

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009021.D
 Acq On : 23 May 2022 21:18
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 24 01:51:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	108714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	179781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	186522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124468	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	49737	44.453	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.900%
35) Dibromofluoromethane	7.710	113	52193	46.686	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.380%
50) Toluene-d8	10.179	98	174545	42.321	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.640%
62) 4-Bromofluorobenzene	12.477	95	93113	55.968	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	52638	52.939	ug/l	99
3) Chloromethane	2.107	50	87695	61.562	ug/l	100
4) Vinyl Chloride	2.247	62	130290	61.736	ug/l	99
5) Bromomethane	2.637	94	104519	50.523	ug/l	98
6) Chloroethane	2.790	64	90156	60.300	ug/l	99
7) Trichlorofluoromethane	3.119	101	97392	54.341	ug/l	92
8) Diethyl Ether	3.521	74	28908	51.584	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.887	101	58470	53.082	ug/l	93
10) Methyl Iodide	4.082	142	63736	56.036	ug/l	93
11) Tert butyl alcohol	4.948	59	26260	231.387	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	54118	52.925	ug/l	85
13) Acrolein	3.723	56	4489	120.168	ug/l	98
14) Allyl chloride	4.473	41	81964	53.189	ug/l #	87
15) Acrylonitrile	5.155	53	81324	259.179	ug/l	98
16) Acetone	3.942	43	58467	251.039	ug/l	94
17) Carbon Disulfide	4.186	76	174920	52.361	ug/l	98
18) Methyl Acetate	4.473	43	38973	53.738	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	159636	52.013	ug/l	94
20) Methylene Chloride	4.710	84	71246	55.673	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	69046	52.608	ug/l #	82
22) Diisopropyl ether	6.112	45	200304	54.104	ug/l #	95
23) Vinyl Acetate	6.058	43	672381	274.562	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	117491	53.059	ug/l	97
25) 2-Butanone	6.984	43	109365	262.906	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	101715	49.866	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	77564	52.426	ug/l	89
28) Bromochloromethane	7.326	49	41034	53.989	ug/l #	88
29) Tetrahydrofuran	7.344	42	75710	267.934	ug/l #	85
30) Chloroform	7.502	83	126614	52.970	ug/l	100
31) Cyclohexane	7.777	56	110605	50.531	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	114756	52.918	ug/l	99
36) 1,1-Dichloropropene	7.917	75	99453	52.274	ug/l	97
37) Ethyl Acetate	7.070	43	52178	52.871	ug/l	97
38) Carbon Tetrachloride	7.893	117	103517	52.012	ug/l	98
39) Methylcyclohexane	9.179	83	130607	53.184	ug/l	91
40) Benzene	8.155	78	292953	53.398	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	71586	140.566	ug/l #	42
42) 1,2-Dichloroethane	8.234	62	87154	54.100	ug/l	94
43) Isopropyl Acetate	8.271	43	102010	55.590	ug/l #	93
44) Trichloroethene	8.935	130	76109	52.394	ug/l	100
45) 1,2-Dichloropropane	9.216	63	72464	55.009	ug/l	98
46) Dibromomethane	9.301	93	45180	53.938	ug/l	92
47) Bromodichloromethane	9.490	83	104238	54.452	ug/l	98
48) Methyl methacrylate	9.289	41	46092	56.251	ug/l #	86
49) 1,4-Dioxane	9.295	88	12211	1090.544	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	291450	286.980	ug/l	94
52) Toluene	10.240	92	209818	54.726	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	111432	54.815	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	118327	54.145	ug/l	89
55) 1,1,2-Trichloroethane	10.642	97	62847	53.629	ug/l	99
56) Ethyl methacrylate	10.508	69	83802	55.934	ug/l	87
57) 1,3-Dichloropropane	10.788	76	105608	55.245	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	167891	259.017	ug/l	97
59) 2-Hexanone	10.831	43	200166	287.869	ug/l	89
60) Dibromochloromethane	10.984	129	77047	54.237	ug/l	99
61) 1,2-Dibromoethane	11.087	107	62324	53.670	ug/l	100
64) Tetrachloroethene	10.715	164	69789	51.405	ug/l	98
65) Chlorobenzene	11.514	112	222487	51.970	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	82973	52.930	ug/l	96
67) Ethyl Benzene	11.593	91	416786	54.022	ug/l	98
68) m/p-Xylenes	11.703	106	351062	112.090	ug/l	91
69) o-Xylene	12.026	106	163476	56.208	ug/l	90
70) Styrene	12.044	104	288368	57.655	ug/l	94
71) Bromoform	12.203	173	57662	55.489	ug/l #	97
73) Isopropylbenzene	12.325	105	443755	47.680	ug/l	99
74) N-amyl acetate	12.142	43	111701	52.018	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	88905	46.372	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	113595	84.986	ug/l #	100
77) Bromobenzene	12.605	156	100090	46.393	ug/l	94
78) n-propylbenzene	12.666	91	560218	52.099	ug/l	99
79) 2-Chlorotoluene	12.758	91	302230	48.727	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	393687	50.467	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	30891	47.435	ug/l	85
82) 4-Chlorotoluene	12.849	91	338485	51.023	ug/l	96
83) tert-Butylbenzene	13.075	119	349998	50.571	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	403841	52.149	ug/l	98
85) sec-Butylbenzene	13.251	105	522798	49.372	ug/l	99
86) p-Isopropyltoluene	13.367	119	465292	52.693	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	235360	51.141	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	234488	50.715	ug/l	98
89) n-Butylbenzene	13.696	91	421920	52.228	ug/l	100
90) Hexachloroethane	13.959	117	81793	49.428	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	207160	50.993	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13584	45.637	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	101079	45.335	ug/l	99
94) Hexachlorobutadiene	15.111	225	55587	45.744	ug/l	98
95) Naphthalene	15.233	128	210203	46.931	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	88204	45.525	ug/l	98

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QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

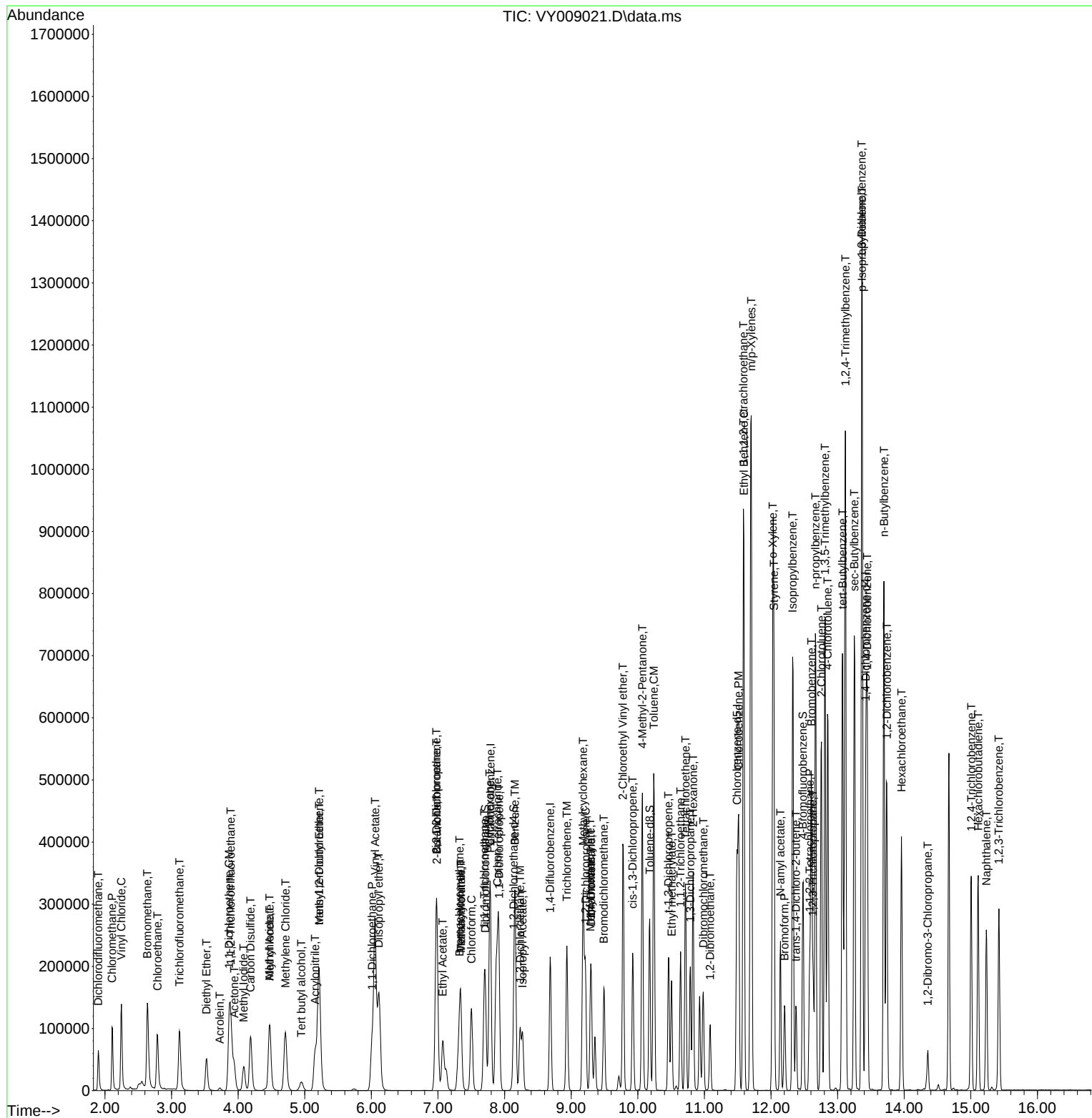
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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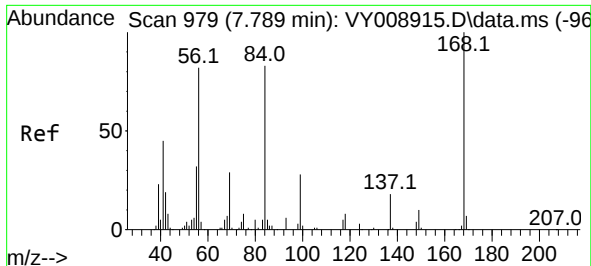
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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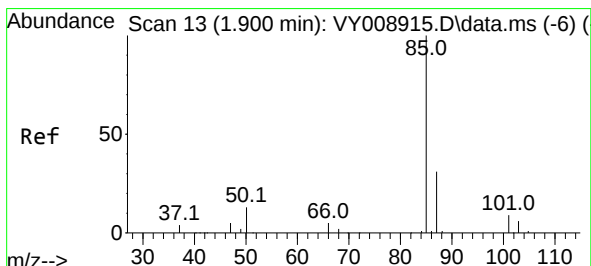
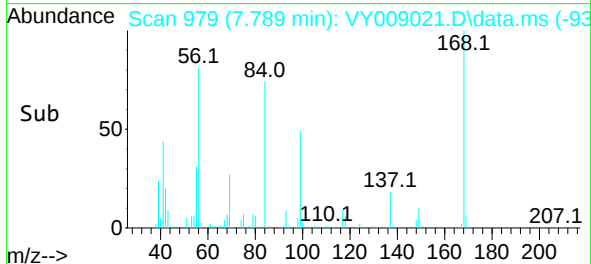
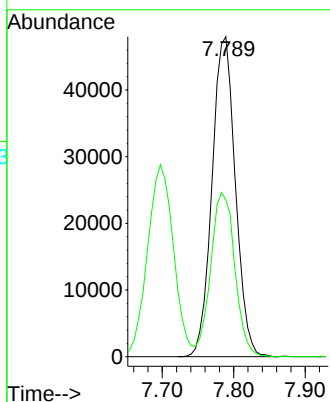
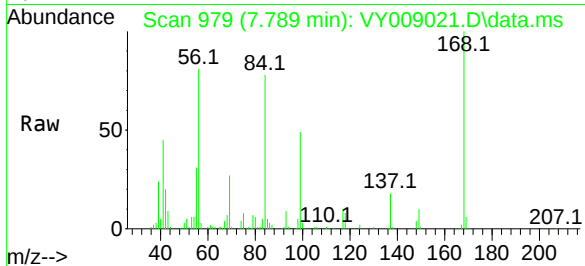




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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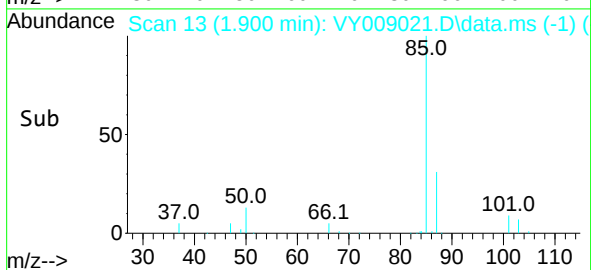
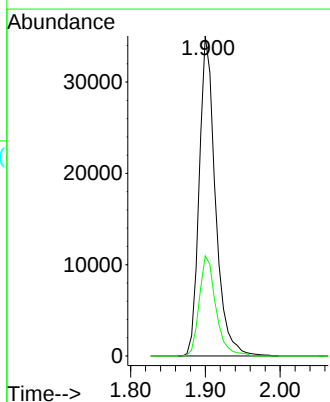
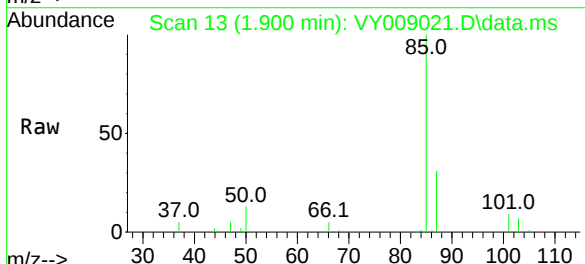
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 108714
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 52.939 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion: 85 Resp: 52638
Ion Ratio Lower Upper
85 100
87 31.3 16.1 48.2

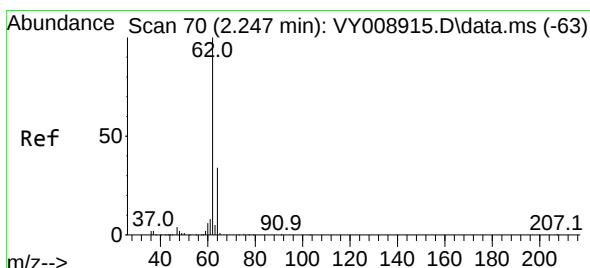
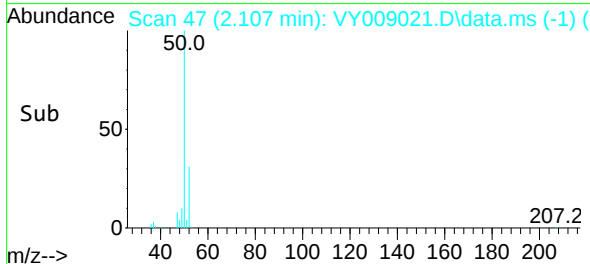
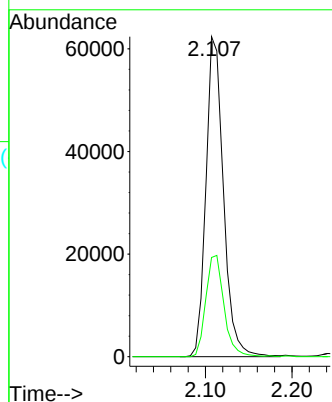
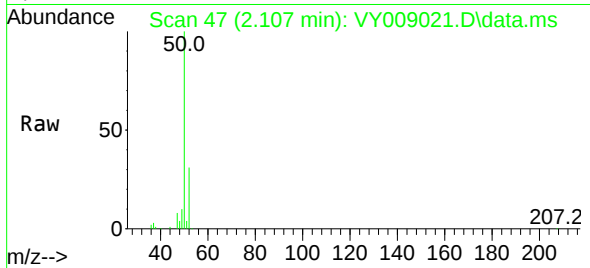




#3
Chloromethane
Concen: 61.562 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

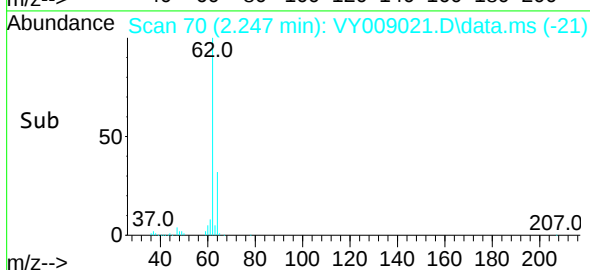
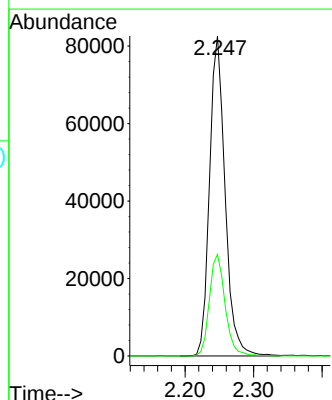
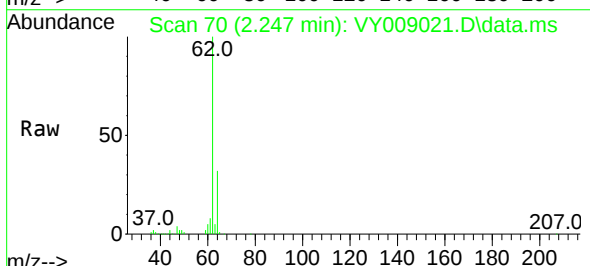
Instrument :
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ClientSampleId :
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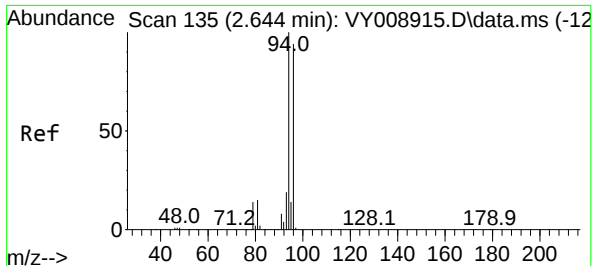
Tgt Ion: 50 Resp: 87695
Ion Ratio Lower Upper
50 100
52 31.0 24.6 37.0



#4
Vinyl Chloride
Concen: 61.736 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion: 62 Resp: 130290
Ion Ratio Lower Upper
62 100
64 31.7 25.0 37.6

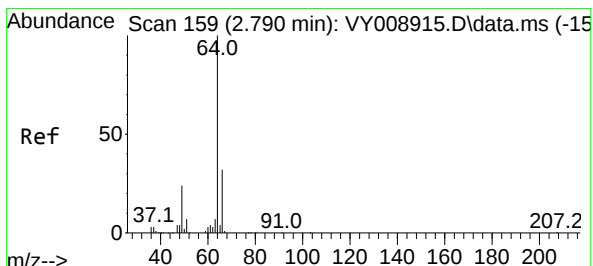
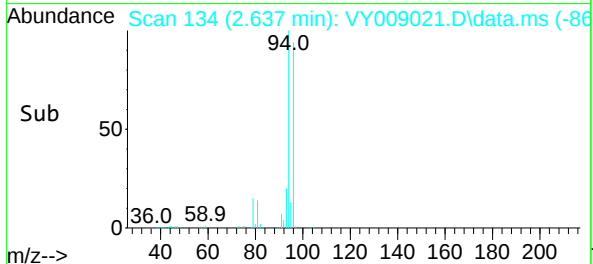
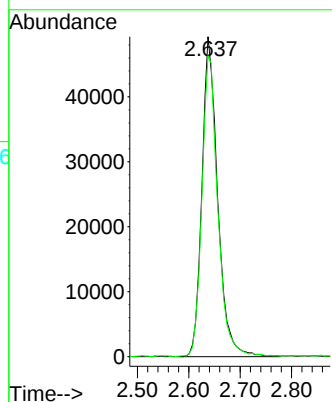
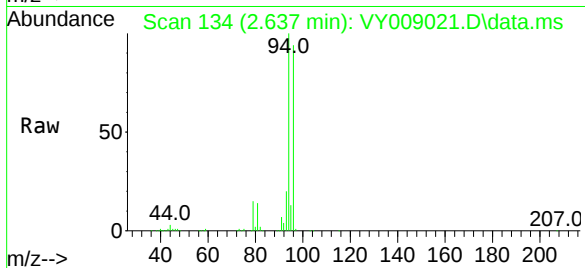




#5
Bromomethane
Concen: 50.523 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009021.D
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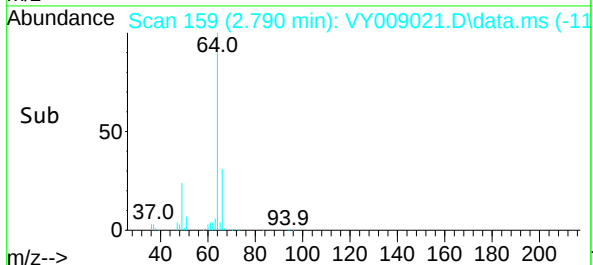
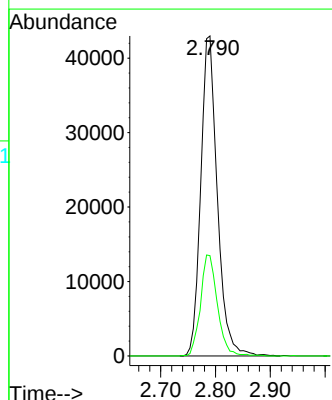
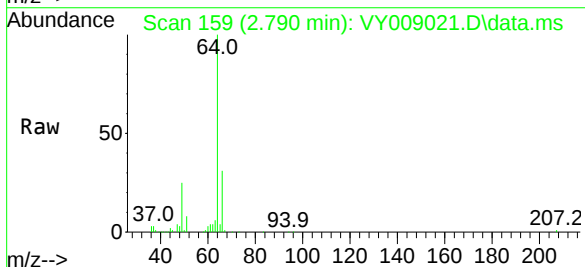
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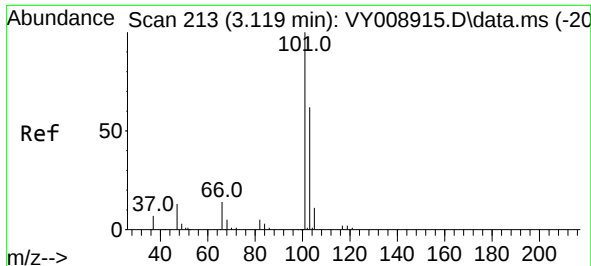
Tgt Ion: 94 Resp: 104519
Ion Ratio Lower Upper
94 100
96 93.9 73.5 110.3



#6
Chloroethane
Concen: 60.300 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 90156
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.0

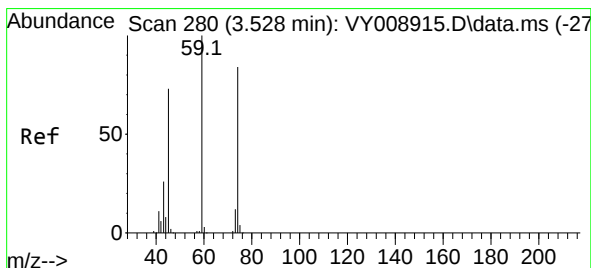
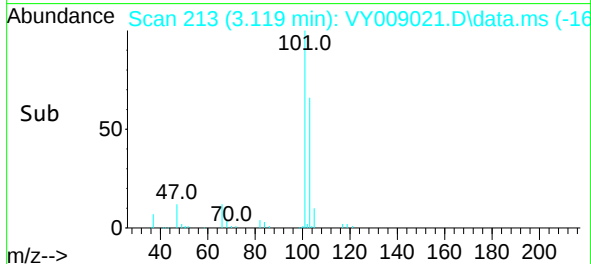
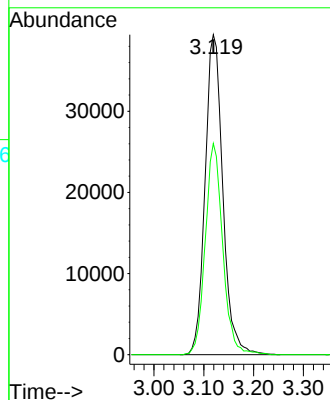
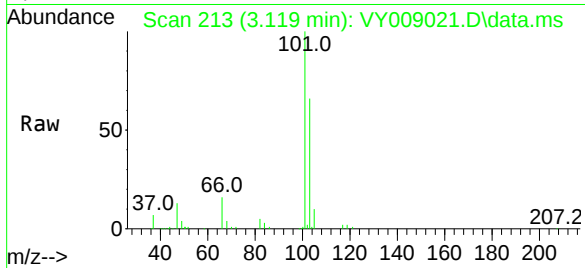




#7
Trichlorofluoromethane
Concen: 54.341 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

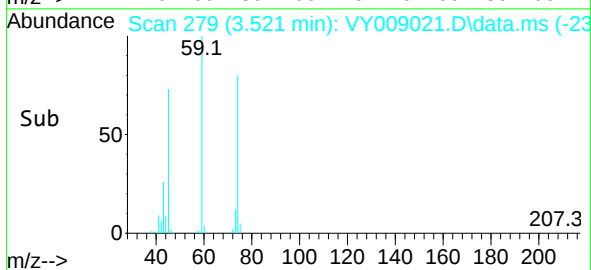
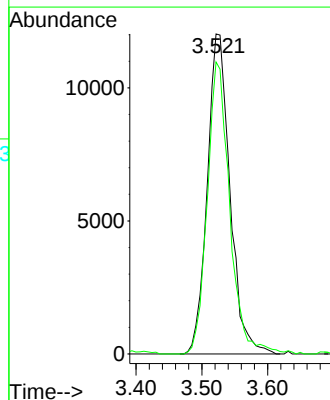
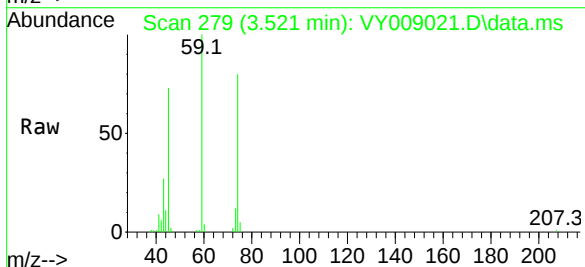
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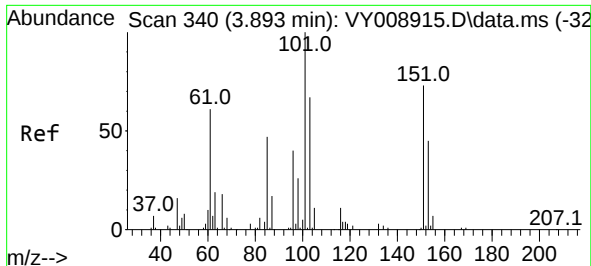
Tgt Ion:101 Resp: 97392
Ion Ratio Lower Upper
101 100
103 66.0 48.0 72.0



#8
Diethyl Ether
Concen: 51.584 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.007 min
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Tgt Ion: 74 Resp: 28908
Ion Ratio Lower Upper
74 100
45 90.4 55.1 165.5

