

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009049.D
 Acq On : 24 May 2022 09:50
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 25 02:48:48 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	107580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	177413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	178342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115969	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50286	45.417	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.840%
35) Dibromofluoromethane	7.716	113	52262	47.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.740%
50) Toluene-d8	10.179	98	174676	42.918	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.840%
62) 4-Bromofluorobenzene	12.483	95	88163	53.700	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	48056	48.840	ug/l	100
3) Chloromethane	2.113	50	77314	54.847	ug/l	99
4) Vinyl Chloride	2.253	62	109733	52.544	ug/l	99
5) Bromomethane	2.644	94	88305	43.136	ug/l	98
6) Chloroethane	2.790	64	75545	51.061	ug/l	97
7) Trichlorofluoromethane	3.125	101	88106	49.678	ug/l	98
8) Diethyl Ether	3.528	74	27234	49.109	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.893	101	54666	50.152	ug/l	94
10) Methyl Iodide	4.088	142	58954	52.378	ug/l	92
11) Tert butyl alcohol	4.954	59	22433	199.749	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	50609	50.015	ug/l	88
13) Acrolein	3.735	56	3724	100.741	ug/l	100
14) Allyl chloride	4.479	41	70422	46.181	ug/l #	83
15) Acrylonitrile	5.155	53	72243	232.665	ug/l	97
16) Acetone	3.942	43	65299	283.329	ug/l	93
17) Carbon Disulfide	4.192	76	163387	49.424	ug/l	100
18) Methyl Acetate	4.473	43	32223	44.899	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	141910	46.725	ug/l	97
20) Methylene Chloride	4.704	84	67238	52.649	ug/l #	83
21) trans-1,2-Dichloroethene	5.216	96	61313	47.209	ug/l	90
22) Diisopropyl ether	6.119	45	177597	48.477	ug/l #	94
23) Vinyl Acetate	6.058	43	590149	243.523	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	105310	48.060	ug/l	97
25) 2-Butanone	6.984	43	102849	249.848	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	101953	50.509	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	69465	47.446	ug/l	89
28) Bromochloromethane	7.326	49	36961	49.143	ug/l #	91
29) Tetrahydrofuran	7.344	42	66400	237.463	ug/l #	89
30) Chloroform	7.503	83	111968	47.337	ug/l	99
31) Cyclohexane	7.783	56	102420	47.285	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	104469	48.682	ug/l	99
36) 1,1-Dichloropropene	7.917	75	91552	48.763	ug/l	98
37) Ethyl Acetate	7.076	43	43978	45.157	ug/l	97
38) Carbon Tetrachloride	7.899	117	94342	48.035	ug/l	99
39) Methylcyclohexane	9.179	83	118174	48.763	ug/l	87
40) Benzene	8.161	78	261198	48.246	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	61263	121.901	ug/l #	23
42) 1,2-Dichloroethane	8.234	62	78587	49.434	ug/l	95
43) Isopropyl Acetate	8.271	43	88685	48.974	ug/l	93
44) Trichloroethene	8.941	130	67237	46.904	ug/l	92
45) 1,2-Dichloropropane	9.216	63	64925	49.944	ug/l	94
46) Dibromomethane	9.301	93	39454	47.731	ug/l	93
47) Bromodichloromethane	9.496	83	91750	48.568	ug/l	98
48) Methyl methacrylate	9.289	41	41314	51.093	ug/l #	88
49) 1,4-Dioxane	9.295	88	9516	861.201	ug/l	86
51) 4-Methyl-2-Pentanone	10.069	43	248627	248.081	ug/l	92
52) Toluene	10.240	92	184428	48.746	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	101206	50.450	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	107052	49.639	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	54591	47.206	ug/l	98
56) Ethyl methacrylate	10.508	69	73200	49.509	ug/l	88
57) 1,3-Dichloropropane	10.789	76	92818	49.203	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	163865	256.181	ug/l	97
59) 2-Hexanone	10.831	43	180247	262.682	ug/l	91
60) Dibromochloromethane	10.984	129	67609	48.228	ug/l	100
61) 1,2-Dibromoethane	11.087	107	54324	47.405	ug/l	100
64) Tetrachloroethene	10.721	164	60813	46.848	ug/l	99
65) Chlorobenzene	11.514	112	193430	47.255	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	72627	48.455	ug/l	97
67) Ethyl Benzene	11.593	91	369637	50.108	ug/l	98
68) m/p-Xylenes	11.703	106	310292	103.617	ug/l	92
69) o-Xylene	12.032	106	142783	51.345	ug/l	91
70) Styrene	12.044	104	253592	53.027	ug/l	94
71) Bromoform	12.209	173	49042	49.358	ug/l #	99
73) Isopropylbenzene	12.331	105	391612	45.161	ug/l	99
74) N-amyl acetate	12.142	43	97358	48.662	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	75352	42.183	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	98086	78.761	ug/l #	100
77) Bromobenzene	12.611	156	85760	42.664	ug/l	95
78) n-propylbenzene	12.672	91	496531	49.561	ug/l	100
79) 2-Chlorotoluene	12.758	91	264753	45.813	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	343292	47.232	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	27434	45.214	ug/l	87
82) 4-Chlorotoluene	12.855	91	296878	48.030	ug/l	97
83) tert-Butylbenzene	13.075	119	300484	46.599	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	349019	48.372	ug/l	97
85) sec-Butylbenzene	13.258	105	479748	48.627	ug/l	99
86) p-Isopropyltoluene	13.373	119	406507	49.410	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	201400	46.969	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	202228	46.943	ug/l	97
89) n-Butylbenzene	13.697	91	376286	49.993	ug/l	100
90) Hexachloroethane	13.965	117	71809	46.575	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	175077	46.254	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11728	42.289	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	90308	43.473	ug/l	99
94) Hexachlorobutadiene	15.111	225	49070	43.340	ug/l	98
95) Naphthalene	15.239	128	179293	42.964	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	78151	43.293	ug/l	99

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QLast Update : Fri May 20 23:50:52 2022
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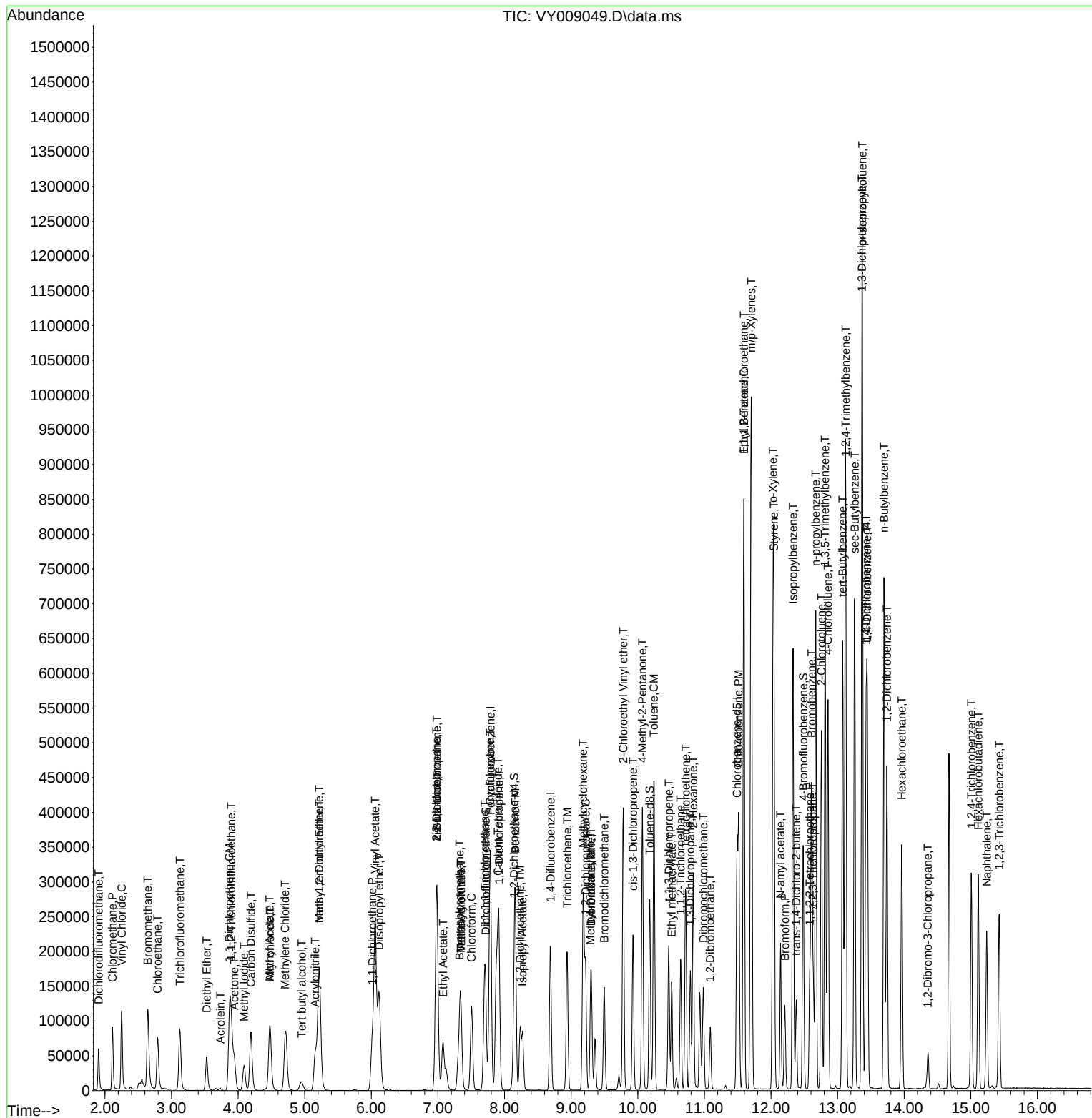
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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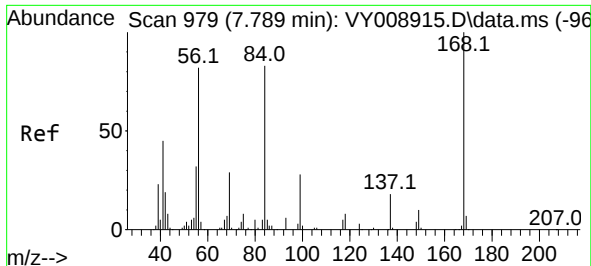
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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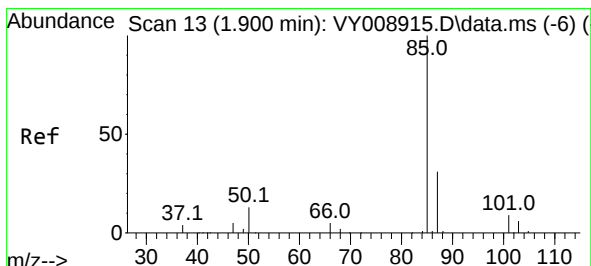
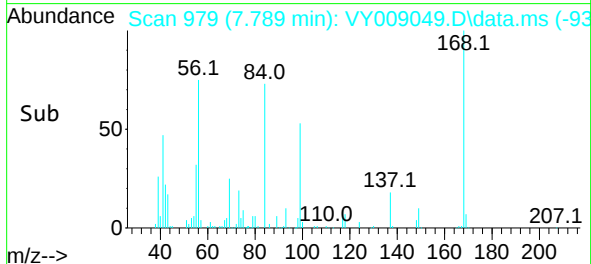
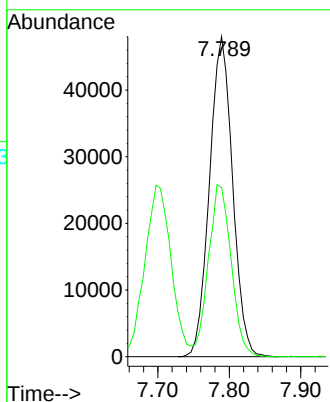
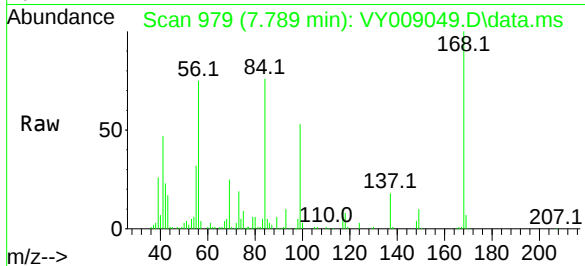




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009049.D
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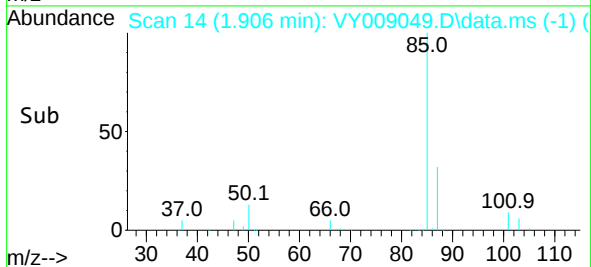
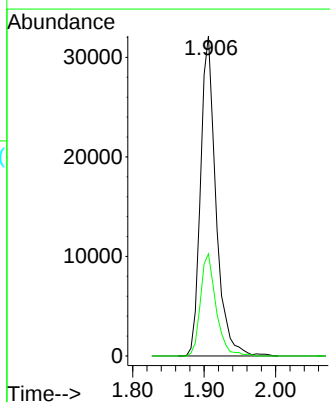
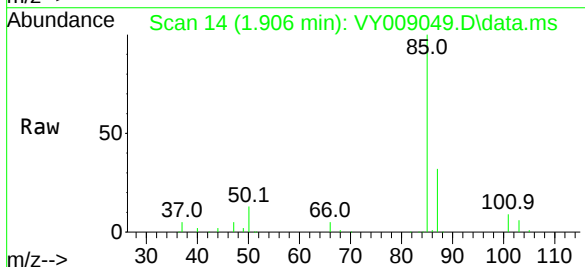
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 107580
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 48.840 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 85 Resp: 48056
Ion Ratio Lower Upper
85 100
87 31.9 16.1 48.2

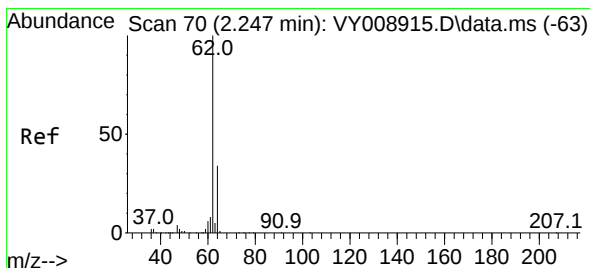
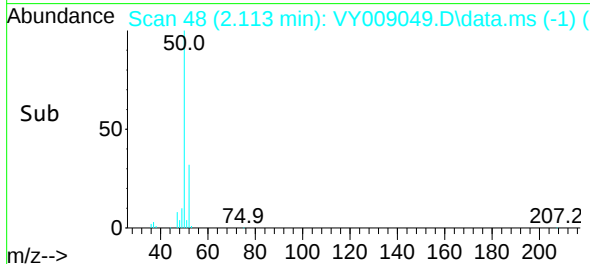
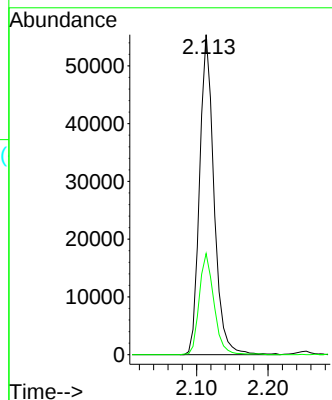
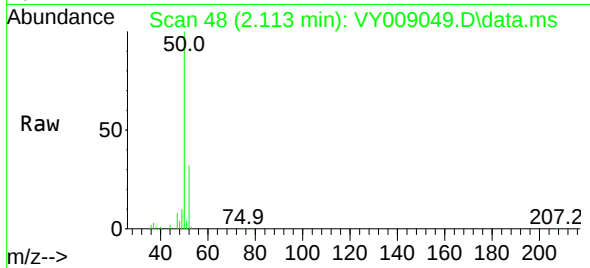




#3
Chloromethane
Concen: 54.847 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

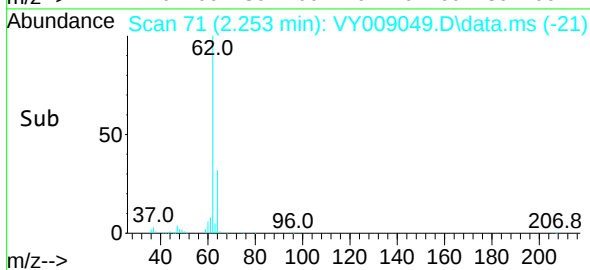
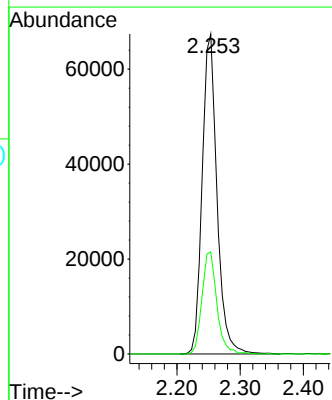
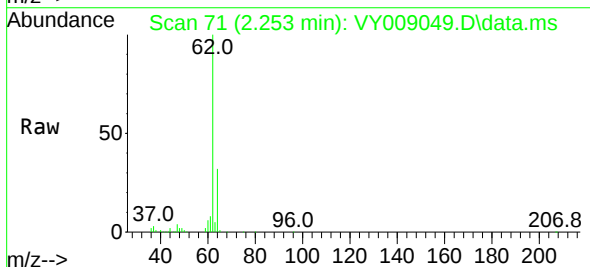
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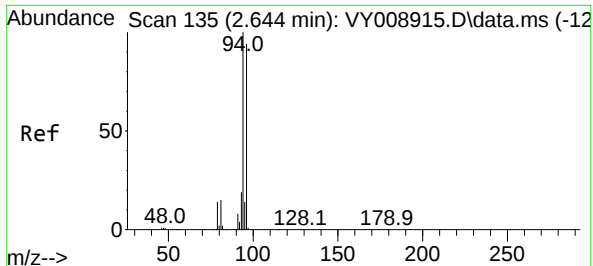
Tgt Ion: 50 Resp: 77314
Ion Ratio Lower Upper
50 100
52 31.6 24.6 37.0



#4
Vinyl Chloride
Concen: 52.544 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 62 Resp: 109733
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.6

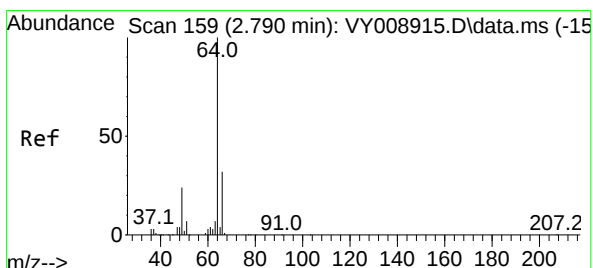
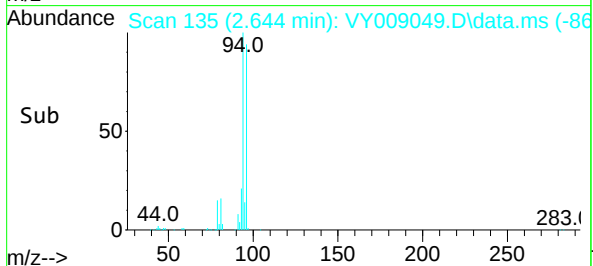
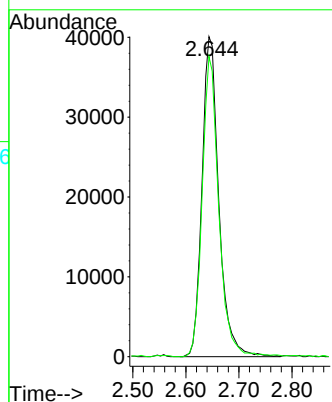
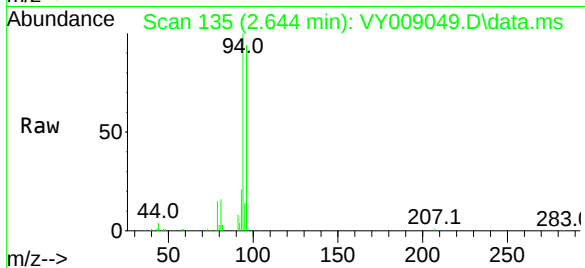




