

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010413.D
 Acq On : 09 Sep 2022 12:54
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 09 16:53:24 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	271300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	419733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	377152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	193404	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52143	19.083	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	38.160%#
35) Dibromofluoromethane	7.710	113	70469	23.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	47.280%#
50) Toluene-d8	10.179	98	166428	17.227	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	34.460%#
62) 4-Bromofluorobenzene	12.477	95	120005	27.068	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	54.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	47038	22.629	ug/l	96
3) Chloromethane	2.107	50	65023	21.333	ug/l	96
4) Vinyl Chloride	2.247	62	80014	21.278	ug/l	98
5) Bromomethane	2.625	94	54802	20.802	ug/l	97
6) Chloroethane	2.784	64	53298	21.190	ug/l	99
7) Trichlorofluoromethane	3.113	101	100038	21.002	ug/l	91
8) Diethyl Ether	3.521	74	32131	20.828	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.893	101	57316	20.551	ug/l	96
10) Methyl Iodide	4.082	142	72013	20.867	ug/l	90
11) Tert butyl alcohol	4.936	59	42794	116.070	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	53988	20.635	ug/l	82
13) Acrolein	3.723	56	27559	105.721	ug/l	97
14) Allyl chloride	4.472	41	76749	20.371	ug/l #	94
15) Acrylonitrile	5.149	53	76726	102.740	ug/l	97
16) Acetone	3.942	43	65421	104.329	ug/l	90
17) Carbon Disulfide	4.186	76	153418	21.684	ug/l	100
18) Methyl Acetate	4.472	43	40076	20.774	ug/l #	86
19) Methyl tert-butyl Ether	5.216	73	145400	20.124	ug/l	96
20) Methylene Chloride	4.704	84	77784	20.325	ug/l #	82
21) trans-1,2-Dichloroethene	5.210	96	62247	20.954	ug/l	86
22) Diisopropyl ether	6.112	45	168377	20.018	ug/l #	95
23) Vinyl Acetate	6.051	43	519185	100.724	ug/l #	92
24) 1,1-Dichloroethane	6.003	63	103174	20.261	ug/l	99
25) 2-Butanone	6.978	43	100480	100.828	ug/l #	81
26) 2,2-Dichloropropane	6.972	77	95965	19.750	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	70211	20.333	ug/l	87
28) Bromochloromethane	7.326	49	27298	16.720	ug/l #	79
29) Tetrahydrofuran	7.344	42	64881	104.317	ug/l #	84
30) Chloroform	7.502	83	109649	20.300	ug/l	97
31) Cyclohexane	7.777	56	94934	20.566	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	99292	20.301	ug/l	95
36) 1,1-Dichloropropene	7.911	75	82729	20.272	ug/l	95
37) Ethyl Acetate	7.070	43	44012	20.515	ug/l #	93
38) Carbon Tetrachloride	7.893	117	92001	20.264	ug/l	99
39) Methylcyclohexane	9.179	83	105446	20.722	ug/l	88
40) Benzene	8.155	78	239336	20.373	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	59488	51.124	ug/l #	19
42) 1,2-Dichloroethane	8.234	62	71666	20.514	ug/l	94
43) Isopropyl Acetate	8.271	43	79815	20.329	ug/l #	89
44) Trichloroethene	8.935	130	71561	20.694	ug/l	99
45) 1,2-Dichloropropane	9.216	63	57431	20.045	ug/l	97
46) Dibromomethane	9.301	93	35551	20.576	ug/l	98
47) Bromodichloromethane	9.490	83	82563	20.118	ug/l	98
48) Methyl methacrylate	9.289	41	35938	20.381	ug/l #	84
49) 1,4-Dioxane	9.295	88	9366	409.499	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	218350	101.392	ug/l	89
52) Toluene	10.240	92	154662	20.118	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	83309	19.725	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	95083	19.960	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	49371	20.088	ug/l	98
56) Ethyl methacrylate	10.508	69	64629	20.023	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	84015	20.558	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	134163	122.183	ug/l	93
59) 2-Hexanone	10.831	43	150291	102.381	ug/l	88
60) Dibromochloromethane	10.983	129	60469	20.133	ug/l	100
61) 1,2-Dibromoethane	11.087	107	48805	20.456	ug/l	100
64) Tetrachloroethene	10.715	164	69968	20.582	ug/l	96
65) Chlorobenzene	11.514	112	169801	20.132	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	61760	19.770	ug/l	97
67) Ethyl Benzene	11.593	91	297626	19.938	ug/l	97
68) m/p-Xylenes	11.703	106	234600	40.031	ug/l	94
69) o-Xylene	12.026	106	112388	20.084	ug/l	93
70) Styrene	12.044	104	187984	19.848	ug/l	95
71) Bromoform	12.209	173	39477	20.213	ug/l #	98
73) Isopropylbenzene	12.331	105	298234	19.764	ug/l	100
74) N-amyl acetate	12.142	43	68561	19.473	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	57628	20.415	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	74926	35.635	ug/l #	100
77) Bromobenzene	12.605	156	71886	20.104	ug/l	91
78) n-propylbenzene	12.672	91	356333	19.941	ug/l	97
79) 2-Chlorotoluene	12.751	91	198323	19.758	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	256488	20.145	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	18687	19.438	ug/l	89
82) 4-Chlorotoluene	12.855	91	204149	19.550	ug/l	96
83) tert-Butylbenzene	13.075	119	221985	19.947	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	249537	20.030	ug/l	97
85) sec-Butylbenzene	13.251	105	324714	19.705	ug/l	98
86) p-Isopropyltoluene	13.367	119	275376	19.756	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	142491	19.845	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	140740	19.795	ug/l	99
89) n-Butylbenzene	13.696	91	251864	19.907	ug/l	98
90) Hexachloroethane	13.959	117	51596	19.716	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	126366	19.870	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9486	19.909	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	80780	20.452	ug/l	99
94) Hexachlorobutadiene	15.111	225	48865	20.504	ug/l	98
95) Naphthalene	15.233	128	158539	20.350	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	70112	20.335	ug/l	99

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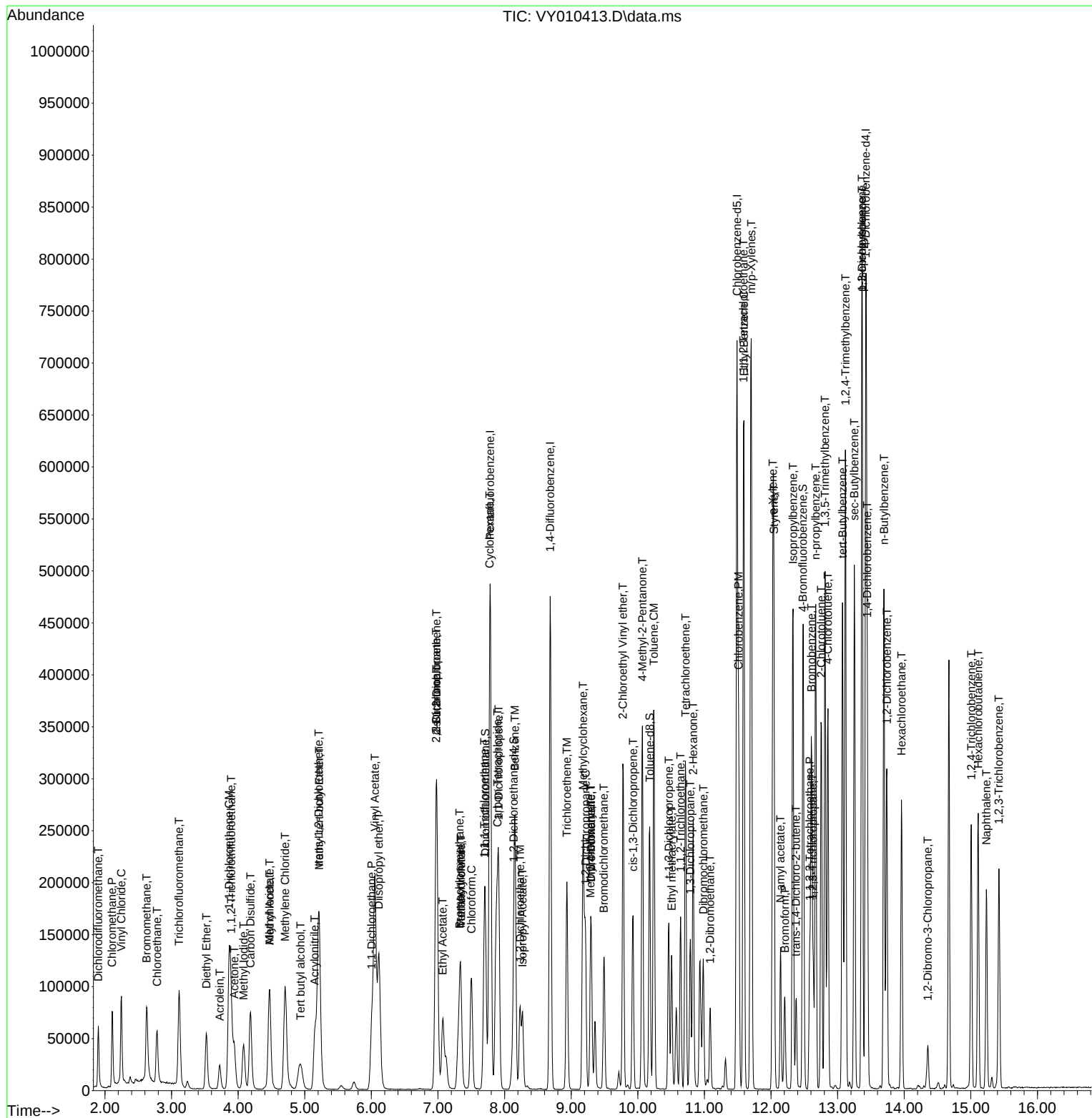
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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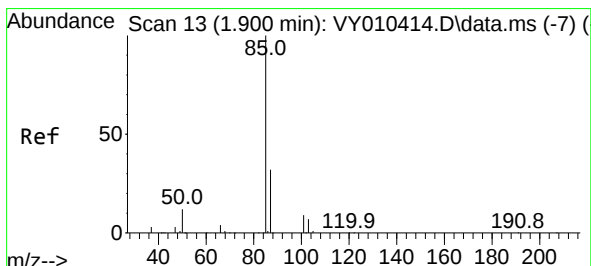
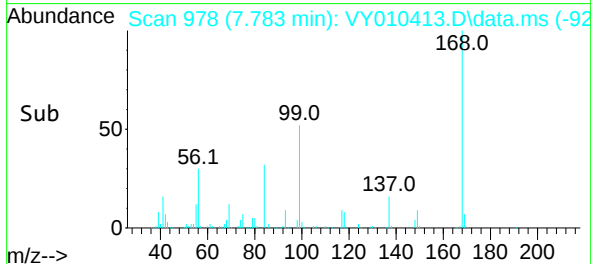
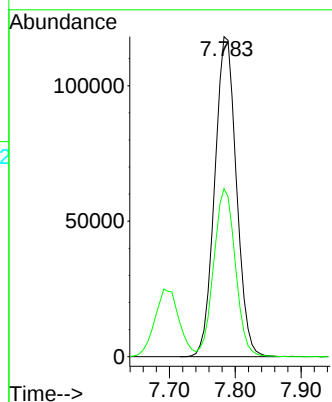
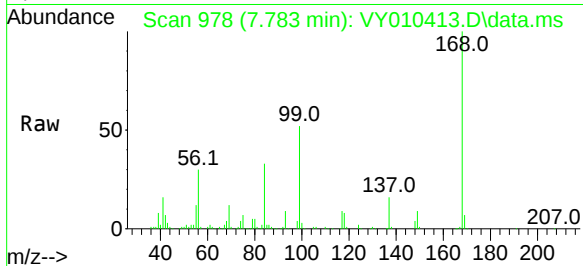




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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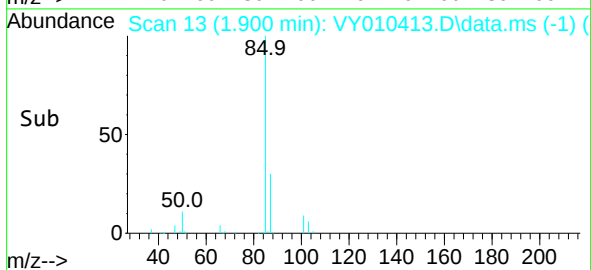
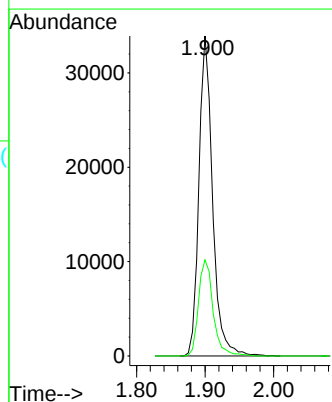
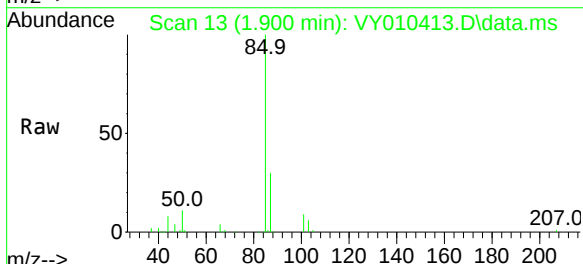
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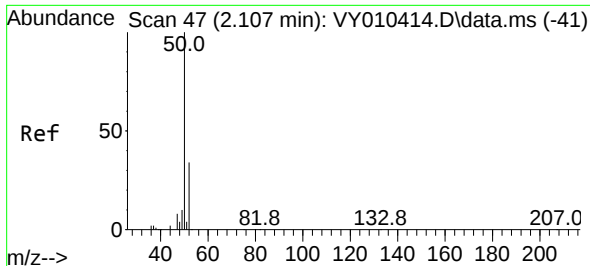
Tgt Ion:168 Resp: 271300
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 22.629 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion: 85 Resp: 47038
Ion Ratio Lower Upper
85 100
87 30.0 16.1 48.2

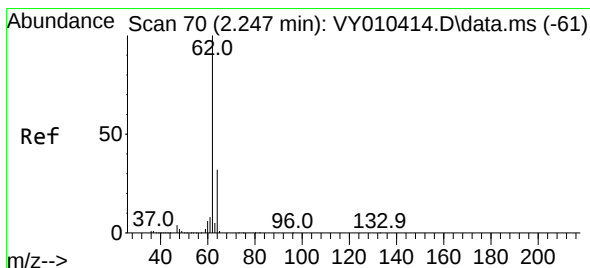
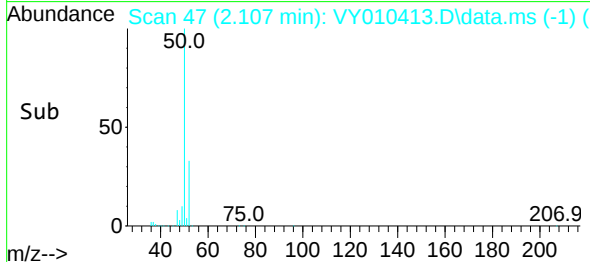
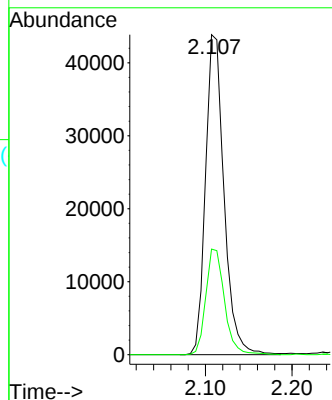
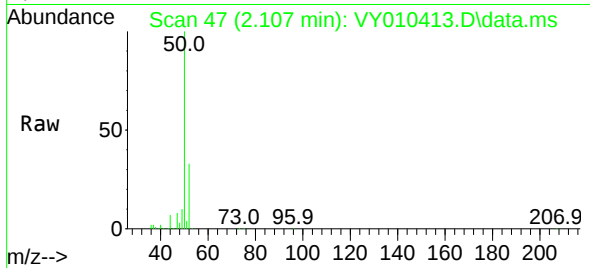




#3
Chloromethane
Concen: 21.333 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

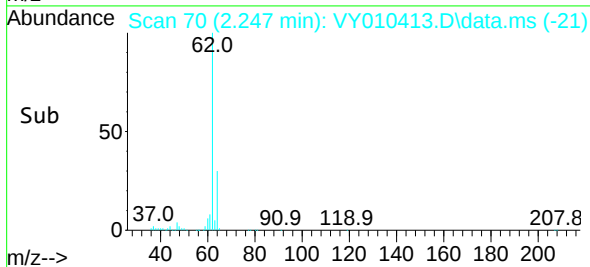
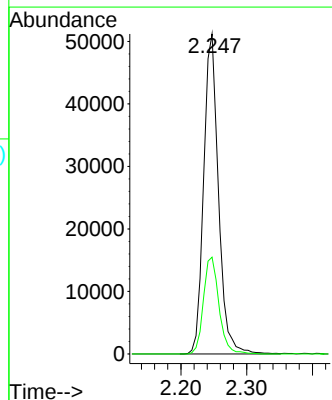
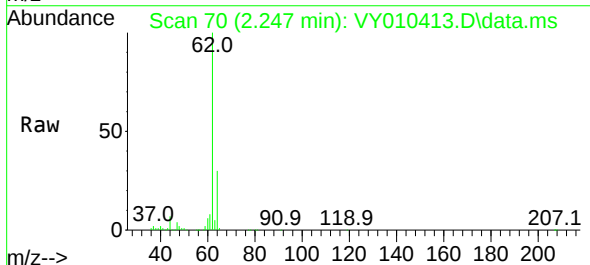
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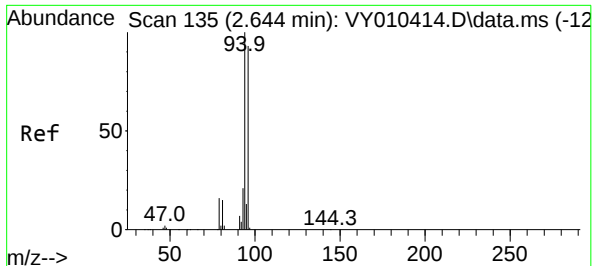
Tgt Ion: 50 Resp: 65023
Ion Ratio Lower Upper
50 100
52 33.0 24.6 37.0



#4
Vinyl Chloride
Concen: 21.278 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
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Tgt Ion: 62 Resp: 80014
Ion Ratio Lower Upper
62 100
64 30.2 25.0 37.6

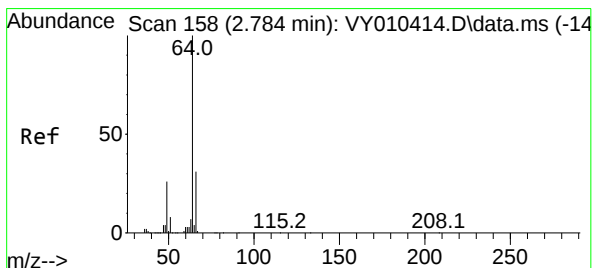
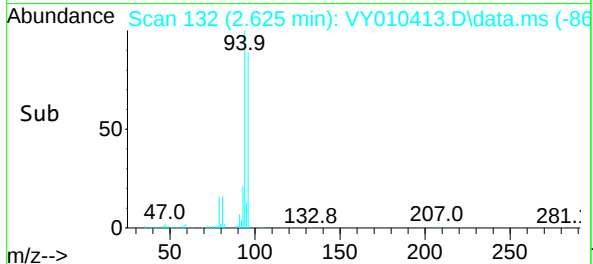
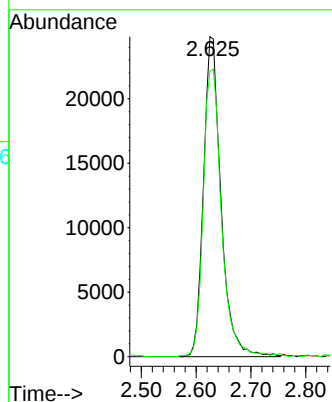
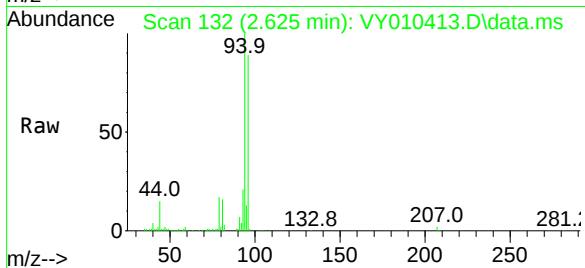




#5
Bromomethane
Concen: 20.802 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY010413.D
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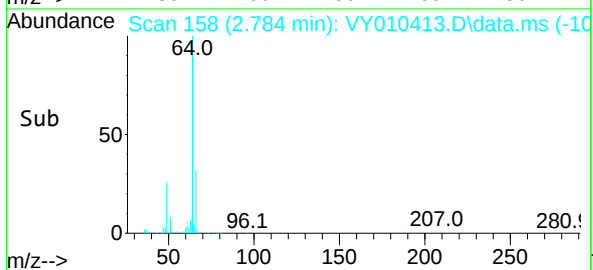
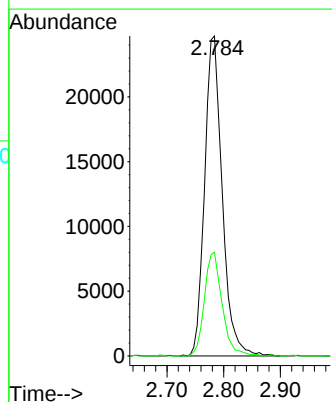
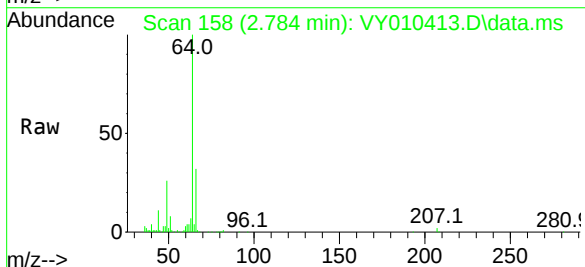
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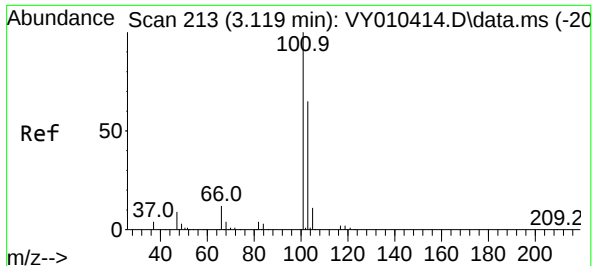
Tgt Ion: 94 Resp: 54802
Ion Ratio Lower Upper
94 100
96 88.8 73.5 110.3



#6
Chloroethane
Concen: 21.190 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY010413.D
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Tgt Ion: 64 Resp: 53298
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0

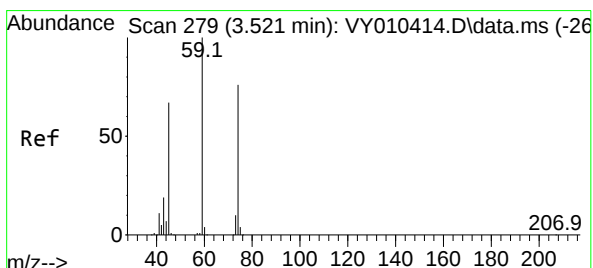
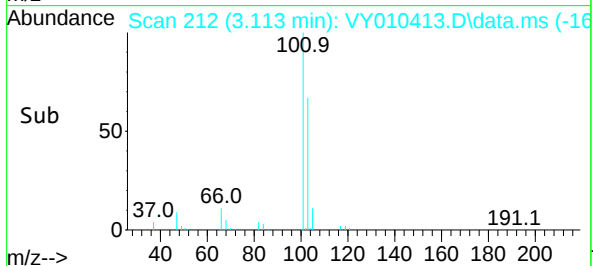
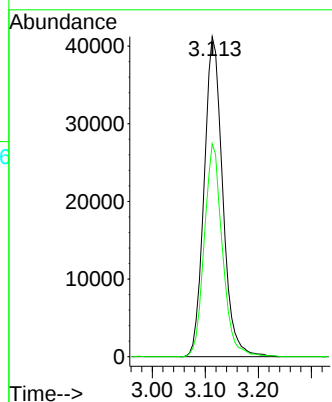
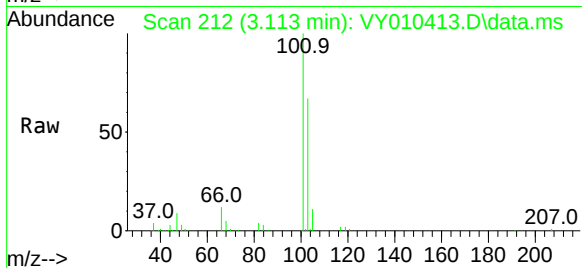




#7
Trichlorofluoromethane
Concen: 21.002 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY010413.D
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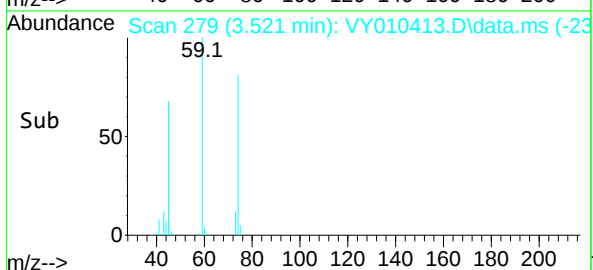
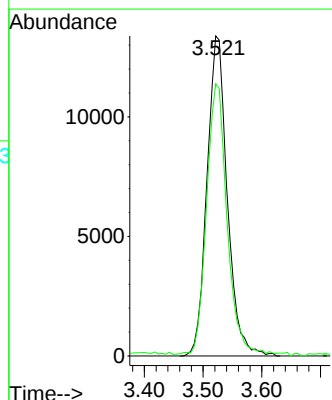
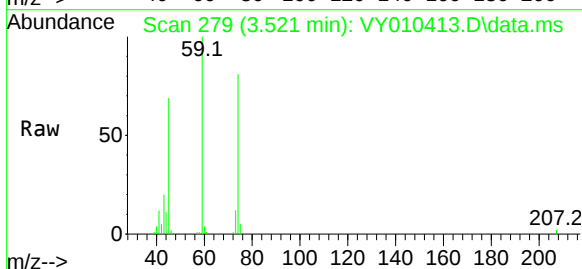
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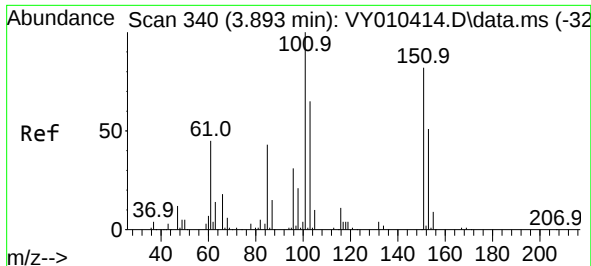
Tgt Ion:101 Resp: 100038
Ion Ratio Lower Upper
101 100
103 66.6 48.0 72.0



#8
Diethyl Ether
Concen: 20.828 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 32131
Ion Ratio Lower Upper
74 100
45 84.6 55.1 165.5