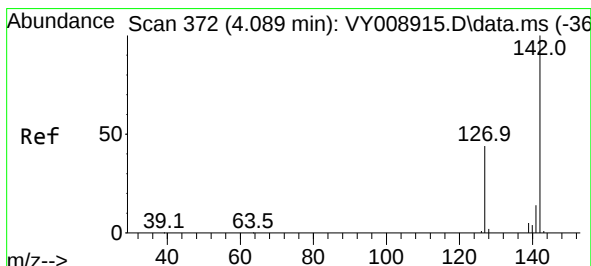
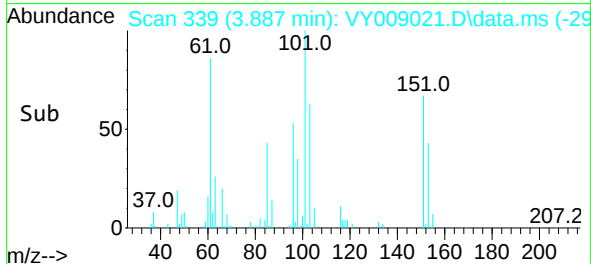
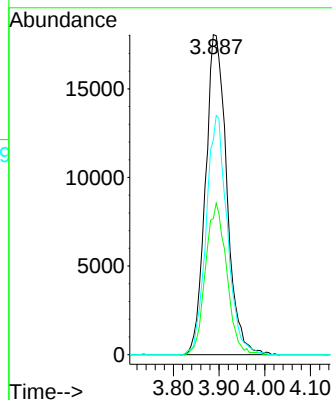
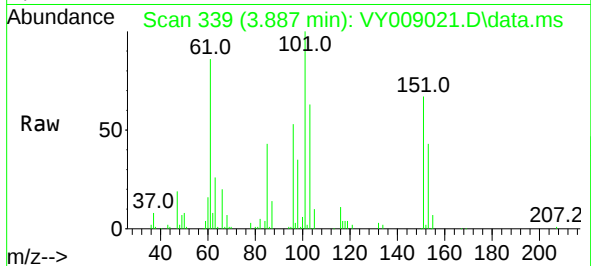




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.082 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

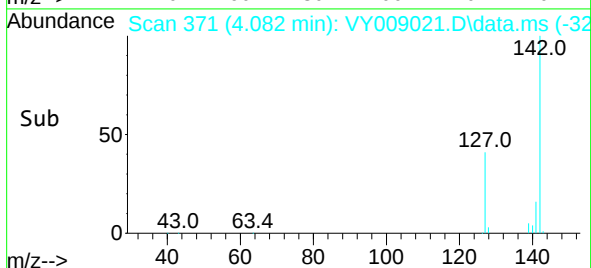
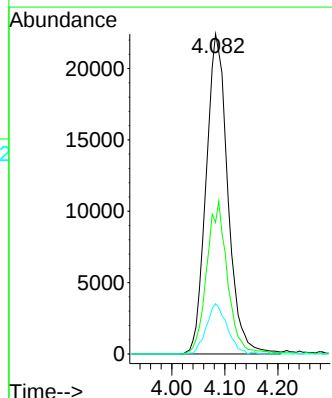
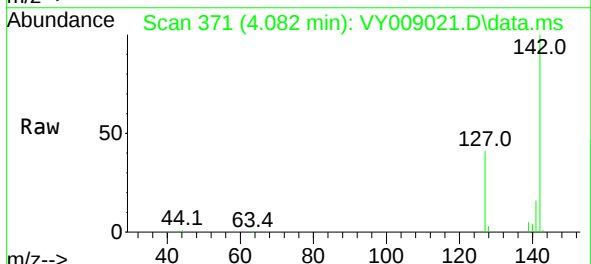
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

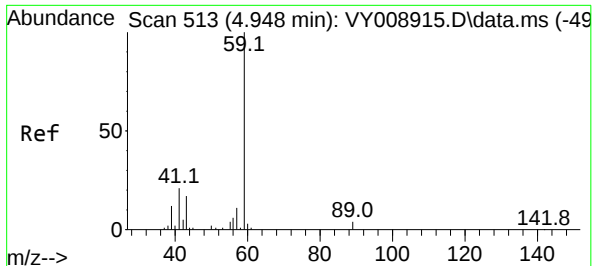
Tgt Ion:101 Resp: 58470
Ion Ratio Lower Upper
101 100
85 46.8 40.6 60.8
151 74.1 64.9 97.3



#10
Methyl Iodide
Concen: 56.036 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.007 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion:142 Resp: 63736
Ion Ratio Lower Upper
142 100
127 45.6 41.5 62.3
141 15.0 11.9 17.9

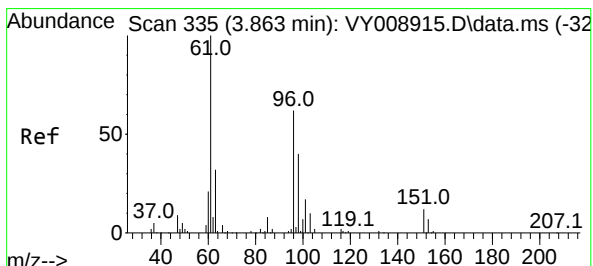
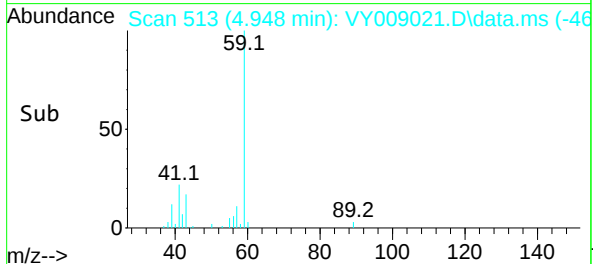
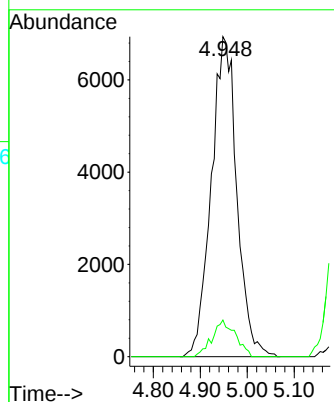
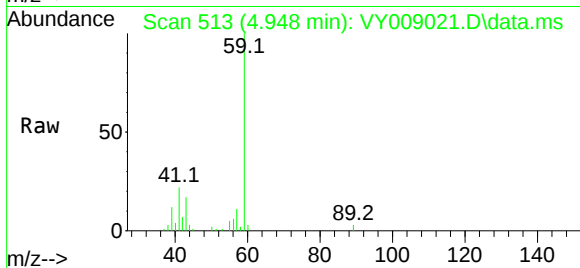




#11
Tert butyl alcohol
Concen: 231.387 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

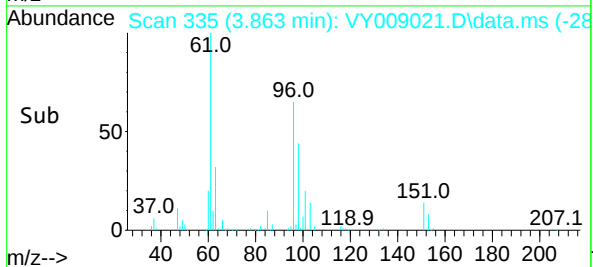
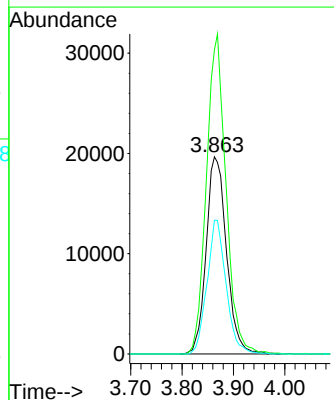
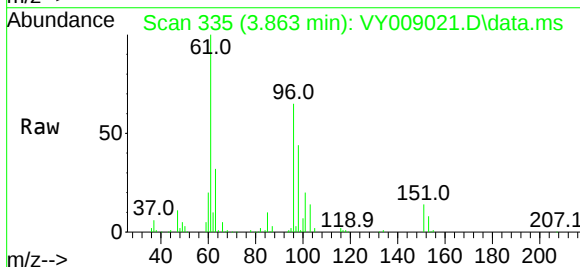
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

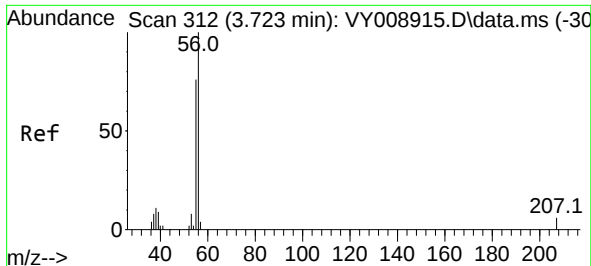
Tgt Ion: 59 Resp: 26260
Ion Ratio Lower Upper
59 100
57 10.4 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 52.925 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

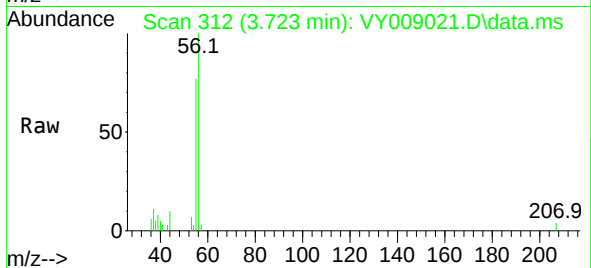
Tgt Ion: 96 Resp: 54118
Ion Ratio Lower Upper
96 100
61 154.3 145.8 218.6
98 67.9 52.5 78.7



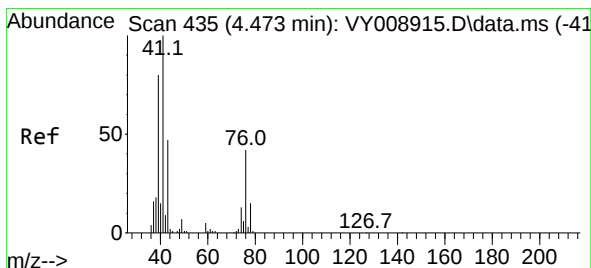
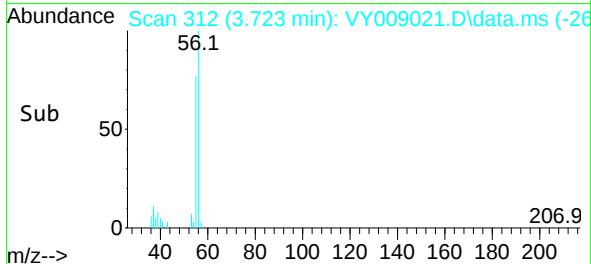
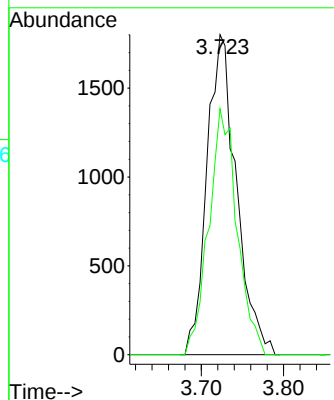


#13
Acrolein
Concen: 120.168 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

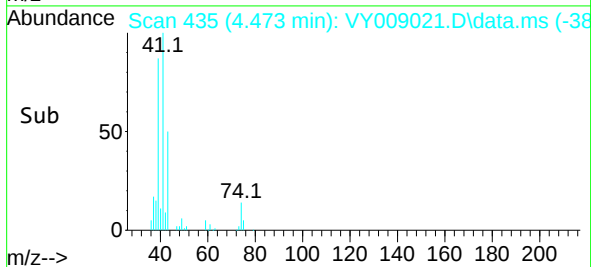
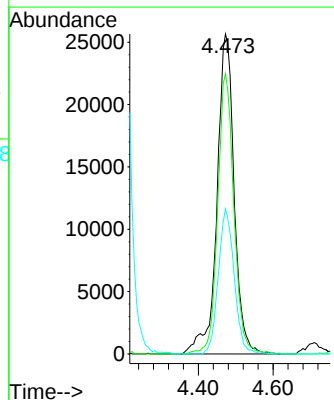
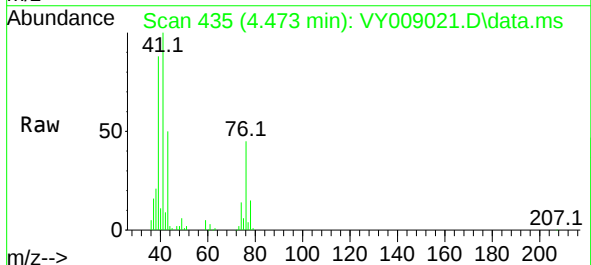


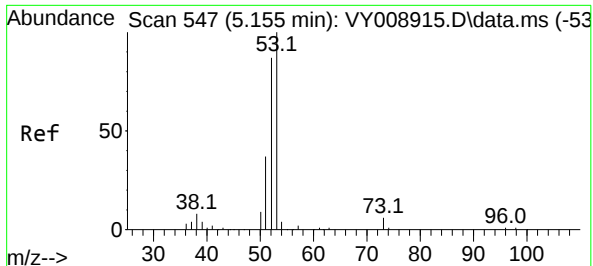
Tgt Ion: 56 Resp: 4489
Ion Ratio Lower Upper
56 100
55 73.9 57.6 86.4



#14
Allyl chloride
Concen: 53.189 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion: 41 Resp: 81964
Ion Ratio Lower Upper
41 100
39 82.5 58.8 88.2
76 41.6 25.1 37.7#

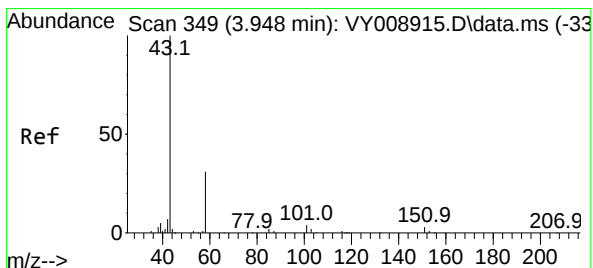
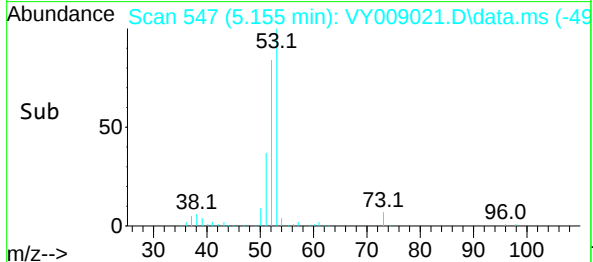
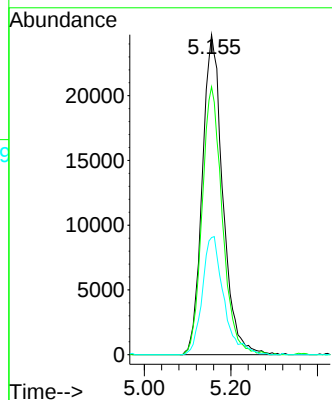
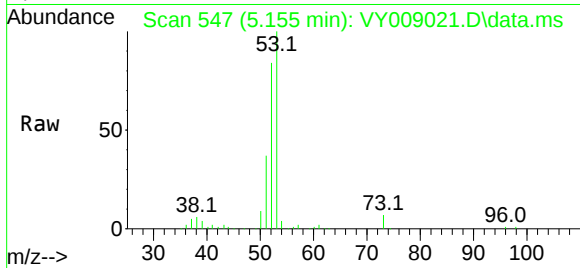




#15
Acrylonitrile
Concen: 259.179 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

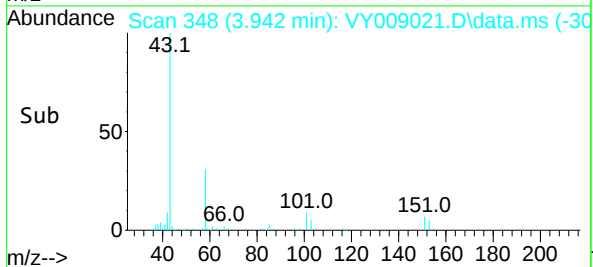
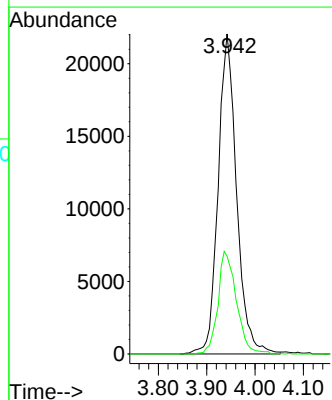
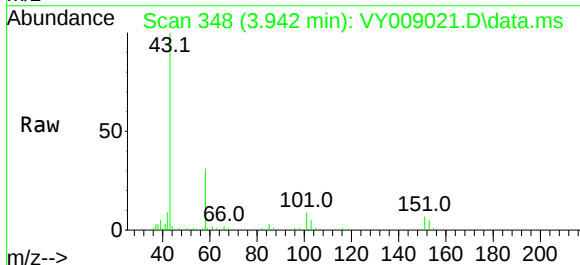
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

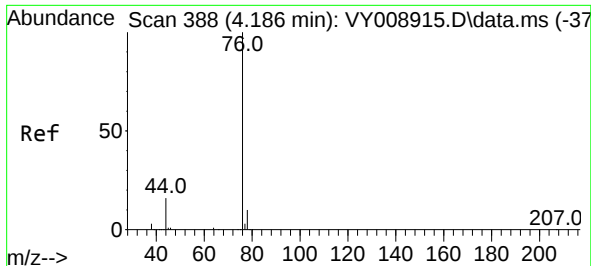
Tgt Ion:	53	Resp:	81324
Ion	Ratio	Lower	Upper
53	100		
52	82.2	67.0	100.4
51	38.5	29.8	44.6



#16
Acetone
Concen: 251.039 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion:	43	Resp:	58467
Ion	Ratio	Lower	Upper
43	100		
58	30.6	22.0	33.0

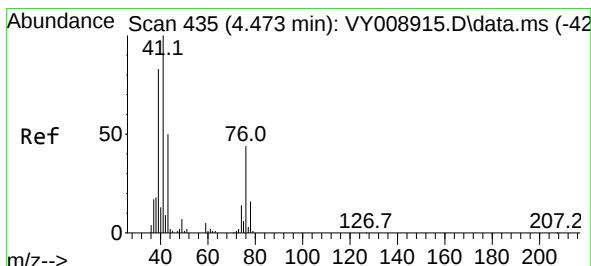
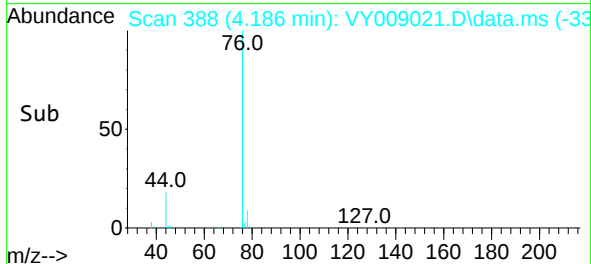
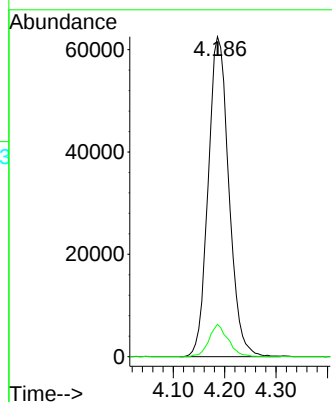
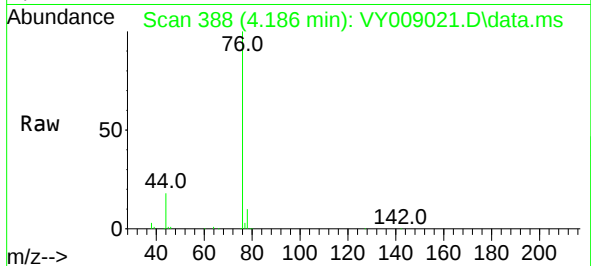




#17
Carbon Disulfide
Concen: 52.361 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

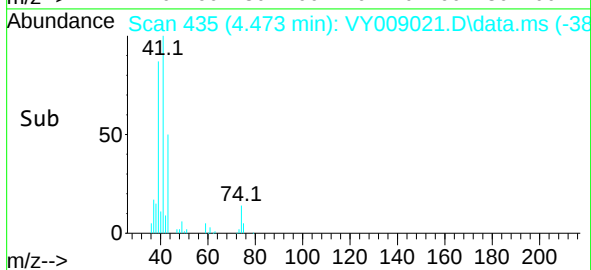
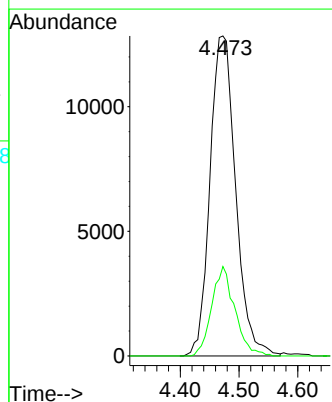
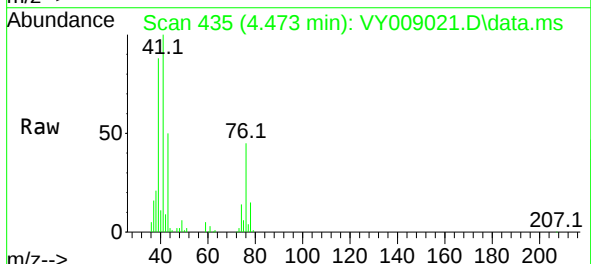
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 174920
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0



#18
Methyl Acetate
Concen: 53.738 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion: 43 Resp: 38973
Ion Ratio Lower Upper
43 100
74 25.2 16.6 24.8#

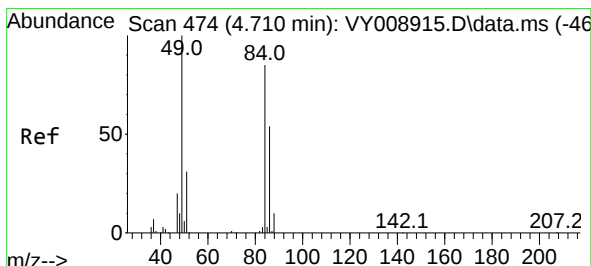
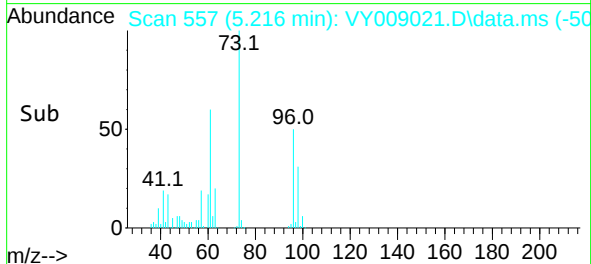
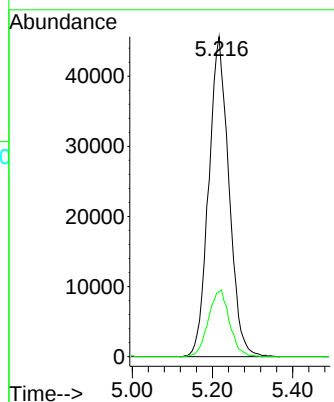
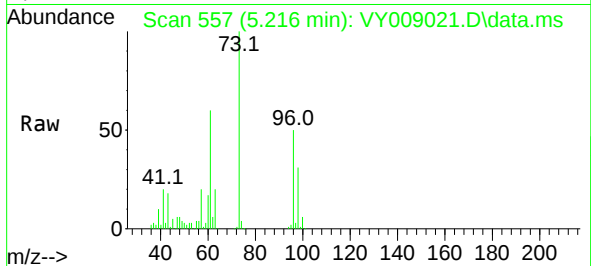




#19
Methyl tert-butyl Ether
Concen: 52.013 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

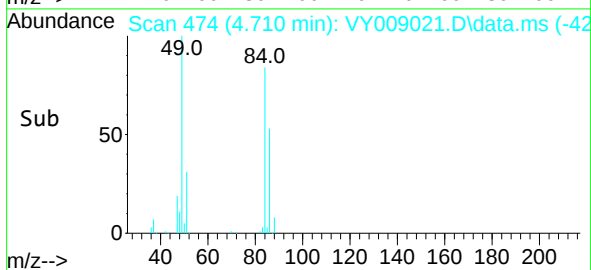
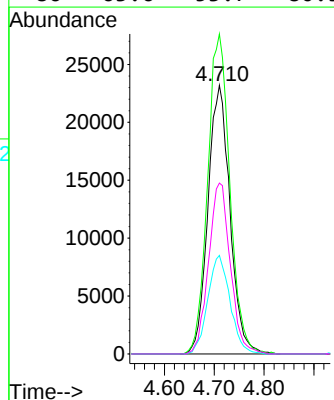
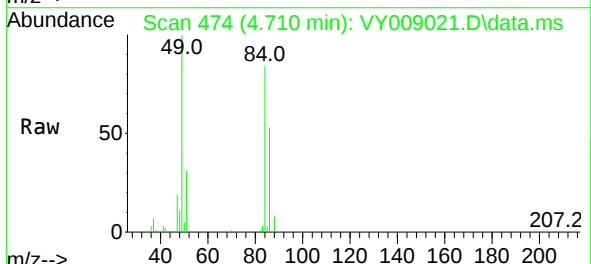
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 159636
Ion Ratio Lower Upper
73 100
57 20.3 18.6 27.8



#20
Methylene Chloride
Concen: 55.673 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion: 84 Resp: 71246
Ion Ratio Lower Upper
84 100
49 119.1 114.4 171.6
51 36.7 35.3 52.9
86 63.6 53.7 80.5

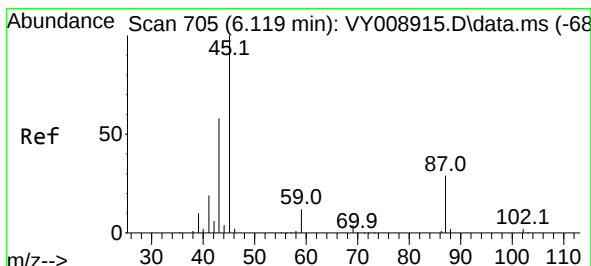
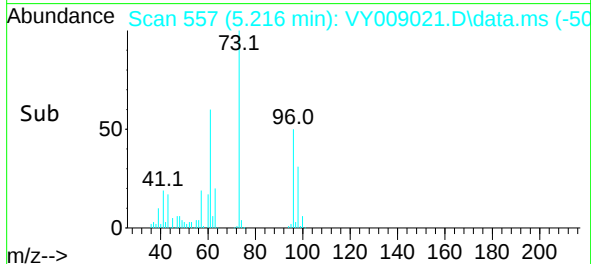
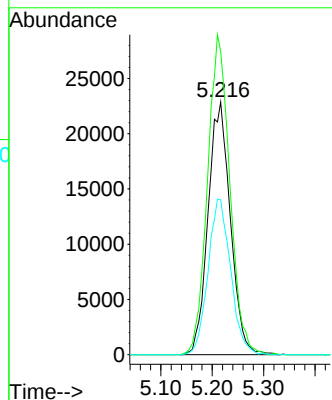
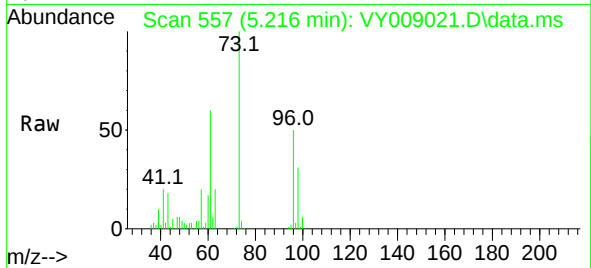




