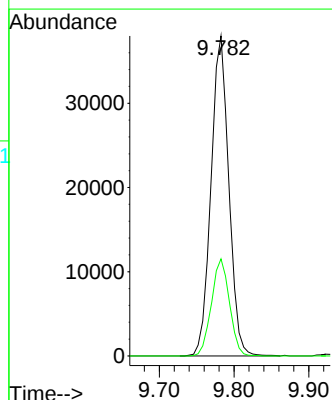
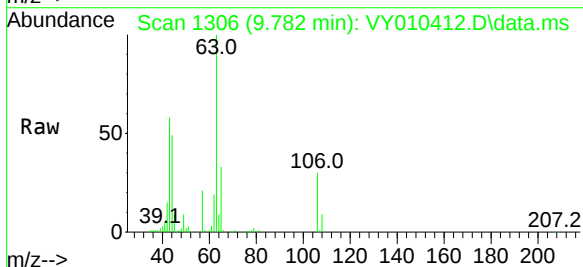
Acq: 09 Sep 2022 12:32

Tgt Ion: 63 Resp: 62807

Ion Ratio Lower Upper

63 100

106 30.7 21.5 32.3

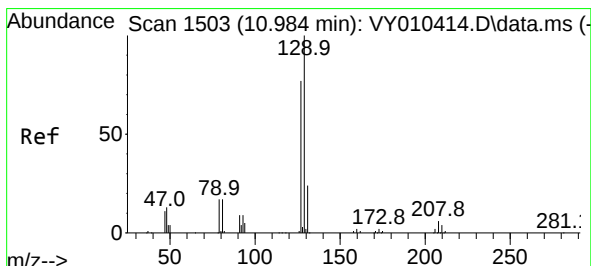
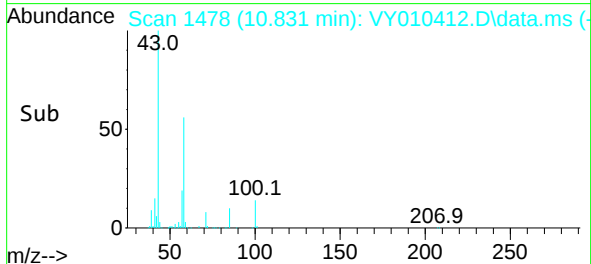
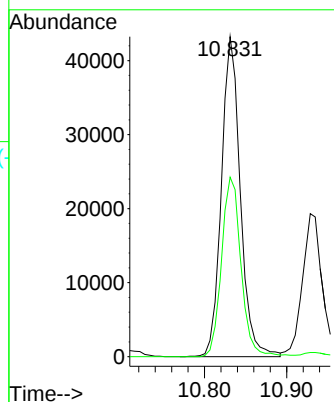
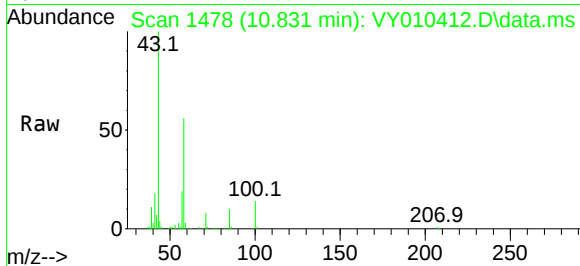




#59
2-Hexanone
Concen: 47.276 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

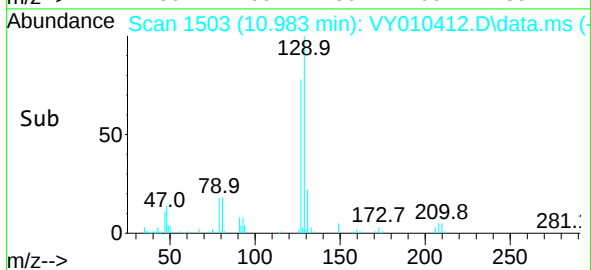
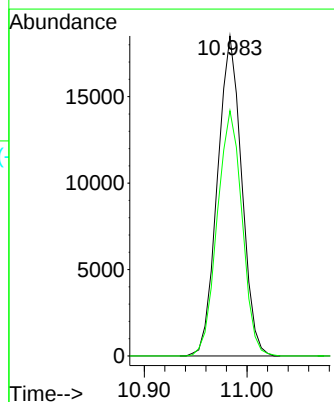
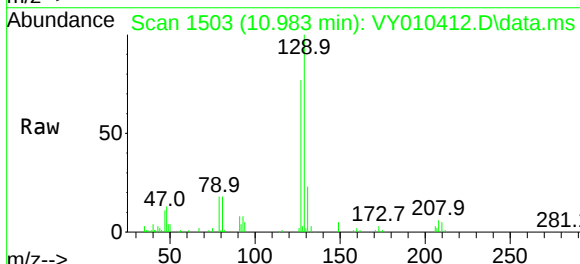
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

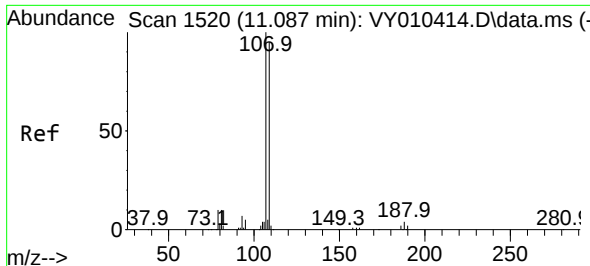
Tgt Ion: 43 Resp: 69194
Ion Ratio Lower Upper
43 100
58 57.7 24.4 73.4



#60
Dibromochloromethane
Concen: 10.096 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion: 129 Resp: 30232
Ion Ratio Lower Upper
129 100
127 78.7 38.7 116.1

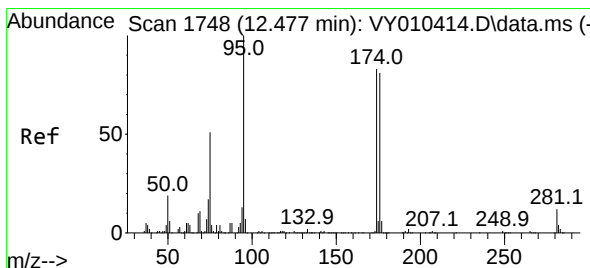
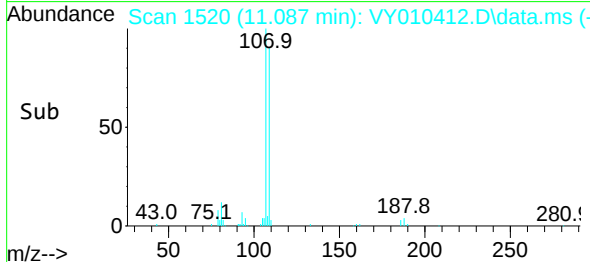
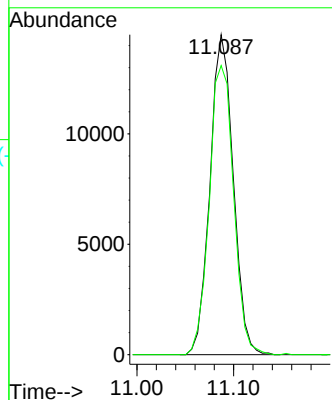
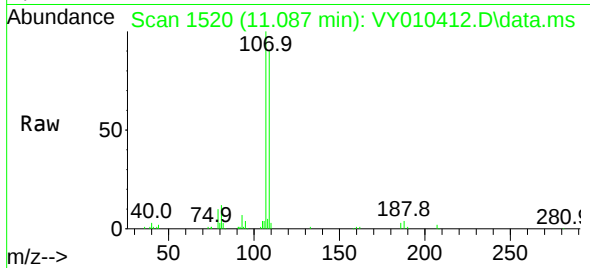




#61
1,2-Dibromoethane
Concen: 10.203 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

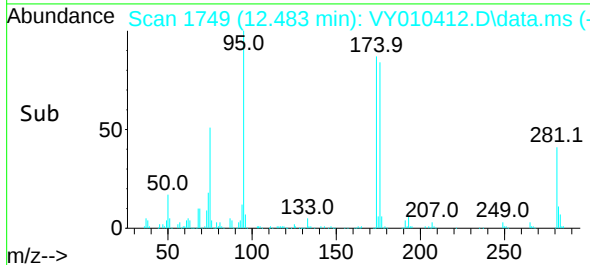
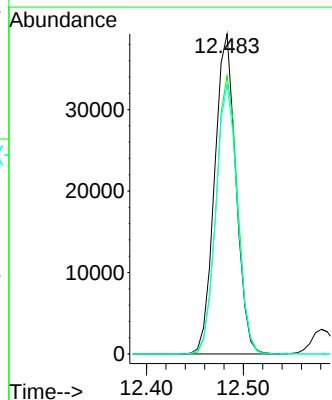
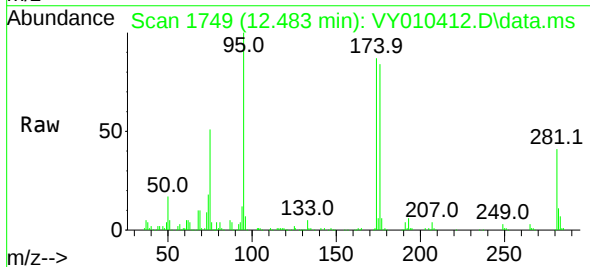
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

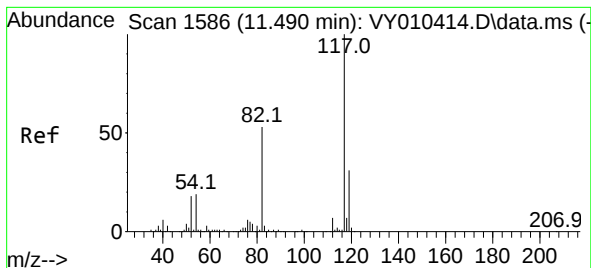
Tgt Ion:107 Resp: 24272
Ion Ratio Lower Upper
107 100
109 94.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 13.584 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion: 95 Resp: 60046
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 84.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

