

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010414.D
 Acq On : 09 Sep 2022 13:17
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 09 16:53:43 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	273126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	422181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	374015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	190990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	135664	49.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.640%
35) Dibromofluoromethane	7.710	113	134246	44.773	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.540%
50) Toluene-d8	10.179	98	504739	51.941	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.880%
62) 4-Bromofluorobenzene	12.477	95	177385	39.779	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	93722	44.785	ug/l	100
3) Chloromethane	2.107	50	142961	46.589	ug/l	94
4) Vinyl Chloride	2.247	62	181056	47.826	ug/l	99
5) Bromomethane	2.644	94	122895	46.337	ug/l	99
6) Chloroethane	2.784	64	121699	48.061	ug/l	99
7) Trichlorofluoromethane	3.119	101	231288	48.231	ug/l	94
8) Diethyl Ether	3.521	74	74468	47.949	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.893	101	136607	48.655	ug/l	96
10) Methyl Iodide	4.082	142	179251	51.593	ug/l	91
11) Tert butyl alcohol	4.948	59	67021	180.565	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	128150	48.653	ug/l	86
13) Acrolein	3.723	56	63719	242.804	ug/l	98
14) Allyl chloride	4.473	41	187033	49.311	ug/l #	94
15) Acrylonitrile	5.155	53	182745	243.069	ug/l	98
16) Acetone	3.942	43	151164	239.454	ug/l	91
17) Carbon Disulfide	4.186	76	340387	47.788	ug/l	99
18) Methyl Acetate	4.466	43	88144	45.386	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	356838	49.057	ug/l	95
20) Methylene Chloride	4.710	84	153562	39.858	ug/l #	82
21) trans-1,2-Dichloroethene	5.210	96	144153	48.200	ug/l	88
22) Diisopropyl ether	6.112	45	414436	48.943	ug/l #	91
23) Vinyl Acetate	6.051	43	1304438	251.374	ug/l #	91
24) 1,1-Dichloroethane	6.009	63	252890	49.331	ug/l	97
25) 2-Butanone	6.978	43	237473	236.703	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	233613	47.756	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	170867	49.151	ug/l	87
28) Bromochloromethane	7.326	49	87287	53.107	ug/l #	78
29) Tetrahydrofuran	7.344	42	149644	238.991	ug/l #	83
30) Chloroform	7.502	83	267808	49.250	ug/l	95
31) Cyclohexane	7.777	56	214958	46.256	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	245308	49.821	ug/l	96
36) 1,1-Dichloropropene	7.911	75	200168	48.765	ug/l	96
37) Ethyl Acetate	7.070	43	103549	47.987	ug/l #	93
38) Carbon Tetrachloride	7.899	117	228325	49.998	ug/l	99
39) Methylcyclohexane	9.179	83	250500	48.943	ug/l	89
40) Benzene	8.155	78	578949	48.995	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	143497	122.605	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	172245	49.019	ug/l	93
43) Isopropyl Acetate	8.271	43	193211	48.927	ug/l #	90
44) Trichloroethene	8.935	130	171427	49.285	ug/l	99
45) 1,2-Dichloropropane	9.216	63	142054	49.293	ug/l	94
46) Dibromomethane	9.301	93	85039	48.932	ug/l	96
47) Bromodichloromethane	9.496	83	206708	50.076	ug/l	98
48) Methyl methacrylate	9.289	41	89009	50.186	ug/l #	85
49) 1,4-Dioxane	9.295	88	23539	1023.202	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	533693	246.387	ug/l	90
52) Toluene	10.240	92	379792	49.116	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	210303	49.505	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	238619	49.801	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	121203	49.028	ug/l	99
56) Ethyl methacrylate	10.508	69	161174	49.644	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	202348	49.226	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	197978	179.254	ug/l	93
59) 2-Hexanone	10.831	43	367063	248.600	ug/l	88
60) Dibromochloromethane	10.984	129	151203	50.051	ug/l	99
61) 1,2-Dibromoethane	11.087	107	117378	48.912	ug/l	100
64) Tetrachloroethene	10.715	164	167361	49.645	ug/l	98
65) Chlorobenzene	11.514	112	414334	49.537	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	158106	51.037	ug/l	98
67) Ethyl Benzene	11.593	91	742684	50.169	ug/l	97
68) m/p-Xylenes	11.703	106	584166	100.516	ug/l	93
69) o-Xylene	12.026	106	277937	50.085	ug/l	93
70) Styrene	12.044	104	471456	50.196	ug/l	95
71) Bromoform	12.209	173	97426	50.303	ug/l #	98
73) Isopropylbenzene	12.331	105	747398	50.155	ug/l	100
74) N-amyl acetate	12.142	43	178747	51.409	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	136703	49.040	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	185294	89.240	ug/l #	100
77) Bromobenzene	12.605	156	176078	49.865	ug/l	92
78) n-propylbenzene	12.672	91	884931	50.149	ug/l	97
79) 2-Chlorotoluene	12.758	91	494728	49.910	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	624696	49.684	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	47573	50.111	ug/l	89
82) 4-Chlorotoluene	12.855	91	510177	49.474	ug/l	97
83) tert-Butylbenzene	13.075	119	554576	50.463	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	614096	49.917	ug/l	97
85) sec-Butylbenzene	13.251	105	821114	50.460	ug/l	98
86) p-Isopropyltoluene	13.367	119	697939	50.705	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	350426	49.421	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	346723	49.382	ug/l	98
89) n-Butylbenzene	13.696	91	632663	50.636	ug/l	98
90) Hexachloroethane	13.959	117	128301	49.645	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	311605	49.617	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22285	47.362	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	193913	49.715	ug/l	100
94) Hexachlorobutadiene	15.111	225	115507	49.080	ug/l	99
95) Naphthalene	15.233	128	380212	49.421	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	166273	48.833	ug/l	99

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ClientSampleId :
VSTDICCC050

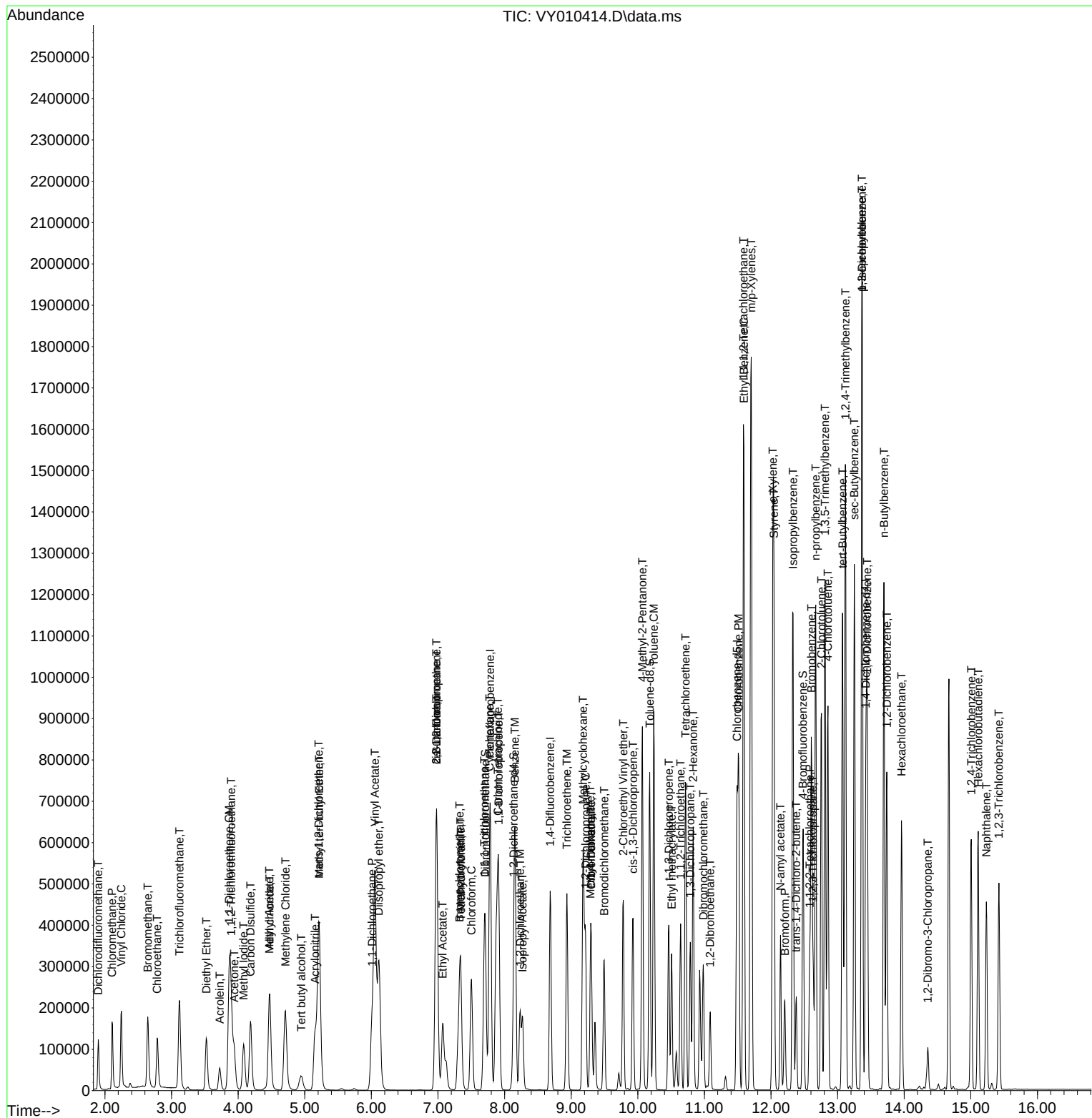
Quant Time: Sep 09 16:53:43 2022
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QLast Update : Fri Sep 09 16:52:24 2022
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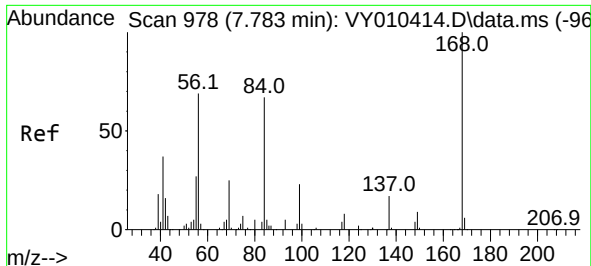
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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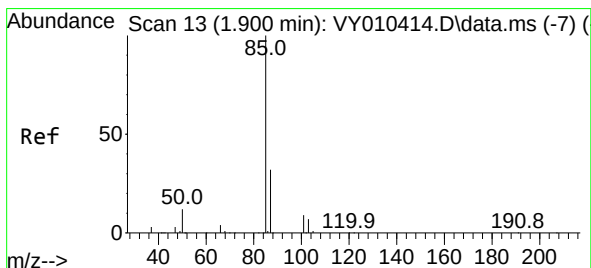
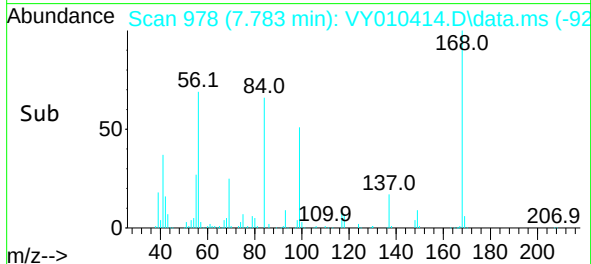
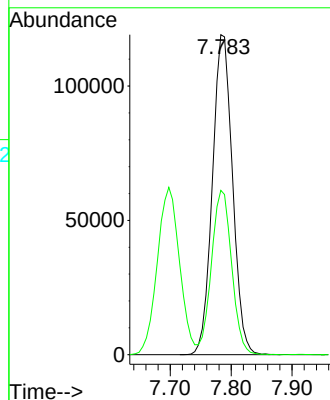
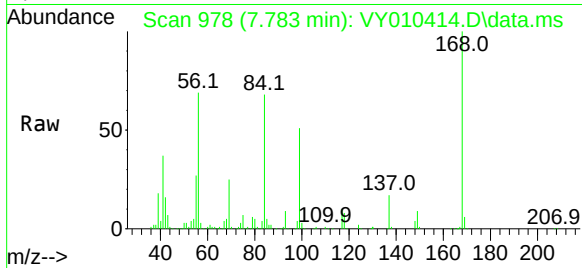




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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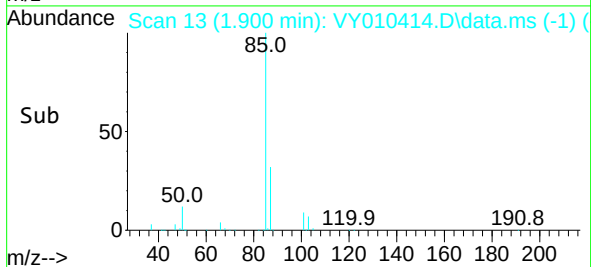
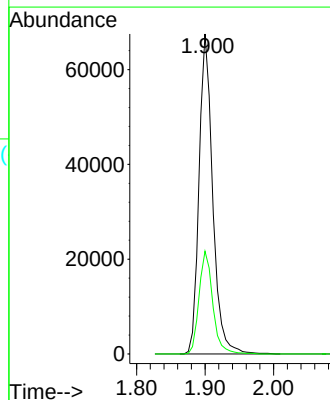
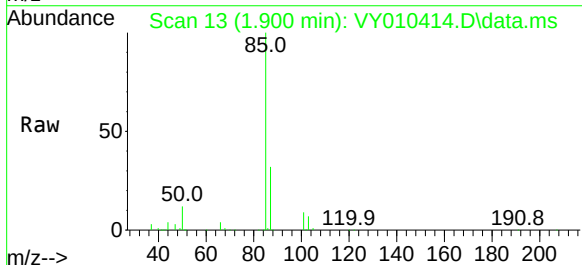
Instrument :
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ClientSampleId :
VSTDICCC050

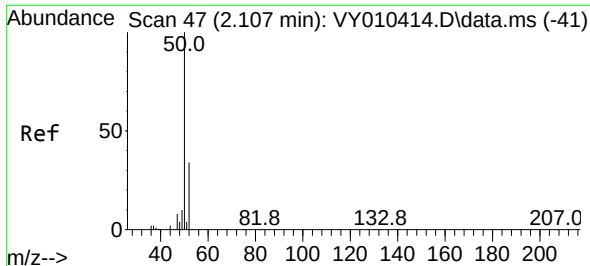
Tgt Ion:168 Resp: 273126
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 44.785 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion: 85 Resp: 93722
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2

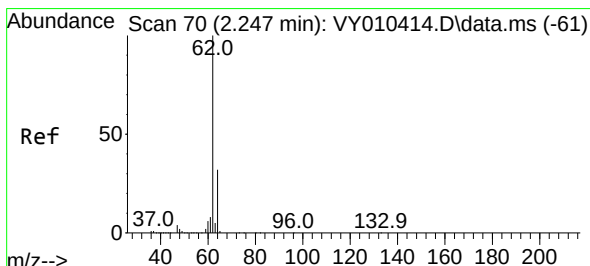
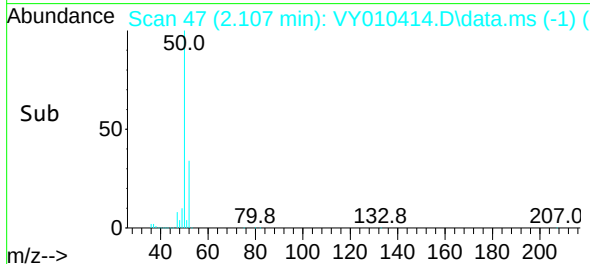
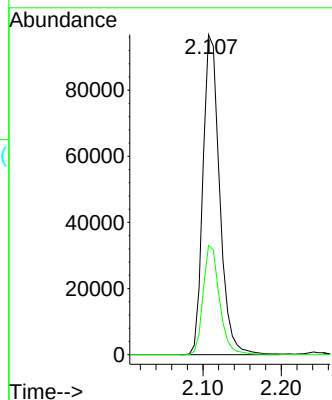
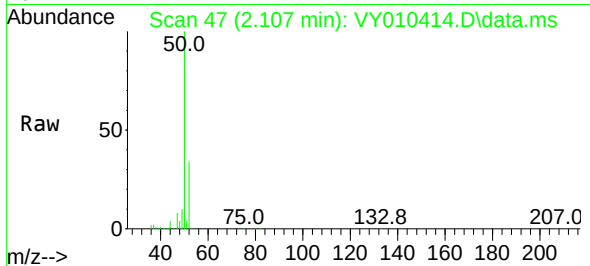




#3
Chloromethane
Concen: 46.589 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

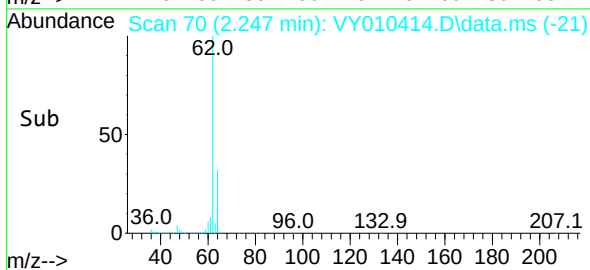
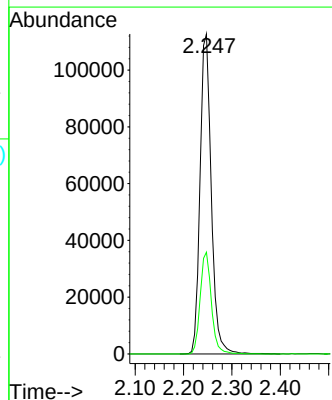
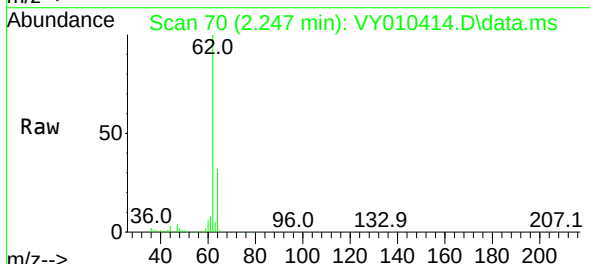
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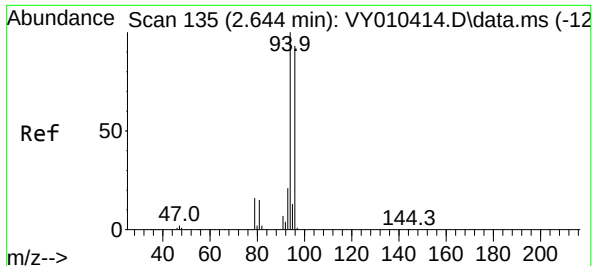
Tgt Ion: 50 Resp: 142961
Ion Ratio Lower Upper
50 100
52 34.2 24.6 37.0



#4
Vinyl Chloride
Concen: 47.826 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion: 62 Resp: 181056
Ion Ratio Lower Upper
62 100
64 31.8 25.0 37.6

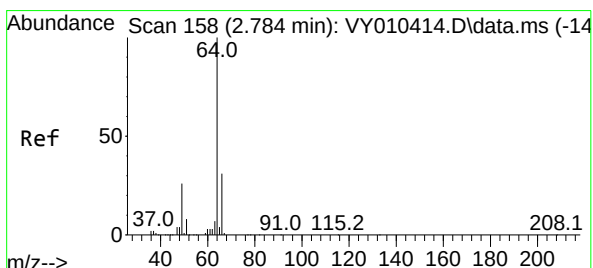
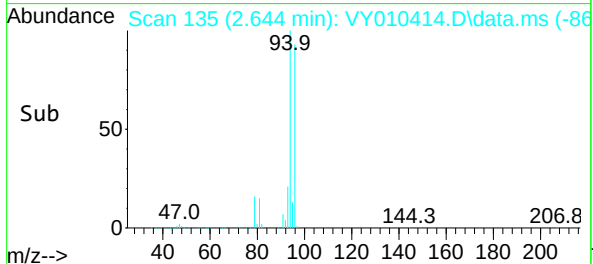
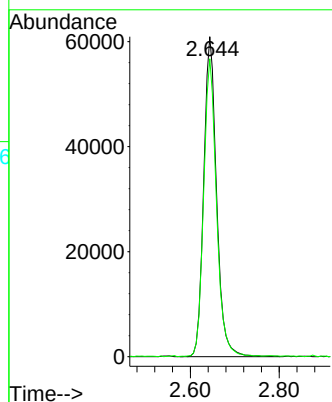
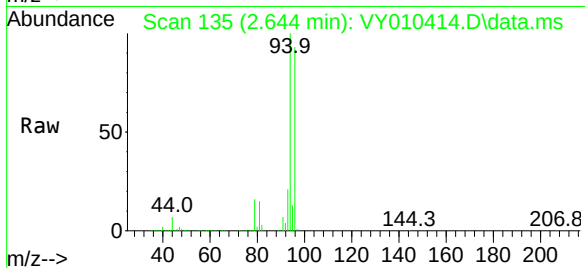




#5
Bromomethane
Concen: 46.337 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

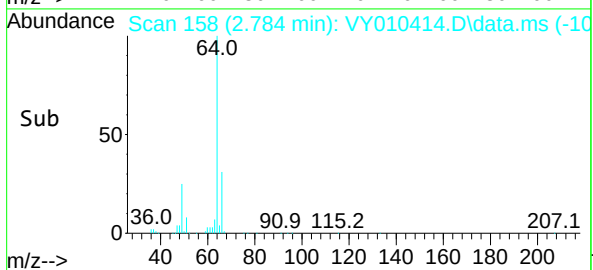
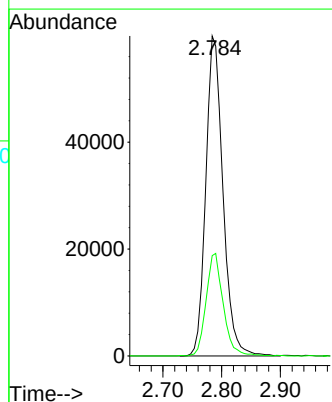
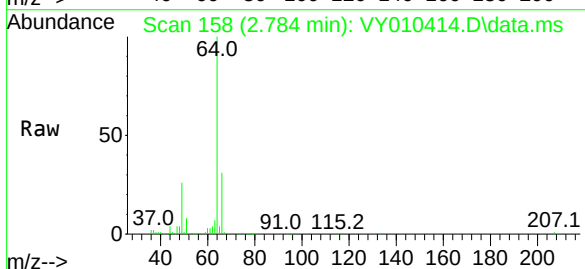
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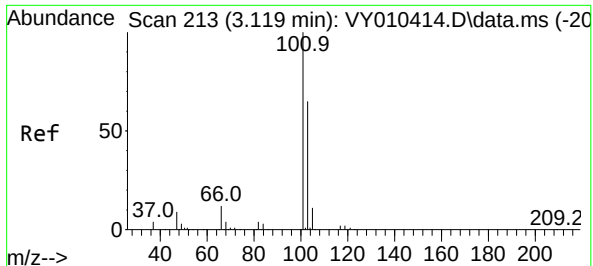
Tgt Ion: 94 Resp: 122895
Ion Ratio Lower Upper
94 100
96 93.0 73.5 110.3



#6
Chloroethane
Concen: 48.061 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion: 64 Resp: 121699
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.0

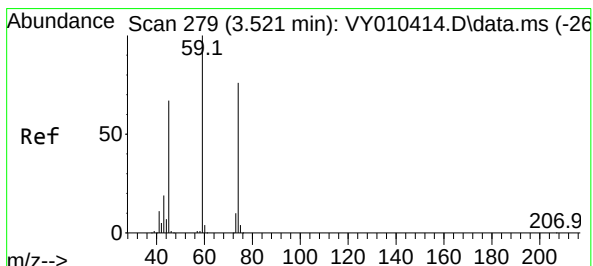
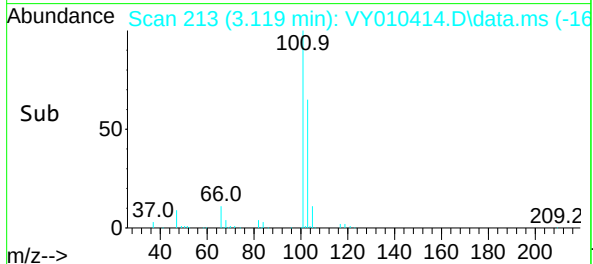
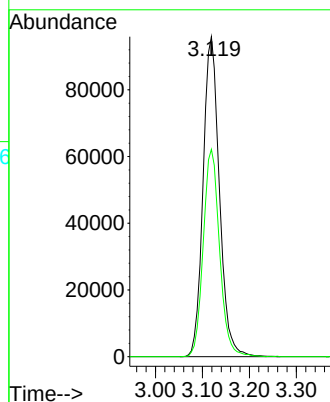
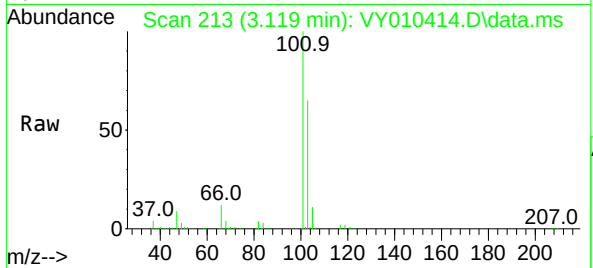




#7
 Trichlorofluoromethane
 Concen: 48.231 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY010414.D
 Acq: 09 Sep 2022 13:17

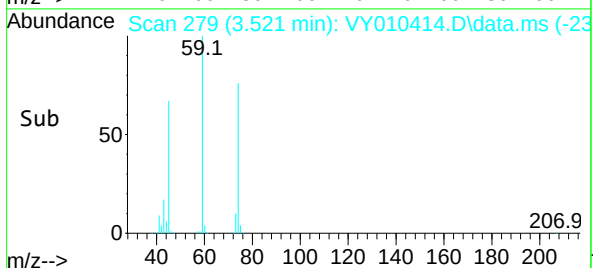
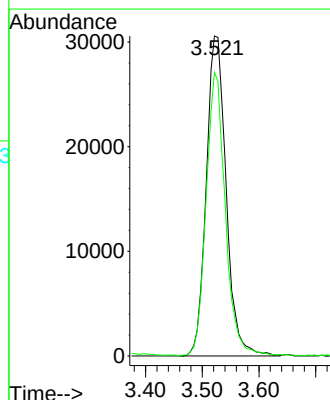
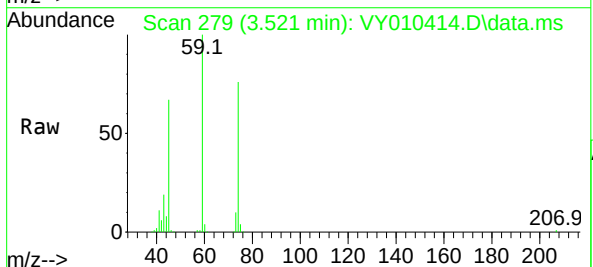
Instrument :
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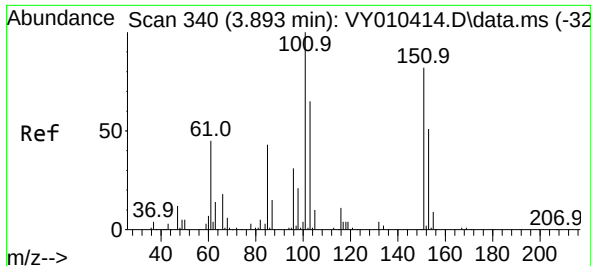
Tgt Ion:101 Resp: 231288
 Ion Ratio Lower Upper
 101 100
 103 64.8 48.0 72.0