#5
Bromomethane
Concen: 43.136 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009049.D
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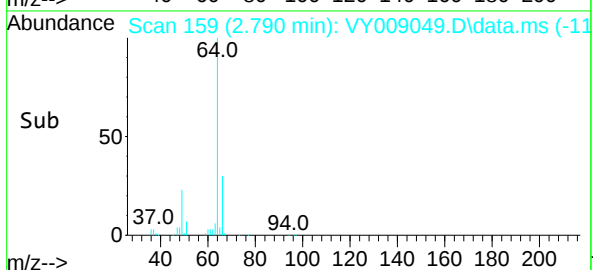
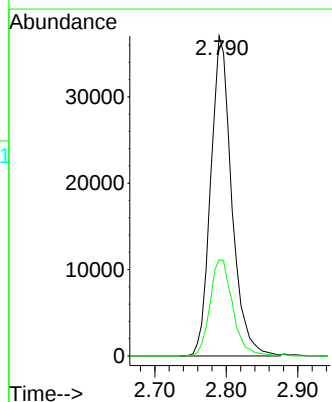
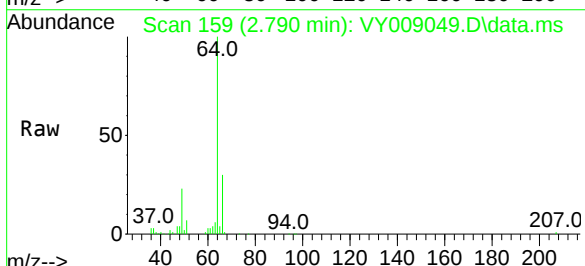
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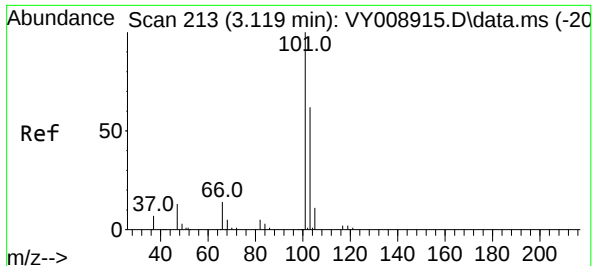
Tgt Ion: 94 Resp: 88305
Ion Ratio Lower Upper
94 100
96 93.7 73.5 110.3



#6
Chloroethane
Concen: 51.061 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 64 Resp: 75545
Ion Ratio Lower Upper
64 100
66 30.1 25.4 38.0

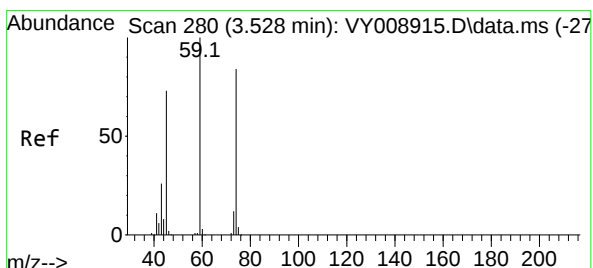
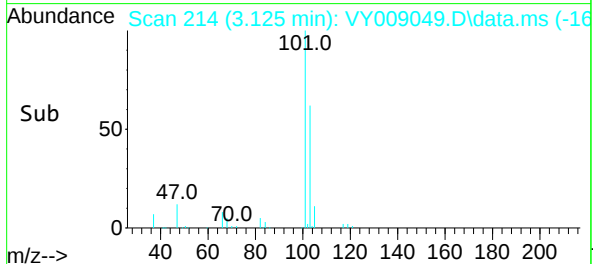
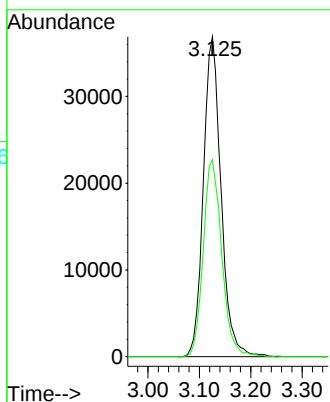
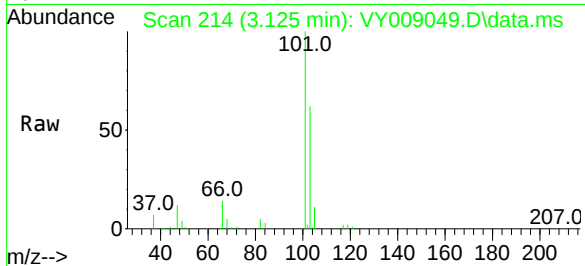




#7
Trichlorofluoromethane
Concen: 49.678 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

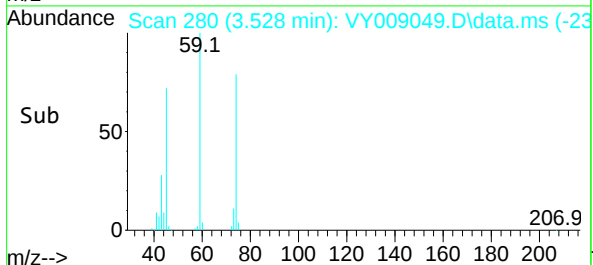
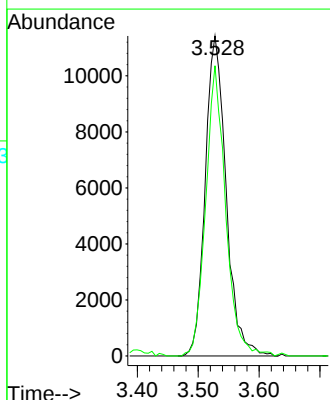
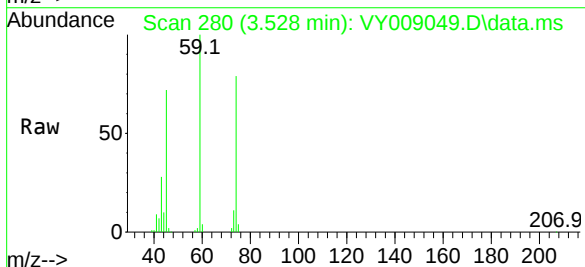
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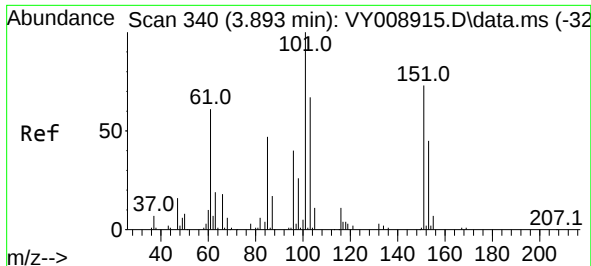
Tgt Ion:101 Resp: 88106
Ion Ratio Lower Upper
101 100
103 61.6 48.0 72.0



#8
Diethyl Ether
Concen: 49.109 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 27234
Ion Ratio Lower Upper
74 100
45 86.6 55.1 165.5

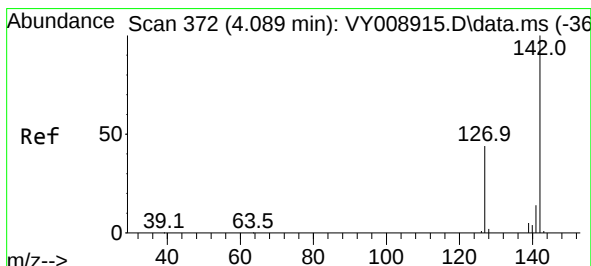
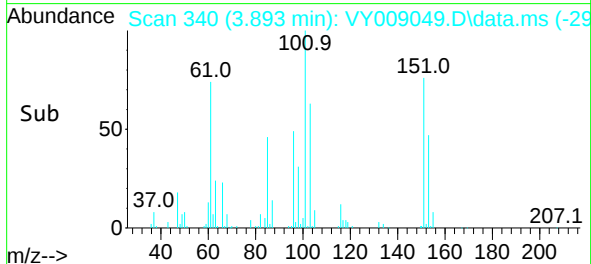
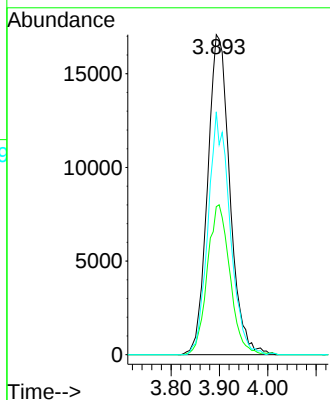
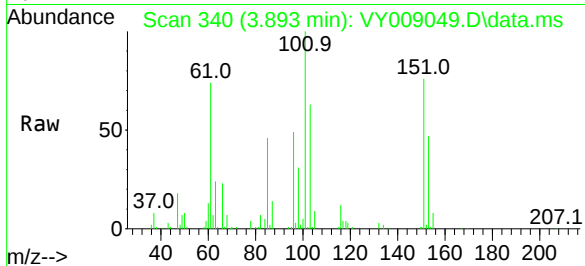




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.152 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

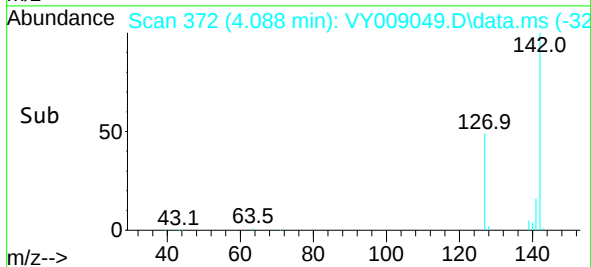
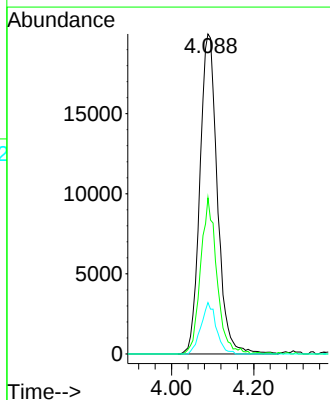
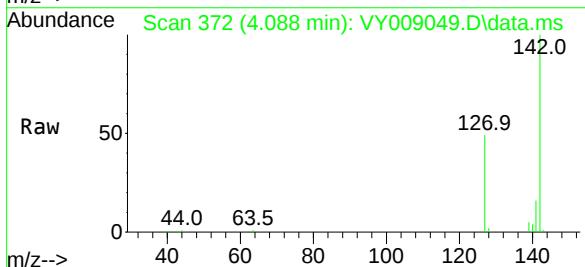
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

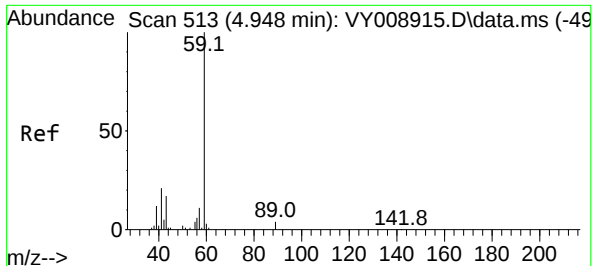
Tgt Ion:101 Resp: 54666
Ion Ratio Lower Upper
101 100
85 47.7 40.6 60.8
151 74.4 64.9 97.3



#10
Methyl Iodide
Concen: 52.378 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.001 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion:142 Resp: 58954
Ion Ratio Lower Upper
142 100
127 45.4 41.5 62.3
141 14.1 11.9 17.9

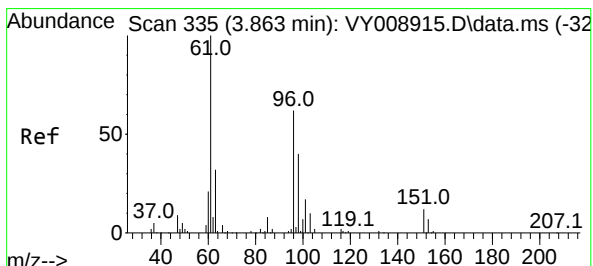
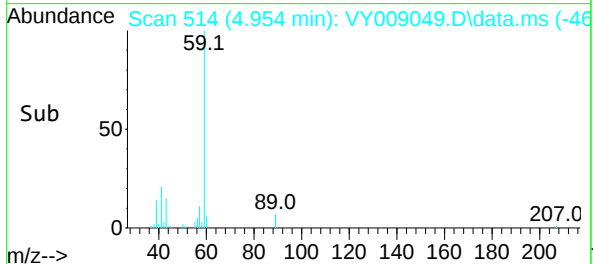
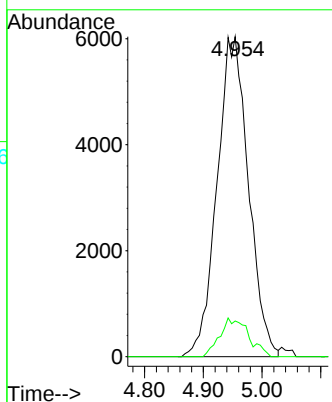
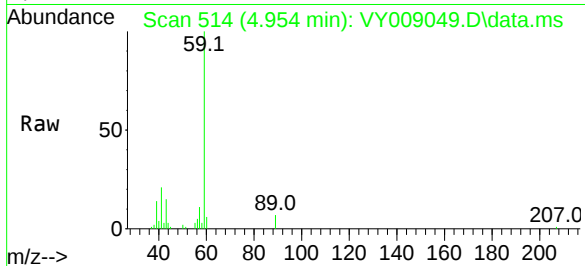




#11
Tert butyl alcohol
Concen: 199.749 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

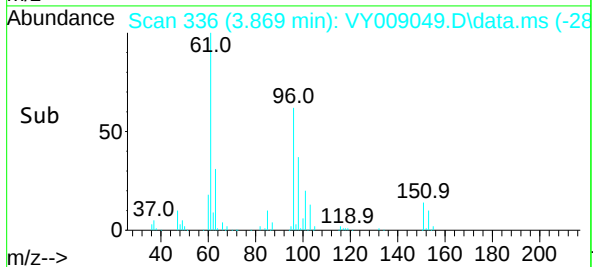
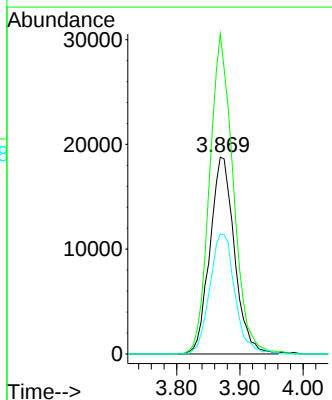
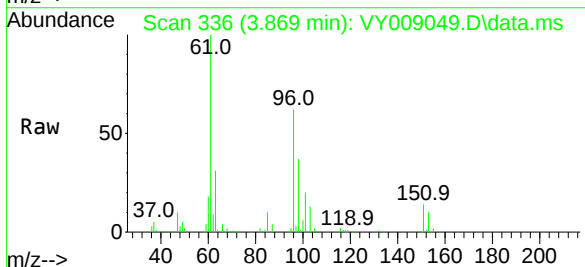
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

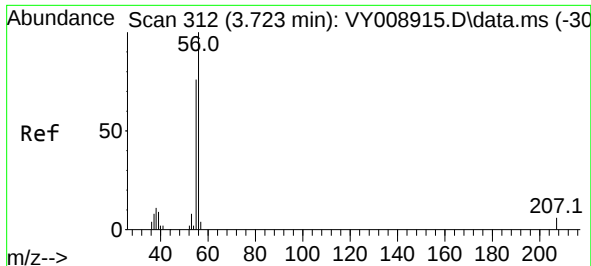
Tgt Ion: 59 Resp: 22433
Ion Ratio Lower Upper
59 100
57 11.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 50.015 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 96 Resp: 50609
Ion Ratio Lower Upper
96 100
61 162.5 145.8 218.6
98 60.9 52.5 78.7

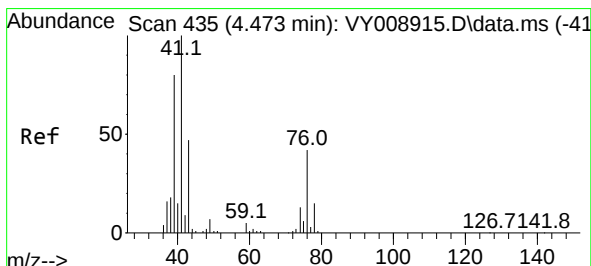
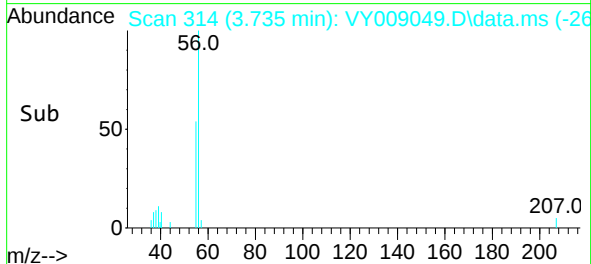
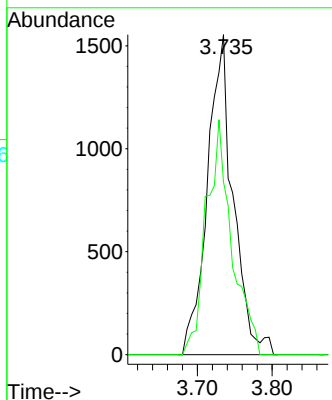
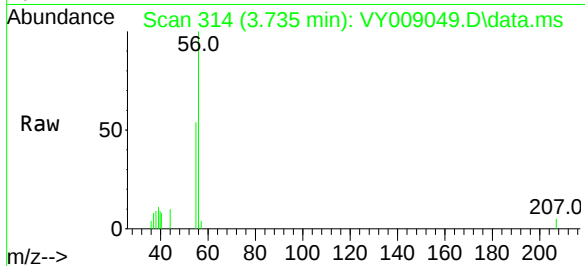




#13
Acrolein
Concen: 100.741 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

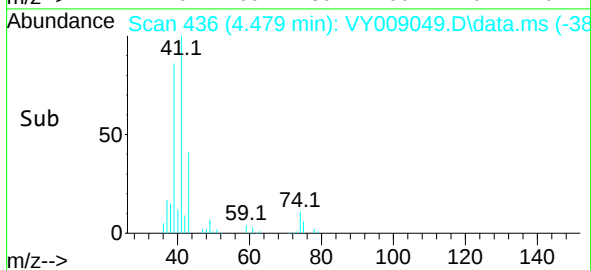
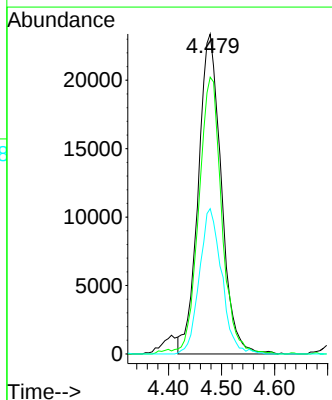
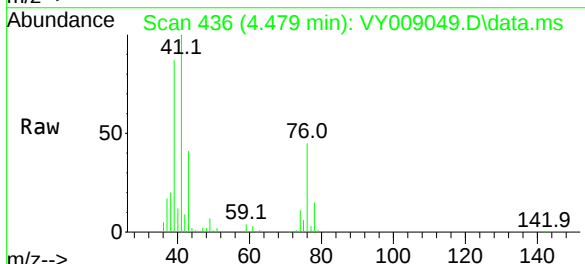
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

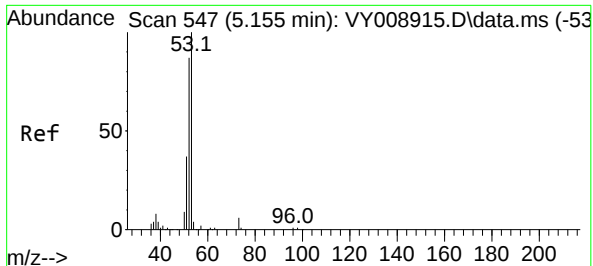
Tgt Ion: 56 Resp: 3724
Ion Ratio Lower Upper
56 100
55 72.3 57.6 86.4



#14
Allyl chloride
Concen: 46.181 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 41 Resp: 70422
Ion Ratio Lower Upper
41 100
39 86.2 58.8 88.2
76 44.1 25.1 37.7#

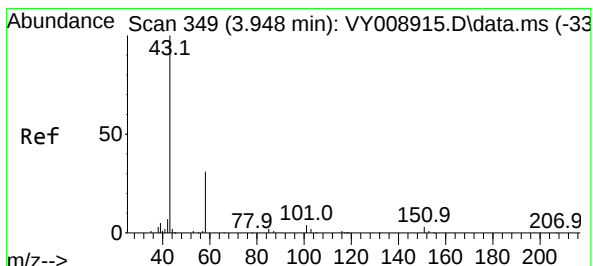
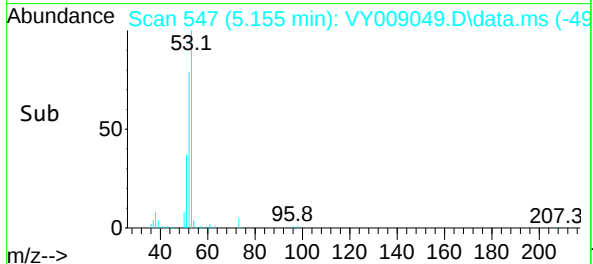
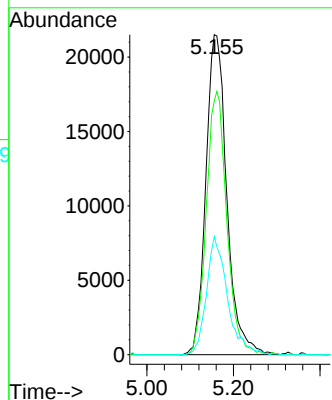
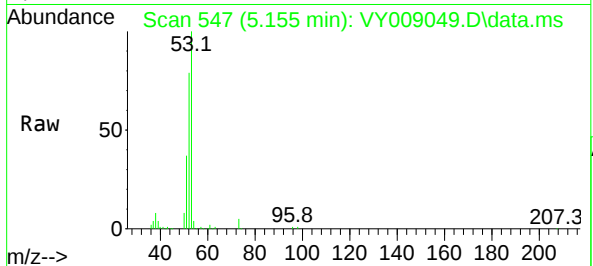