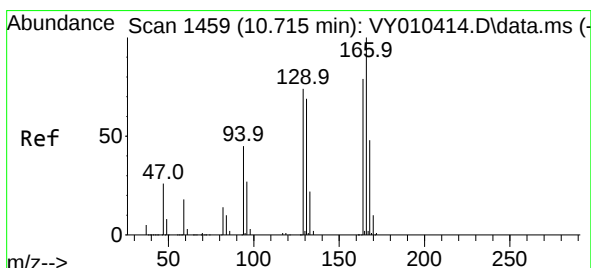
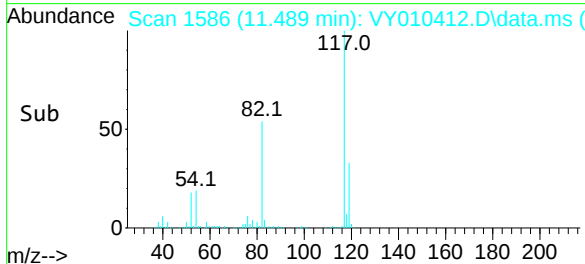
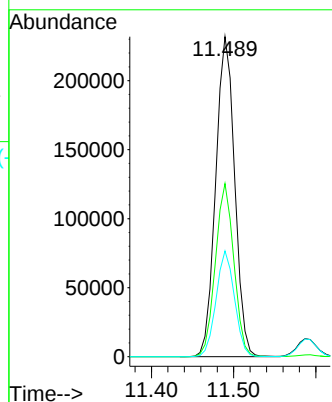
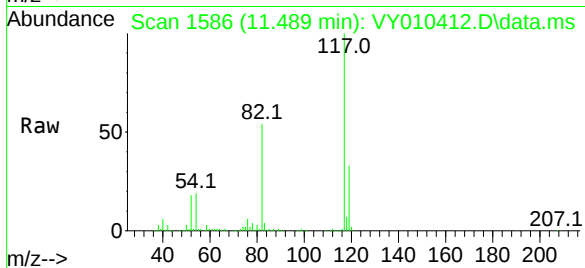
Tgt Ion:117 Resp: 371306

Ion Ratio Lower Upper

117 100

82 54.1 43.0 64.4

119 33.0 25.4 38.0



#64

Tetrachloroethene

Concen: 10.824 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Tgt Ion:164 Resp: 36225

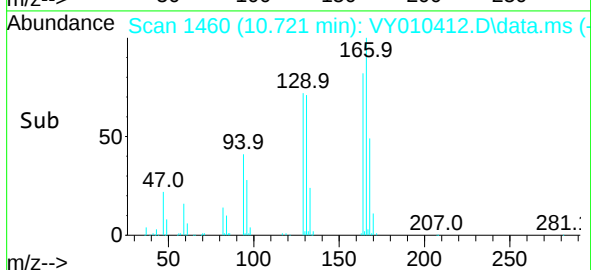
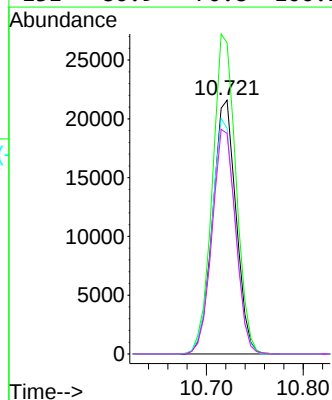
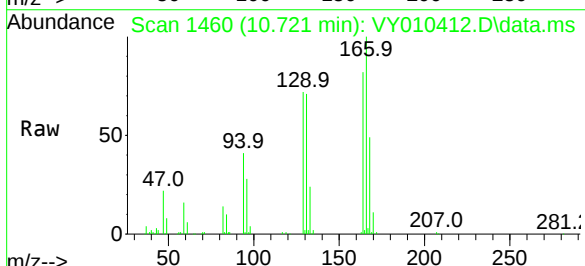
Ion Ratio Lower Upper

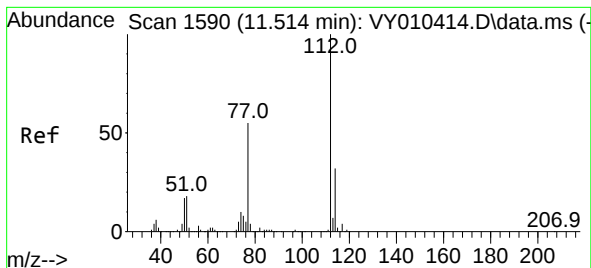
164 100

166 122.6 100.4 150.6

129 88.9 71.4 107.0

131 86.9 70.8 106.2

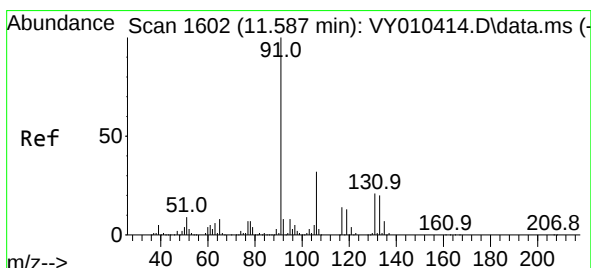
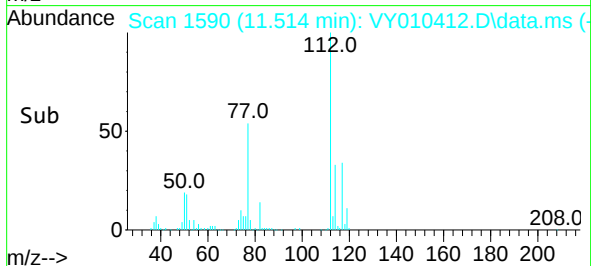
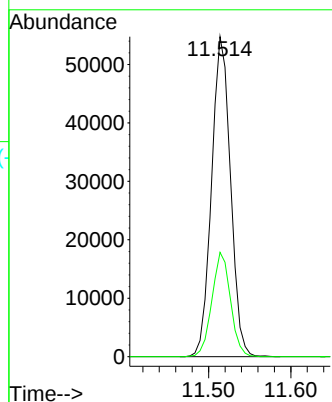
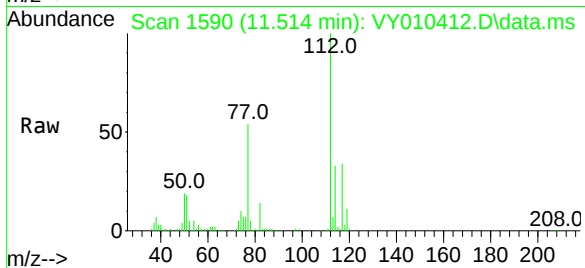




#65
Chlorobenzene
Concen: 10.582 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

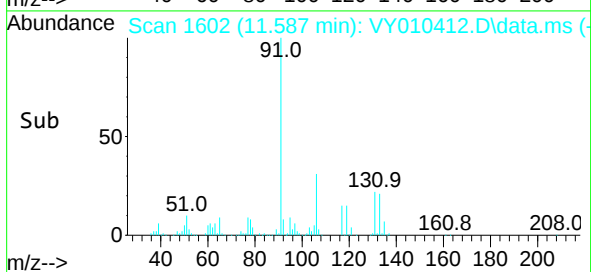
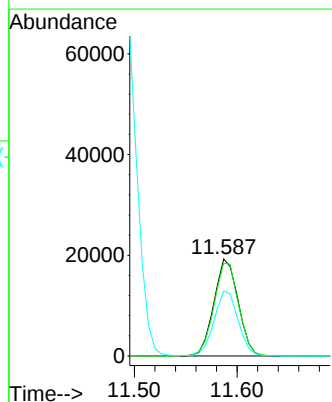
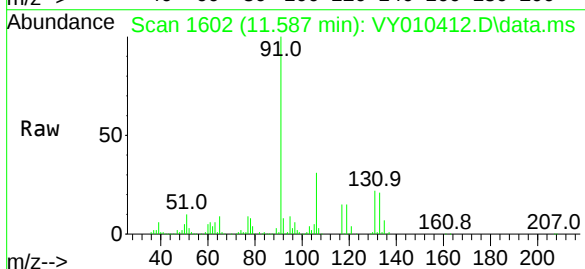
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

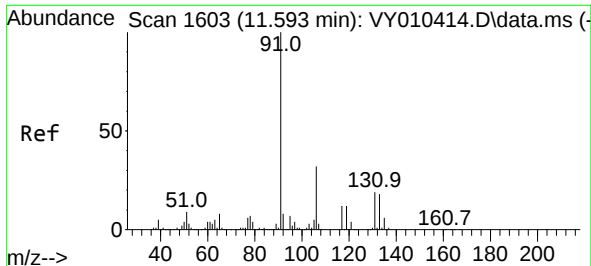
Tgt Ion:112 Resp: 87864
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 10.212 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion:131 Resp: 31407
Ion Ratio Lower Upper
131 100
133 98.0 47.9 143.6
119 66.4 30.8 92.3





#67

Ethyl Benzene

Concen: 10.378 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

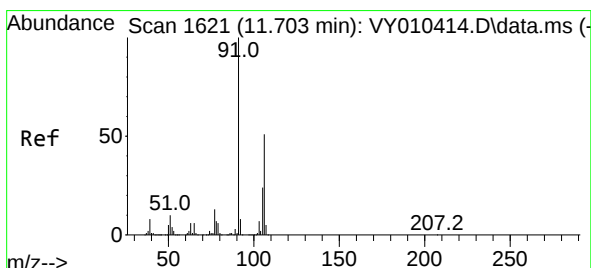
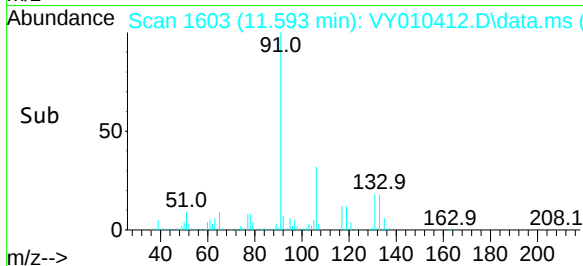
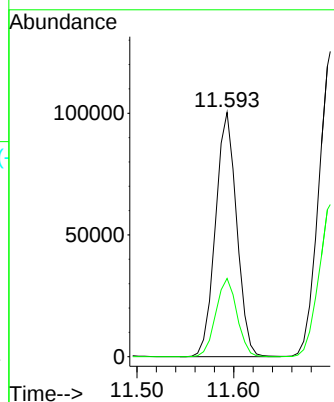
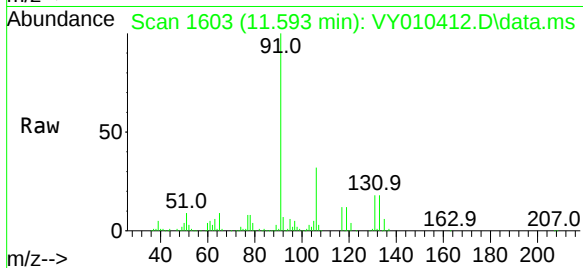
VSTDIC010