#8
 Diethyl Ether
 Concen: 47.949 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY010414.D
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Tgt Ion: 74 Resp: 74468
 Ion Ratio Lower Upper
 74 100
 45 86.1 55.1 165.5

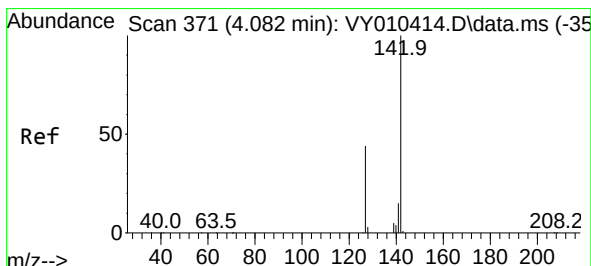
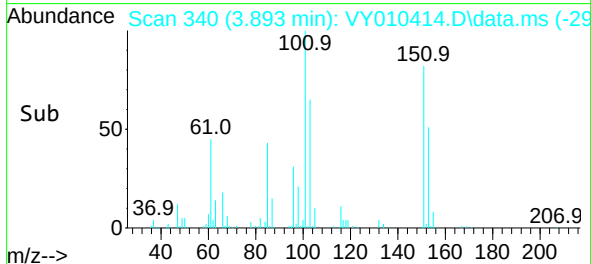
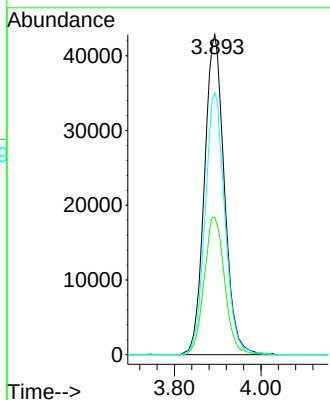
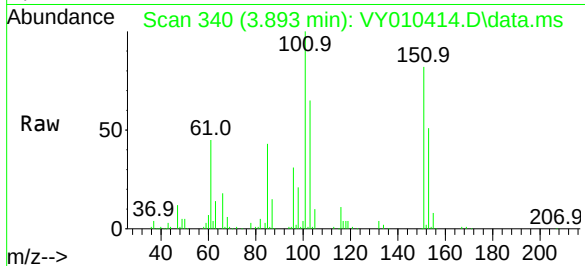




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.655 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

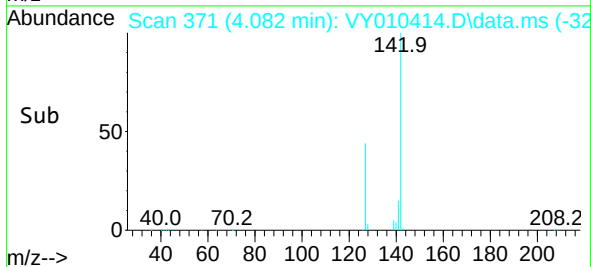
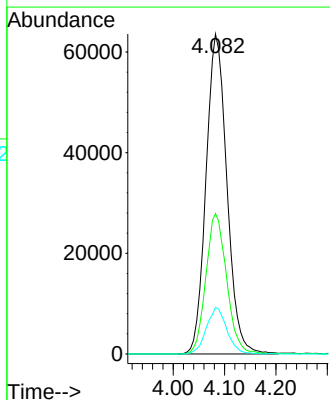
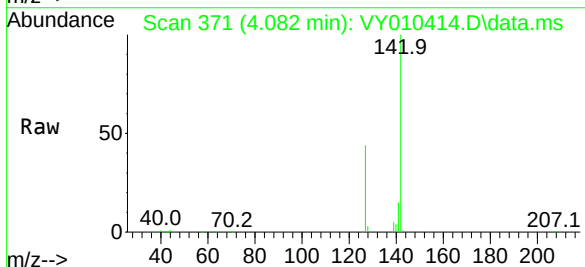
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

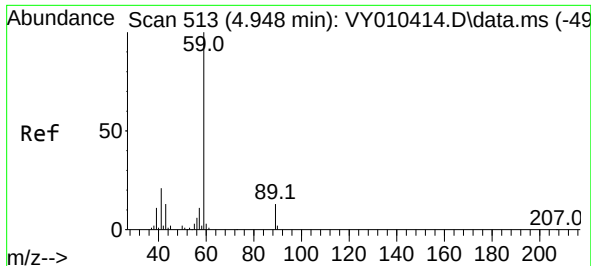
Tgt Ion:101 Resp: 136607
Ion Ratio Lower Upper
101 100
85 44.2 40.6 60.8
151 81.4 64.9 97.3



#10
Methyl Iodide
Concen: 51.593 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion:142 Resp: 179251
Ion Ratio Lower Upper
142 100
127 43.7 41.5 62.3
141 14.3 11.9 17.9

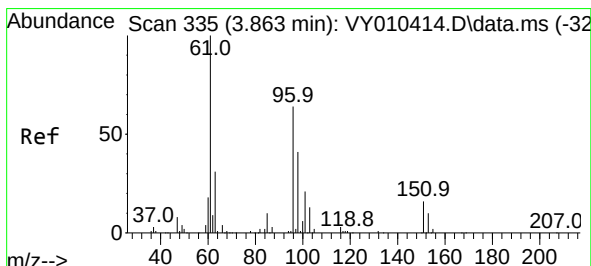
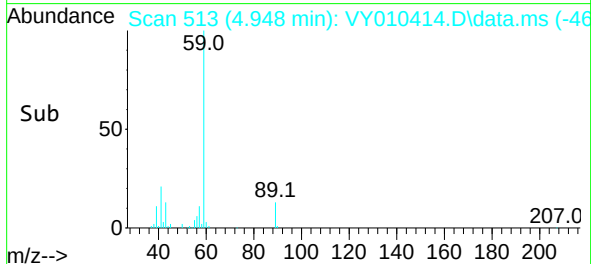
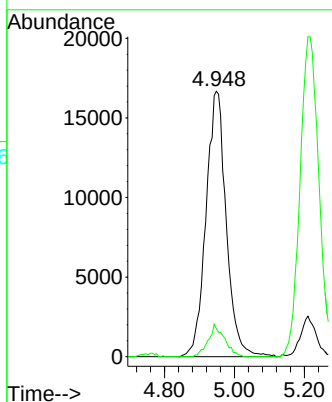
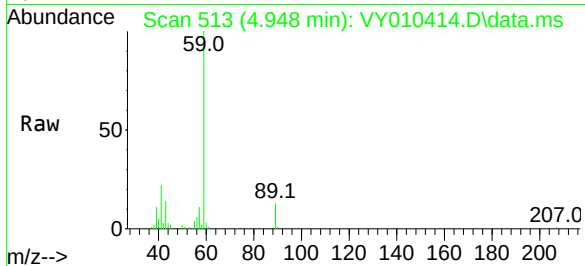




#11
Tert butyl alcohol
Concen: 180.565 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

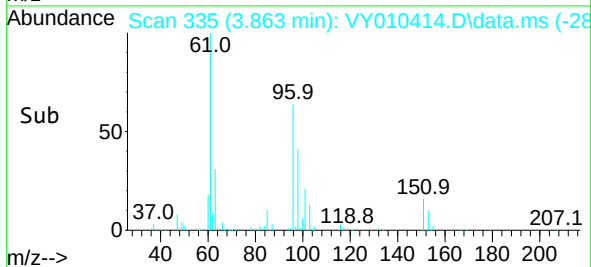
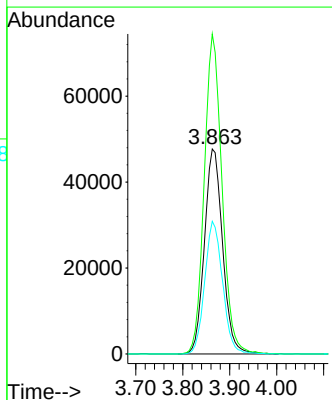
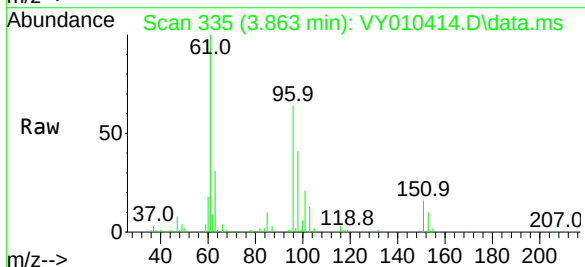
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

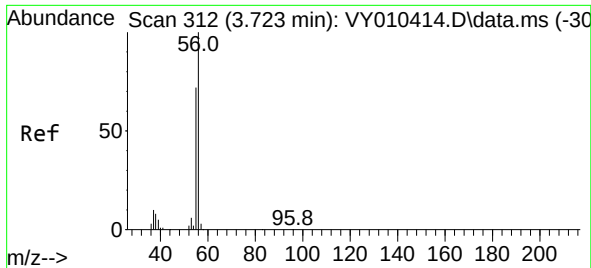
Tgt Ion: 59 Resp: 67021
Ion Ratio Lower Upper
59 100
57 9.8 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 48.653 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion: 96 Resp: 128150
Ion Ratio Lower Upper
96 100
61 156.1 145.8 218.6
98 64.7 52.5 78.7





#13

Acrolein

Concen: 242.804 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

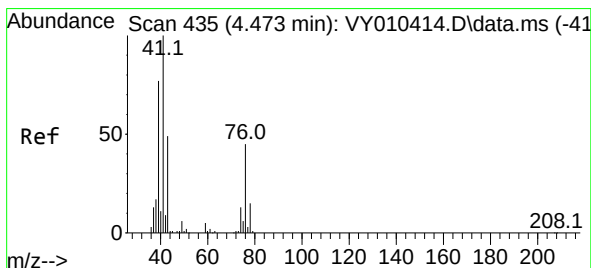
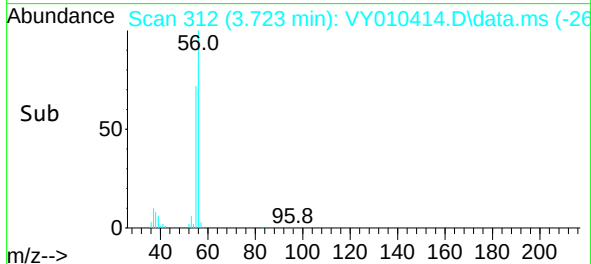
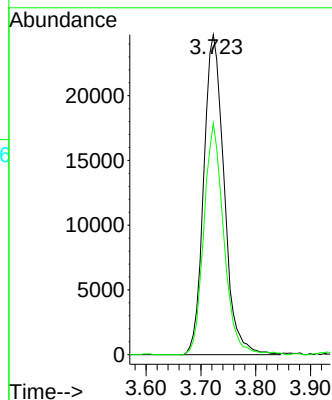
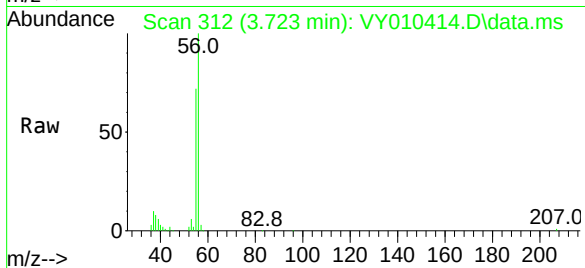
VSTDICCC050

Tgt Ion: 56 Resp: 63719

Ion Ratio Lower Upper

56 100

55 70.2 57.6 86.4



#14

Allyl chloride

Concen: 49.311 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

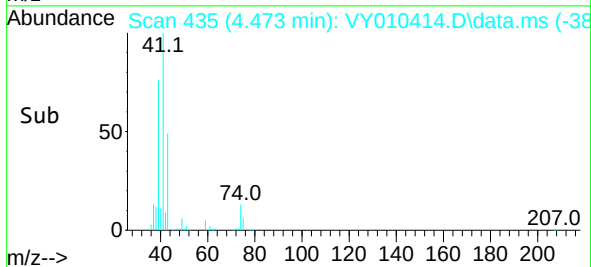
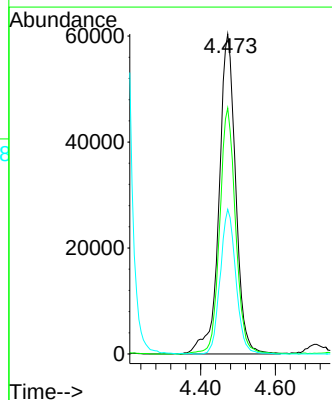
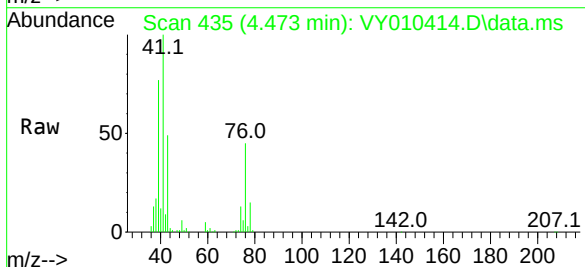
Tgt Ion: 41 Resp: 187033

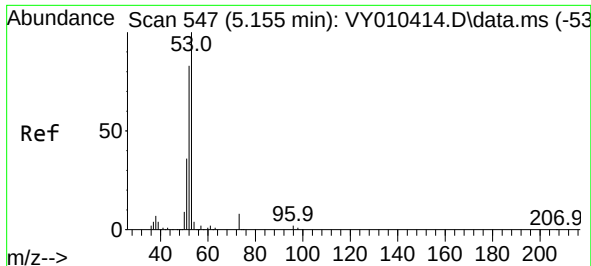
Ion Ratio Lower Upper

41 100

39 73.4 58.8 88.2

76 42.4 25.1 37.7#

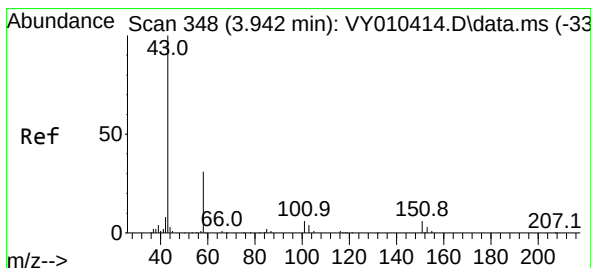
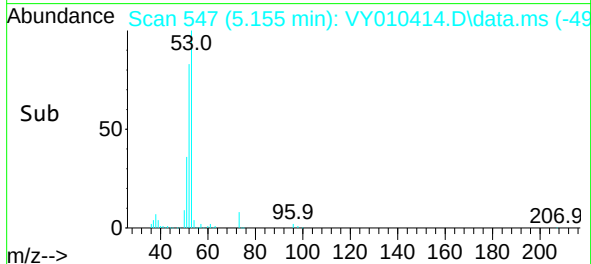
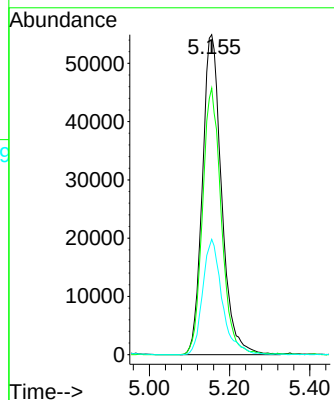
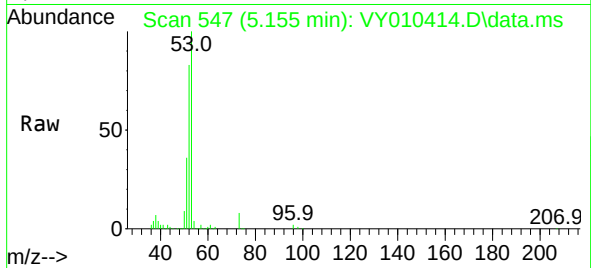




#15
Acrylonitrile
Concen: 243.069 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

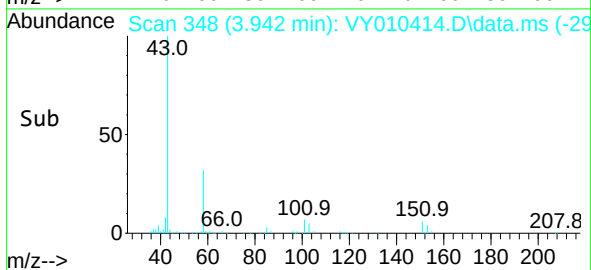
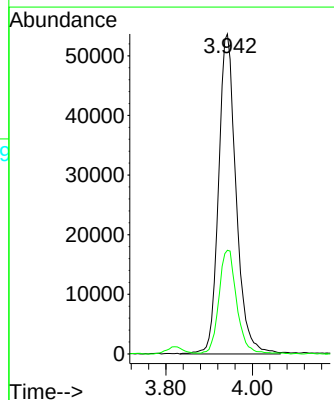
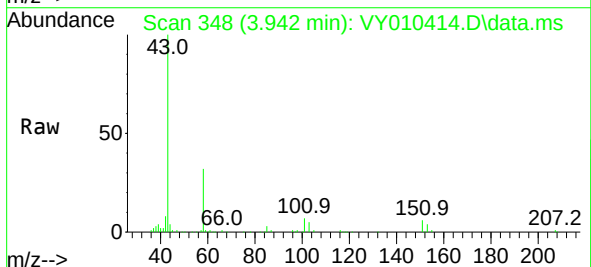
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

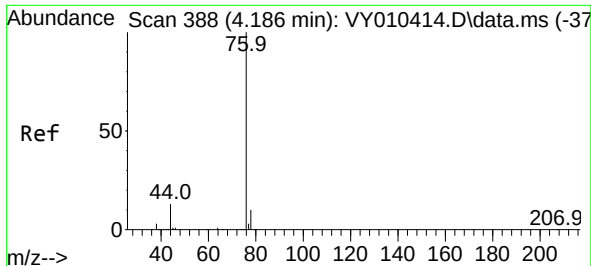
Tgt Ion: 53 Resp: 182745
Ion Ratio Lower Upper
53 100
52 81.4 67.0 100.4
51 36.6 29.8 44.6



#16
Acetone
Concen: 239.454 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion: 43 Resp: 151164
Ion Ratio Lower Upper
43 100
58 32.2 22.0 33.0

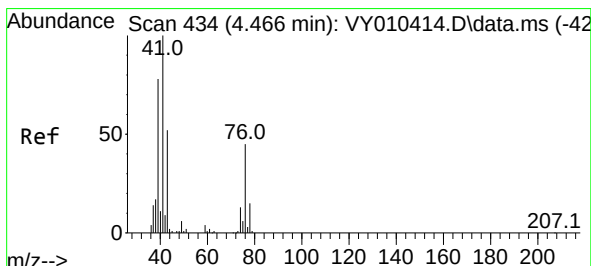
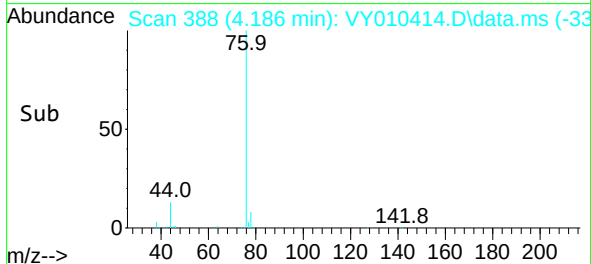
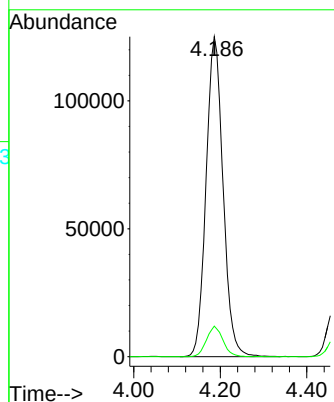
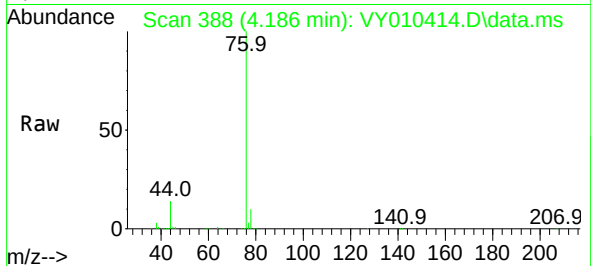




#17
Carbon Disulfide
Concen: 47.788 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

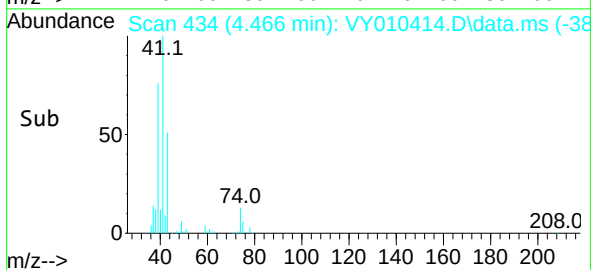
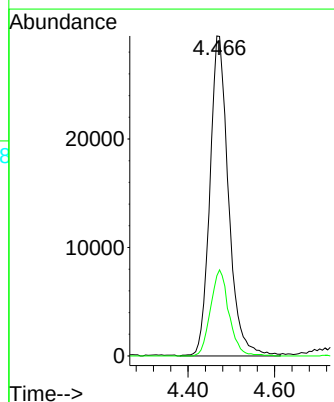
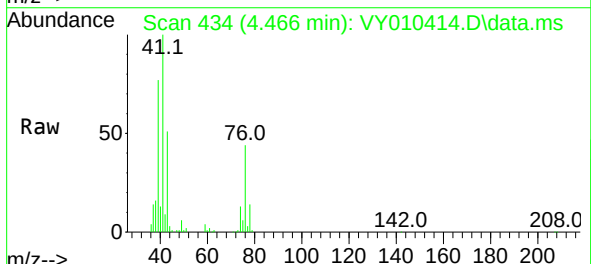
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

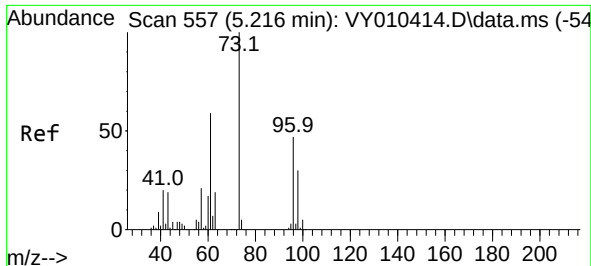
Tgt Ion: 76 Resp: 340387
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 45.386 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion: 43 Resp: 88144
Ion Ratio Lower Upper
43 100
74 26.7 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 49.057 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

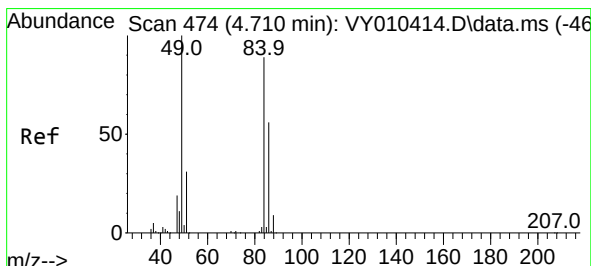
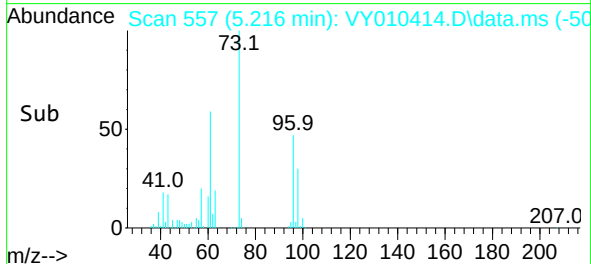
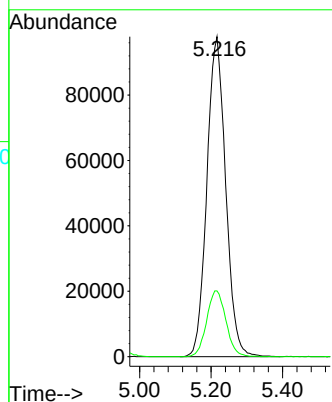
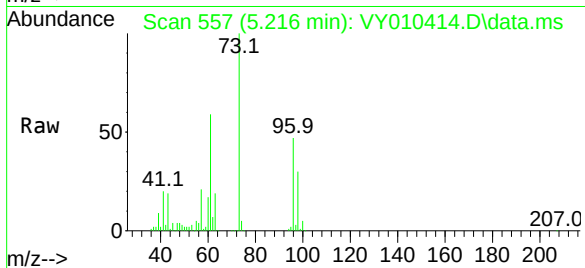
VSTDICCC050

Tgt Ion: 73 Resp: 356838

Ion Ratio Lower Upper

73 100

57 20.5 18.6 27.8



#20

Methylene Chloride

Concen: 39.858 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Tgt Ion: 84 Resp: 153562

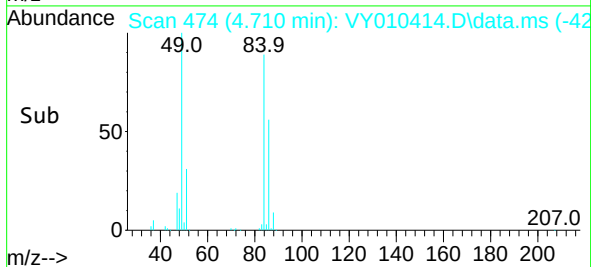
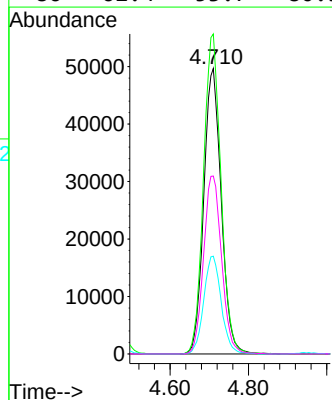
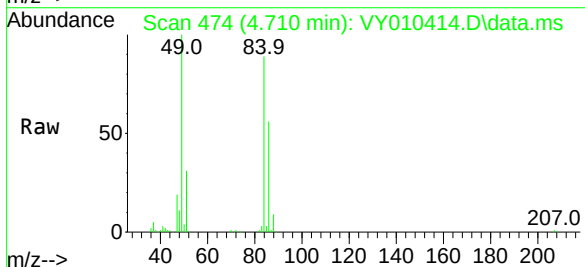
Ion Ratio Lower Upper

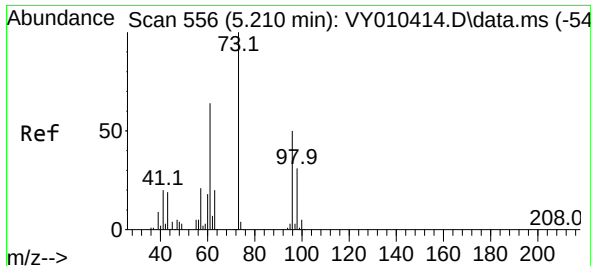
84 100

49 112.1 114.4 171.6#

51 34.3 35.3 52.9#

86 62.4 53.7 80.5

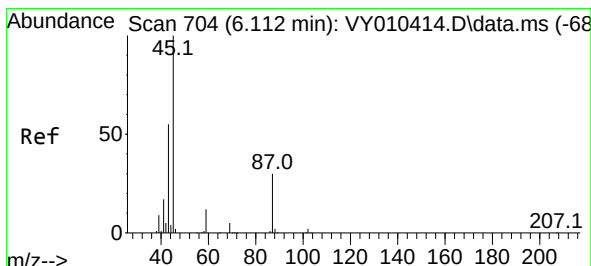
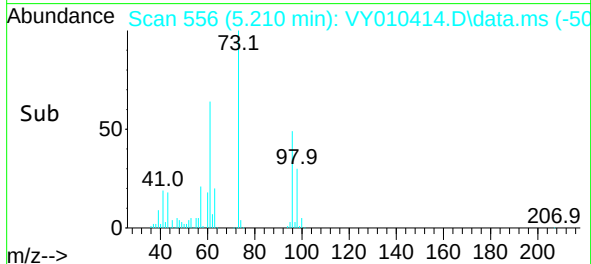
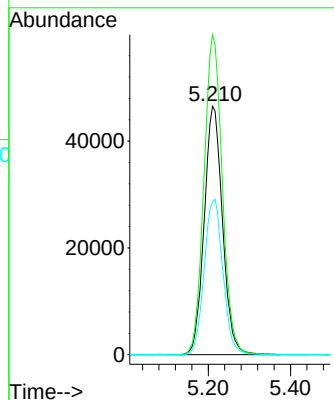
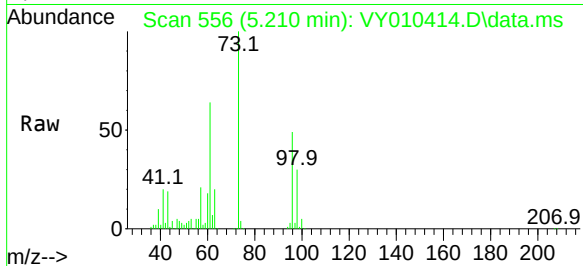