#21
trans-1,2-Dichloroethene
Concen: 52.608 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

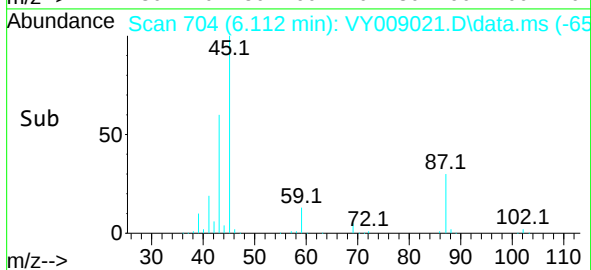
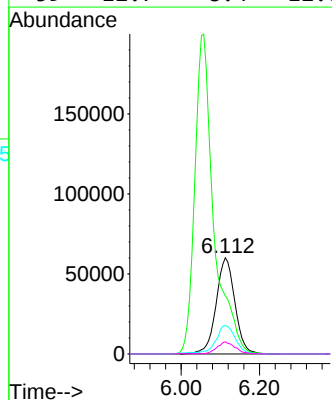
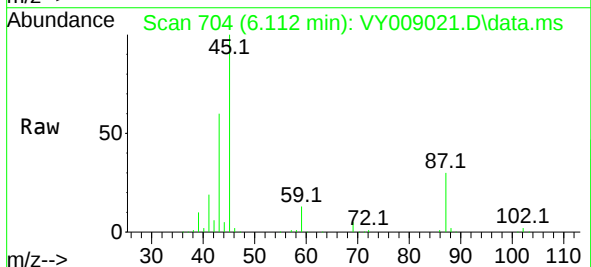
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

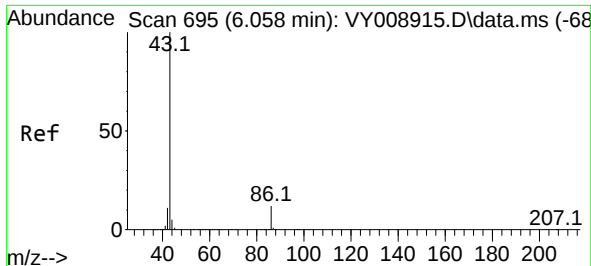
Tgt Ion: 96 Resp: 69046
Ion Ratio Lower Upper
96 100
61 119.8 120.5 180.7#
98 61.3 49.8 74.8



#22
Diisopropyl ether
Concen: 54.104 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion: 45 Resp: 200304
Ion Ratio Lower Upper
45 100
43 60.0 49.3 73.9
87 29.6 19.2 28.8#
59 12.7 8.4 12.6#

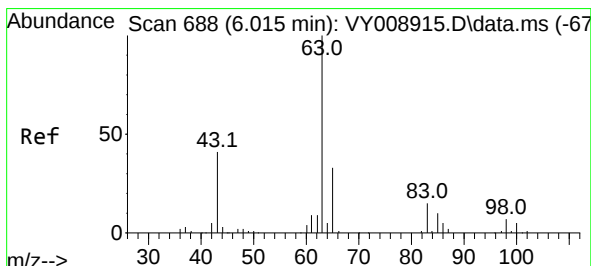
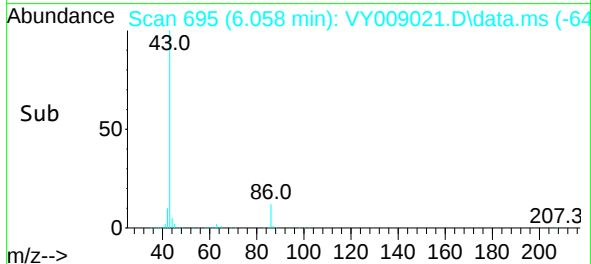
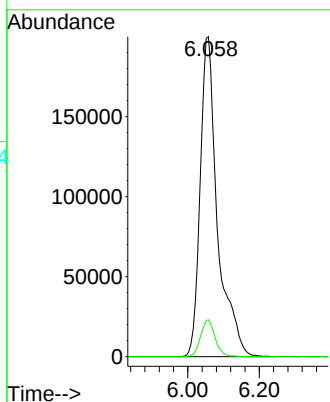
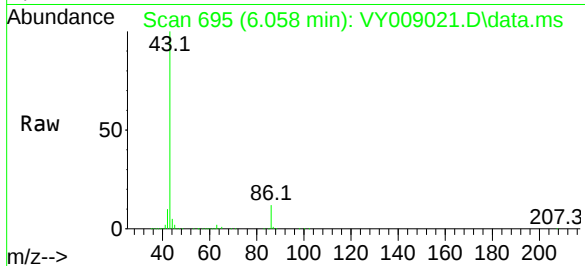




#23
 Vinyl Acetate
 Concen: 274.562 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY009021.D
 Acq: 23 May 2022 21:18

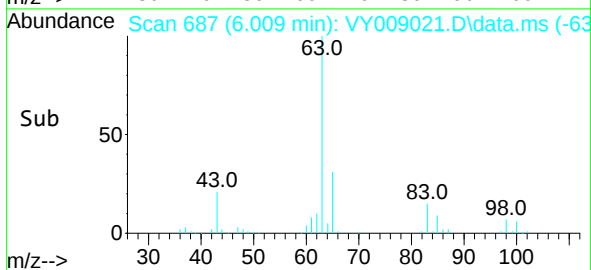
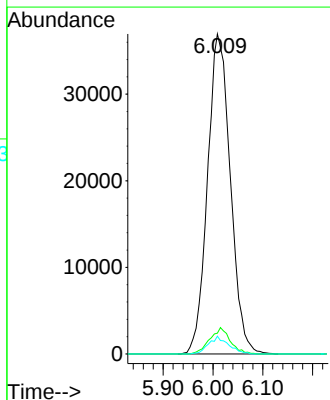
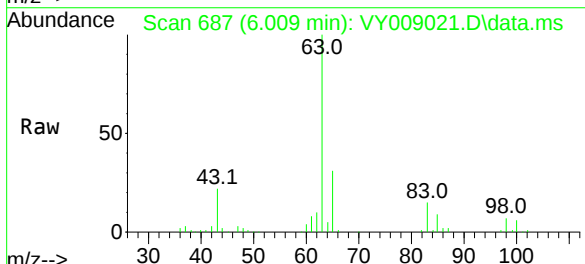
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 672381
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 53.059 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY009021.D
 Acq: 23 May 2022 21:18

Tgt Ion: 63 Resp: 117491
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 5.6 2.0 5.8





#25

2-Butanone

Concen: 262.906 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

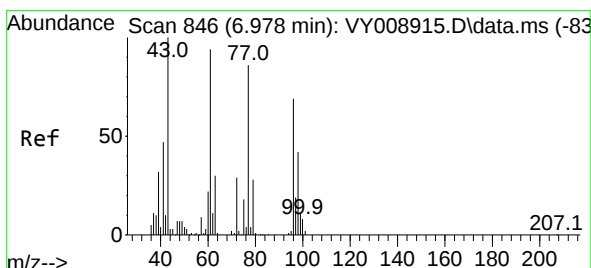
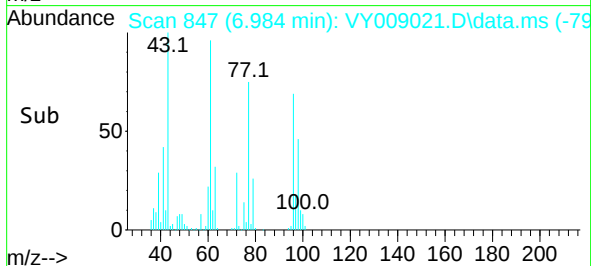
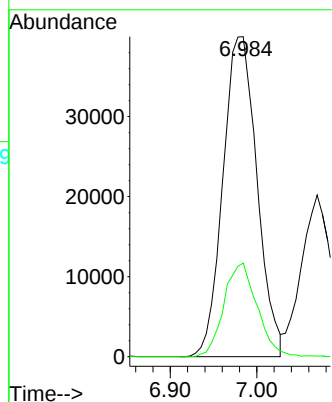
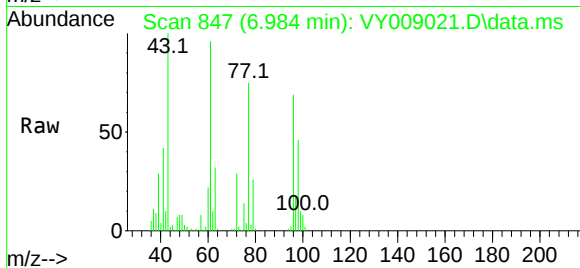
VSTDCCC050

Tgt Ion: 43 Resp: 109365

Ion Ratio Lower Upper

43 100

72 29.2 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 49.866 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009021.D

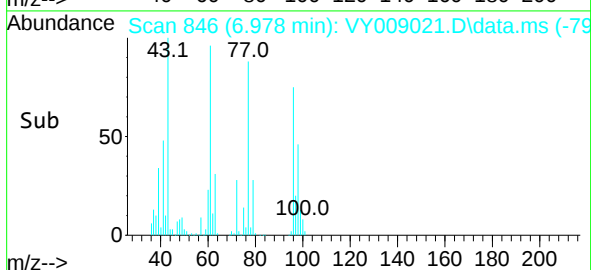
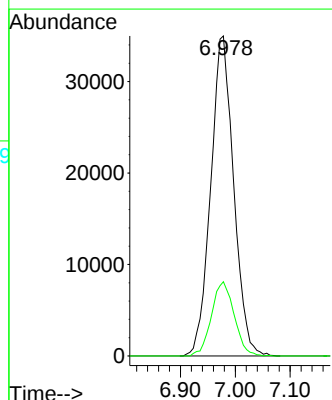
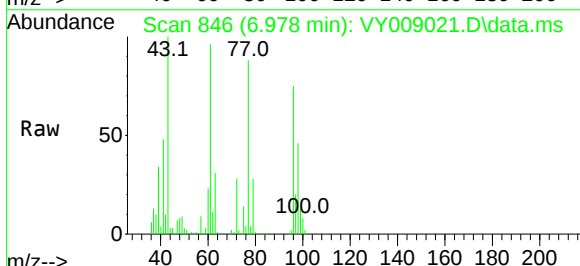
Acq: 23 May 2022 21:18

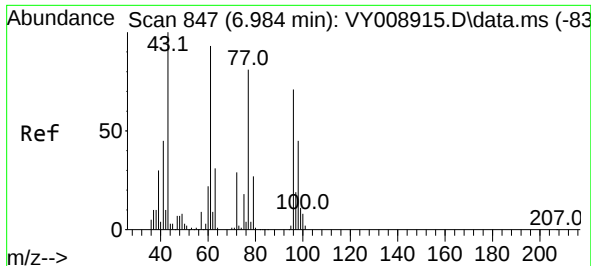
Tgt Ion: 77 Resp: 101715

Ion Ratio Lower Upper

77 100

97 23.0 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 52.426 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

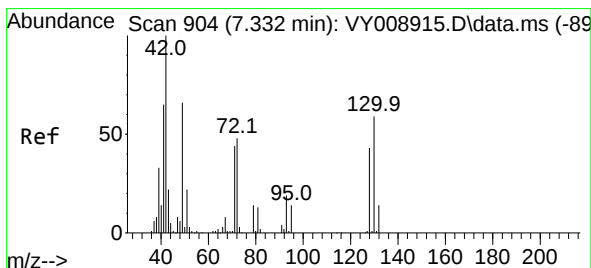
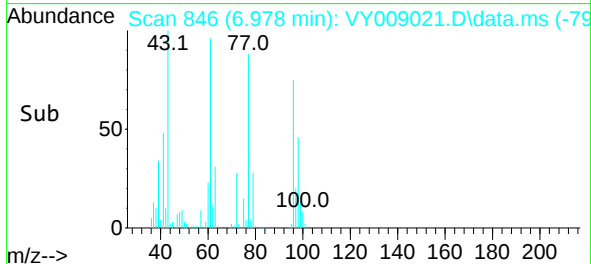
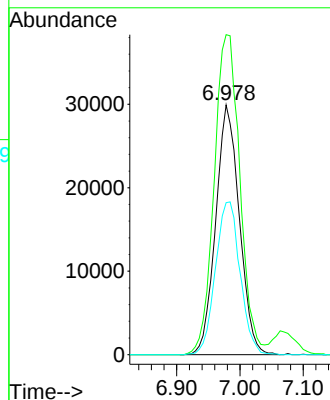
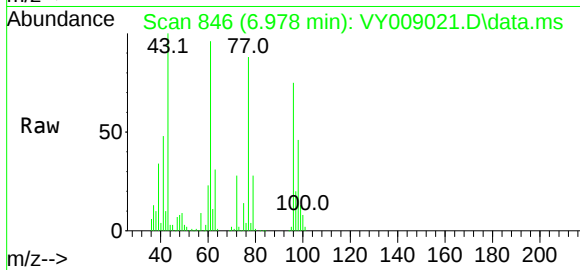
Tgt Ion: 96 Resp: 77564

Ion Ratio Lower Upper

96 100

61 139.3 0.0 319.8

98 63.8 0.0 127.0



#28

Bromochloromethane

Concen: 53.989 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

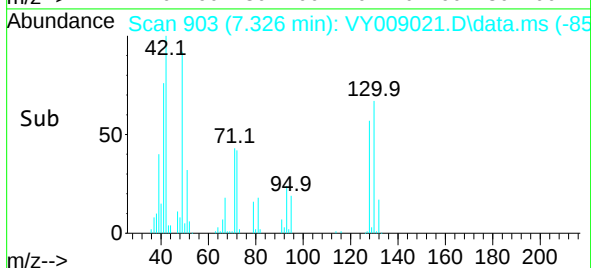
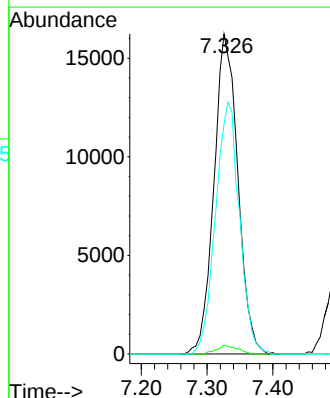
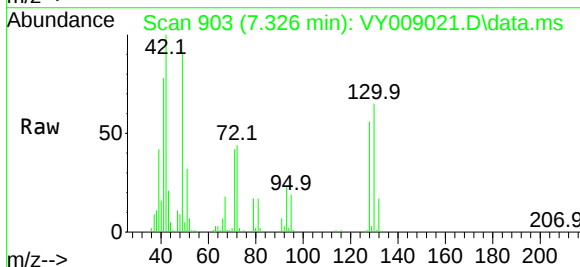
Tgt Ion: 49 Resp: 41034

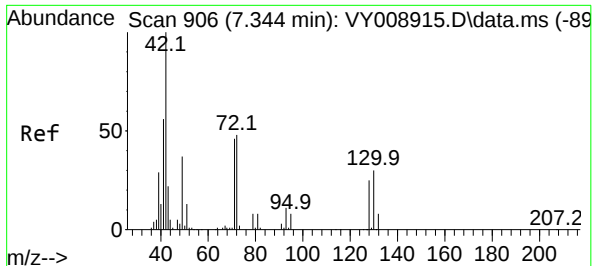
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.2#

130 78.8 55.4 83.0





#29

Tetrahydrofuran

Concen: 267.934 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

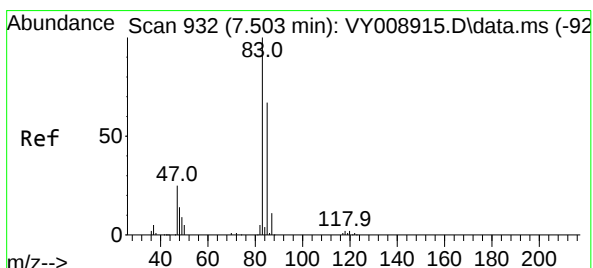
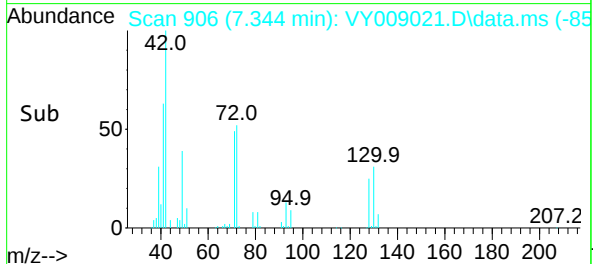
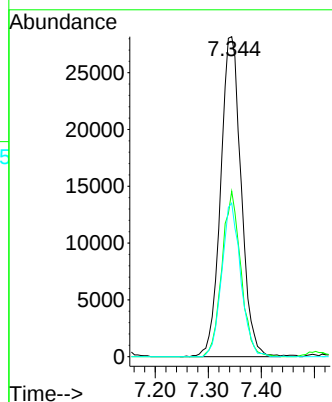
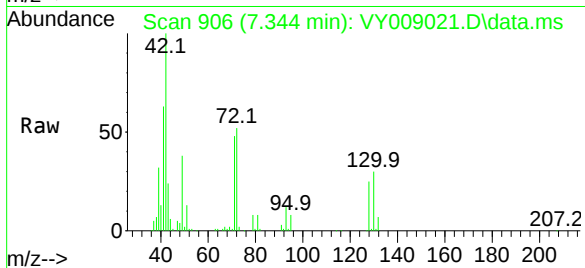
Tgt Ion: 42 Resp: 75710

Ion Ratio Lower Upper

42 100

72 47.6 30.3 45.5#

71 44.5 29.0 43.4#



#30

Chloroform

Concen: 52.970 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.001 min

Lab File: VY009021.D

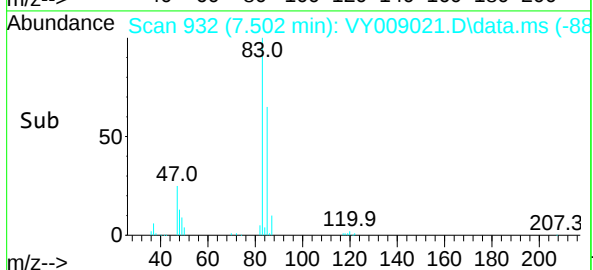
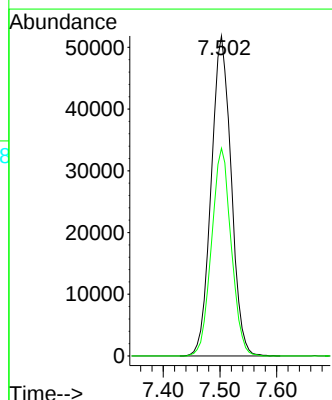
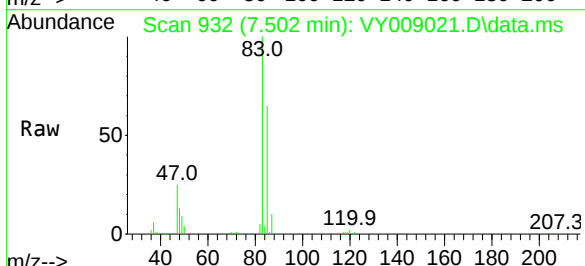
Acq: 23 May 2022 21:18

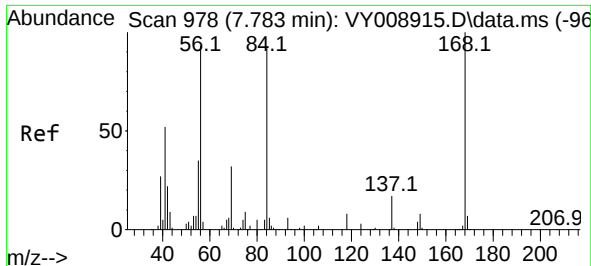
Tgt Ion: 83 Resp: 126614

Ion Ratio Lower Upper

83 100

85 64.9 51.8 77.6

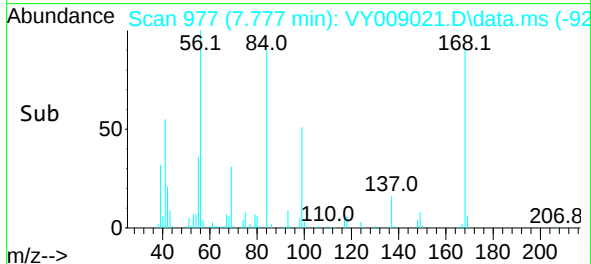
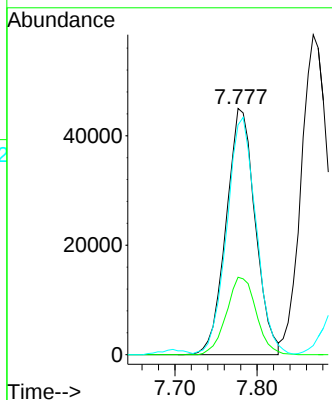
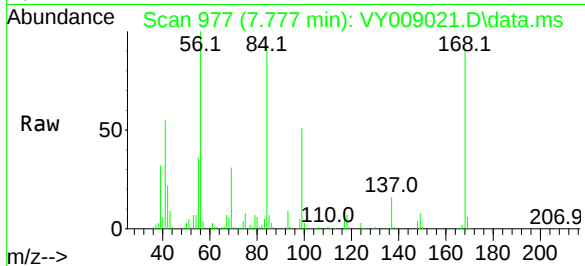




#31
Cyclohexane
Concen: 50.531 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

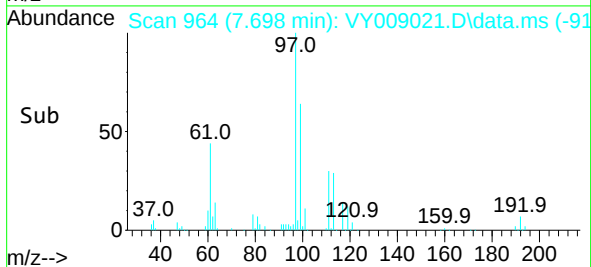
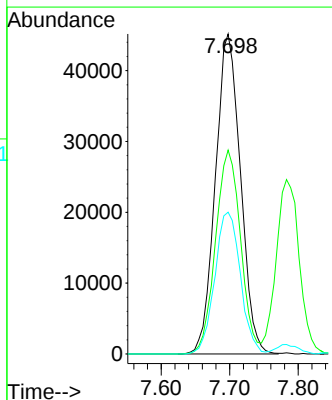
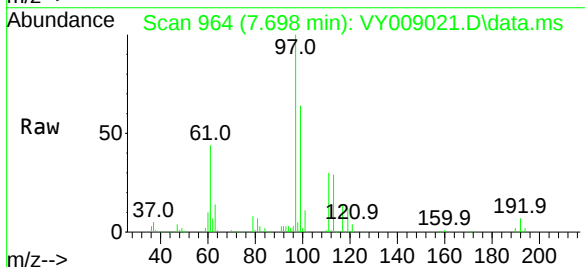
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

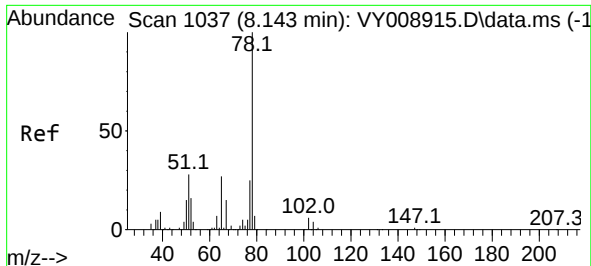
Tgt Ion: 56 Resp: 110605
Ion Ratio Lower Upper
56 100
69 31.5 26.7 40.1
84 91.7 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 52.918 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion: 97 Resp: 114756
Ion Ratio Lower Upper
97 100
99 63.8 50.7 76.1
61 45.3 37.6 56.4

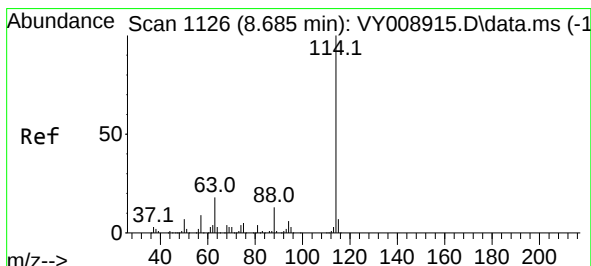
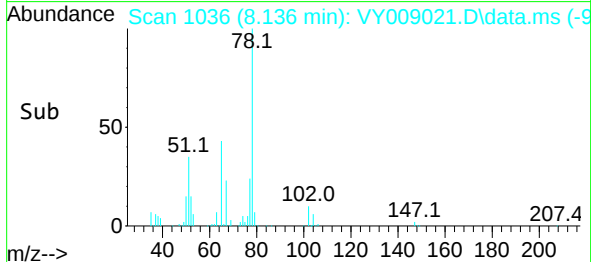
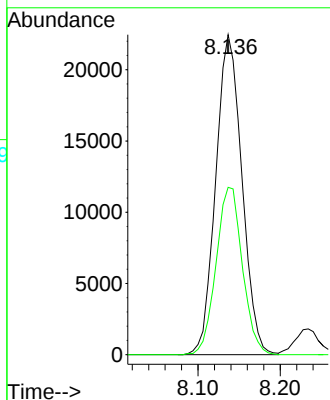
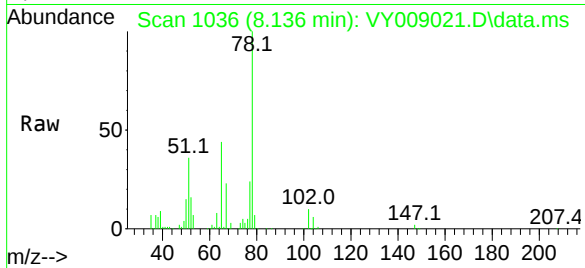




#33
 1,2-Dichloroethane-d4
 Concen: 44.453 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.007 min
 Lab File: VY009021.D
 Acq: 23 May 2022 21:18

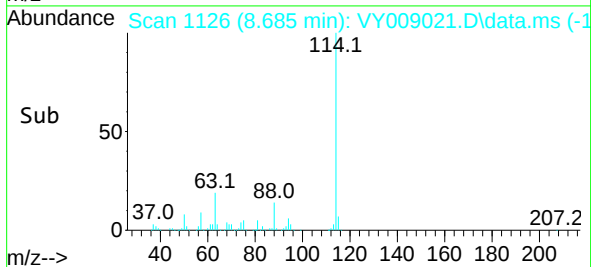
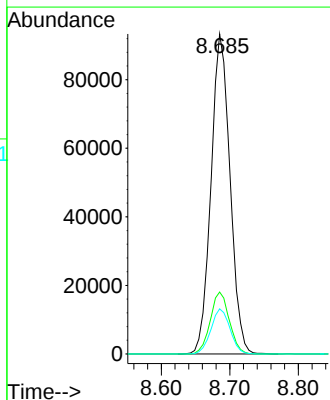
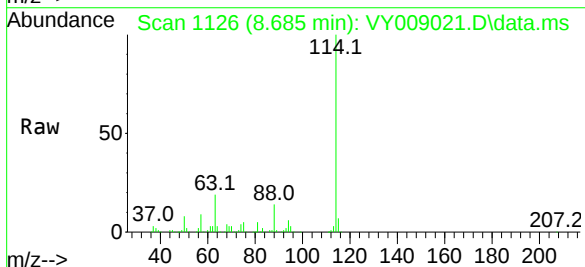
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