Tgt Ion: 91 Resp: 152515

Ion Ratio Lower Upper

91 100

106 32.0 24.5 36.7



#68

m/p-Xylenes

Concen: 20.712 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY010412.D

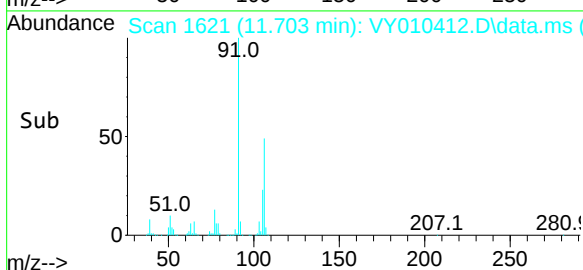
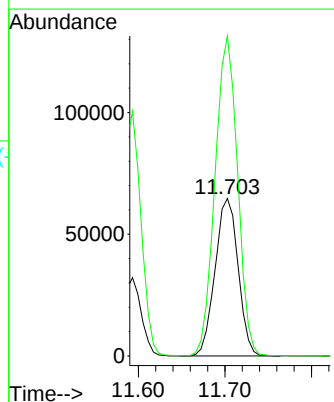
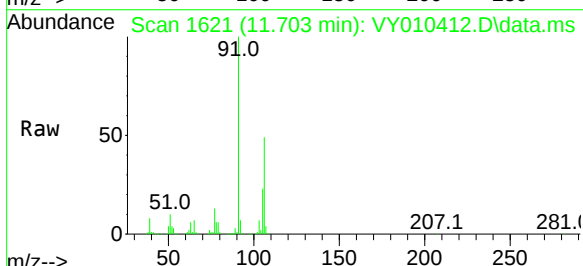
Acq: 09 Sep 2022 12:32

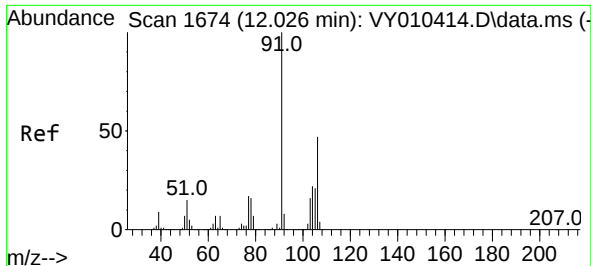
Tgt Ion: 106 Resp: 119501

Ion Ratio Lower Upper

106 100

91 198.7 166.6 249.8

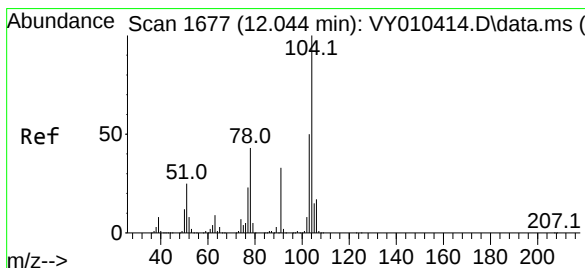
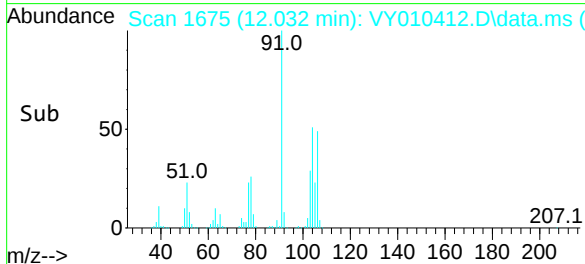
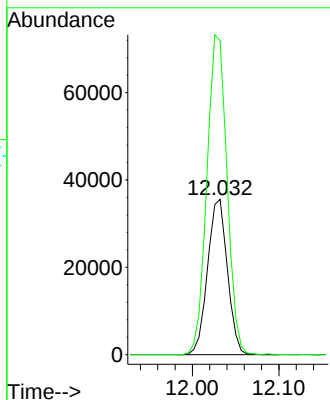
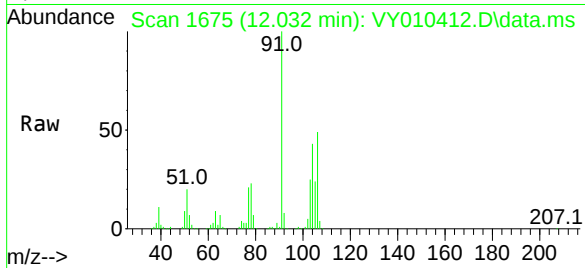




#69
o-Xylene
Concen: 10.274 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

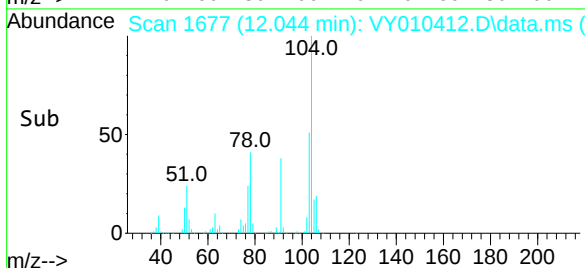
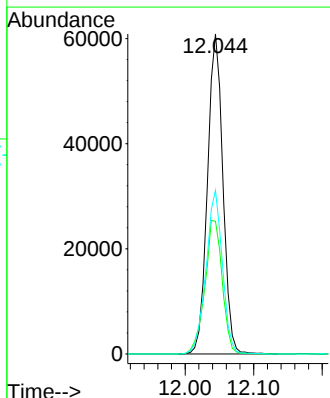
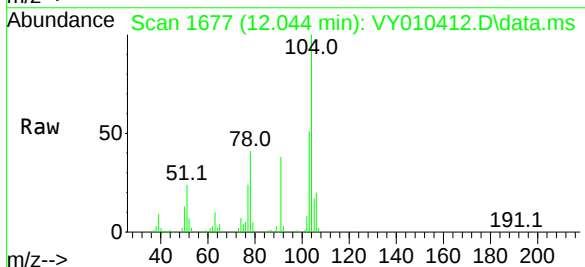
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 56601
Ion Ratio Lower Upper
106 100
91 209.1 110.3 331.0



#70
Styrene
Concen: 10.210 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion:104 Resp: 95198
Ion Ratio Lower Upper
104 100
78 47.0 42.4 63.6
103 54.5 44.4 66.6





#71

Bromoform

Concen: 10.039 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

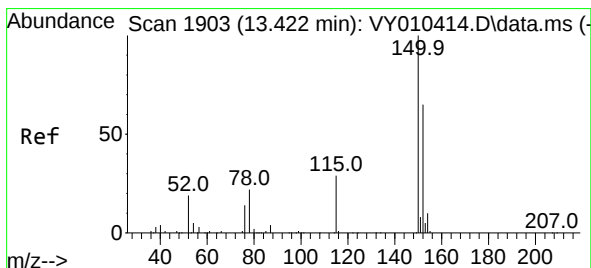
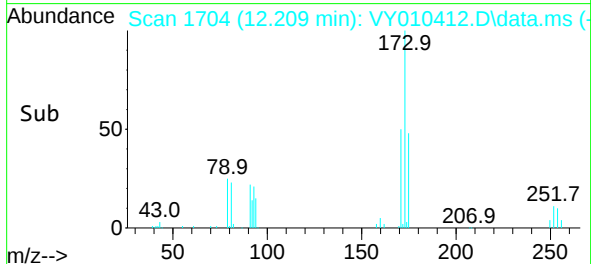
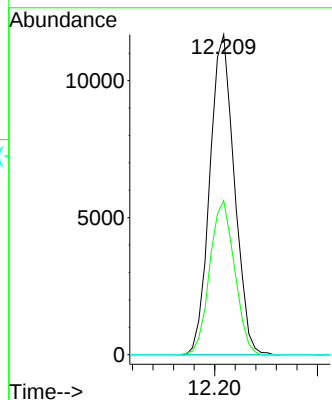
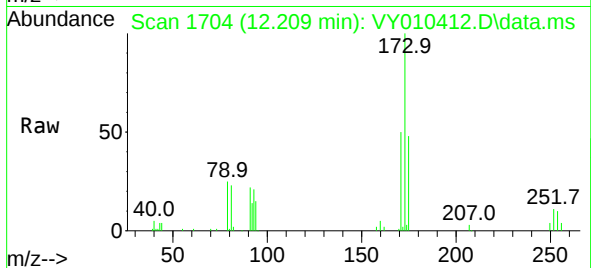
Tgt Ion:173 Resp: 19303

Ion Ratio Lower Upper

173 100

175 48.7 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

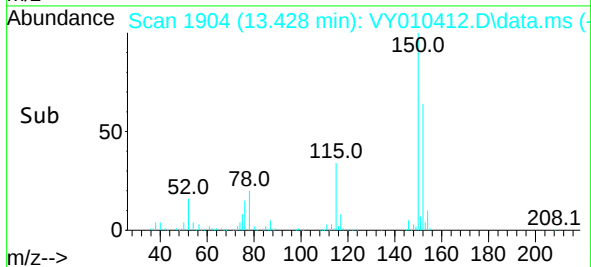
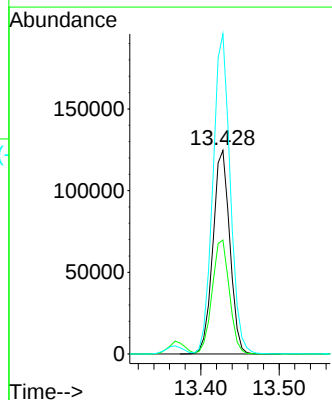
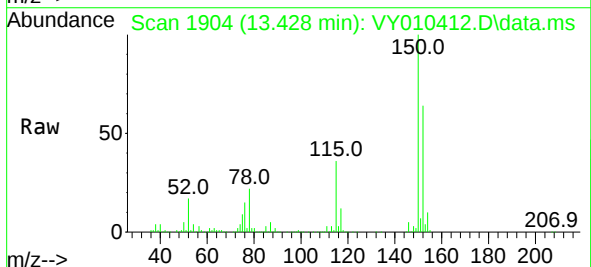
Tgt Ion:152 Resp: 186352