#21
trans-1,2-Dichloroethene
Concen: 48.200 ug/l
RT: 5.210 min Scan# 556
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

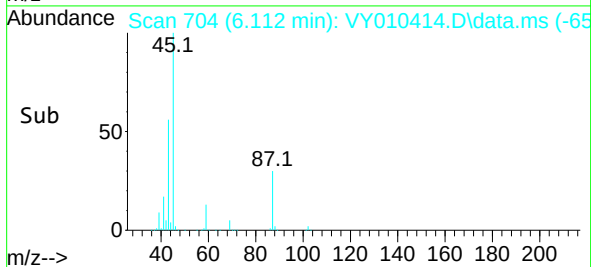
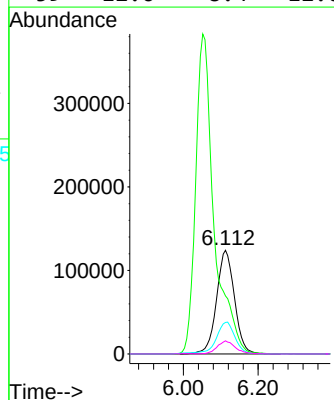
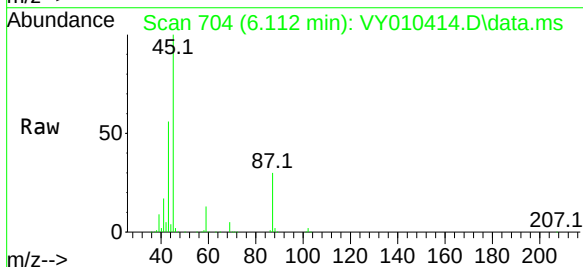
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

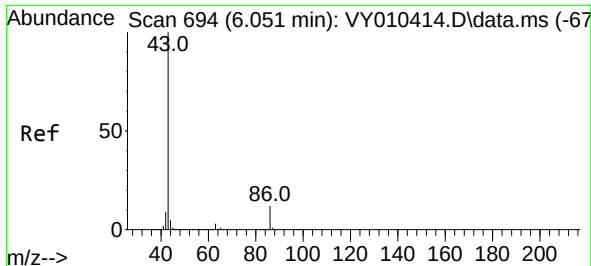
Tgt Ion: 96 Resp: 144153
Ion Ratio Lower Upper
96 100
61 128.8 120.5 180.7
98 61.6 49.8 74.8



#22
Diisopropyl ether
Concen: 48.943 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion: 45 Resp: 414436
Ion Ratio Lower Upper
45 100
43 55.6 49.3 73.9
87 30.4 19.2 28.8#
59 12.6 8.4 12.6#

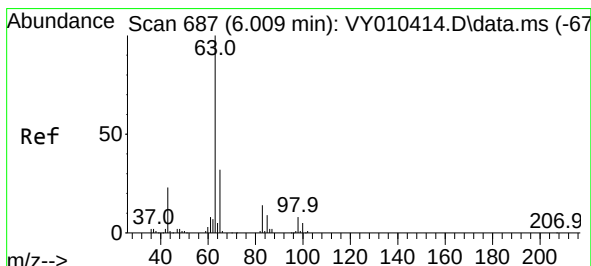
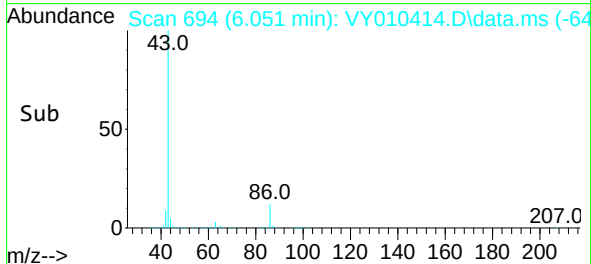
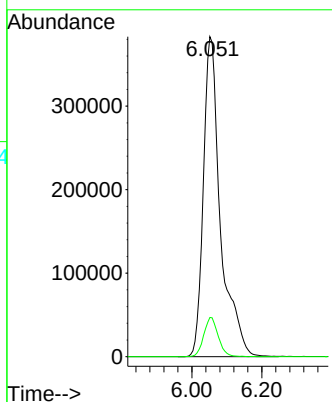
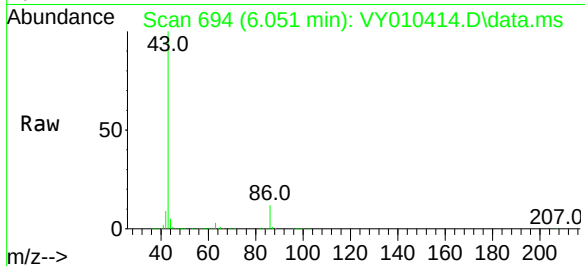




#23
 Vinyl Acetate
 Concen: 251.374 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY010414.D
 Acq: 09 Sep 2022 13:17

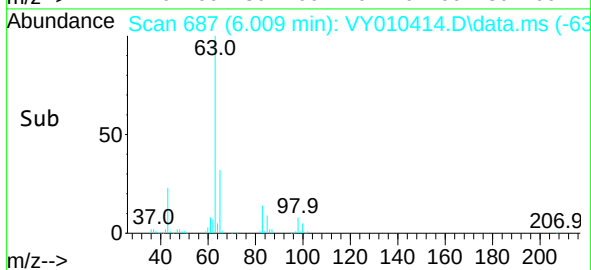
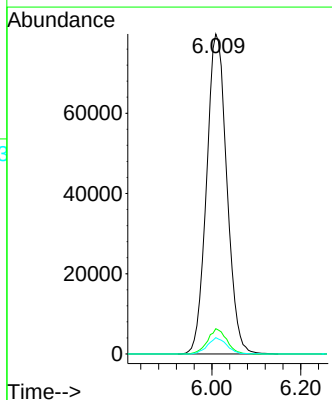
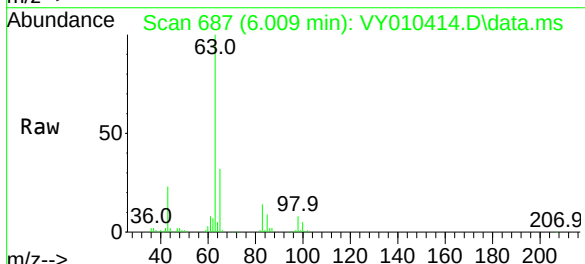
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

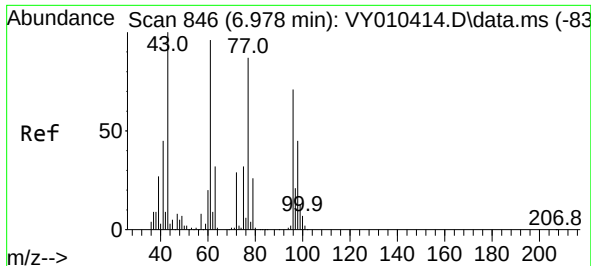
Tgt Ion: 43 Resp: 1304438
 Ion Ratio Lower Upper
 43 100
 86 12.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 49.331 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY010414.D
 Acq: 09 Sep 2022 13:17

Tgt Ion: 63 Resp: 252890
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 5.1 2.0 5.8





#25

2-Butanone

Concen: 236.703 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

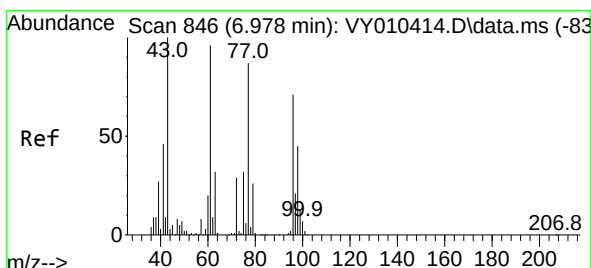
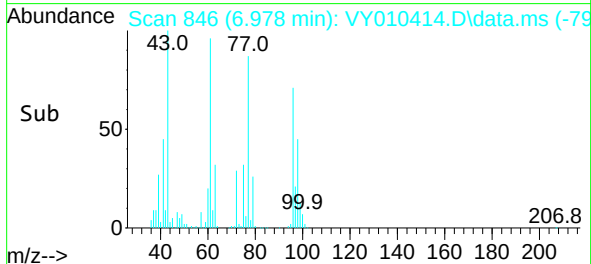
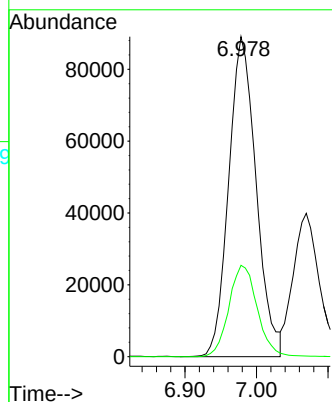
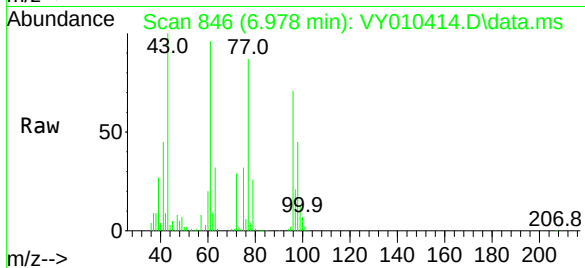
VSTDICCC050

Tgt Ion: 43 Resp: 237473

Ion Ratio Lower Upper

43 100

72 28.6 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 47.756 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010414.D

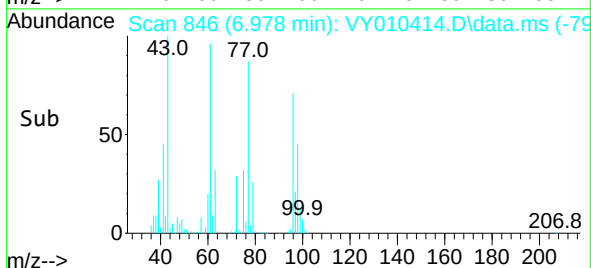
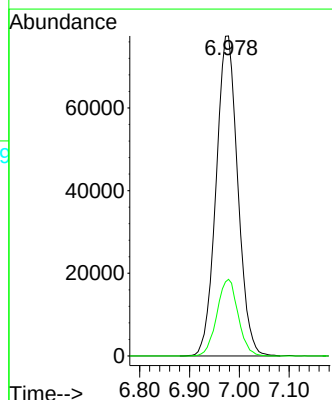
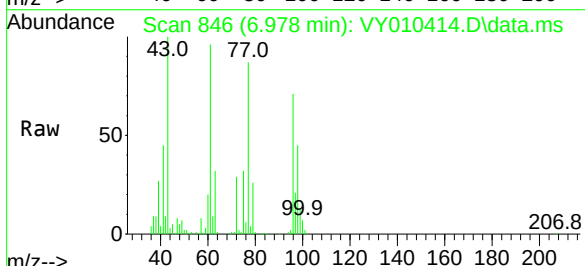
Acq: 09 Sep 2022 13:17

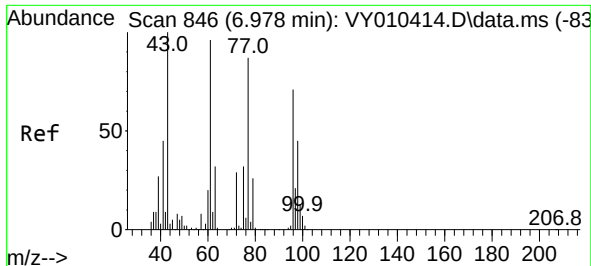
Tgt Ion: 77 Resp: 233613

Ion Ratio Lower Upper

77 100

97 23.4 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 49.151 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

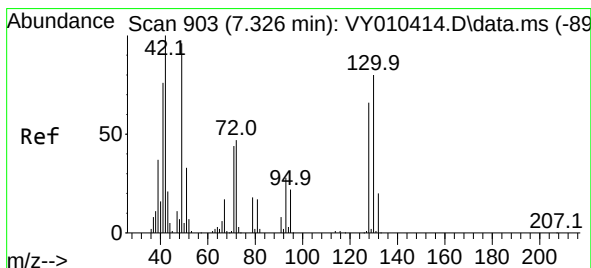
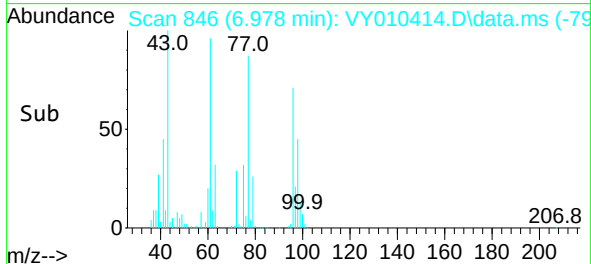
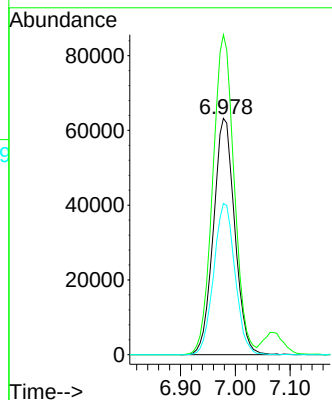
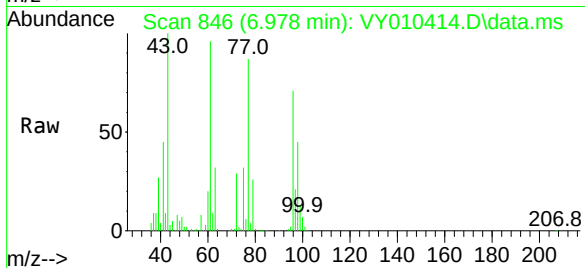
Tgt Ion: 96 Resp: 170867

Ion Ratio Lower Upper

96 100

61 136.2 0.0 319.8

98 64.1 0.0 127.0



#28

Bromochloromethane

Concen: 53.107 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

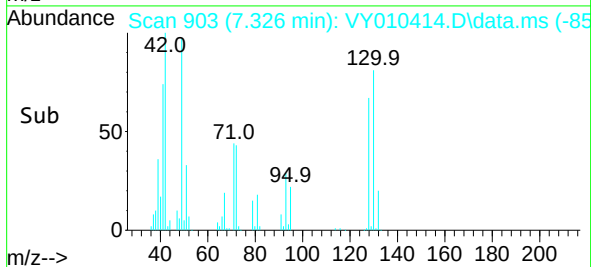
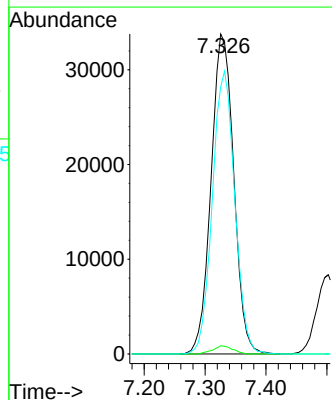
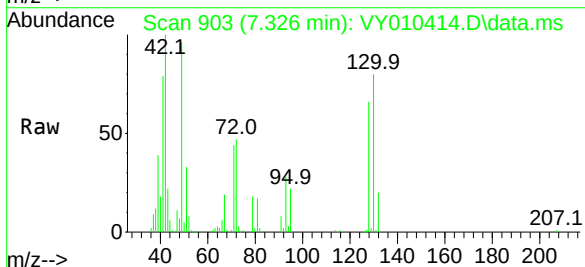
Tgt Ion: 49 Resp: 87287

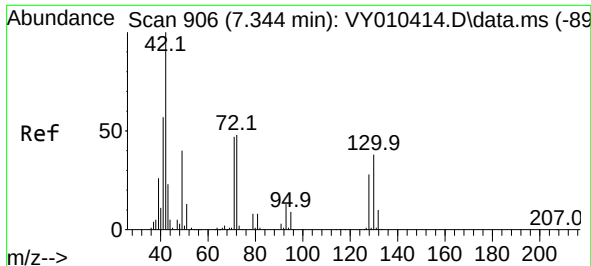
Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.2#

130 87.4 55.4 83.0#





#29

Tetrahydrofuran

Concen: 238.991 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

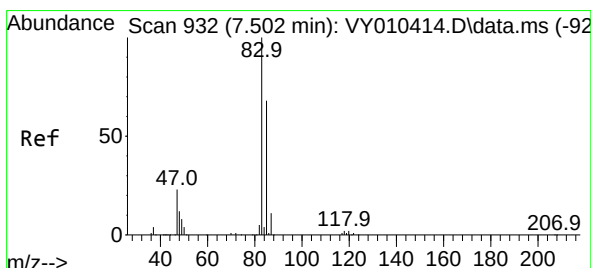
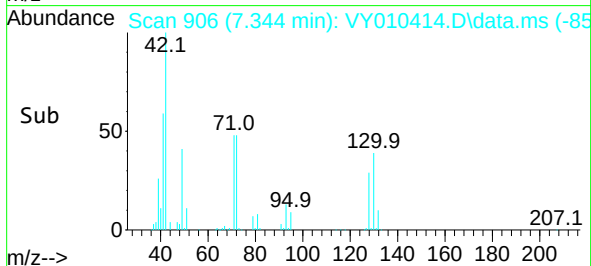
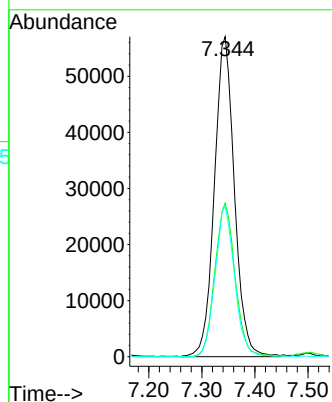
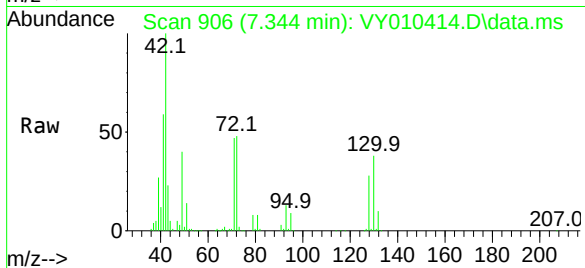
Tgt Ion: 42 Resp: 149644

Ion Ratio Lower Upper

42 100

72 48.5 30.3 45.5#

71 45.8 29.0 43.4#



#30

Chloroform

Concen: 49.250 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY010414.D

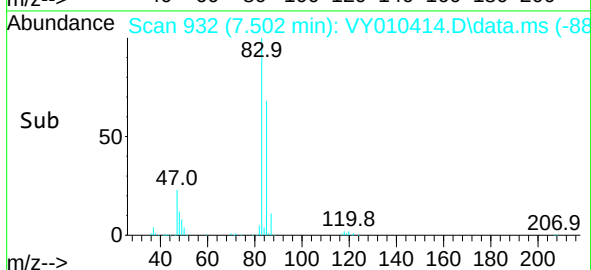
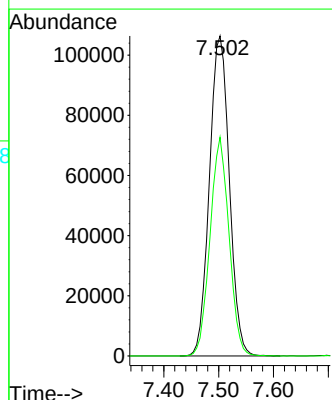
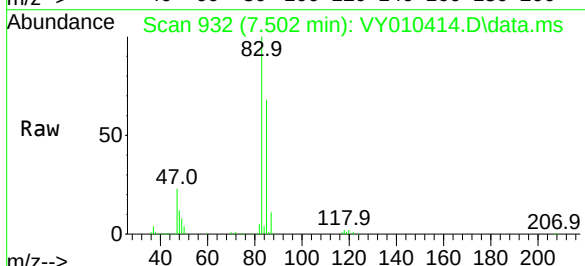
Acq: 09 Sep 2022 13:17

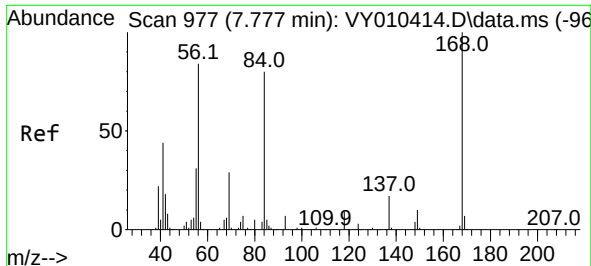
Tgt Ion: 83 Resp: 267808

Ion Ratio Lower Upper

83 100

85 68.4 51.8 77.6

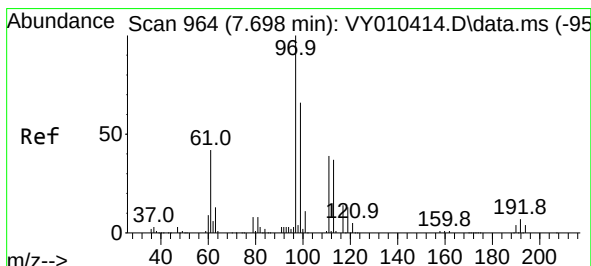
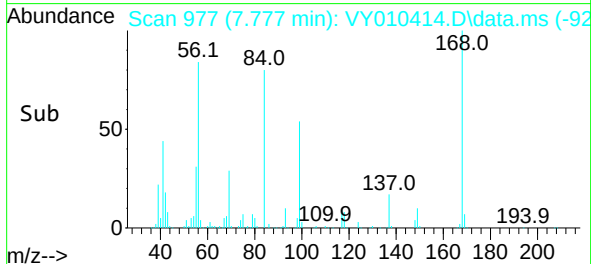
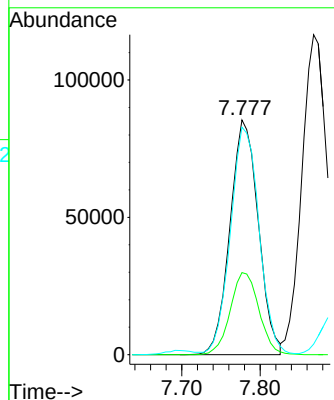
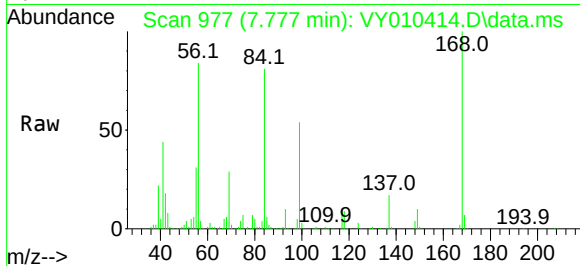




#31
Cyclohexane
Concen: 46.256 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

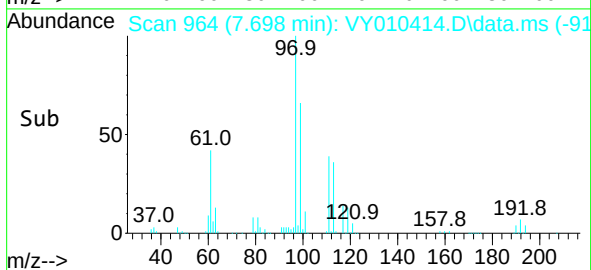
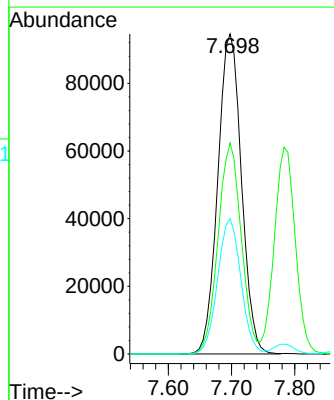
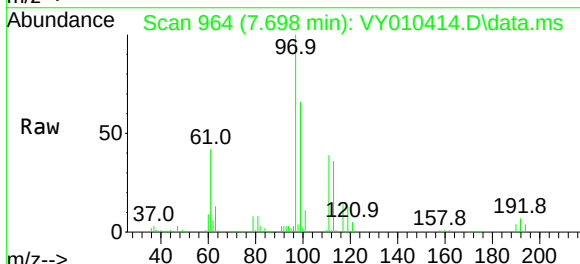
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

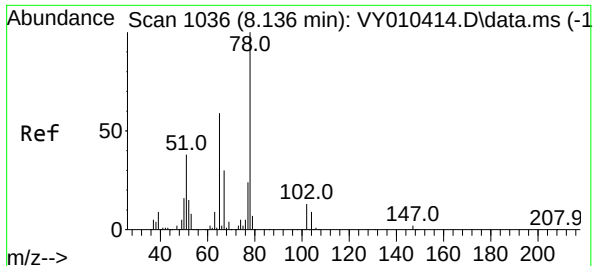
Tgt Ion: 56 Resp: 214958
Ion Ratio Lower Upper
56 100
69 34.9 26.7 40.1
84 95.1 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 49.821 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion: 97 Resp: 245308
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 41.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.318 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

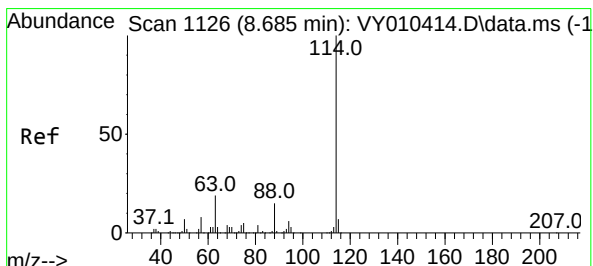
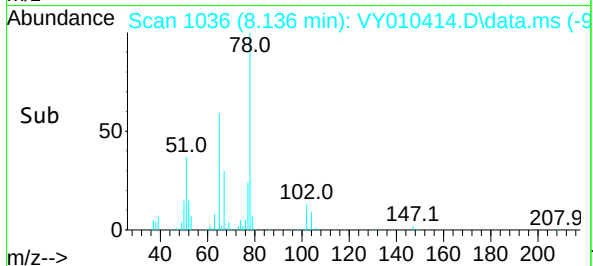
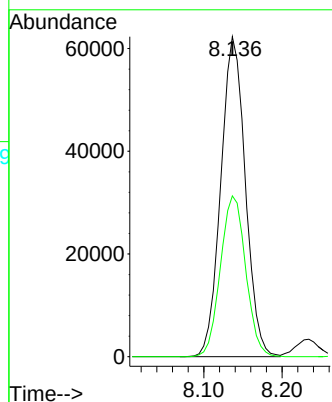
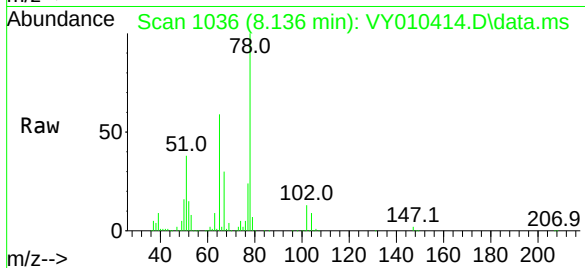
VSTDICCC050