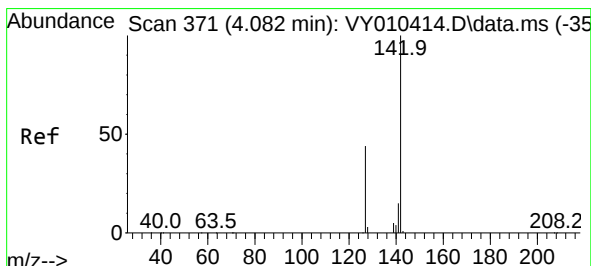
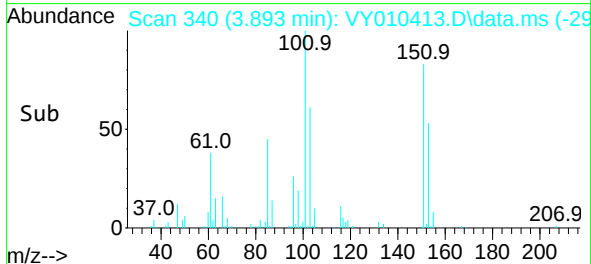
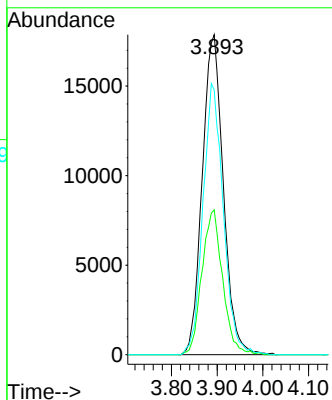
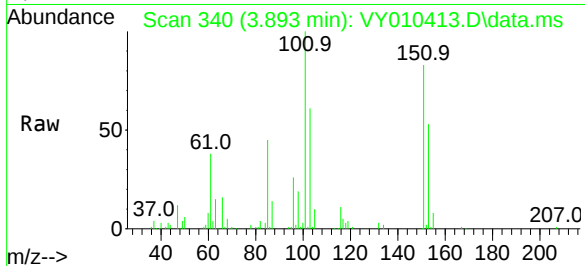




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.551 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

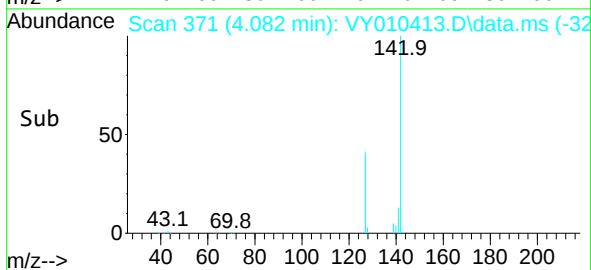
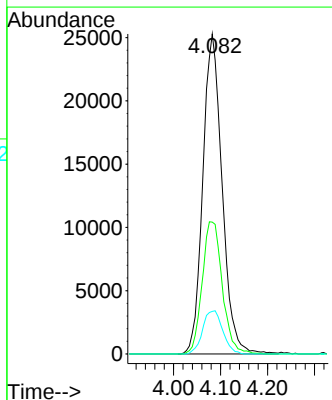
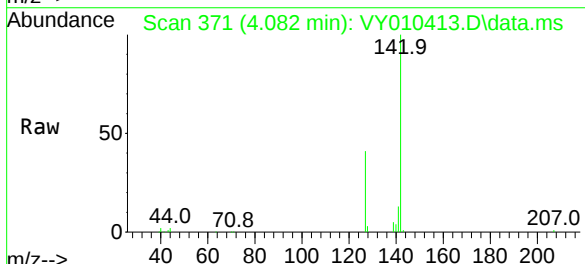
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

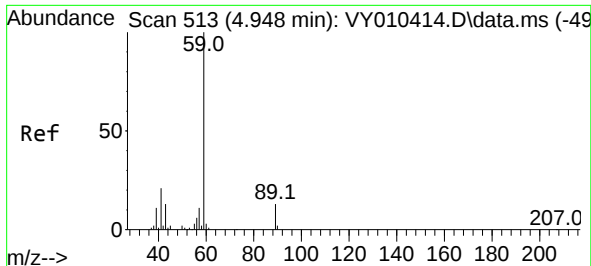
Tgt Ion:101 Resp: 57316
Ion Ratio Lower Upper
101 100
85 44.5 40.6 60.8
151 81.8 64.9 97.3



#10
Methyl Iodide
Concen: 20.867 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion:142 Resp: 72013
Ion Ratio Lower Upper
142 100
127 43.0 41.5 62.3
141 14.0 11.9 17.9

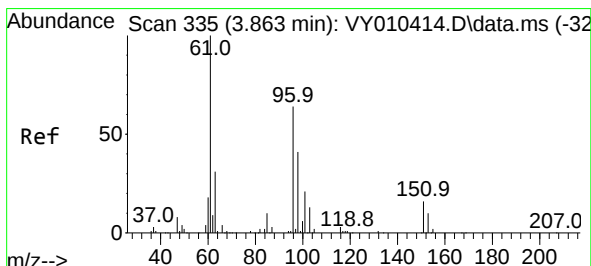
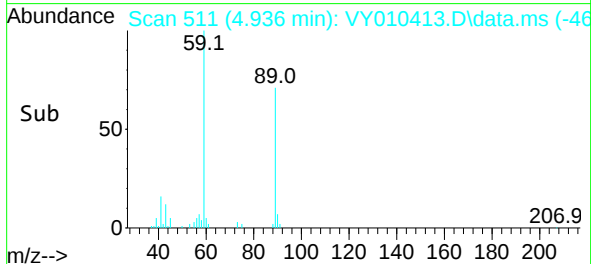
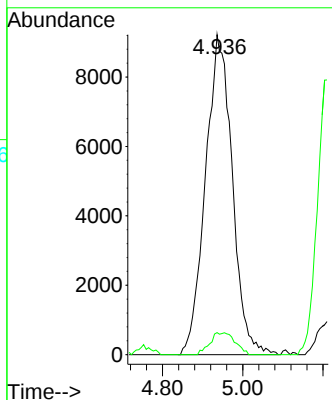
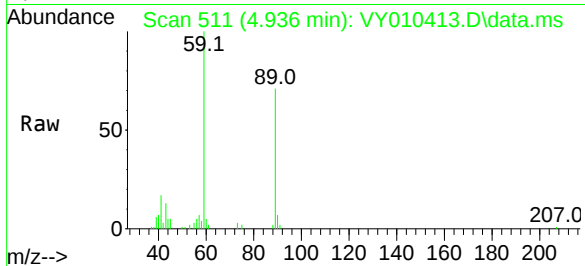




#11
Tert butyl alcohol
Concen: 116.070 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

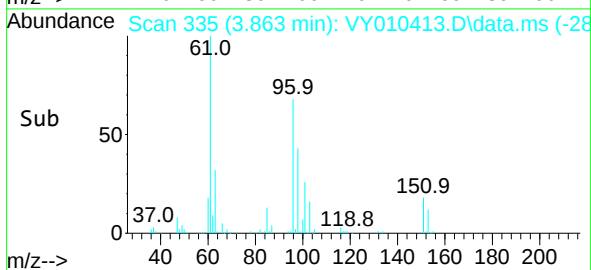
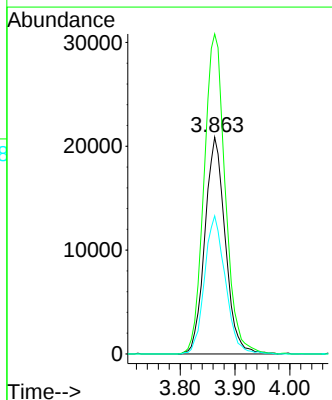
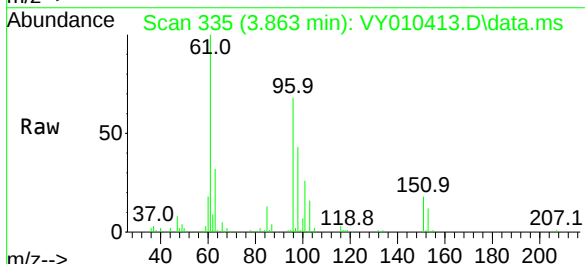
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

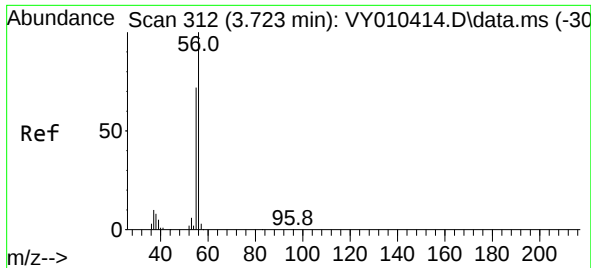
Tgt Ion: 59 Resp: 42794
Ion Ratio Lower Upper
59 100
57 2.7 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 20.635 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion: 96 Resp: 53988
Ion Ratio Lower Upper
96 100
61 147.6 145.8 218.6
98 63.7 52.5 78.7





#13

Acrolein

Concen: 105.721 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

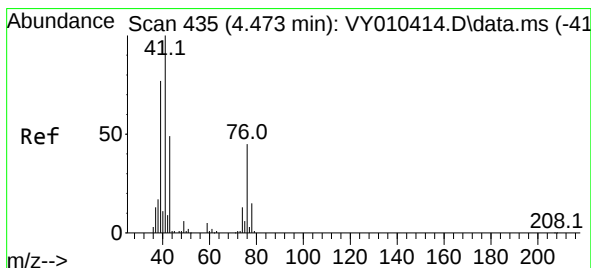
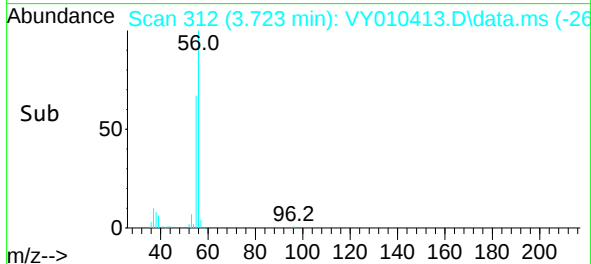
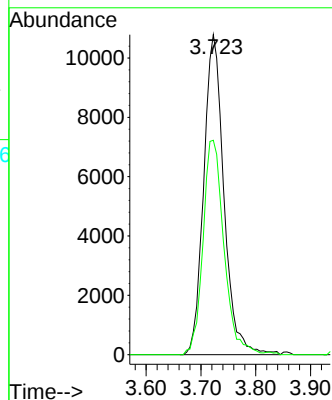
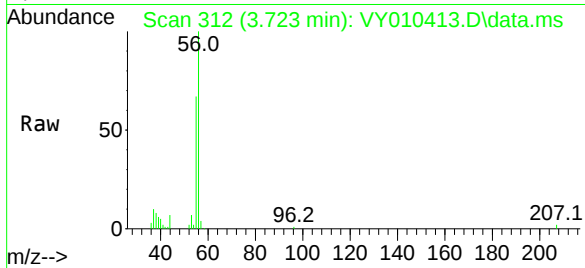
VSTDICC020

Tgt Ion: 56 Resp: 27559

Ion Ratio Lower Upper

56 100

55 69.6 57.6 86.4



#14

Allyl chloride

Concen: 20.371 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

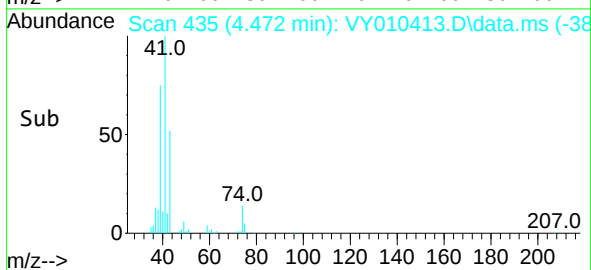
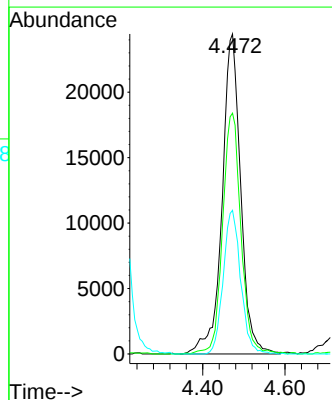
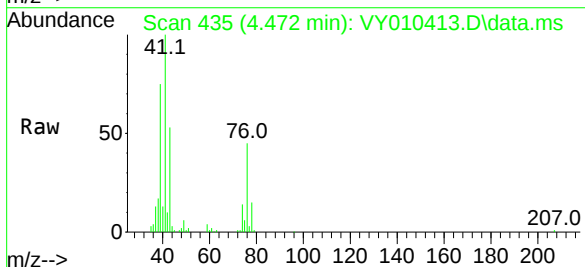
Tgt Ion: 41 Resp: 76749

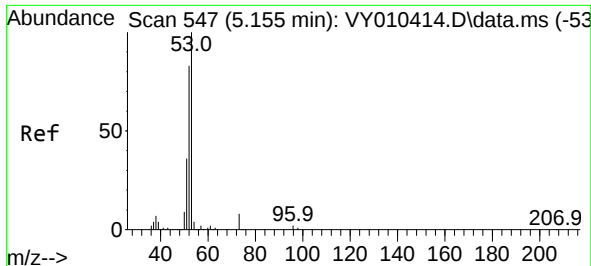
Ion Ratio Lower Upper

41 100

39 74.2 58.8 88.2

76 42.1 25.1 37.7#





#15

Acrylonitrile

Concen: 102.740 ug/l

RT: 5.149 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

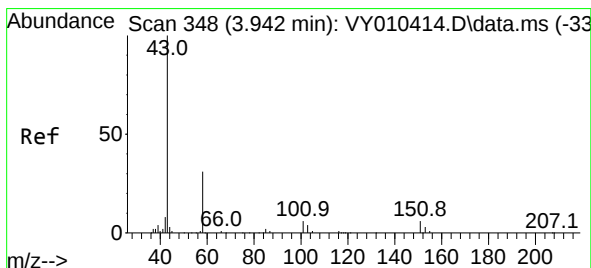
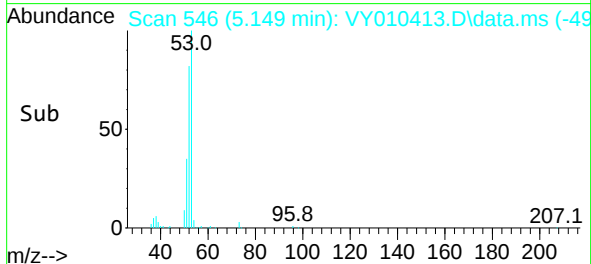
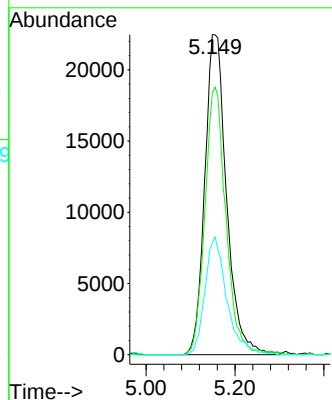
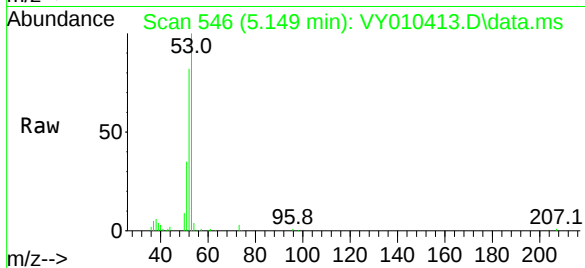
Tgt Ion: 53 Resp: 76726

Ion Ratio Lower Upper

53 100

52 80.2 67.0 100.4

51 37.0 29.8 44.6



#16

Acetone

Concen: 104.329 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY010413.D

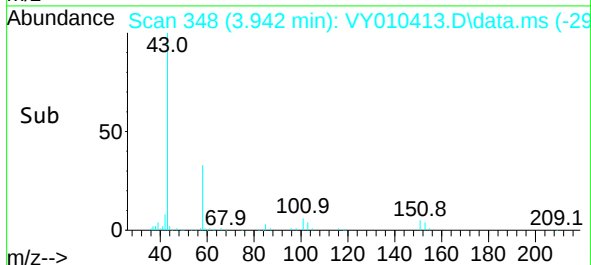
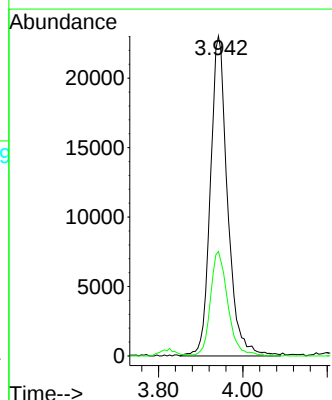
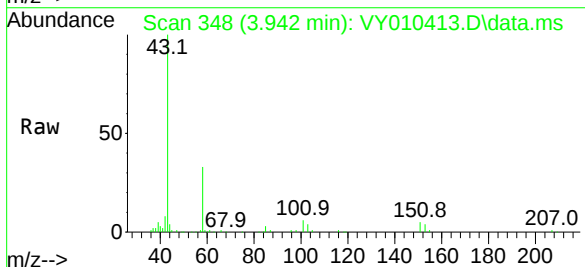
Acq: 09 Sep 2022 12:54

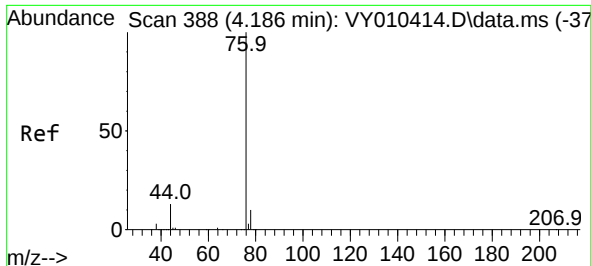
Tgt Ion: 43 Resp: 65421

Ion Ratio Lower Upper

43 100

58 32.6 22.0 33.0

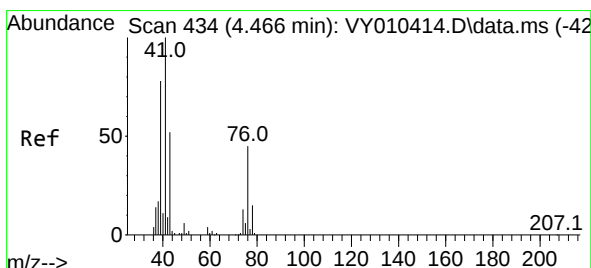
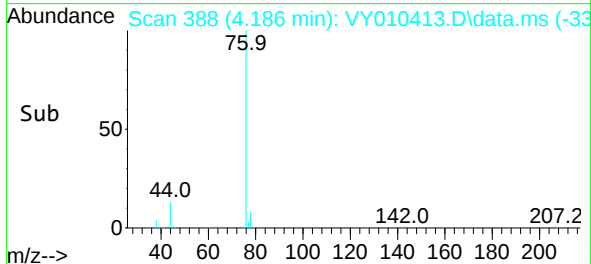
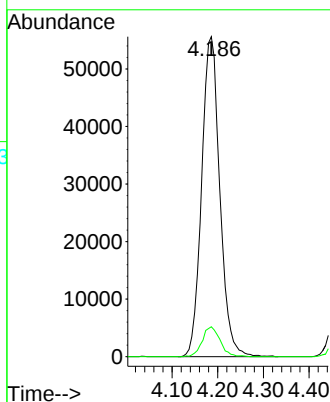
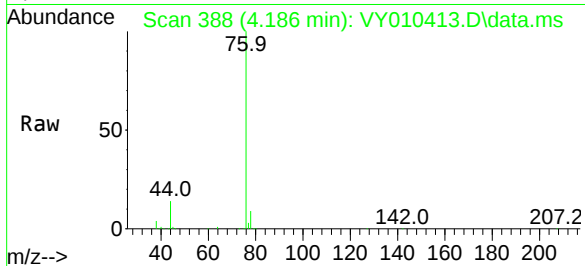




#17
Carbon Disulfide
Concen: 21.684 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

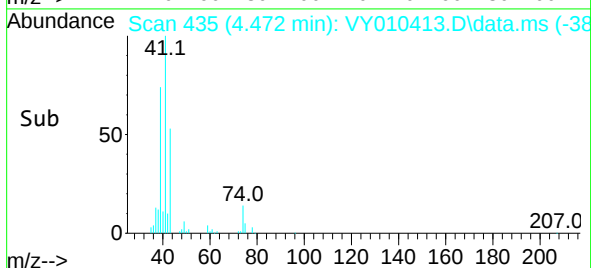
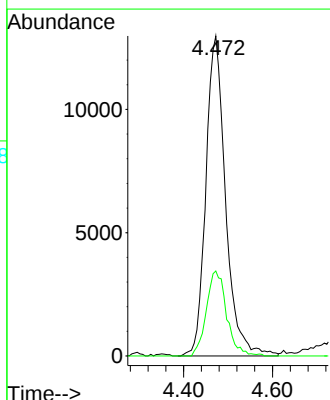
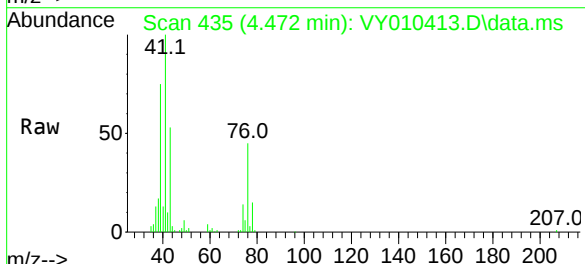
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

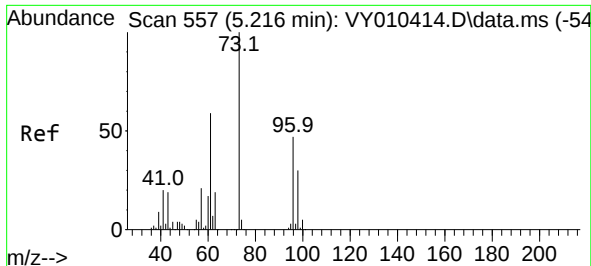
Tgt Ion: 76 Resp: 153418
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 20.774 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion: 43 Resp: 40076
Ion Ratio Lower Upper
43 100
74 27.2 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 20.124 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

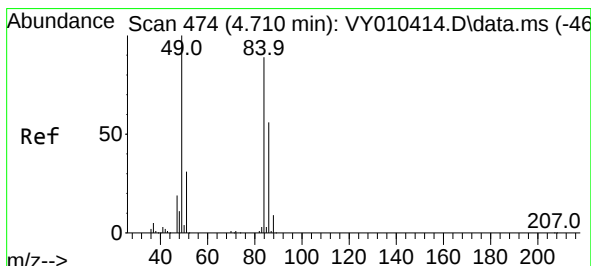
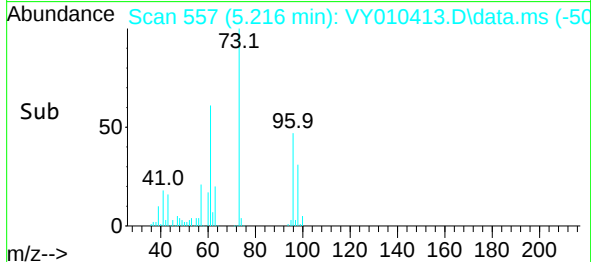
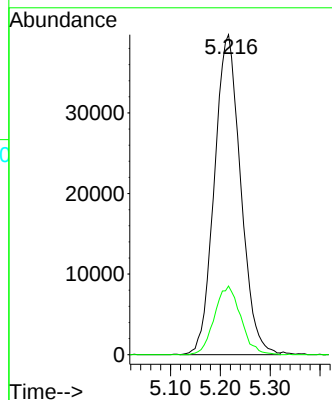
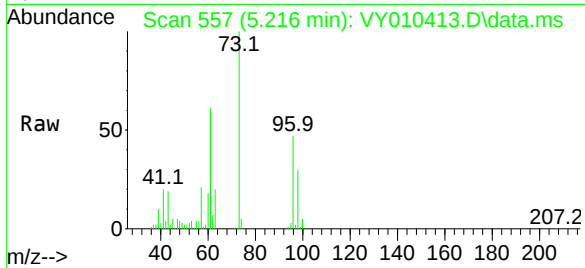
VSTDIC020

Tgt Ion: 73 Resp: 145400

Ion Ratio Lower Upper

73 100

57 21.4 18.6 27.8



#20

Methylene Chloride

Concen: 20.325 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Tgt Ion: 84 Resp: 77784

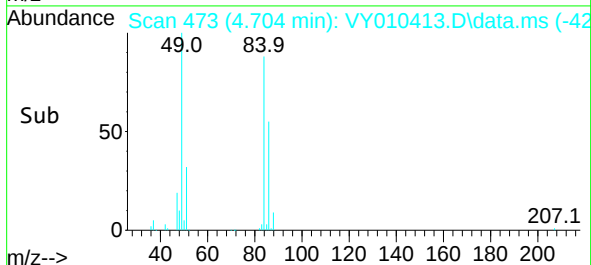
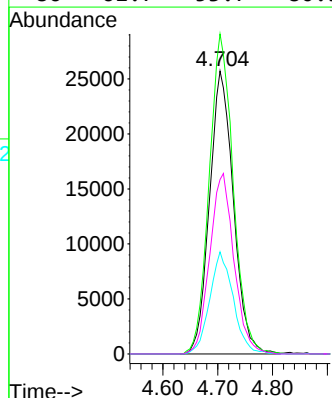
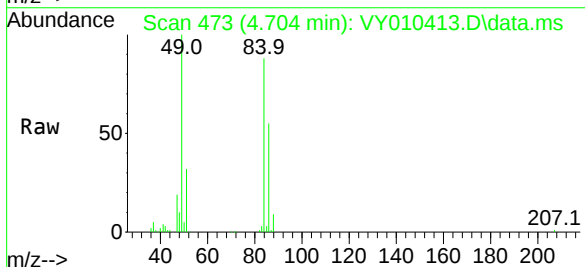
Ion Ratio Lower Upper