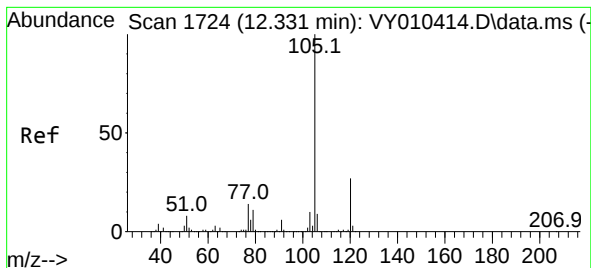
Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 161.2 0.0 347.6





#73

Isopropylbenzene

Concen: 10.615 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

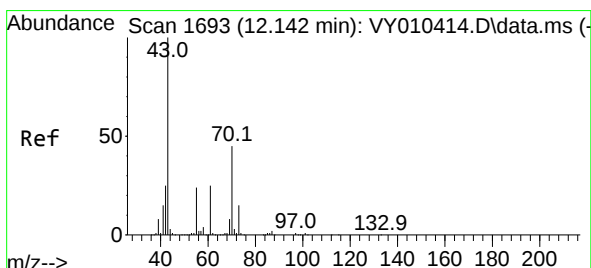
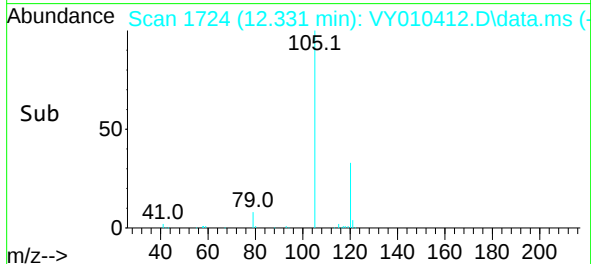
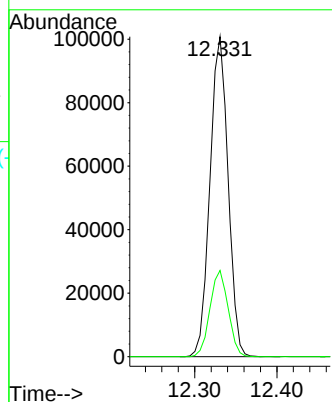
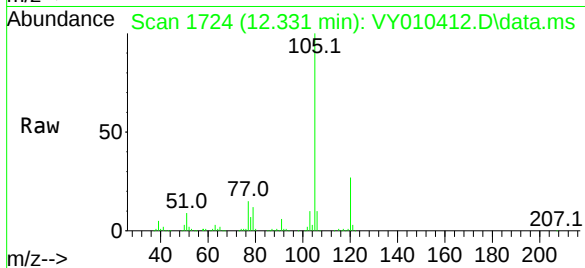
VSTDIC010

Tgt Ion:105 Resp: 154335

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 8.979 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Tgt Ion: 43 Resp: 30461

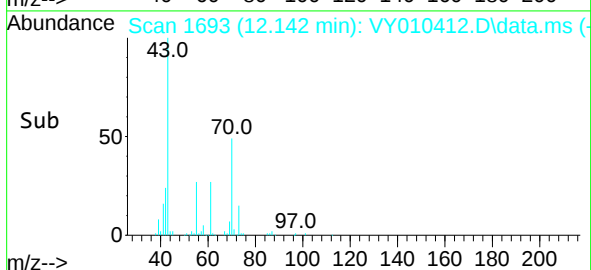
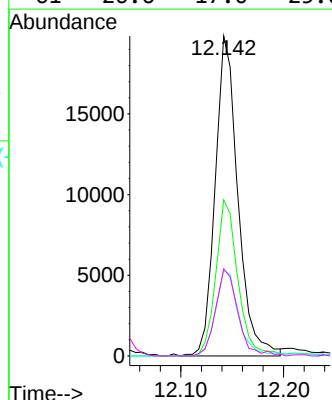
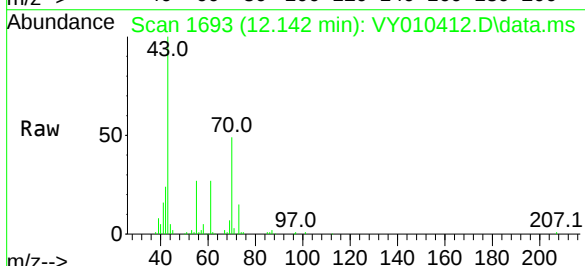
Ion Ratio Lower Upper

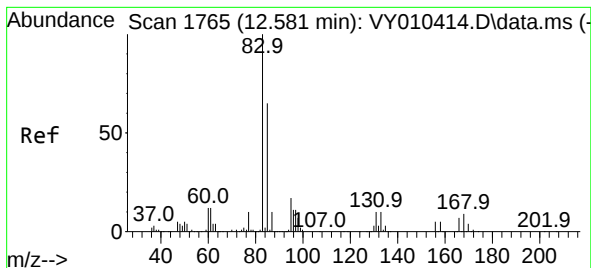
43 100

70 47.2 28.7 43.1#

55 27.8 17.3 25.9#

61 26.6 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 10.409 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

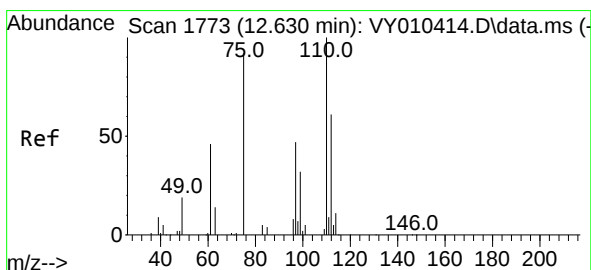
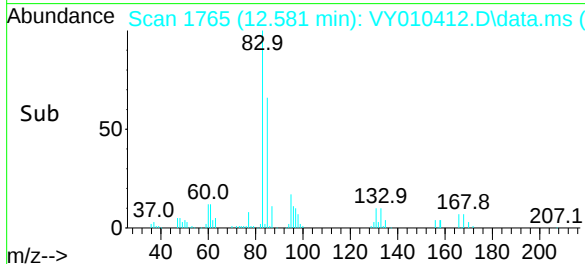
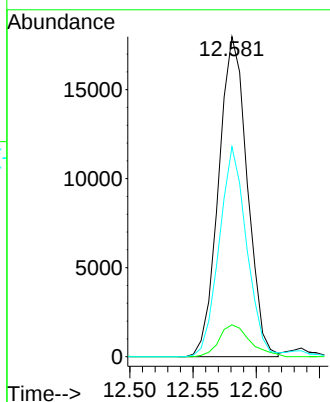
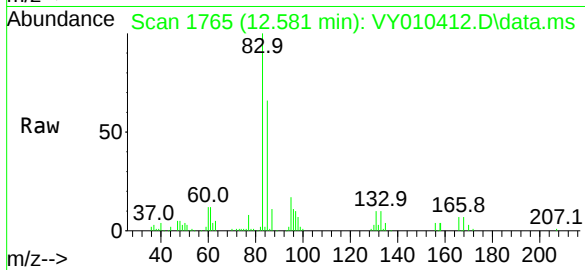
Tgt Ion: 83 Resp: 28310

Ion Ratio Lower Upper

83 100

131 10.7 5.6 16.8

85 62.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 17.919 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY010412.D

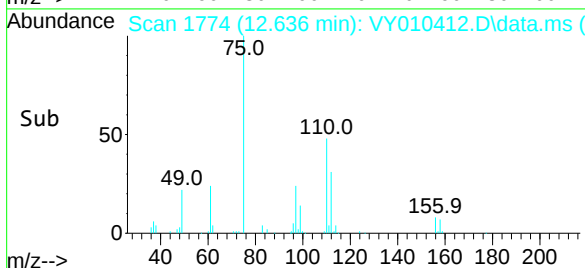
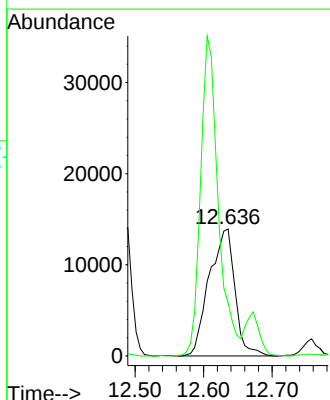
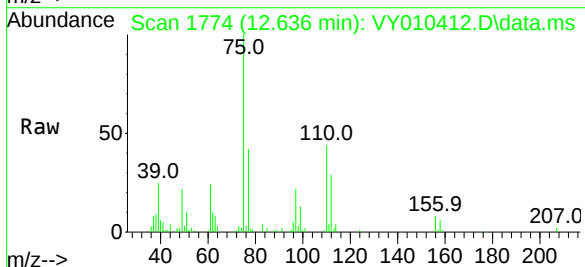
Acq: 09 Sep 2022 12:32

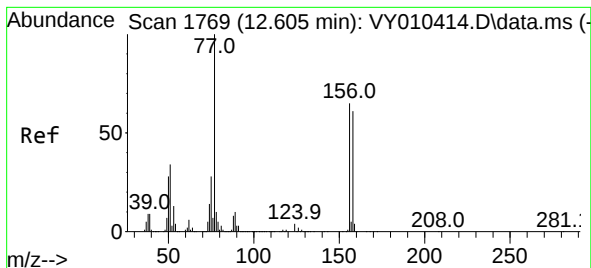
Tgt Ion: 75 Resp: 36303

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.583 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