Tgt Ion: 65 Resp: 135664

Ion Ratio Lower Upper

65 100

67 51.7 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: VY010414.D

Acq: 09 Sep 2022 13:17

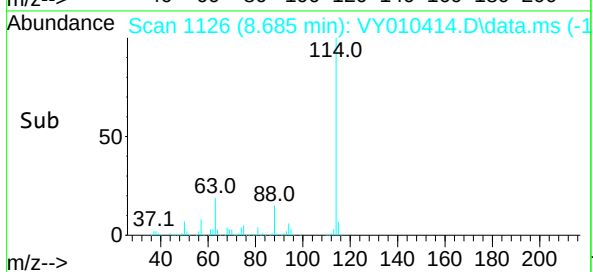
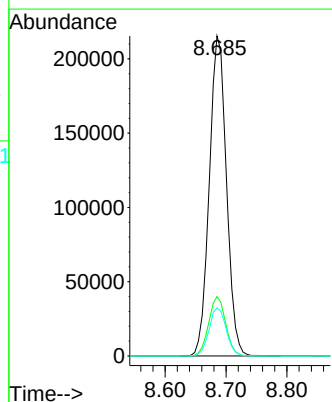
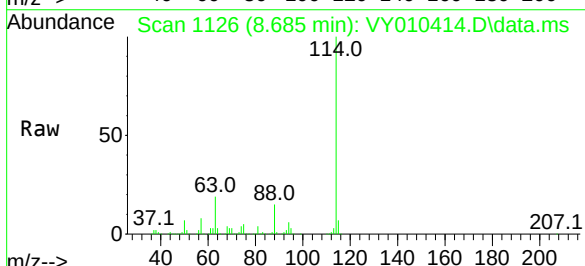
Tgt Ion: 114 Resp: 422181

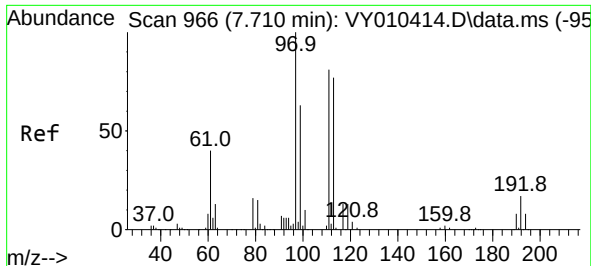
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.0 0.0 31.8

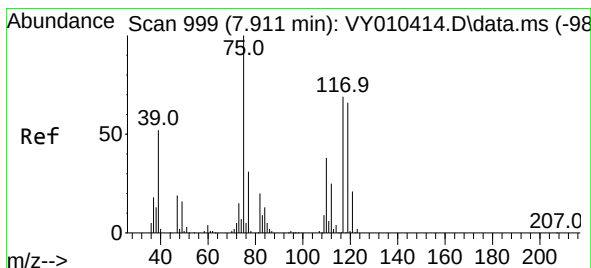
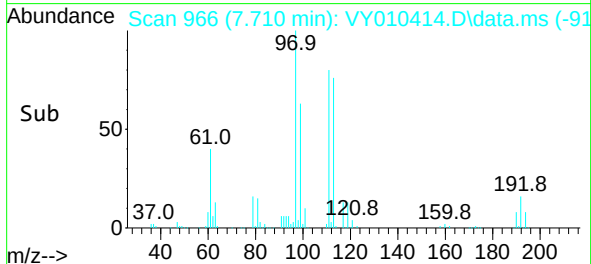
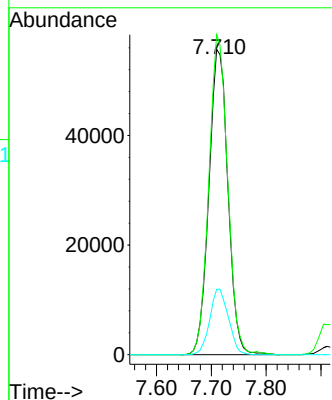
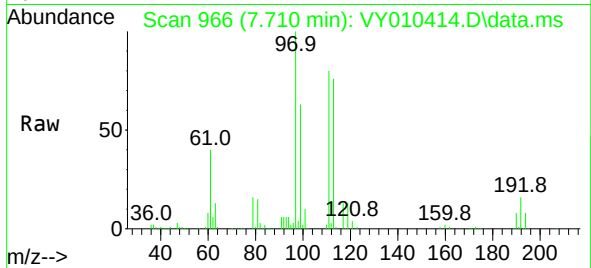




#35
Dibromofluoromethane
Concen: 44.773 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

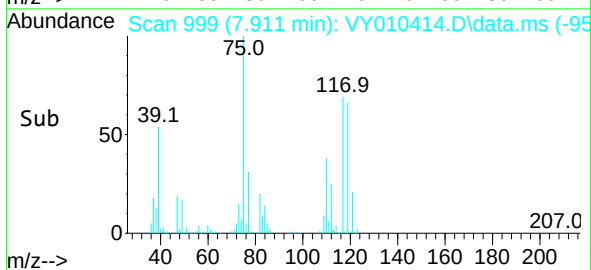
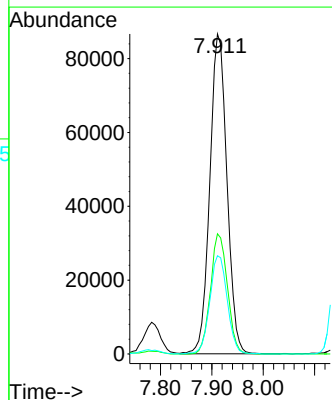
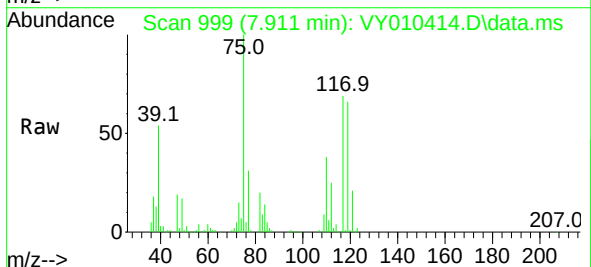
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

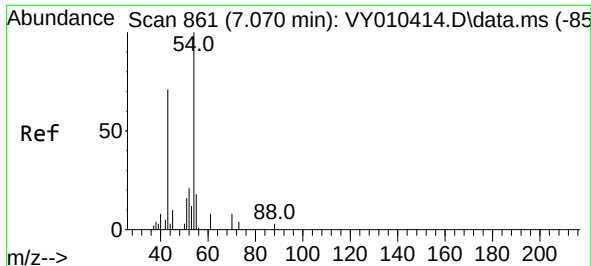
Tgt Ion:113 Resp: 134246
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 21.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 48.765 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion: 75 Resp: 200168
Ion Ratio Lower Upper
75 100
110 37.3 17.1 51.2
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 47.987 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

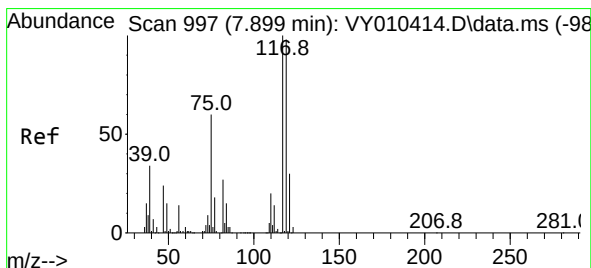
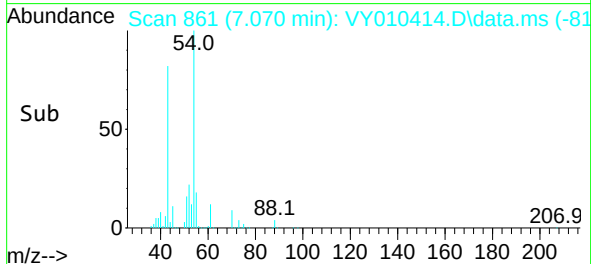
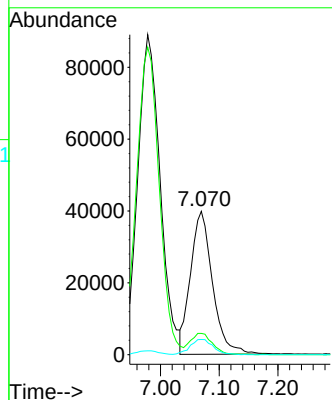
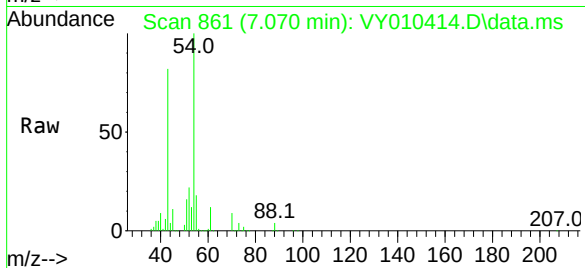
Tgt Ion: 43 Resp: 103549

Ion Ratio Lower Upper

43 100

61 15.1 9.7 14.5#

70 11.2 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 49.998 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

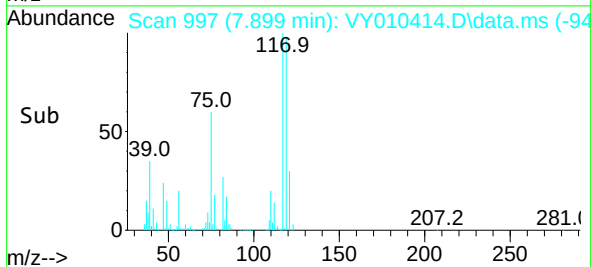
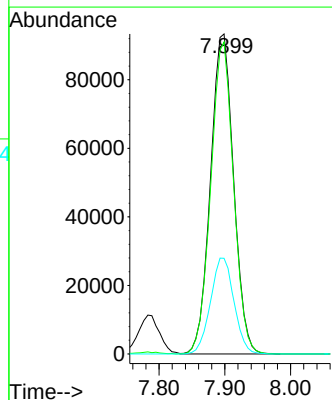
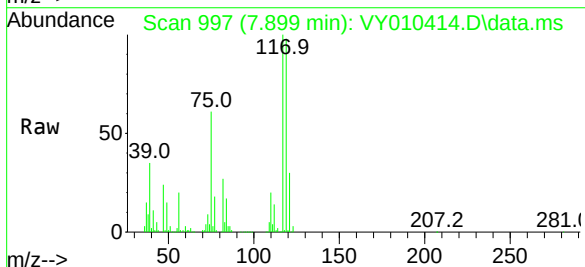
Tgt Ion: 117 Resp: 228325

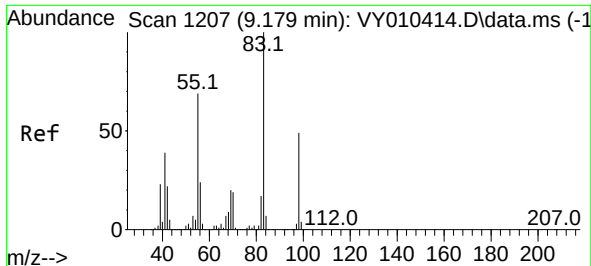
Ion Ratio Lower Upper

117 100

119 97.5 77.9 116.9

121 29.9 24.8 37.2





#39

Methylcyclohexane

Concen: 48.943 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

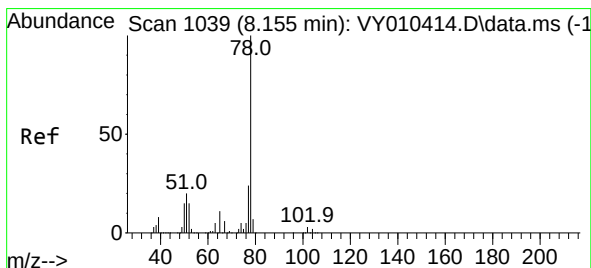
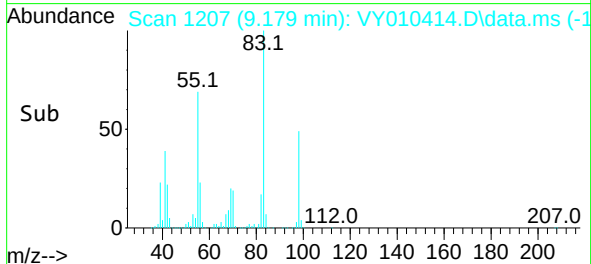
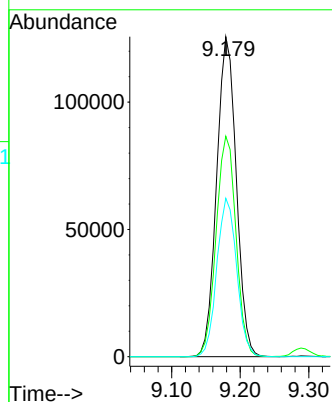
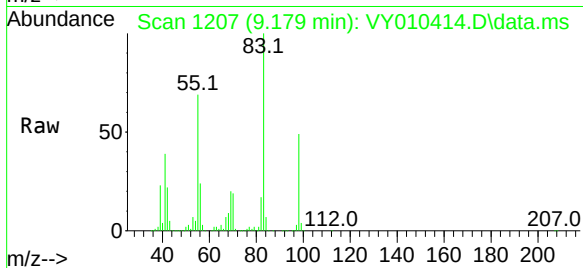
Tgt Ion: 83 Resp: 250500

Ion Ratio Lower Upper

83 100

55 68.9 66.5 99.7

98 49.5 37.9 56.9



#40

Benzene

Concen: 48.995 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY010414.D

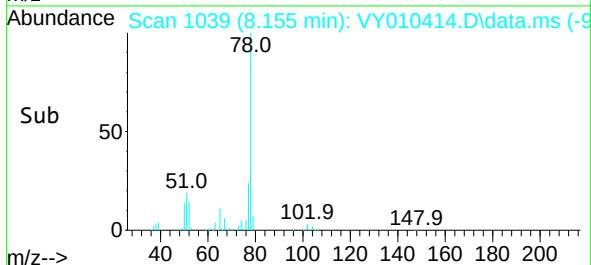
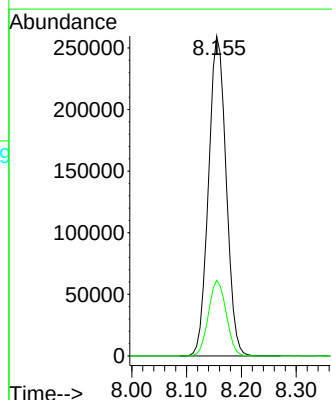
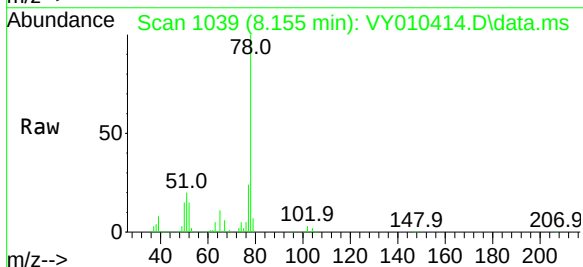
Acq: 09 Sep 2022 13:17

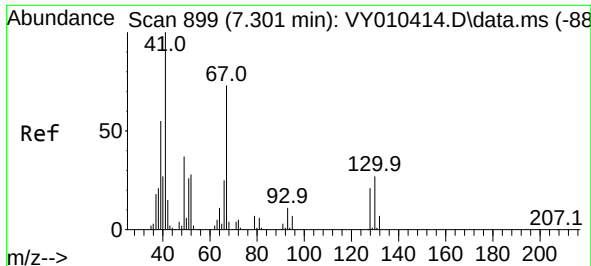
Tgt Ion: 78 Resp: 578949

Ion Ratio Lower Upper

78 100

77 23.7 20.4 30.6

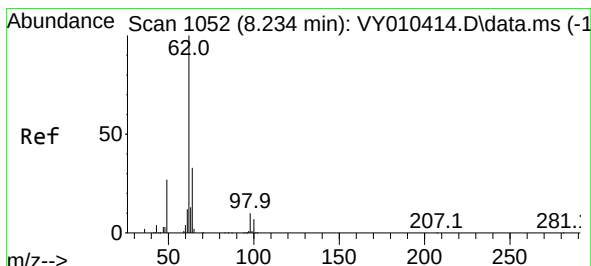
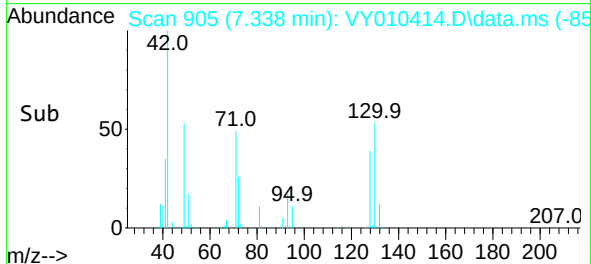
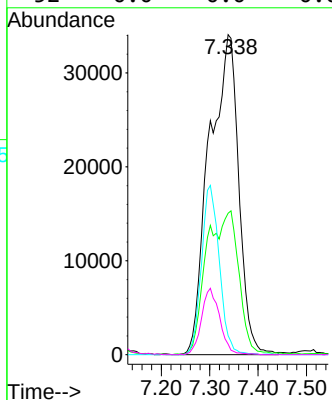
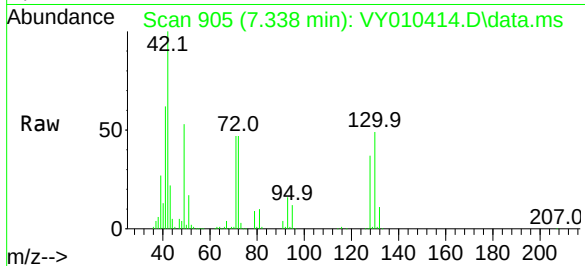




#41
Methacrylonitrile
Concen: 122.605 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

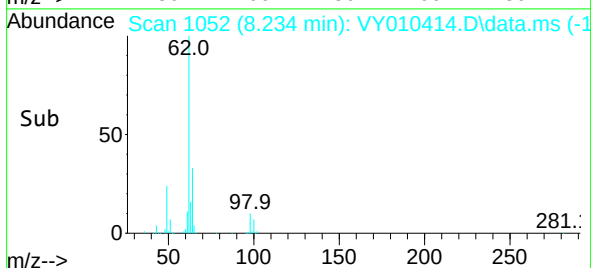
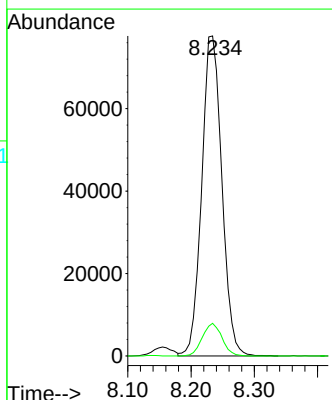
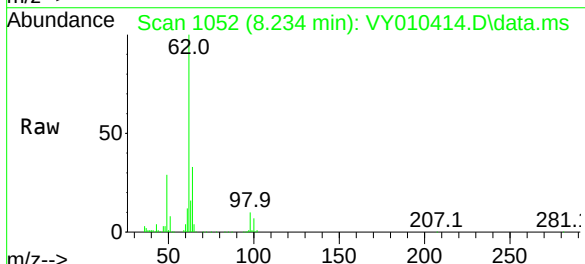
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

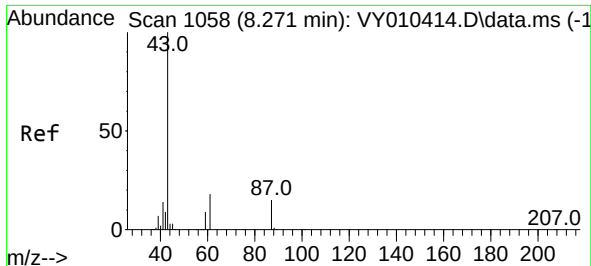
Tgt Ion: 41 Resp: 143497
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.019 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion: 62 Resp: 172245
Ion Ratio Lower Upper
62 100
98 9.9 0.0 14.8

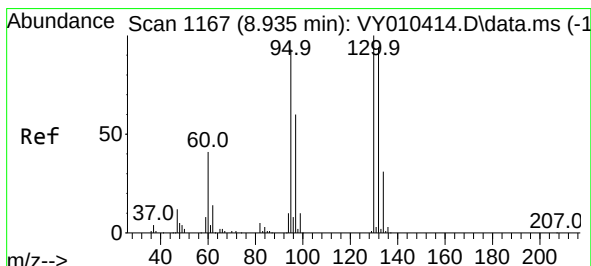
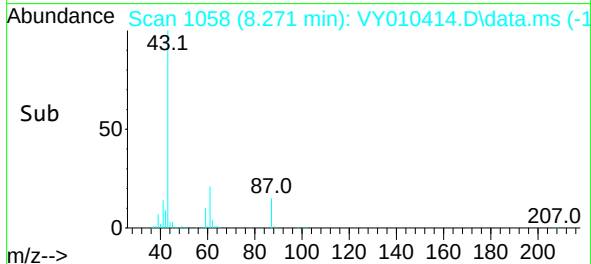
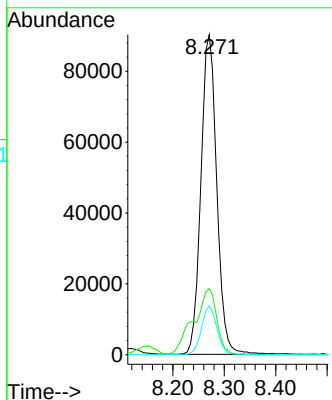
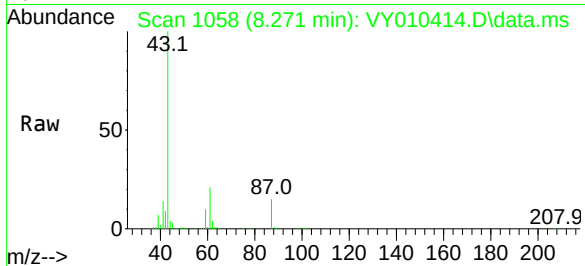




#43
Isopropyl Acetate
Concen: 48.927 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

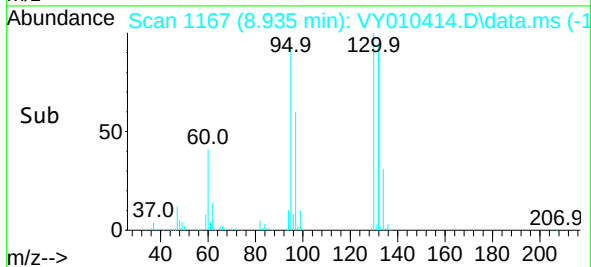
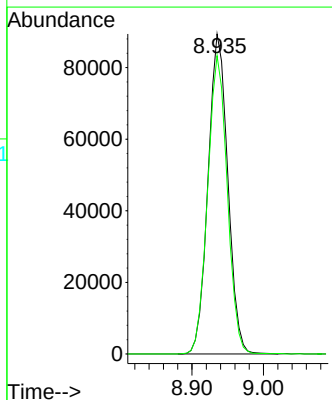
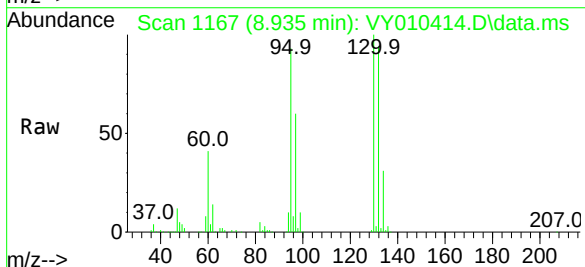
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

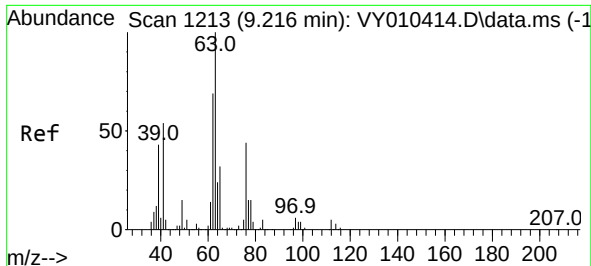
Tgt Ion: 43 Resp: 193211
Ion Ratio Lower Upper
43 100
61 30.1 20.2 30.2
87 14.9 8.9 13.3#



#44
Trichloroethene
Concen: 49.285 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion:130 Resp: 171427
Ion Ratio Lower Upper
130 100
95 93.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 49.293 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

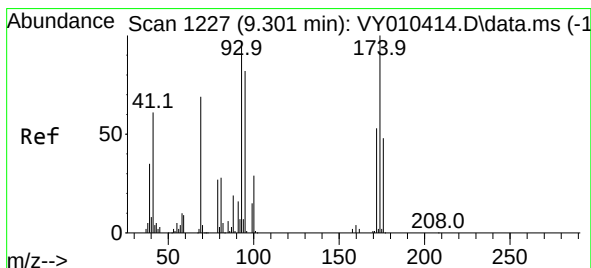
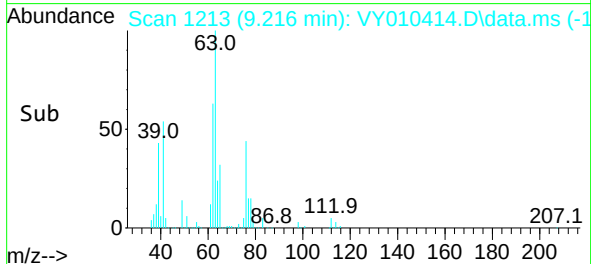
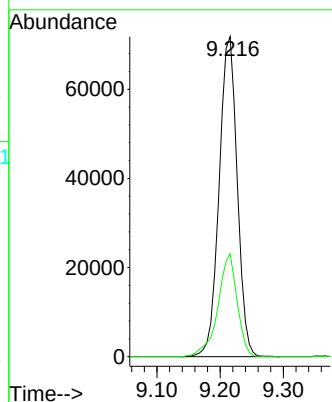
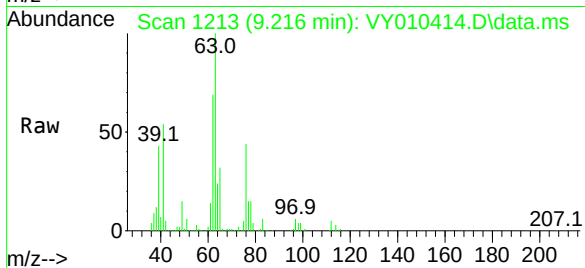
VSTDICCC050