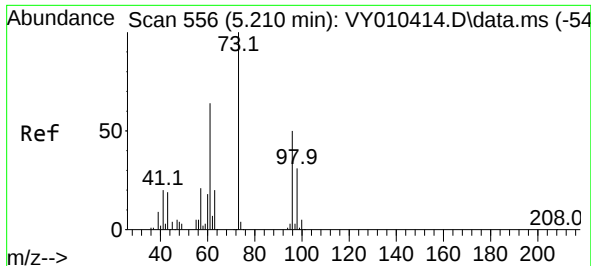
84 100

49 113.1 114.4 171.6#

51 36.1 35.3 52.9

86 61.7 53.7 80.5

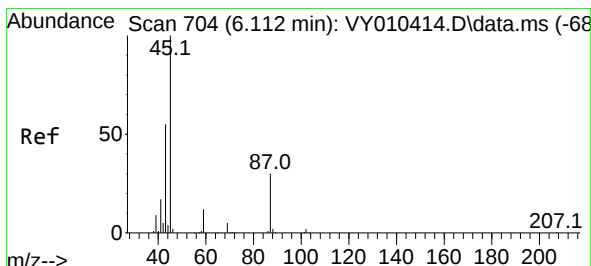
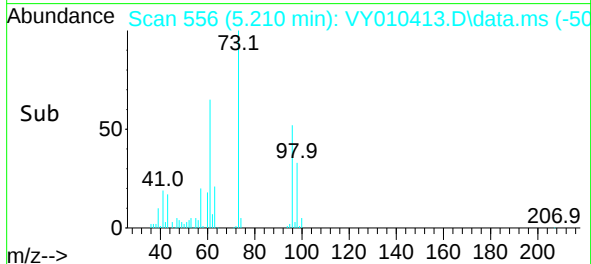
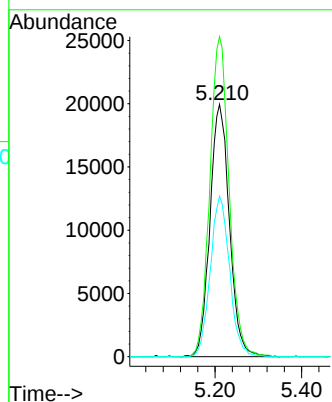
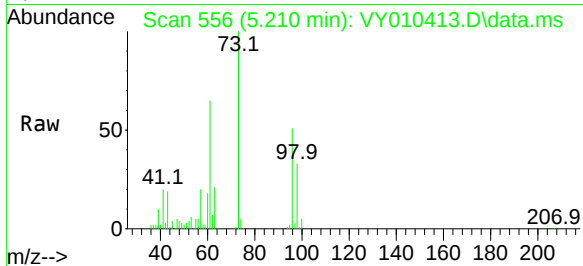




#21
trans-1,2-Dichloroethene
Concen: 20.954 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

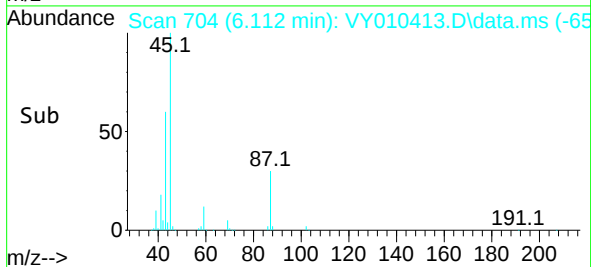
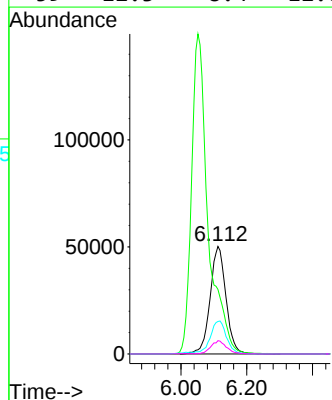
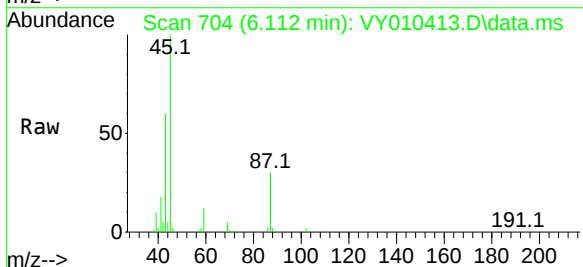
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

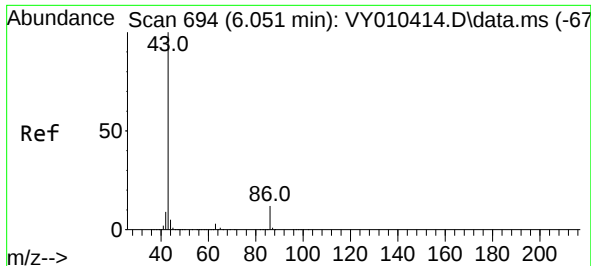
Tgt Ion: 96 Resp: 62247
Ion Ratio Lower Upper
96 100
61 126.8 120.5 180.7
98 63.6 49.8 74.8



#22
Diisopropyl ether
Concen: 20.018 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion: 45 Resp: 168377
Ion Ratio Lower Upper
45 100
43 59.8 49.3 73.9
87 30.2 19.2 28.8#
59 12.3 8.4 12.6

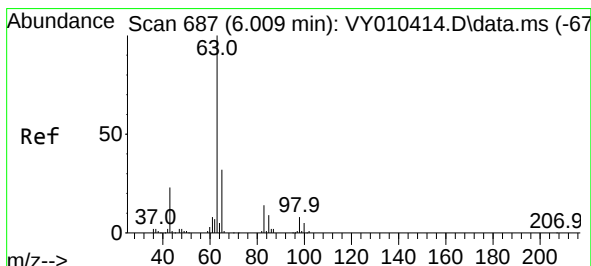
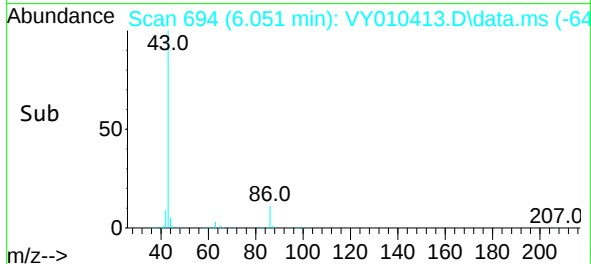
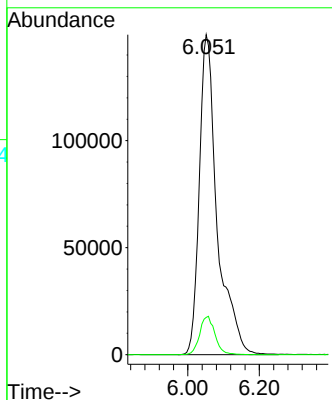
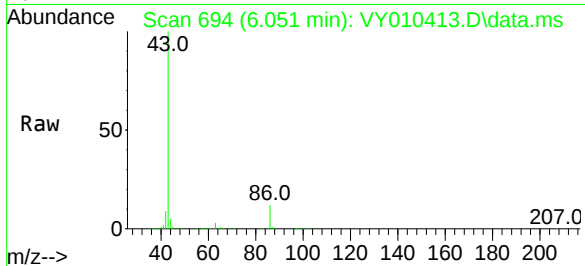




#23
 Vinyl Acetate
 Concen: 100.724 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY010413.D
 Acq: 09 Sep 2022 12:54

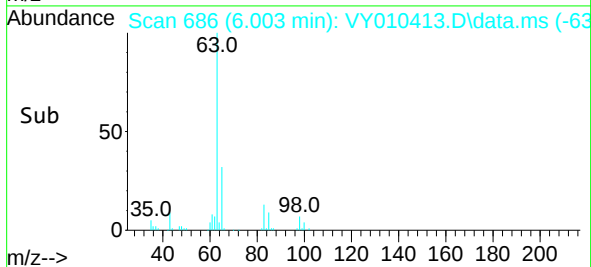
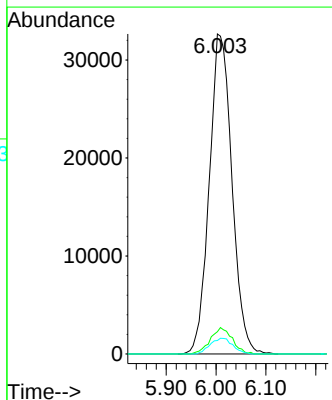
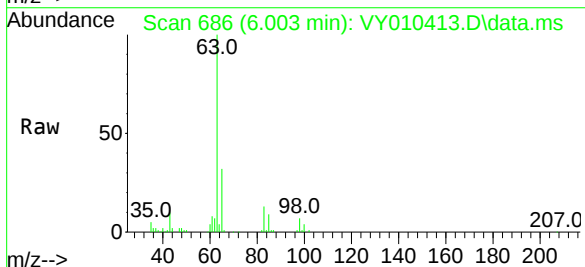
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 519185
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.261 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY010413.D
 Acq: 09 Sep 2022 12:54

Tgt Ion: 63 Resp: 103174
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 100.828 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

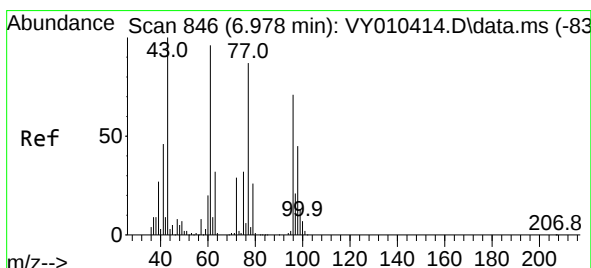
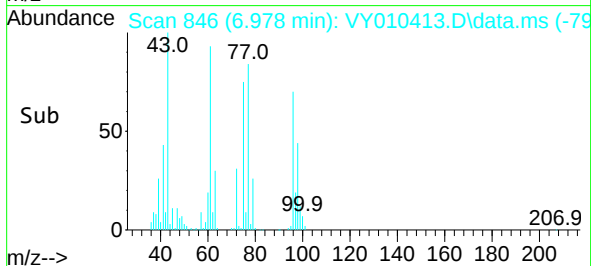
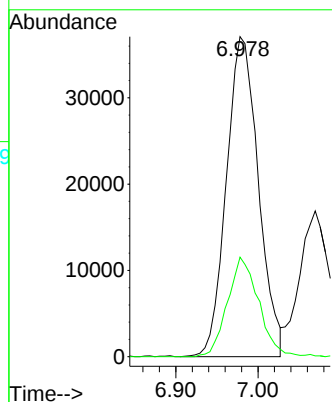
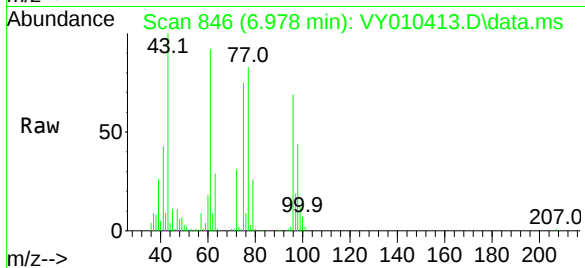
VSTDICC020

Tgt Ion: 43 Resp: 100480

Ion Ratio Lower Upper

43 100

72 31.1 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 19.750 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010413.D

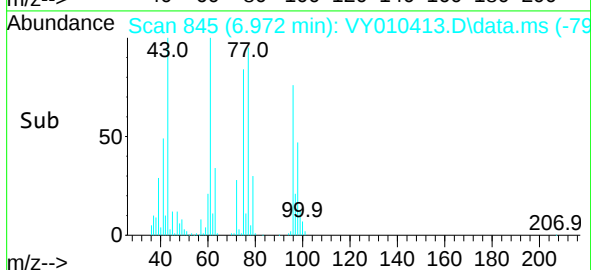
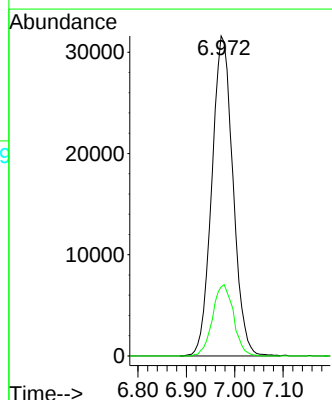
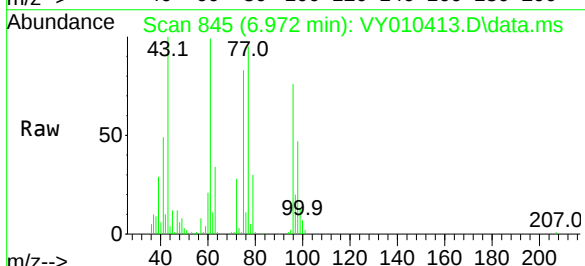
Acq: 09 Sep 2022 12:54

Tgt Ion: 77 Resp: 95965

Ion Ratio Lower Upper

77 100

97 22.0 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 20.333 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

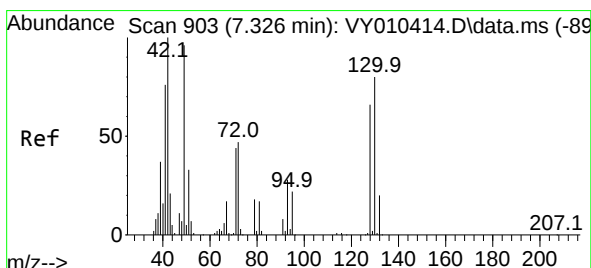
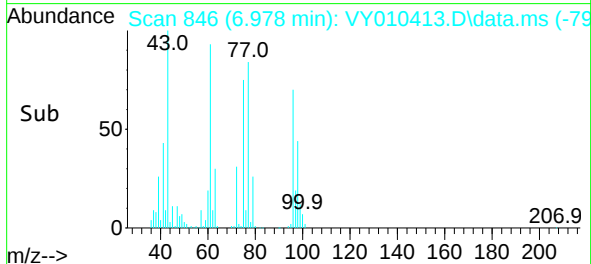
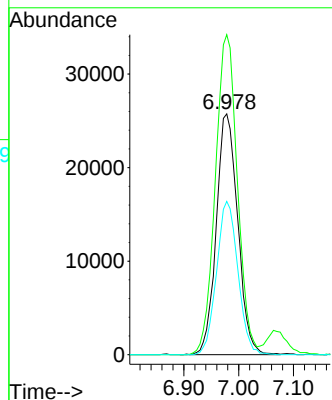
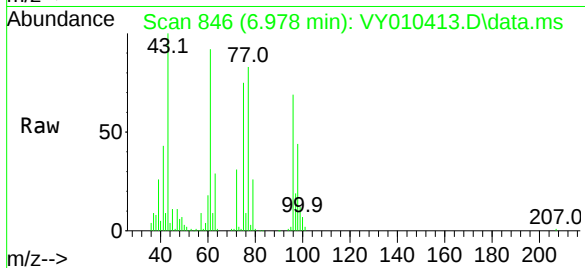
Tgt Ion: 96 Resp: 70211

Ion Ratio Lower Upper

96 100

61 135.9 0.0 319.8

98 63.3 0.0 127.0



#28

Bromochloromethane

Concen: 16.720 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

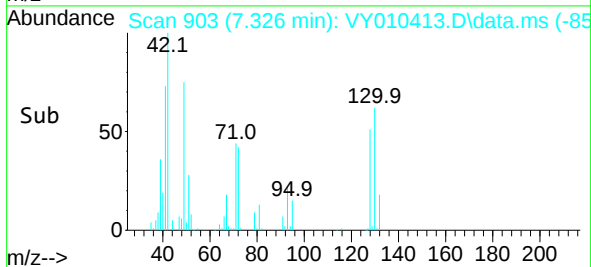
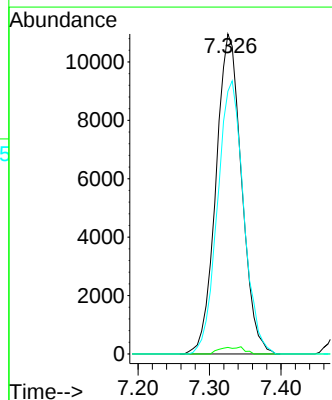
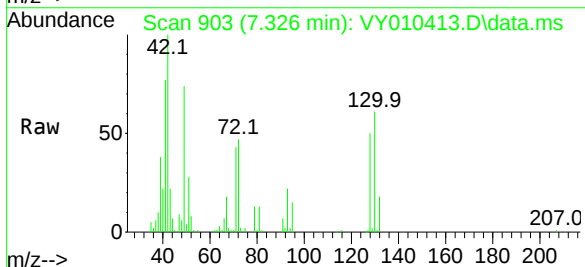
Tgt Ion: 49 Resp: 27298

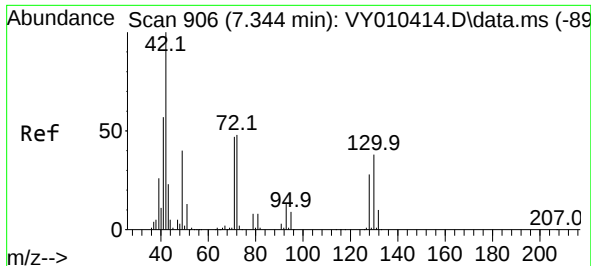
Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.2

130 87.0 55.4 83.0#





#29

Tetrahydrofuran

Concen: 104.317 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

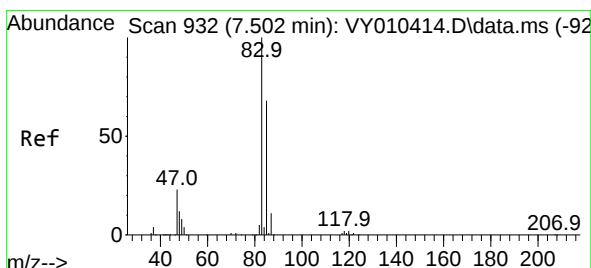
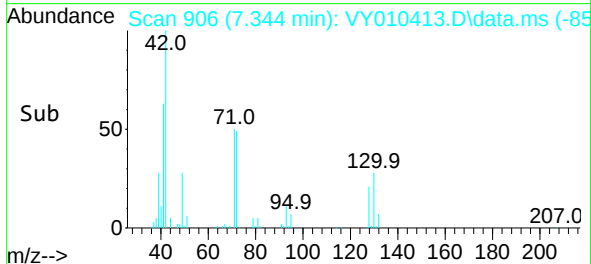
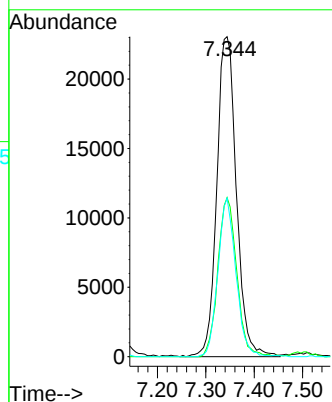
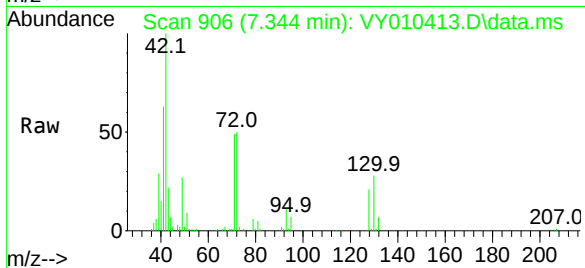
Tgt Ion: 42 Resp: 64881

Ion Ratio Lower Upper

42 100

72 47.9 30.3 45.5#

71 45.4 29.0 43.4#



#30

Chloroform

Concen: 20.300 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY010413.D

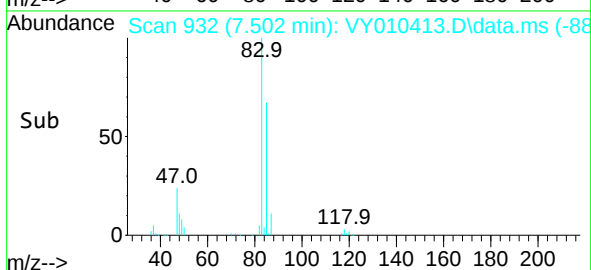
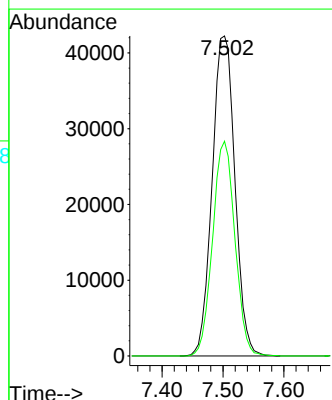
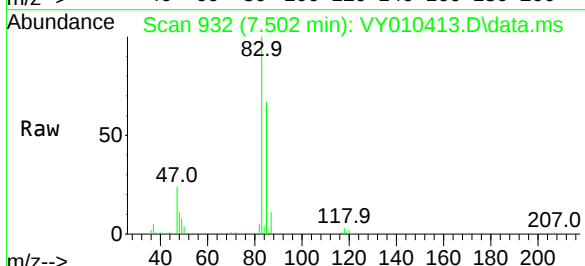
Acq: 09 Sep 2022 12:54

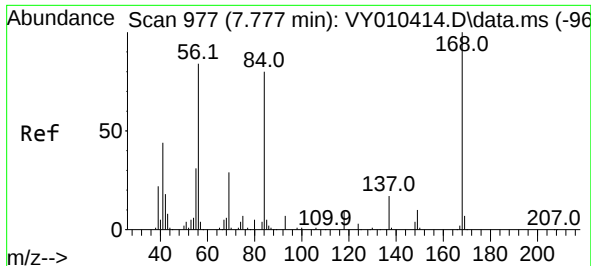
Tgt Ion: 83 Resp: 109649

Ion Ratio Lower Upper

83 100

85 67.1 51.8 77.6

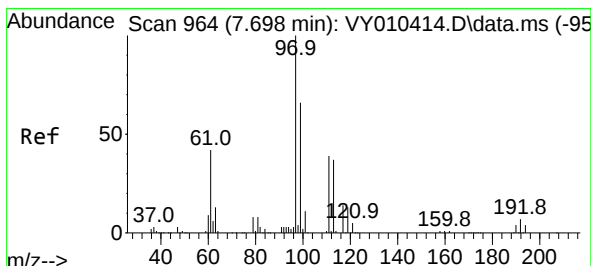
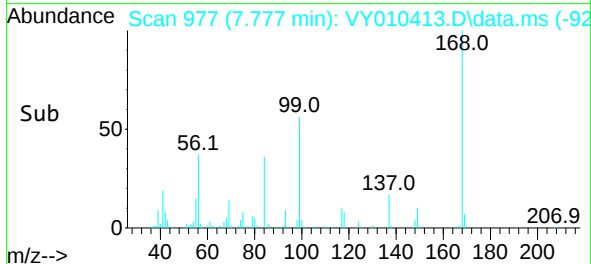
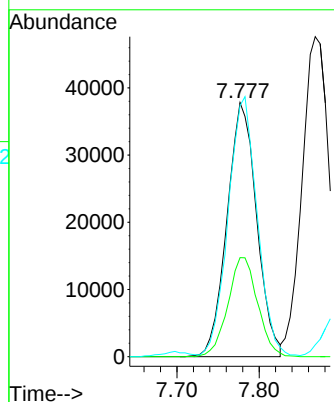
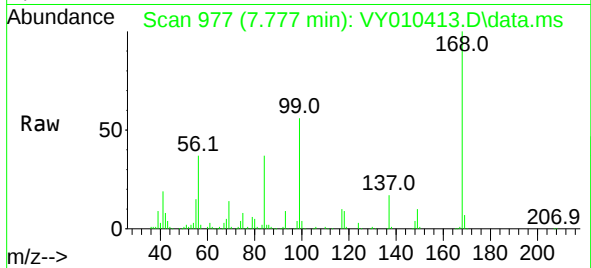




#31
Cyclohexane
Concen: 20.566 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

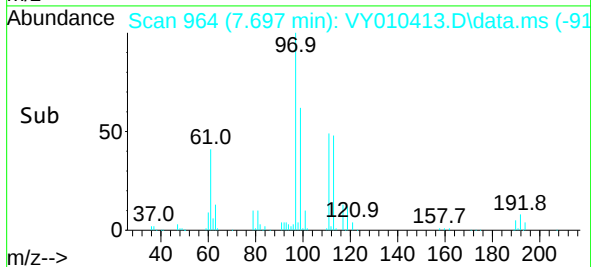
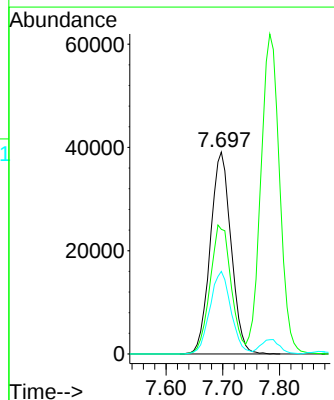
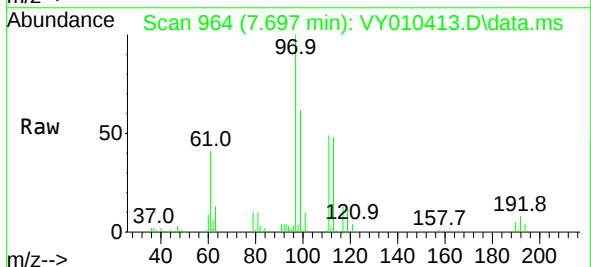
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

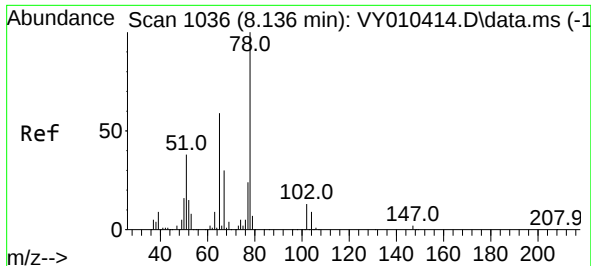
Tgt Ion: 56 Resp: 94934
Ion Ratio Lower Upper
56 100
69 39.0 26.7 40.1
84 97.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 20.301 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion: 97 Resp: 99292
Ion Ratio Lower Upper
97 100
99 65.1 50.7 76.1
61 41.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 19.083 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

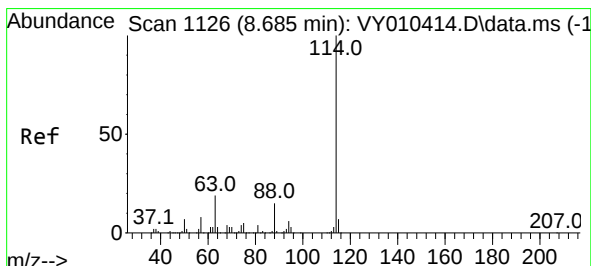
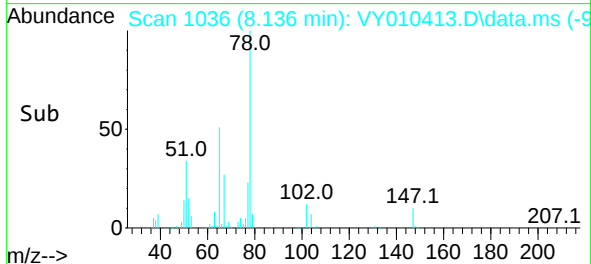
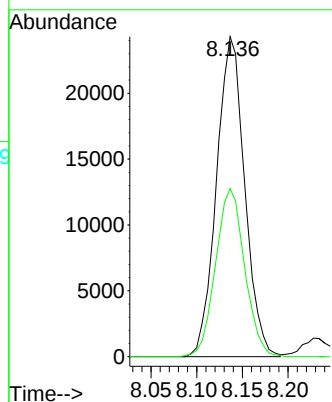
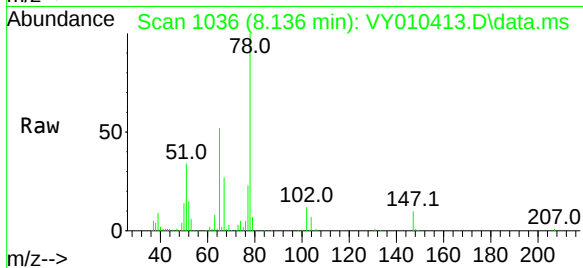
VSTDIC020