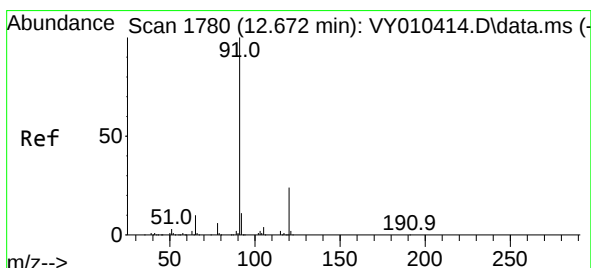
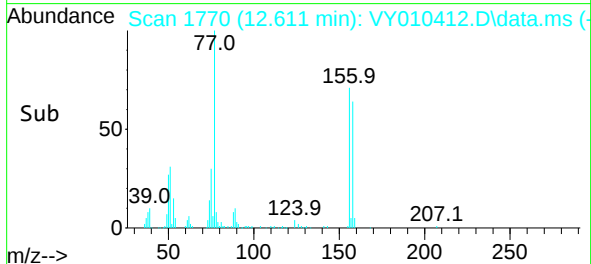
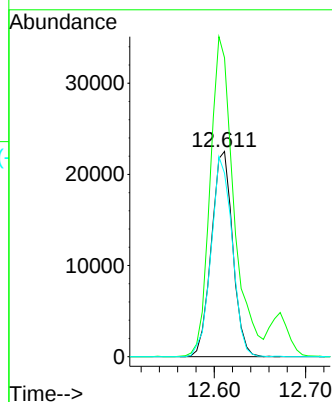
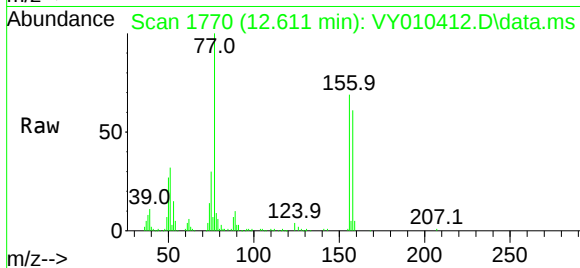
Tgt Ion:156 Resp: 36463

Ion Ratio Lower Upper

156 100

77 173.5 95.5 286.4

158 96.6 48.0 144.0



#78

n-propylbenzene

Concen: 10.628 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY010412.D

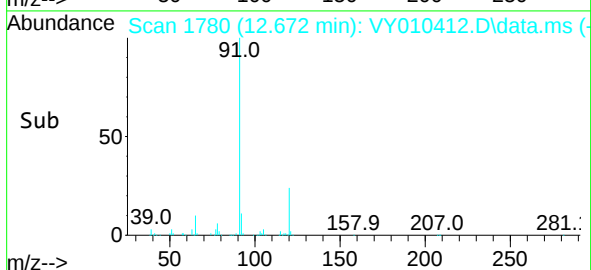
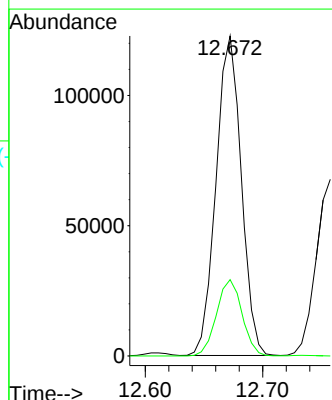
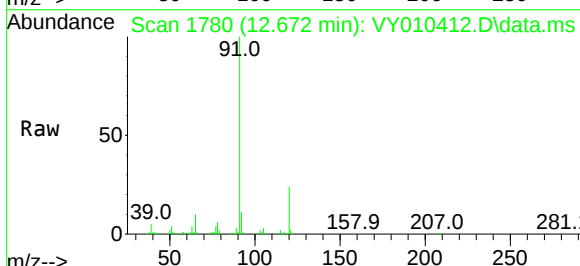
Acq: 09 Sep 2022 12:32

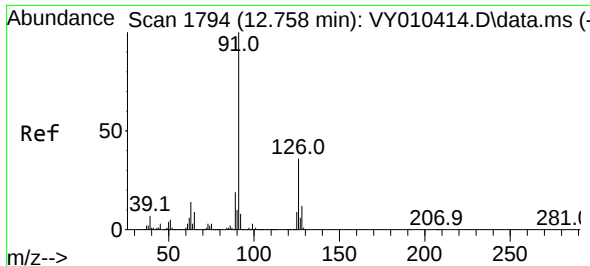
Tgt Ion: 91 Resp: 182981

Ion Ratio Lower Upper

91 100

120 24.1 11.3 33.9

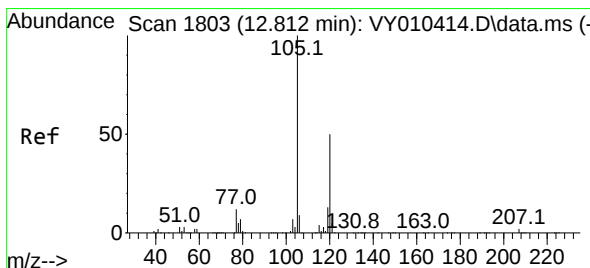
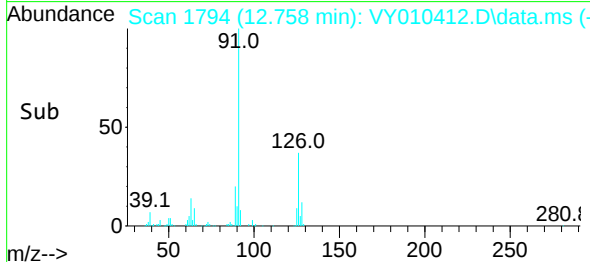
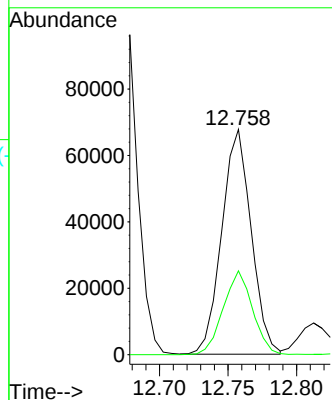
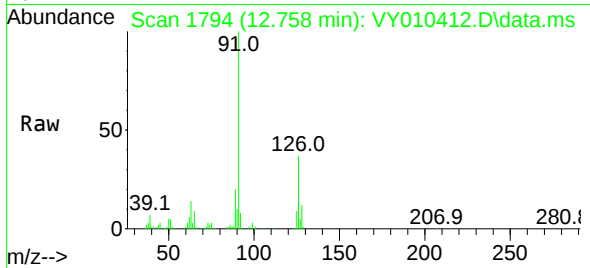




#79
2-Chlorotoluene
Concen: 10.478 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

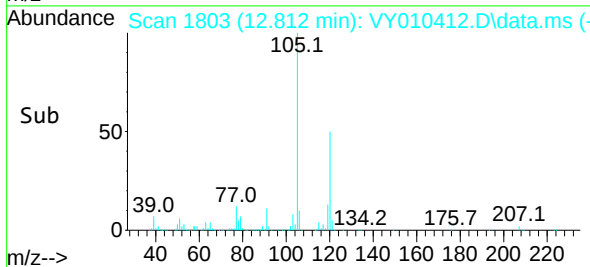
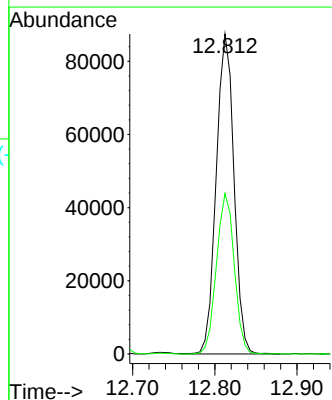
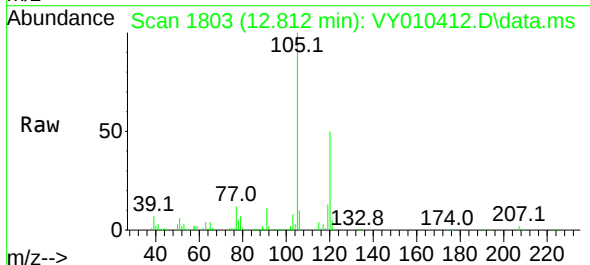
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

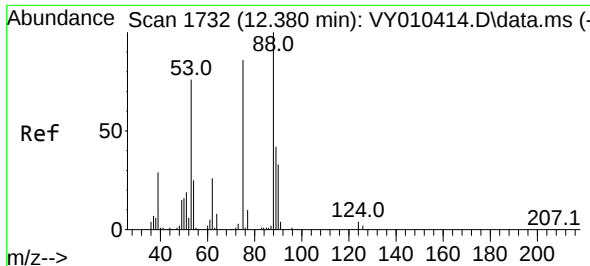
Tgt Ion: 91 Resp: 101343
Ion Ratio Lower Upper
91 100
126 37.2 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 10.672 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion: 105 Resp: 130918
Ion Ratio Lower Upper
105 100
120 50.2 24.4 73.4

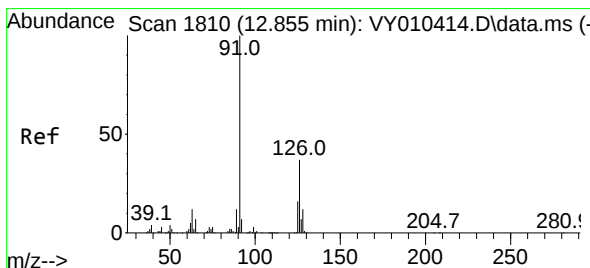
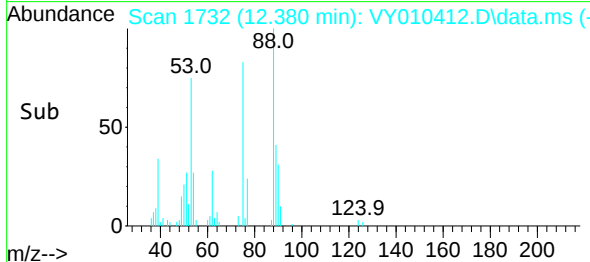
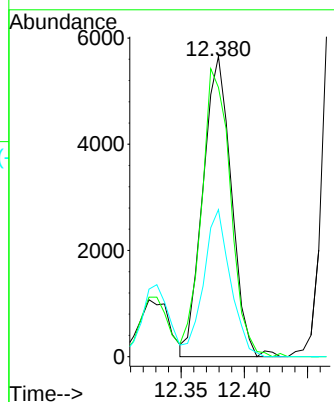
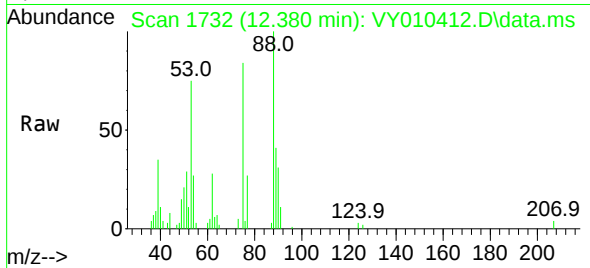




#81
trans-1,4-Dichloro-2-butene
Concen: 9.548 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