#15
Acrylonitrile
Concen: 232.665 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

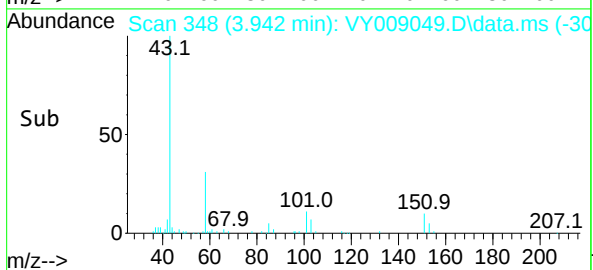
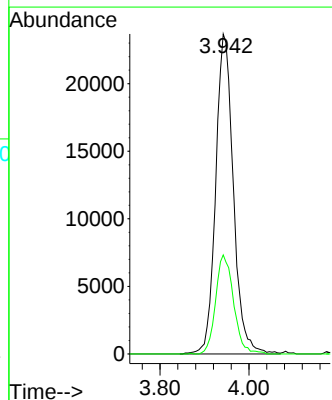
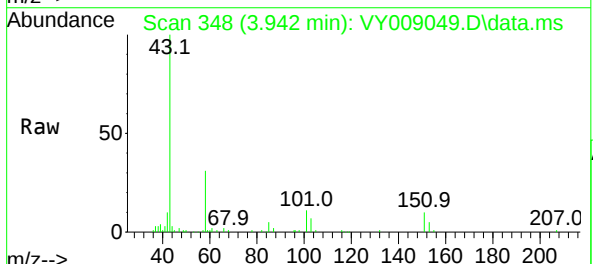
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

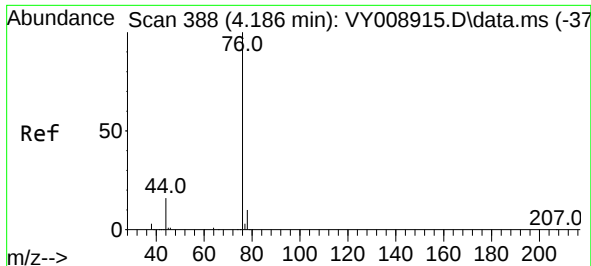
Tgt Ion: 53 Resp: 72243
Ion Ratio Lower Upper
53 100
52 80.5 67.0 100.4
51 37.0 29.8 44.6



#16
Acetone
Concen: 283.329 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 43 Resp: 65299
Ion Ratio Lower Upper
43 100
58 31.0 22.0 33.0

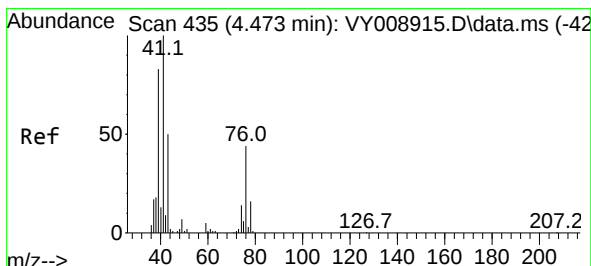
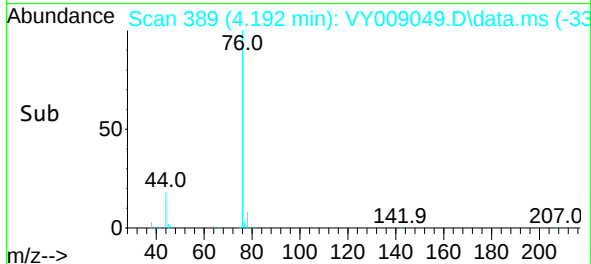
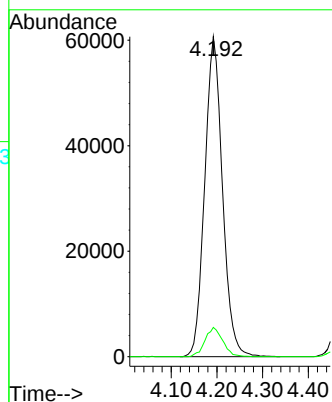
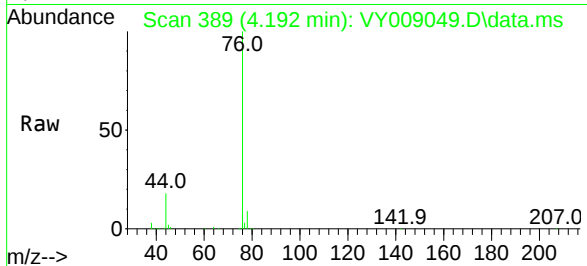




#17
Carbon Disulfide
Concen: 49.424 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

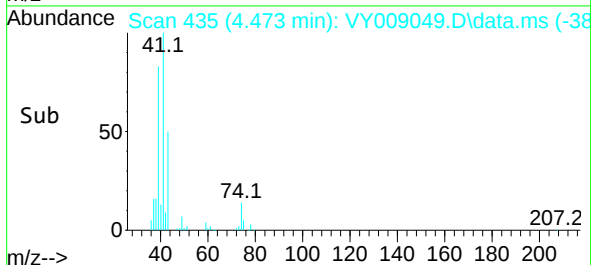
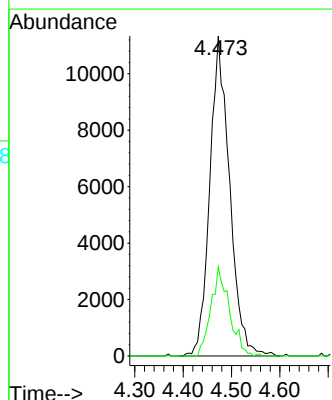
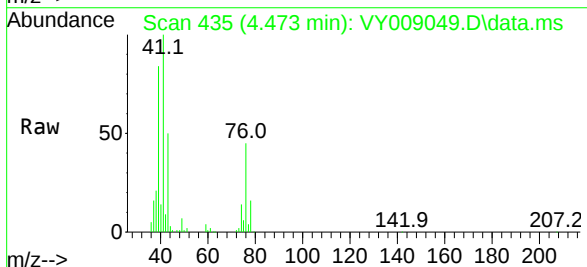
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

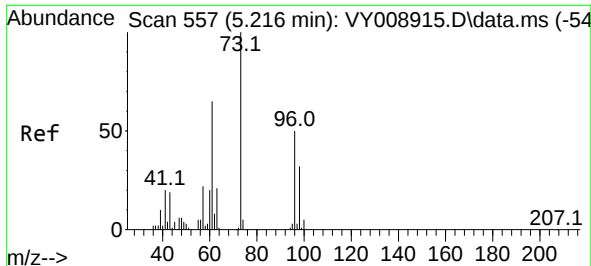
Tgt Ion: 76 Resp: 163387
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 44.899 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 43 Resp: 32223
Ion Ratio Lower Upper
43 100
74 25.9 16.6 24.8#

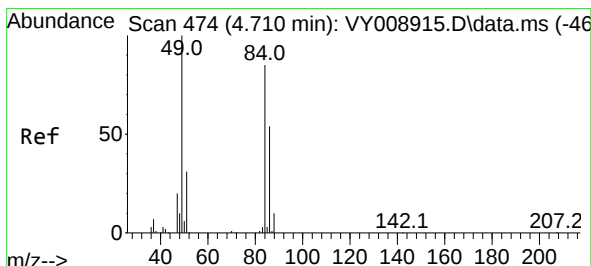
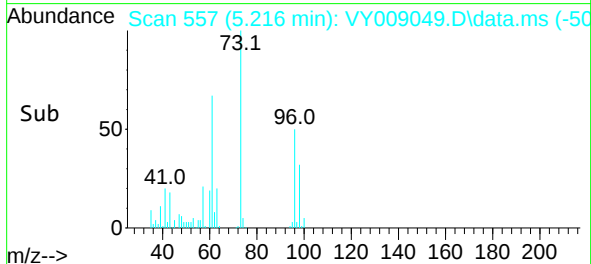
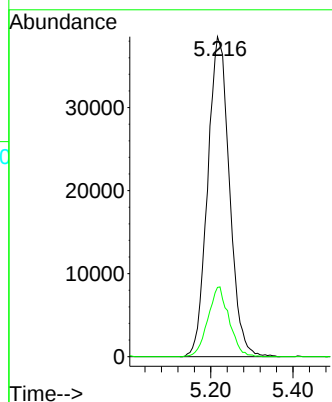
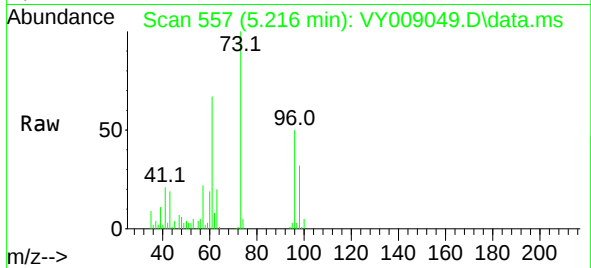




#19
Methyl tert-butyl Ether
Concen: 46.725 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

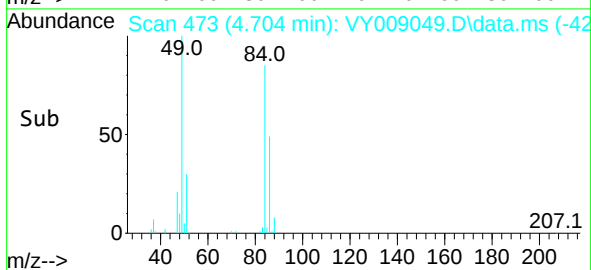
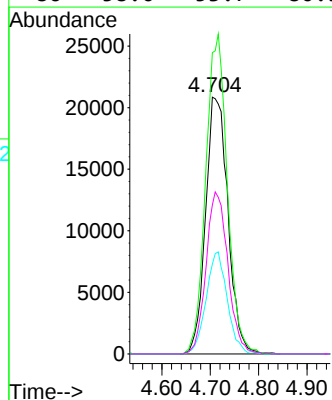
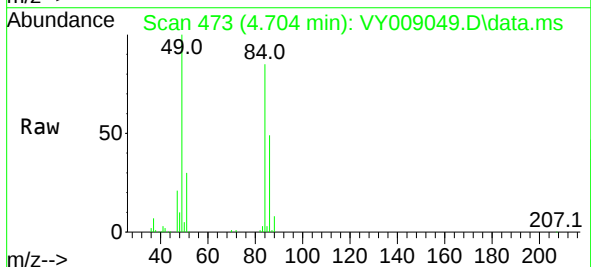
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

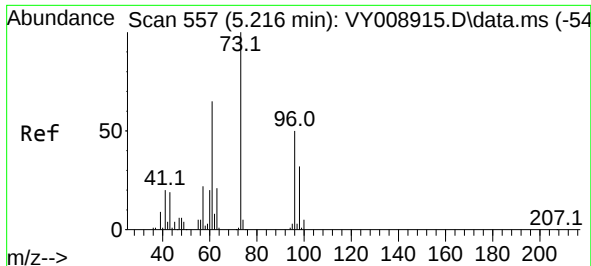
Tgt Ion: 73 Resp: 141910
Ion Ratio Lower Upper
73 100
57 21.6 18.6 27.8



#20
Methylene Chloride
Concen: 52.649 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 84 Resp: 67238
Ion Ratio Lower Upper
84 100
49 117.3 114.4 171.6
51 34.9 35.3 52.9#
86 58.0 53.7 80.5

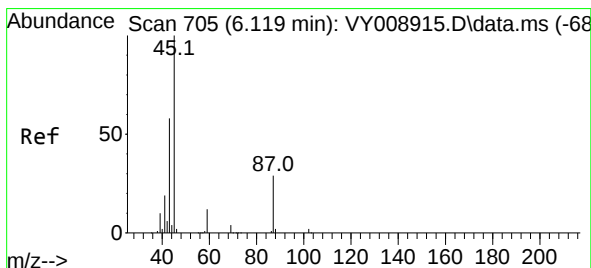
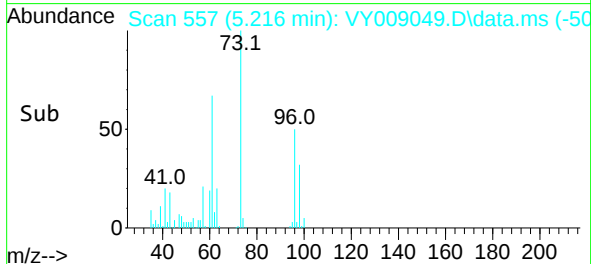
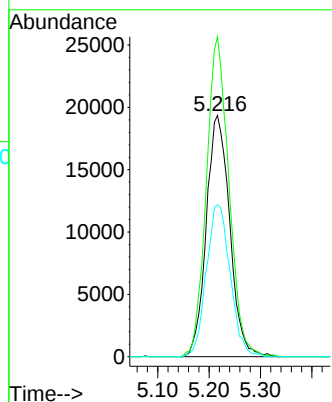
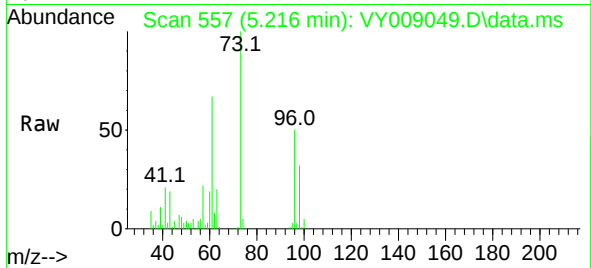




#21
trans-1,2-Dichloroethene
Concen: 47.209 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

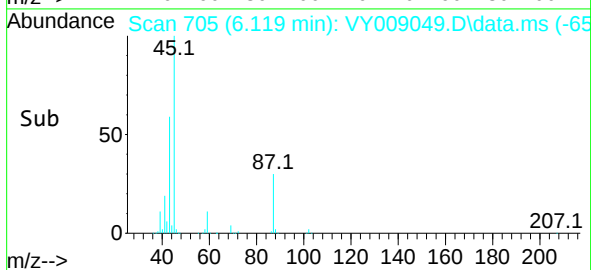
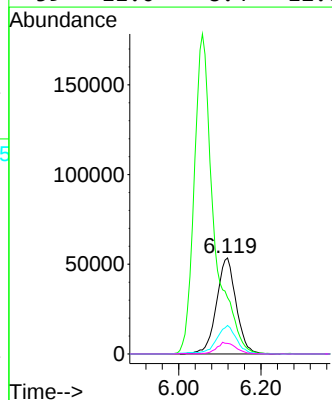
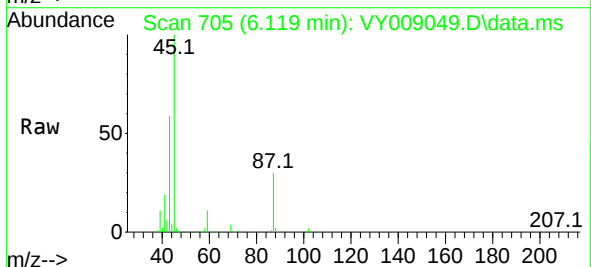
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

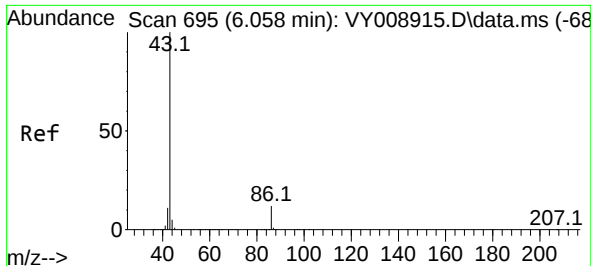
Tgt Ion: 96 Resp: 61313
Ion Ratio Lower Upper
96 100
61 132.7 120.5 180.7
98 63.0 49.8 74.8



#22
Diisopropyl ether
Concen: 48.477 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 45 Resp: 177597
Ion Ratio Lower Upper
45 100
43 58.0 49.3 73.9
87 29.7 19.2 28.8#
59 11.0 8.4 12.6

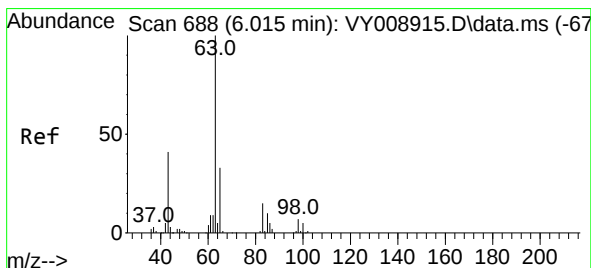
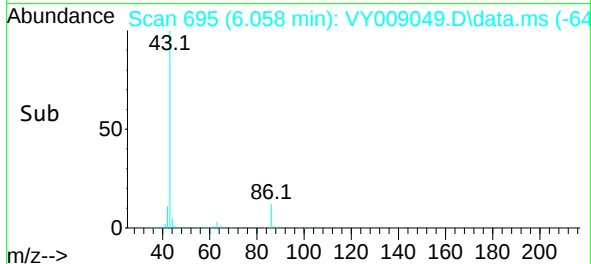
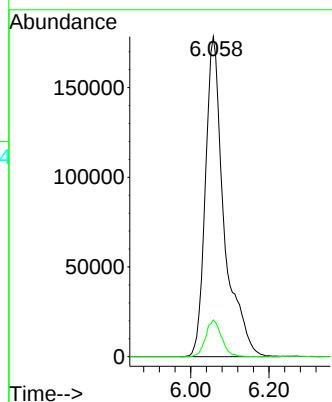
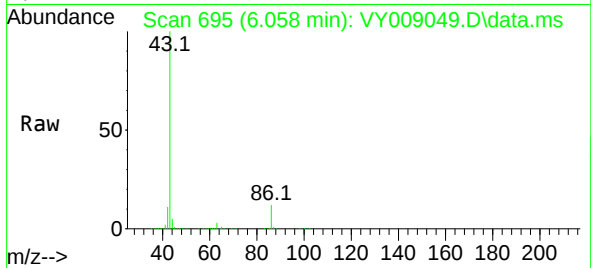




#23
 Vinyl Acetate
 Concen: 243.523 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY009049.D
 Acq: 24 May 2022 09:50

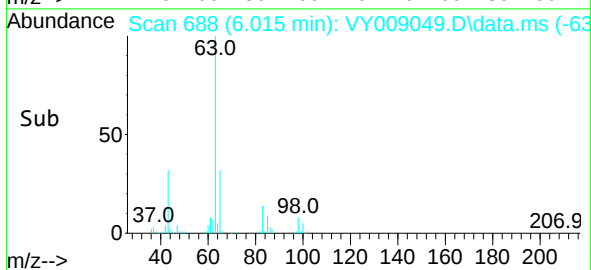
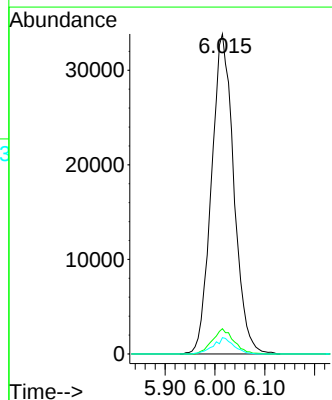
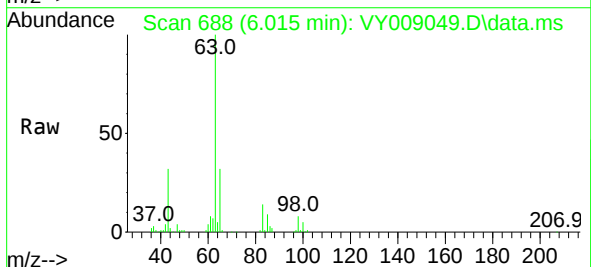
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

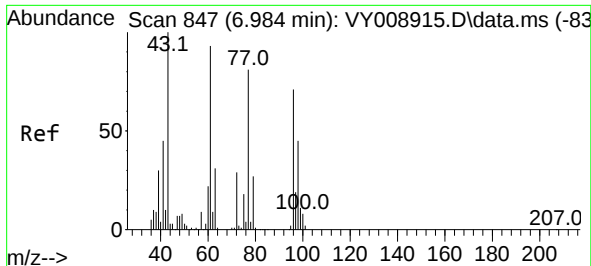
Tgt Ion: 43 Resp: 590149
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 48.060 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY009049.D
 Acq: 24 May 2022 09:50