Tgt Ion: 63 Resp: 142054

Ion Ratio Lower Upper

63 100

65 32.2 23.0 34.6



#46

Dibromomethane

Concen: 48.932 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

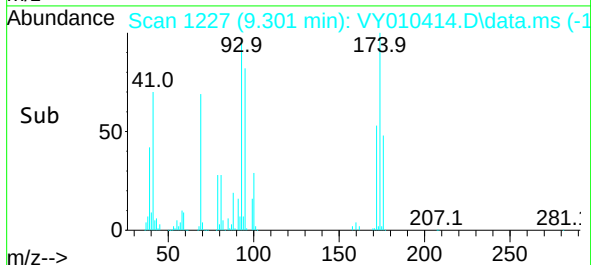
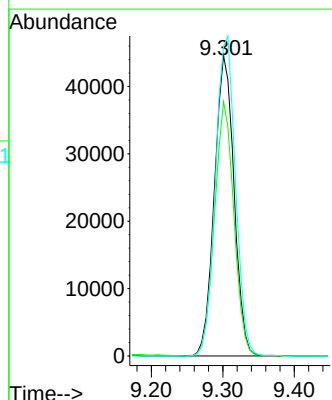
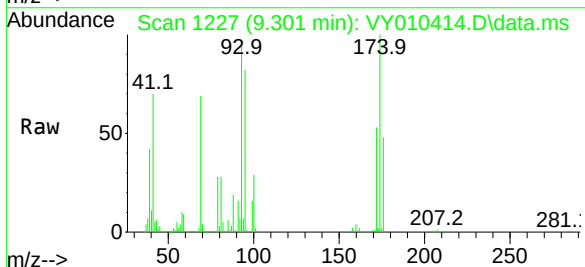
Tgt Ion: 93 Resp: 85039

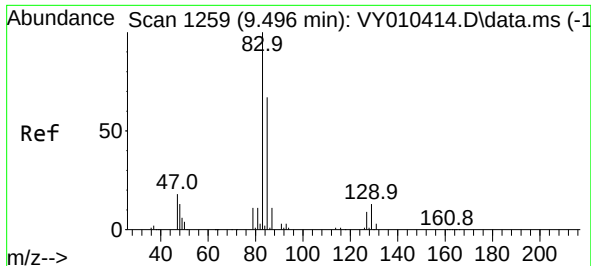
Ion Ratio Lower Upper

93 100

95 83.4 64.3 96.5

174 108.4 83.4 125.0

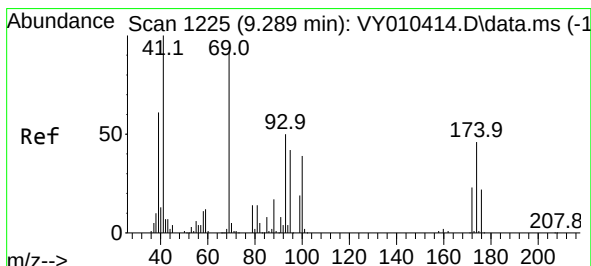
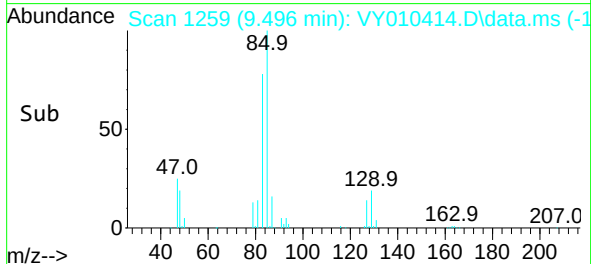
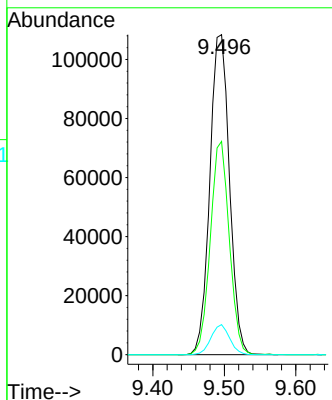
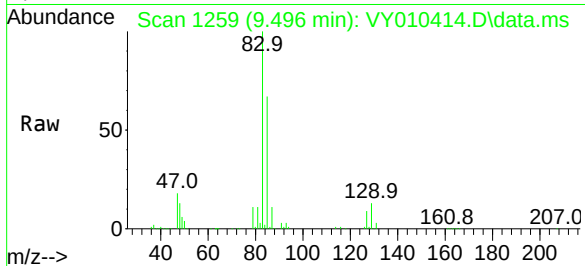




#47
Bromodichloromethane
Concen: 50.076 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

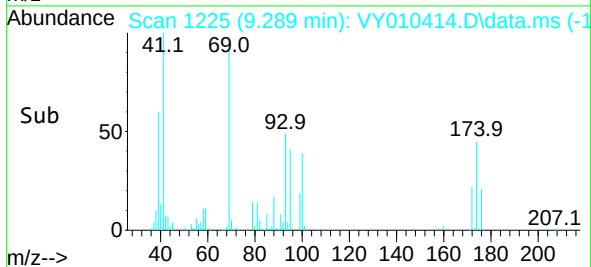
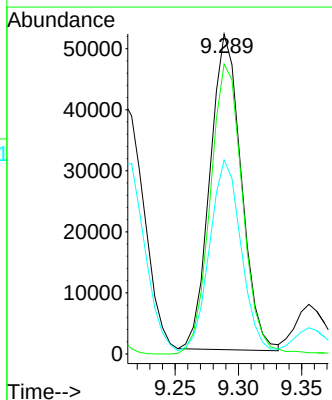
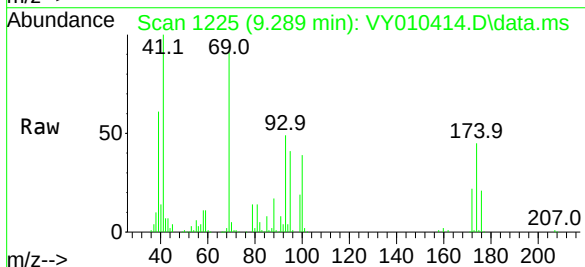
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

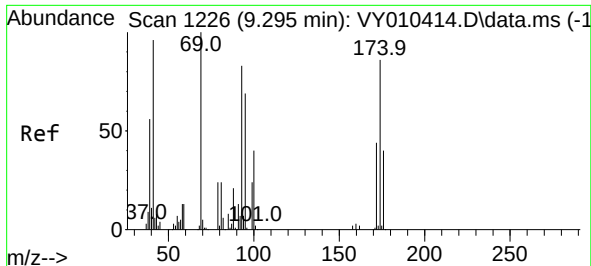
Tgt Ion: 83 Resp: 206708
Ion Ratio Lower Upper
83 100
85 66.6 51.9 77.9
127 9.4 6.6 10.0



#48
Methyl methacrylate
Concen: 50.186 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion: 41 Resp: 89009
Ion Ratio Lower Upper
41 100
69 94.9 58.2 87.2#
39 60.6 47.4 71.0





#49

1,4-Dioxane

Concen: 1023.202 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

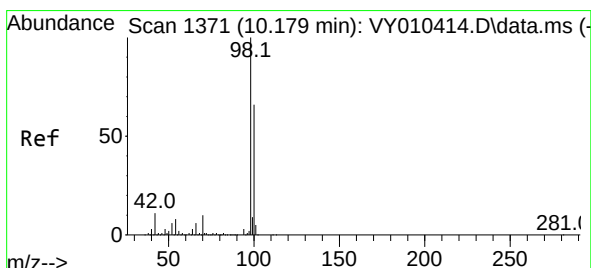
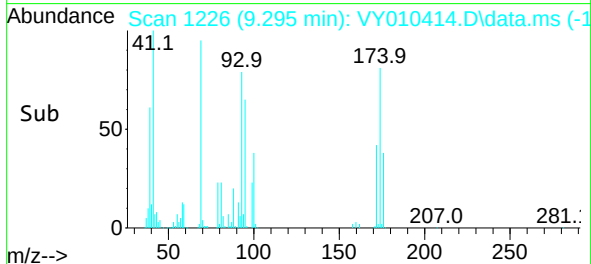
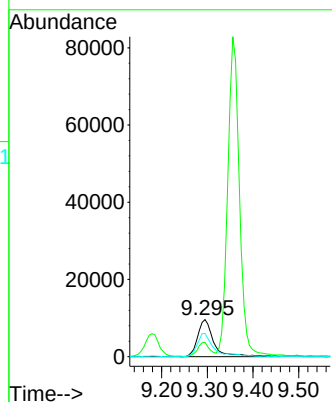
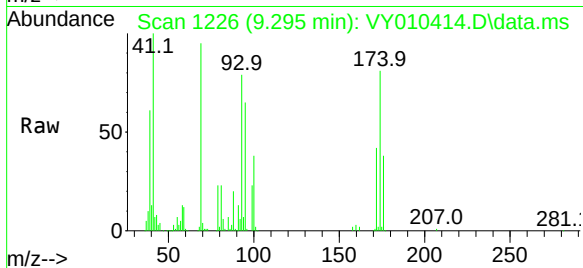
Tgt Ion: 88 Resp: 23539

Ion Ratio Lower Upper

88 100

43 28.4 32.8 49.2#

58 56.7 59.8 89.6#



#50

Toluene-d8

Concen: 51.941 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY010414.D

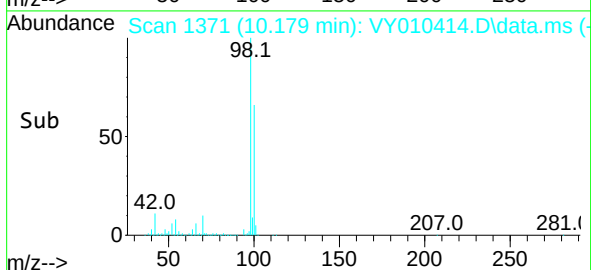
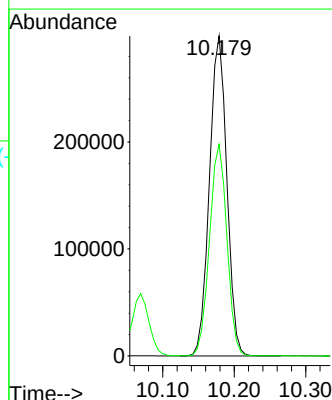
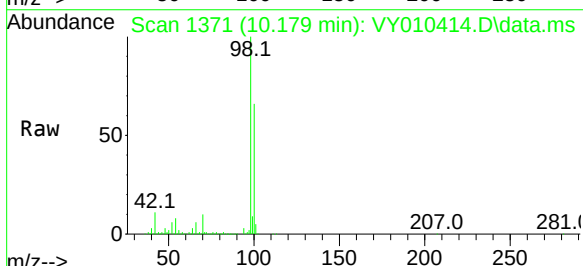
Acq: 09 Sep 2022 13:17

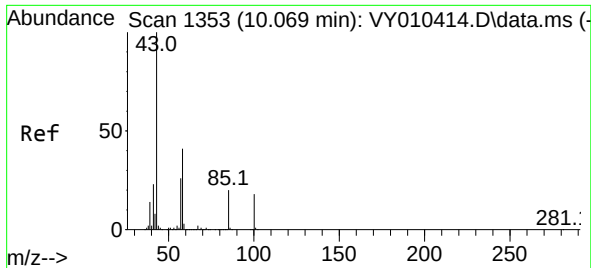
Tgt Ion: 98 Resp: 504739

Ion Ratio Lower Upper

98 100

100 66.1 50.2 75.2

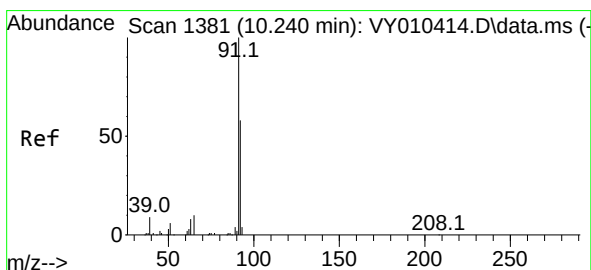
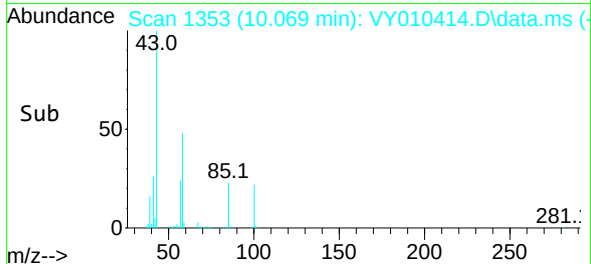
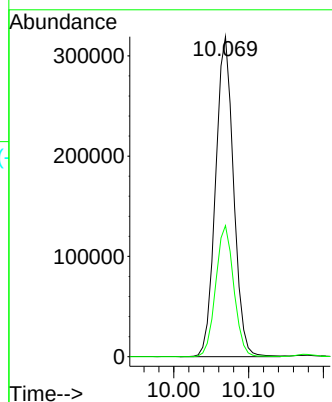
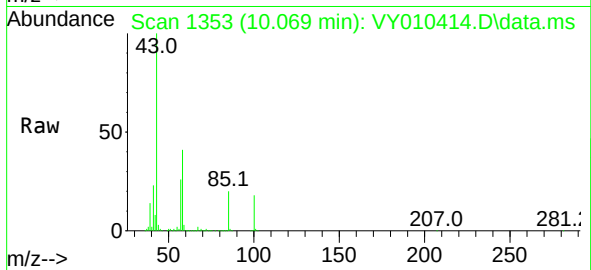




#51
4-Methyl-2-Pentanone
Concen: 246.387 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

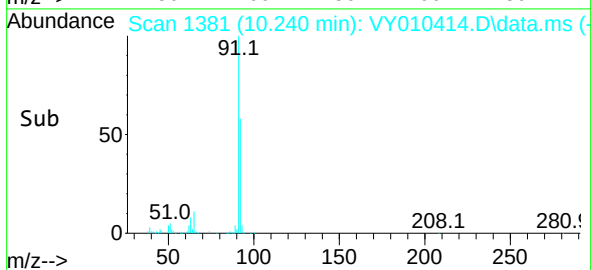
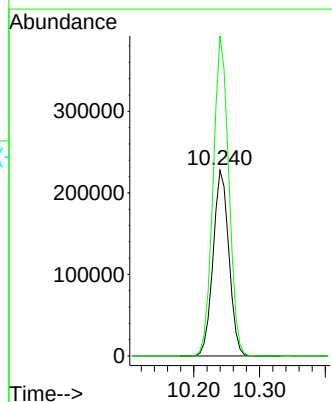
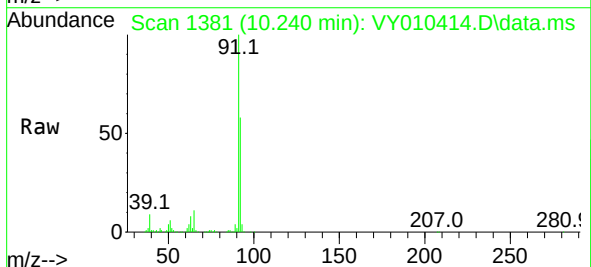
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

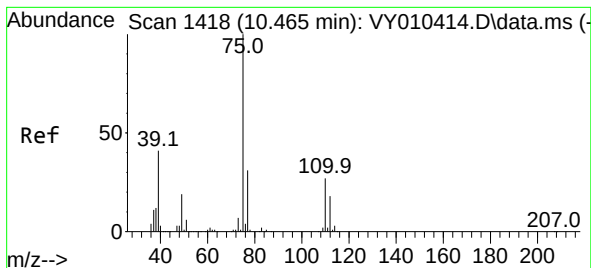
Tgt Ion: 43 Resp: 533693
Ion Ratio Lower Upper
43 100
58 41.2 28.1 42.1



#52
Toluene
Concen: 49.116 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion: 92 Resp: 379792
Ion Ratio Lower Upper
92 100
91 171.5 142.6 213.8

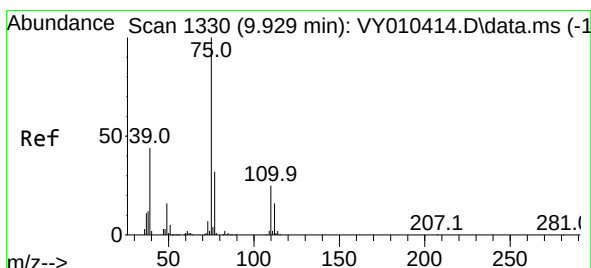
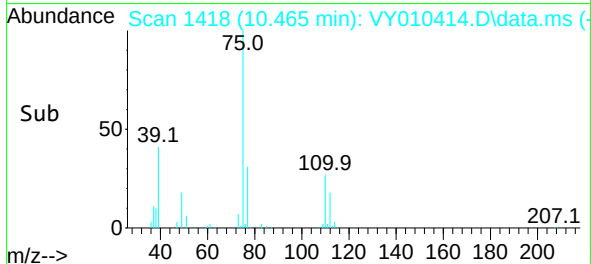
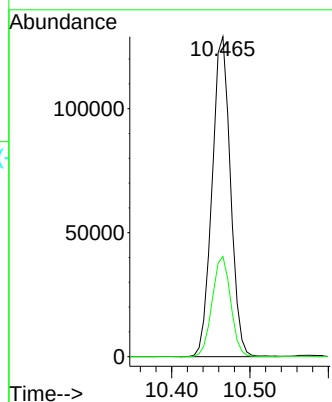
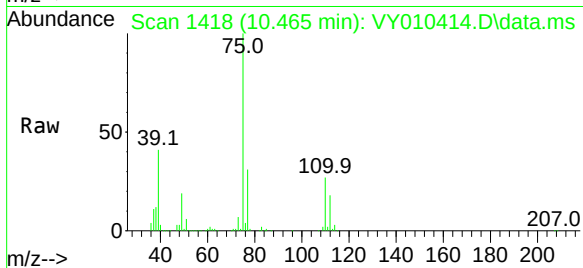




#53
 t-1,3-Dichloropropene
 Concen: 49.505 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY010414.D
 Acq: 09 Sep 2022 13:17

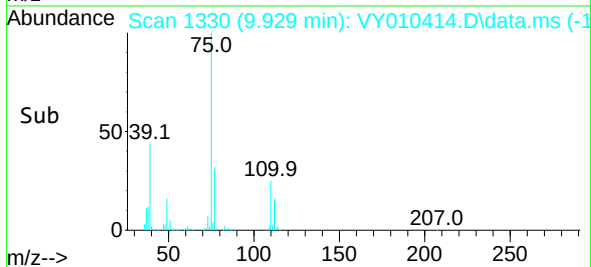
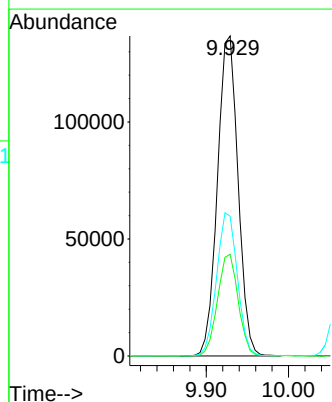
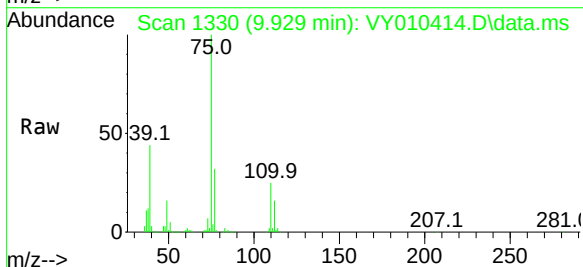
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

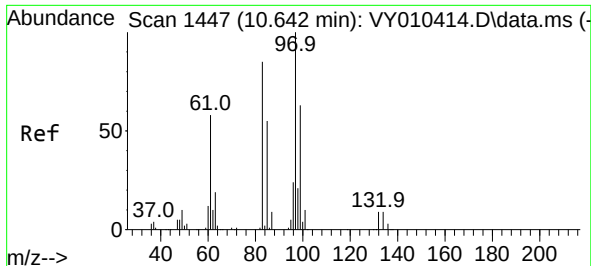
Tgt Ion: 75 Resp: 210303
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 49.801 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY010414.D
 Acq: 09 Sep 2022 13:17

Tgt Ion: 75 Resp: 238619
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.6 38.4
 39 43.6 47.6 71.4#

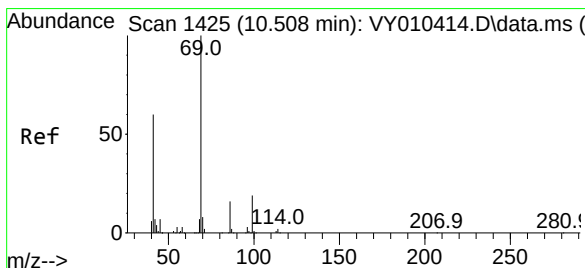
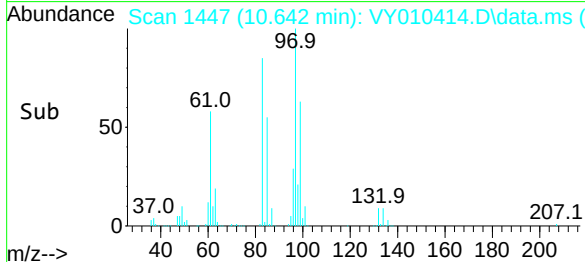
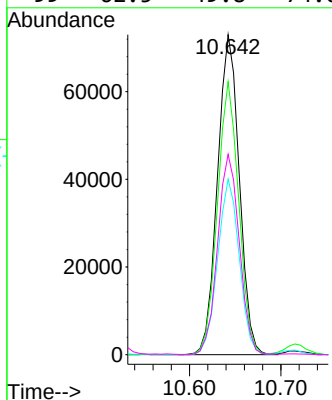
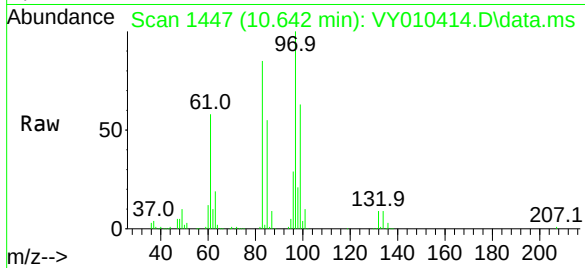




#55
1,1,2-Trichloroethane
Concen: 49.028 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

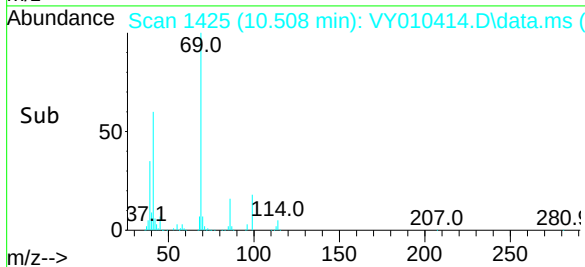
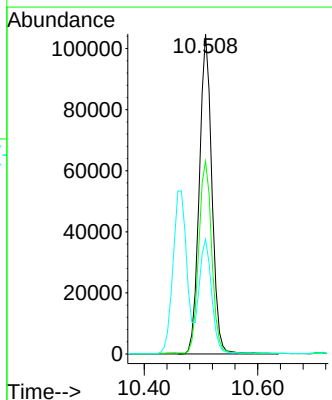
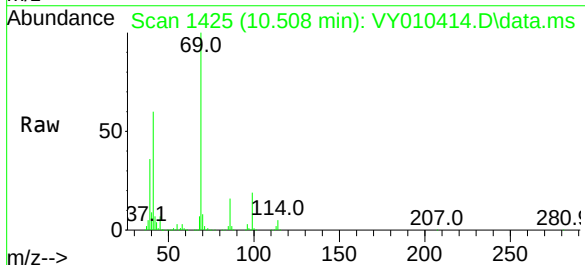
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

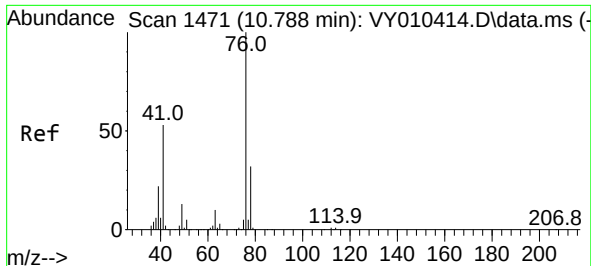
Tgt Ion:	97	Resp:	121203
Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.8	104.8
85	54.9	44.3	66.5
99	62.5	49.8	74.6



#56
Ethyl methacrylate
Concen: 49.644 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion:	69	Resp:	161174
Ion	Ratio	Lower	Upper
69	100		
41	61.5	63.4	95.0#
39	34.0	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 49.226 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

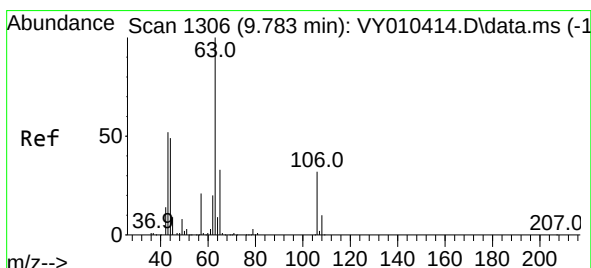
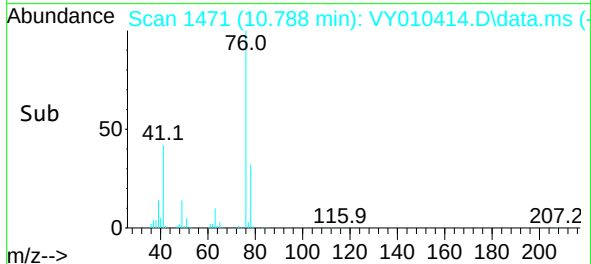
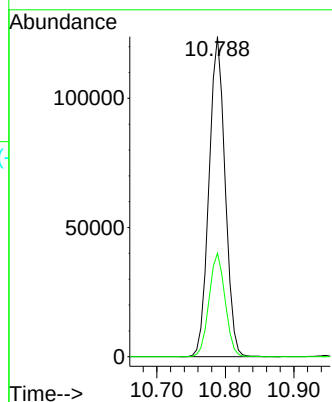
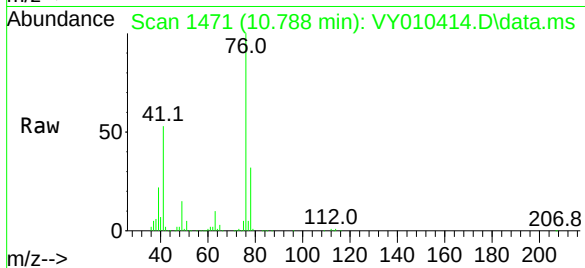
VSTDICCC050

Tgt Ion: 76 Resp: 202348

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 179.254 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY010414.D

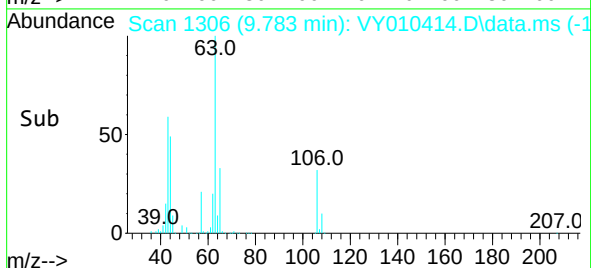
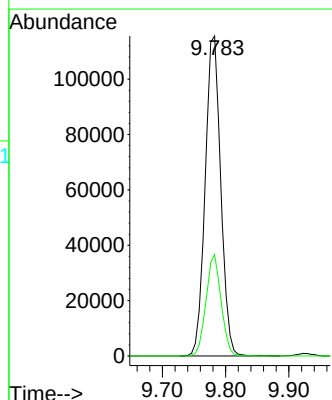
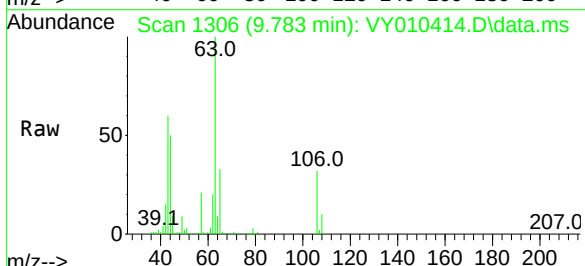
Acq: 09 Sep 2022 13:17