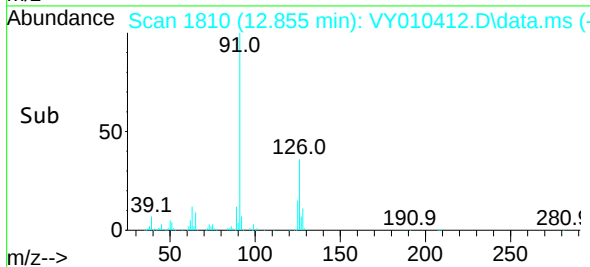
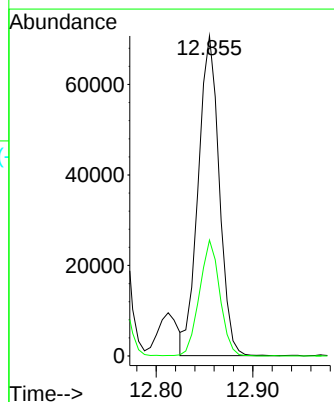
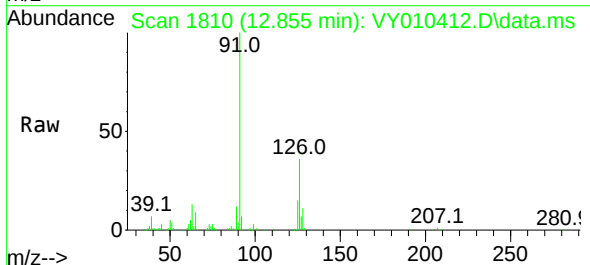
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

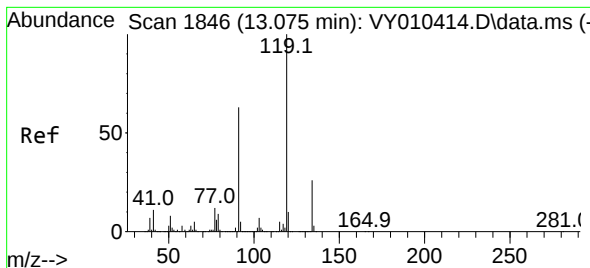
Tgt Ion: 75 Resp: 8844
Ion Ratio Lower Upper
75 100
53 97.9 85.3 127.9
89 46.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 10.603 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion: 91 Resp: 106680
Ion Ratio Lower Upper
91 100
126 35.2 17.0 51.0





#83

tert-Butylbenzene

Concen: 10.470 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

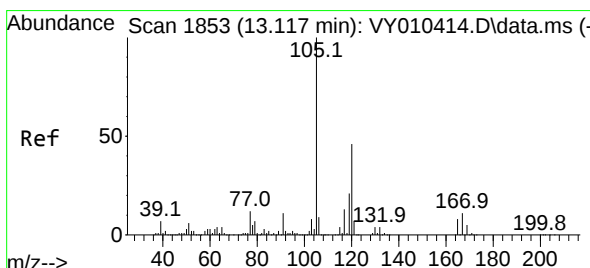
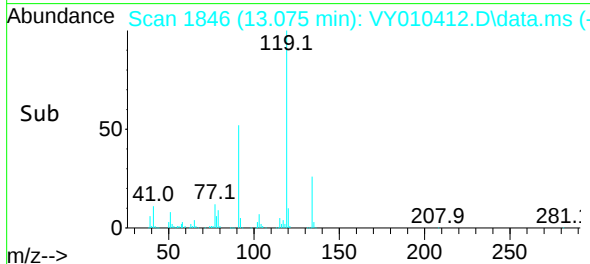
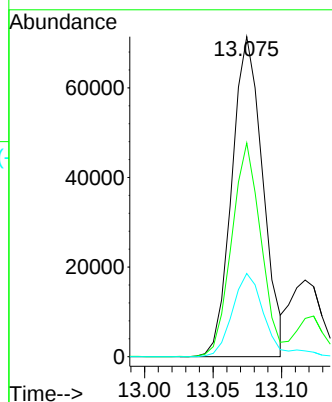
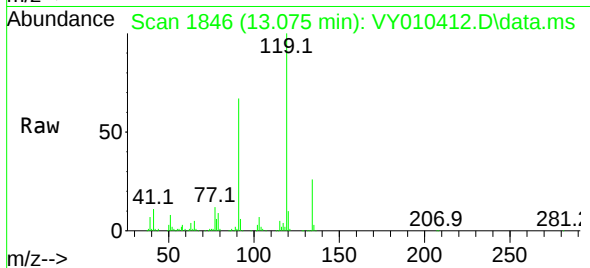
Tgt Ion:119 Resp: 112271

Ion Ratio Lower Upper

119 100

91 64.2 34.8 104.4

134 27.3 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 10.490 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY010412.D

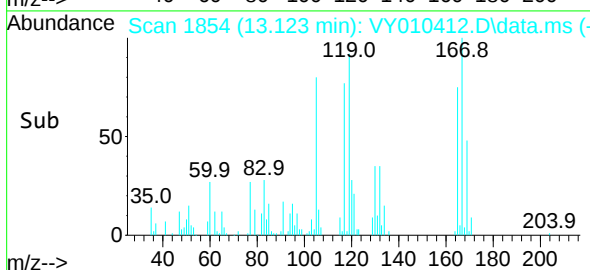
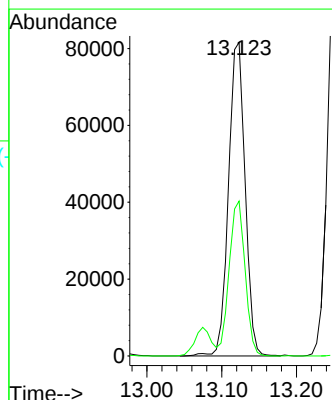
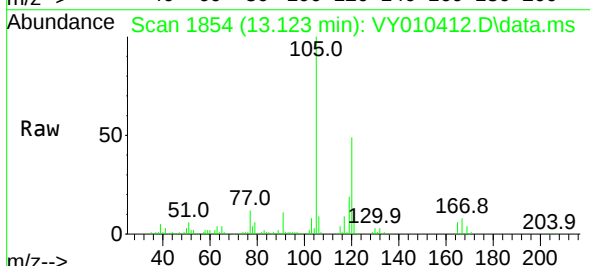
Acq: 09 Sep 2022 12:32

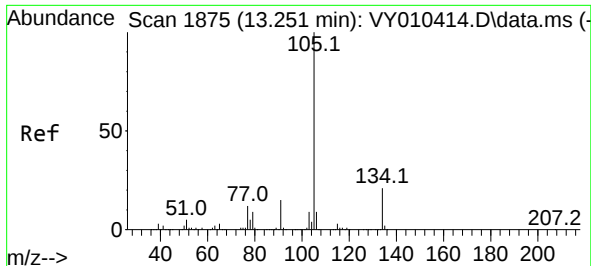
Tgt Ion:105 Resp: 125920

Ion Ratio Lower Upper

105 100

120 47.5 22.3 66.9

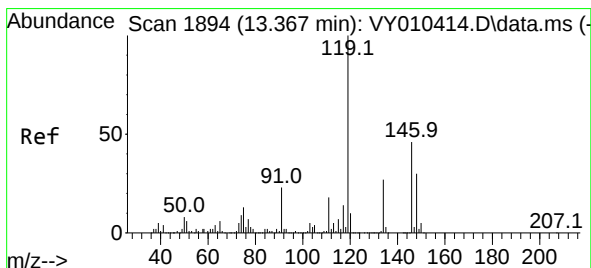
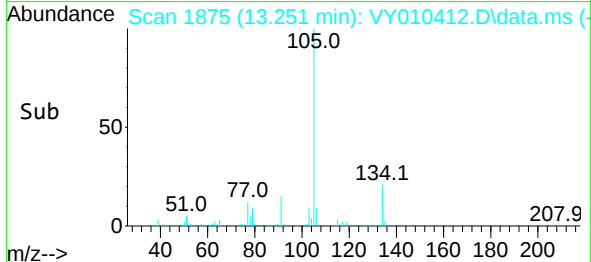
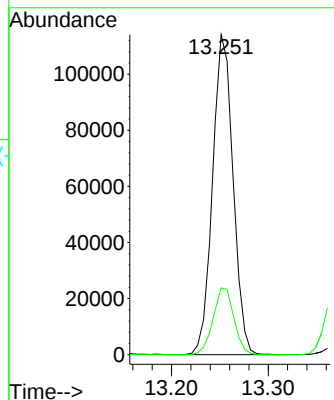
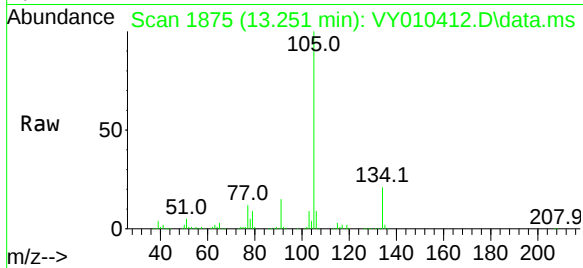




#85
 sec-Butylbenzene
 Concen: 10.580 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY010412.D
 Acq: 09 Sep 2022 12:32

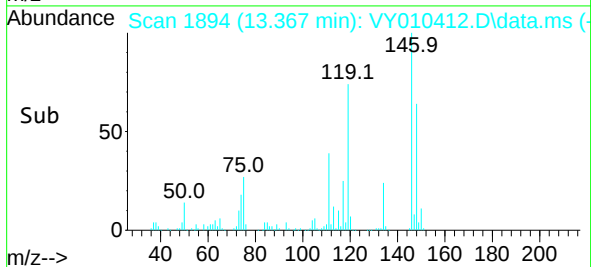
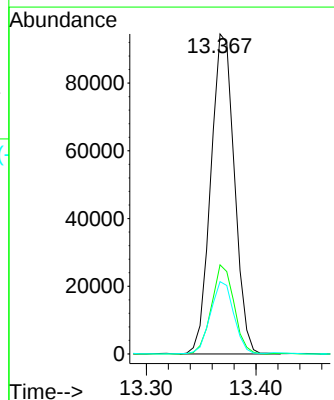
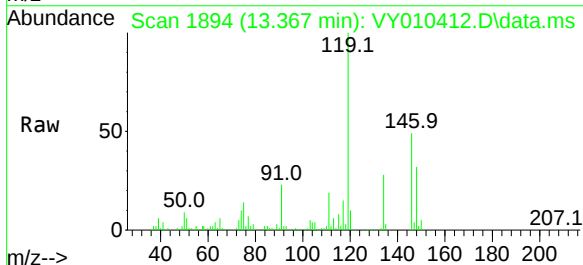
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