Tgt Ion: 63 Resp: 105310
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 5.1 2.0 5.8





#25

2-Butanone

Concen: 249.848 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Instrument :

MSVOA_Y

ClientSampleId :

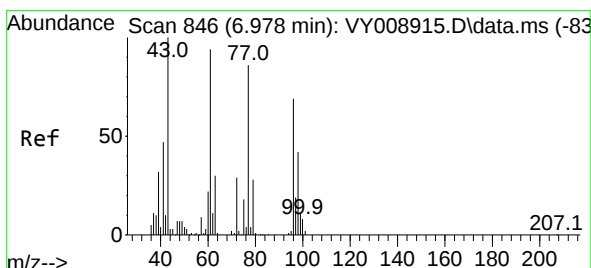
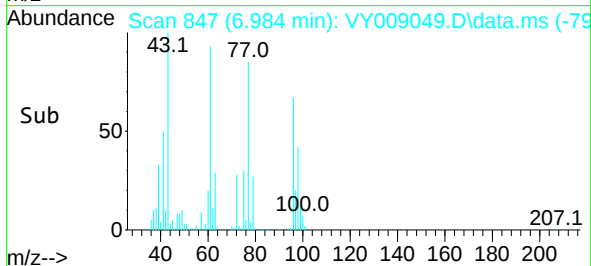
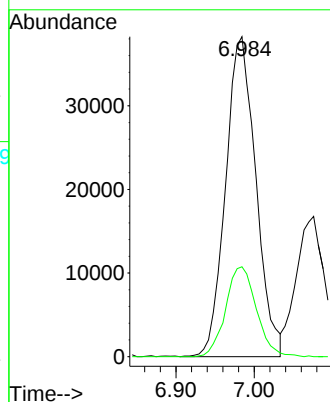
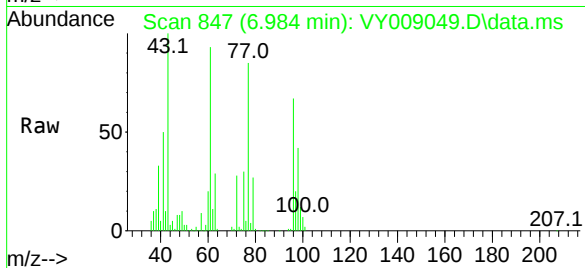
VSTDCCC050

Tgt Ion: 43 Resp: 102849

Ion Ratio Lower Upper

43 100

72 28.1 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 50.509 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009049.D

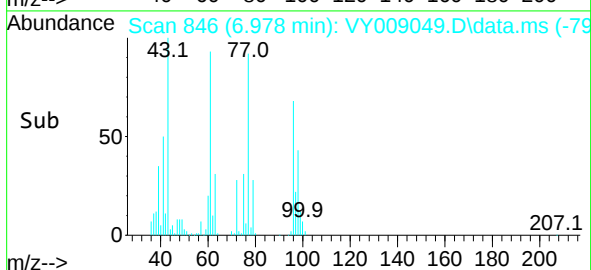
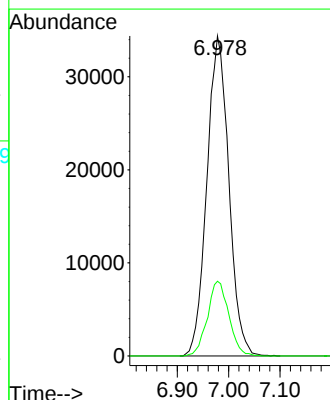
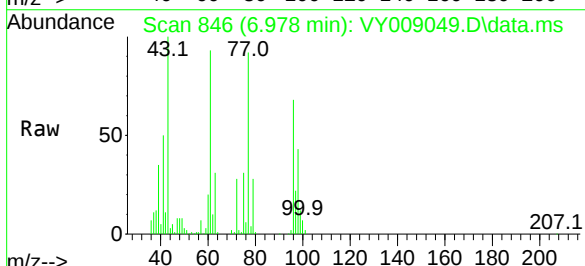
Acq: 24 May 2022 09:50

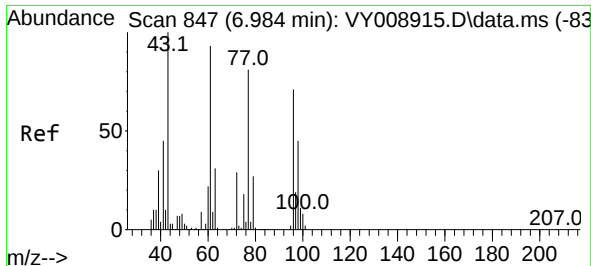
Tgt Ion: 77 Resp: 101953

Ion Ratio Lower Upper

77 100

97 22.8 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 47.446 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

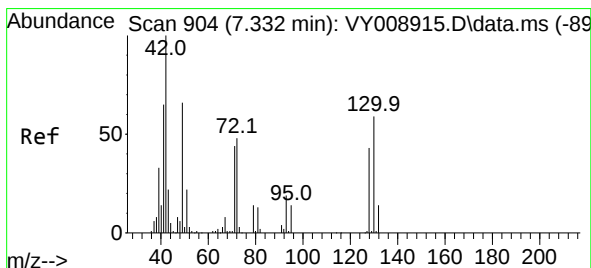
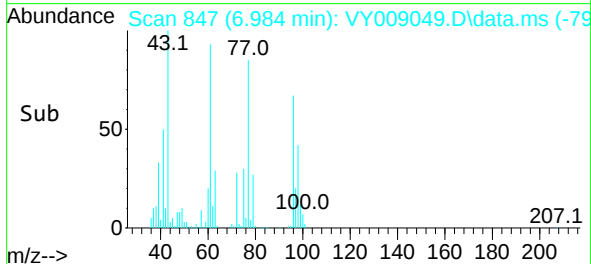
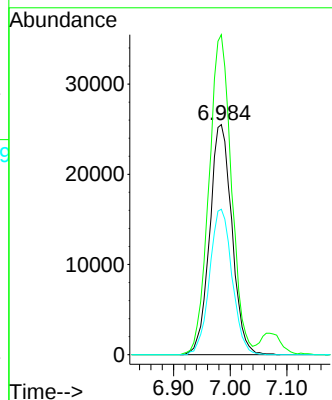
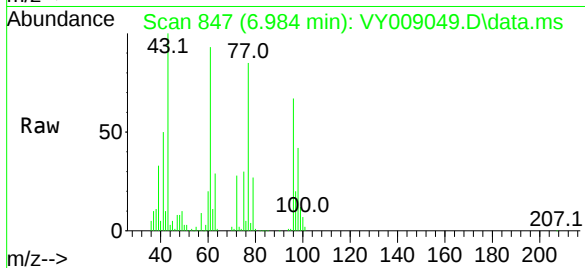
Tgt Ion: 96 Resp: 69465

Ion Ratio Lower Upper

96 100

61 140.5 0.0 319.8

98 63.9 0.0 127.0



#28

Bromochloromethane

Concen: 49.143 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

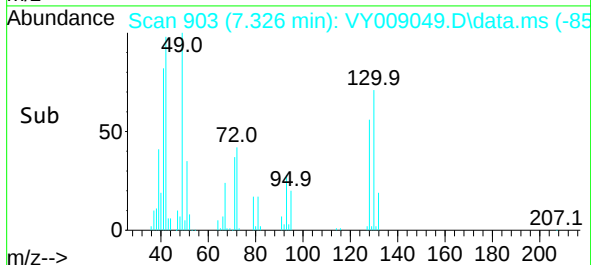
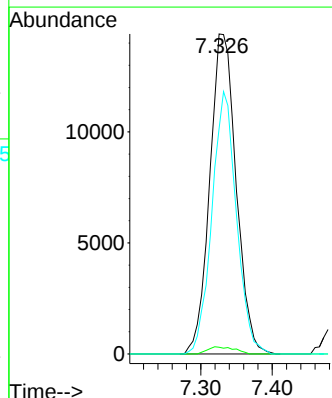
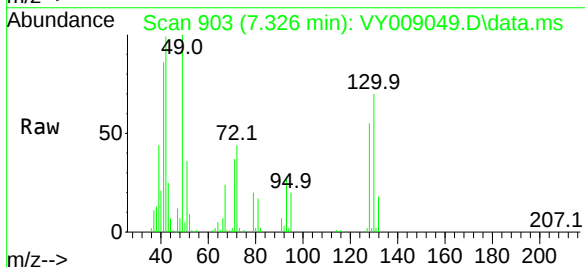
Tgt Ion: 49 Resp: 36961

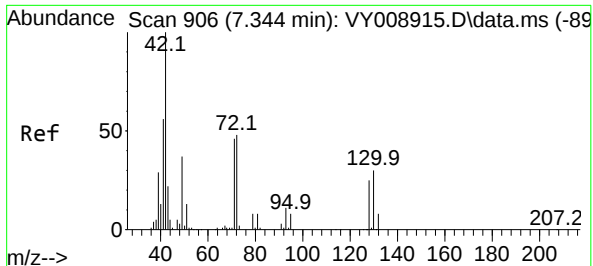
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.2#

130 76.2 55.4 83.0





#29

Tetrahydrofuran

Concen: 237.463 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

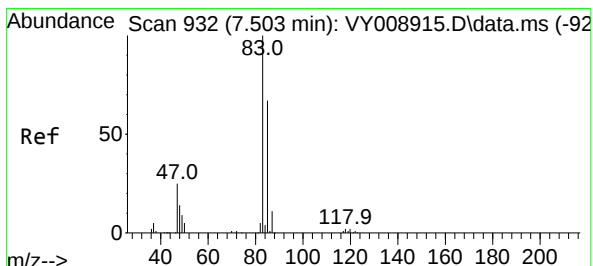
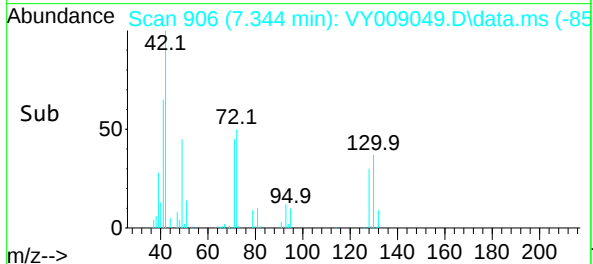
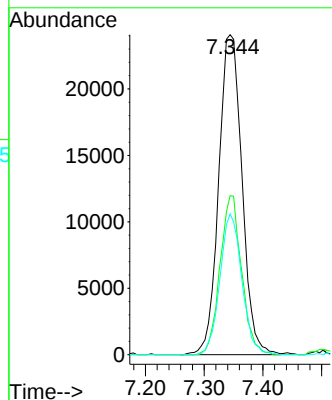
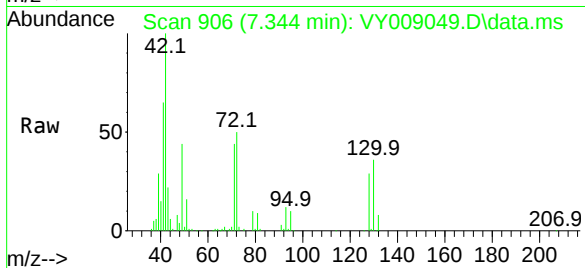
Tgt Ion: 42 Resp: 66400

Ion Ratio Lower Upper

42 100

72 45.9 30.3 45.5#

71 41.3 29.0 43.4



#30

Chloroform

Concen: 47.337 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY009049.D

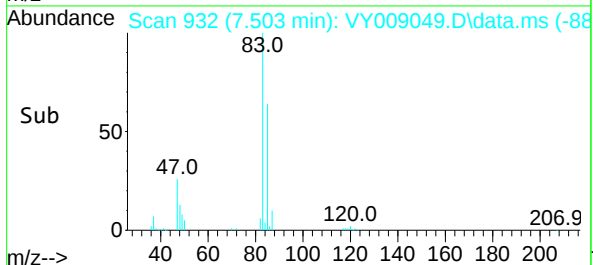
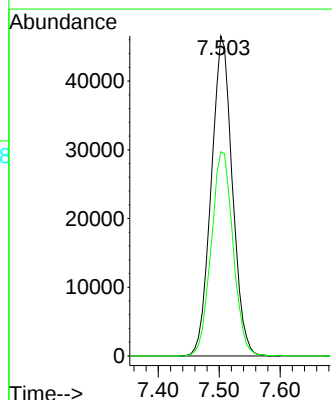
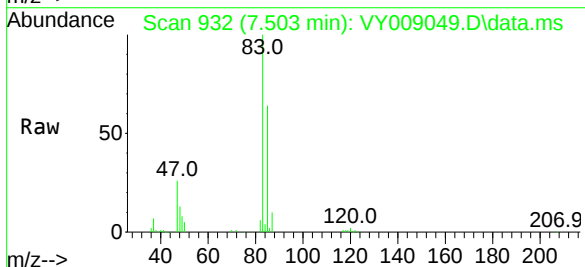
Acq: 24 May 2022 09:50

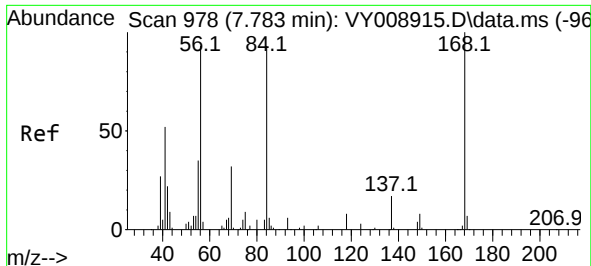
Tgt Ion: 83 Resp: 111968

Ion Ratio Lower Upper

83 100

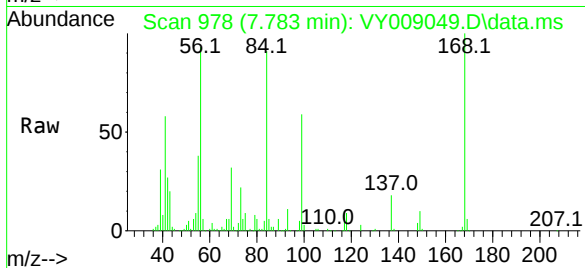
85 63.8 51.8 77.6



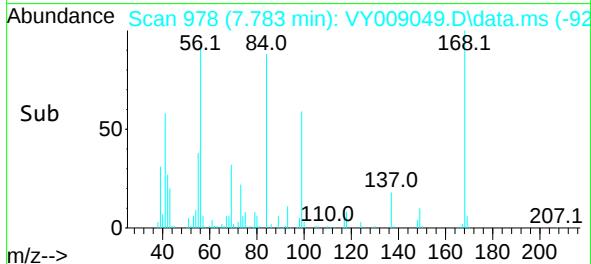
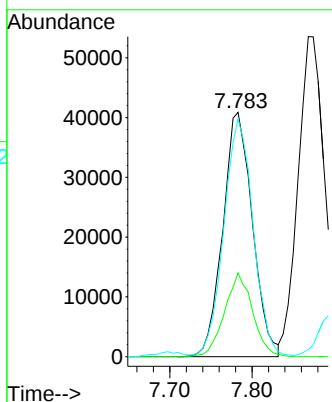


#31
Cyclohexane
Concen: 47.285 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

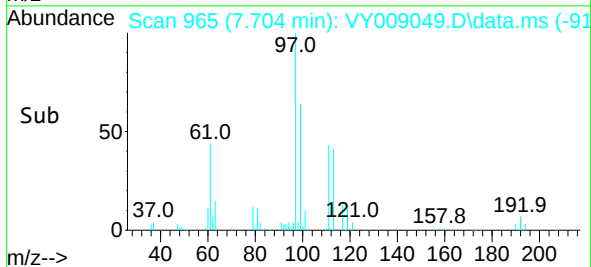
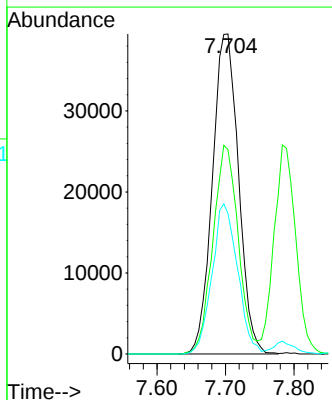
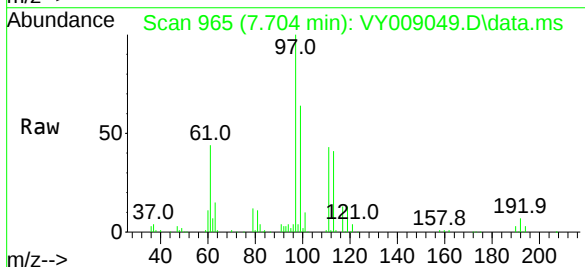


Tgt Ion: 56 Resp: 102420
Ion Ratio Lower Upper
56 100
69 34.3 26.7 40.1
84 95.5 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 48.682 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 97 Resp: 104469
Ion Ratio Lower Upper
97 100
99 63.4 50.7 76.1
61 46.0 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 45.417 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Instrument :

MSVOA_Y

ClientSampleId :

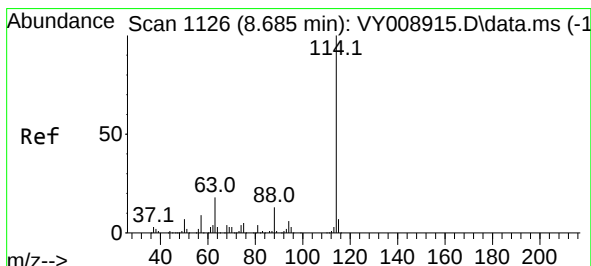
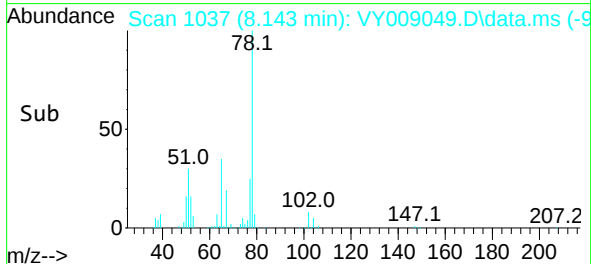
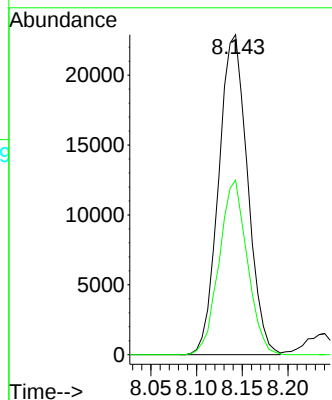
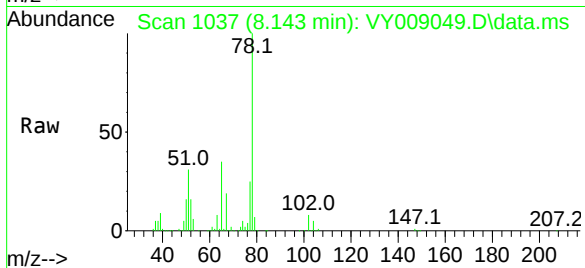
VSTDCCC050

Tgt Ion: 65 Resp: 50286

Ion Ratio Lower Upper

65 100

67 53.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

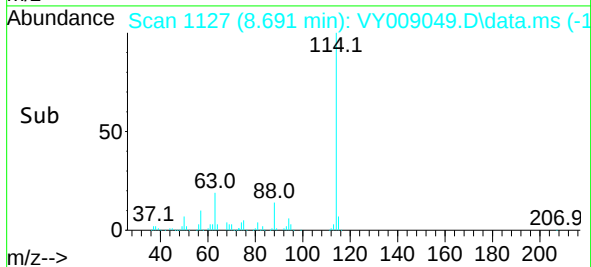
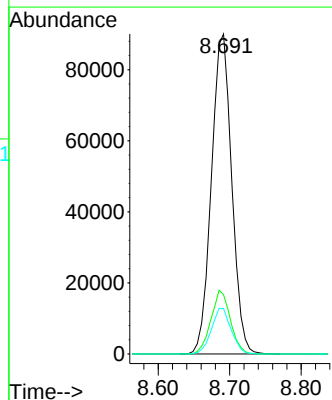
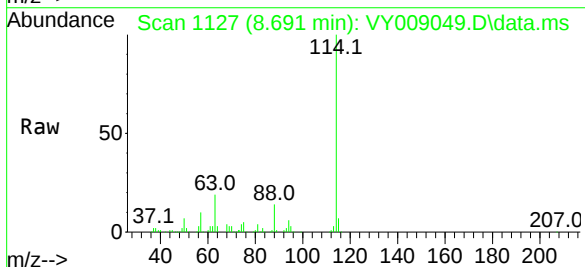
Tgt Ion: 114 Resp: 177413