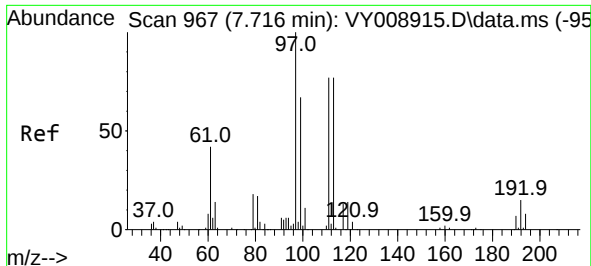
Tgt Ion: 65 Resp: 49737
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009021.D
 Acq: 23 May 2022 21:18

Tgt Ion: 114 Resp: 179781
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 43.2
 88 14.1 0.0 31.8

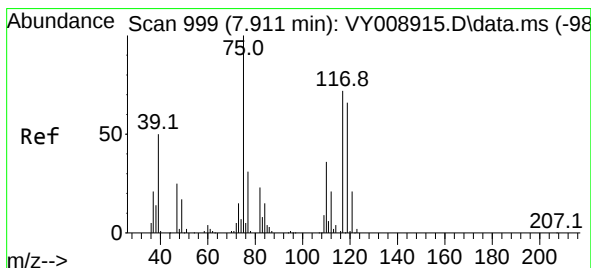
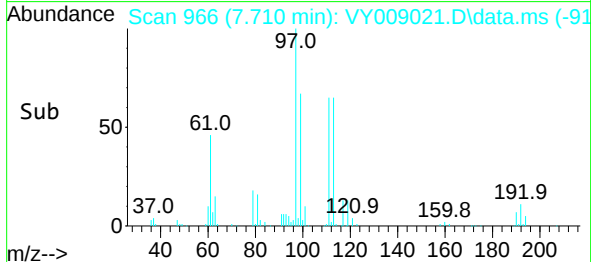
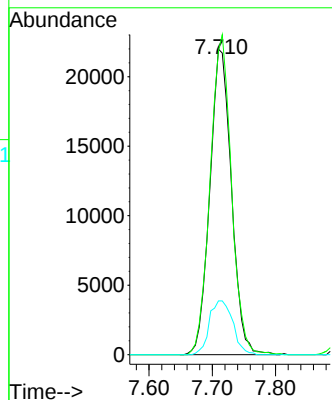
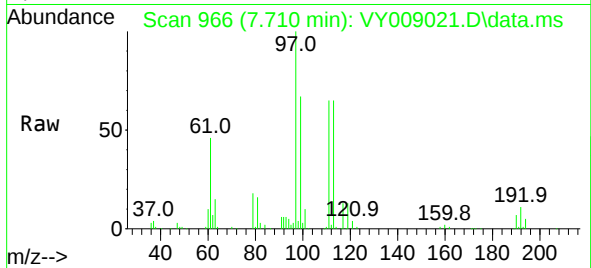




#35
Dibromofluoromethane
Concen: 46.686 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

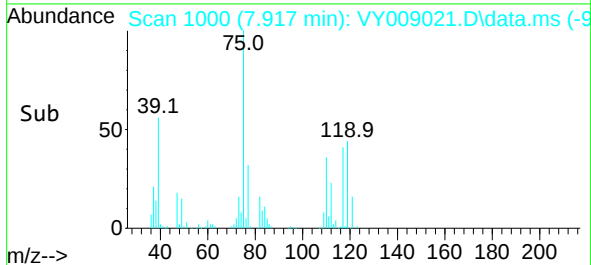
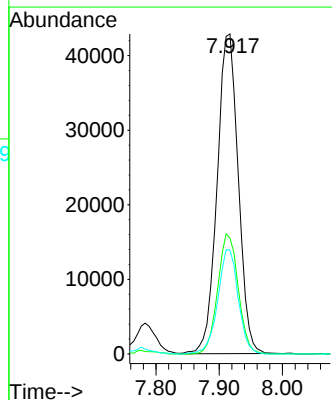
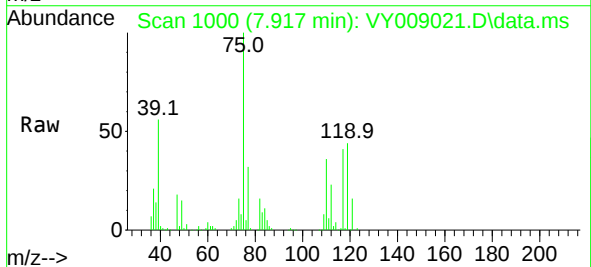
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

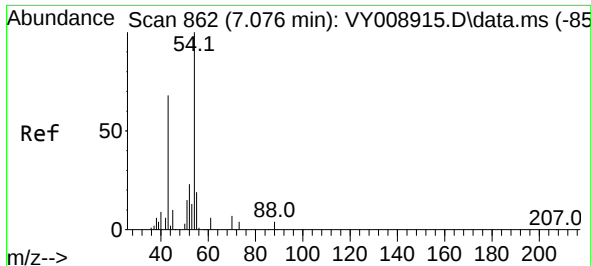
Tgt Ion:113 Resp: 52193
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 19.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 52.274 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion: 75 Resp: 99453
Ion Ratio Lower Upper
75 100
110 36.3 17.1 51.2
77 31.7 24.4 36.6

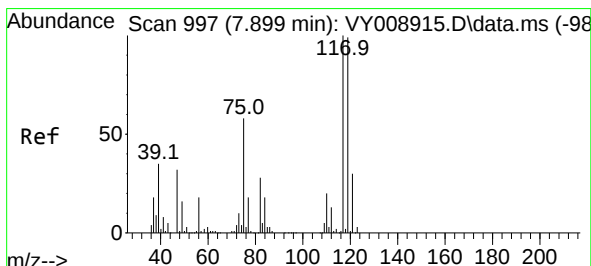
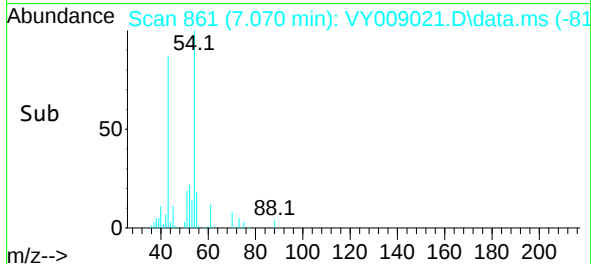
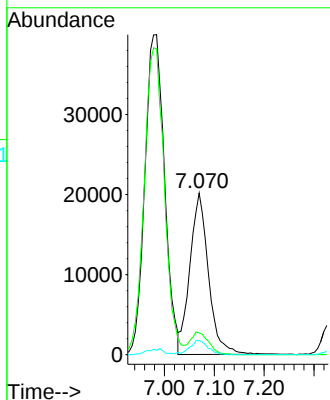
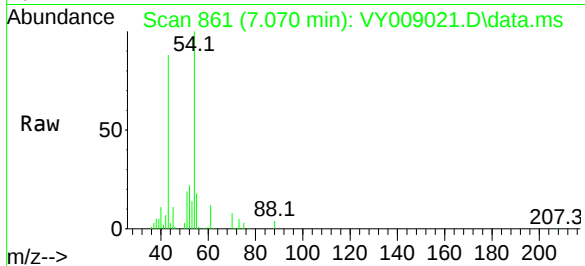




#37
Ethyl Acetate
Concen: 52.871 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

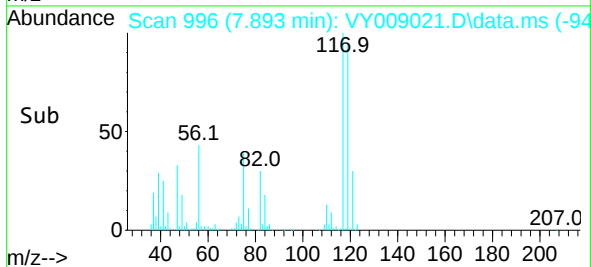
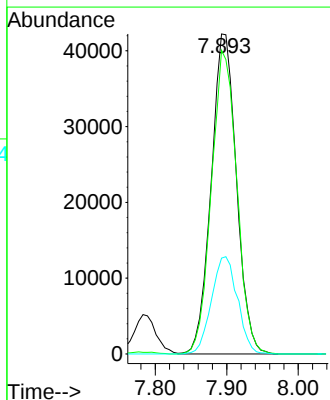
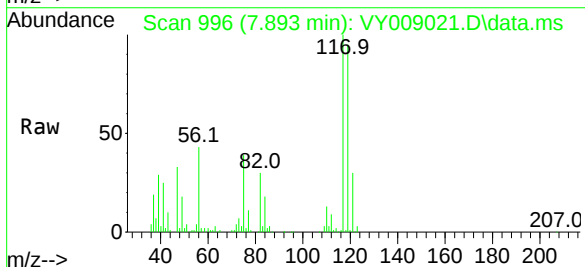
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 52178
Ion Ratio Lower Upper
43 100
61 13.9 9.7 14.5
70 8.7 7.1 10.7



#38
Carbon Tetrachloride
Concen: 52.012 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion: 117 Resp: 103517
Ion Ratio Lower Upper
117 100
119 94.9 77.9 116.9
121 30.0 24.8 37.2





#39

Methylcyclohexane

Concen: 53.184 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

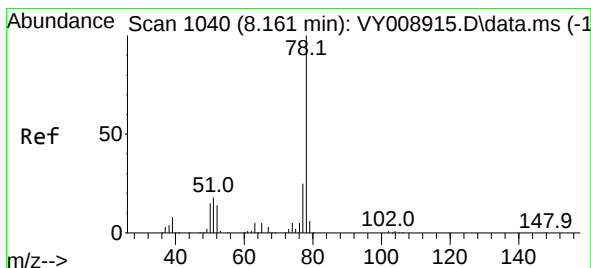
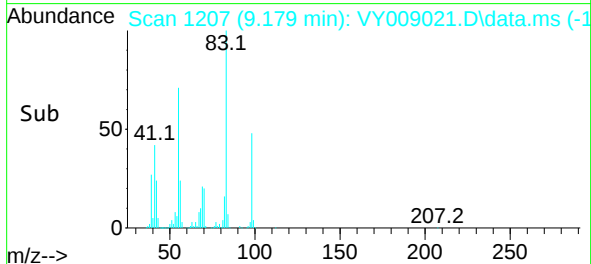
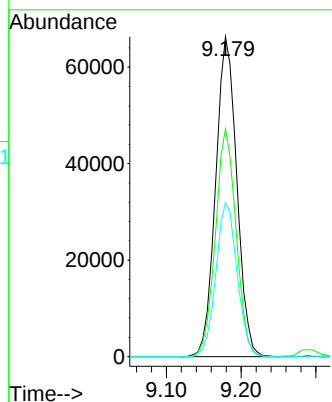
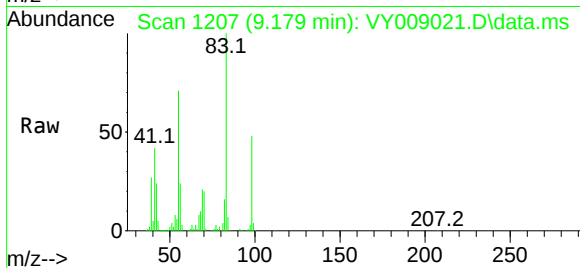
Tgt Ion: 83 Resp: 130607

Ion Ratio Lower Upper

83 100

55 71.2 66.5 99.7

98 48.2 37.9 56.9



#40

Benzene

Concen: 53.398 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY009021.D

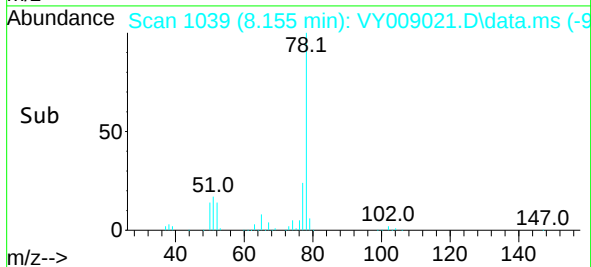
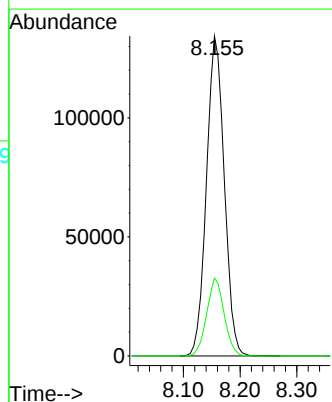
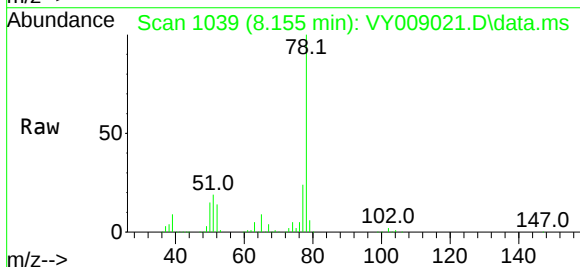
Acq: 23 May 2022 21:18

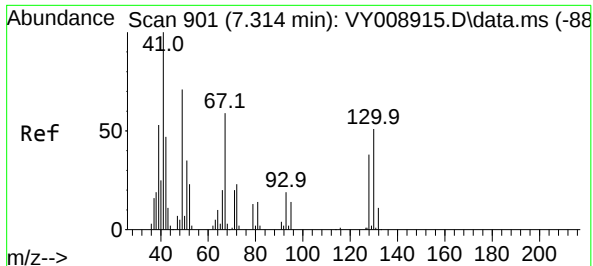
Tgt Ion: 78 Resp: 292953

Ion Ratio Lower Upper

78 100

77 24.4 20.4 30.6

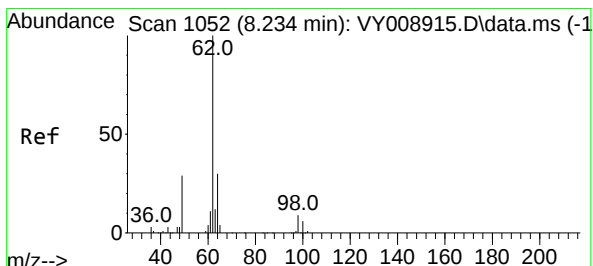
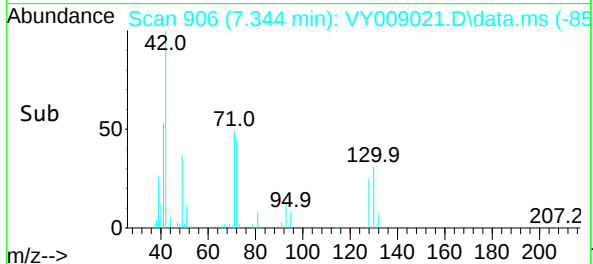
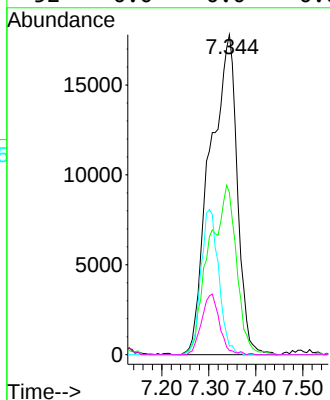
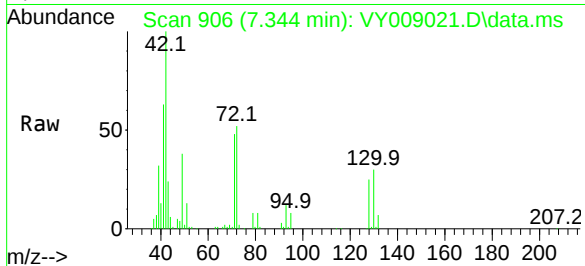




#41
Methacrylonitrile
Concen: 140.566 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

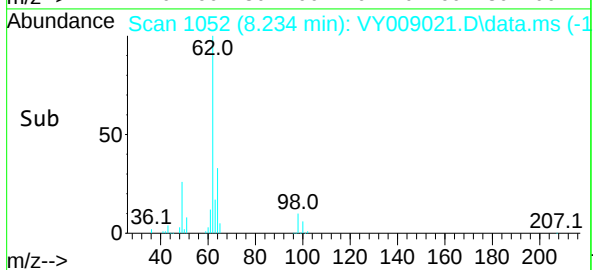
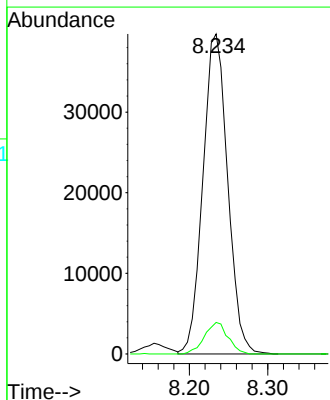
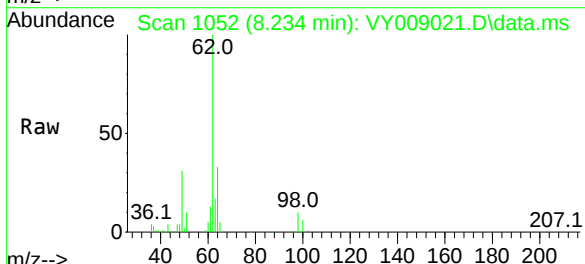
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

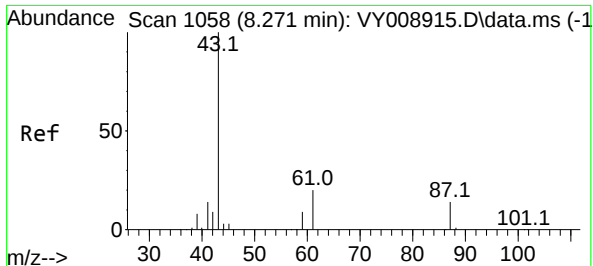
Tgt Ion: 41 Resp: 71586
Ion Ratio Lower Upper
41 100
39 53.3 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 54.100 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion: 62 Resp: 87154
Ion Ratio Lower Upper
62 100
98 9.4 0.0 14.8





#43

Isopropyl Acetate

Concen: 55.590 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

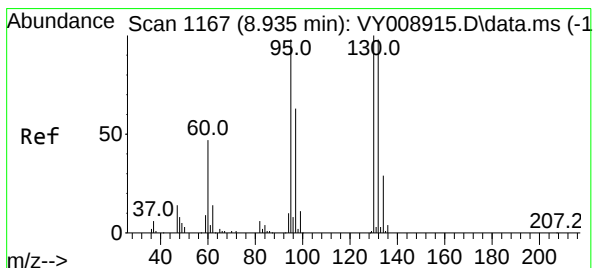
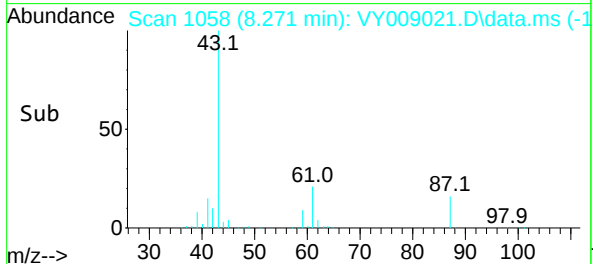
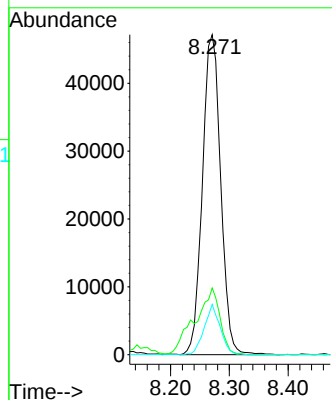
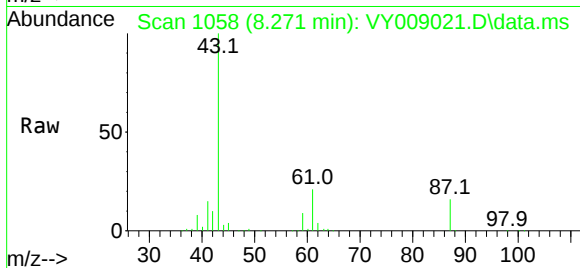
Tgt Ion: 43 Resp: 102010

Ion Ratio Lower Upper

43 100

61 28.6 20.2 30.2

87 13.7 8.9 13.3#



#44

Trichloroethene

Concen: 52.394 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY009021.D

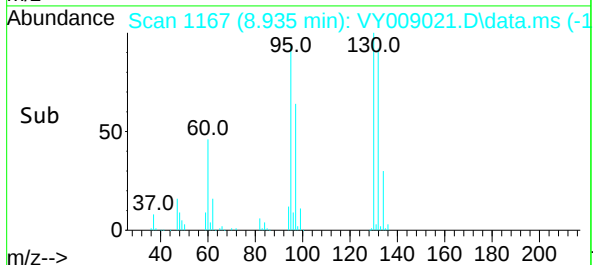
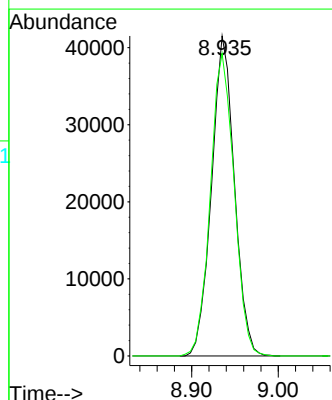
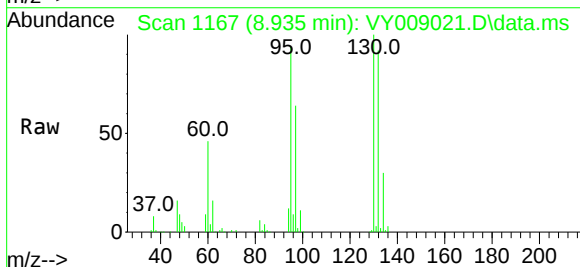
Acq: 23 May 2022 21:18

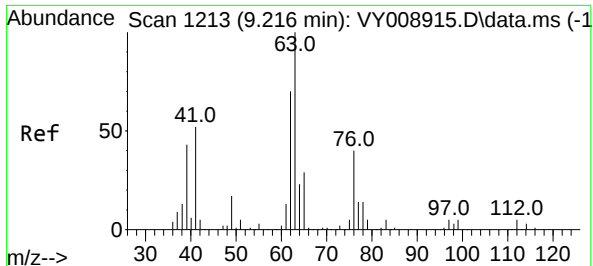
Tgt Ion:130 Resp: 76109

Ion Ratio Lower Upper

130 100

95 94.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 55.009 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

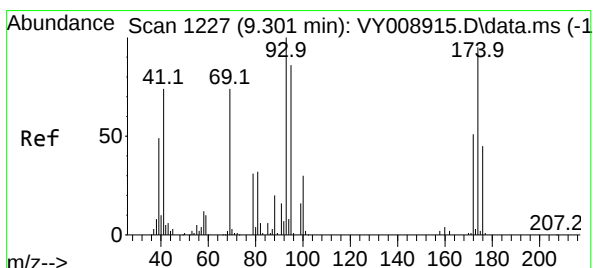
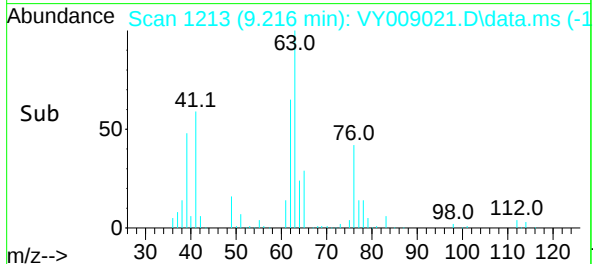
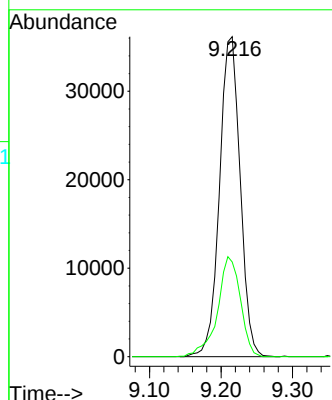
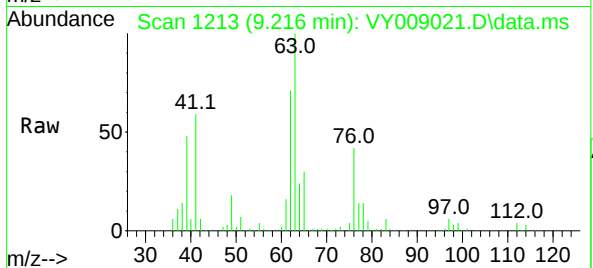
VSTDCCC050

Tgt Ion: 63 Resp: 72464

Ion Ratio Lower Upper

63 100

65 29.6 23.0 34.6



#46

Dibromomethane

Concen: 53.938 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

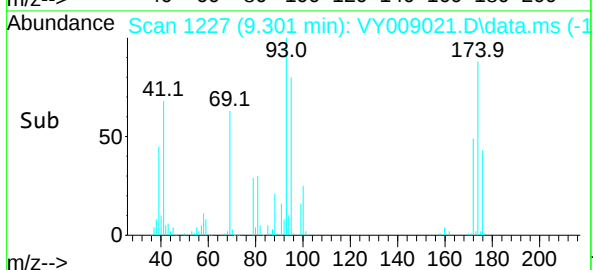
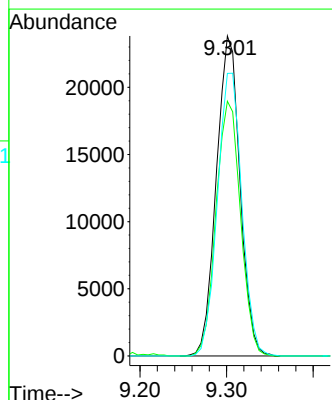
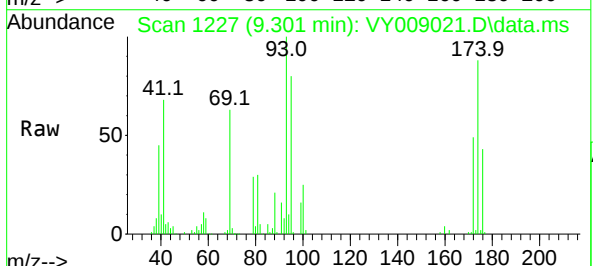
Tgt Ion: 93 Resp: 45180