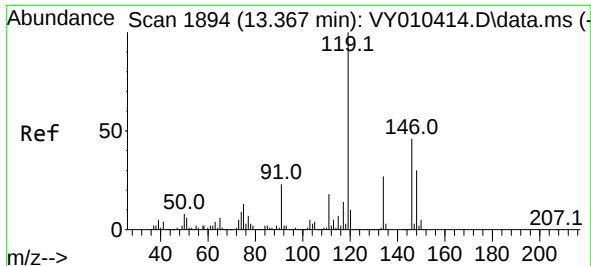
Tgt Ion:105 Resp: 167985
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 10.524 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY010412.D
 Acq: 09 Sep 2022 12:32

Tgt Ion:119 Resp: 141345
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 22.5 12.4 37.2

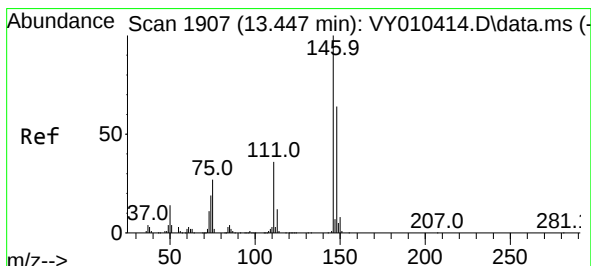
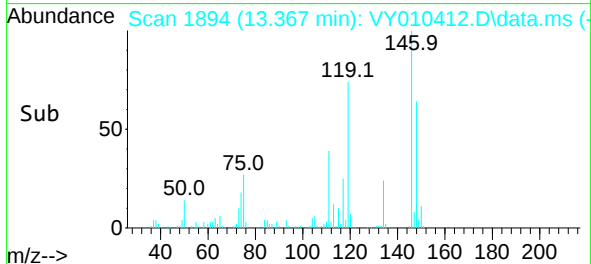
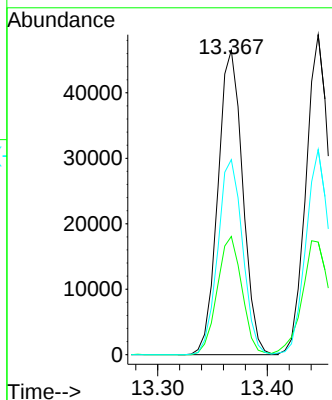
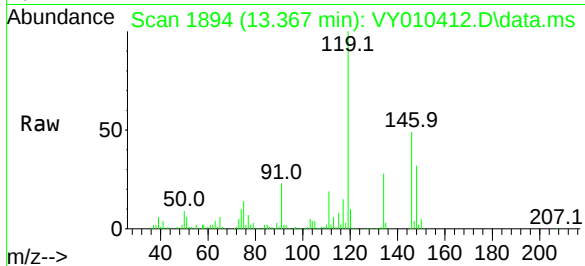




#87
1,3-Dichlorobenzene
Concen: 10.577 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

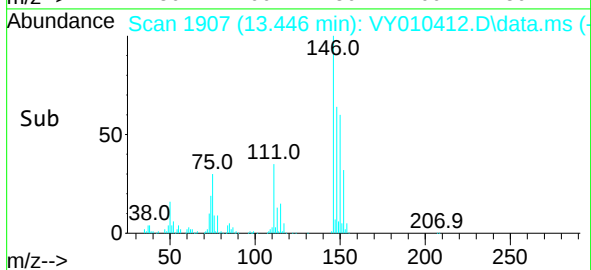
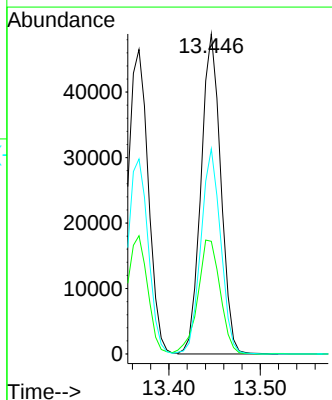
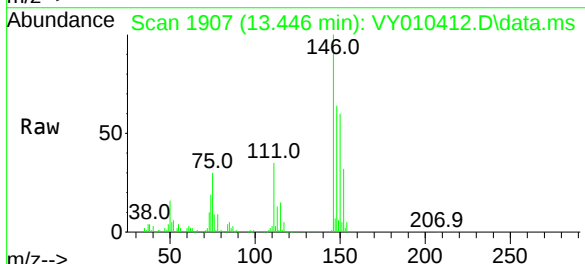
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 73178
Ion Ratio Lower Upper
146 100
111 38.7 19.5 58.5
148 64.1 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 10.685 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion:146 Resp: 73201
Ion Ratio Lower Upper
146 100
111 40.4 19.3 57.8
148 64.4 32.6 97.8

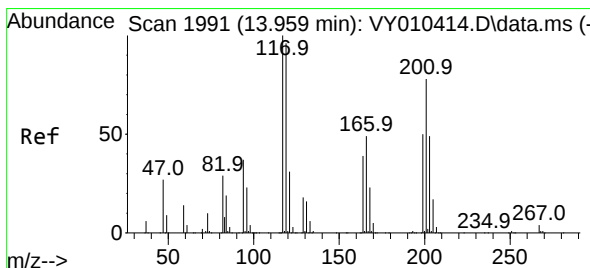
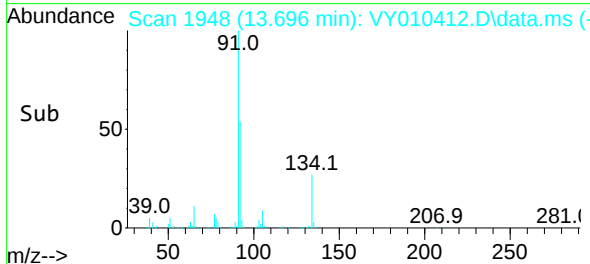
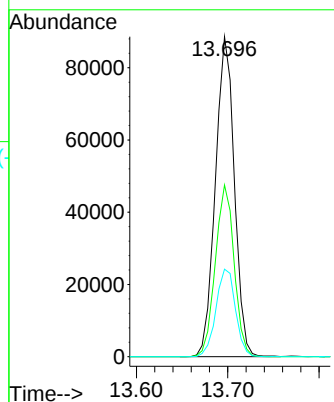
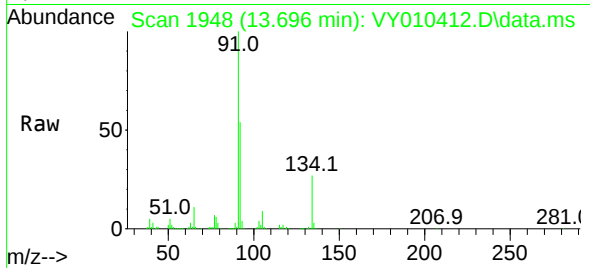




#89
n-Butylbenzene
Concen: 10.482 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

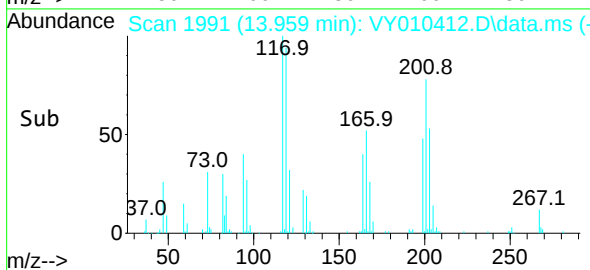
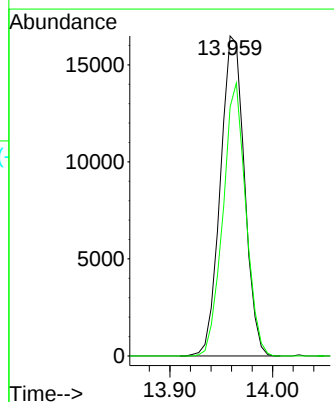
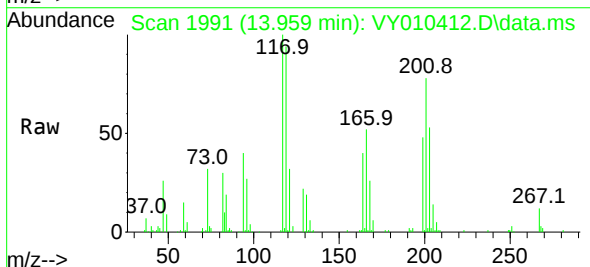
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

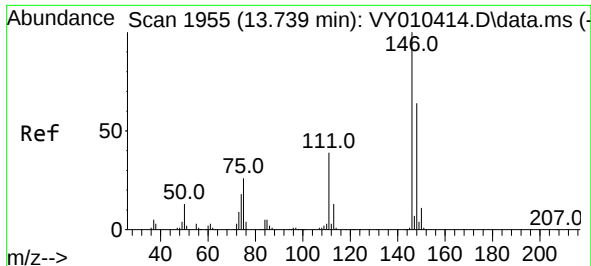
Tgt Ion: 91 Resp: 127786
Ion Ratio Lower Upper
91 100
92 53.2 26.3 78.9
134 28.2 13.0 38.9



#90
Hexachloroethane
Concen: 10.623 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010412.D
Acq: 09 Sep 2022 12:32

Tgt Ion: 117 Resp: 26787
Ion Ratio Lower Upper
117 100
201 80.9 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 10.476 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