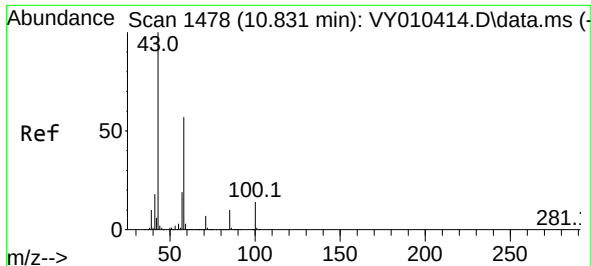
Tgt Ion: 63 Resp: 197978

Ion Ratio Lower Upper

63 100

106 30.7 21.5 32.3

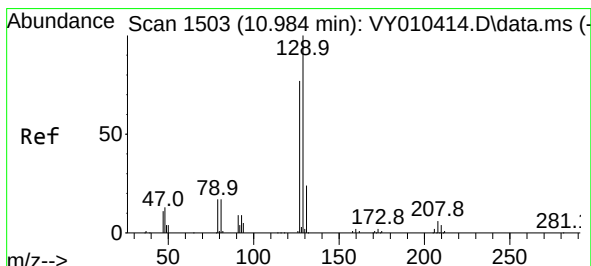
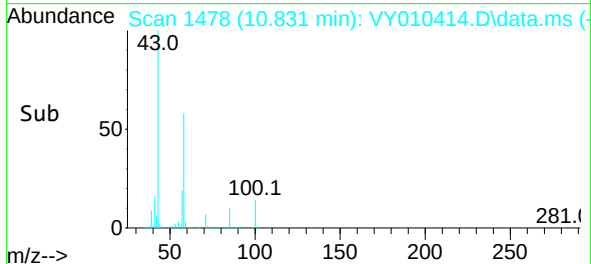
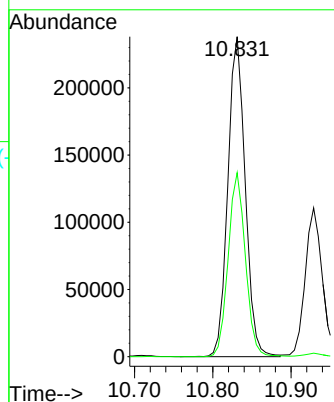
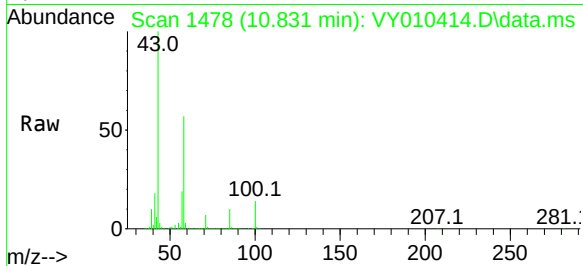




#59
2-Hexanone
Concen: 248.600 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

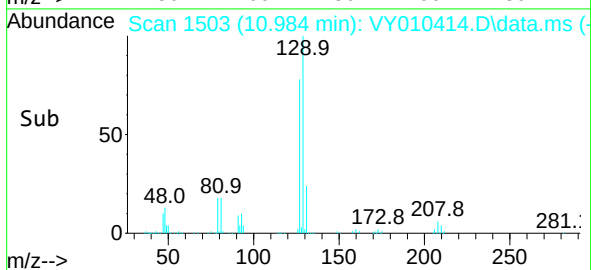
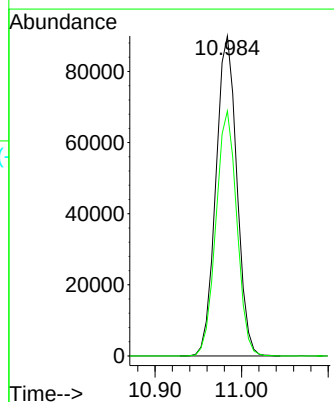
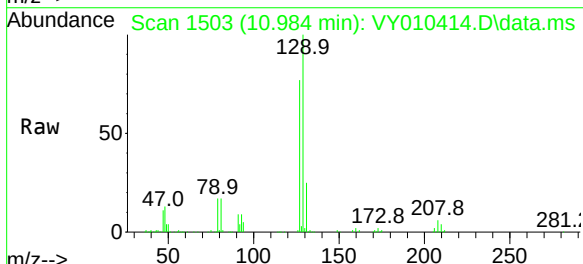
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

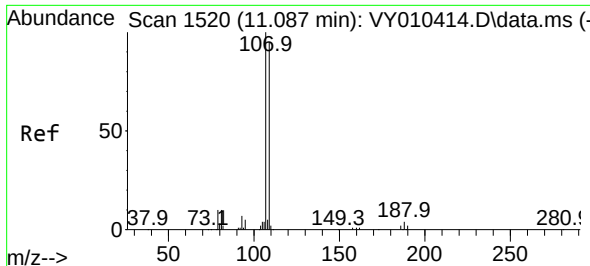
Tgt Ion: 43 Resp: 367063
Ion Ratio Lower Upper
43 100
58 57.0 24.4 73.4



#60
Dibromochloromethane
Concen: 50.051 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion: 129 Resp: 151203
Ion Ratio Lower Upper
129 100
127 76.3 38.7 116.1

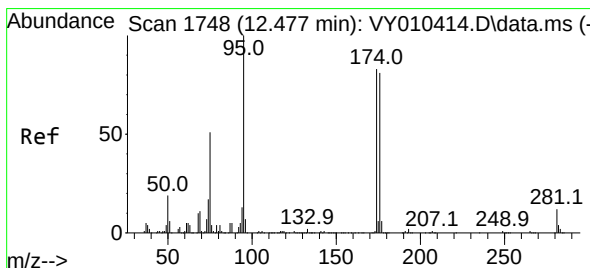
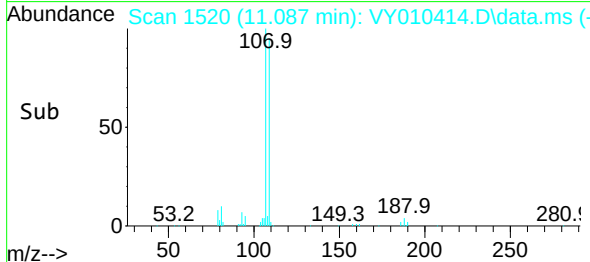
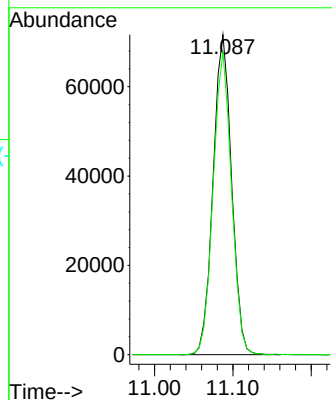
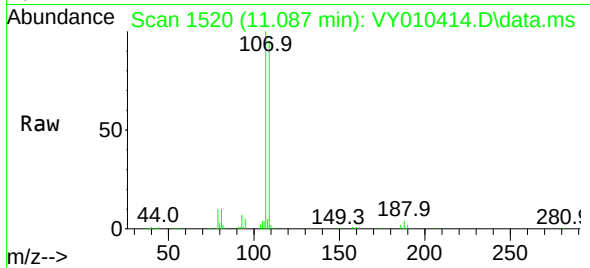




#61
1,2-Dibromoethane
Concen: 48.912 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

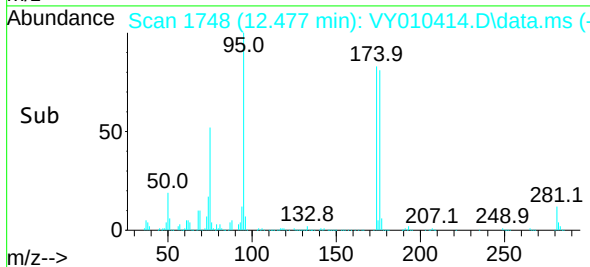
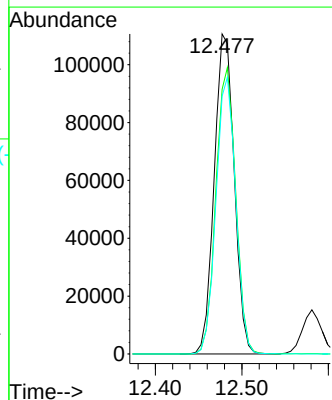
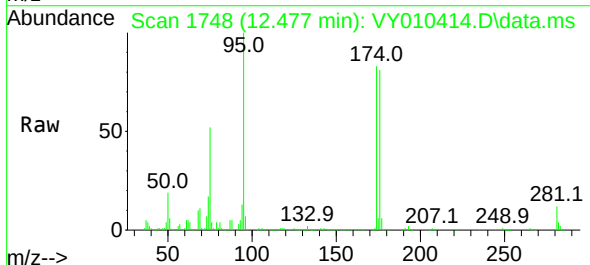
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

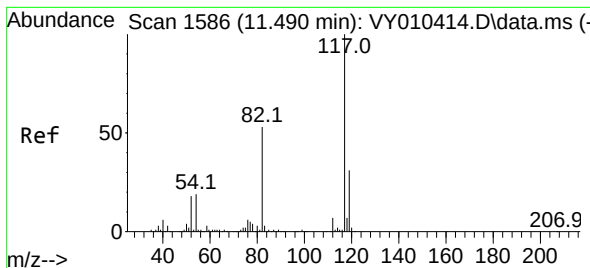
Tgt Ion:107 Resp: 117378
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 39.779 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion: 95 Resp: 177385
Ion Ratio Lower Upper
95 100
174 88.6 0.0 177.0
176 85.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

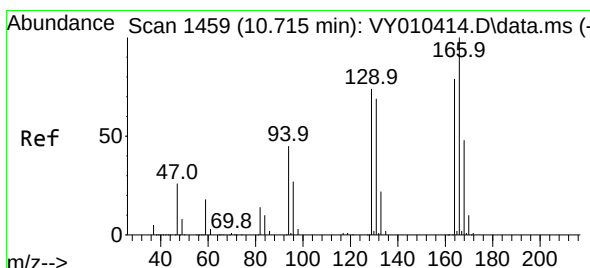
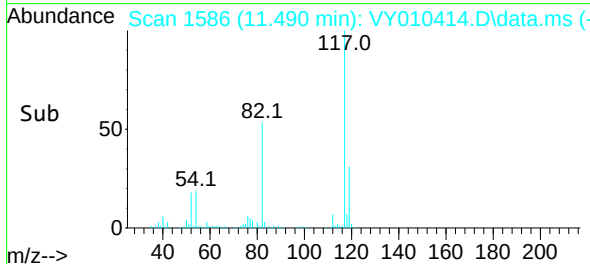
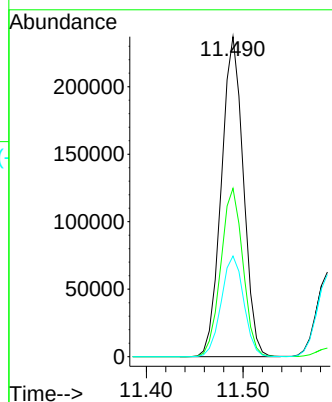
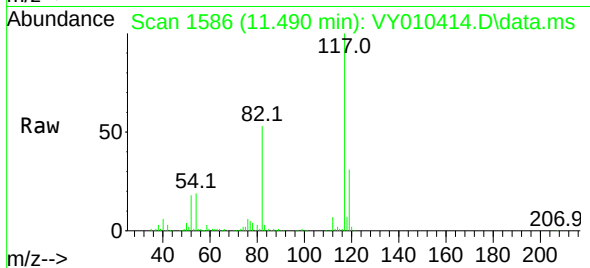
Tgt Ion:117 Resp: 374015

Ion Ratio Lower Upper

117 100

82 52.6 43.0 64.4

119 31.5 25.4 38.0



#64

Tetrachloroethene

Concen: 49.645 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Tgt Ion:164 Resp: 167361

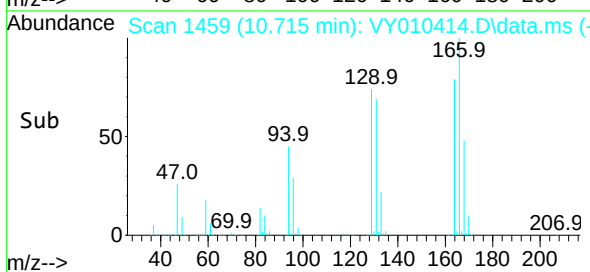
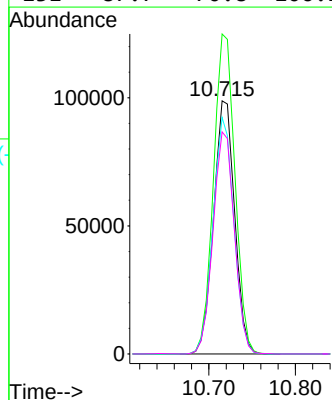
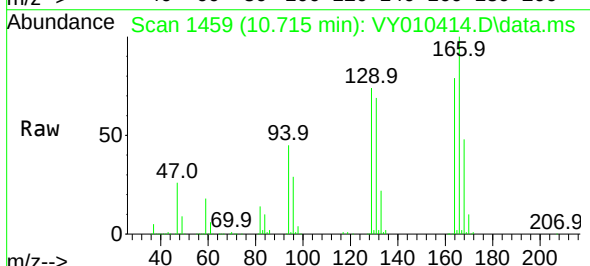
Ion Ratio Lower Upper

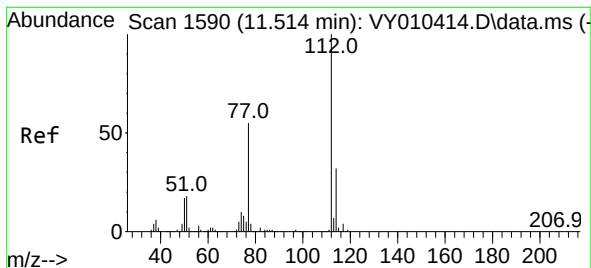
164 100

166 126.4 100.4 150.6

129 93.4 71.4 107.0

131 87.7 70.8 106.2





#65

Chlorobenzene

Concen: 49.537 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

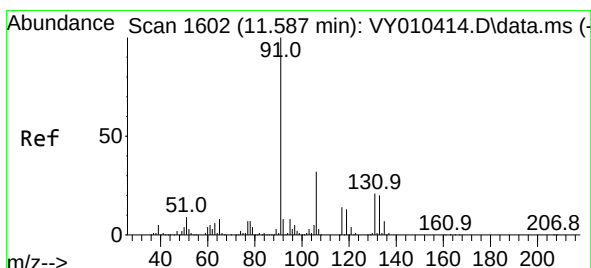
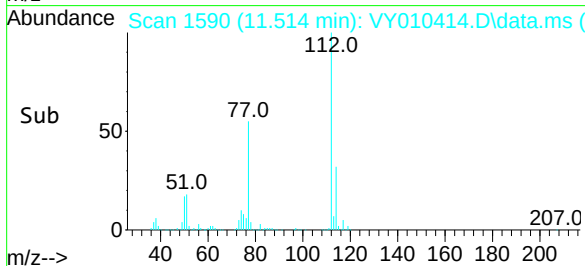
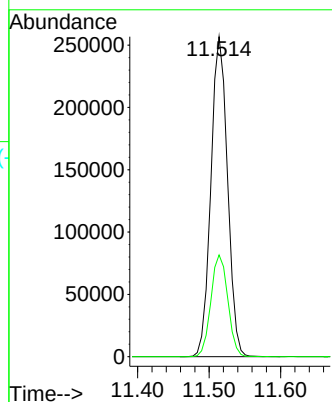
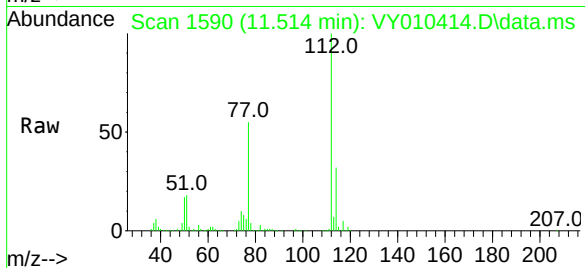
VSTDICCC050

Tgt Ion:112 Resp: 414334

Ion Ratio Lower Upper

112 100

114 31.8 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.037 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

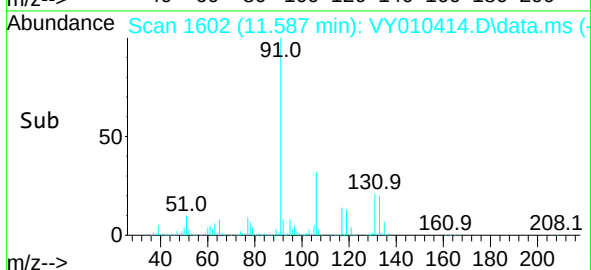
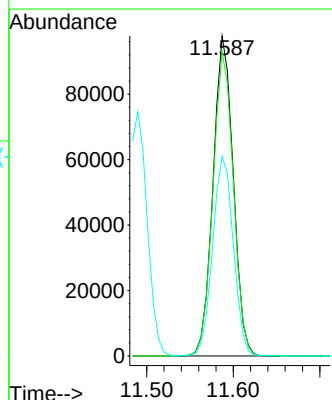
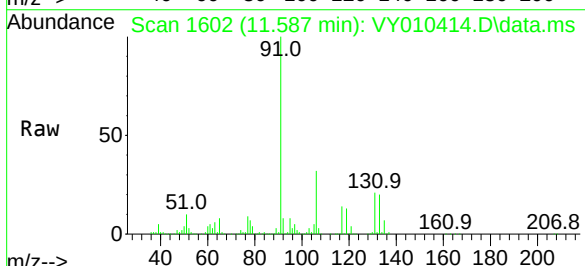
Tgt Ion:131 Resp: 158106

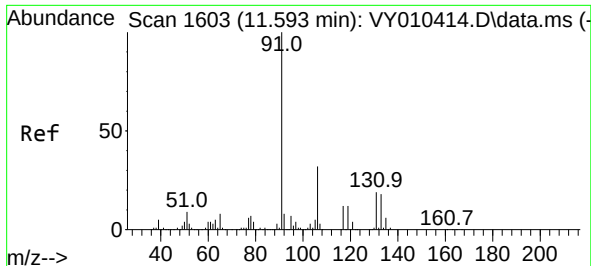
Ion Ratio Lower Upper

131 100

133 96.1 47.9 143.6

119 64.1 30.8 92.3





#67

Ethyl Benzene

Concen: 50.169 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

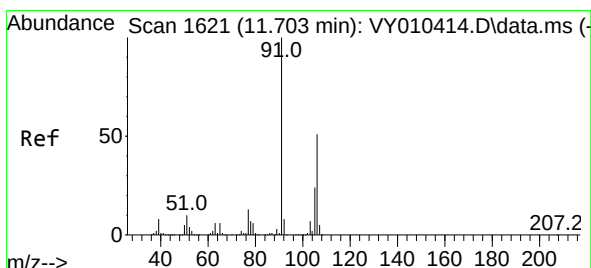
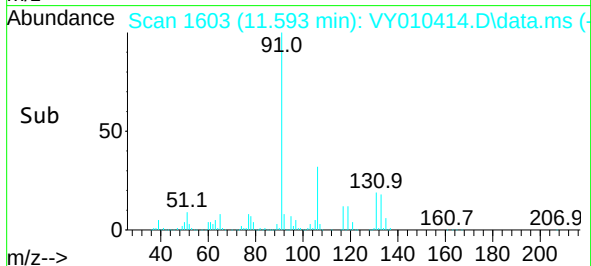
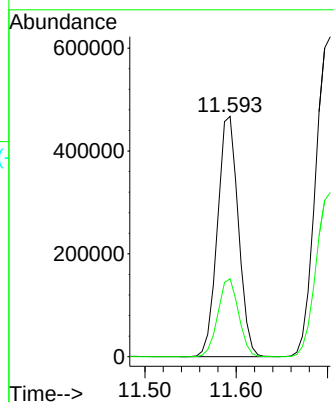
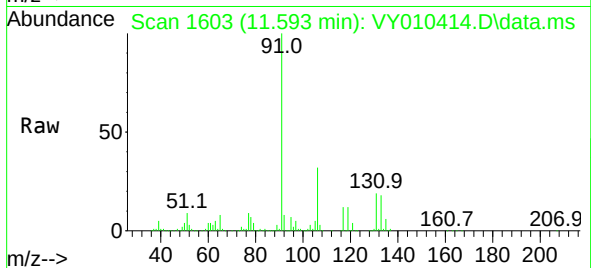
VSTDICCC050

Tgt Ion: 91 Resp: 742684

Ion Ratio Lower Upper

91 100

106 32.4 24.5 36.7



#68

m/p-Xylenes

Concen: 100.516 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY010414.D

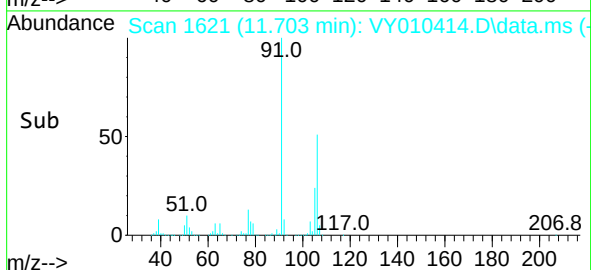
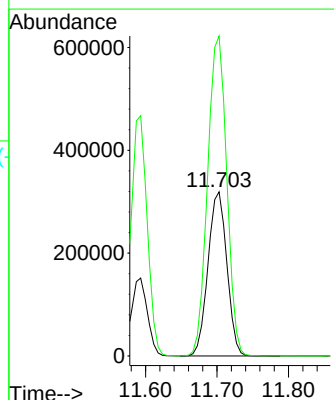
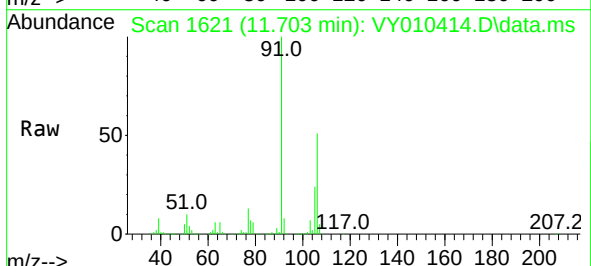
Acq: 09 Sep 2022 13:17

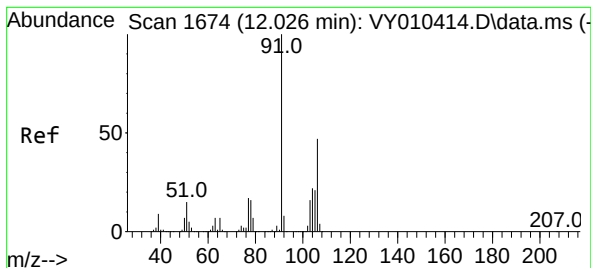
Tgt Ion: 106 Resp: 584166

Ion Ratio Lower Upper

106 100

91 197.9 166.6 249.8





#69

o-Xylene

Concen: 50.085 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

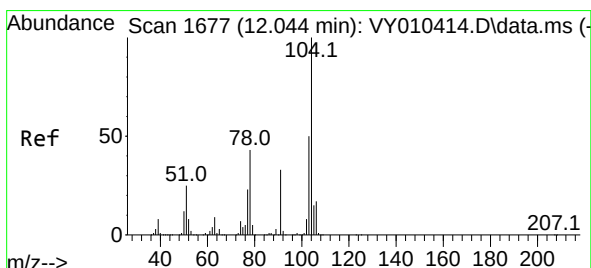
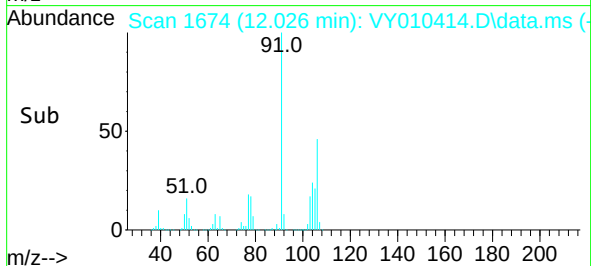
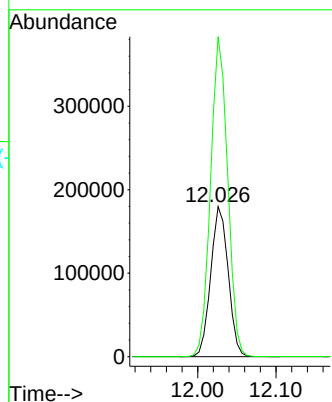
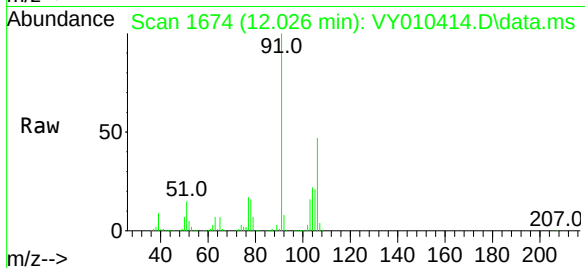
VSTDICCC050

Tgt Ion:106 Resp: 277937

Ion Ratio Lower Upper

106 100

91 209.3 110.3 331.0



#70

Styrene

Concen: 50.196 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

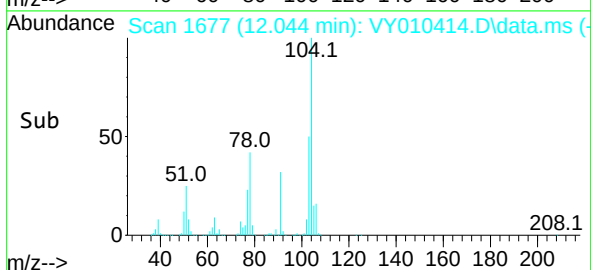
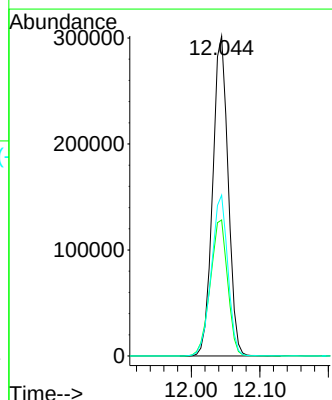
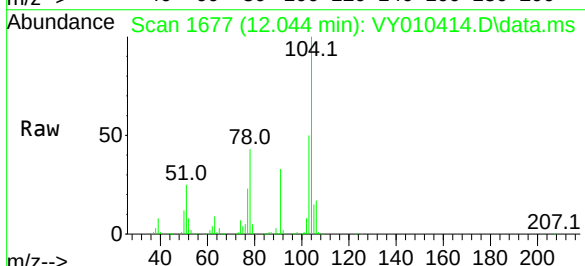
Tgt Ion:104 Resp: 471456