Ion Ratio Lower Upper

93 100

95 82.4 64.3 96.5

174 91.3 83.4 125.0

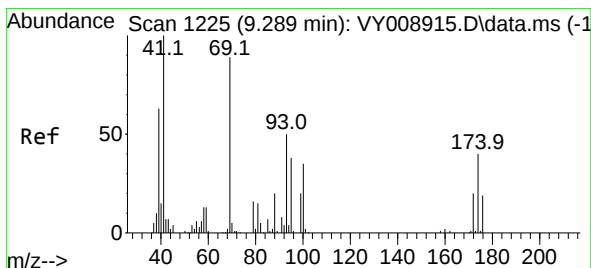
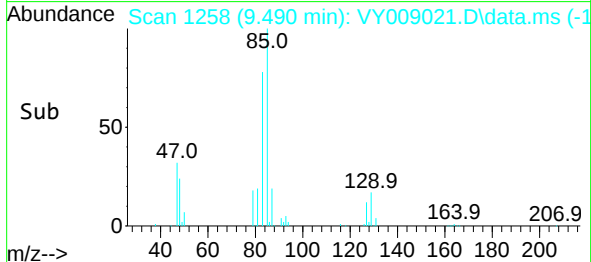
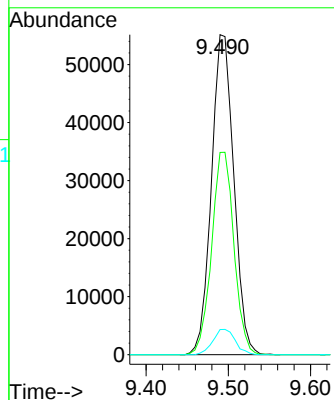
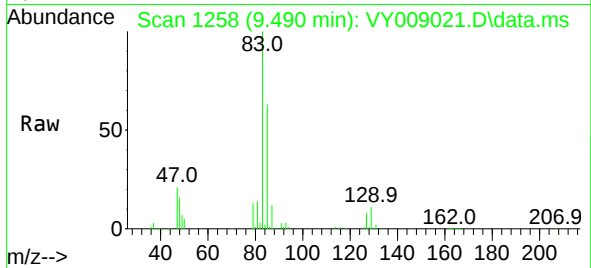




#47
Bromodichloromethane
Concen: 54.452 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

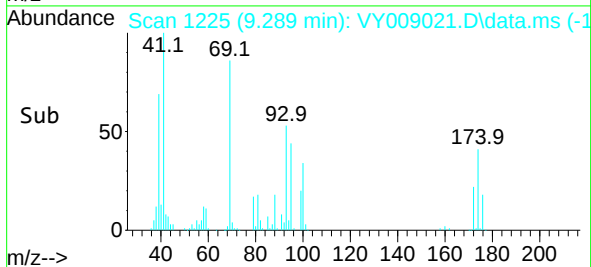
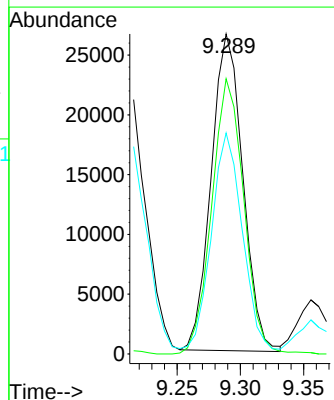
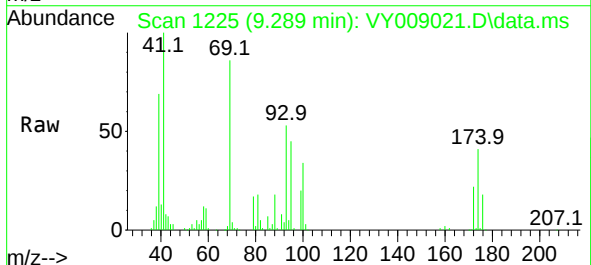
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

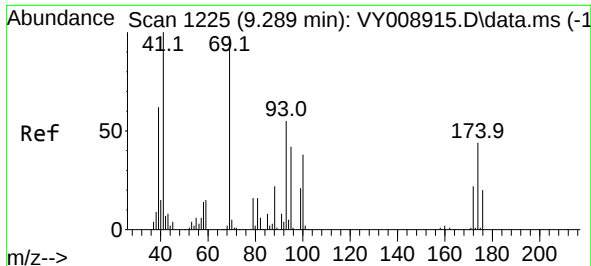
Tgt Ion: 83 Resp: 104238
Ion Ratio Lower Upper
83 100
85 63.2 51.9 77.9
127 7.8 6.6 10.0



#48
Methyl methacrylate
Concen: 56.251 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion: 41 Resp: 46092
Ion Ratio Lower Upper
41 100
69 88.0 58.2 87.2#
39 66.2 47.4 71.0





#49

1,4-Dioxane

Concen: 1090.544 ug/l

RT: 9.295 min Scan# 1225

Delta R.T. 0.006 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

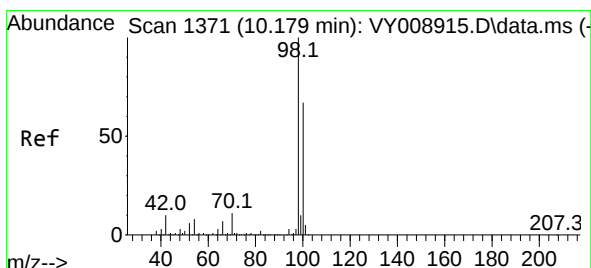
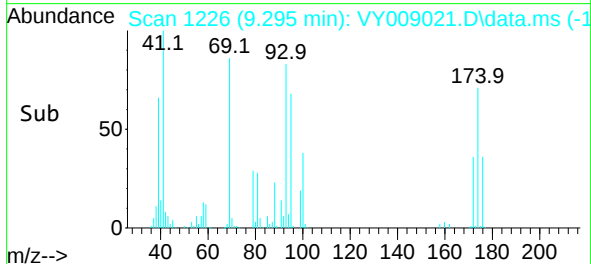
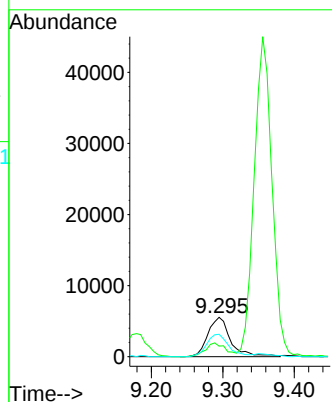
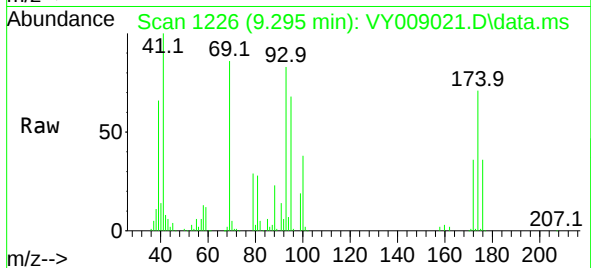
Tgt Ion: 88 Resp: 12211

Ion Ratio Lower Upper

88 100

43 31.9 32.8 49.2#

58 55.4 59.8 89.6#



#50

Toluene-d8

Concen: 42.321 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009021.D

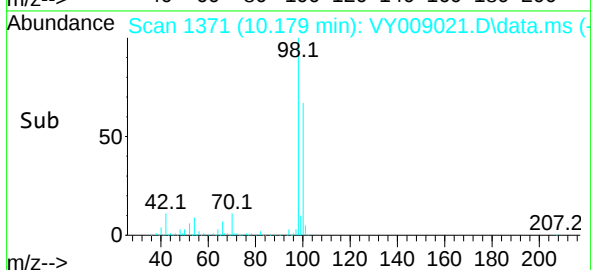
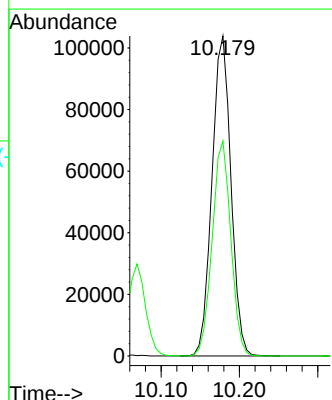
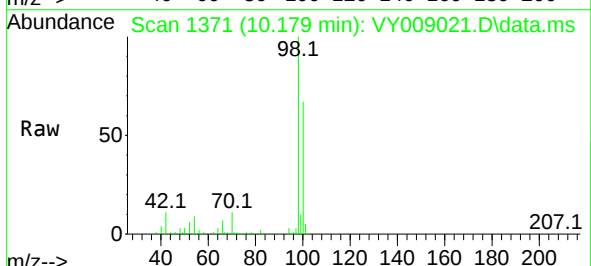
Acq: 23 May 2022 21:18

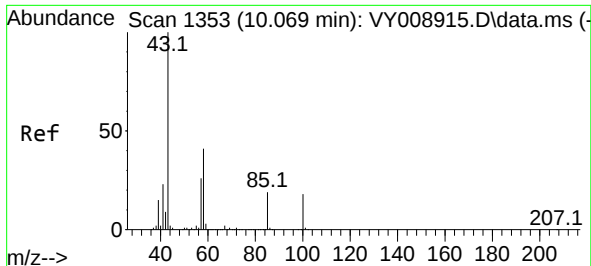
Tgt Ion: 98 Resp: 174545

Ion Ratio Lower Upper

98 100

100 66.1 50.2 75.2

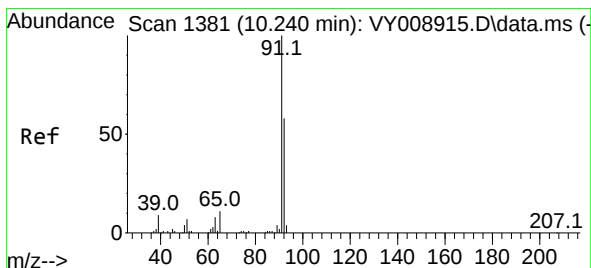
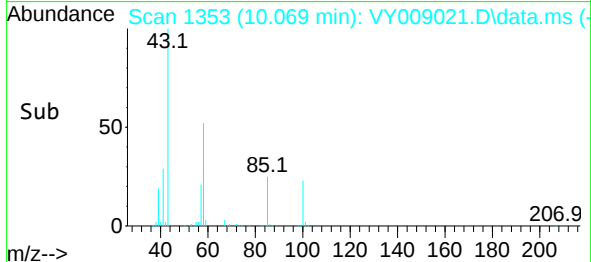
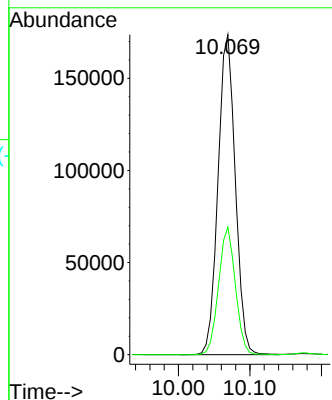
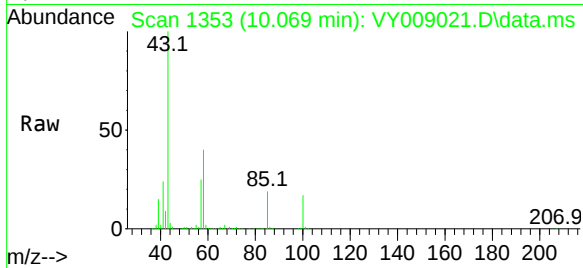




#51
4-Methyl-2-Pentanone
Concen: 286.980 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

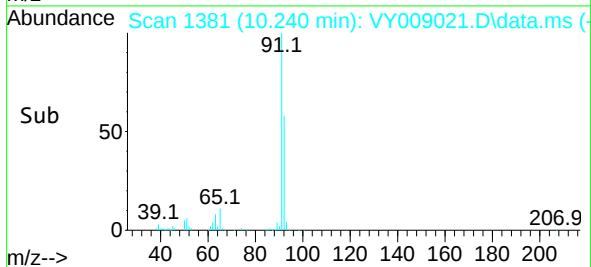
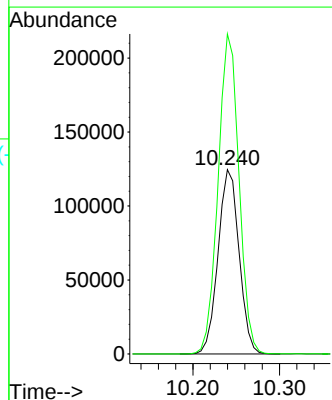
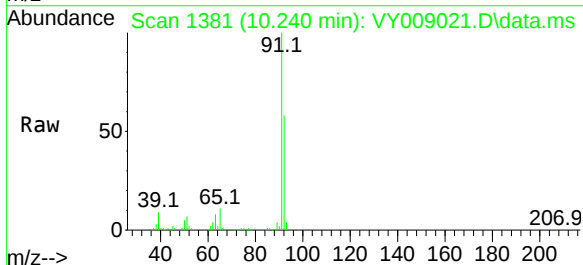
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

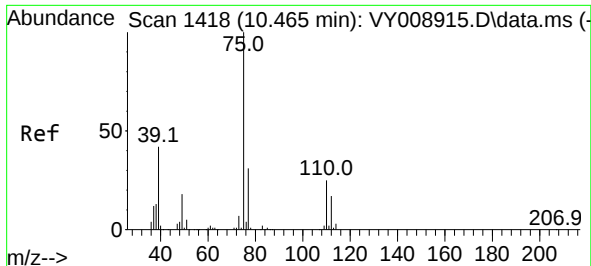
Tgt Ion: 43 Resp: 291450
Ion Ratio Lower Upper
43 100
58 38.7 28.1 42.1



#52
Toluene
Concen: 54.726 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion: 92 Resp: 209818
Ion Ratio Lower Upper
92 100
91 172.8 142.6 213.8

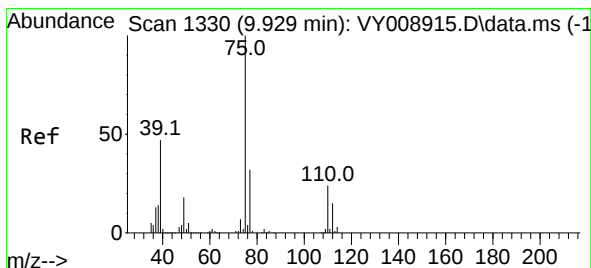
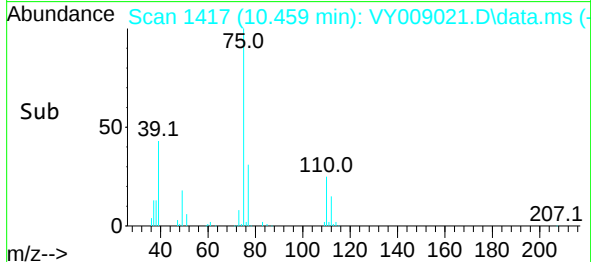
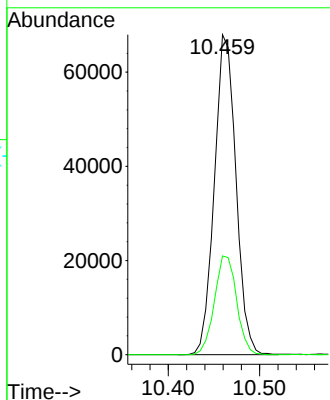
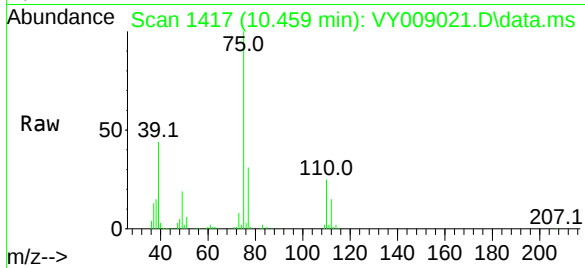




#53
 t-1,3-Dichloropropene
 Concen: 54.815 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY009021.D
 Acq: 23 May 2022 21:18

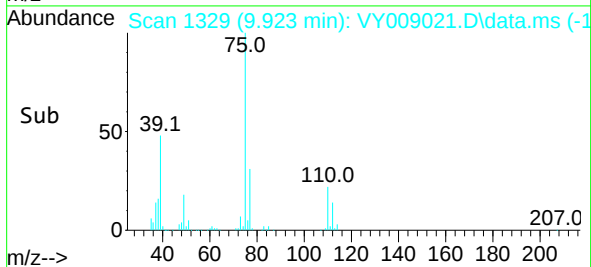
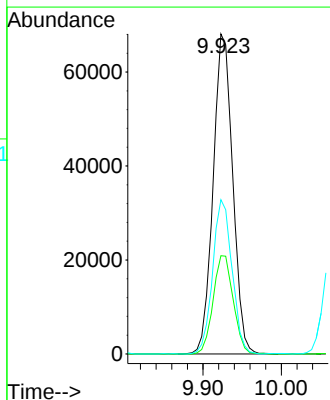
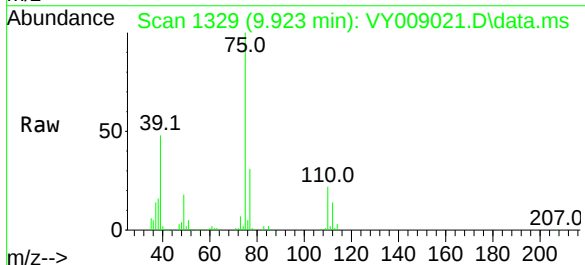
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

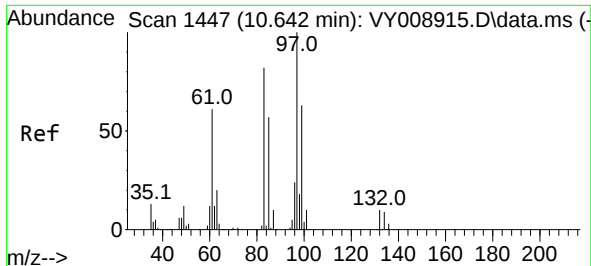
Tgt Ion: 75 Resp: 111432
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 54.145 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY009021.D
 Acq: 23 May 2022 21:18

Tgt Ion: 75 Resp: 118327
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.6 38.4
 39 48.2 47.6 71.4

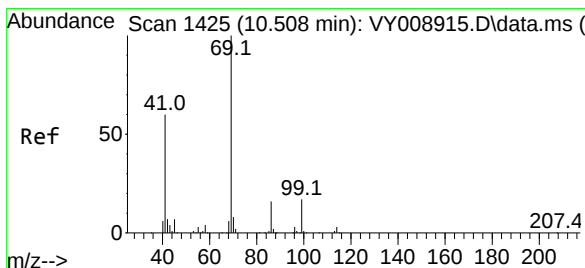
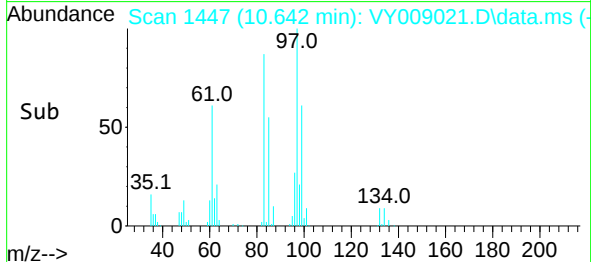
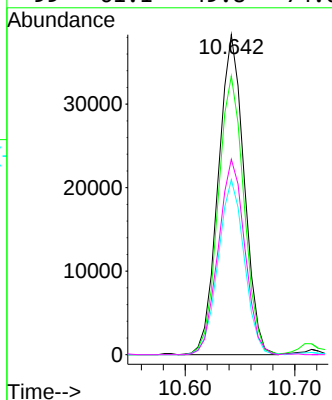
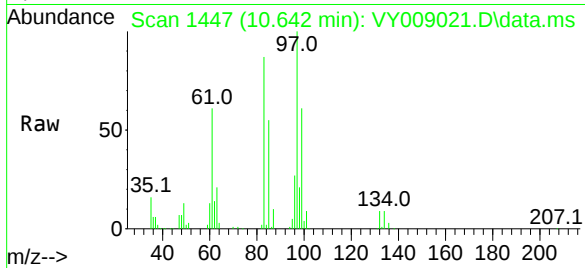




#55
1,1,2-Trichloroethane
Concen: 53.629 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

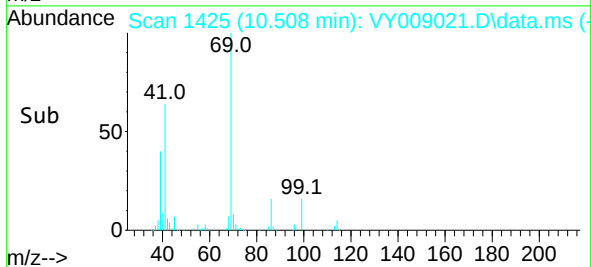
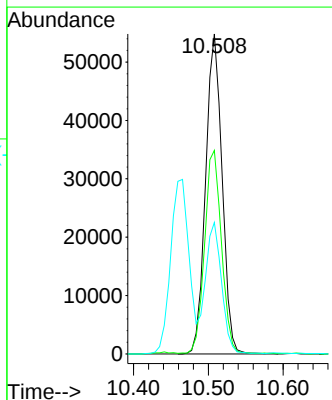
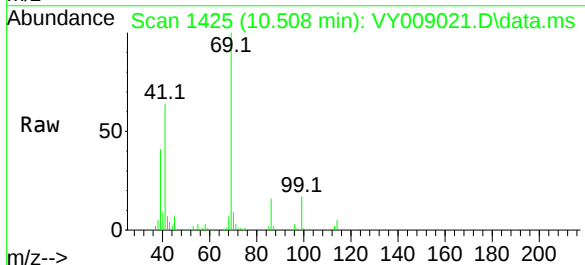
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

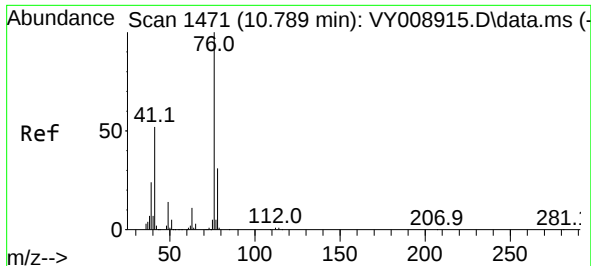
Tgt Ion:	97	Resp:	62847
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.8	104.8
85	54.7	44.3	66.5
99	61.1	49.8	74.6



#56
Ethyl methacrylate
Concen: 55.934 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion:	69	Resp:	83802
Ion	Ratio	Lower	Upper
69	100		
41	64.9	63.4	95.0
39	40.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 55.245 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

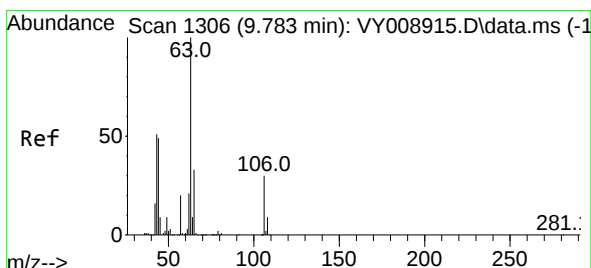
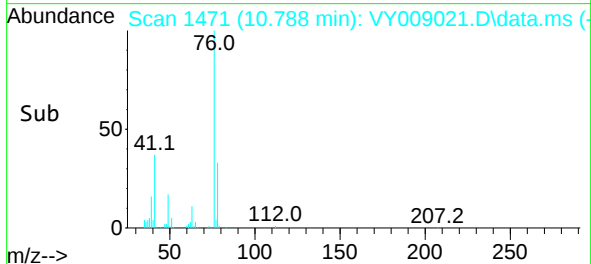
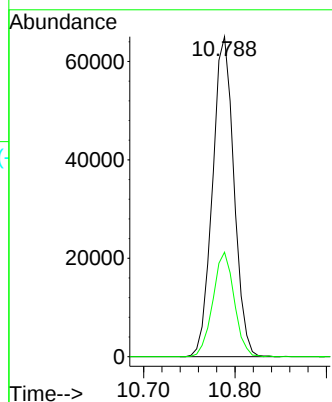
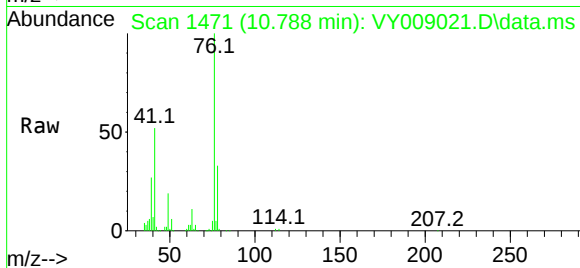
VSTDCCC050

Tgt Ion: 76 Resp: 105608

Ion Ratio Lower Upper

76 100

78 32.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 259.017 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VY009021.D

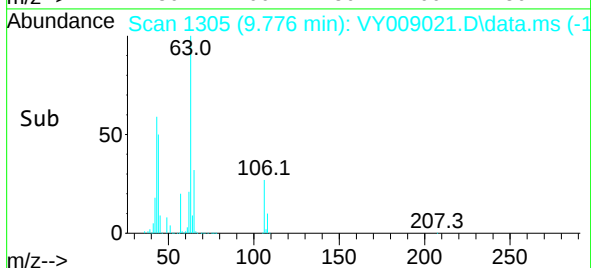
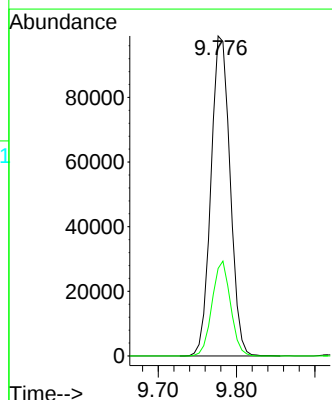
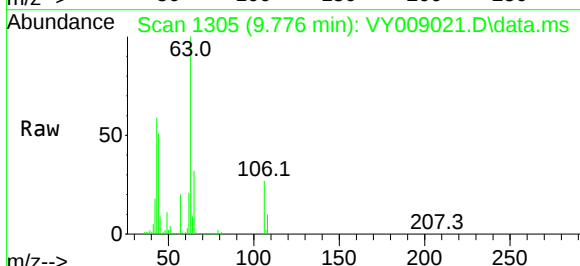
Acq: 23 May 2022 21:18