Tgt Ion: 65 Resp: 52143

Ion Ratio Lower Upper

65 100

67 53.9 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: VY010413.D

Acq: 09 Sep 2022 12:54

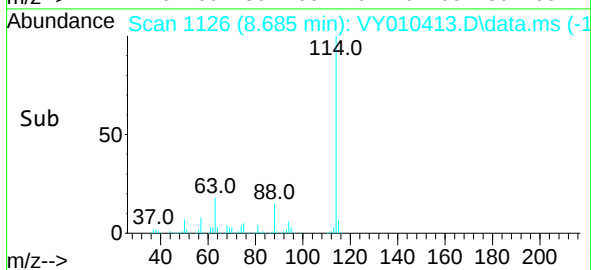
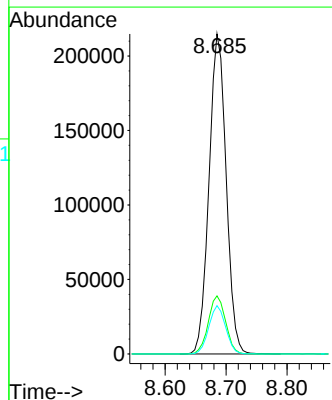
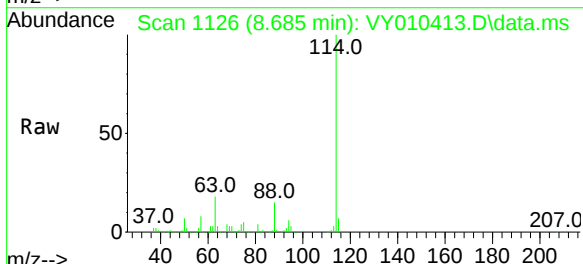
Tgt Ion: 114 Resp: 419733

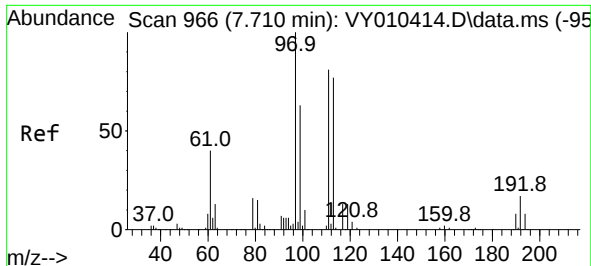
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 15.1 0.0 31.8

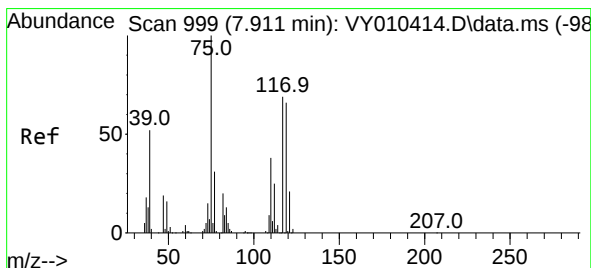
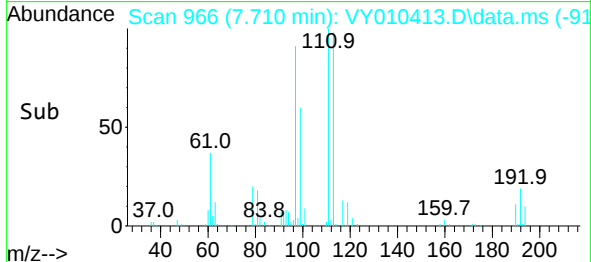
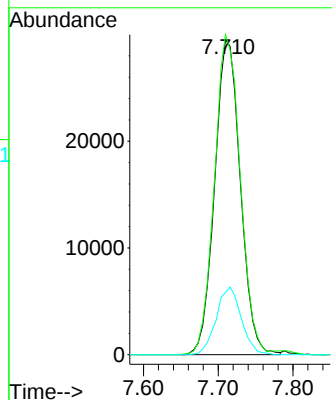
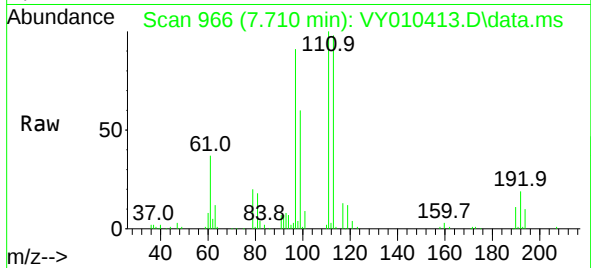




#35
Dibromofluoromethane
Concen: 23.640 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

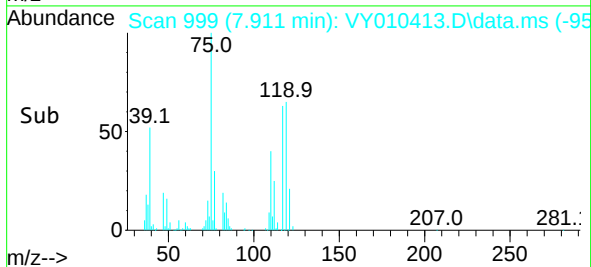
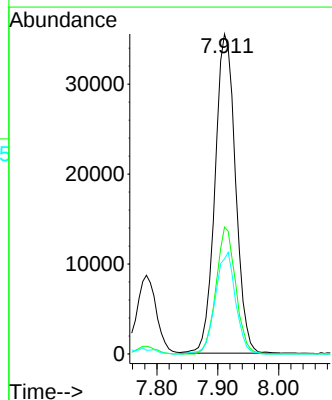
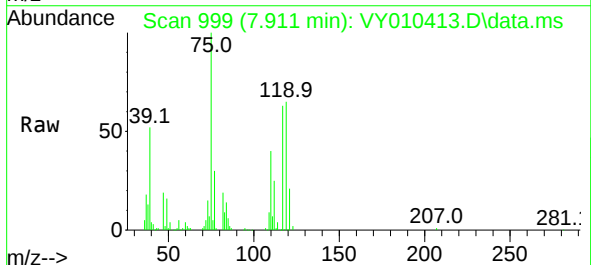
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

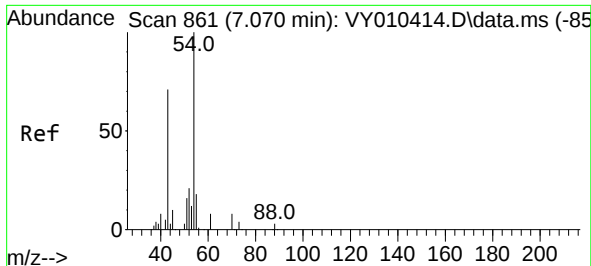
Tgt Ion:113 Resp: 70469
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 21.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 20.272 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion: 75 Resp: 82729
Ion Ratio Lower Upper
75 100
110 38.0 17.1 51.2
77 31.6 24.4 36.6

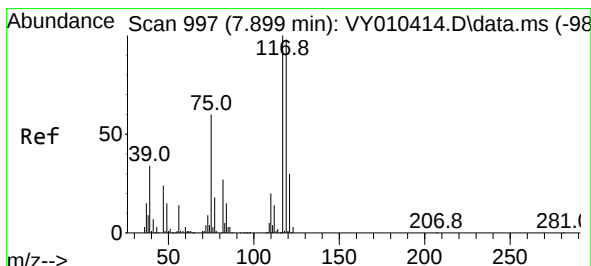
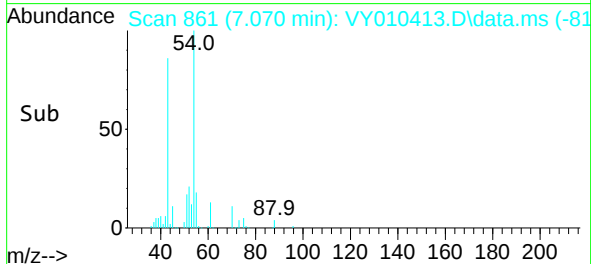
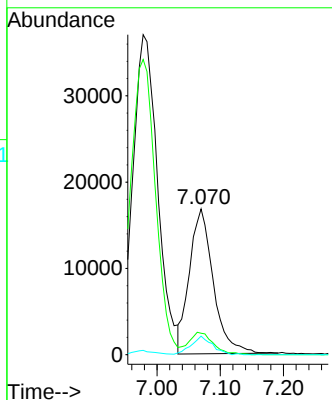
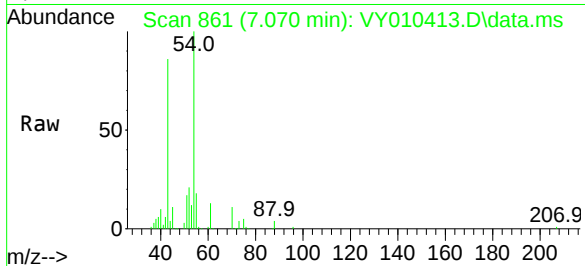




#37
Ethyl Acetate
Concen: 20.515 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

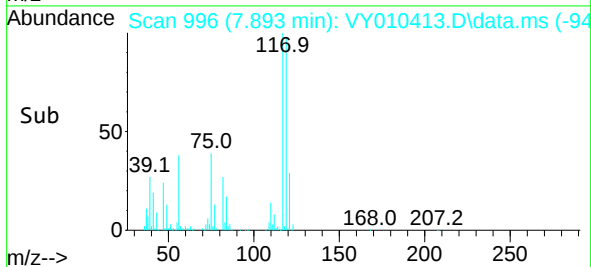
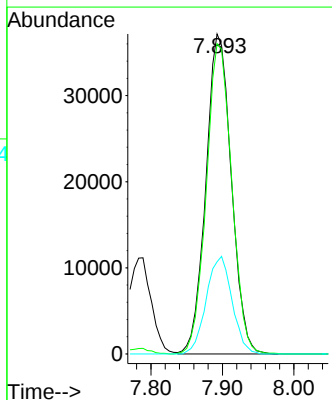
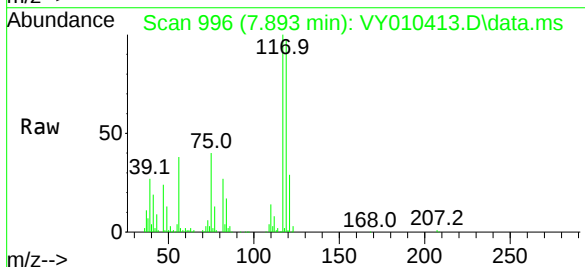
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 44012
Ion Ratio Lower Upper
43 100
61 15.3 9.7 14.5#
70 11.2 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 20.264 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion: 117 Resp: 92001
Ion Ratio Lower Upper
117 100
119 96.8 77.9 116.9
121 28.8 24.8 37.2

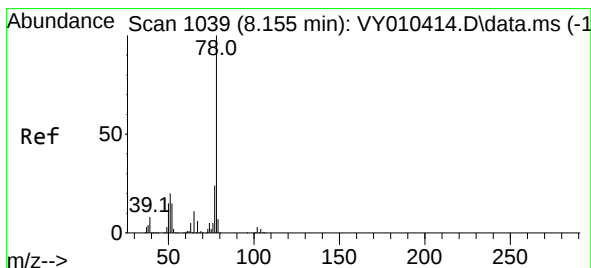
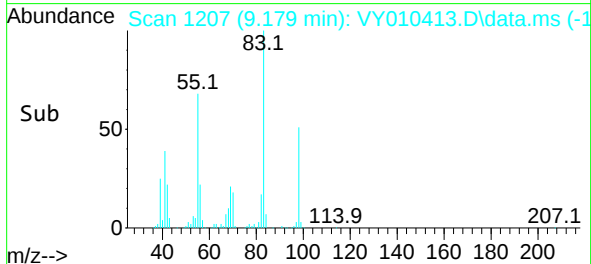
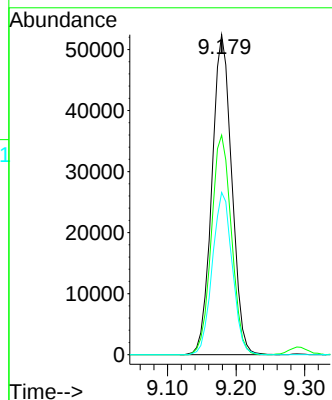
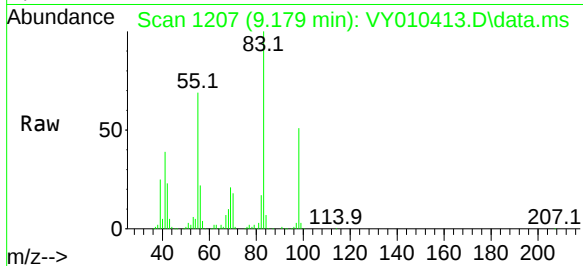




#39
Methylcyclohexane
Concen: 20.722 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

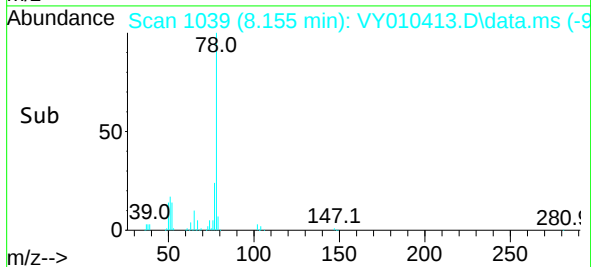
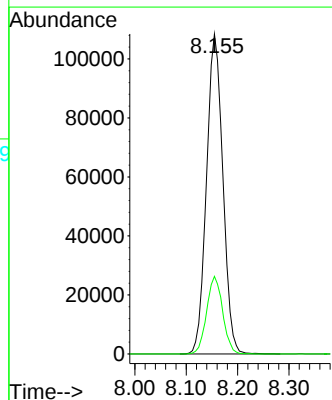
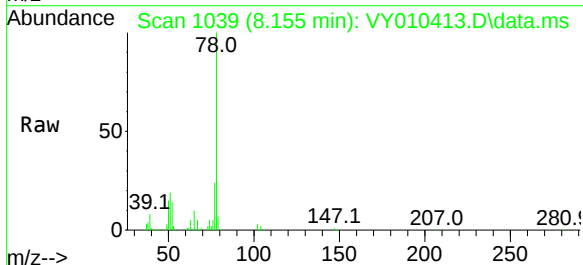
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

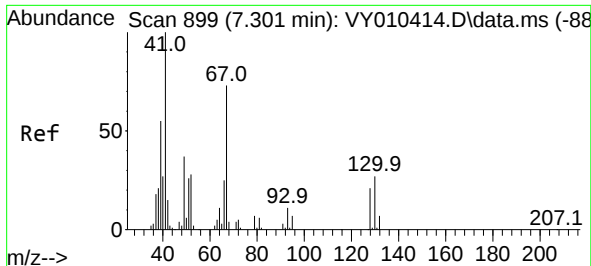
Tgt Ion: 83 Resp: 105446
Ion Ratio Lower Upper
83 100
55 68.6 66.5 99.7
98 50.7 37.9 56.9



#40
Benzene
Concen: 20.373 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion: 78 Resp: 239336
Ion Ratio Lower Upper
78 100
77 24.3 20.4 30.6

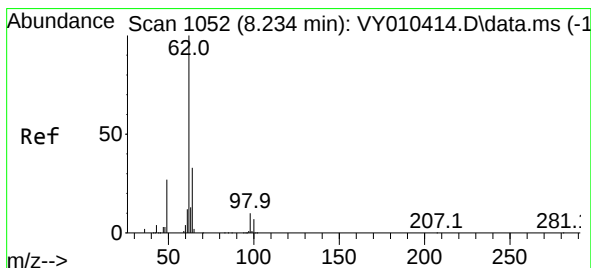
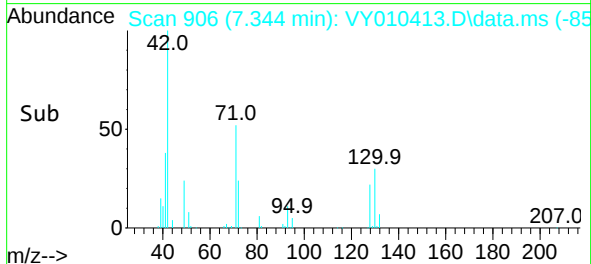
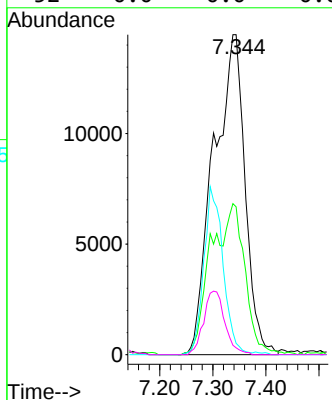
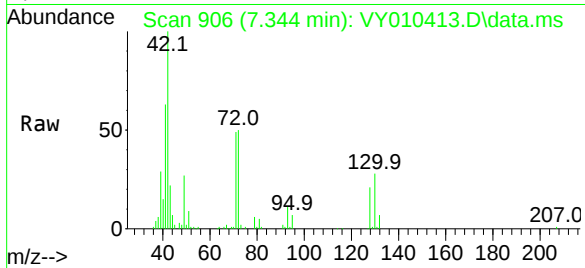




#41
Methacrylonitrile
Concen: 51.124 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.043 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

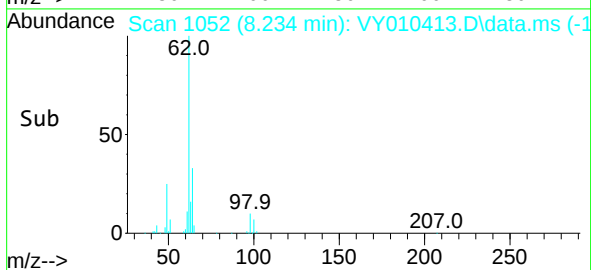
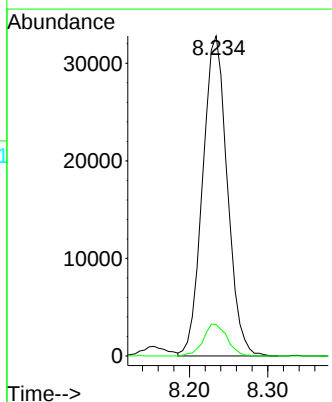
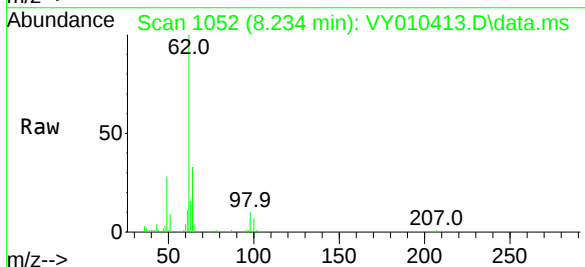
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

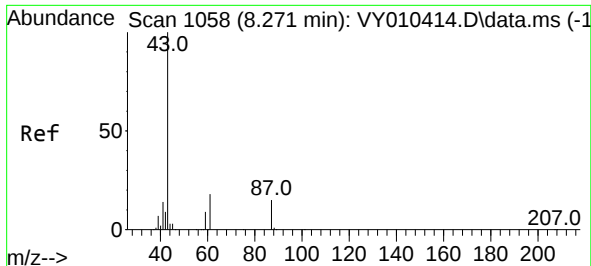
Tgt Ion: 41 Resp: 59488
Ion Ratio Lower Upper
41 100
39 27.9 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.514 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion: 62 Resp: 71666
Ion Ratio Lower Upper
62 100
98 9.6 0.0 14.8

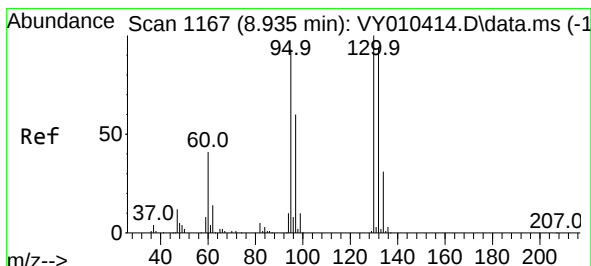
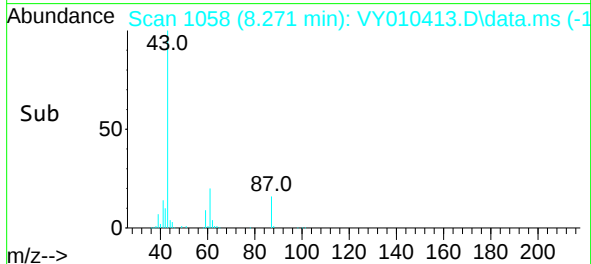
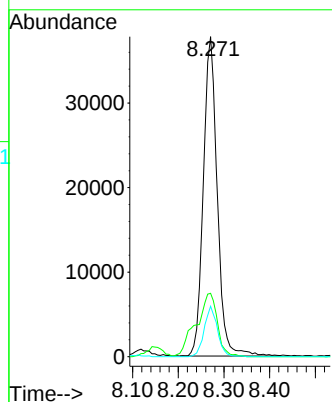
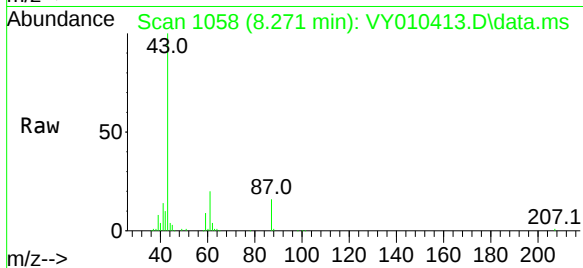




#43
Isopropyl Acetate
Concen: 20.329 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

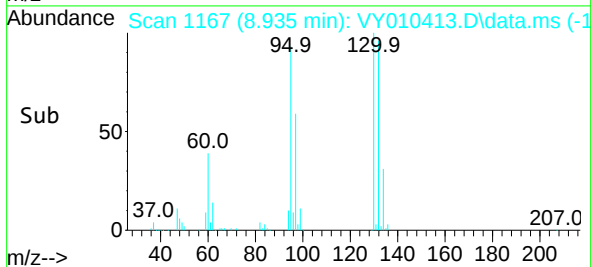
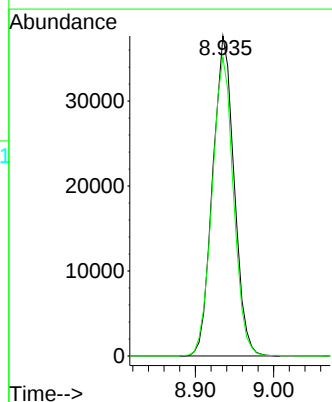
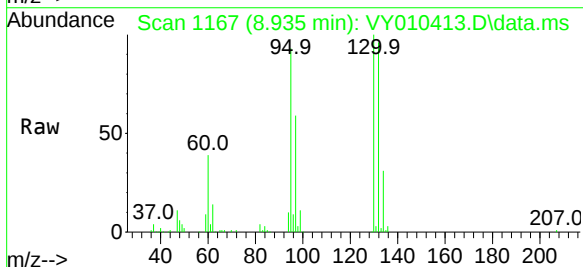
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

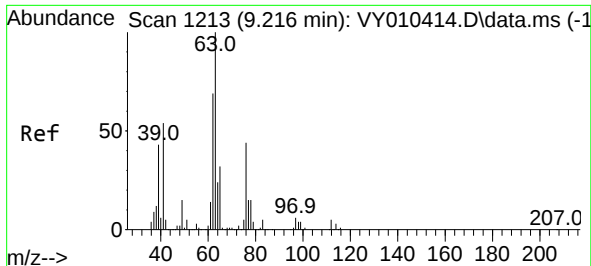
Tgt Ion: 43 Resp: 79815
Ion Ratio Lower Upper
43 100
61 30.5 20.2 30.2#
87 15.1 8.9 13.3#



#44
Trichloroethene
Concen: 20.694 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion: 130 Resp: 71561
Ion Ratio Lower Upper
130 100
95 93.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 20.045 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

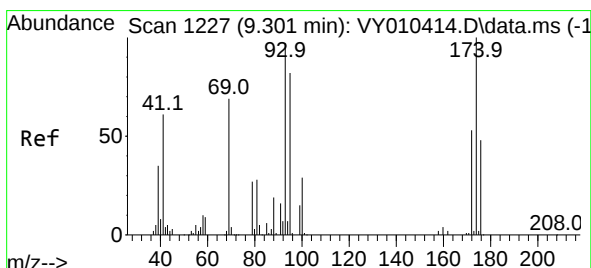
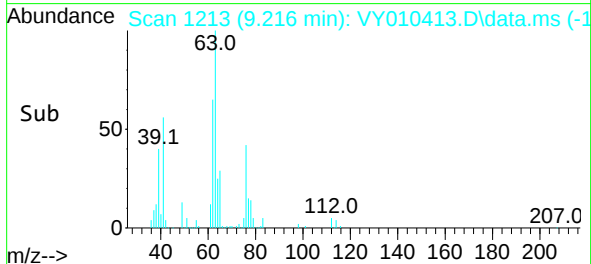
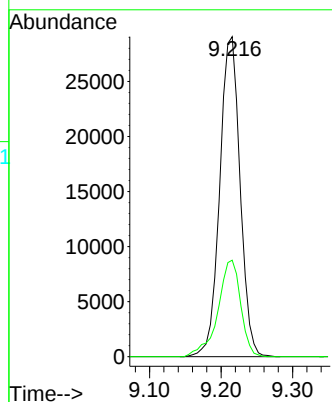
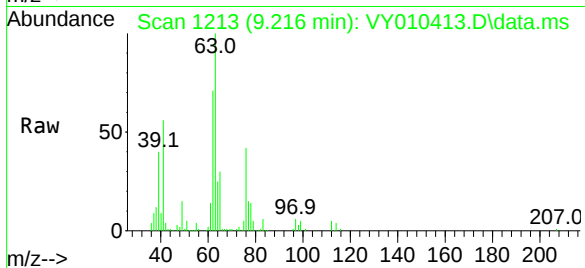
VSTDIC020

Tgt Ion: 63 Resp: 57431

Ion Ratio Lower Upper

63 100

65 30.2 23.0 34.6



#46

Dibromomethane

Concen: 20.576 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

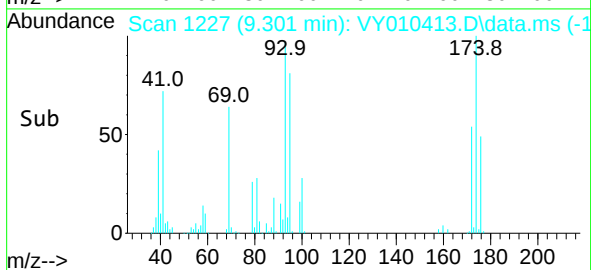
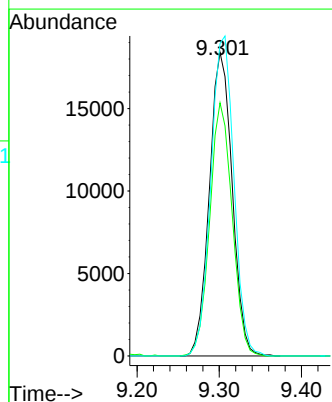
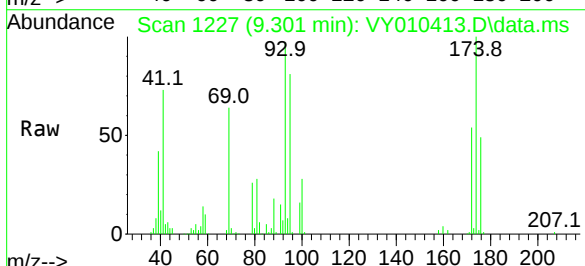
Tgt Ion: 93 Resp: 35551