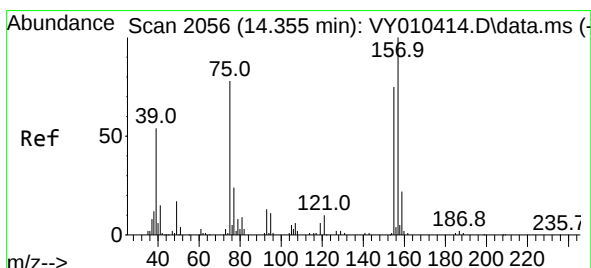
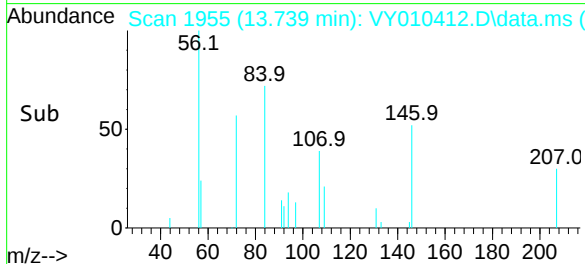
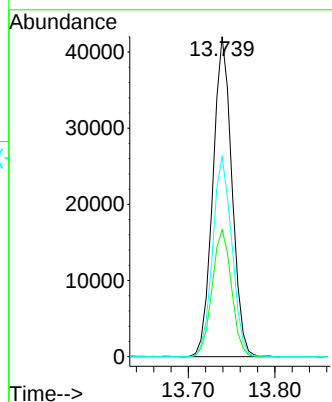
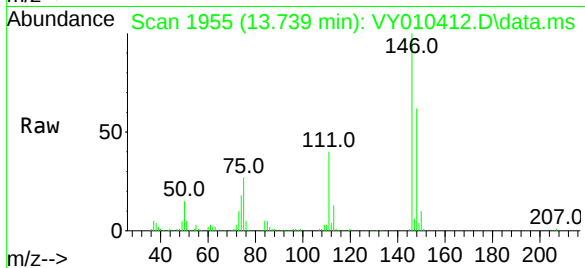
Tgt Ion:146 Resp: 64196

Ion Ratio Lower Upper

146 100

111 40.1 20.3 60.9

148 63.2 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.218 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

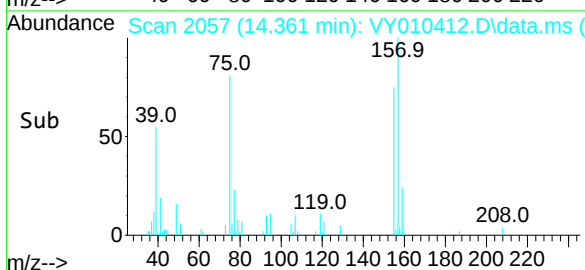
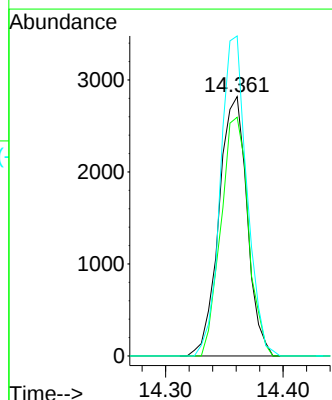
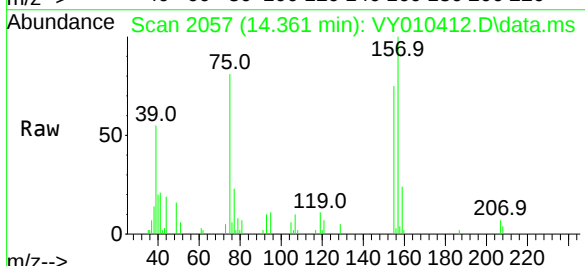
Tgt Ion: 75 Resp: 4691

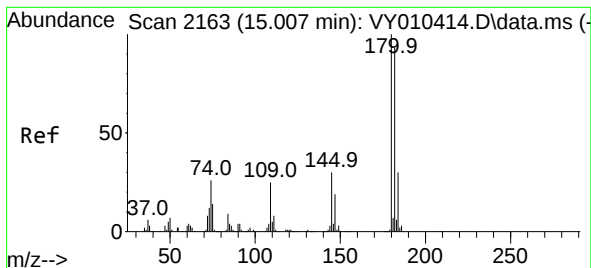
Ion Ratio Lower Upper

75 100

155 89.9 38.0 113.9

157 115.8 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 10.444 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

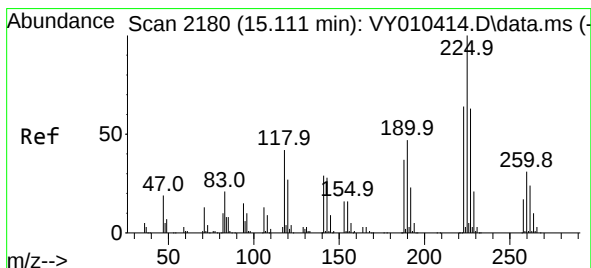
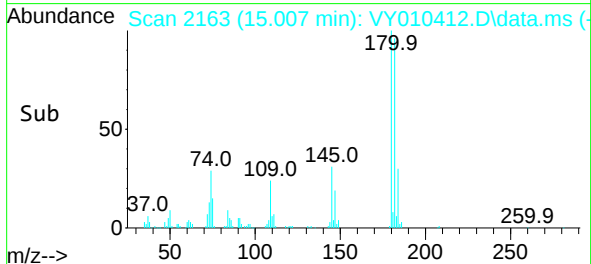
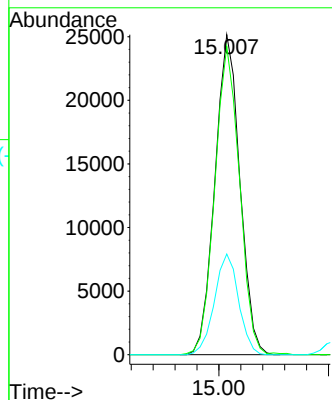
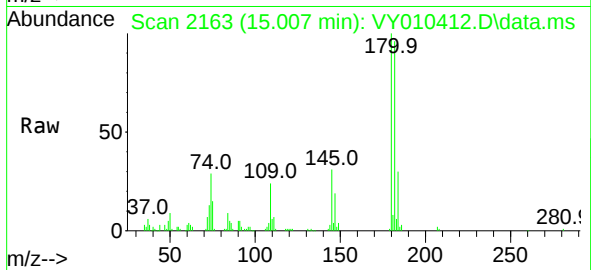
Tgt Ion:180 Resp: 39749

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.9

145 30.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 10.964 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

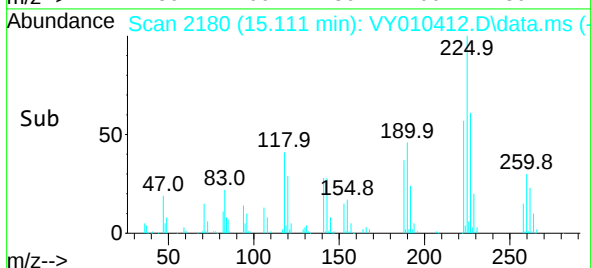
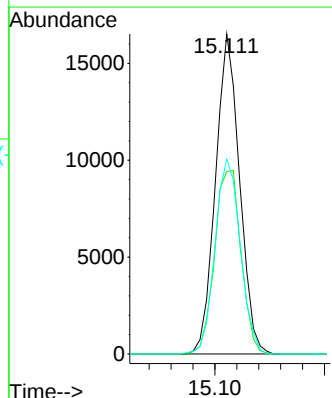
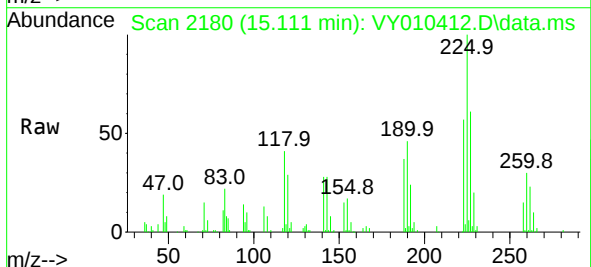
Tgt Ion:225 Resp: 25177

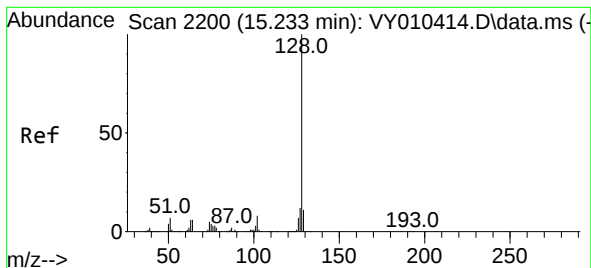
Ion Ratio Lower Upper

225 100

223 62.9 30.8 92.3

227 64.0 31.6 94.7





#95

Naphthalene

Concen: 9.799 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

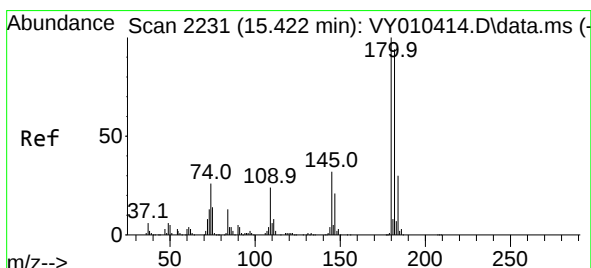
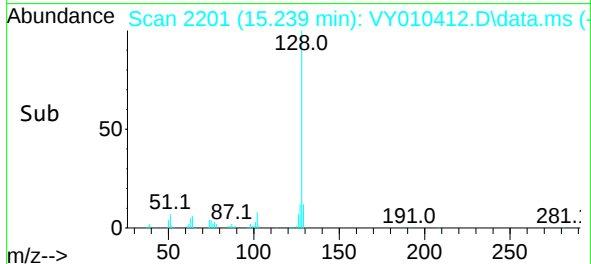
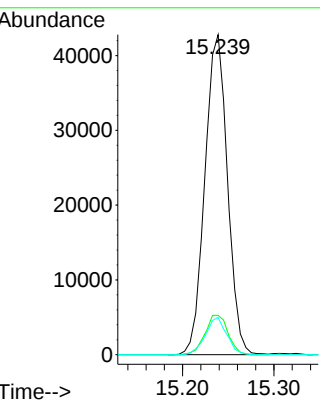
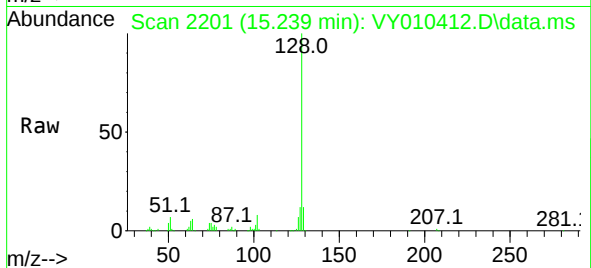
Tgt Ion:128 Resp: 73558

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 10.617 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY010412.D

Acq: 09 Sep 2022 12:32

Tgt Ion:180 Resp: 35273

Ion Ratio Lower Upper

180 100

182 93.7 47.3 141.9

145 30.5 15.3 45.9