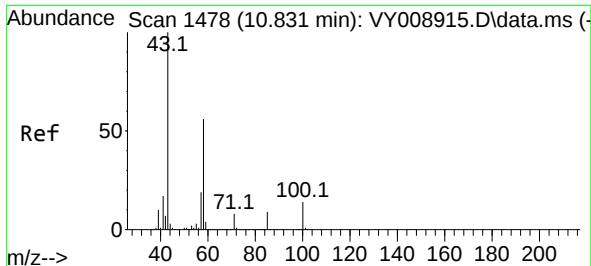
Tgt Ion: 63 Resp: 167891

Ion Ratio Lower Upper

63 100

106 28.5 21.5 32.3





#59

2-Hexanone

Concen: 287.869 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

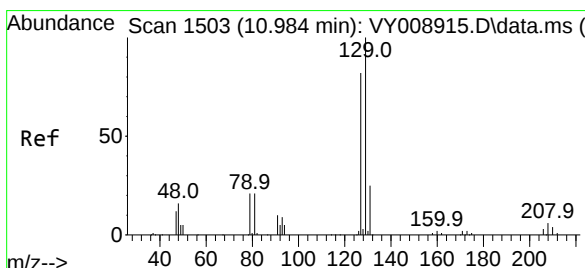
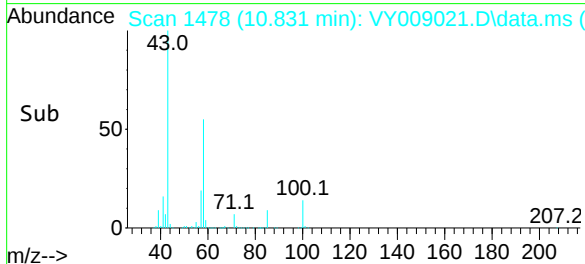
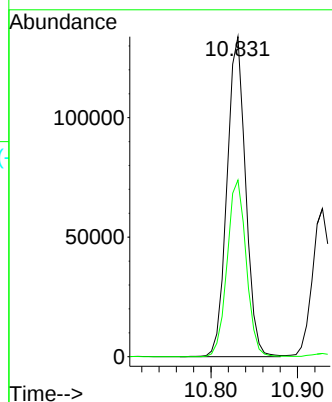
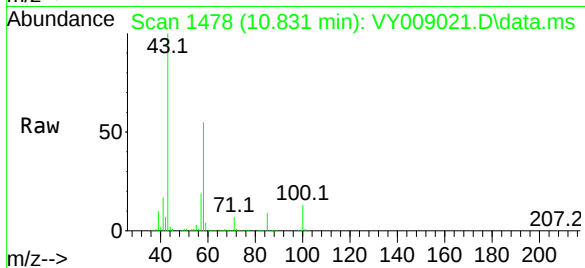
VSTDCCC050

Tgt Ion: 43 Resp: 200166

Ion Ratio Lower Upper

43 100

58 56.5 24.4 73.4



#60

Dibromochloromethane

Concen: 54.237 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY009021.D

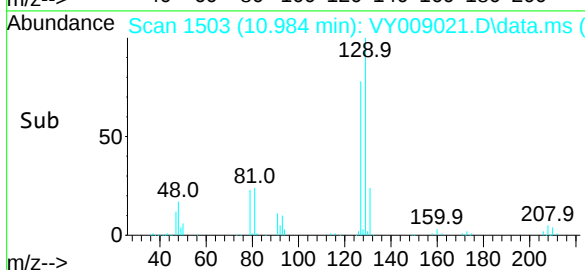
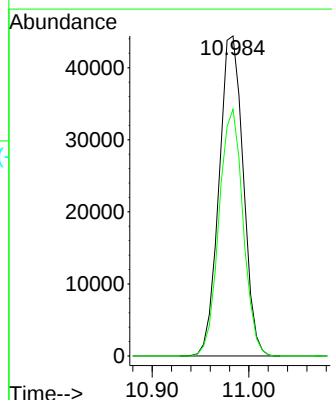
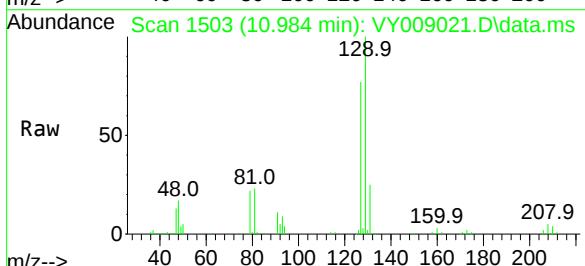
Acq: 23 May 2022 21:18

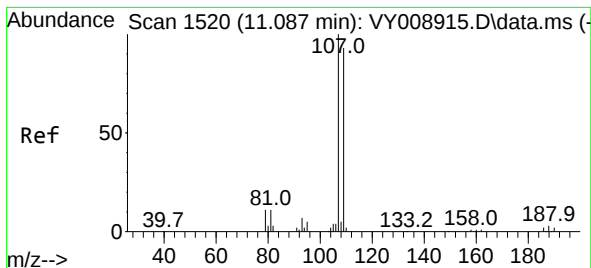
Tgt Ion:129 Resp: 77047

Ion Ratio Lower Upper

129 100

127 76.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 53.670 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

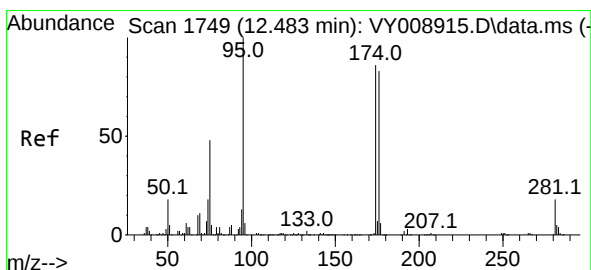
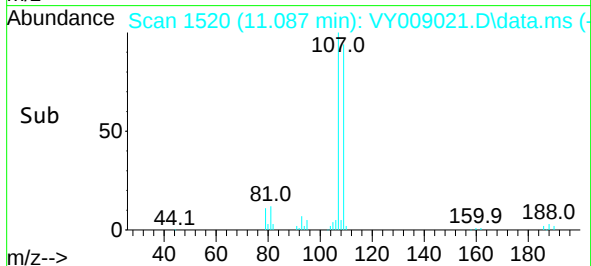
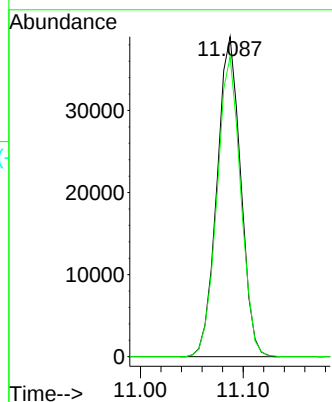
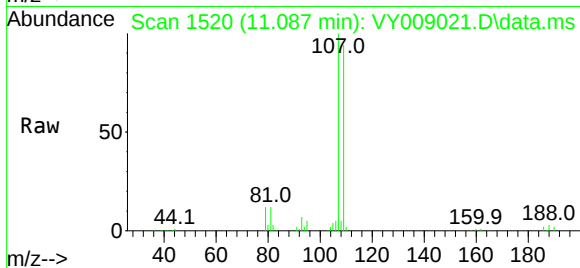
VSTDCCC050

Tgt Ion:107 Resp: 62324

Ion Ratio Lower Upper

107 100

109 93.9 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 55.968 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

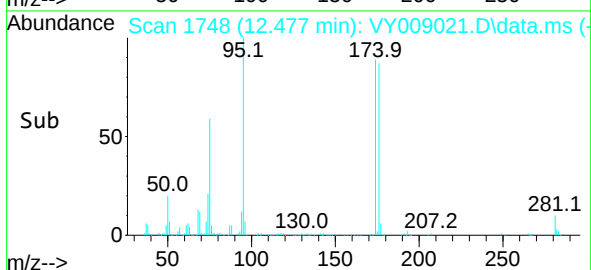
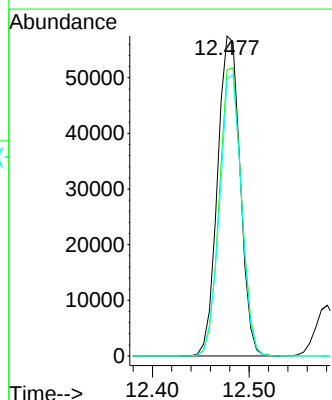
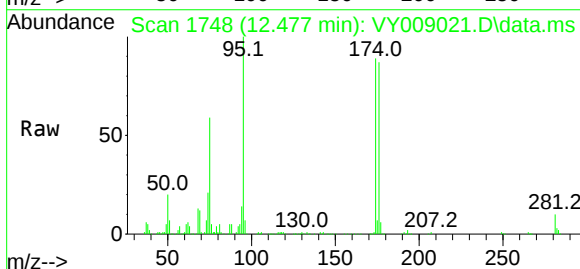
Tgt Ion: 95 Resp: 93113

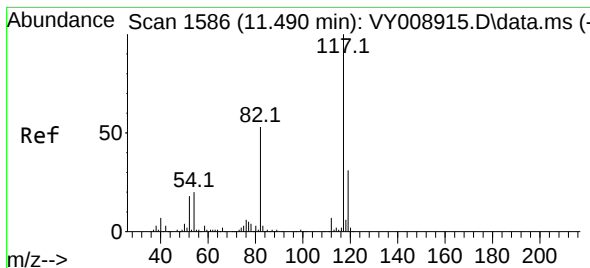
Ion Ratio Lower Upper

95 100

174 88.1 0.0 177.0

176 84.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

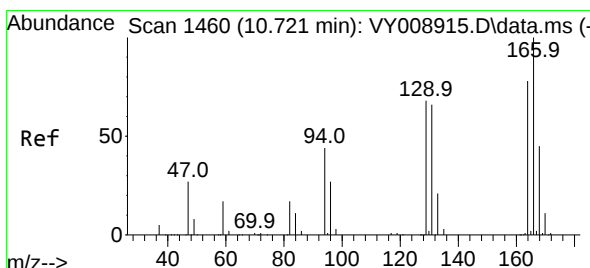
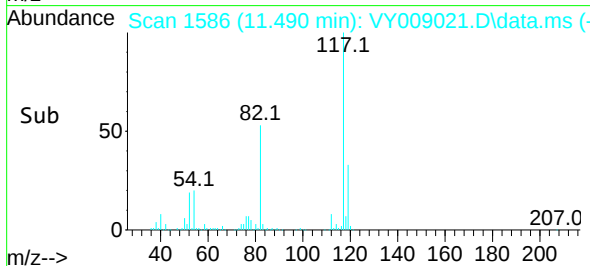
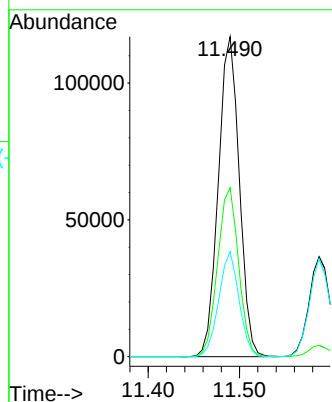
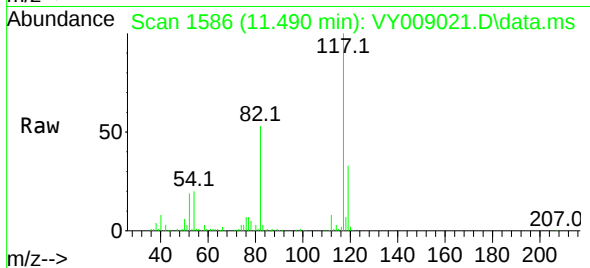
Tgt Ion:117 Resp: 186522

Ion Ratio Lower Upper

117 100

82 52.8 43.0 64.4

119 32.9 25.4 38.0



#64

Tetrachloroethene

Concen: 51.405 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Tgt Ion:164 Resp: 69789

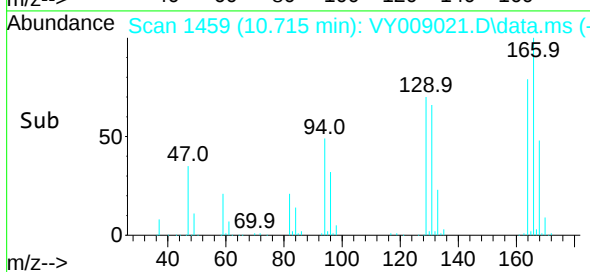
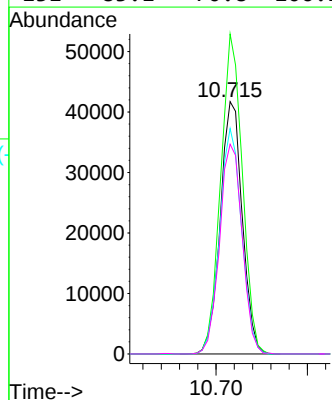
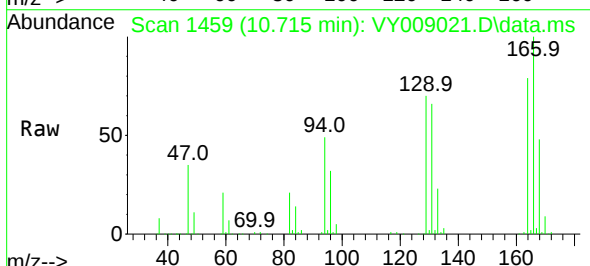
Ion Ratio Lower Upper

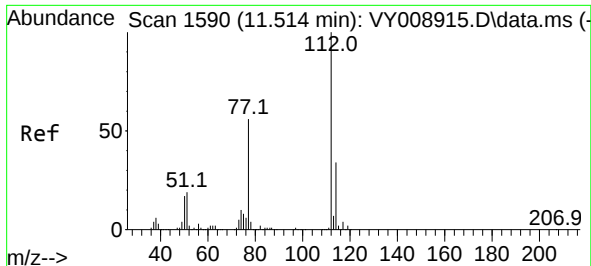
164 100

166 126.8 100.4 150.6

129 89.3 71.4 107.0

131 83.1 70.8 106.2

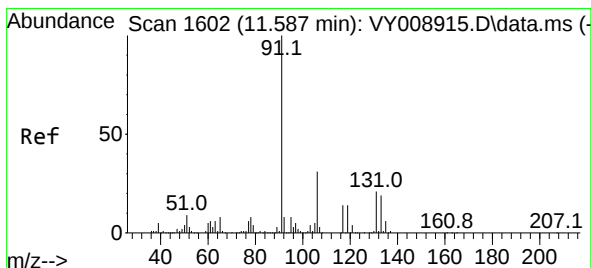
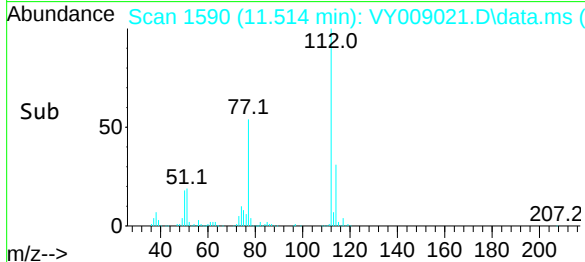
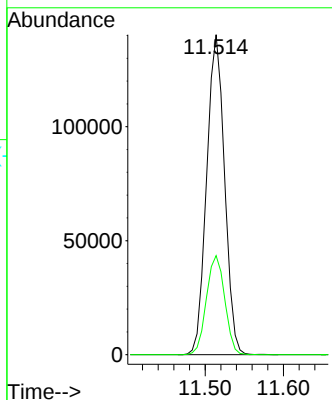
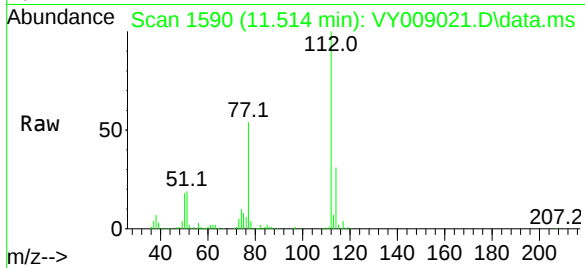




#65
Chlorobenzene
Concen: 51.970 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

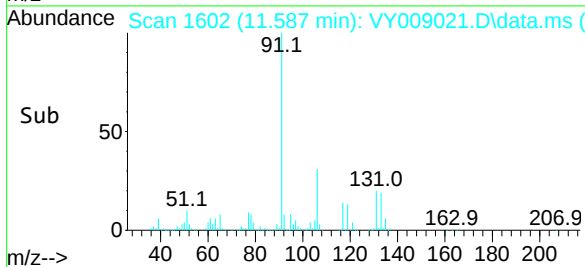
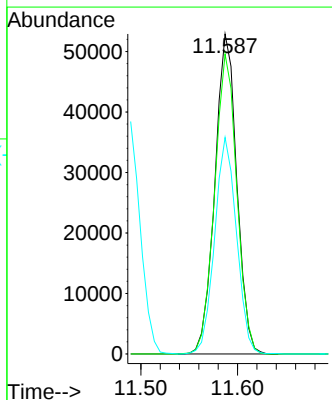
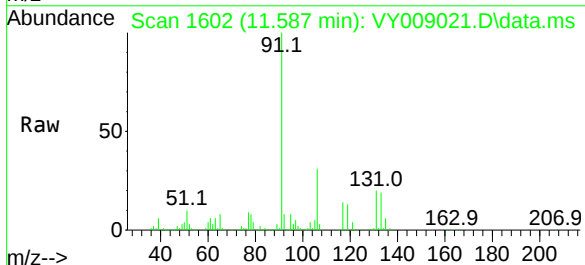
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

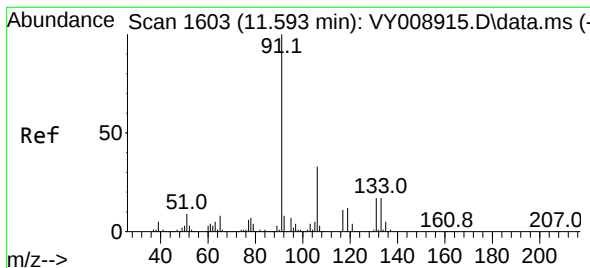
Tgt Ion:112 Resp: 222487
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.930 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion:131 Resp: 82973
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.6
119 67.7 30.8 92.3

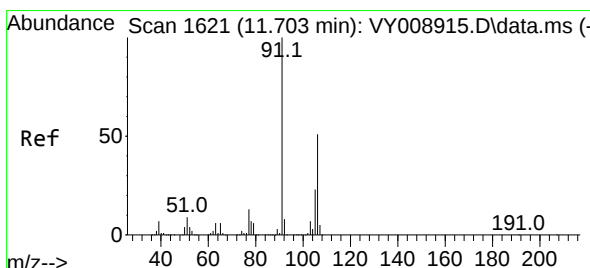
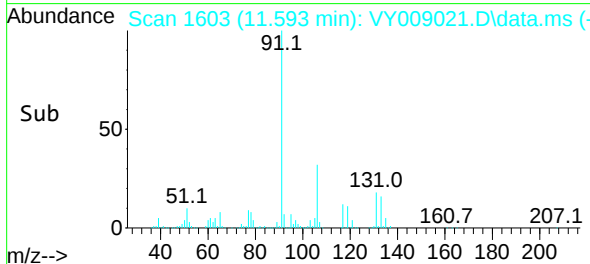
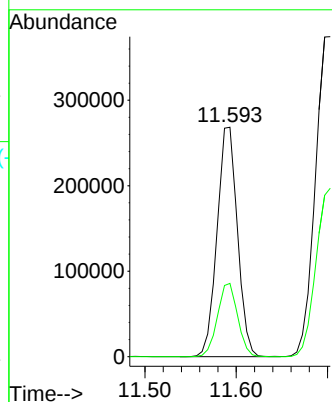
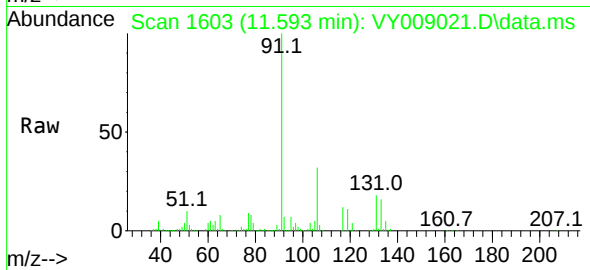




#67
Ethyl Benzene
Concen: 54.022 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

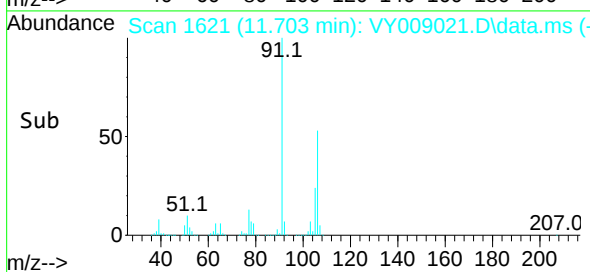
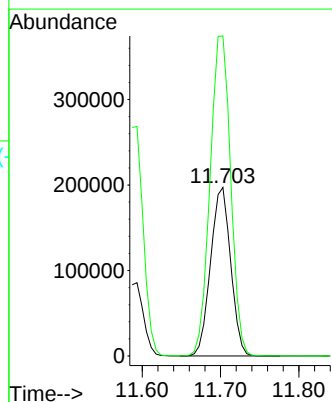
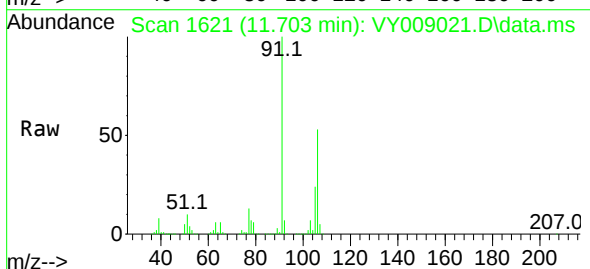
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

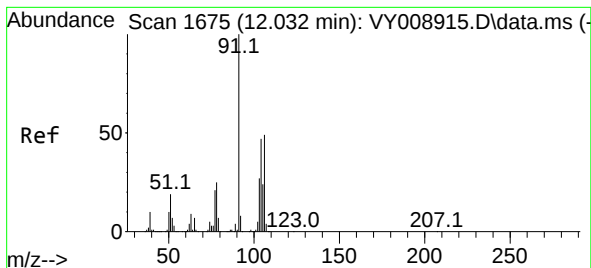
Tgt Ion: 91 Resp: 416786
Ion Ratio Lower Upper
91 100
106 31.9 24.5 36.7



#68
m/p-Xylenes
Concen: 112.090 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion: 106 Resp: 351062
Ion Ratio Lower Upper
106 100
91 195.0 166.6 249.8





#69

o-Xylene

Concen: 56.208 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

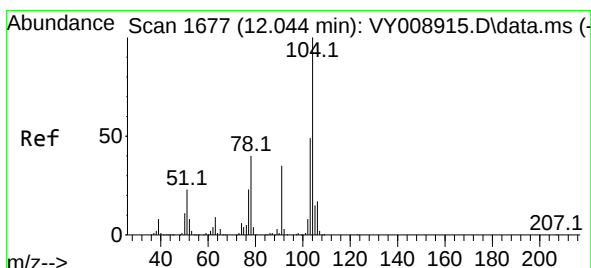
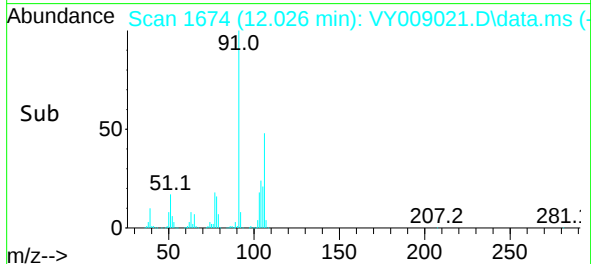
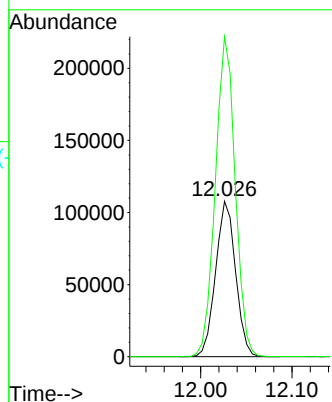
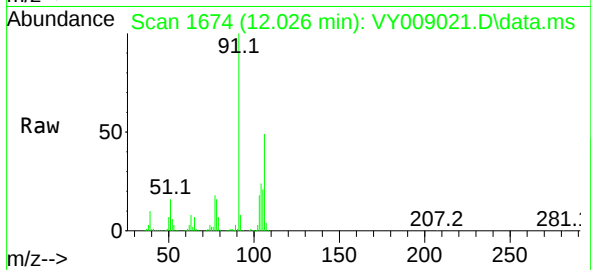
VSTDCCC050

Tgt Ion:106 Resp: 163476

Ion Ratio Lower Upper

106 100

91 205.3 110.3 331.0



#70

Styrene

Concen: 57.655 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

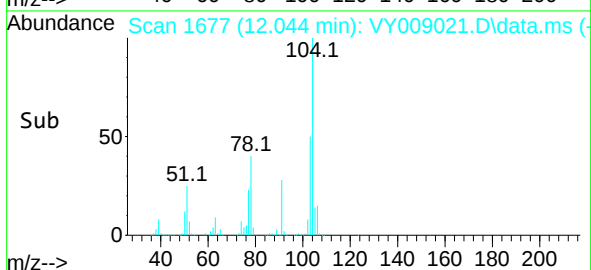
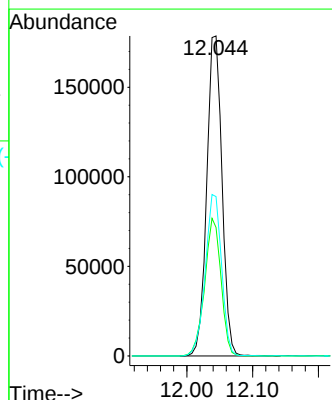
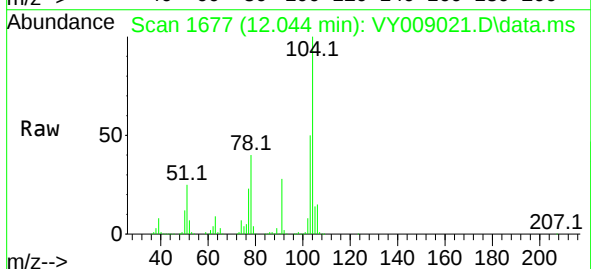
Tgt Ion:104 Resp: 288368

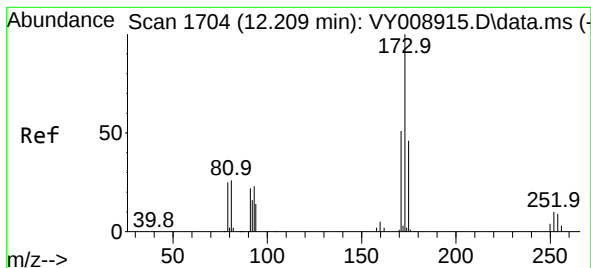
Ion Ratio Lower Upper

104 100

78 46.0 42.4 63.6

103 54.1 44.4 66.6





#71

Bromoform

Concen: 55.489 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

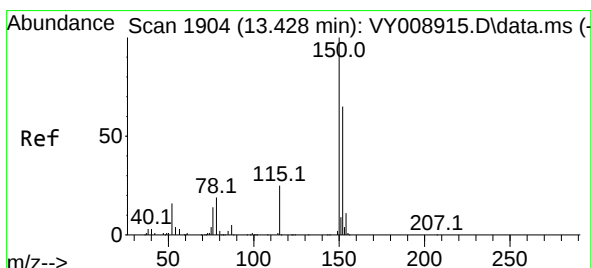
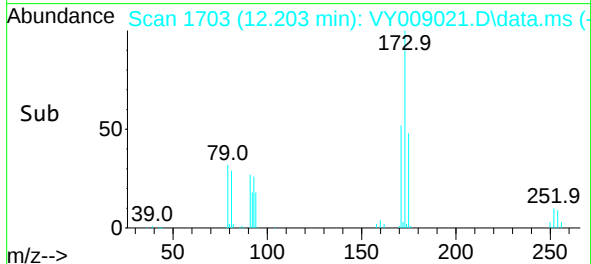
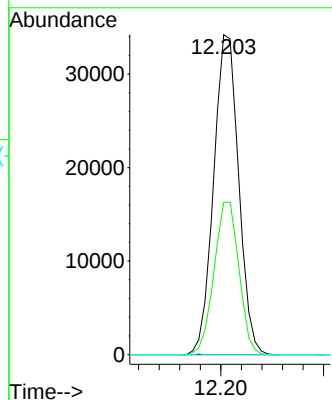
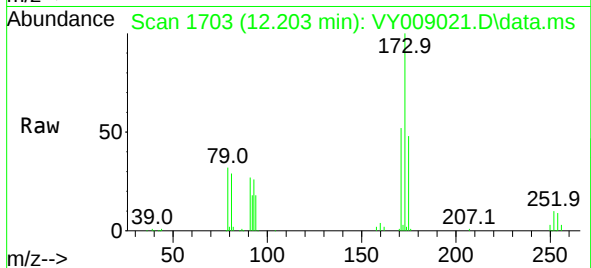
Tgt Ion:173 Resp: 57662