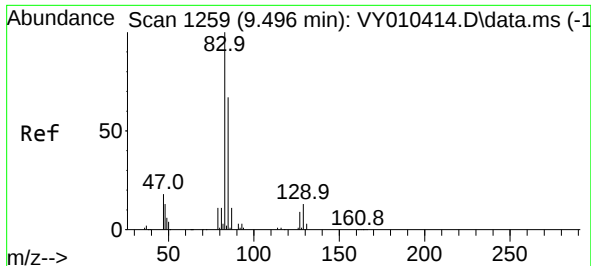
Ion Ratio Lower Upper

93 100

95 81.8 64.3 96.5

174 106.4 83.4 125.0

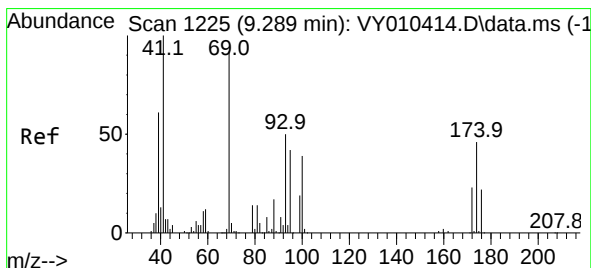
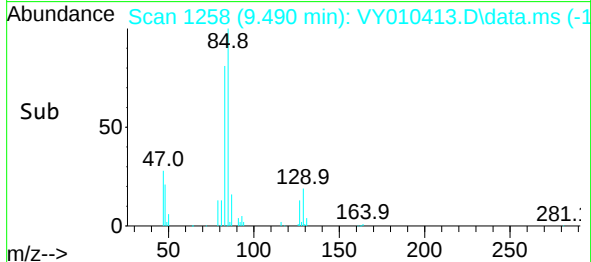
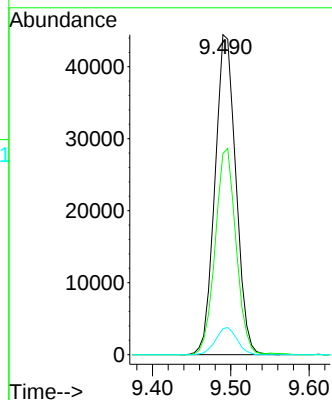
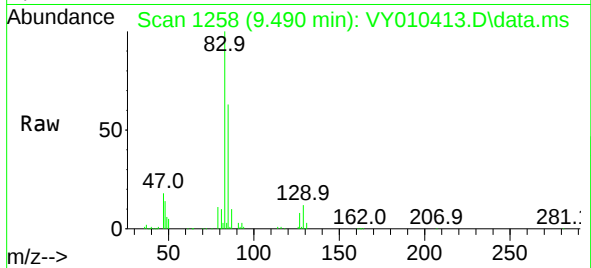




#47
Bromodichloromethane
Concen: 20.118 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

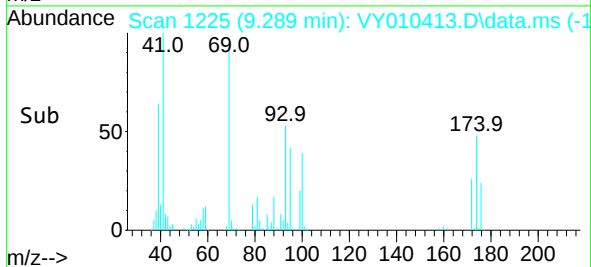
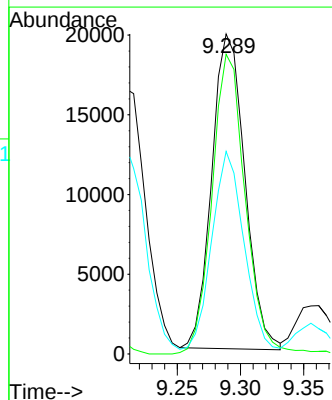
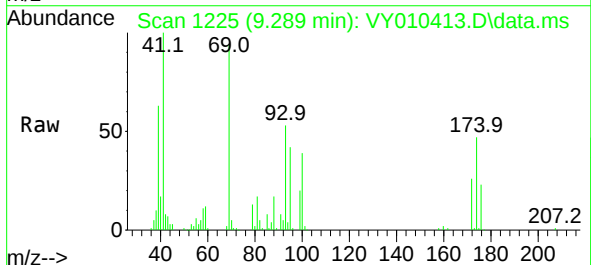
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

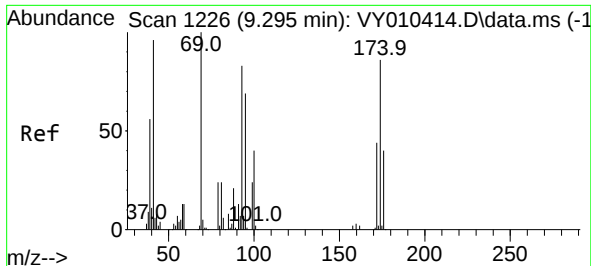
Tgt Ion: 83 Resp: 82563
Ion Ratio Lower Upper
83 100
85 62.9 51.9 77.9
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 20.381 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion: 41 Resp: 35938
Ion Ratio Lower Upper
41 100
69 95.9 58.2 87.2#
39 60.9 47.4 71.0





#49

1,4-Dioxane

Concen: 409.499 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

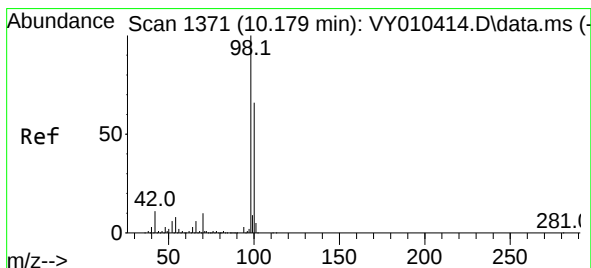
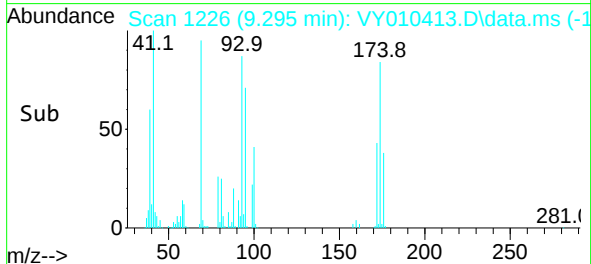
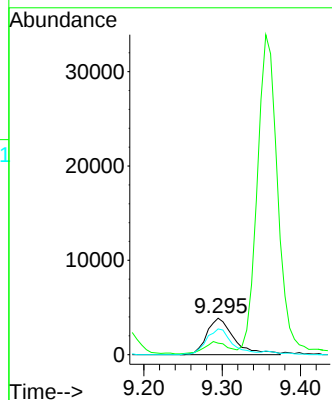
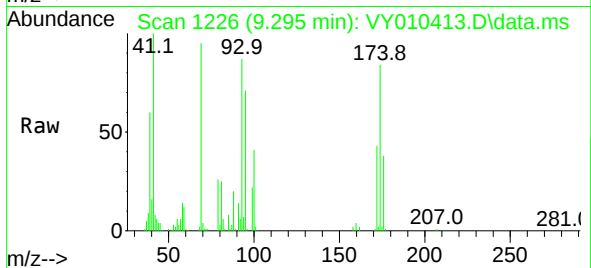
Tgt Ion: 88 Resp: 9366

Ion Ratio Lower Upper

88 100

43 28.9 32.8 49.2#

58 66.4 59.8 89.6



#50

Toluene-d8

Concen: 17.227 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010413.D

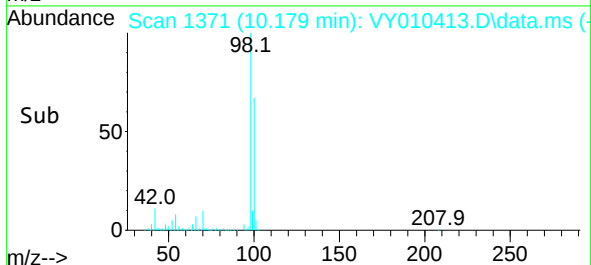
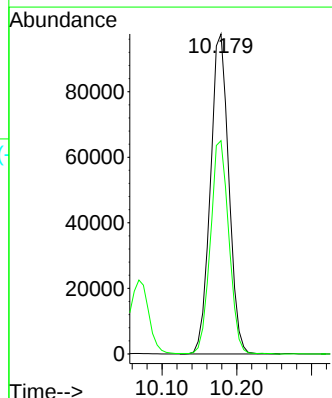
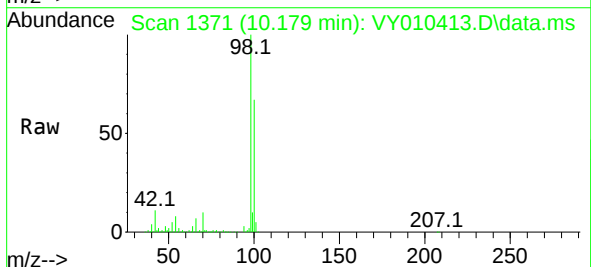
Acq: 09 Sep 2022 12:54

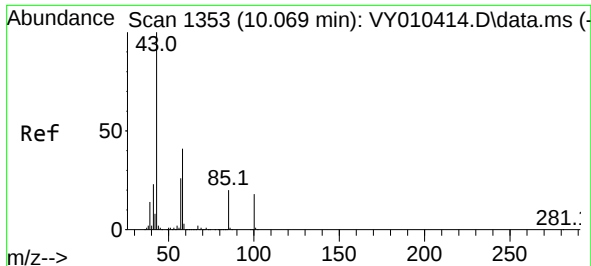
Tgt Ion: 98 Resp: 166428

Ion Ratio Lower Upper

98 100

100 66.9 50.2 75.2

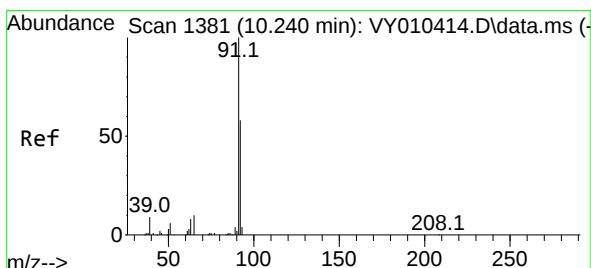
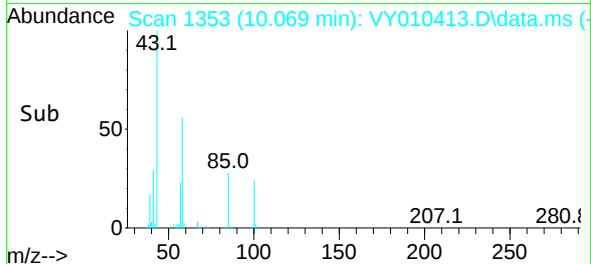
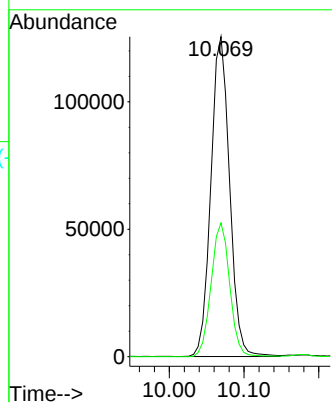
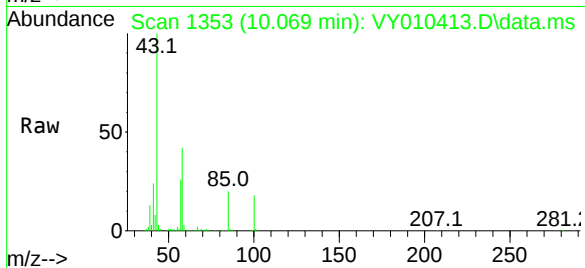




#51
4-Methyl-2-Pentanone
Concen: 101.392 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

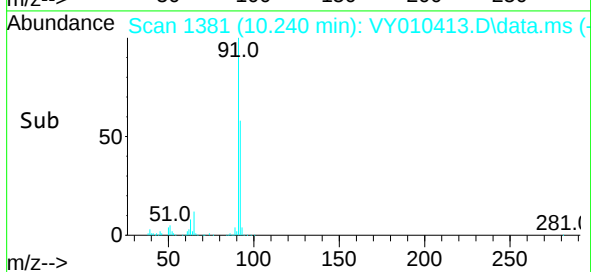
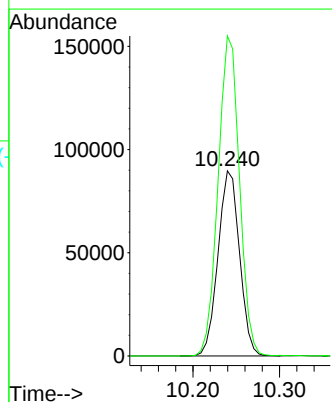
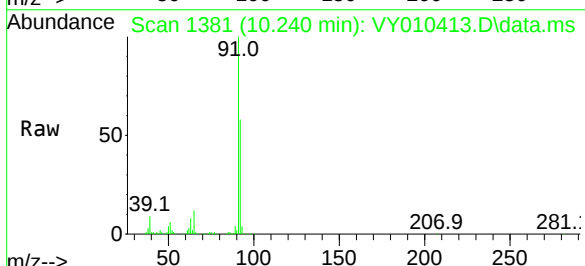
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

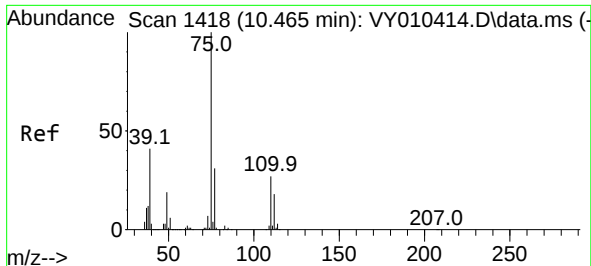
Tgt Ion: 43 Resp: 218350
Ion Ratio Lower Upper
43 100
58 41.5 28.1 42.1



#52
Toluene
Concen: 20.118 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion: 92 Resp: 154662
Ion Ratio Lower Upper
92 100
91 172.0 142.6 213.8

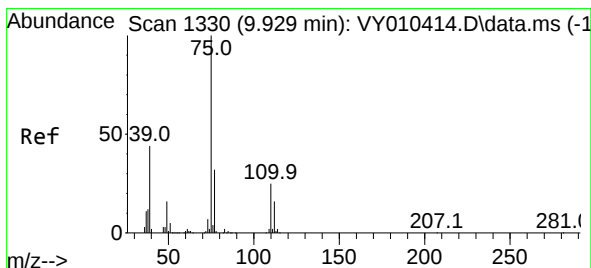
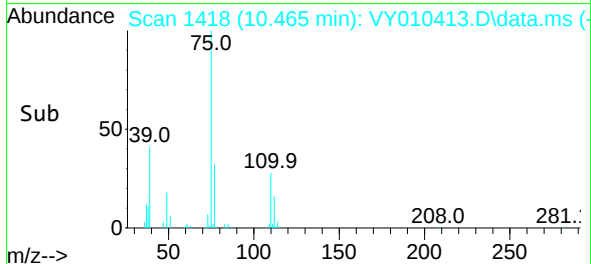
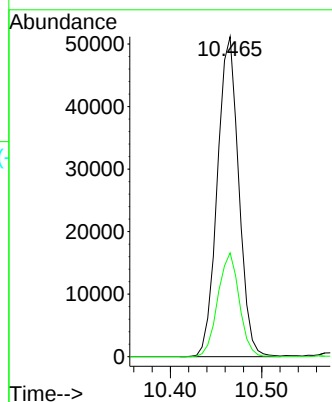
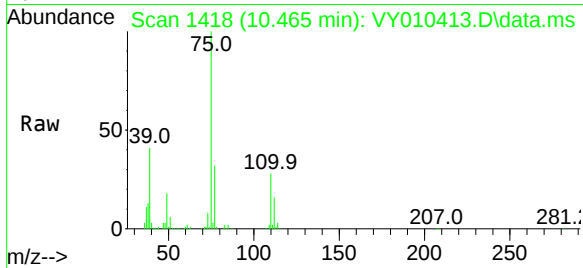




#53
t-1,3-Dichloropropene
Concen: 19.725 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

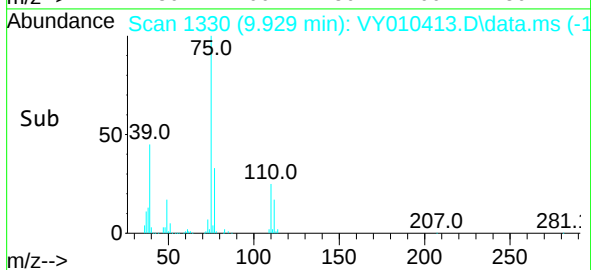
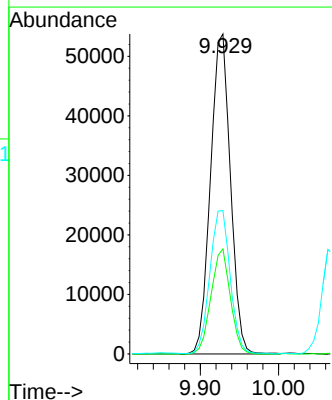
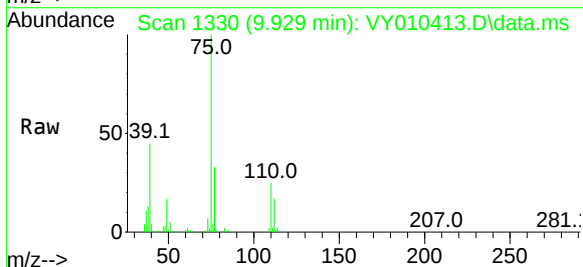
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

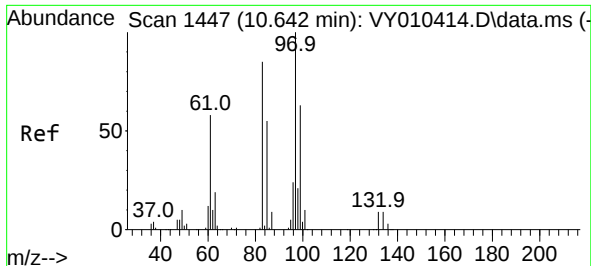
Tgt Ion: 75 Resp: 83309
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.960 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion: 75 Resp: 95083
Ion Ratio Lower Upper
75 100
77 32.9 25.6 38.4
39 44.7 47.6 71.4#

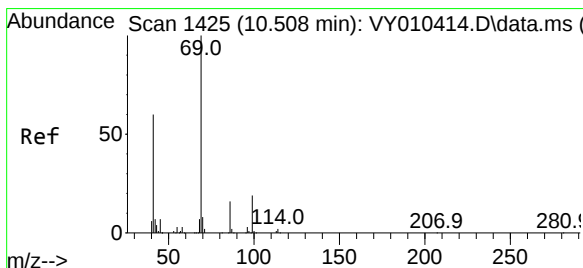
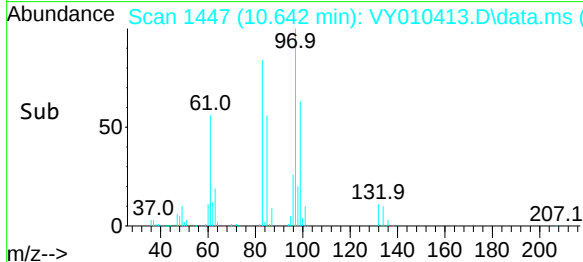
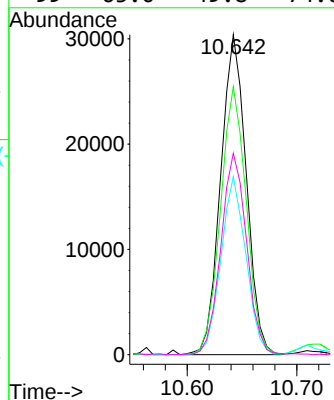
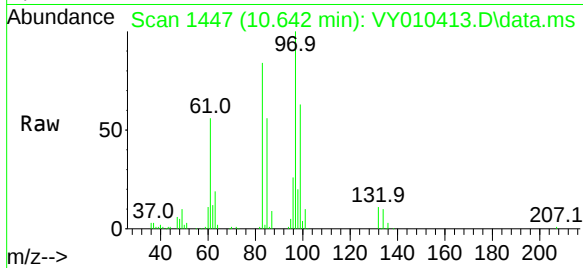




#55
1,1,2-Trichloroethane
Concen: 20.088 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

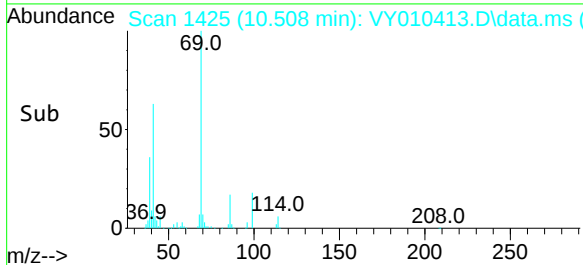
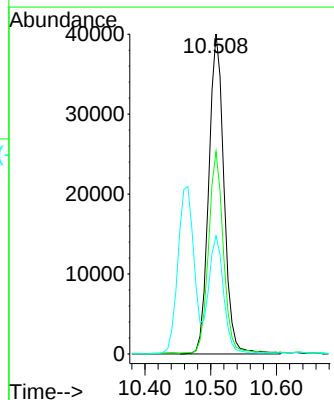
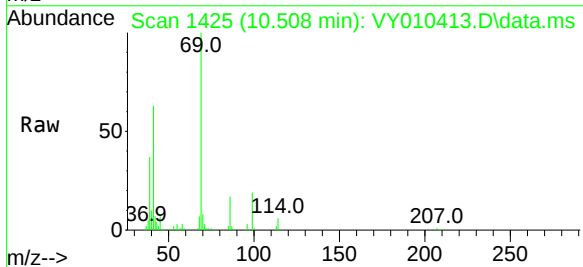
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

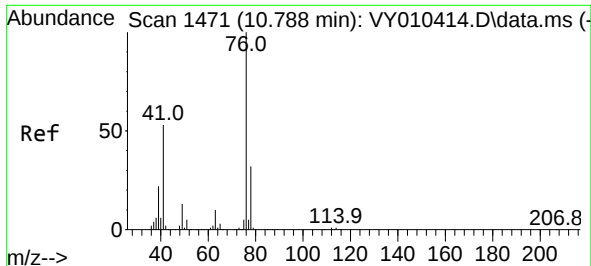
Tgt Ion:	97	Resp:	49371
Ion	Ratio	Lower	Upper
97	100		
83	83.8	69.8	104.8
85	55.6	44.3	66.5
99	63.0	49.8	74.6



#56
Ethyl methacrylate
Concen: 20.023 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion:	69	Resp:	64629
Ion	Ratio	Lower	Upper
69	100		
41	60.3	63.4	95.0#
39	36.3	35.8	53.8





#57

1,3-Dichloropropane

Concen: 20.558 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

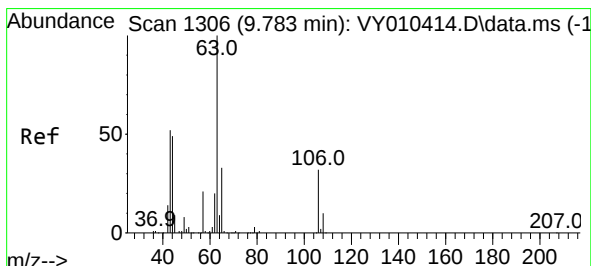
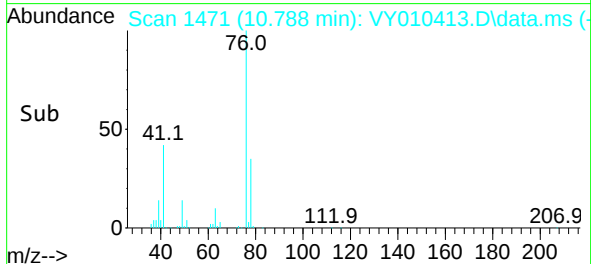
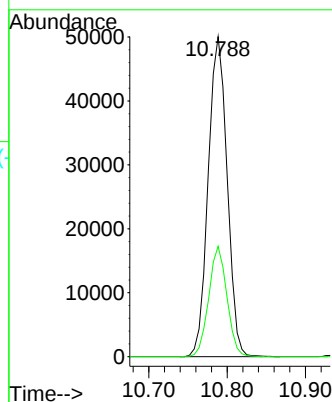
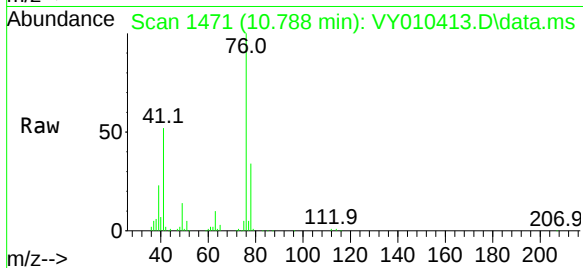
VSTDICC020

Tgt Ion: 76 Resp: 84015

Ion Ratio Lower Upper

76 100

78 33.0 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 122.183 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY010413.D

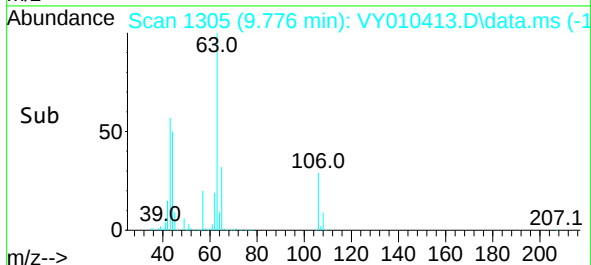
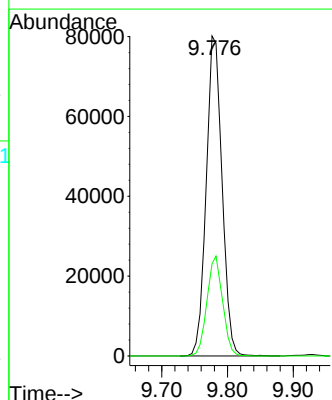
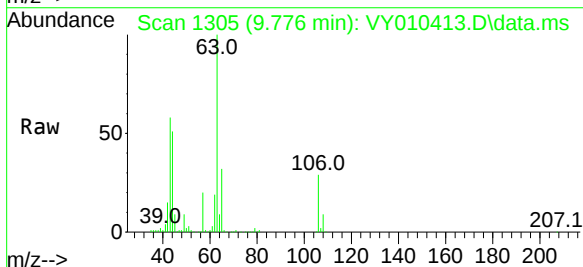
Acq: 09 Sep 2022 12:54