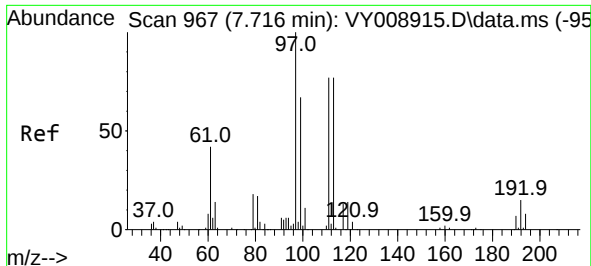
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.2 0.0 31.8

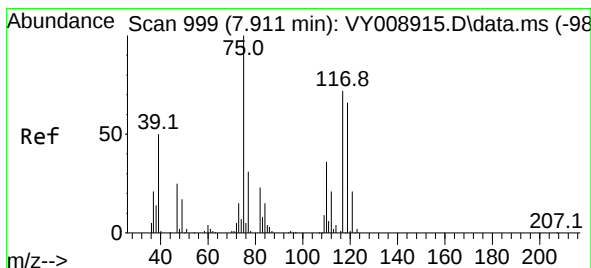
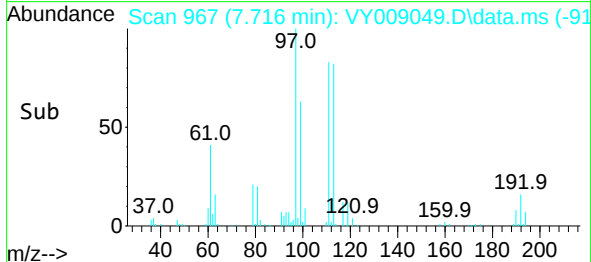
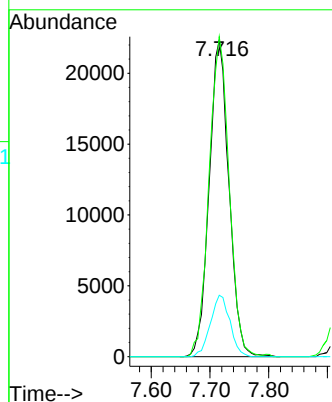
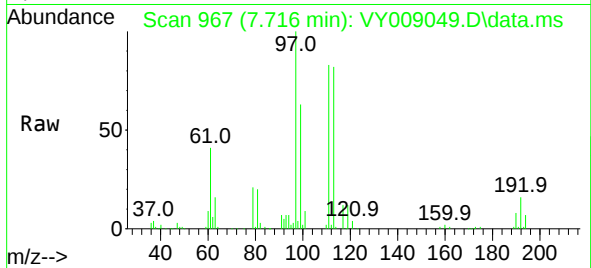




#35
Dibromofluoromethane
Concen: 47.372 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

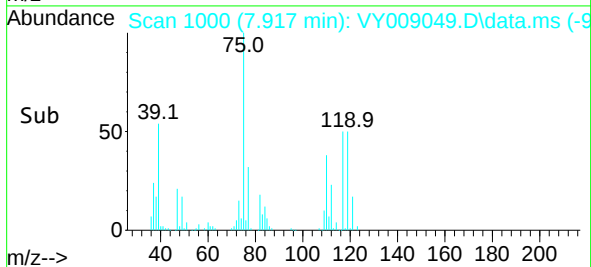
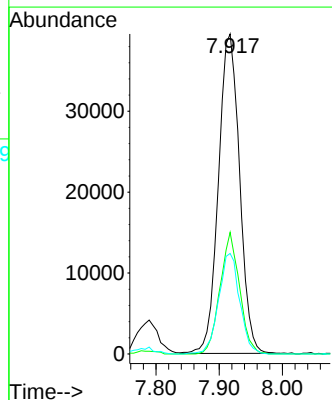
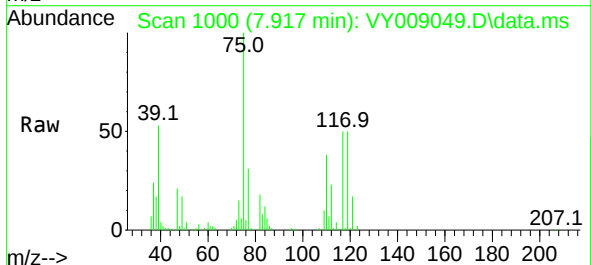
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 52262
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 48.763 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 75 Resp: 91552
Ion Ratio Lower Upper
75 100
110 35.0 17.1 51.2
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 45.157 ug/l

RT: 7.076 min Scan# 862

Delta R.T. -0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

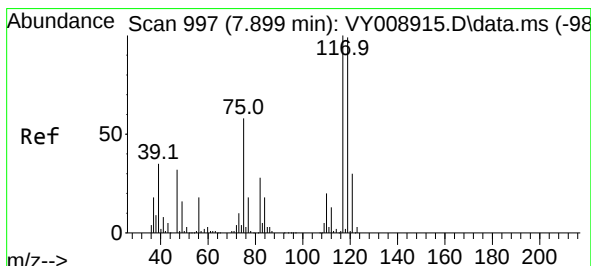
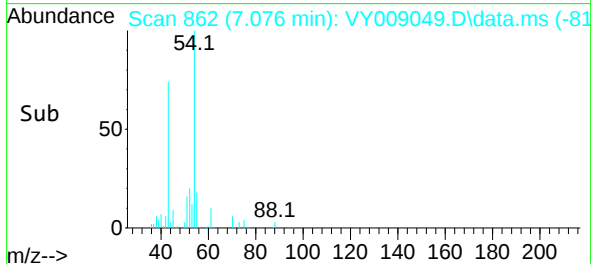
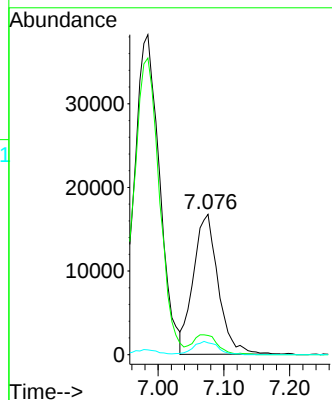
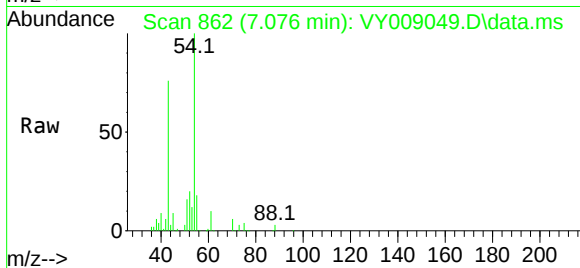
Tgt Ion: 43 Resp: 43978

Ion Ratio Lower Upper

43 100

61 13.5 9.7 14.5

70 9.4 7.1 10.7



#38

Carbon Tetrachloride

Concen: 48.035 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

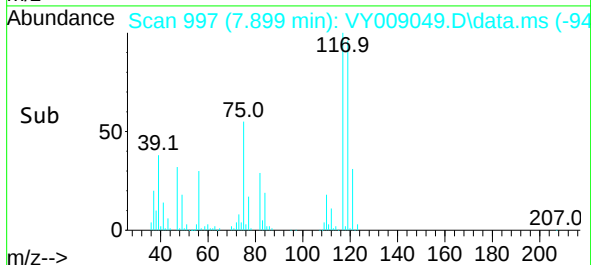
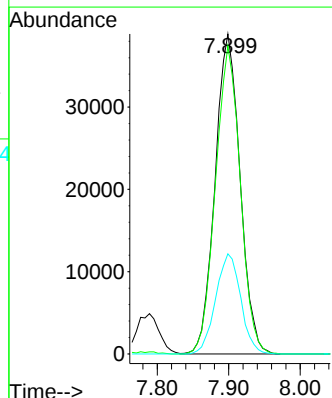
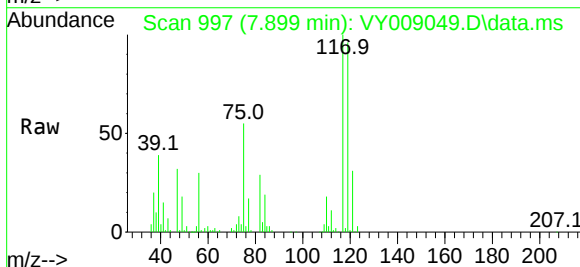
Tgt Ion: 117 Resp: 94342

Ion Ratio Lower Upper

117 100

119 96.3 77.9 116.9

121 31.3 24.8 37.2





#39

Methylcyclohexane

Concen: 48.763 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

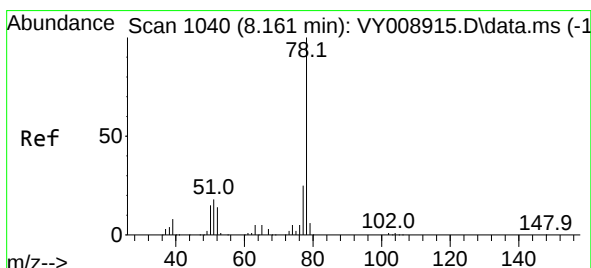
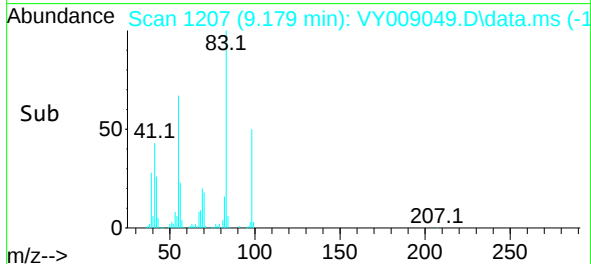
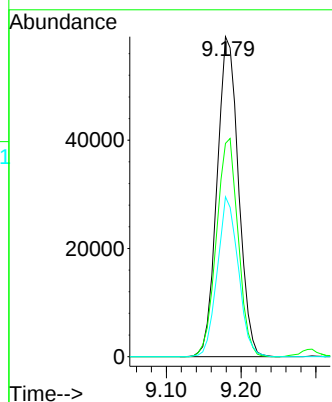
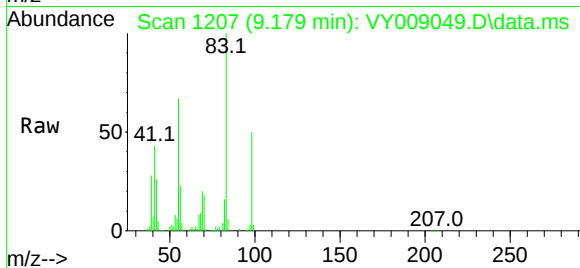
Tgt Ion: 83 Resp: 118174

Ion Ratio Lower Upper

83 100

55 66.6 66.5 99.7

98 49.9 37.9 56.9



#40

Benzene

Concen: 48.246 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY009049.D

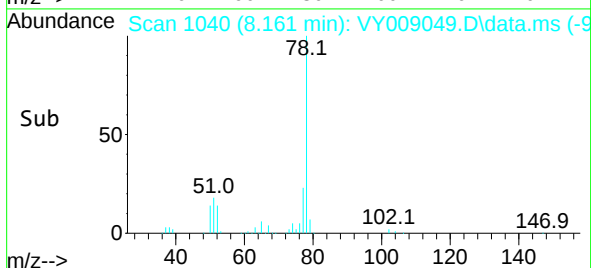
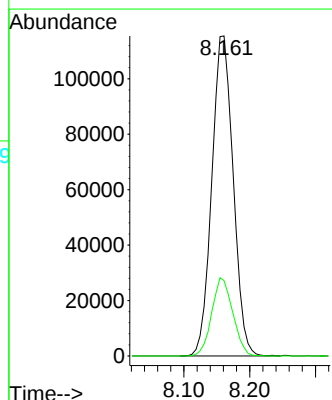
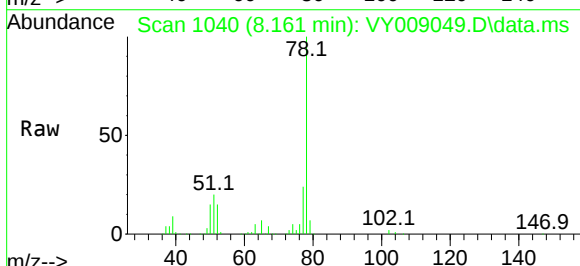
Acq: 24 May 2022 09:50

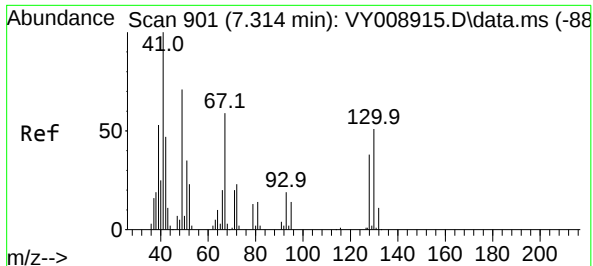
Tgt Ion: 78 Resp: 261198

Ion Ratio Lower Upper

78 100

77 23.5 20.4 30.6

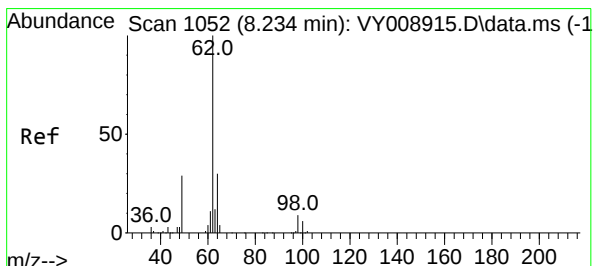
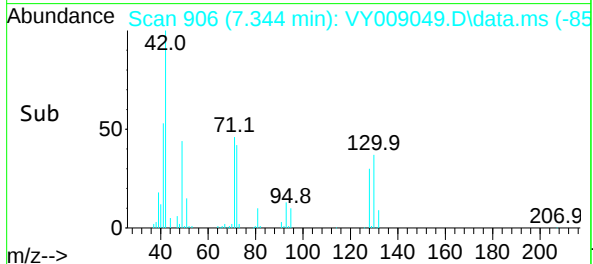
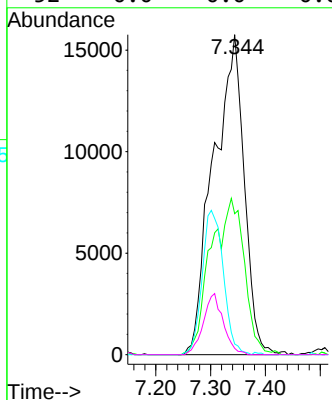
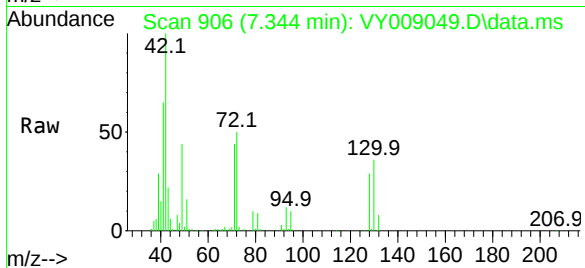




#41
Methacrylonitrile
Concen: 121.901 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

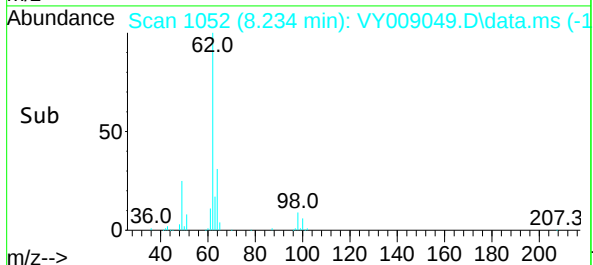
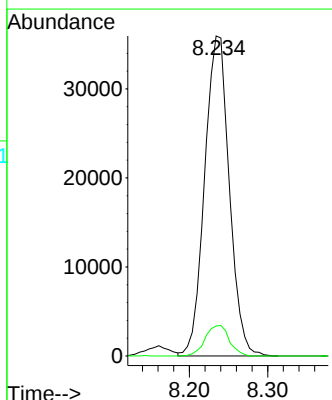
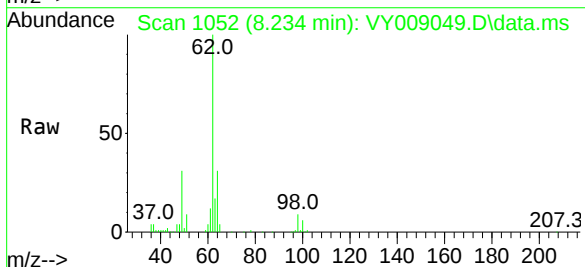
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

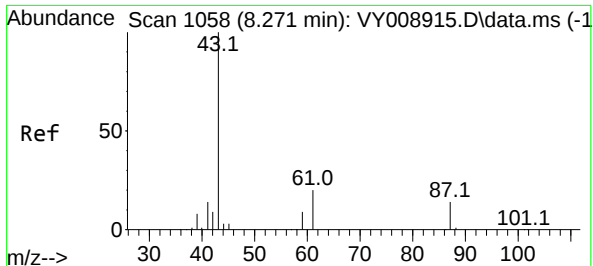
Tgt Ion: 41 Resp: 61263
Ion Ratio Lower Upper
41 100
39 31.6 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.434 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 62 Resp: 78587
Ion Ratio Lower Upper
62 100
98 9.3 0.0 14.8





#43

Isopropyl Acetate

Concen: 48.974 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

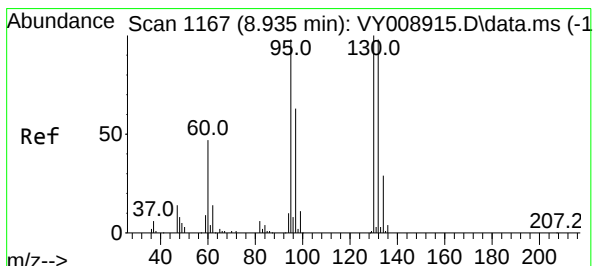
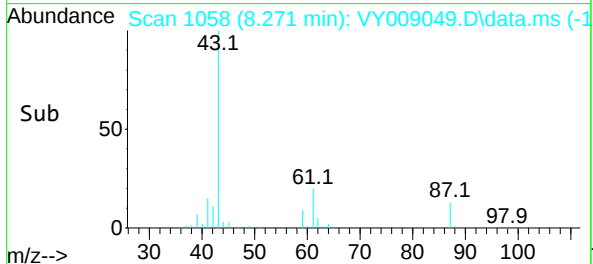
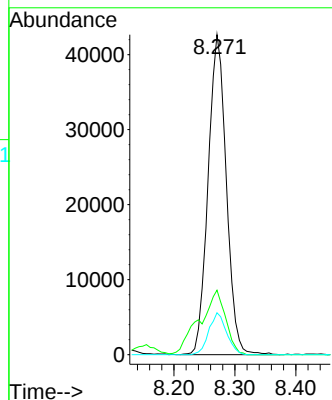
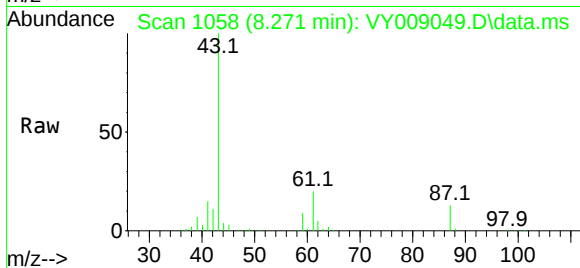
Tgt Ion: 43 Resp: 88685

Ion Ratio Lower Upper

43 100

61 29.0 20.2 30.2

87 12.7 8.9 13.3



#44

Trichloroethene

Concen: 46.904 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY009049.D

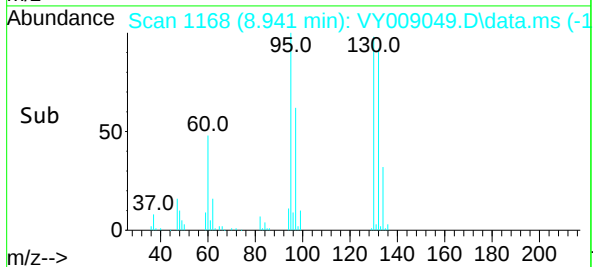
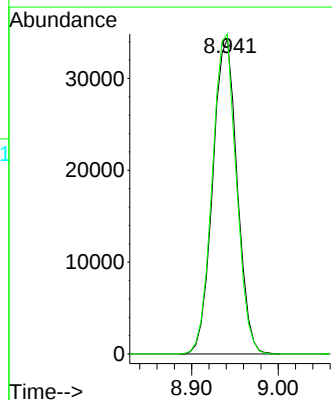
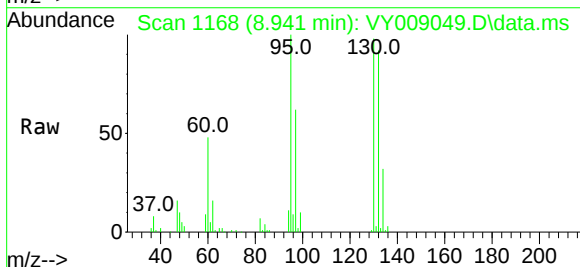
Acq: 24 May 2022 09:50