Ion Ratio Lower Upper

173 100

175 47.5 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. -0.006 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

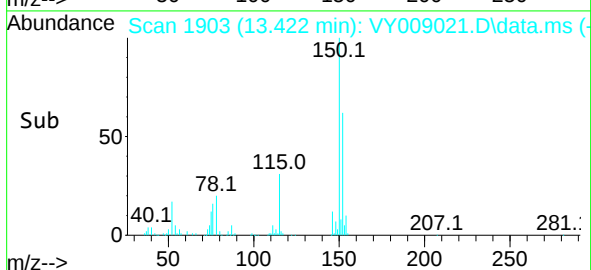
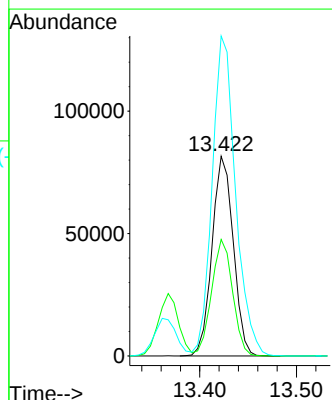
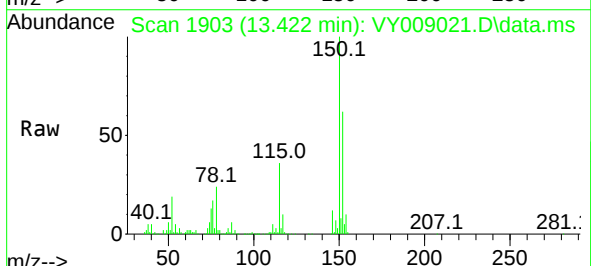
Tgt Ion:152 Resp: 124468

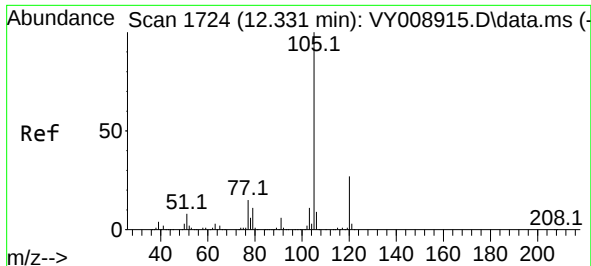
Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 176.3 0.0 347.6

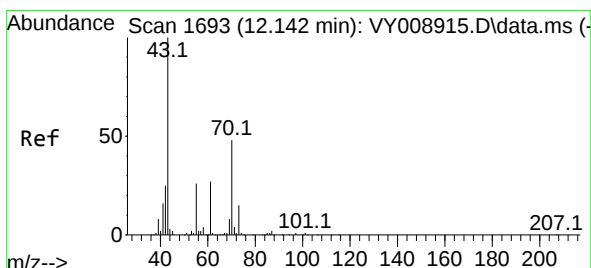
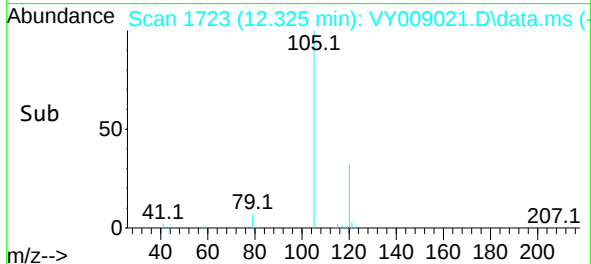
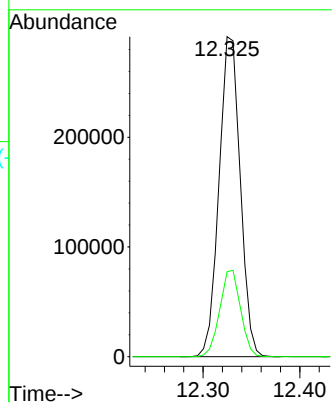
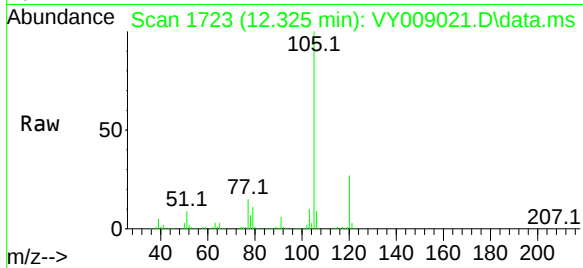




#73
Isopropylbenzene
Concen: 47.680 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

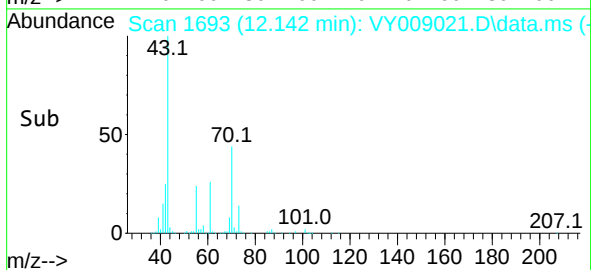
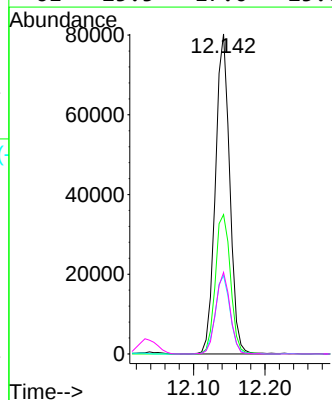
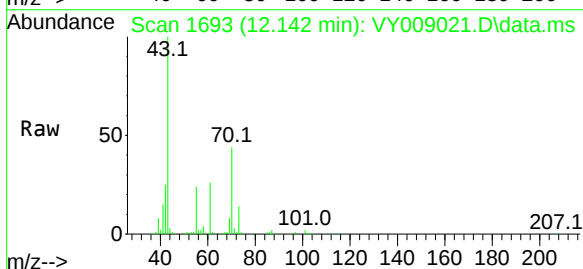
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

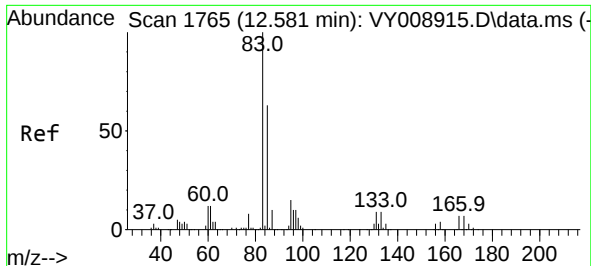
Tgt Ion:105 Resp: 443755
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2



#74
N-ethyl acetate
Concen: 52.018 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion: 43 Resp: 111701
Ion Ratio Lower Upper
43 100
70 46.0 28.7 43.1#
55 25.3 17.3 25.9
61 25.5 17.0 25.6

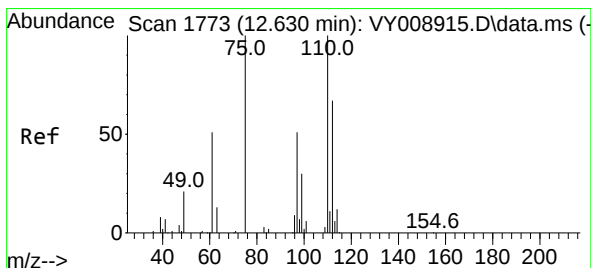
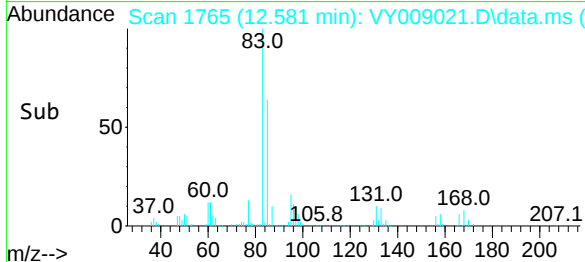
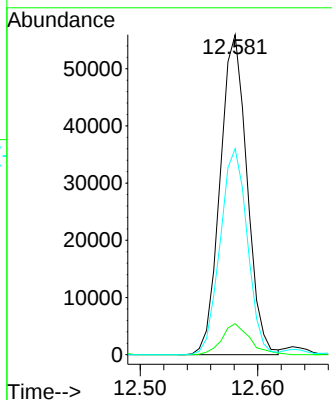
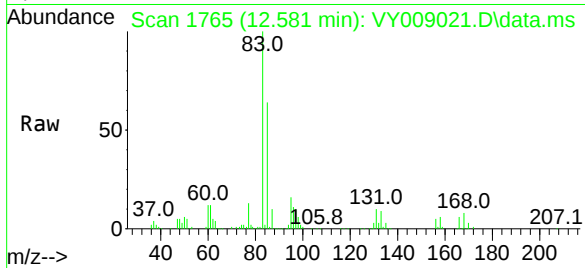




#75
1,1,2,2-Tetrachloroethane
Concen: 46.372 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

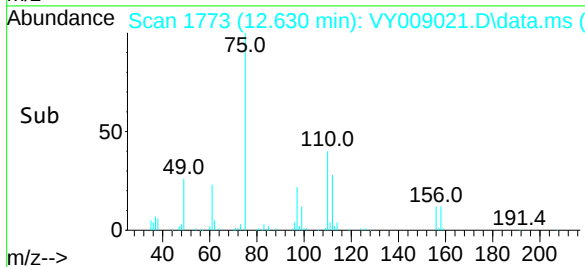
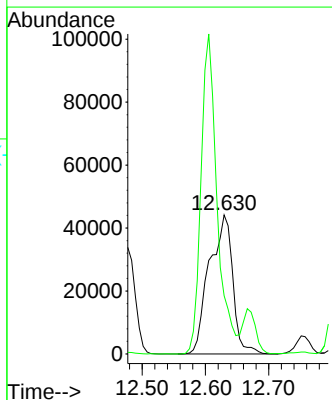
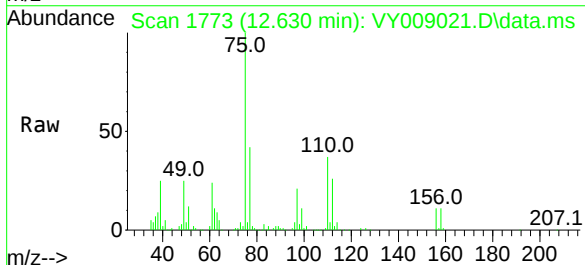
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

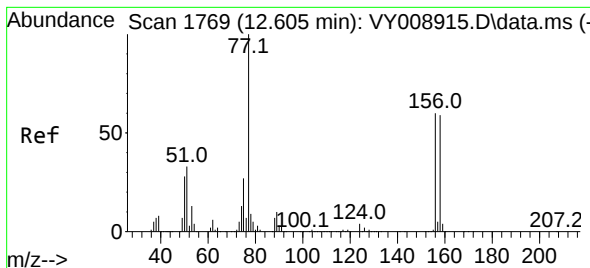
Tgt Ion: 83 Resp: 88905
Ion Ratio Lower Upper
83 100
131 10.1 5.6 16.8
85 65.1 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 84.986 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion: 75 Resp: 113595
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.393 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

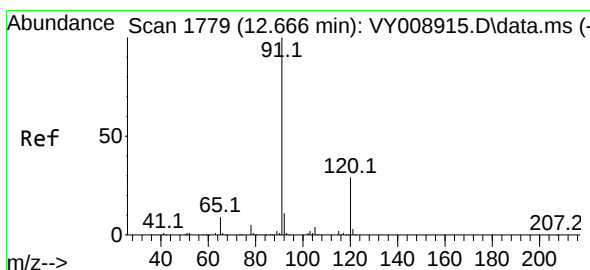
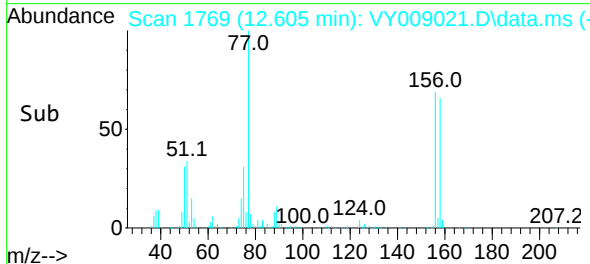
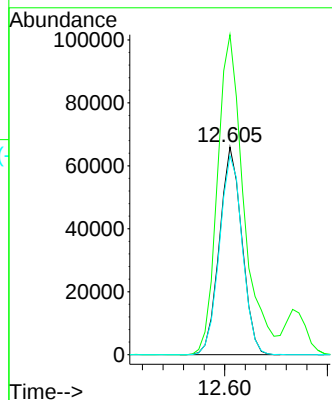
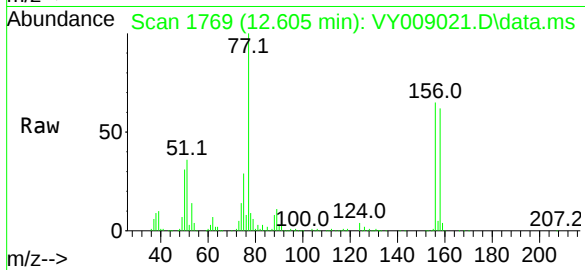
Tgt Ion:156 Resp: 100090

Ion Ratio Lower Upper

156 100

77 179.0 95.5 286.4

158 97.4 48.0 144.0



#78

n-propylbenzene

Concen: 52.099 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY009021.D

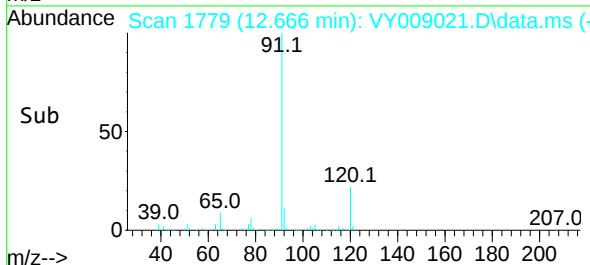
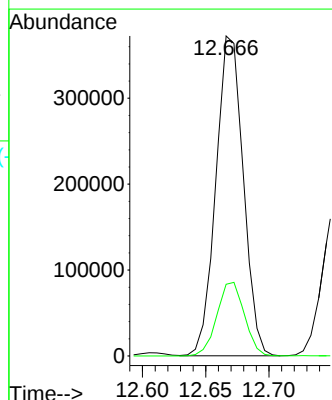
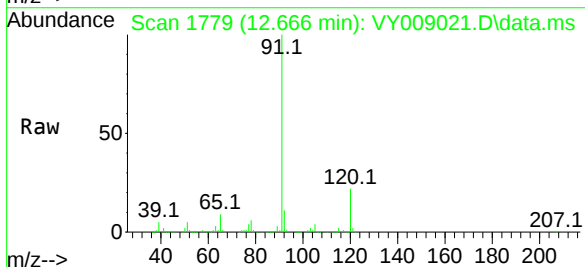
Acq: 23 May 2022 21:18

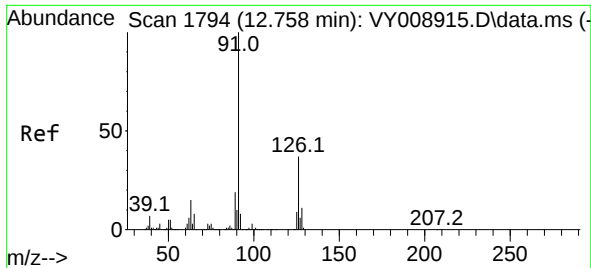
Tgt Ion: 91 Resp: 560218

Ion Ratio Lower Upper

91 100

120 23.1 11.3 33.9

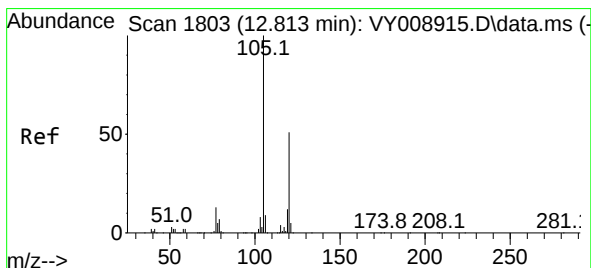
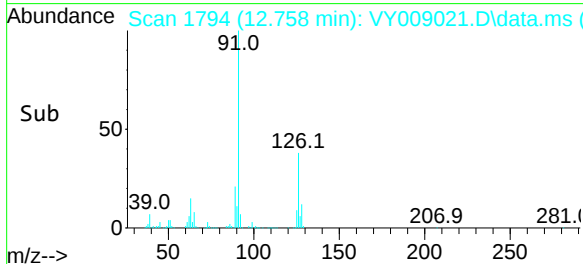
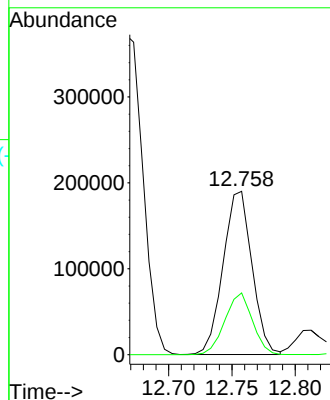
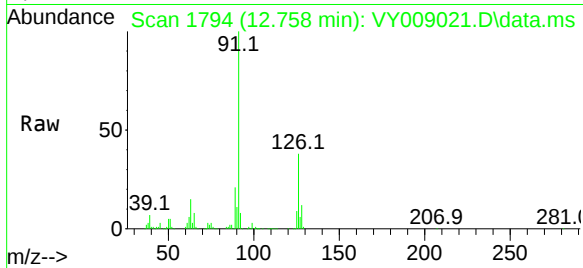




#79
2-Chlorotoluene
Concen: 48.727 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

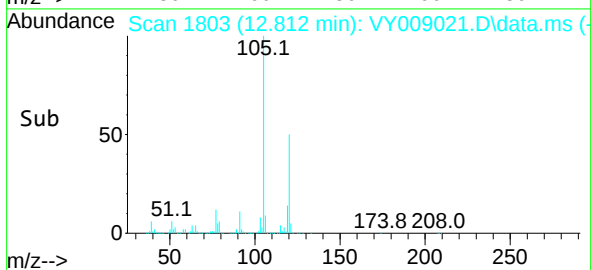
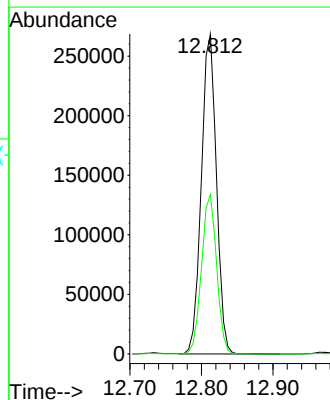
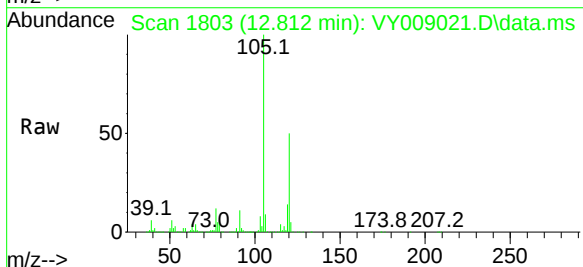
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

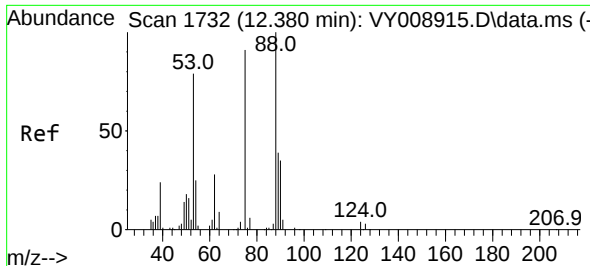
Tgt Ion: 91 Resp: 302230
Ion Ratio Lower Upper
91 100
126 36.1 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 50.467 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion: 105 Resp: 393687
Ion Ratio Lower Upper
105 100
120 49.9 24.4 73.4

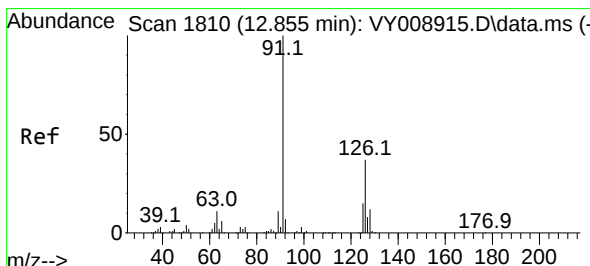
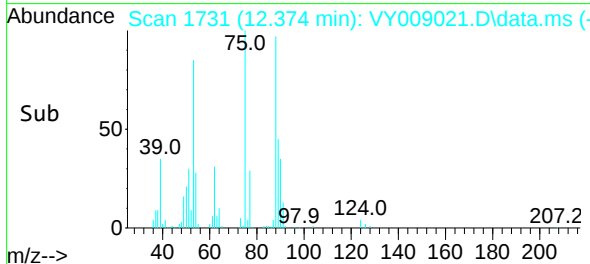
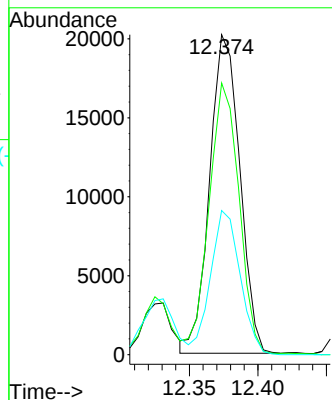
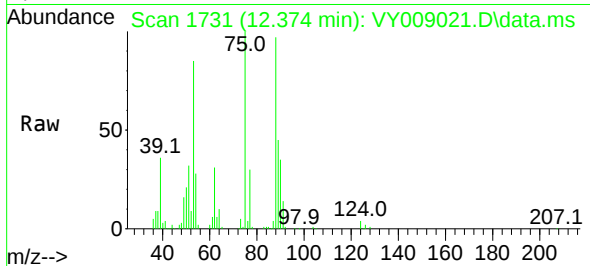




#81
trans-1,4-Dichloro-2-butene
Concen: 47.435 ug/l
RT: 12.374 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

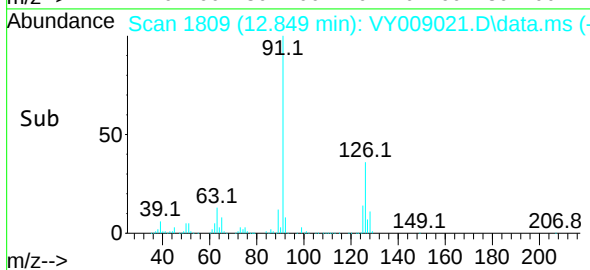
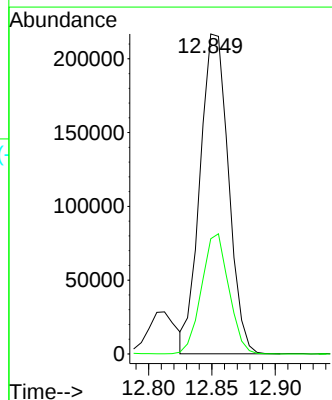
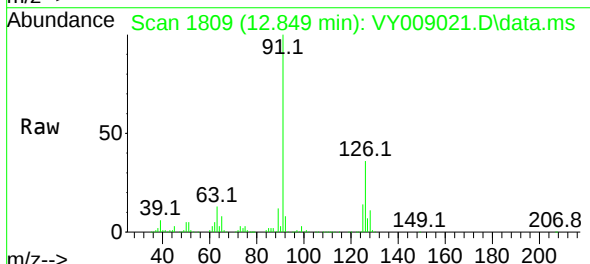
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

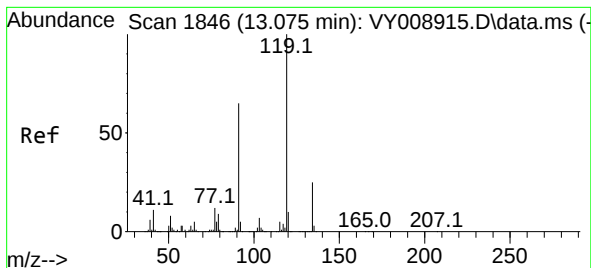
Tgt Ion: 75 Resp: 30891
Ion Ratio Lower Upper
75 100
53 85.7 85.3 127.9
89 44.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 51.023 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion: 91 Resp: 338485
Ion Ratio Lower Upper
91 100
126 36.2 17.0 51.0





#83

tert-Butylbenzene

Concen: 50.571 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

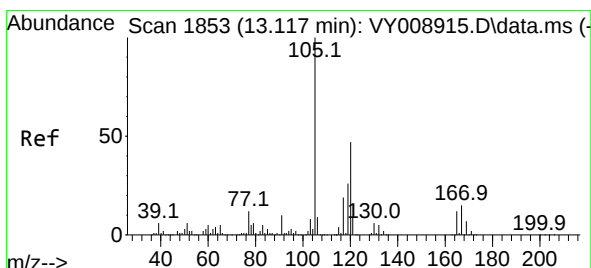
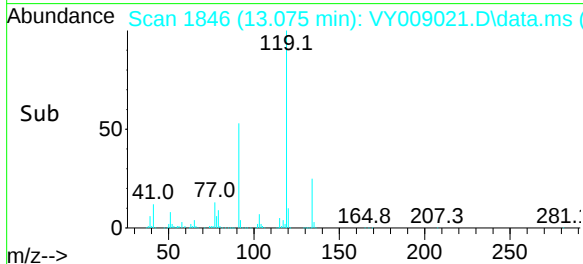
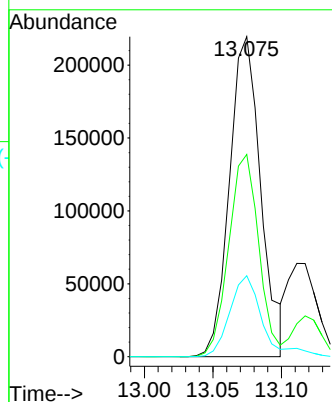
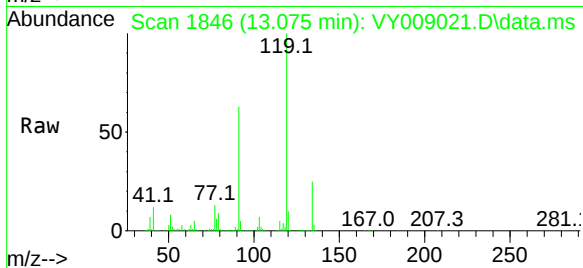
Tgt Ion:119 Resp: 349998