Tgt Ion: 63 Resp: 134163

Ion Ratio Lower Upper

63 100

106 30.8 21.5 32.3

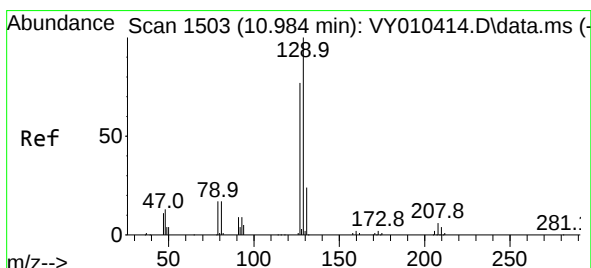
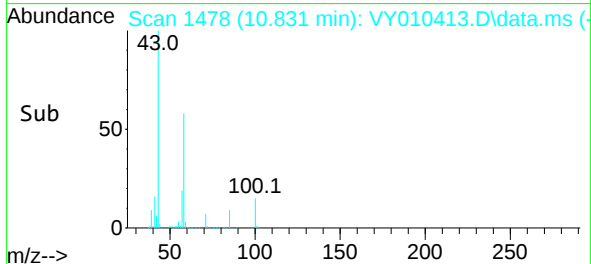
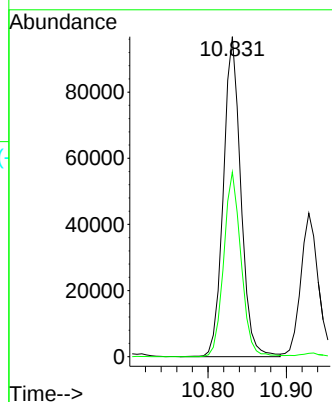
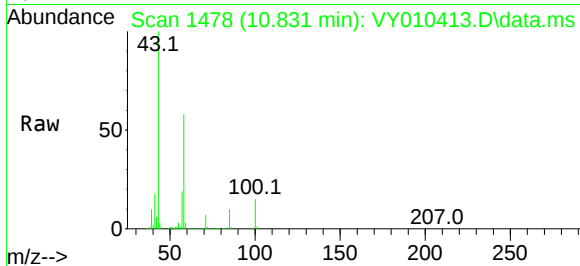




#59
2-Hexanone
Concen: 102.381 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

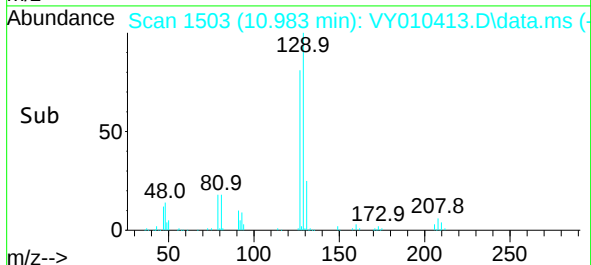
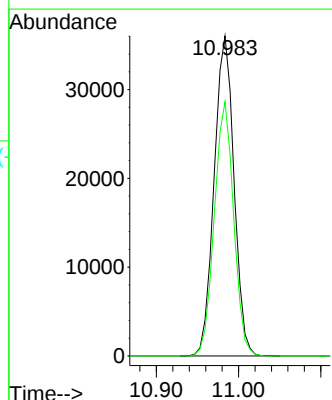
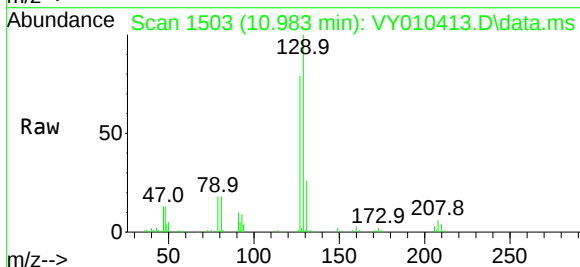
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

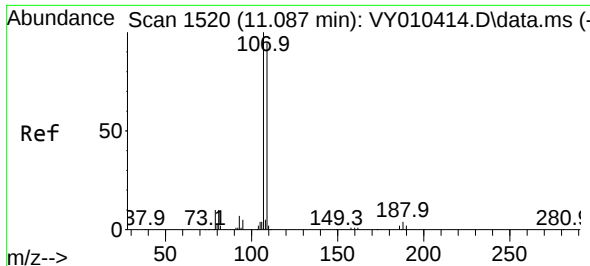
Tgt Ion: 43 Resp: 150291
Ion Ratio Lower Upper
43 100
58 57.2 24.4 73.4



#60
Dibromochloromethane
Concen: 20.133 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion: 129 Resp: 60469
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

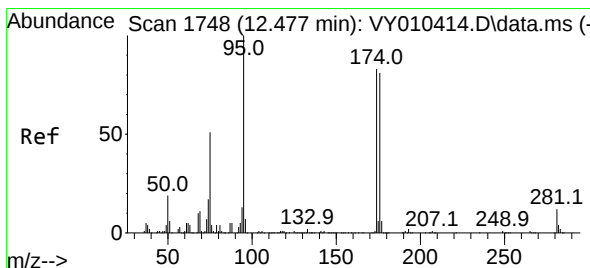
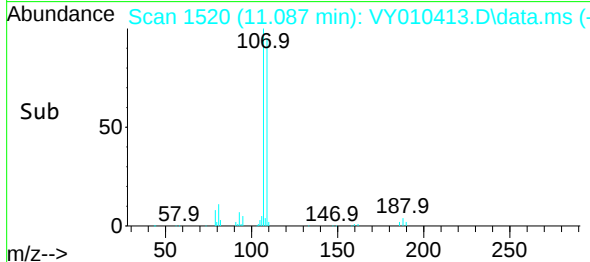
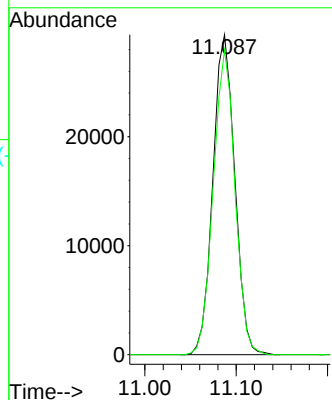
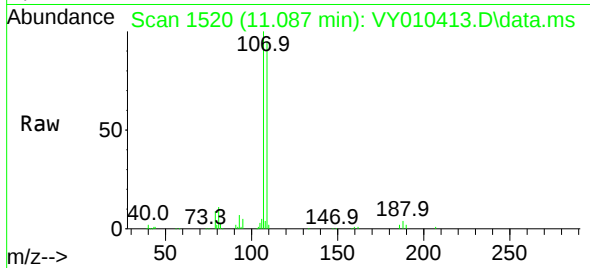




#61
1,2-Dibromoethane
Concen: 20.456 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

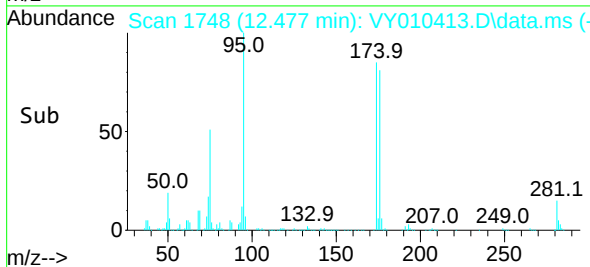
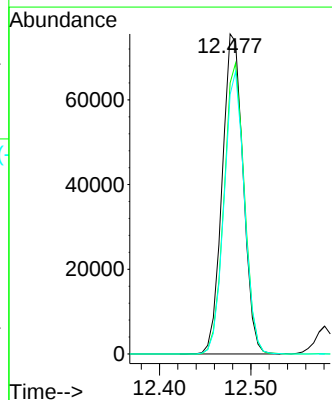
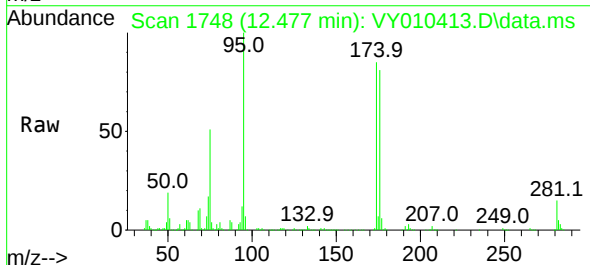
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

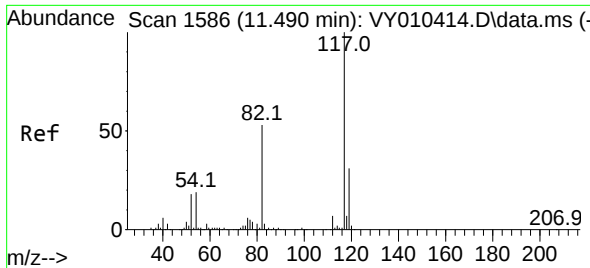
Tgt Ion:107 Resp: 48805
Ion Ratio Lower Upper
107 100
109 94.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 27.068 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion: 95 Resp: 120005
Ion Ratio Lower Upper
95 100
174 88.5 0.0 177.0
176 85.7 0.0 175.8

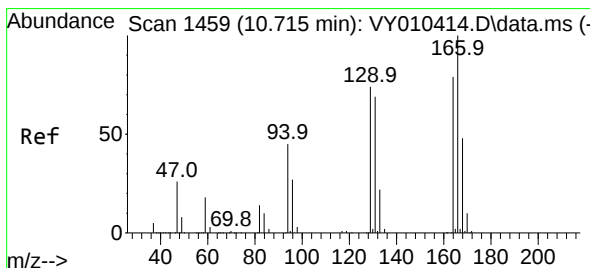
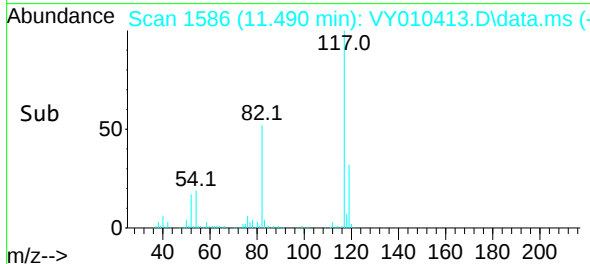
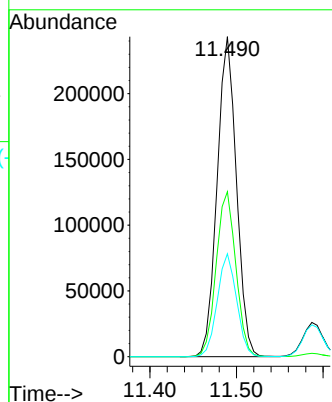
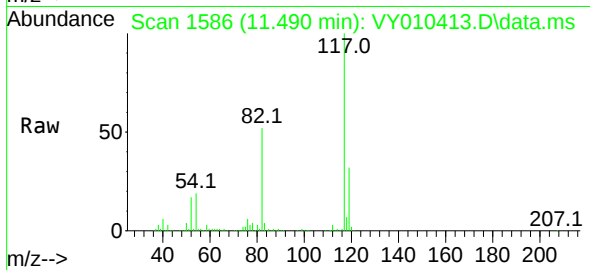




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

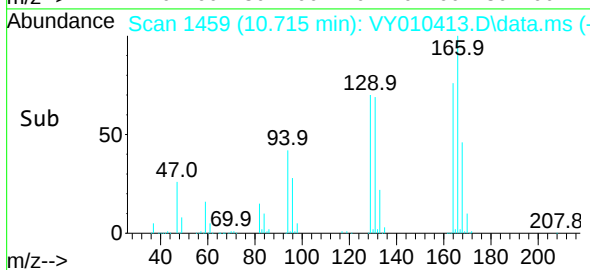
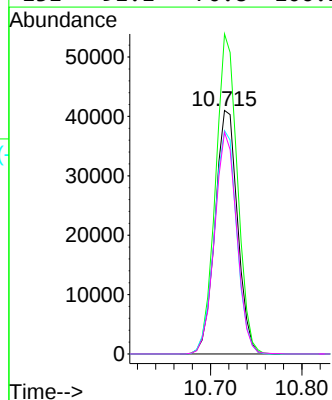
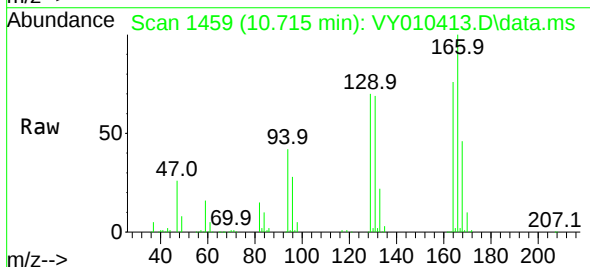
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

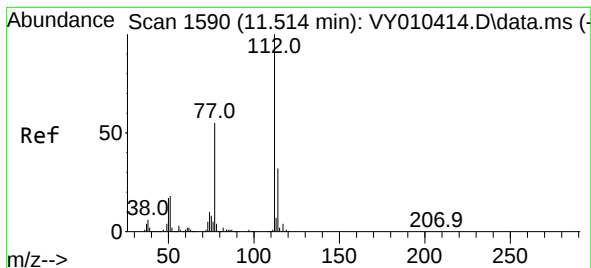
Tgt Ion:117 Resp: 377152
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 20.582 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion:164 Resp: 69968
Ion Ratio Lower Upper
164 100
166 131.4 100.4 150.6
129 91.8 71.4 107.0
131 91.1 70.8 106.2





#65

Chlorobenzene

Concen: 20.132 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

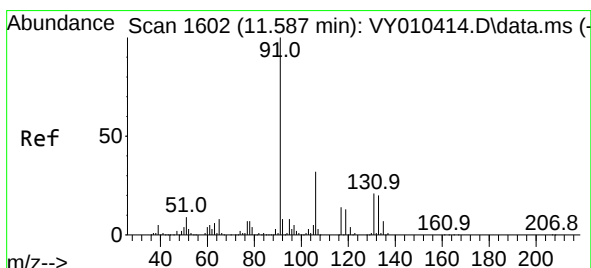
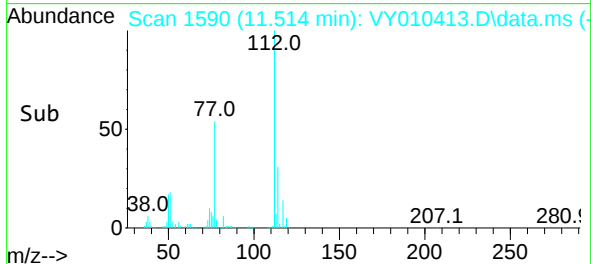
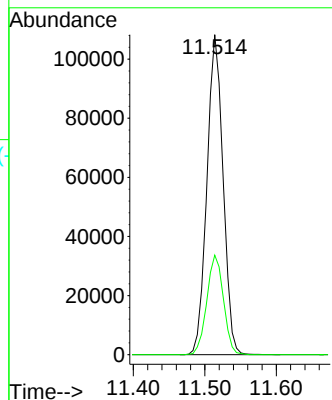
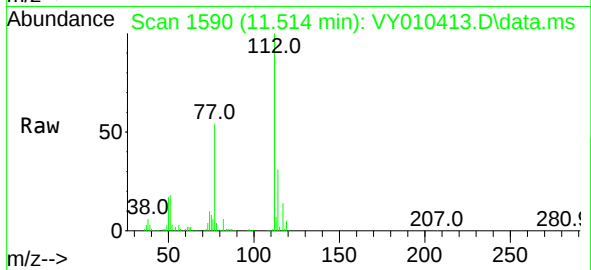
VSTDIC020

Tgt Ion:112 Resp: 169801

Ion Ratio Lower Upper

112 100

114 31.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.770 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

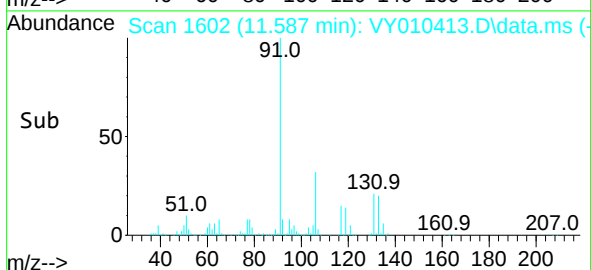
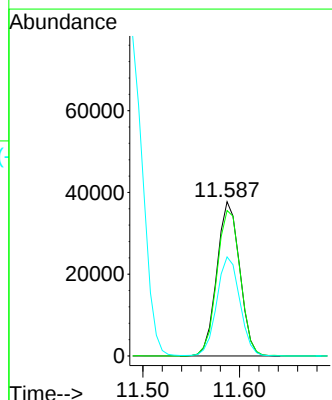
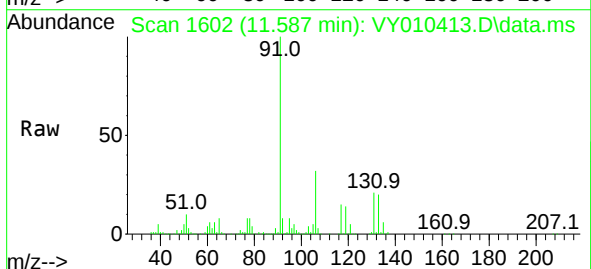
Tgt Ion:131 Resp: 61760

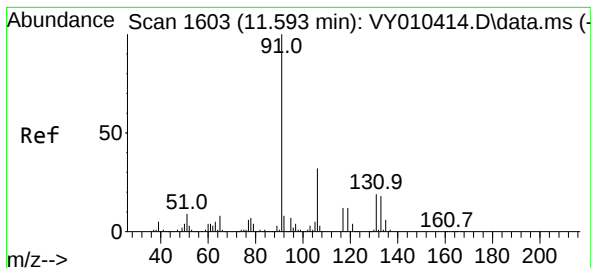
Ion Ratio Lower Upper

131 100

133 97.0 47.9 143.6

119 65.1 30.8 92.3





#67

Ethyl Benzene

Concen: 19.938 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

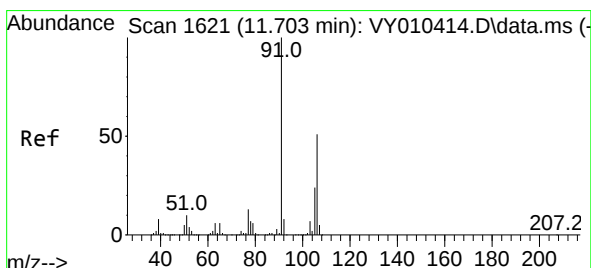
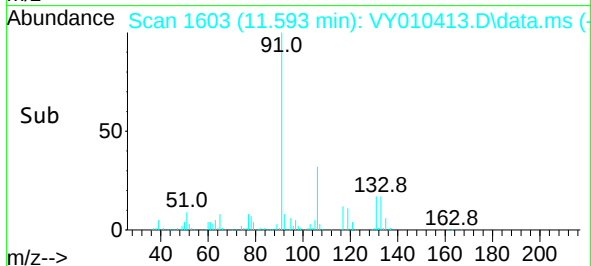
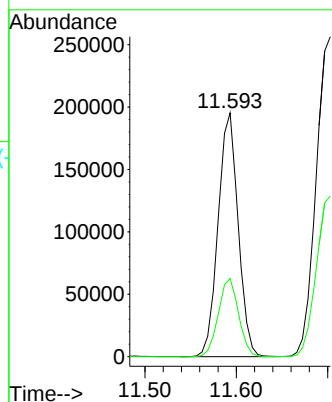
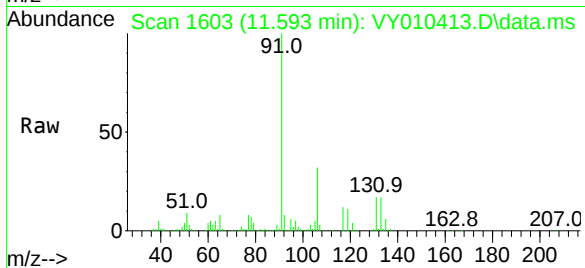
VSTDICC020

Tgt Ion: 91 Resp: 297626

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 40.031 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY010413.D

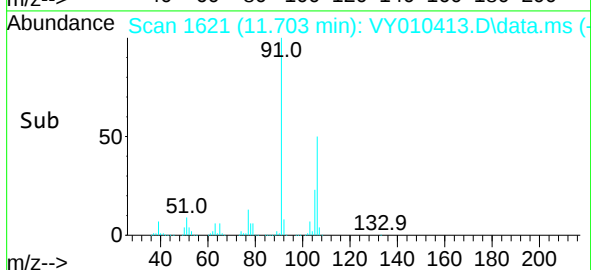
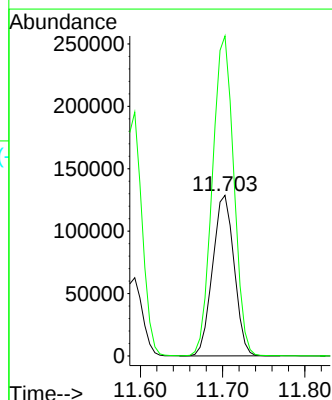
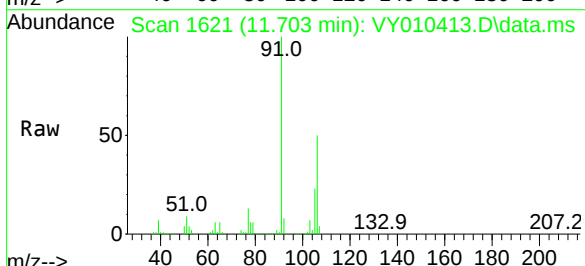
Acq: 09 Sep 2022 12:54

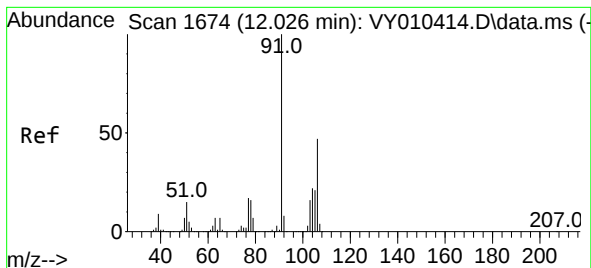
Tgt Ion: 106 Resp: 234600

Ion Ratio Lower Upper

106 100

91 198.6 166.6 249.8





#69

o-Xylene

Concen: 20.084 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

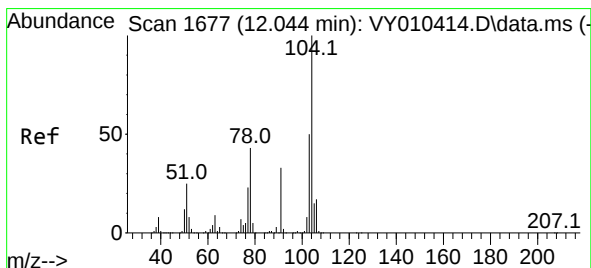
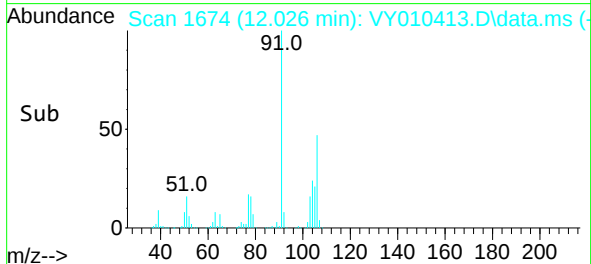
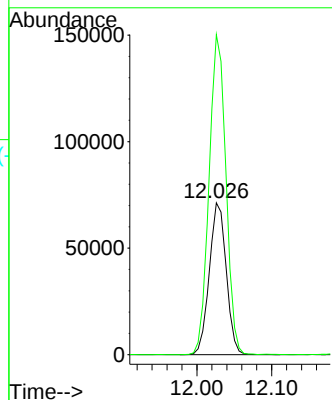
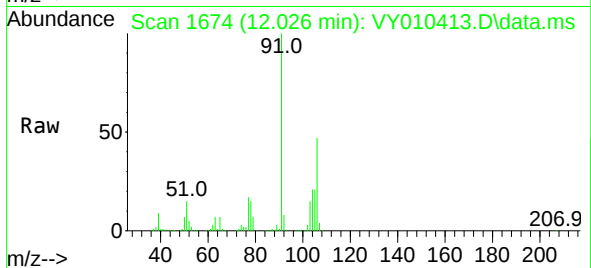
VSTDIC020

Tgt Ion:106 Resp: 112388

Ion Ratio Lower Upper

106 100

91 209.6 110.3 331.0



#70

Styrene

Concen: 19.848 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

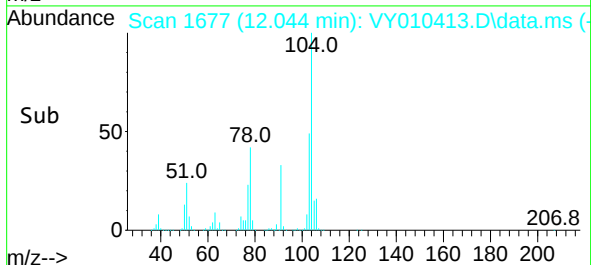
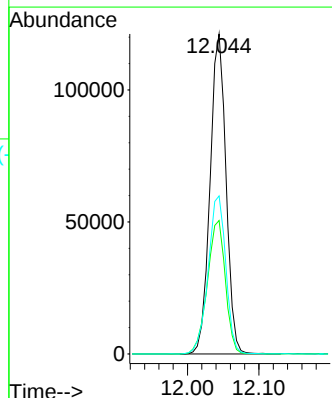
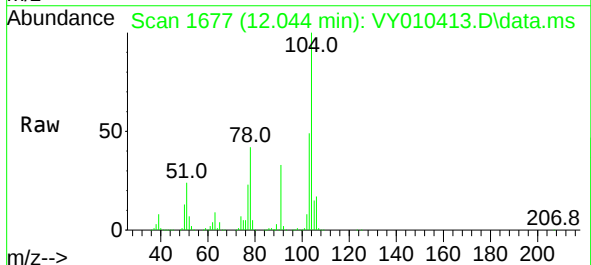
Tgt Ion:104 Resp: 187984

Ion Ratio Lower Upper

104 100

78 47.0 42.4 63.6

103 54.9 44.4 66.6





#71

Bromoform

Concen: 20.213 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

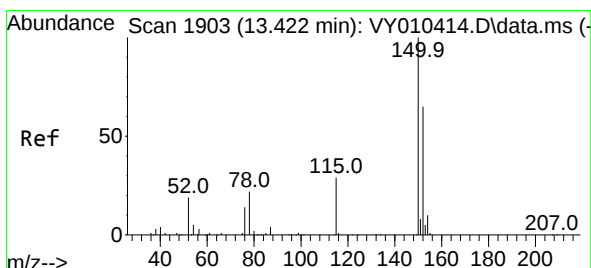
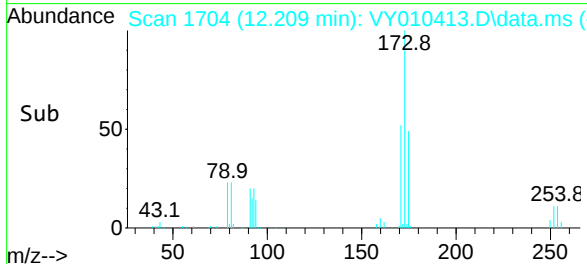
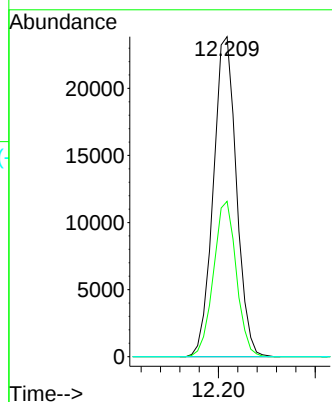
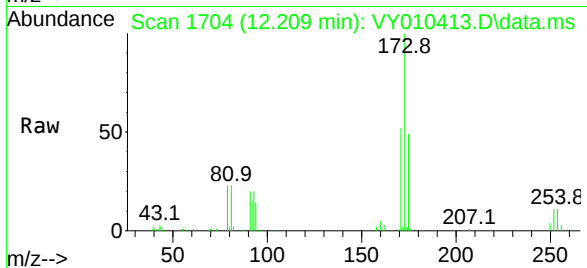
Tgt Ion:173 Resp: 39477