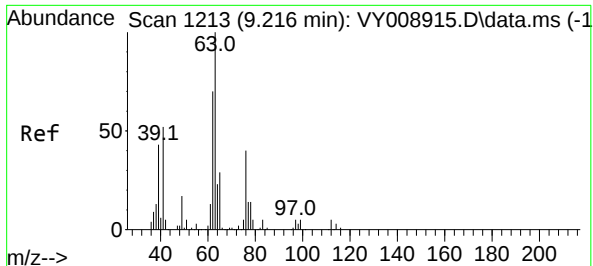
Tgt Ion:130 Resp: 67237

Ion Ratio Lower Upper

130 100

95 101.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 49.944 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Instrument :

MSVOA_Y

ClientSampleId :

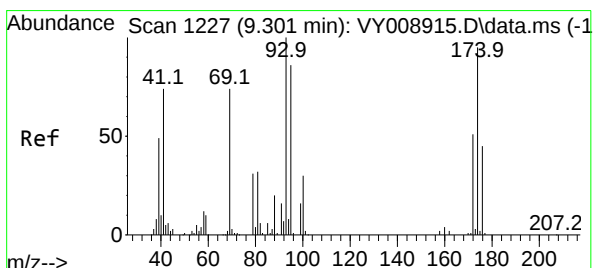
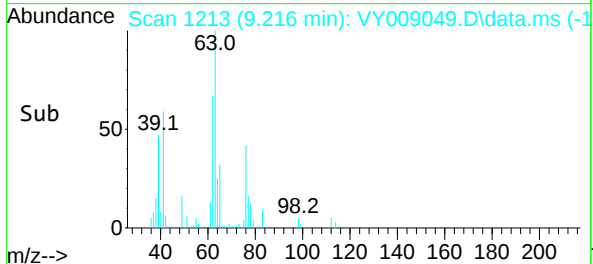
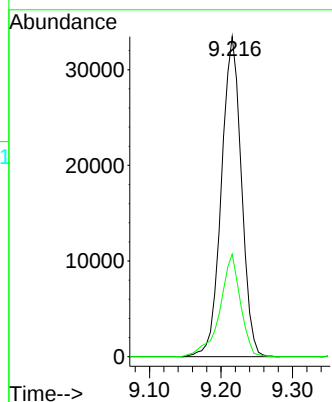
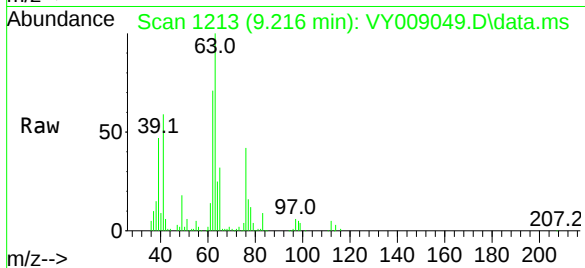
VSTDCCC050

Tgt Ion: 63 Resp: 64925

Ion Ratio Lower Upper

63 100

65 32.1 23.0 34.6



#46

Dibromomethane

Concen: 47.731 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

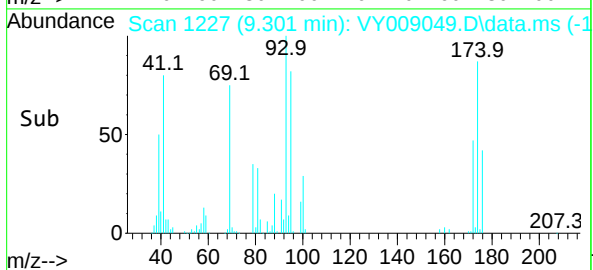
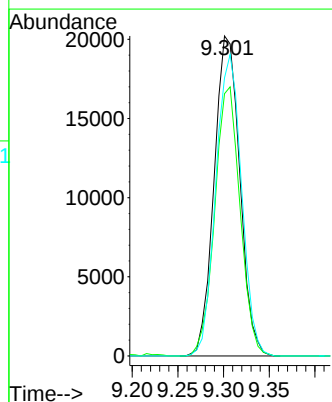
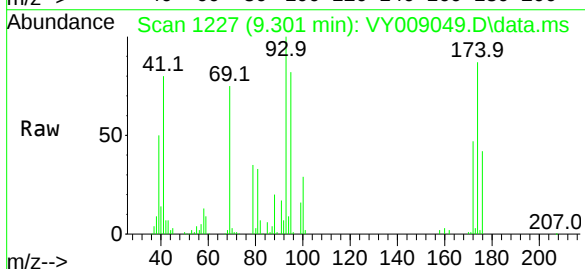
Tgt Ion: 93 Resp: 39454

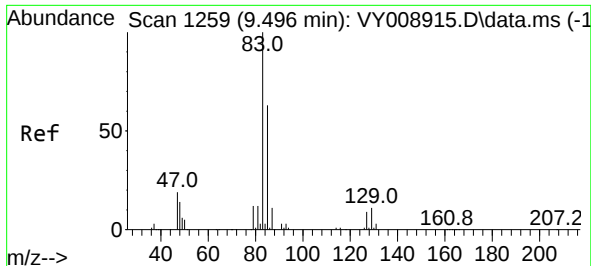
Ion Ratio Lower Upper

93 100

95 83.0 64.3 96.5

174 94.3 83.4 125.0

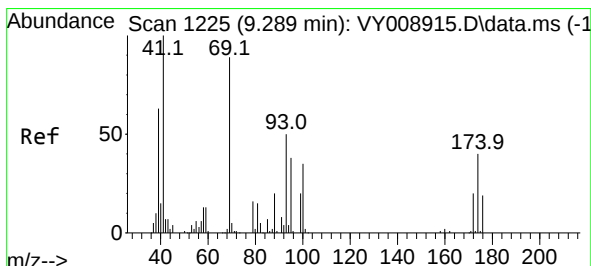
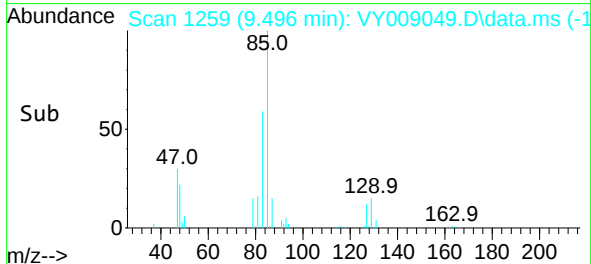
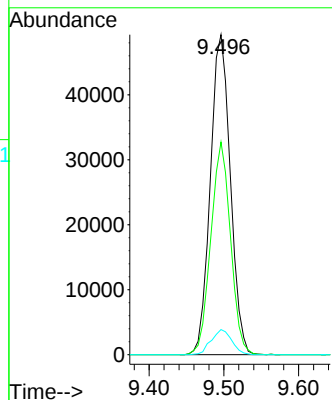
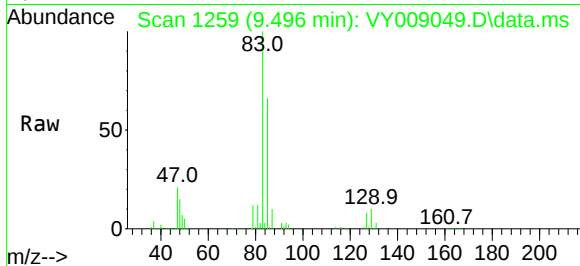




#47
Bromodichloromethane
Concen: 48.568 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

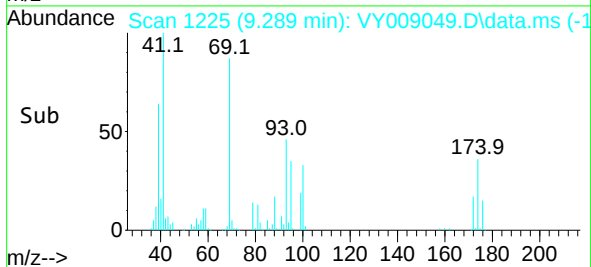
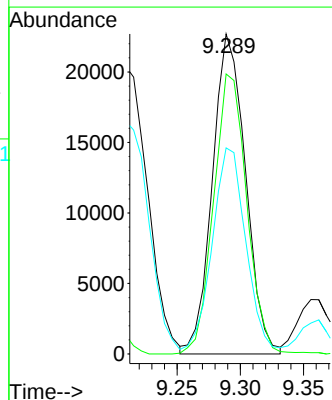
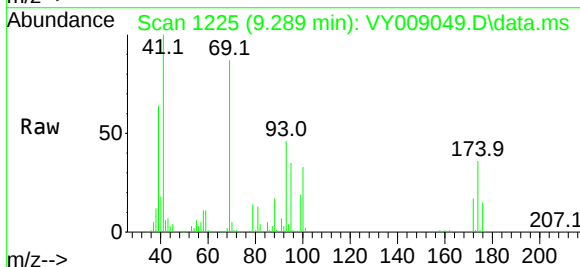
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

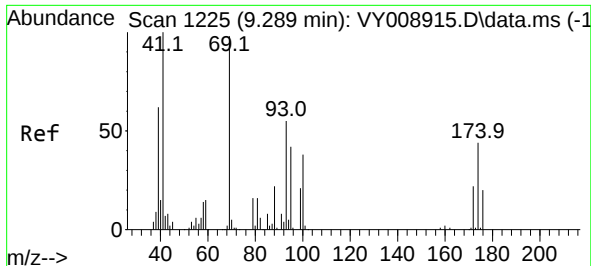
Tgt Ion: 83 Resp: 91750
Ion Ratio Lower Upper
83 100
85 66.5 51.9 77.9
127 7.9 6.6 10.0



#48
Methyl methacrylate
Concen: 51.093 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 41 Resp: 41314
Ion Ratio Lower Upper
41 100
69 87.8 58.2 87.2#
39 63.1 47.4 71.0





#49

1,4-Dioxane

Concen: 861.201 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

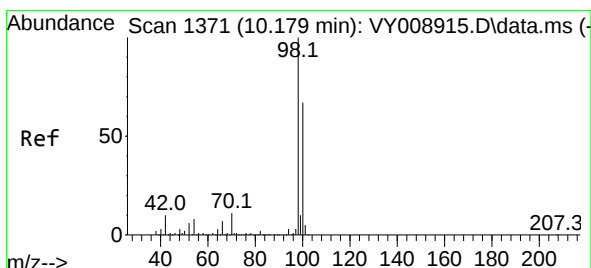
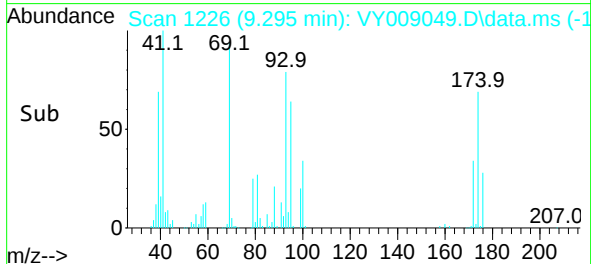
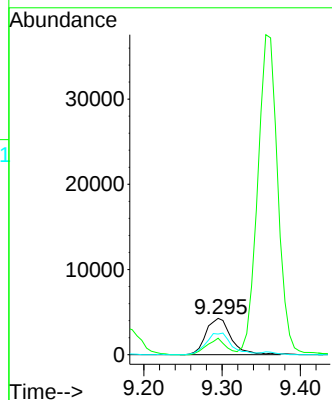
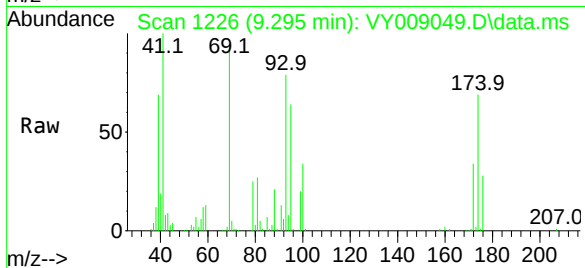
Tgt Ion: 88 Resp: 9516

Ion Ratio Lower Upper

88 100

43 34.9 32.8 49.2

58 60.7 59.8 89.6



#50

Toluene-d8

Concen: 42.918 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009049.D

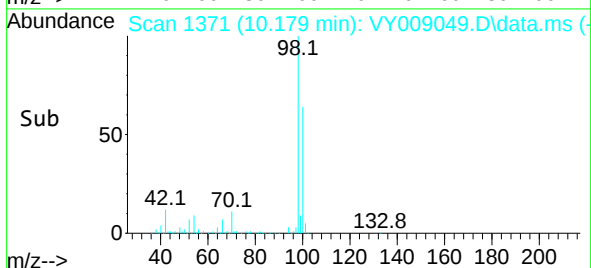
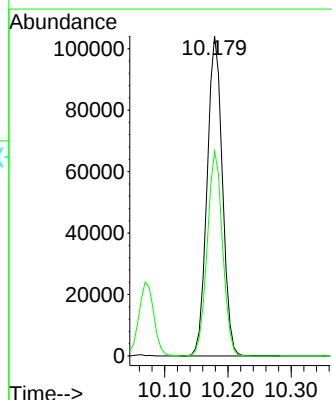
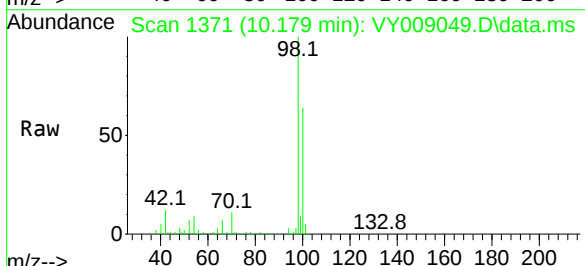
Acq: 24 May 2022 09:50

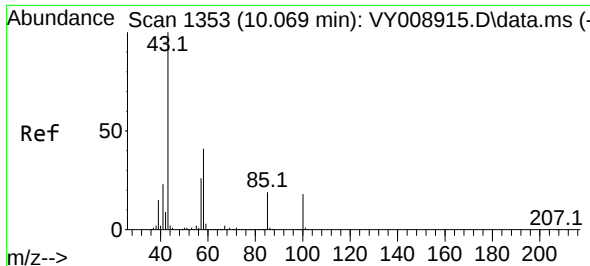
Tgt Ion: 98 Resp: 174676

Ion Ratio Lower Upper

98 100

100 64.3 50.2 75.2

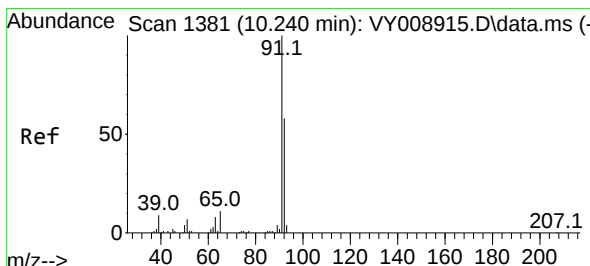
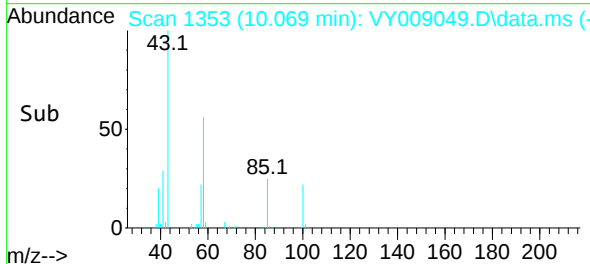
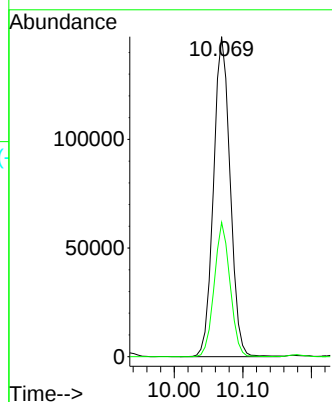
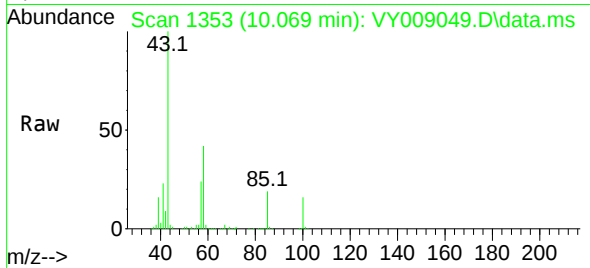




#51
4-Methyl-2-Pentanone
Concen: 248.081 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

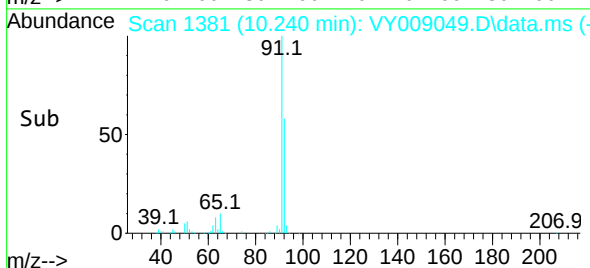
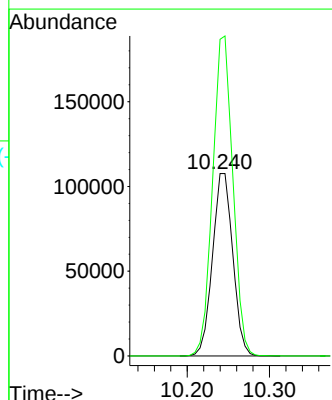
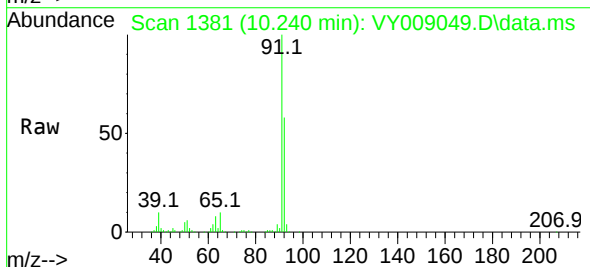
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

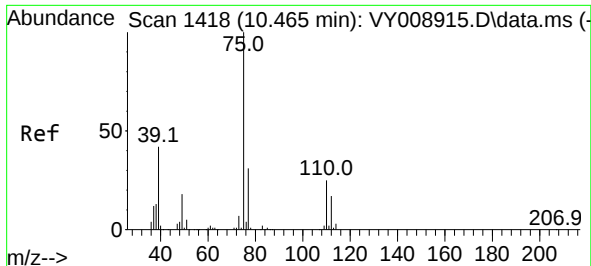
Tgt Ion: 43 Resp: 248627
Ion Ratio Lower Upper
43 100
58 39.9 28.1 42.1



#52
Toluene
Concen: 48.746 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 92 Resp: 184428
Ion Ratio Lower Upper
92 100
91 174.7 142.6 213.8

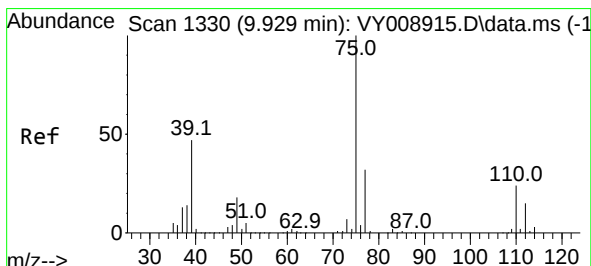
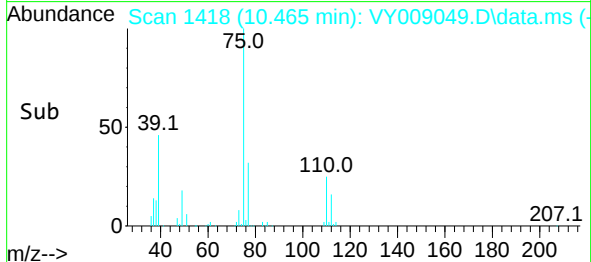
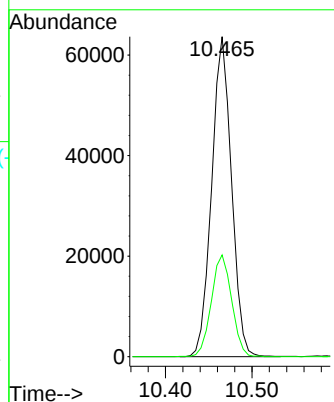
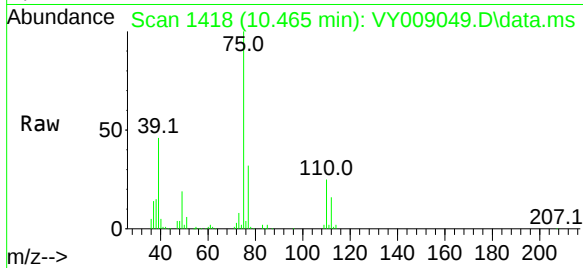




#53
t-1,3-Dichloropropene
Concen: 50.450 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