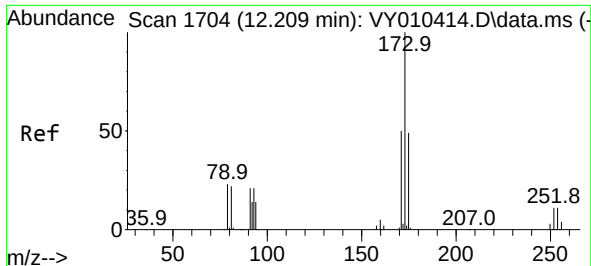
Ion Ratio Lower Upper

104 100

78 47.8 42.4 63.6

103 54.0 44.4 66.6

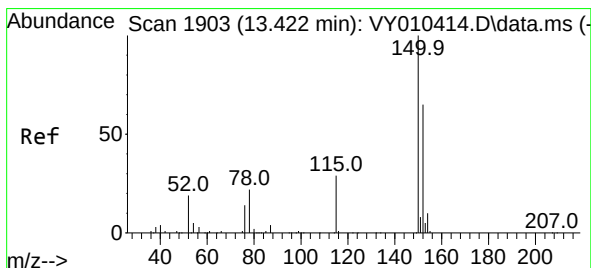
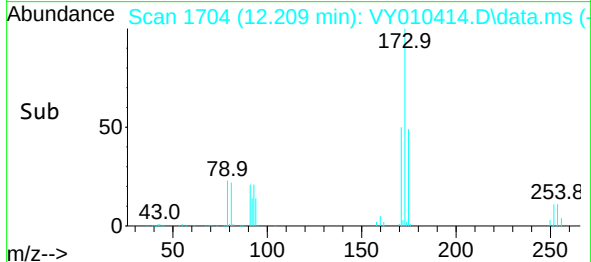
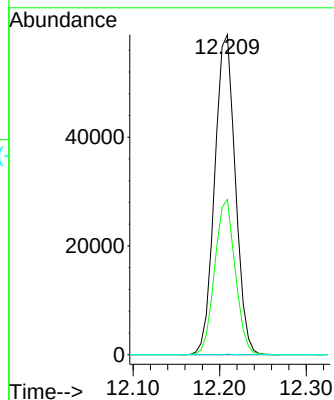
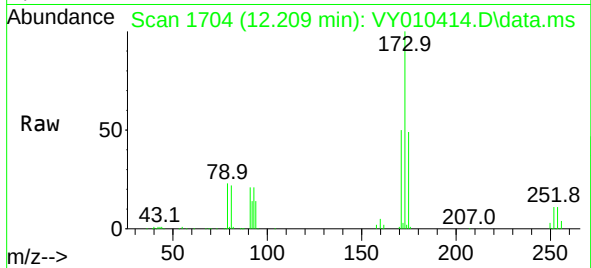




#71
Bromoform
Concen: 50.303 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

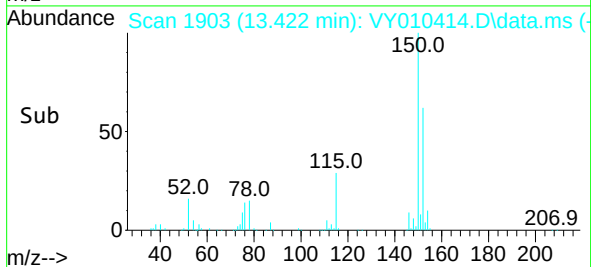
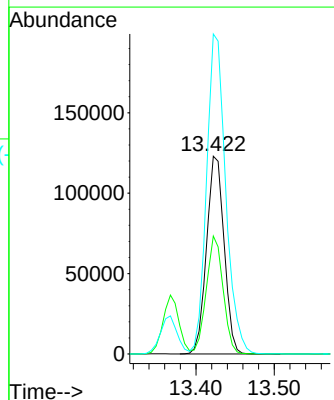
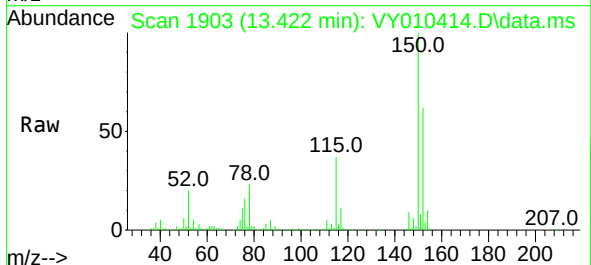
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

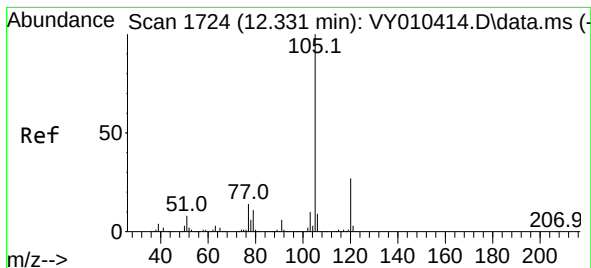
Tgt Ion:173 Resp: 97426
Ion Ratio Lower Upper
173 100
175 48.2 24.6 74.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion:152 Resp: 190990
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 176.8 0.0 347.6





#73

Isopropylbenzene

Concen: 50.155 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

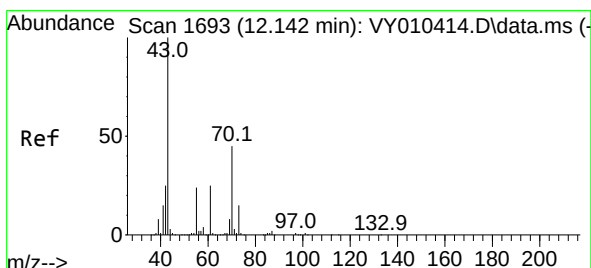
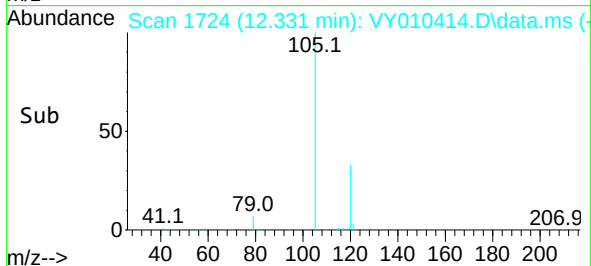
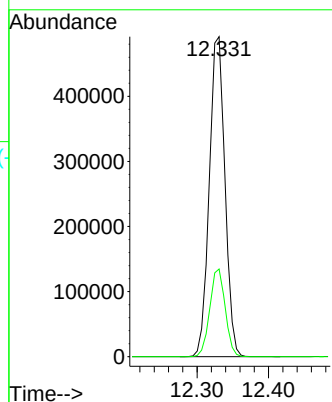
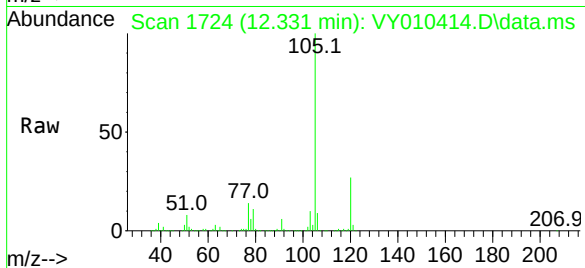
VSTDICCC050

Tgt Ion:105 Resp: 747398

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 51.409 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Tgt Ion: 43 Resp: 178747

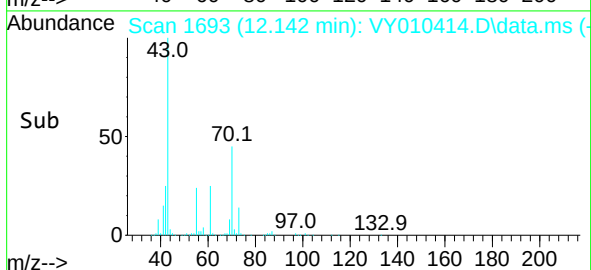
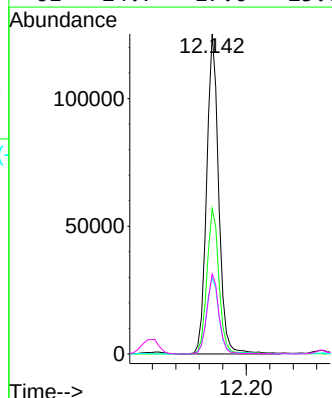
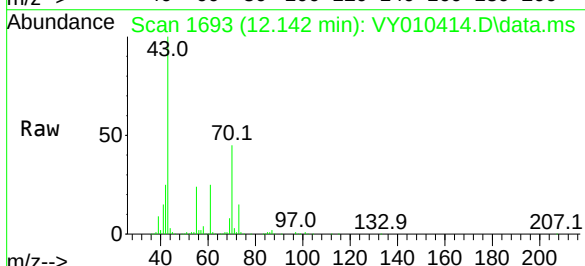
Ion Ratio Lower Upper

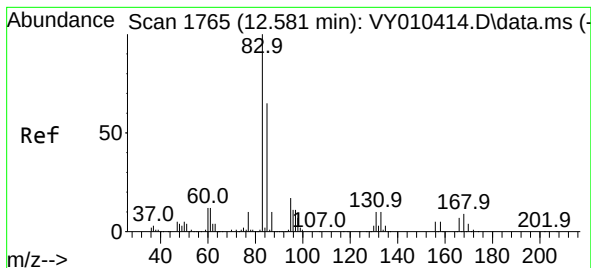
43 100

70 45.7 28.7 43.1#

55 24.8 17.3 25.9

61 24.7 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.040 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

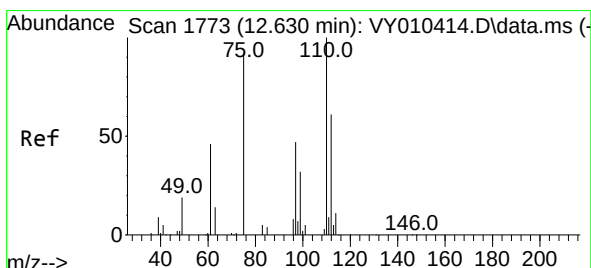
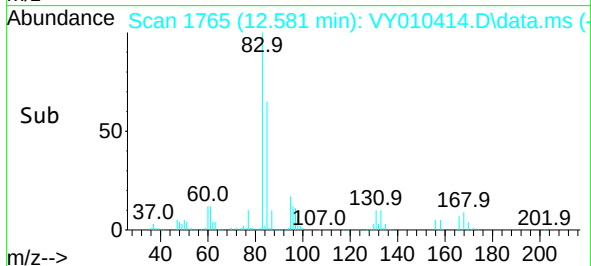
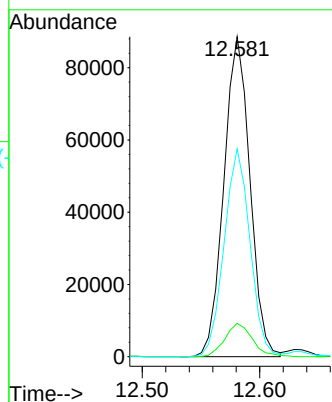
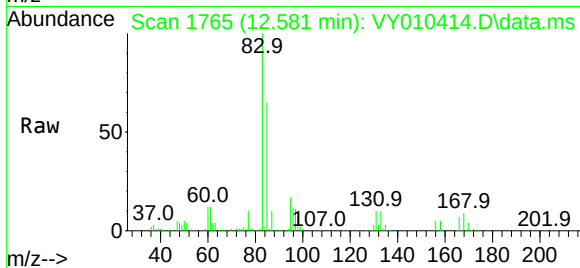
Tgt Ion: 83 Resp: 136703

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

85 64.4 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 89.240 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY010414.D

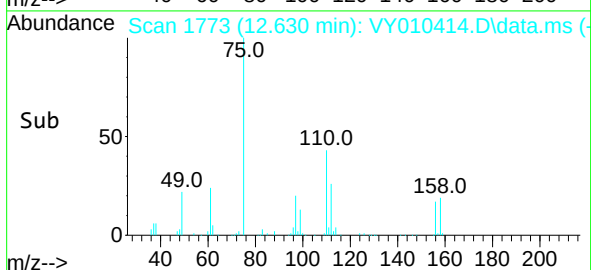
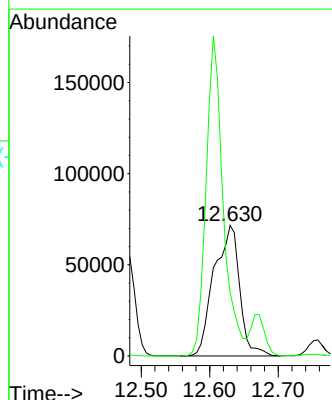
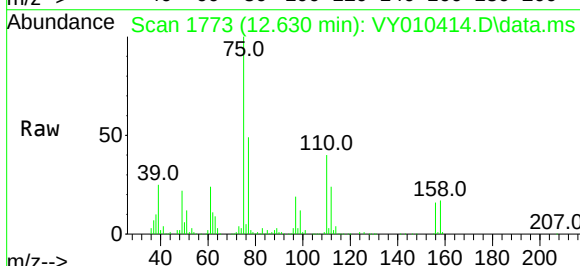
Acq: 09 Sep 2022 13:17

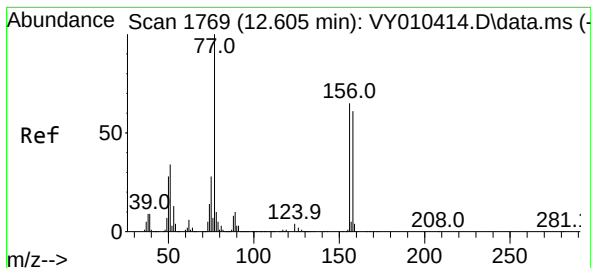
Tgt Ion: 75 Resp: 185294

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.865 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

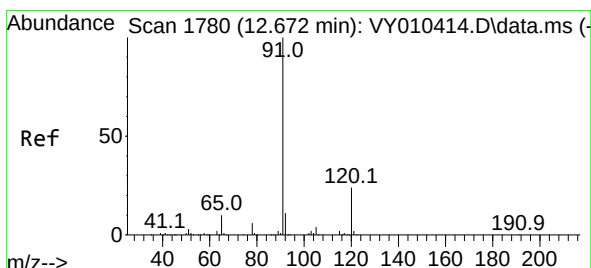
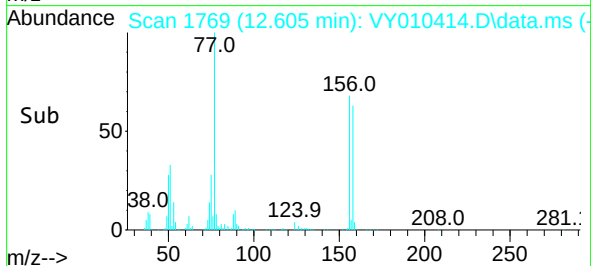
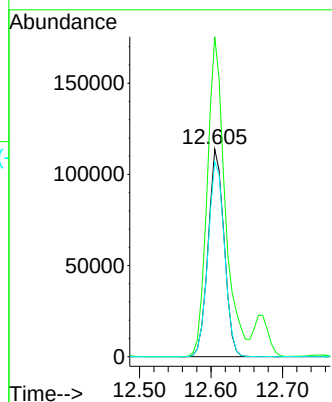
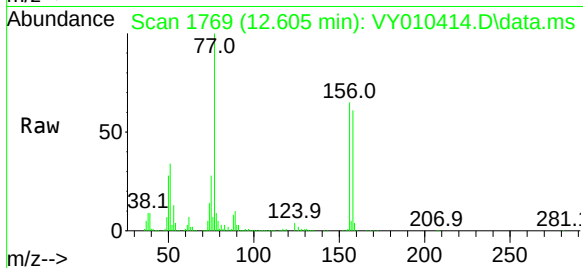
Tgt Ion:156 Resp: 176078

Ion Ratio Lower Upper

156 100

77 174.4 95.5 286.4

158 97.1 48.0 144.0



#78

n-propylbenzene

Concen: 50.149 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY010414.D

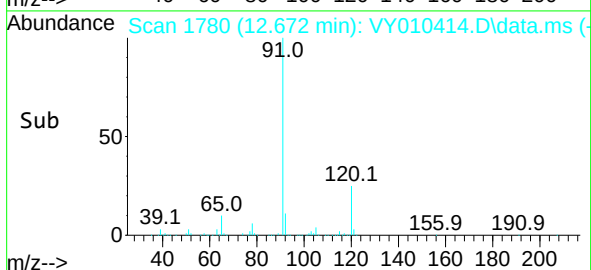
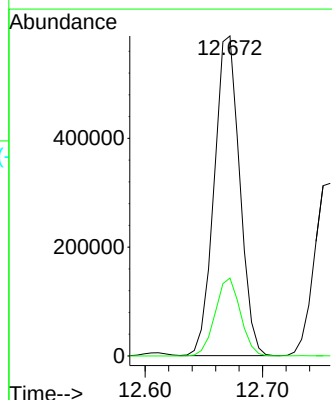
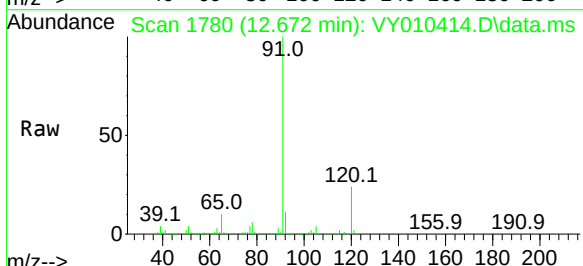
Acq: 09 Sep 2022 13:17

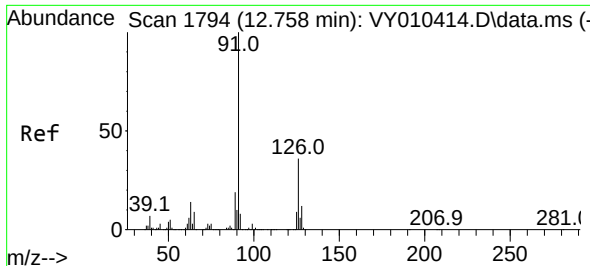
Tgt Ion: 91 Resp: 884931

Ion Ratio Lower Upper

91 100

120 24.1 11.3 33.9

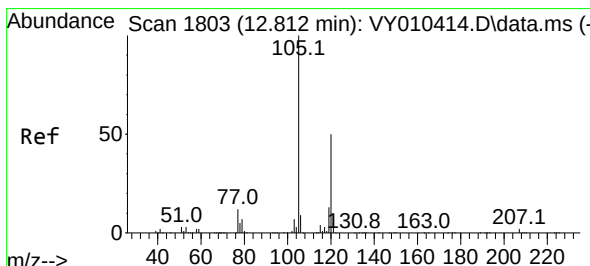
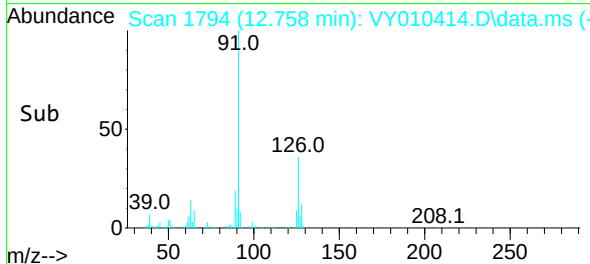
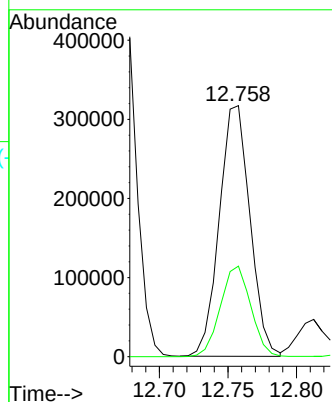
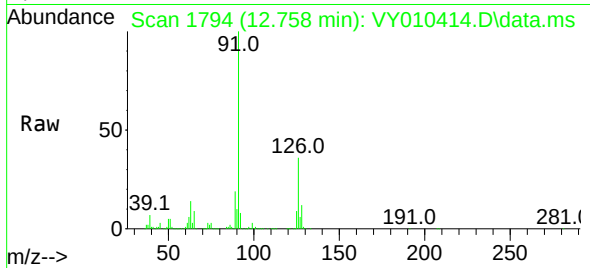




#79
2-Chlorotoluene
Concen: 49.910 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

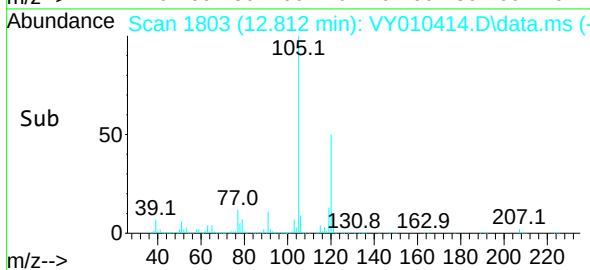
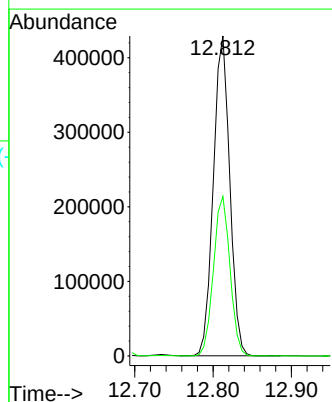
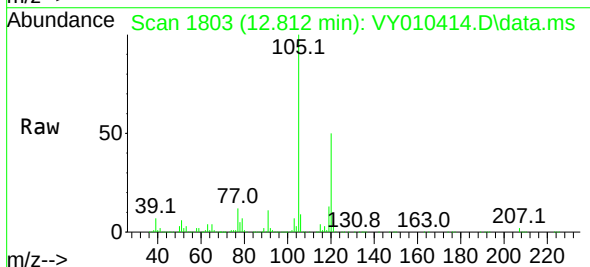
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

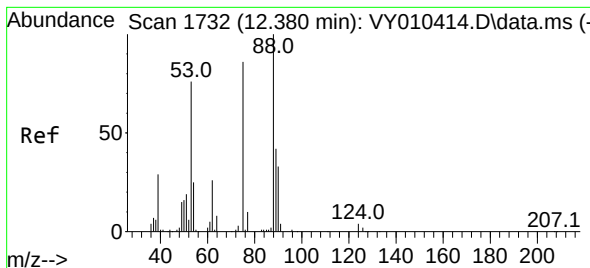
Tgt Ion: 91 Resp: 494728
Ion Ratio Lower Upper
91 100
126 35.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 49.684 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion: 105 Resp: 624696
Ion Ratio Lower Upper
105 100
120 50.1 24.4 73.4

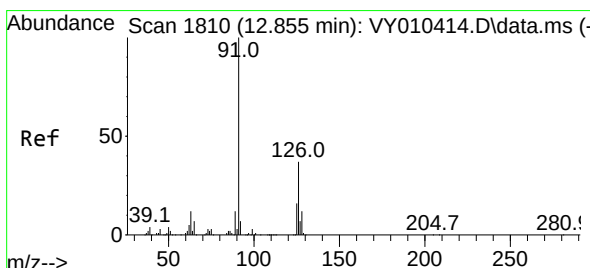
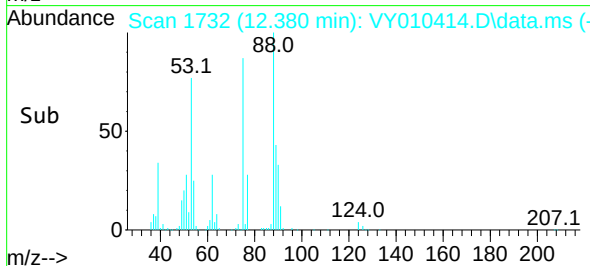
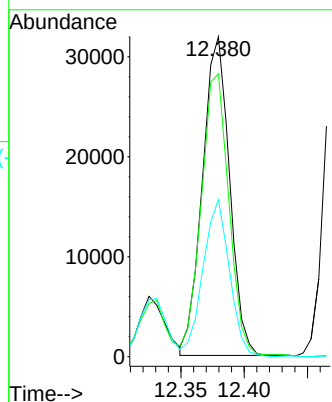
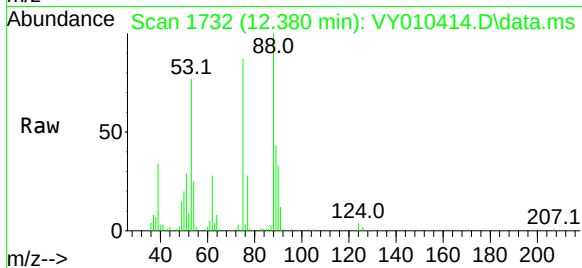




#81
trans-1,4-Dichloro-2-butene
Concen: 50.111 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

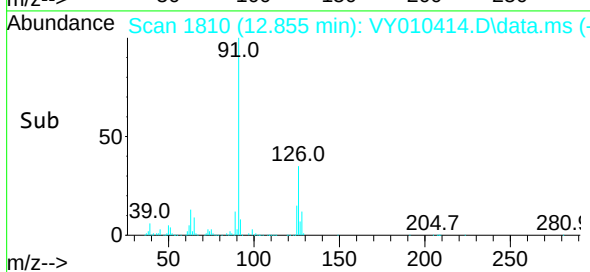
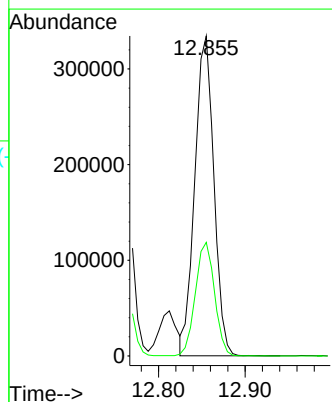
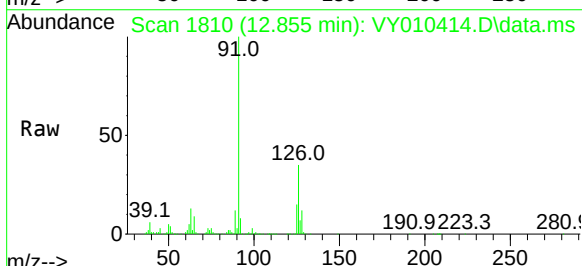
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

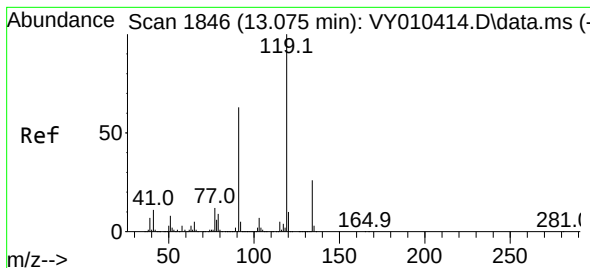
Tgt Ion: 75 Resp: 47573
Ion Ratio Lower Upper
75 100
53 91.1 85.3 127.9
89 48.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 49.474 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion: 91 Resp: 510177
Ion Ratio Lower Upper
91 100
126 35.9 17.0 51.0





#83

tert-Butylbenzene

Concen: 50.463 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

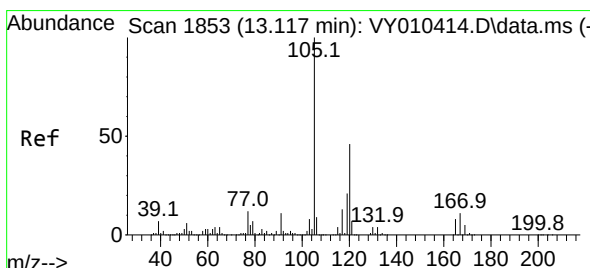
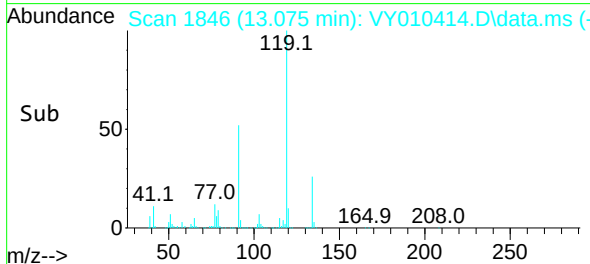
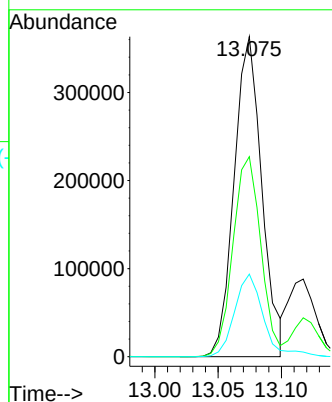
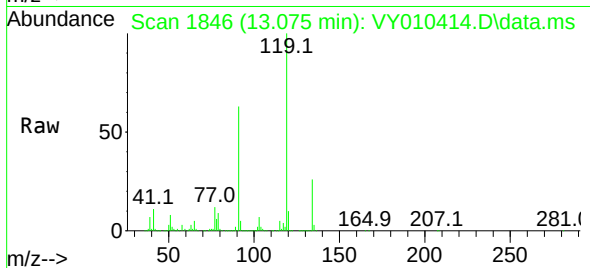
Tgt Ion:119 Resp: 554576