Ion Ratio Lower Upper

173 100

175 48.1 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

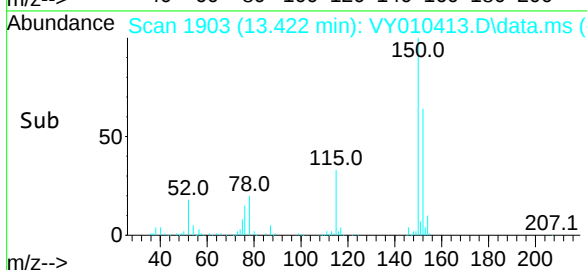
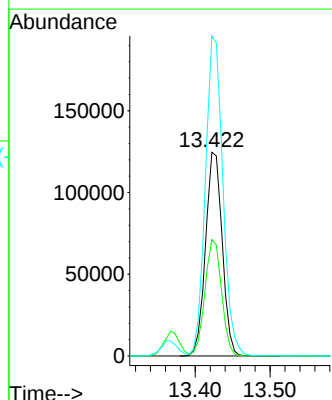
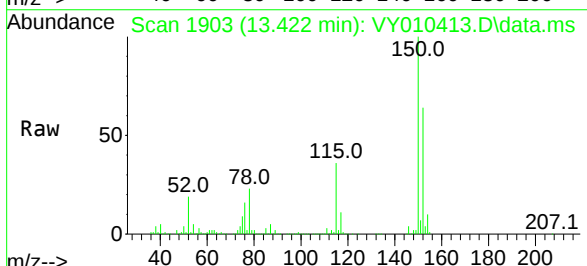
Tgt Ion:152 Resp: 193404

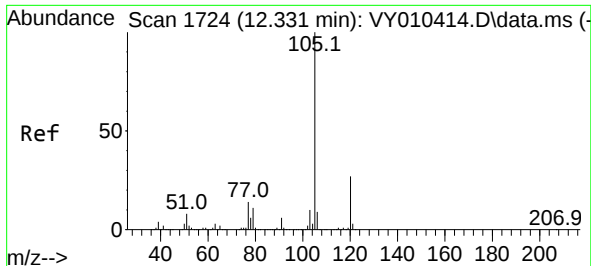
Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 164.3 0.0 347.6

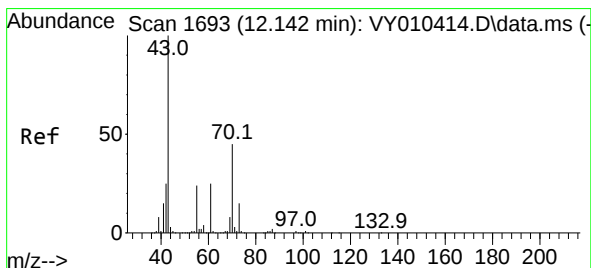
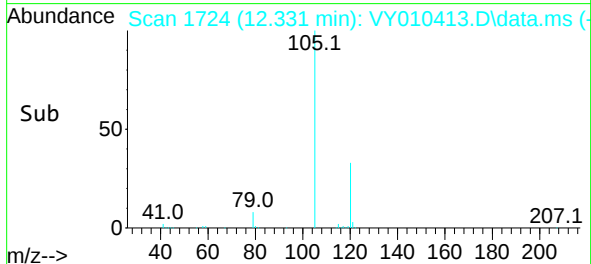
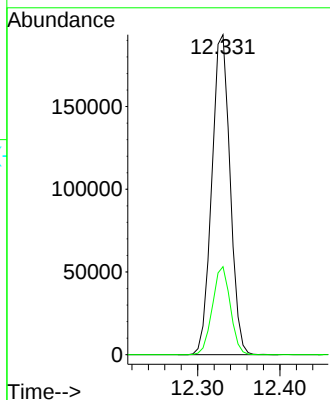
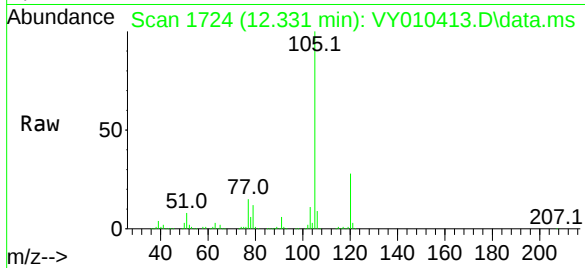




#73
Isopropylbenzene
Concen: 19.764 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

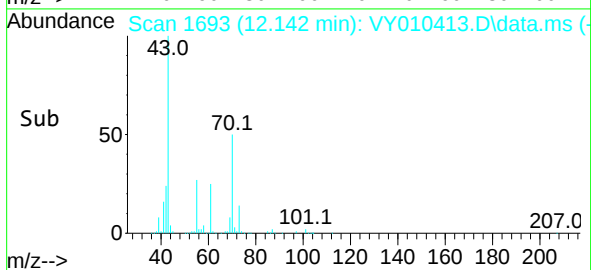
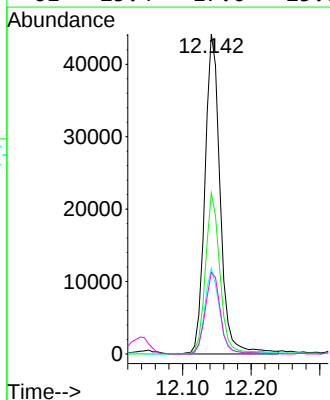
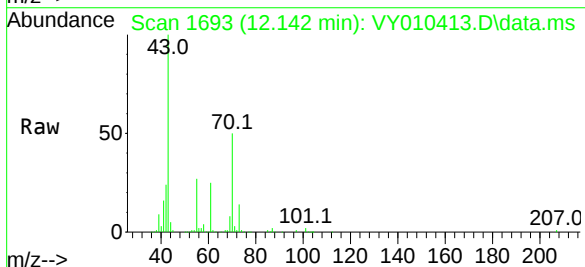
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

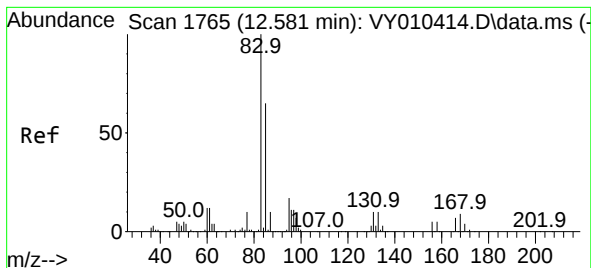
Tgt Ion:105 Resp: 298234
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 19.473 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion: 43 Resp: 68561
Ion Ratio Lower Upper
43 100
70 48.0 28.7 43.1#
55 26.8 17.3 25.9#
61 25.4 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.415 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

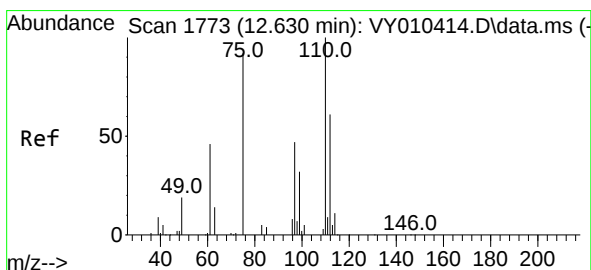
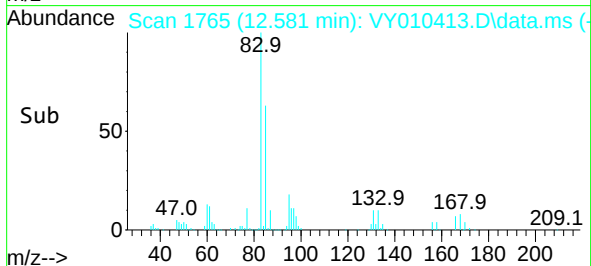
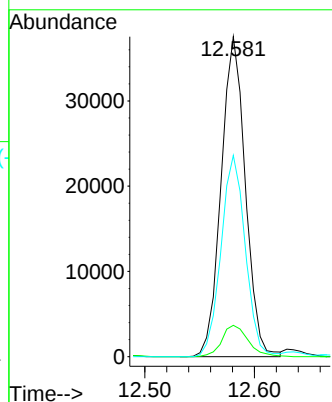
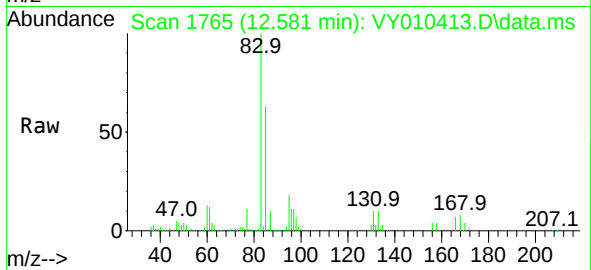
Tgt Ion: 83 Resp: 57628

Ion Ratio Lower Upper

83 100

131 10.7 5.6 16.8

85 63.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 35.635 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY010413.D

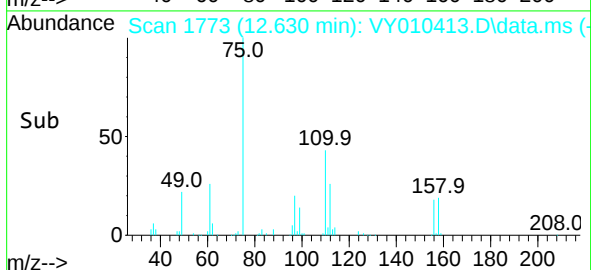
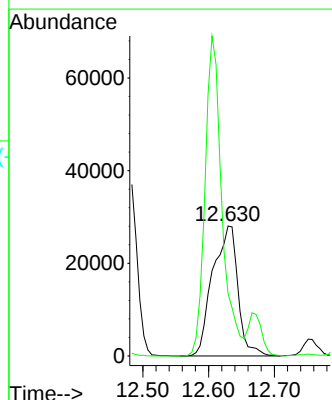
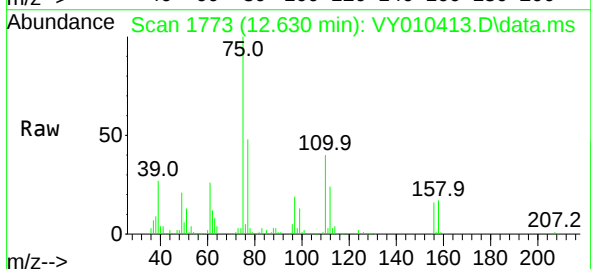
Acq: 09 Sep 2022 12:54

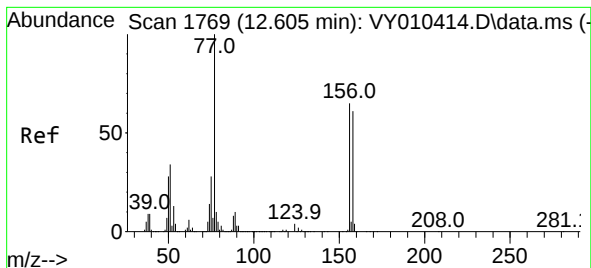
Tgt Ion: 75 Resp: 74926

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.104 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

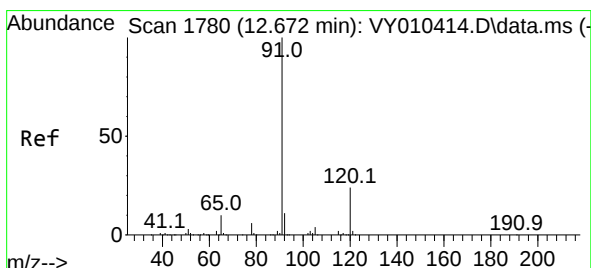
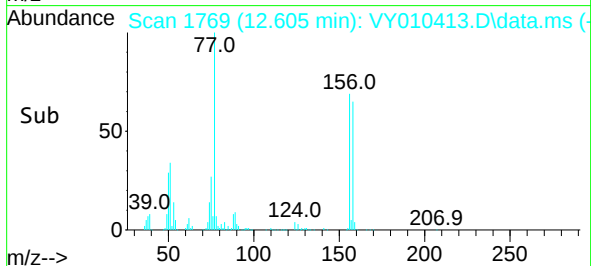
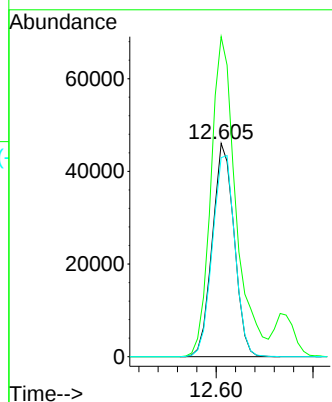
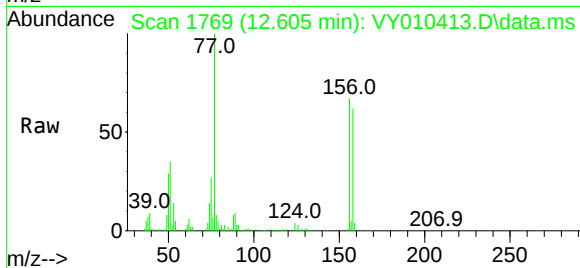
Tgt Ion:156 Resp: 71886

Ion Ratio Lower Upper

156 100

77 172.7 95.5 286.4

158 97.5 48.0 144.0



#78

n-propylbenzene

Concen: 19.941 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY010413.D

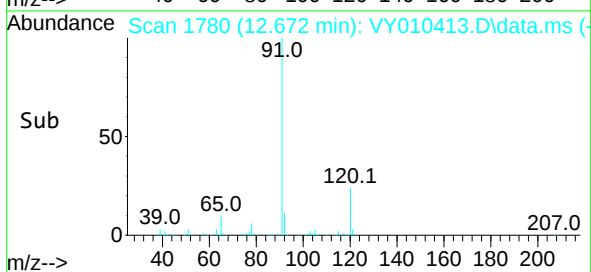
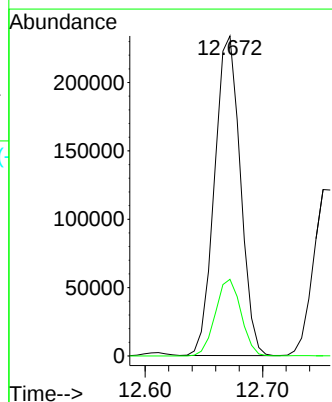
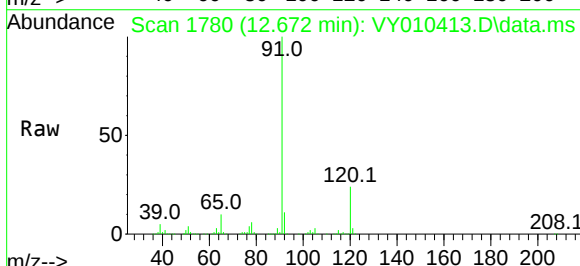
Acq: 09 Sep 2022 12:54

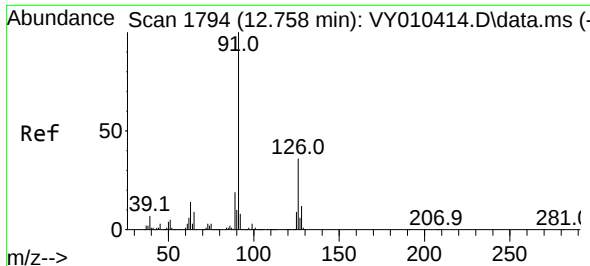
Tgt Ion: 91 Resp: 356333

Ion Ratio Lower Upper

91 100

120 23.9 11.3 33.9

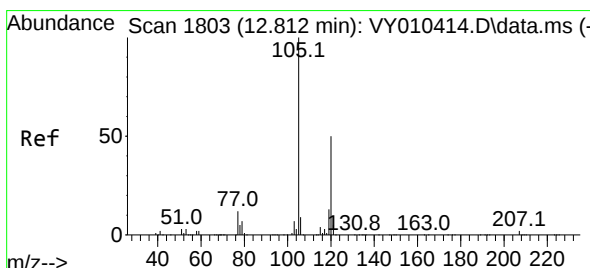
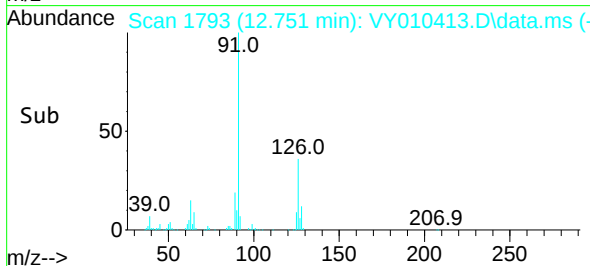
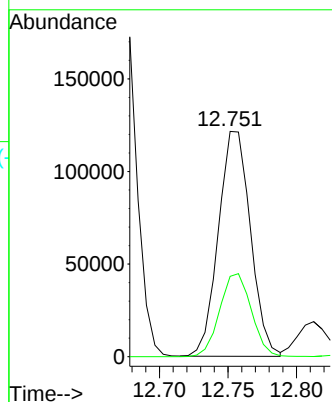
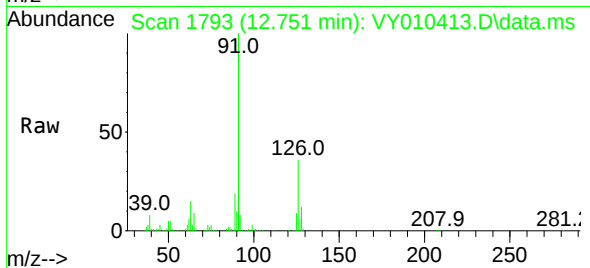




#79
2-Chlorotoluene
Concen: 19.758 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

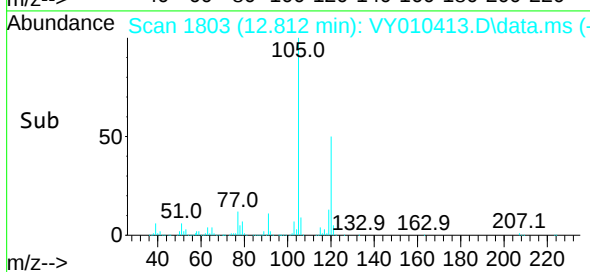
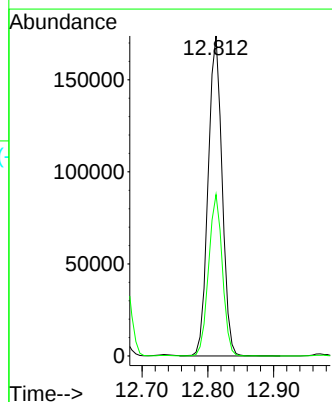
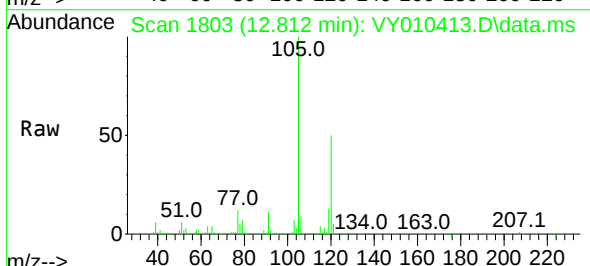
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

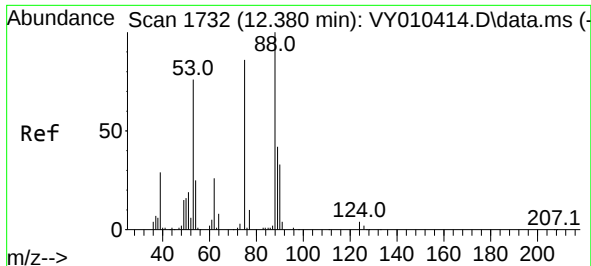
Tgt Ion: 91 Resp: 198323
Ion Ratio Lower Upper
91 100
126 36.4 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 20.145 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion: 105 Resp: 256488
Ion Ratio Lower Upper
105 100
120 49.8 24.4 73.4

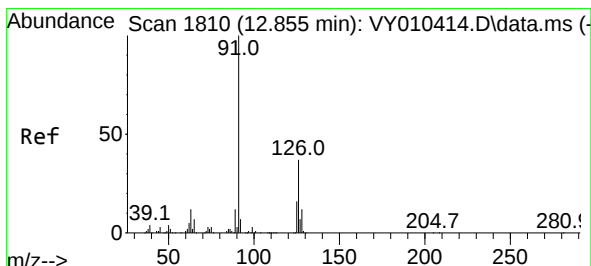
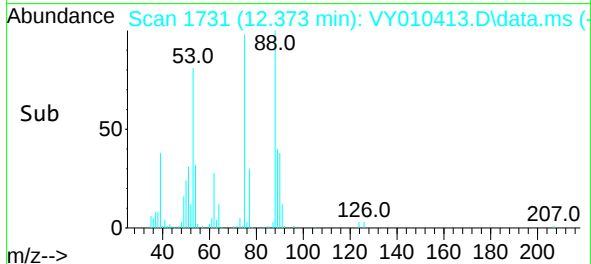
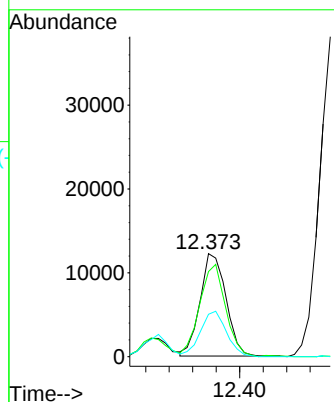
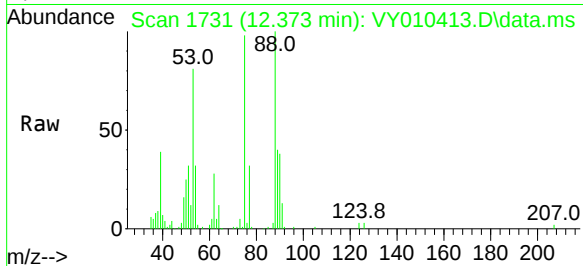




#81
trans-1,4-Dichloro-2-butene
Concen: 19.438 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

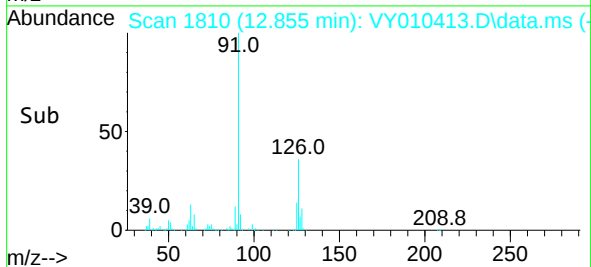
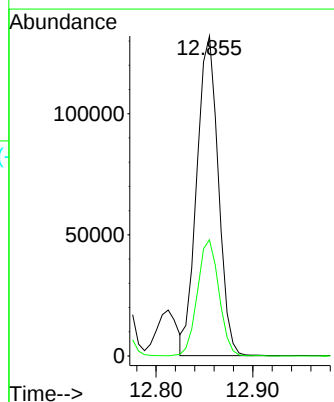
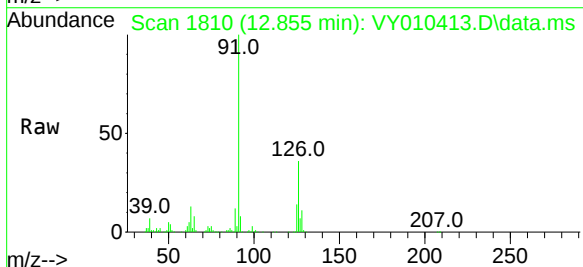
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

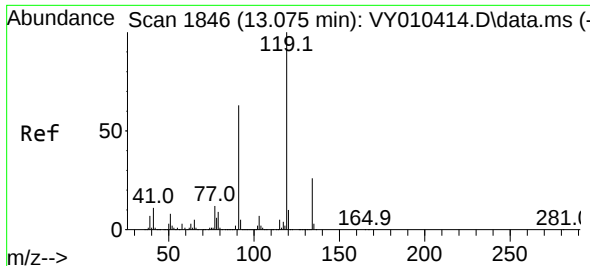
Tgt Ion: 75 Resp: 18687
Ion Ratio Lower Upper
75 100
53 90.6 85.3 127.9
89 45.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.550 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion: 91 Resp: 204149
Ion Ratio Lower Upper
91 100
126 36.4 17.0 51.0

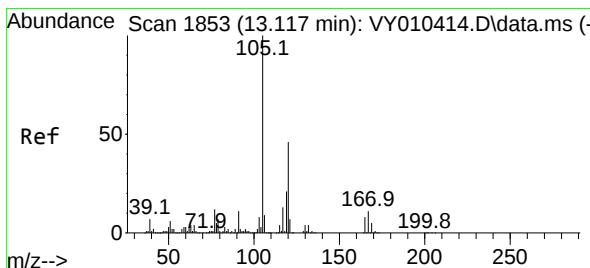
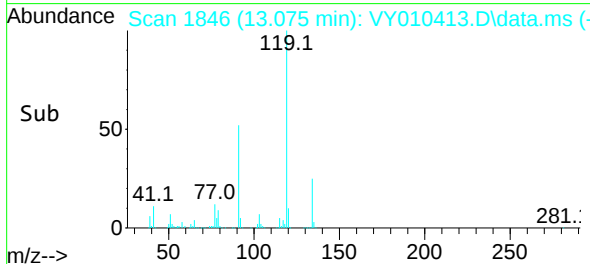
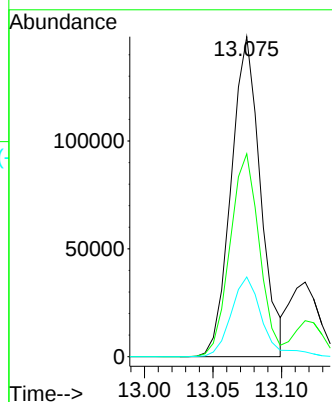
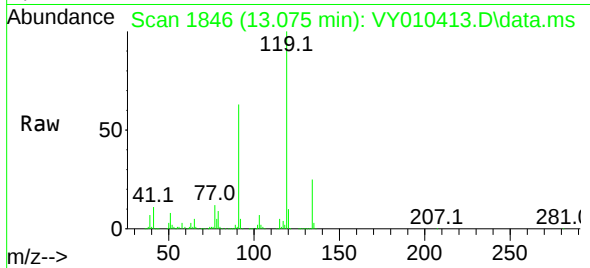