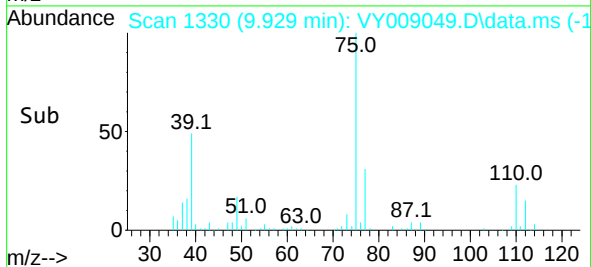
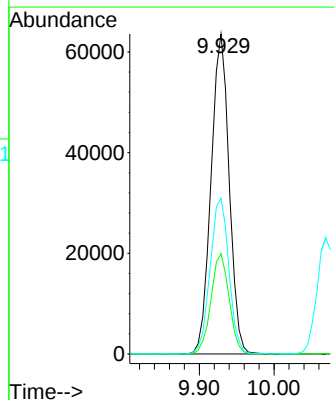
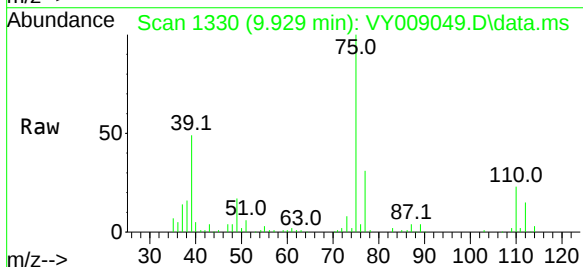
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

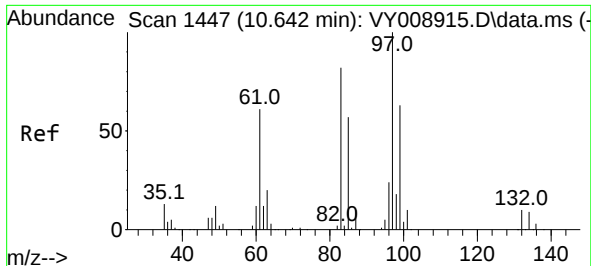
Tgt Ion: 75 Resp: 101206
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 49.639 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 75 Resp: 107052
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4
39 48.6 47.6 71.4

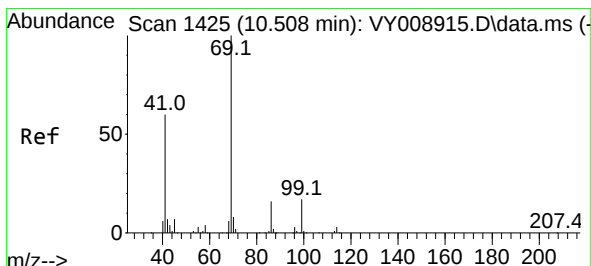
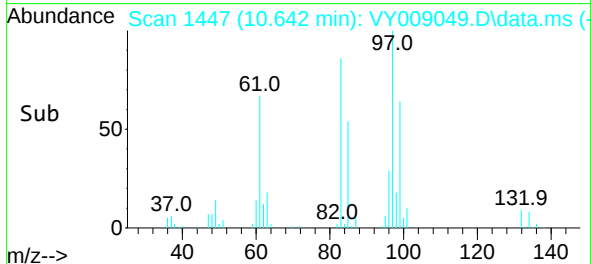
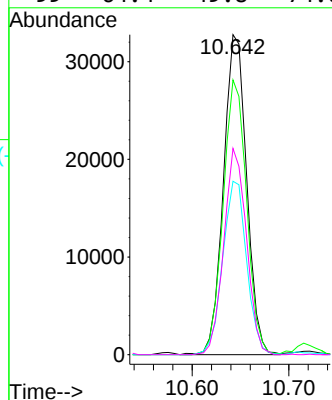
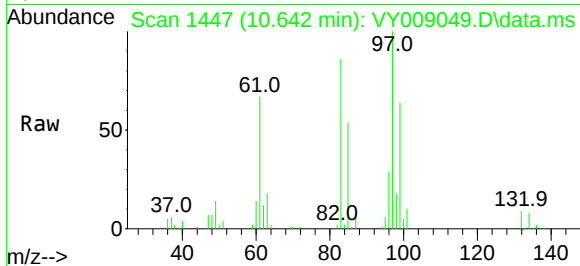




#55
1,1,2-Trichloroethane
Concen: 47.206 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

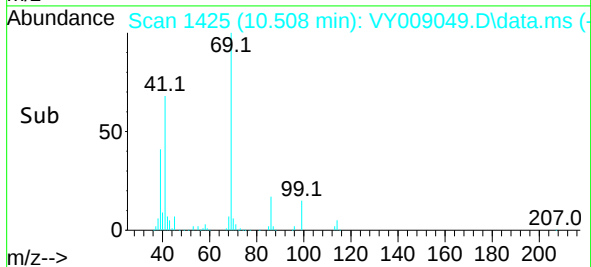
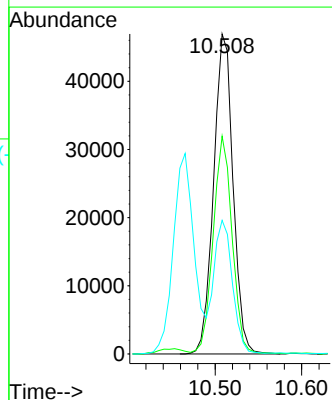
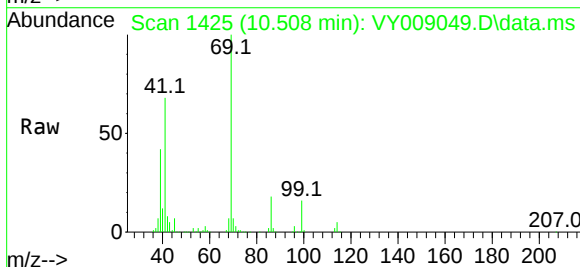
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97	Resp: 54591
Ion Ratio	Lower Upper
97 100	
83 85.8	69.8 104.8
85 54.2	44.3 66.5
99 64.4	49.8 74.6



#56
Ethyl methacrylate
Concen: 49.509 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 69	Resp: 73200
Ion Ratio	Lower Upper
69 100	
41 66.3	63.4 95.0
39 39.3	35.8 53.8





#57

1,3-Dichloropropane

Concen: 49.203 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Instrument :

MSVOA_Y

ClientSampleId :

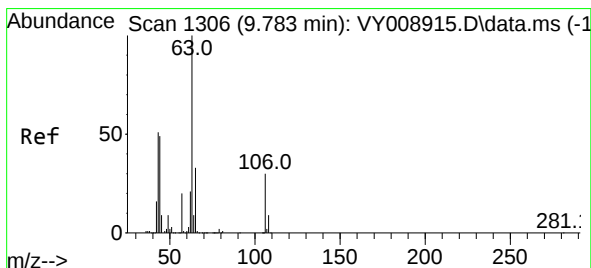
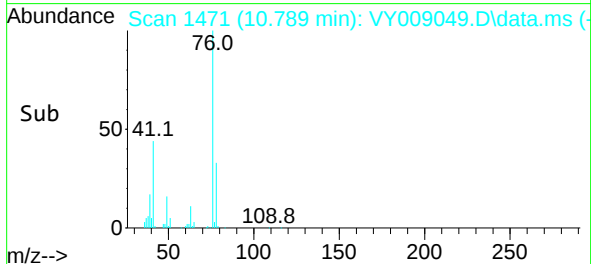
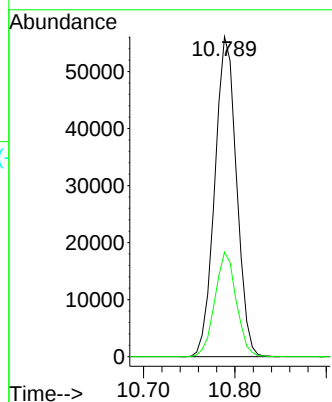
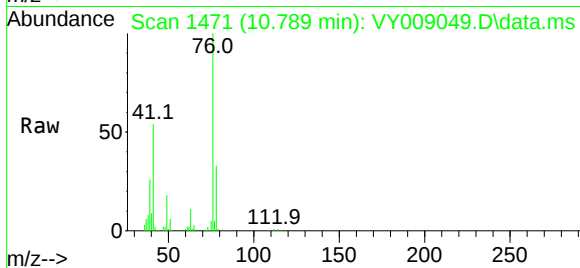
VSTDCCC050

Tgt Ion: 76 Resp: 92818

Ion Ratio Lower Upper

76 100

78 32.2 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 256.181 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY009049.D

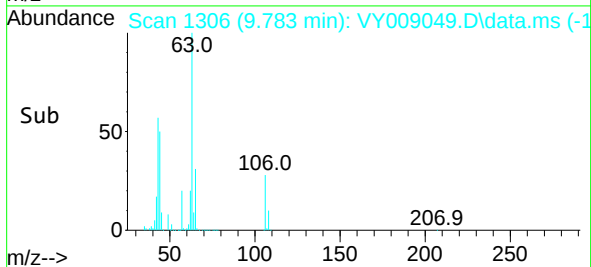
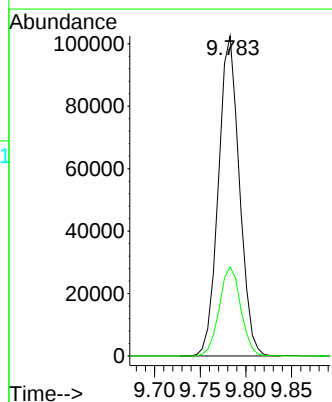
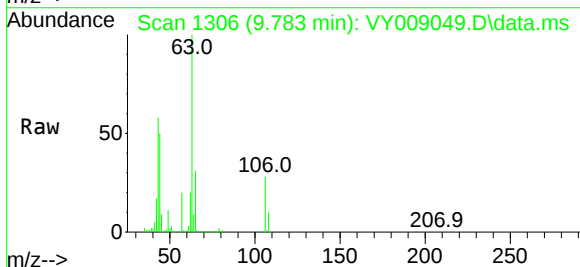
Acq: 24 May 2022 09:50

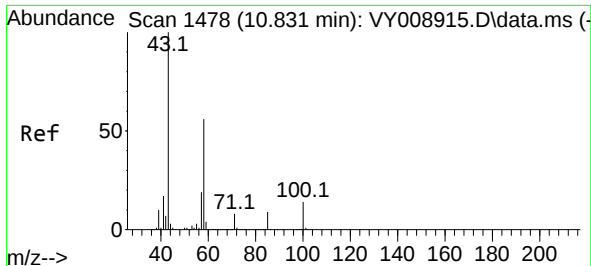
Tgt Ion: 63 Resp: 163865

Ion Ratio Lower Upper

63 100

106 28.5 21.5 32.3





#59

2-Hexanone

Concen: 262.682 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Instrument :

MSVOA_Y

ClientSampleId :

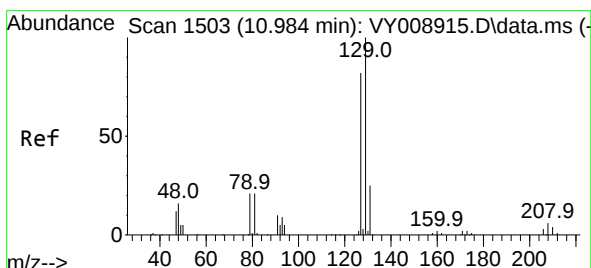
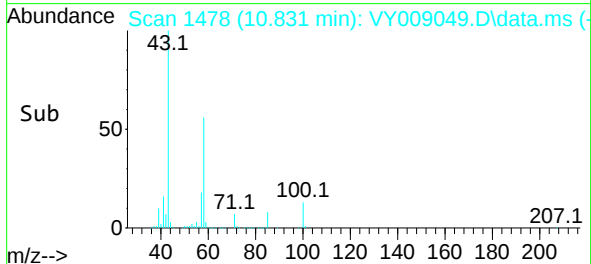
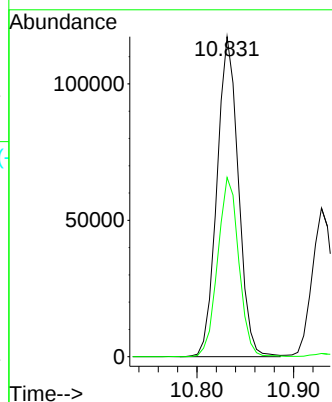
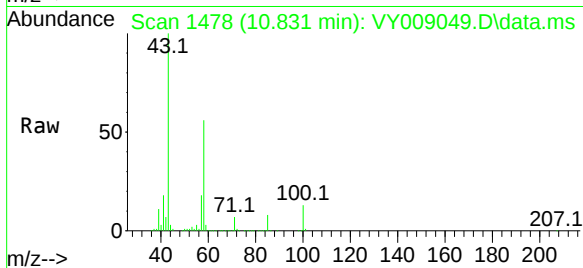
VSTDCCC050

Tgt Ion: 43 Resp: 180247

Ion Ratio Lower Upper

43 100

58 55.2 24.4 73.4



#60

Dibromochloromethane

Concen: 48.228 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY009049.D

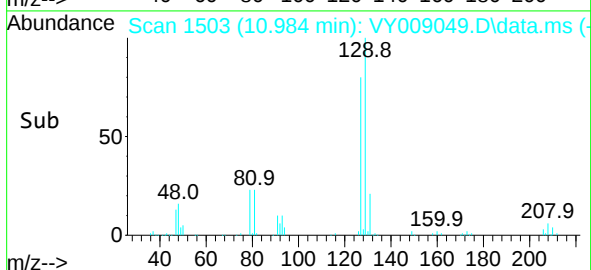
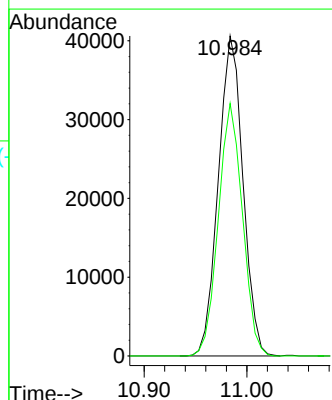
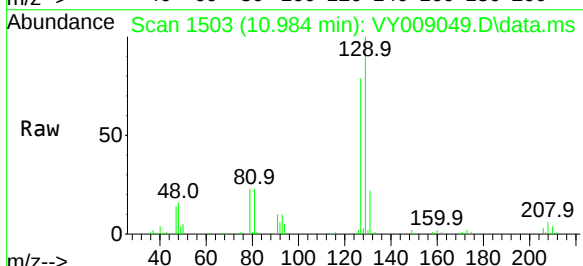
Acq: 24 May 2022 09:50

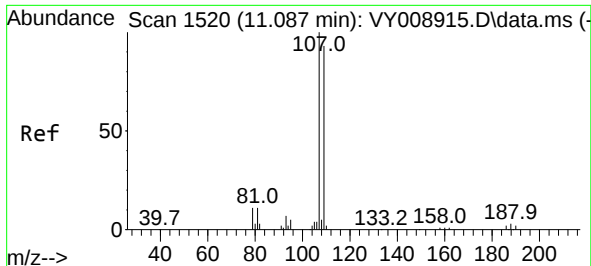
Tgt Ion: 129 Resp: 67609

Ion Ratio Lower Upper

129 100

127 77.3 38.7 116.1

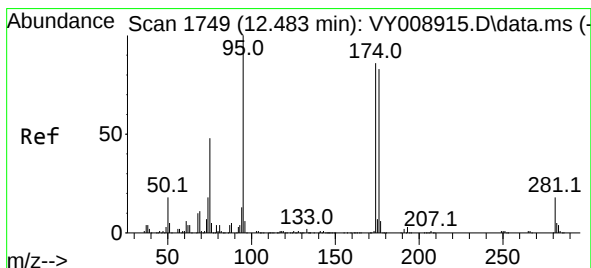
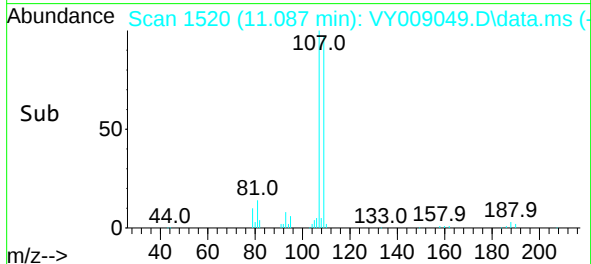
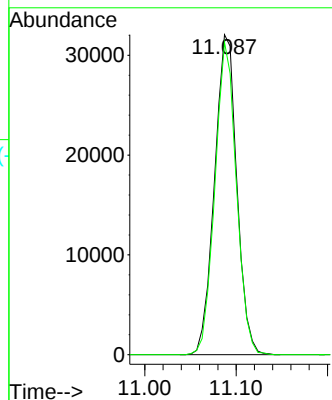
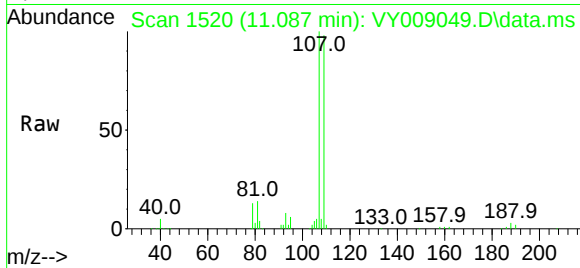




#61
1,2-Dibromoethane
Concen: 47.405 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

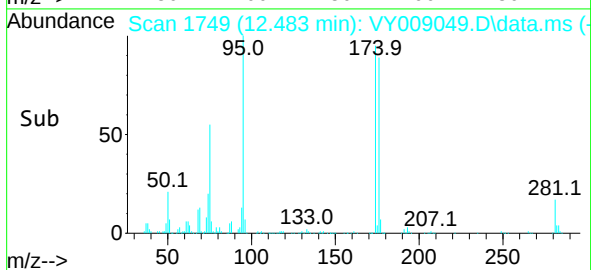
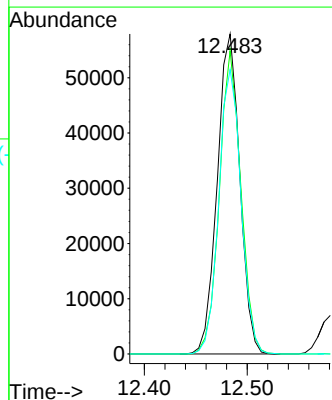
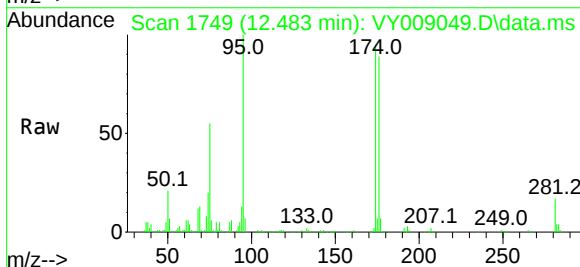
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

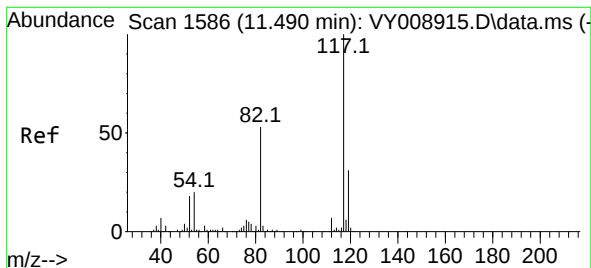
Tgt Ion:107 Resp: 54324
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 53.700 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 95 Resp: 88163
Ion Ratio Lower Upper
95 100
174 90.0 0.0 177.0
176 87.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

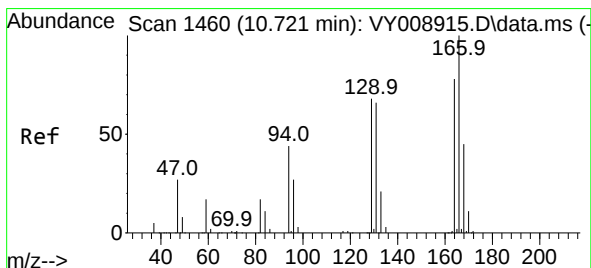
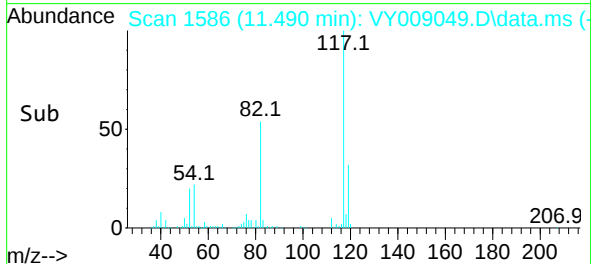
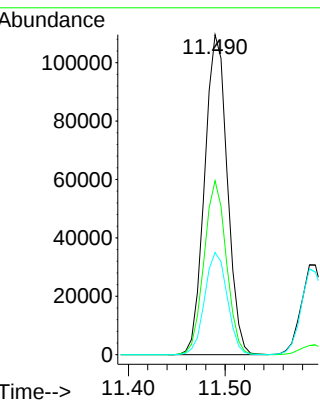
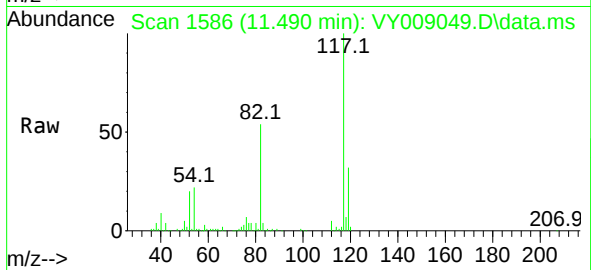
Tgt Ion:117 Resp: 178342