Ion Ratio Lower Upper

119 100

91 62.8 34.8 104.4

134 26.8 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 49.917 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010414.D

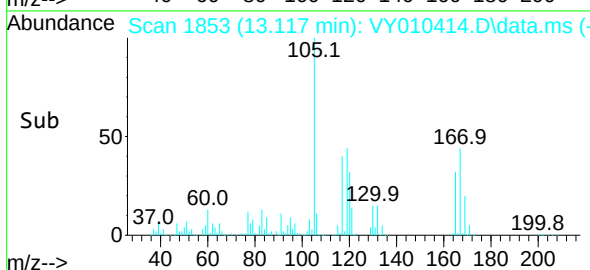
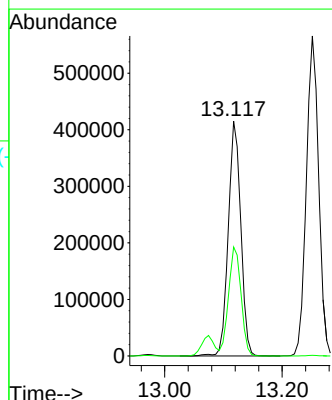
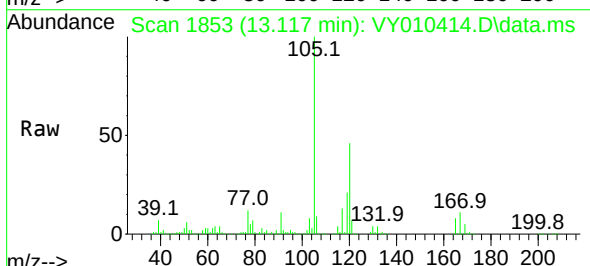
Acq: 09 Sep 2022 13:17

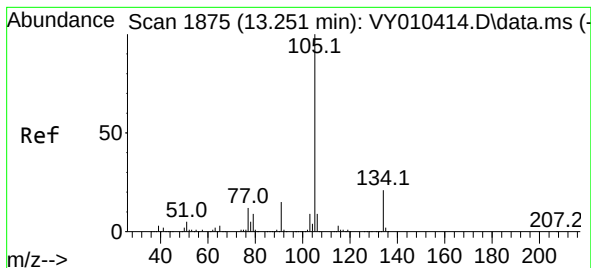
Tgt Ion:105 Resp: 614096

Ion Ratio Lower Upper

105 100

120 46.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.460 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

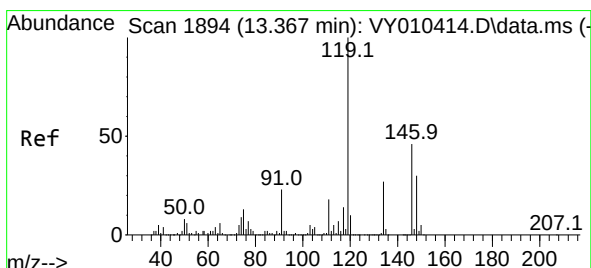
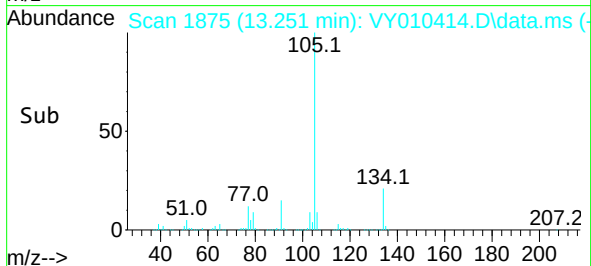
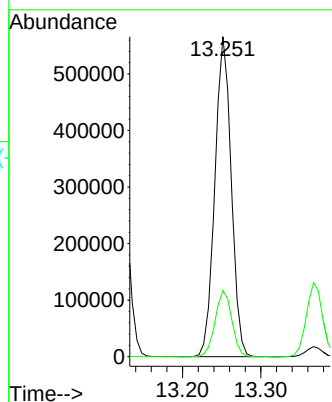
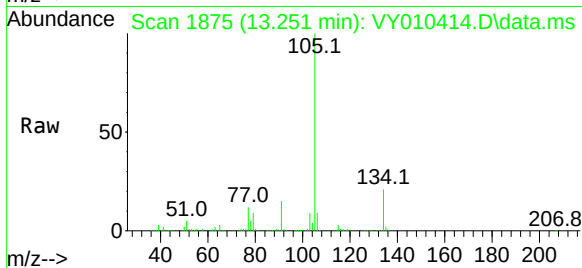
VSTDICCC050

Tgt Ion:105 Resp: 821114

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 50.705 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

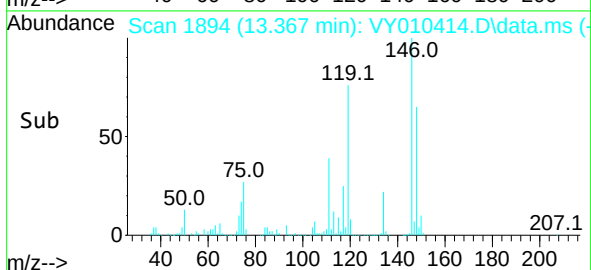
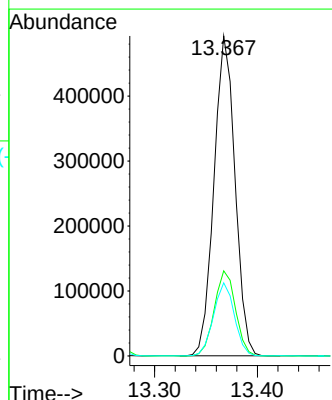
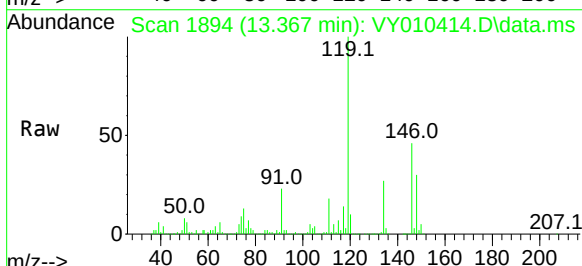
Tgt Ion:119 Resp: 697939

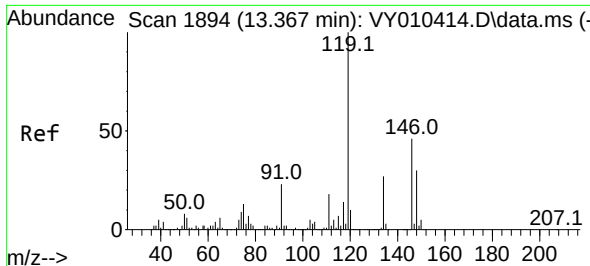
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

91 22.6 12.4 37.2

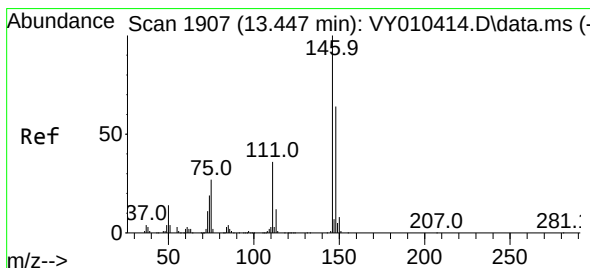
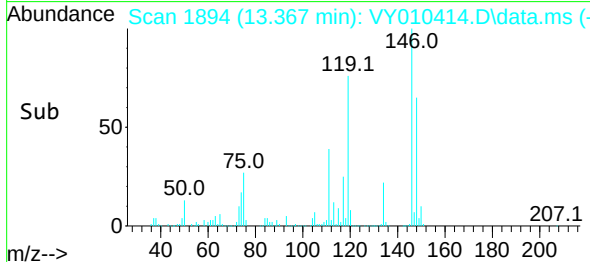
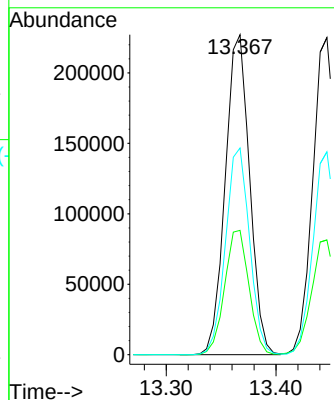
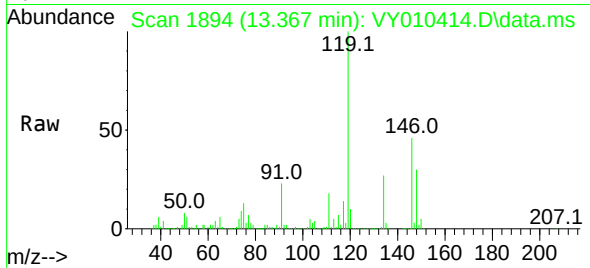




#87
1,3-Dichlorobenzene
Concen: 49.421 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

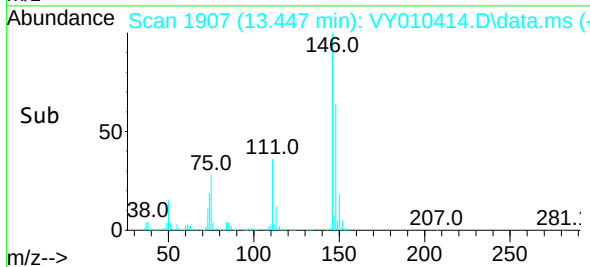
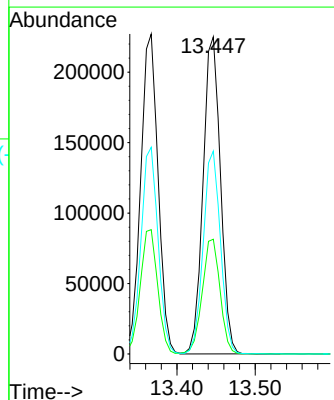
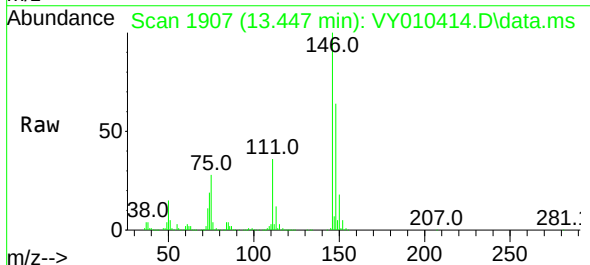
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

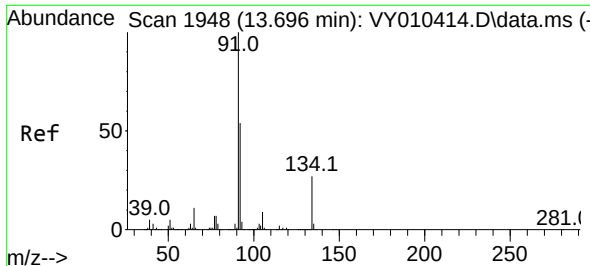
Tgt Ion:146 Resp: 350426
Ion Ratio Lower Upper
146 100
111 38.9 19.5 58.5
148 63.9 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 49.382 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion:146 Resp: 346723
Ion Ratio Lower Upper
146 100
111 37.0 19.3 57.8
148 63.6 32.6 97.8

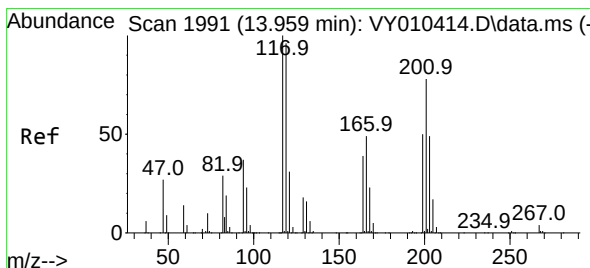
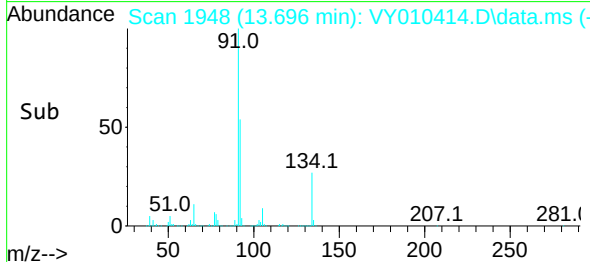
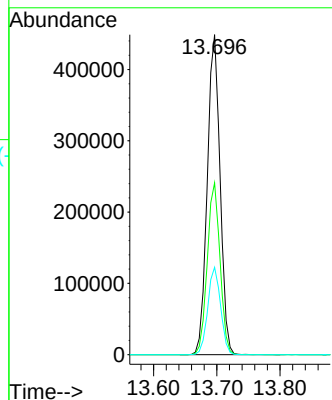
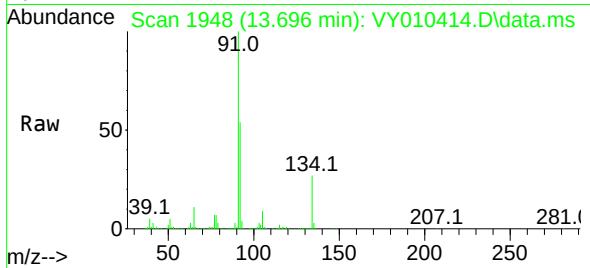




#89
n-Butylbenzene
Concen: 50.636 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

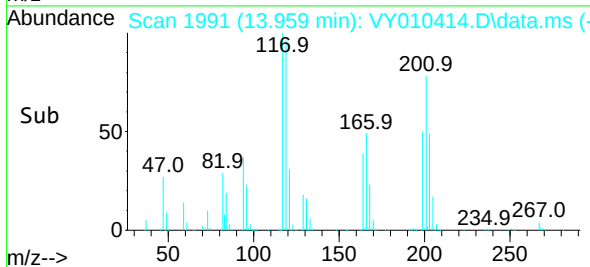
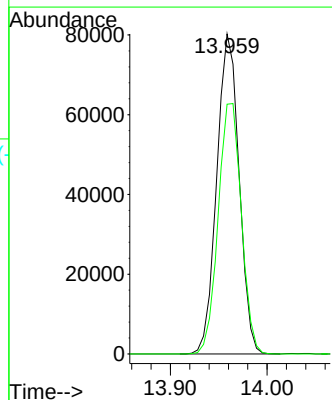
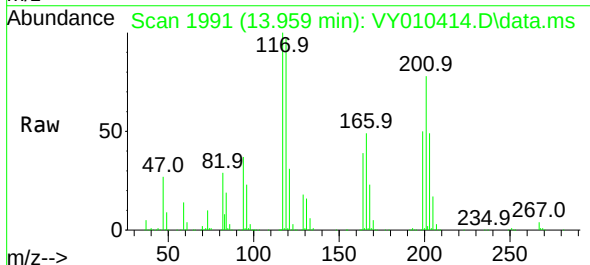
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

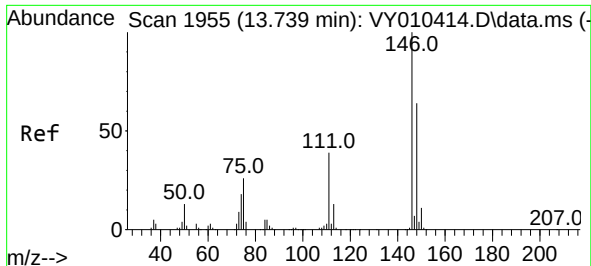
Tgt Ion: 91 Resp: 632663
Ion Ratio Lower Upper
91 100
92 53.5 26.3 78.9
134 27.3 13.0 38.9



#90
Hexachloroethane
Concen: 49.645 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion: 117 Resp: 128301
Ion Ratio Lower Upper
117 100
201 81.3 43.0 128.8

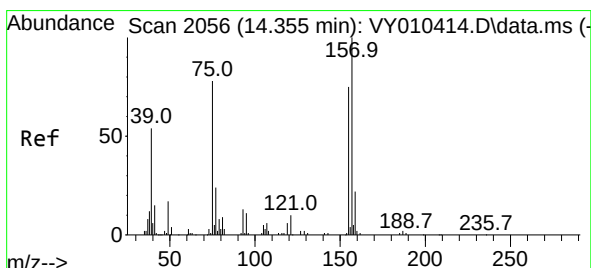
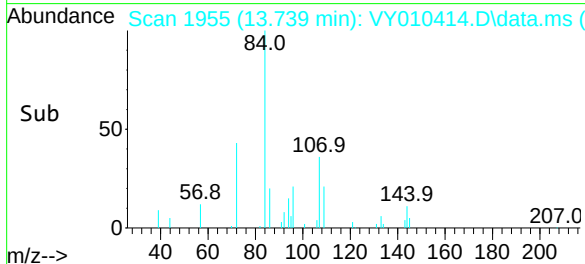
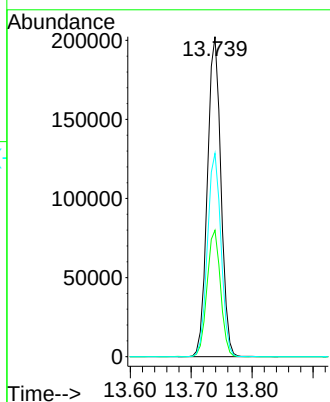
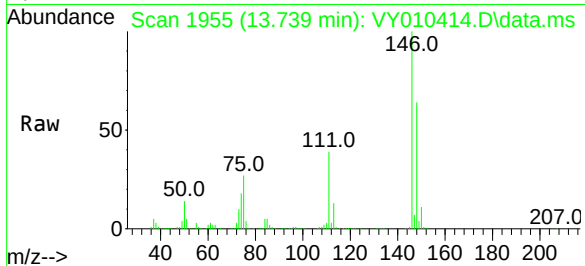




#91
1,2-Dichlorobenzene
Concen: 49.617 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

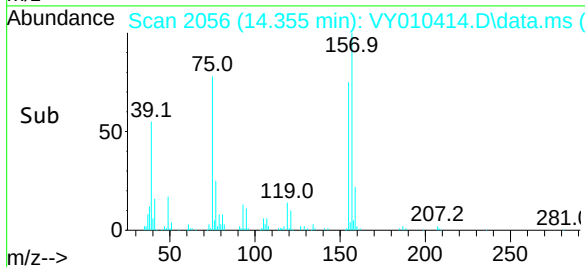
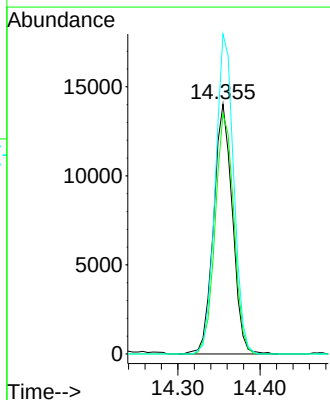
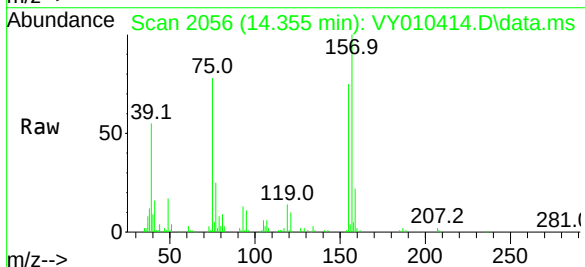
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

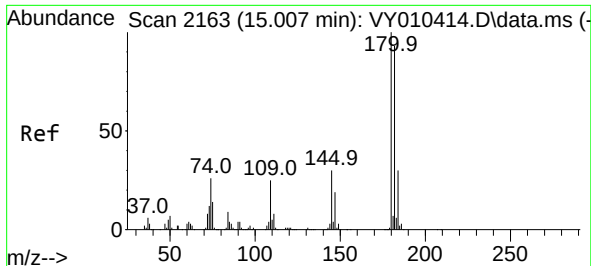
Tgt Ion:146 Resp: 311605
Ion Ratio Lower Upper
146 100
111 39.5 20.3 60.9
148 63.6 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.362 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion: 75 Resp: 22285
Ion Ratio Lower Upper
75 100
155 95.6 38.0 113.9
157 124.5 47.8 143.3

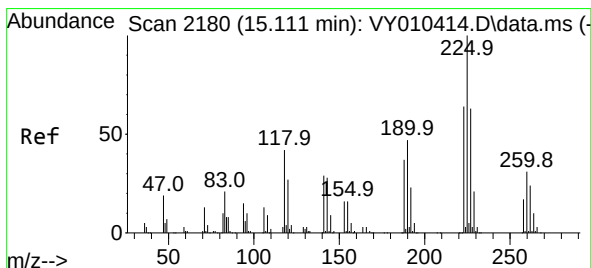
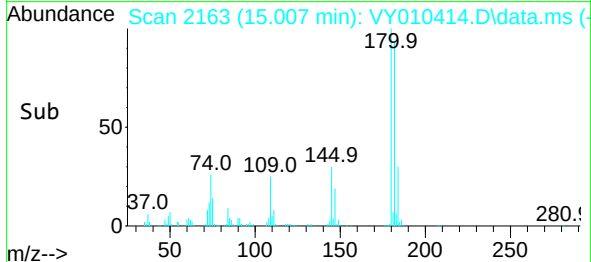
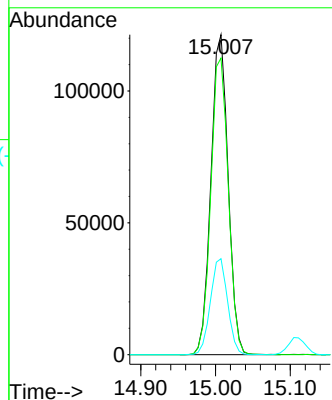
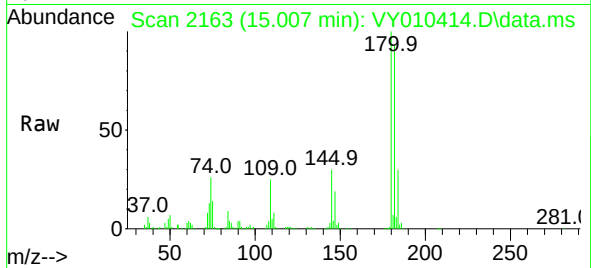




#93
1,2,4-Trichlorobenzene
Concen: 49.715 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

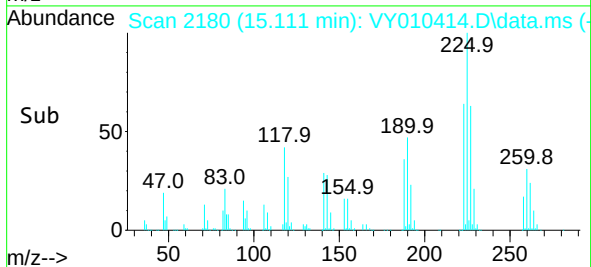
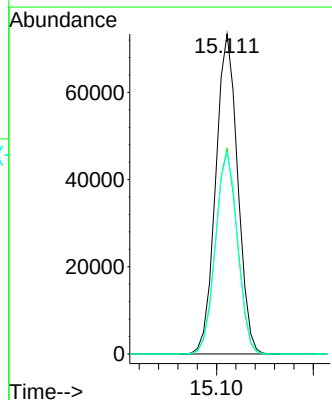
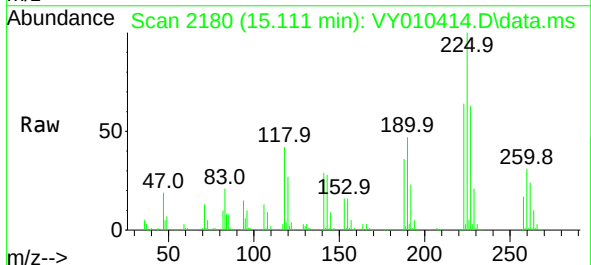
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

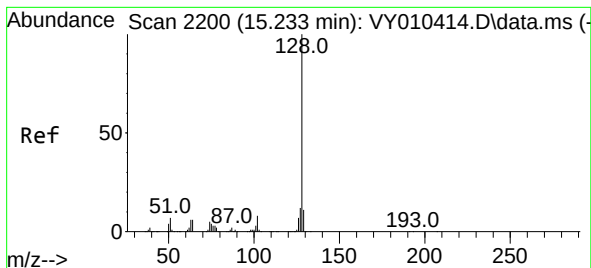
Tgt Ion:180 Resp: 193913
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.9
145 30.0 14.6 43.8



#94
Hexachlorobutadiene
Concen: 49.080 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY010414.D
Acq: 09 Sep 2022 13:17

Tgt Ion:225 Resp: 115507
Ion Ratio Lower Upper
225 100
223 63.5 30.8 92.3
227 63.3 31.6 94.7





#95

Naphthalene

Concen: 49.421 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

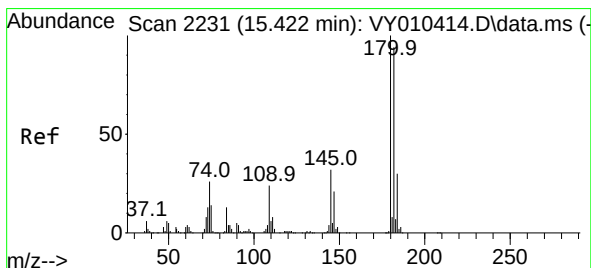
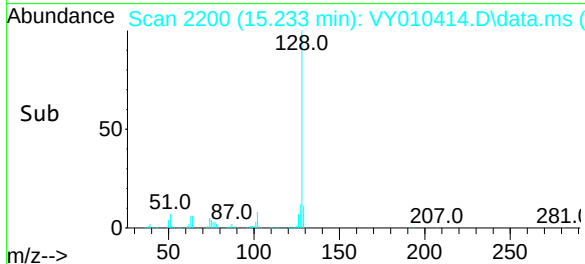
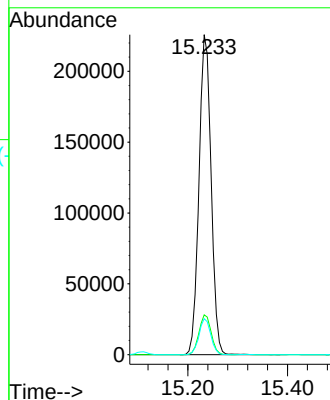
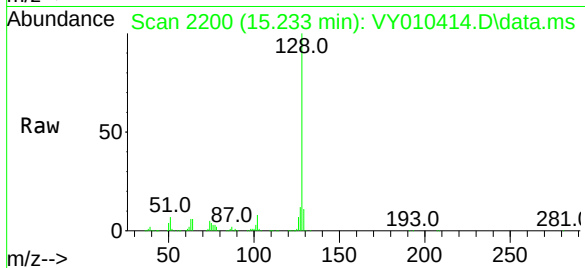
Tgt Ion:128 Resp: 380212

Ion Ratio Lower Upper

128 100

127 12.6 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 48.833 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY010414.D

Acq: 09 Sep 2022 13:17

Tgt Ion:180 Resp: 166273

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.9

145 31.7 15.3 45.9