#83
tert-Butylbenzene
Concen: 19.947 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

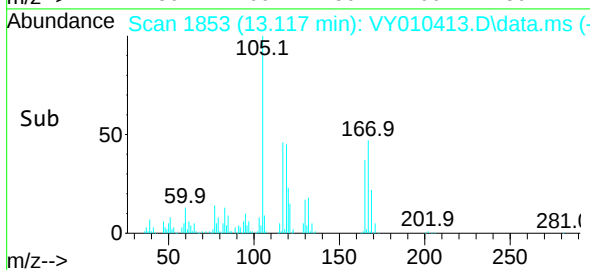
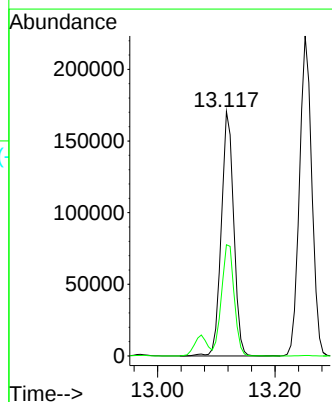
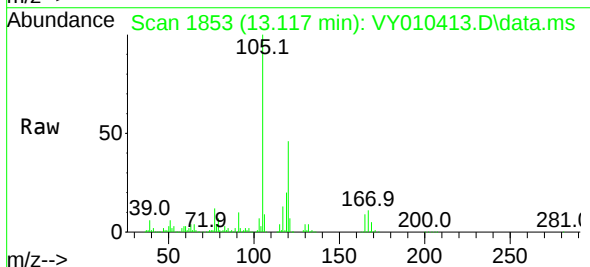
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

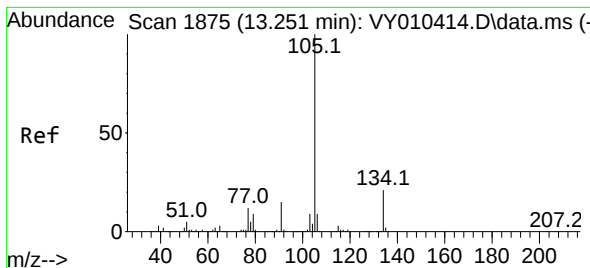
Tgt Ion:119 Resp: 221985
Ion Ratio Lower Upper
119 100
91 63.2 34.8 104.4
134 26.4 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.030 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion:105 Resp: 249537
Ion Ratio Lower Upper
105 100
120 46.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.705 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

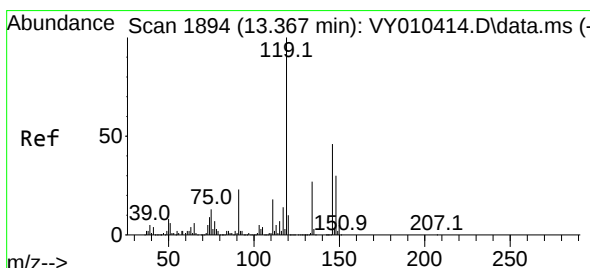
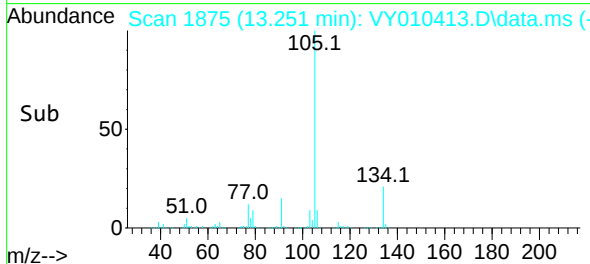
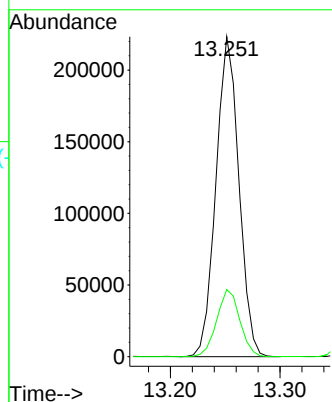
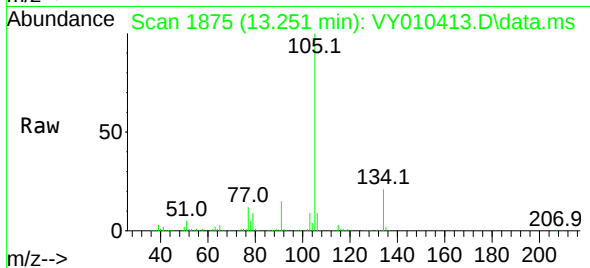
VSTDIC020

Tgt Ion:105 Resp: 324714

Ion Ratio Lower Upper

105 100

134 21.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.756 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

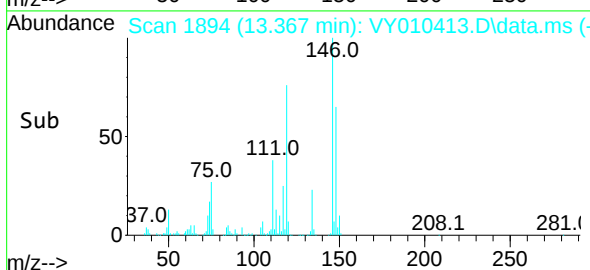
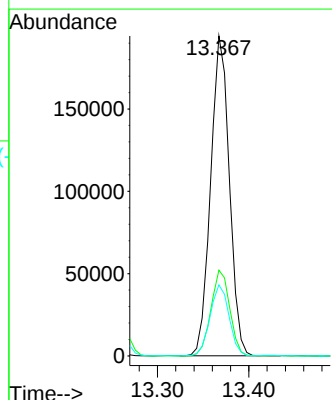
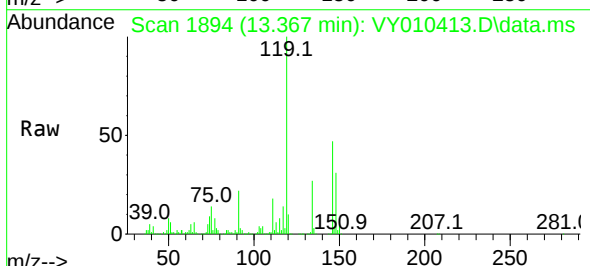
Tgt Ion:119 Resp: 275376

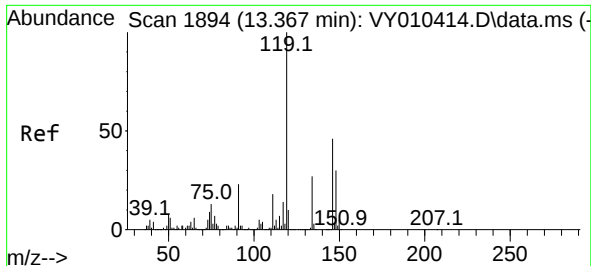
Ion Ratio Lower Upper

119 100

134 27.1 13.2 39.5

91 22.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.845 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

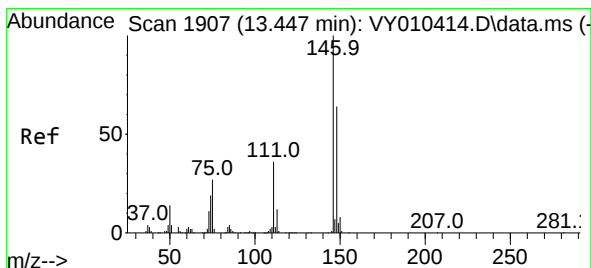
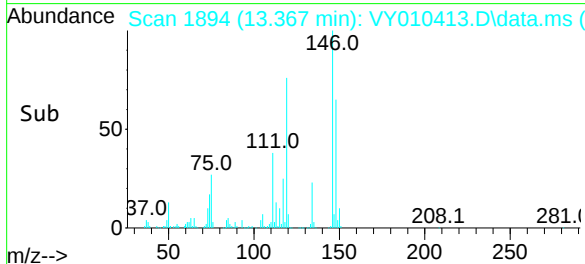
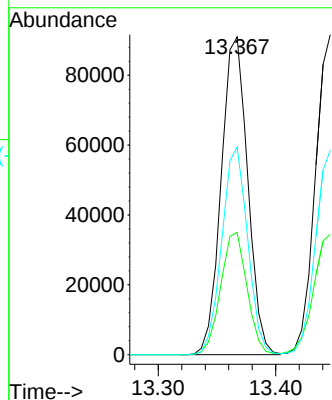
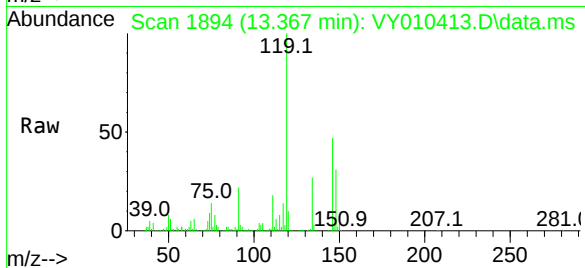
Tgt Ion:146 Resp: 142491

Ion Ratio Lower Upper

146 100

111 38.4 19.5 58.5

148 64.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 19.795 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

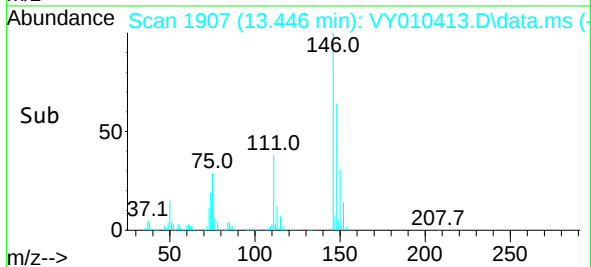
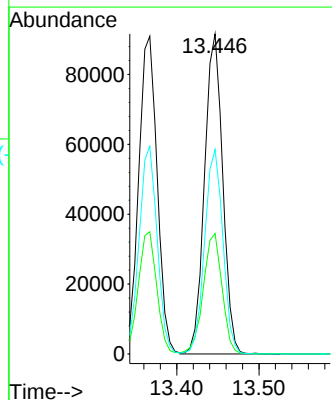
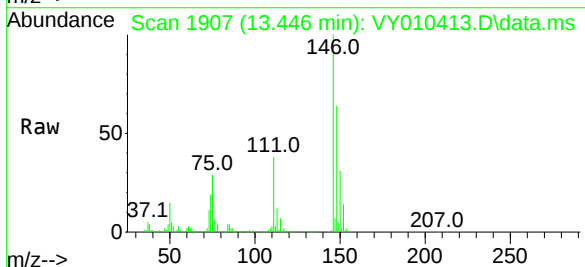
Tgt Ion:146 Resp: 140740

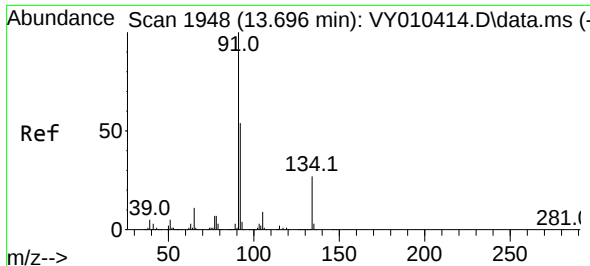
Ion Ratio Lower Upper

146 100

111 39.1 19.3 57.8

148 64.1 32.6 97.8

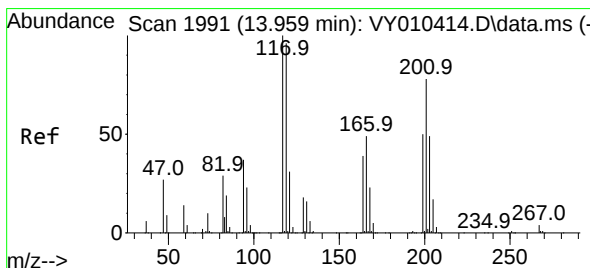
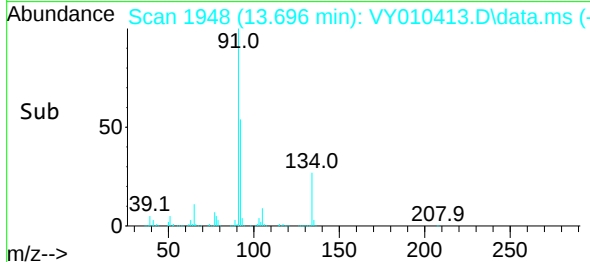
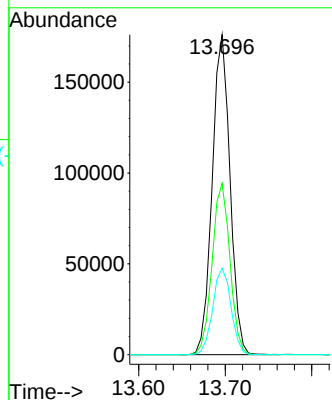
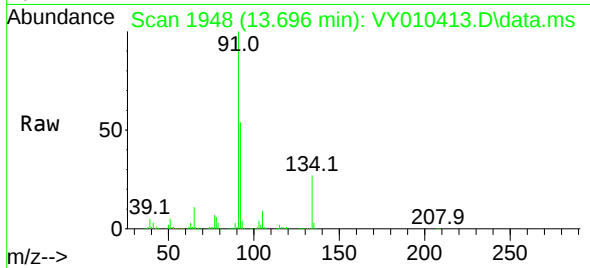




#89
n-Butylbenzene
Concen: 19.907 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

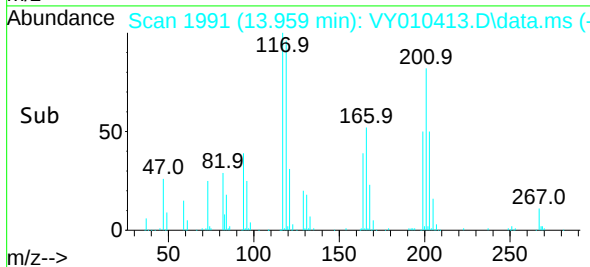
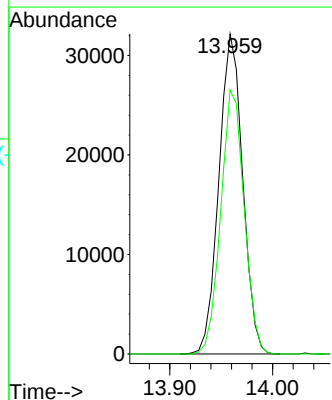
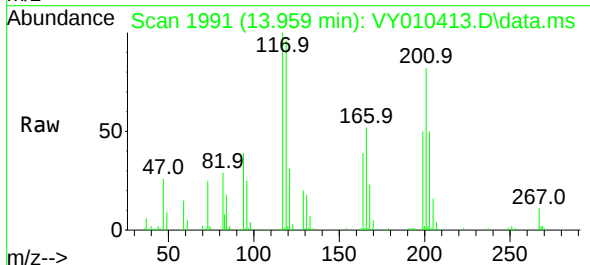
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

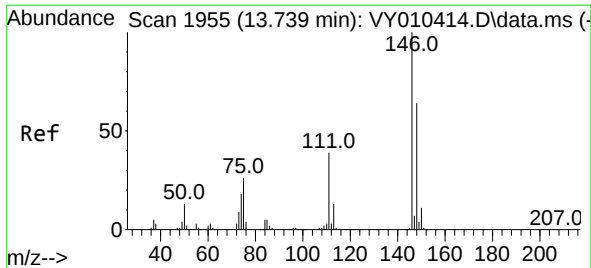
Tgt Ion: 91 Resp: 251864
Ion Ratio Lower Upper
91 100
92 53.7 26.3 78.9
134 27.7 13.0 38.9



#90
Hexachloroethane
Concen: 19.716 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion: 117 Resp: 51596
Ion Ratio Lower Upper
117 100
201 81.3 43.0 128.8

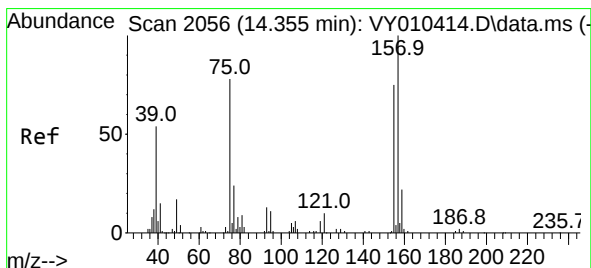
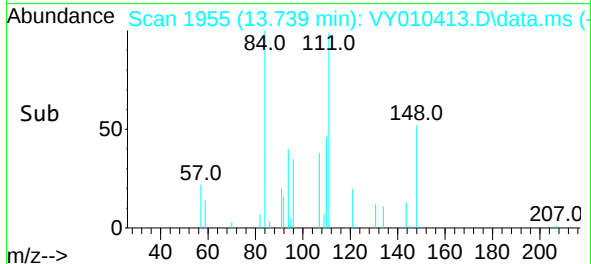
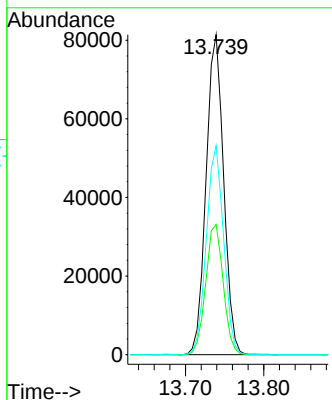
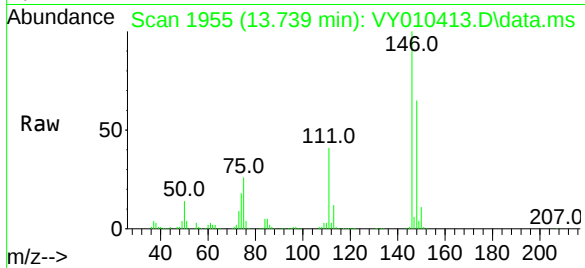




#91
1,2-Dichlorobenzene
Concen: 19.870 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

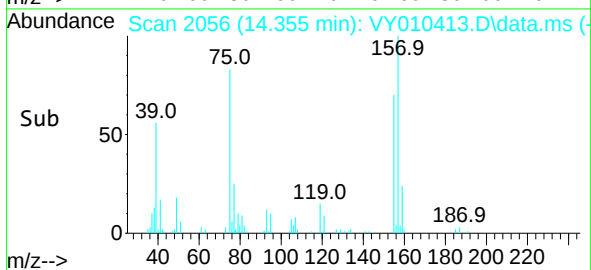
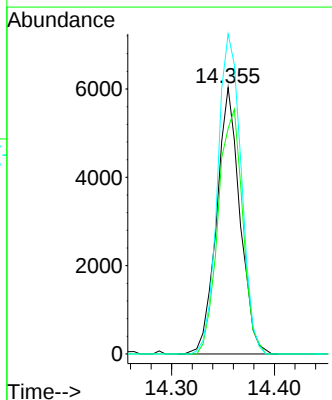
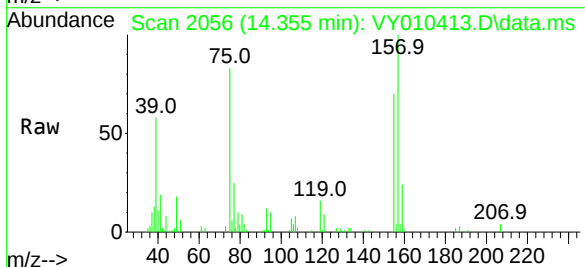
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

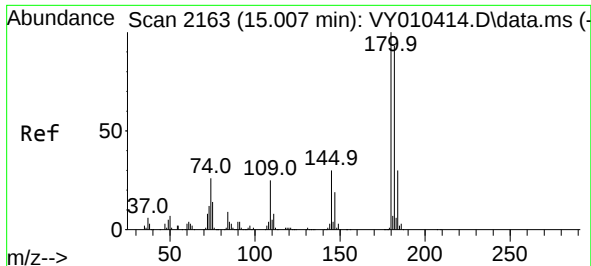
Tgt Ion:146 Resp: 126366
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.9
148 64.6 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.909 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion: 75 Resp: 9486
Ion Ratio Lower Upper
75 100
155 96.0 38.0 113.9
157 121.1 47.8 143.3

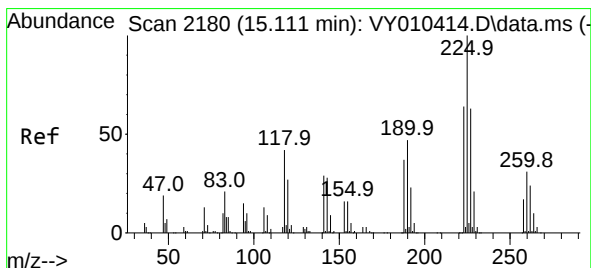
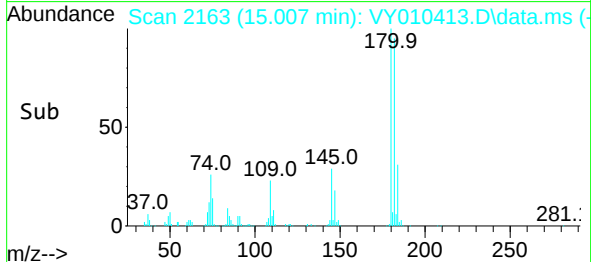
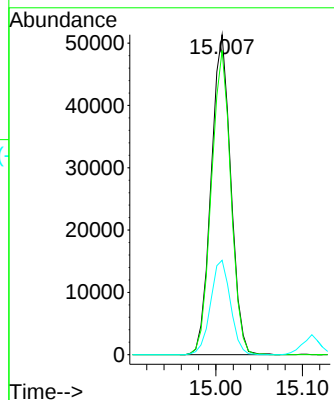
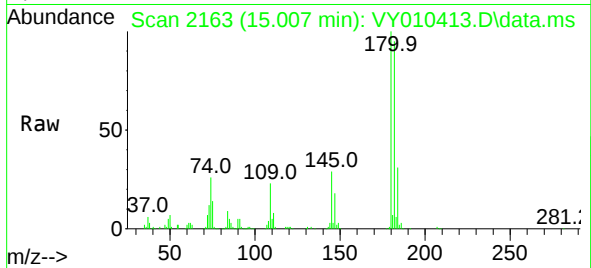




#93
1,2,4-Trichlorobenzene
Concen: 20.452 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

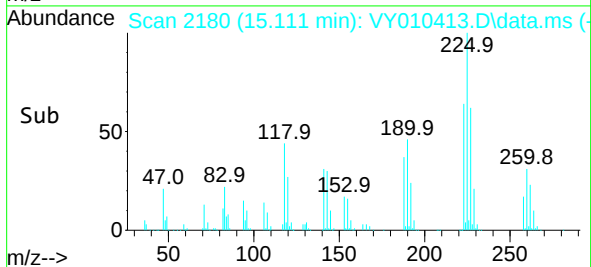
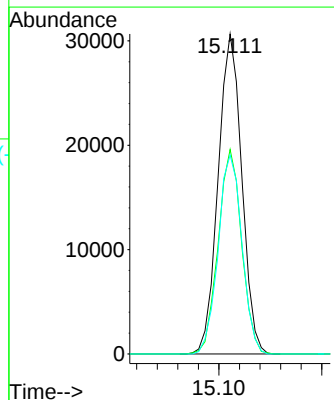
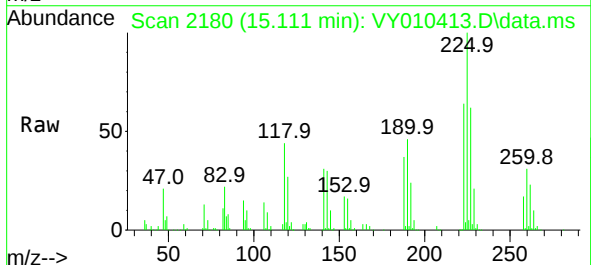
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

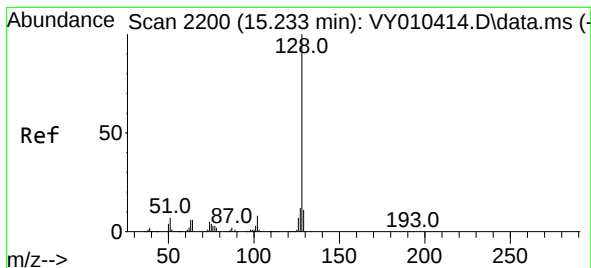
Tgt Ion:180 Resp: 80780
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.9
145 30.0 14.6 43.8



#94
Hexachlorobutadiene
Concen: 20.504 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY010413.D
Acq: 09 Sep 2022 12:54

Tgt Ion:225 Resp: 48865
Ion Ratio Lower Upper
225 100
223 63.4 30.8 92.3
227 62.4 31.6 94.7





#95

Naphthalene

Concen: 20.350 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

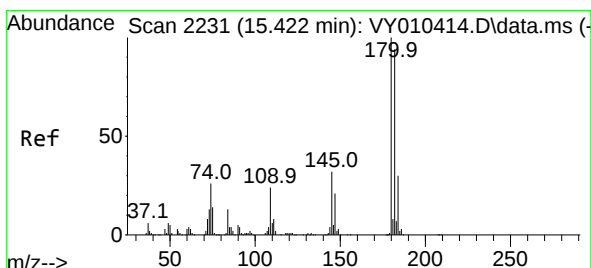
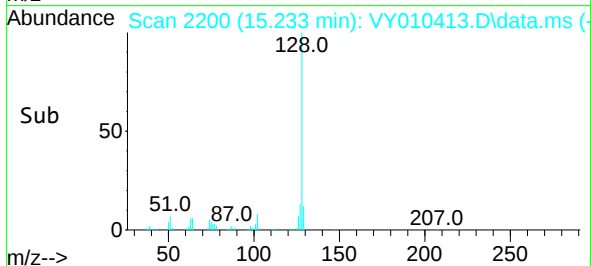
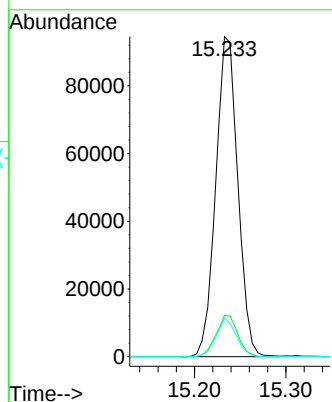
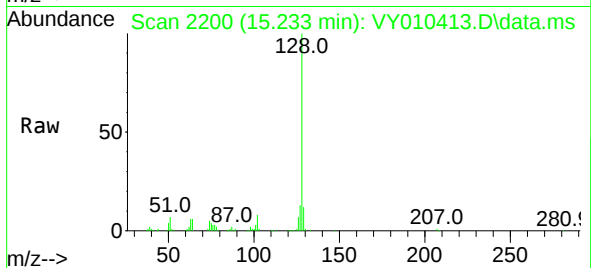
Tgt Ion:128 Resp: 158539

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 20.335 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010413.D

Acq: 09 Sep 2022 12:54

Tgt Ion:180 Resp: 70112

Ion Ratio Lower Upper

180 100

182 93.5 47.3 141.9

145 31.6 15.3 45.9