Ion Ratio Lower Upper

119 100

91 60.5 34.8 104.4

134 26.2 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 52.149 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009021.D

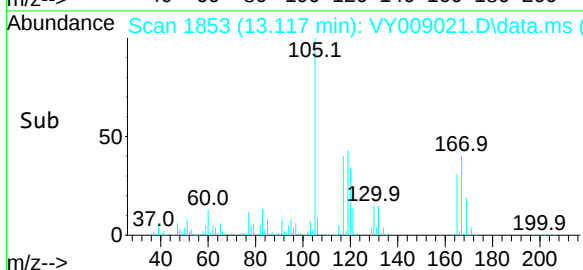
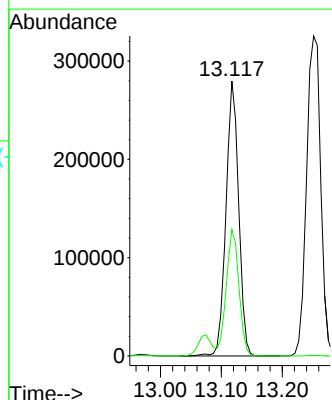
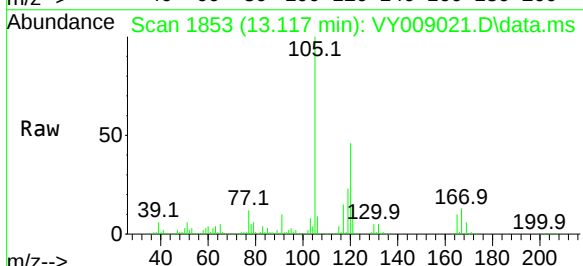
Acq: 23 May 2022 21:18

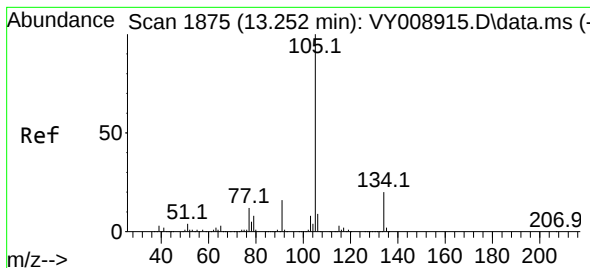
Tgt Ion:105 Resp: 403841

Ion Ratio Lower Upper

105 100

120 45.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 49.372 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.001 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

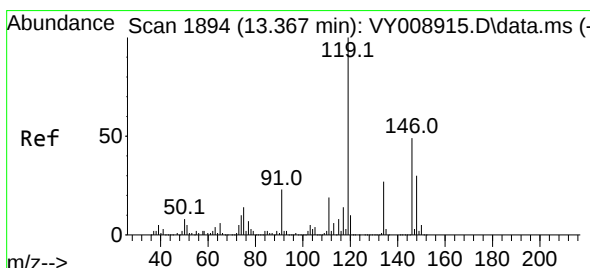
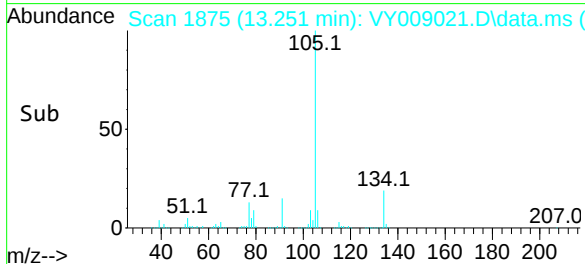
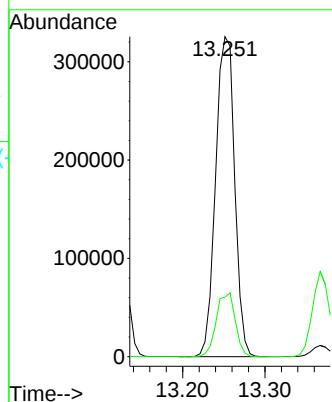
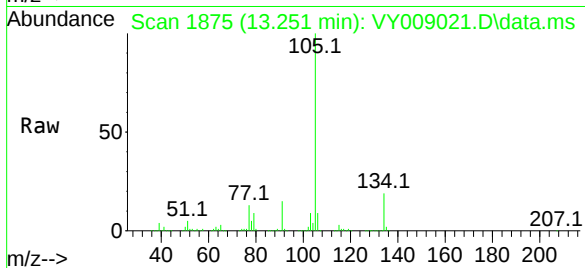
VSTDCCC050

Tgt Ion:105 Resp: 522798

Ion Ratio Lower Upper

105 100

134 19.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 52.693 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

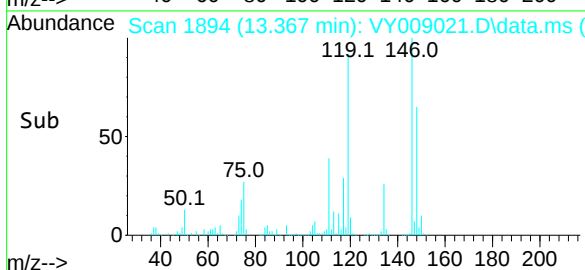
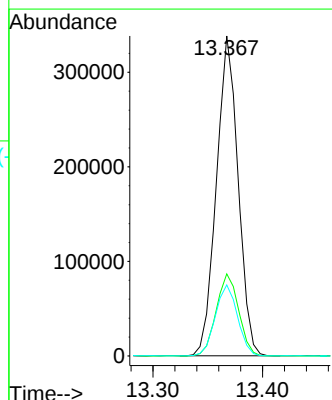
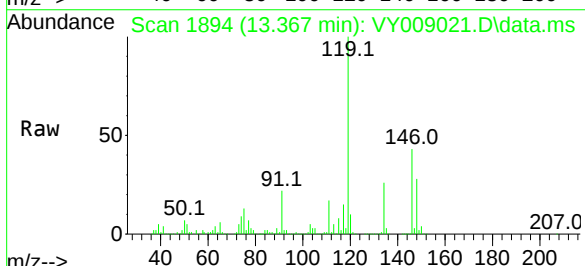
Tgt Ion:119 Resp: 465292

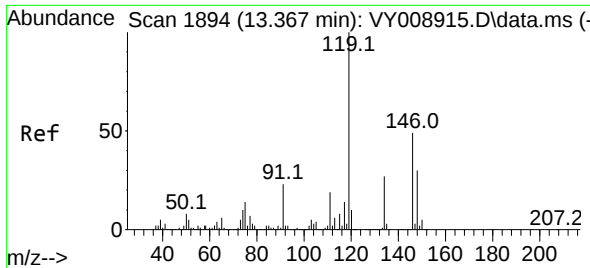
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

91 22.6 12.4 37.2

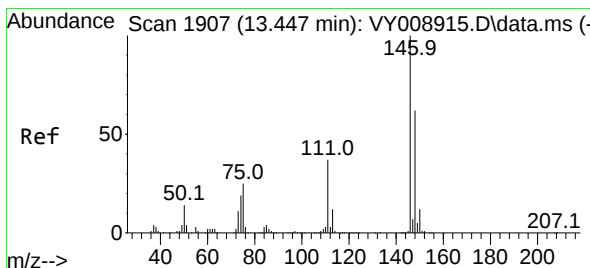
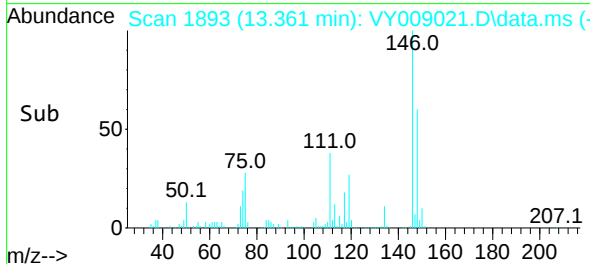
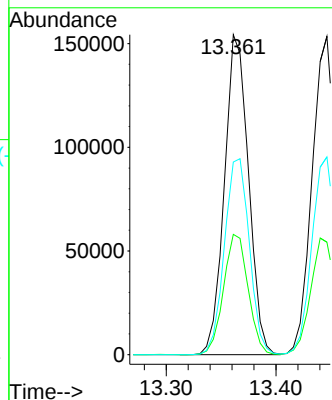
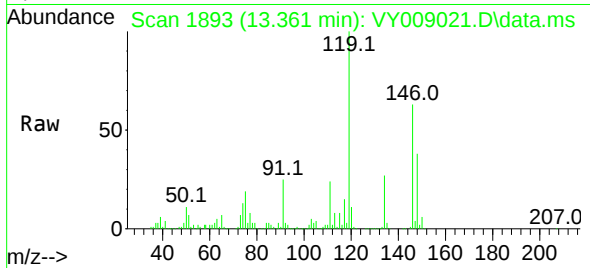




#87
1,3-Dichlorobenzene
Concen: 51.141 ug/l
RT: 13.361 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

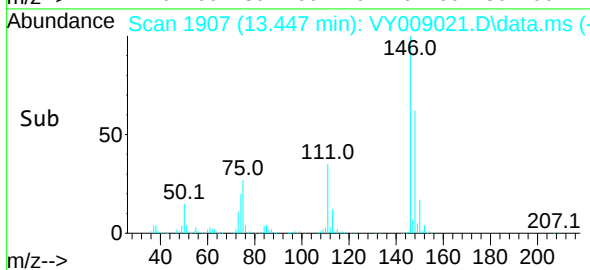
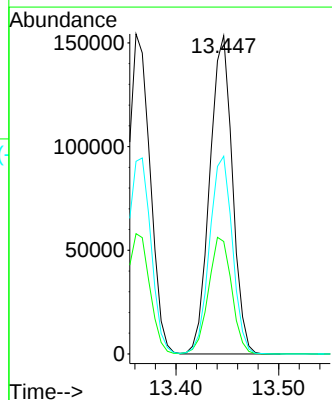
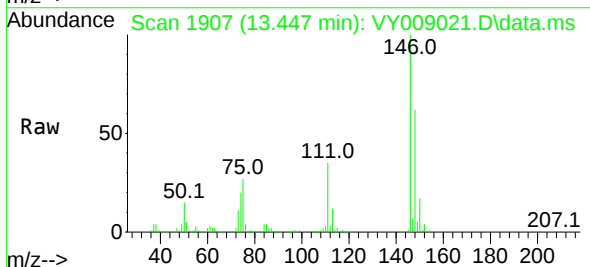
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

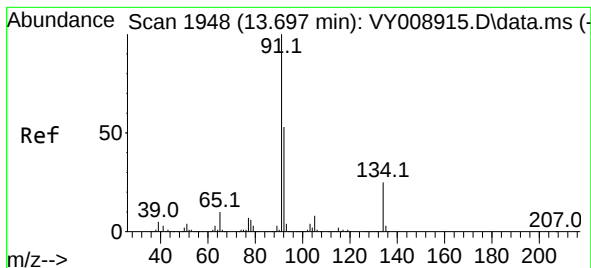
Tgt Ion:146 Resp: 235360
Ion Ratio Lower Upper
146 100
111 38.5 19.5 58.5
148 63.5 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 50.715 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY009021.D
Acq: 23 May 2022 21:18

Tgt Ion:146 Resp: 234488
Ion Ratio Lower Upper
146 100
111 37.6 19.3 57.8
148 62.8 32.6 97.8





#89

n-Butylbenzene

Concen: 52.228 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

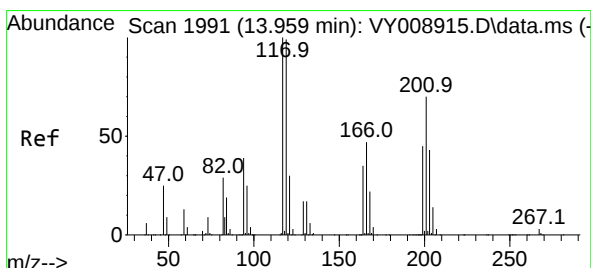
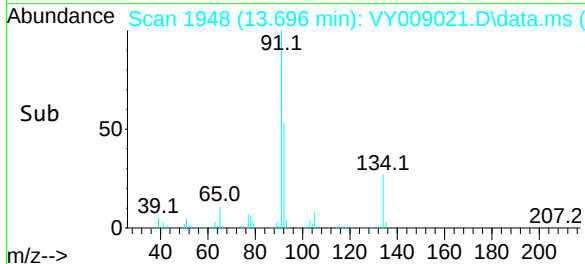
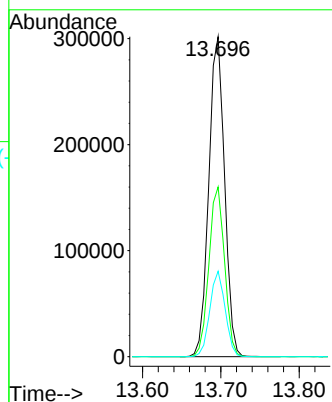
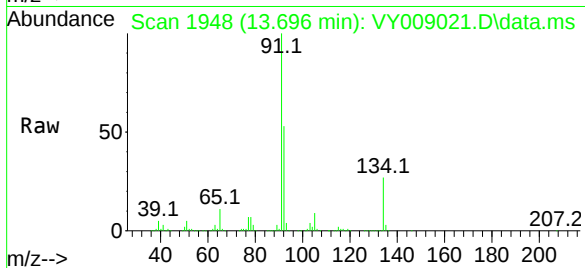
Tgt Ion: 91 Resp: 421920

Ion Ratio Lower Upper

91 100

92 52.8 26.3 78.9

134 25.9 13.0 38.9



#90

Hexachloroethane

Concen: 49.428 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY009021.D

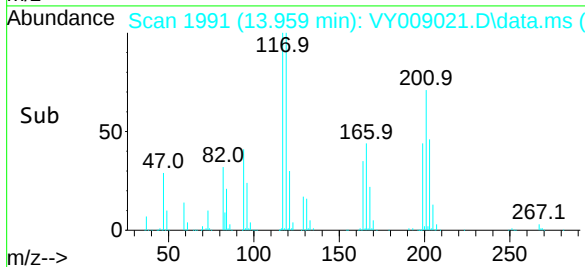
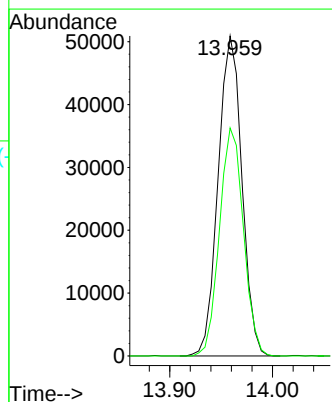
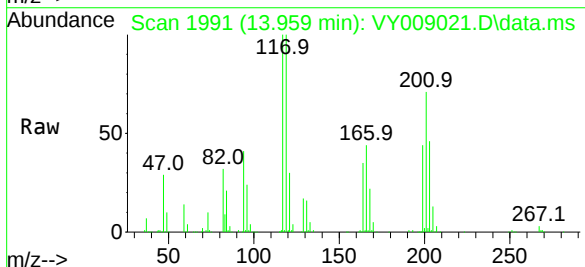
Acq: 23 May 2022 21:18

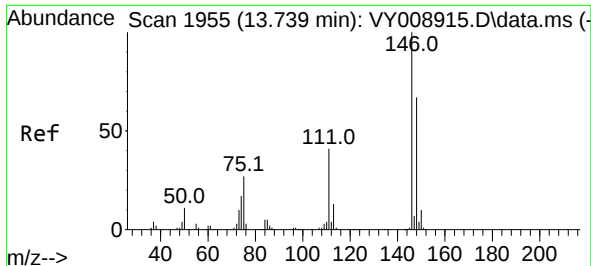
Tgt Ion: 117 Resp: 81793

Ion Ratio Lower Upper

117 100

201 71.7 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 50.993 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

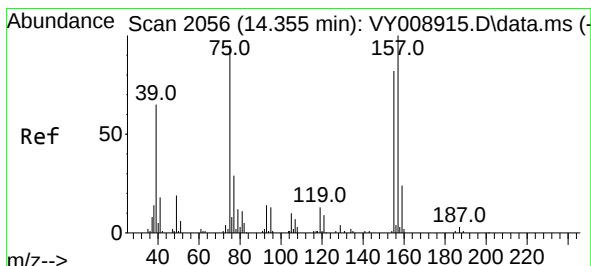
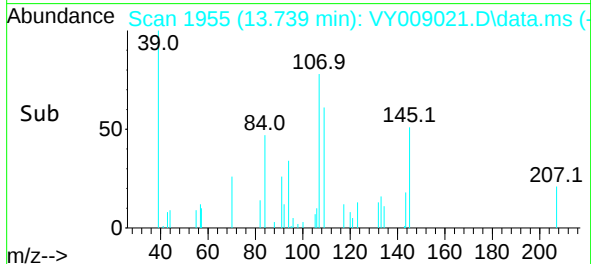
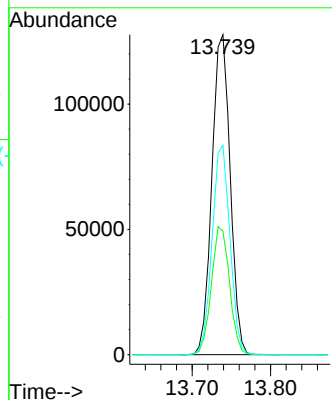
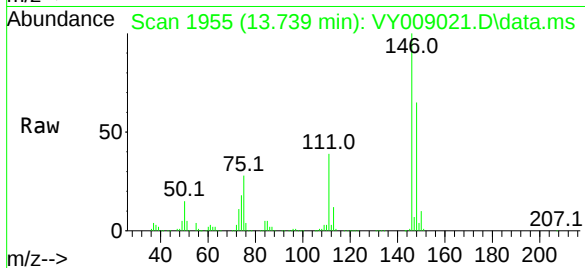
Tgt Ion:146 Resp: 207160

Ion Ratio Lower Upper

146 100

111 39.6 20.3 60.9

148 64.0 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.637 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

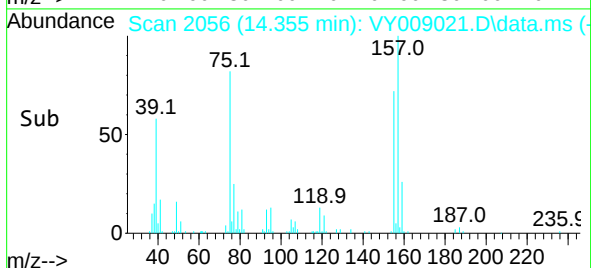
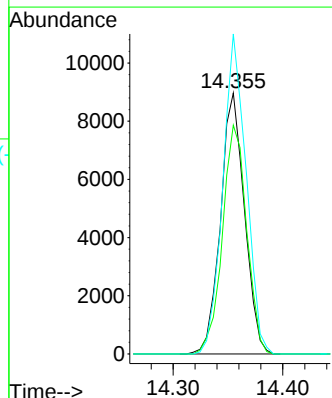
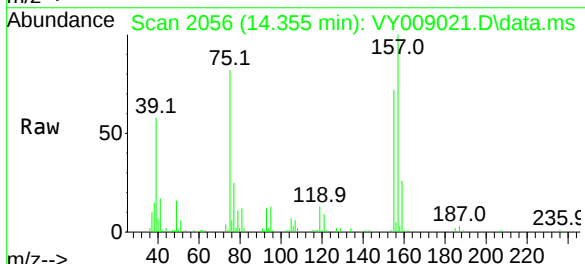
Tgt Ion: 75 Resp: 13584

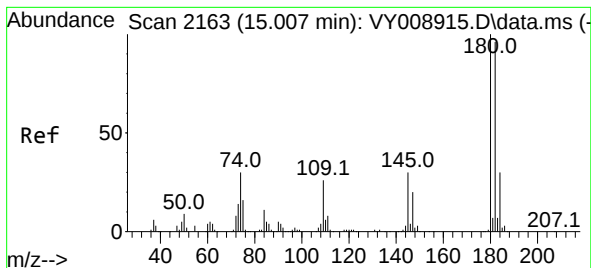
Ion Ratio Lower Upper

75 100

155 88.8 38.0 113.9

157 119.5 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 45.335 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

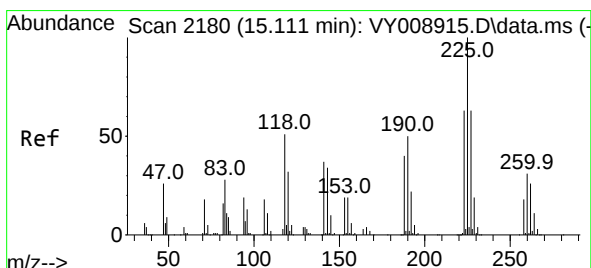
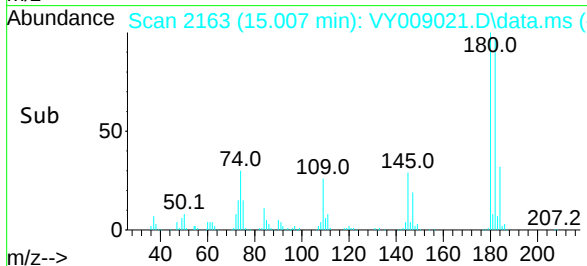
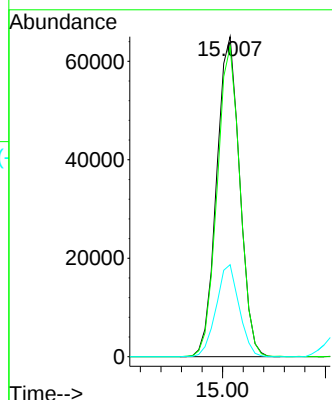
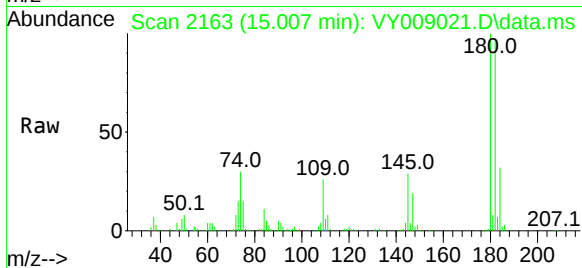
Tgt Ion:180 Resp: 101079

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.9

145 28.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 45.744 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

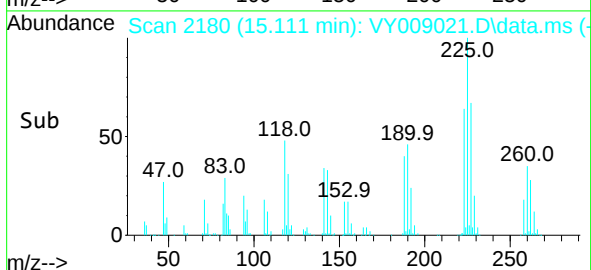
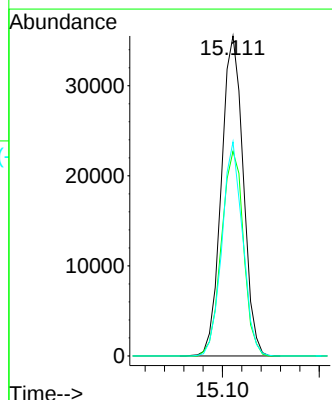
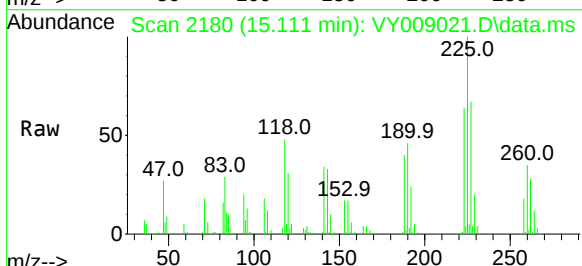
Tgt Ion:225 Resp: 55587

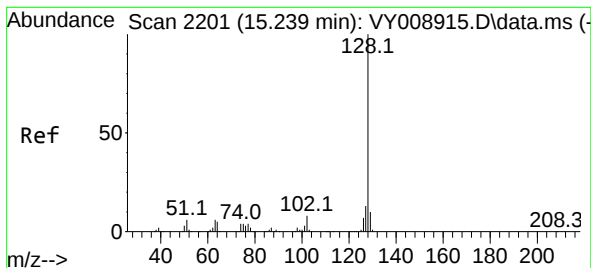
Ion Ratio Lower Upper

225 100

223 64.4 30.8 92.3

227 63.4 31.6 94.7





#95

Naphthalene

Concen: 46.931 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

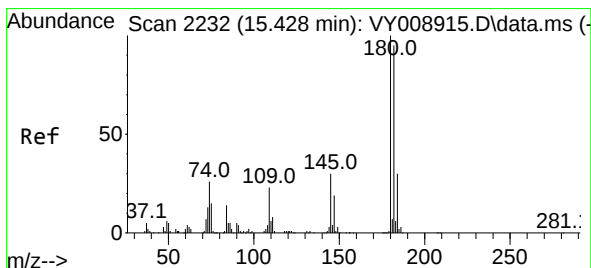
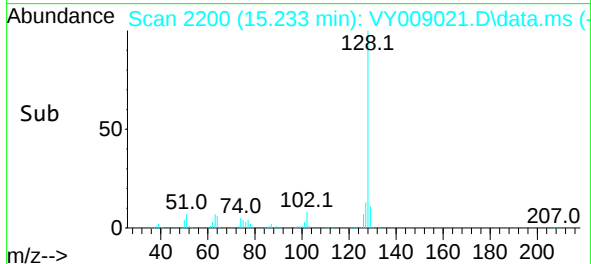
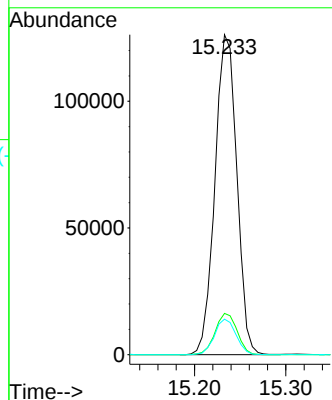
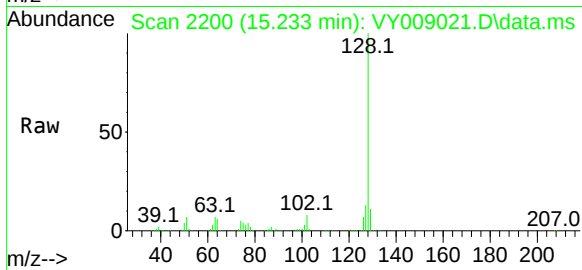
Tgt Ion:128 Resp: 210203

Ion Ratio Lower Upper

128 100

127 13.0 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 45.525 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY009021.D

Acq: 23 May 2022 21:18

Tgt Ion:180 Resp: 88204

Ion Ratio Lower Upper

180 100

182 96.5 47.3 141.9

145 31.1 15.3 45.9