Ion Ratio Lower Upper

117 100

82 54.4 43.0 64.4

119 32.0 25.4 38.0



#64

Tetrachloroethene

Concen: 46.848 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Tgt Ion:164 Resp: 60813

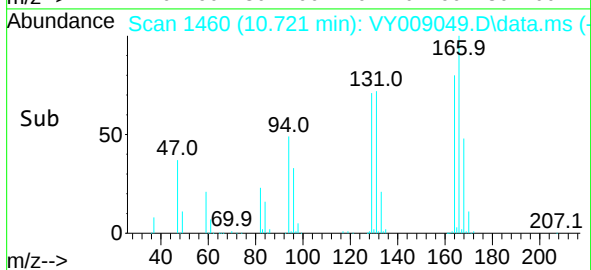
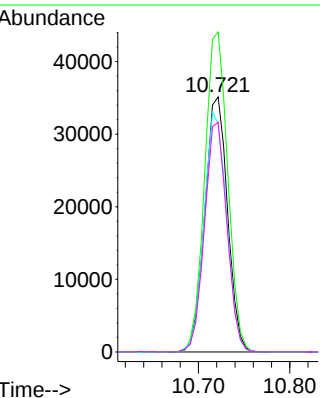
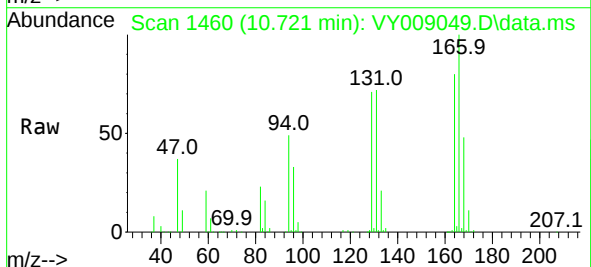
Ion Ratio Lower Upper

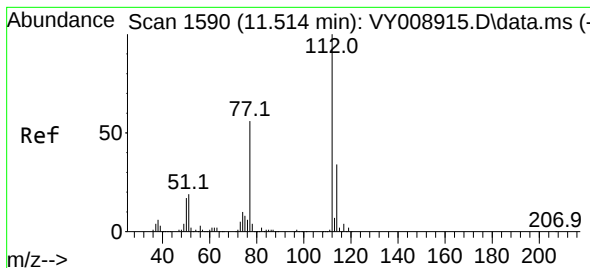
164 100

166 125.5 100.4 150.6

129 89.3 71.4 107.0

131 90.1 70.8 106.2

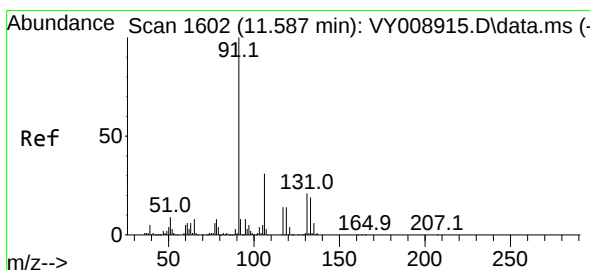
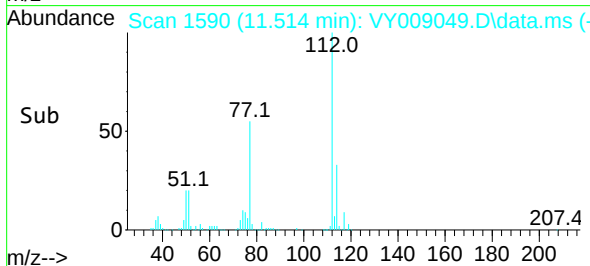
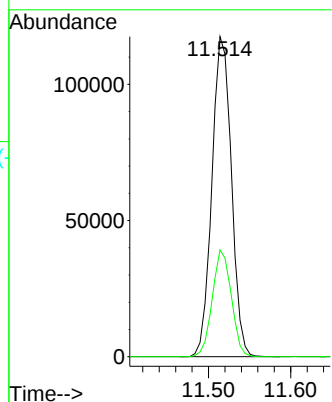
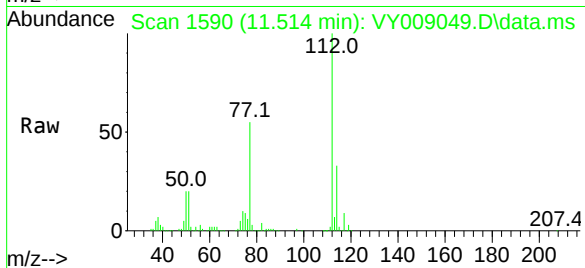




#65
Chlorobenzene
Concen: 47.255 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

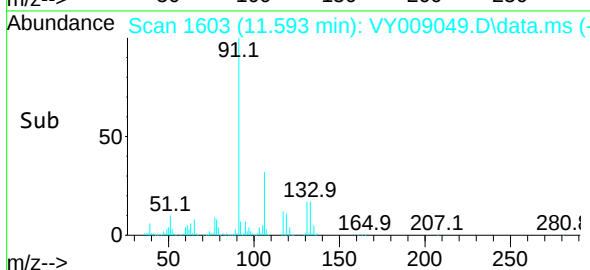
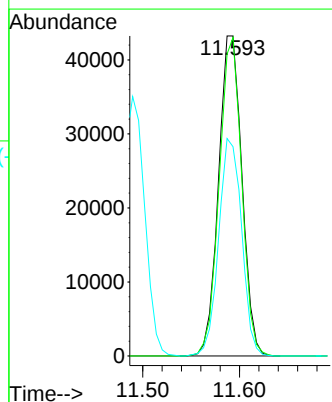
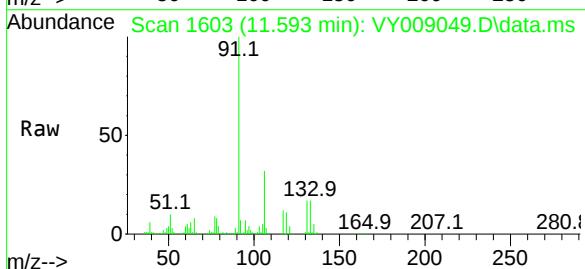
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

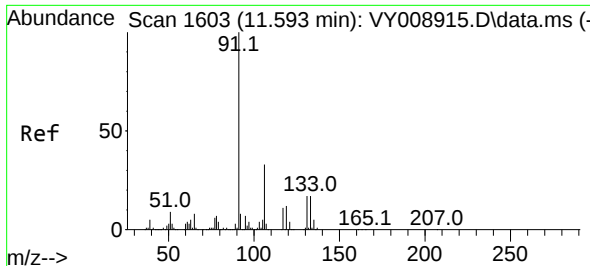
Tgt Ion:112 Resp: 193430
Ion Ratio Lower Upper
112 100
114 33.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.455 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion:131 Resp: 72627
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 66.7 30.8 92.3

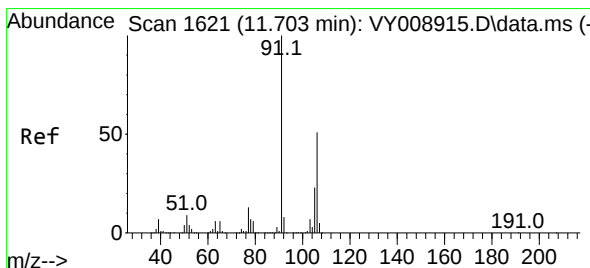
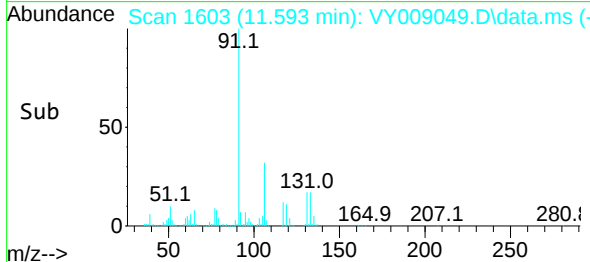
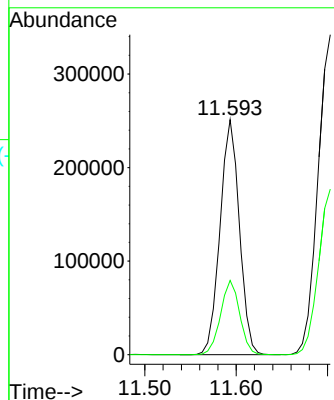
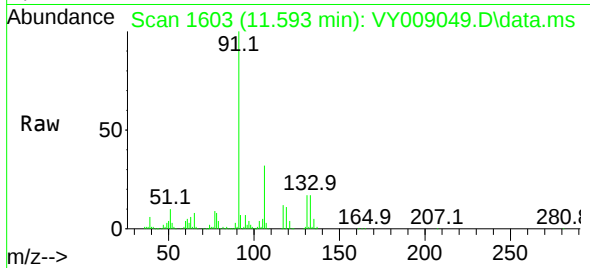




#67
Ethyl Benzene
Concen: 50.108 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

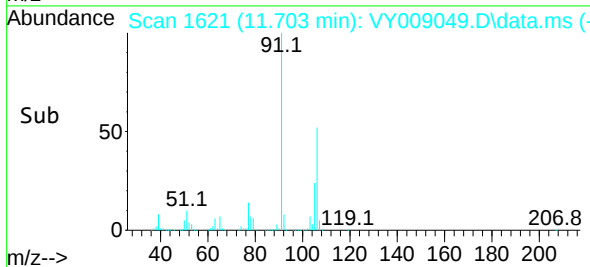
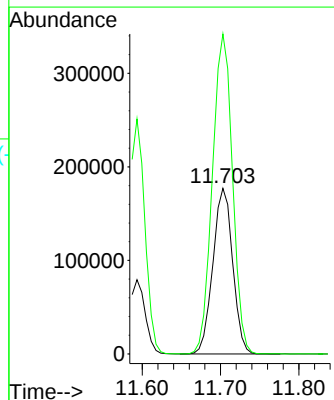
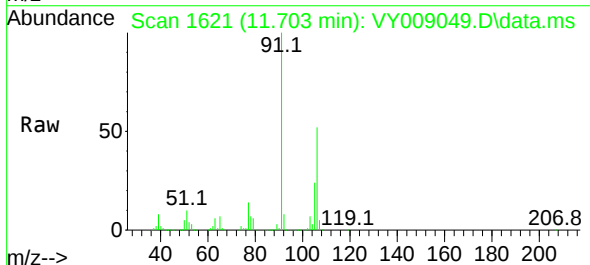
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

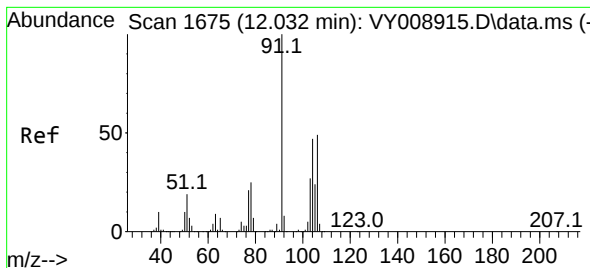
Tgt Ion: 91 Resp: 369637
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7



#68
m/p-Xylenes
Concen: 103.617 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 106 Resp: 310292
Ion Ratio Lower Upper
106 100
91 195.9 166.6 249.8

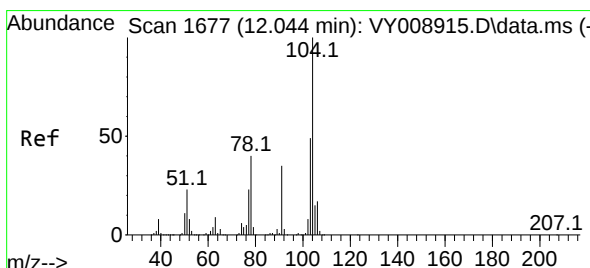
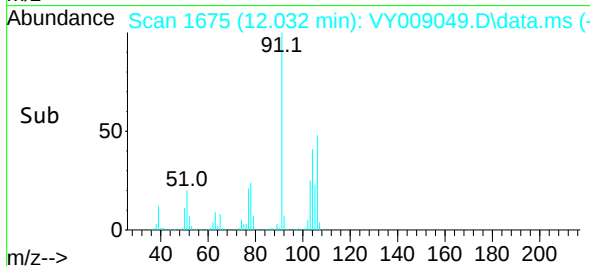
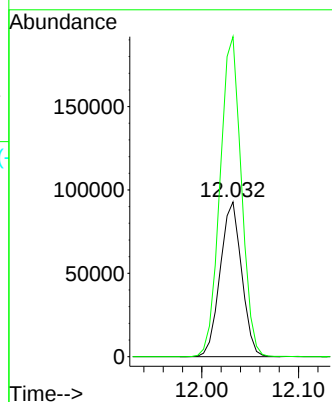
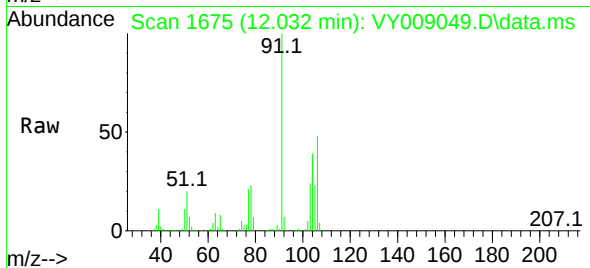




#69
o-Xylene
Concen: 51.345 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

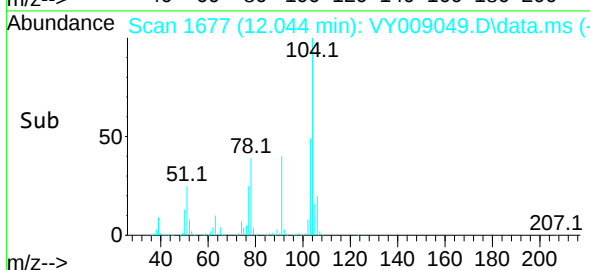
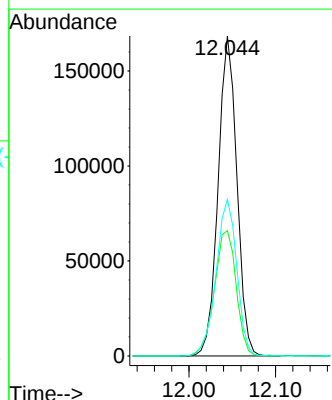
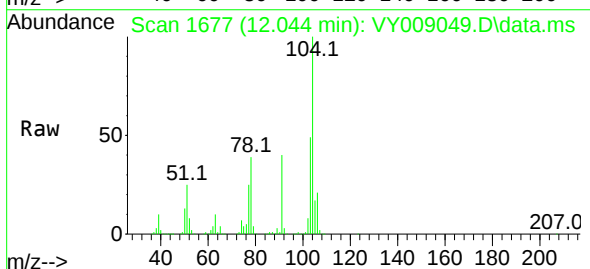
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

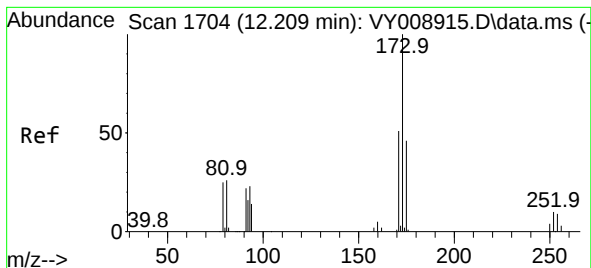
Tgt Ion:106 Resp: 142783
Ion Ratio Lower Upper
106 100
91 205.8 110.3 331.0



#70
Styrene
Concen: 53.027 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion:104 Resp: 253592
Ion Ratio Lower Upper
104 100
78 45.5 42.4 63.6
103 54.1 44.4 66.6





#71

Bromoform

Concen: 49.358 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

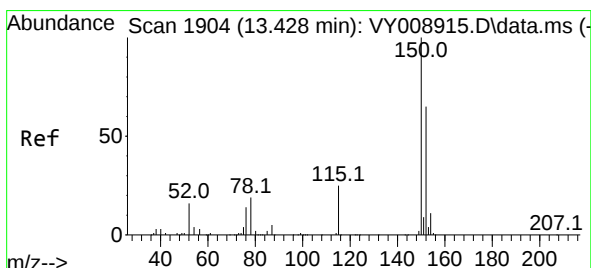
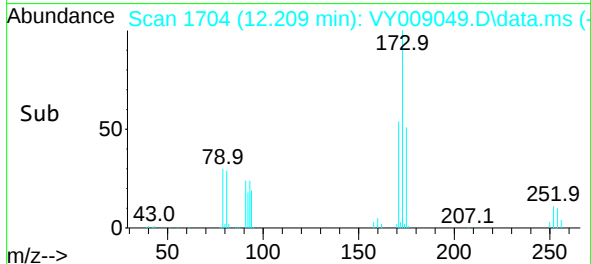
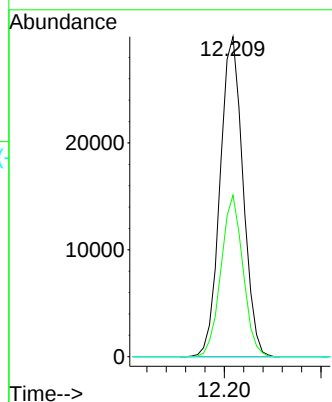
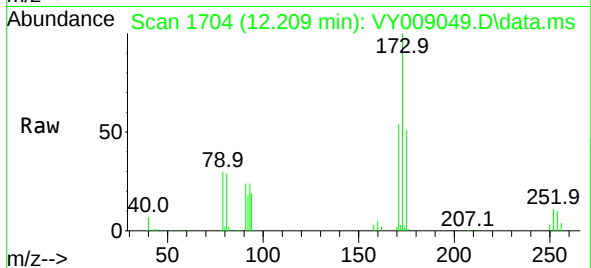
Tgt Ion:173 Resp: 49042

Ion Ratio Lower Upper

173 100

175 48.4 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

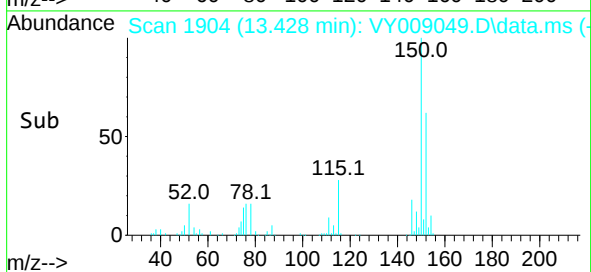
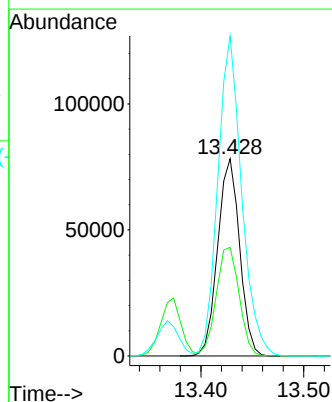
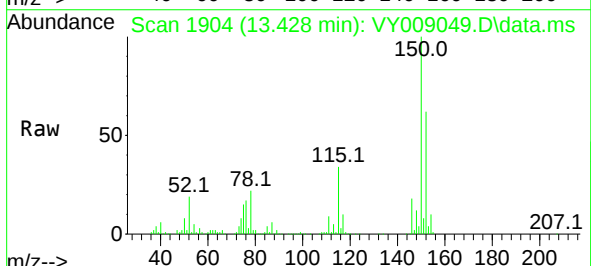
Tgt Ion:152 Resp: 115969

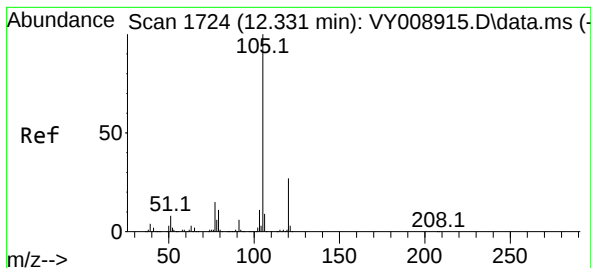
Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 175.9 0.0 347.6





#73

Isopropylbenzene

Concen: 45.161 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Instrument :

MSVOA_Y

ClientSampleId :

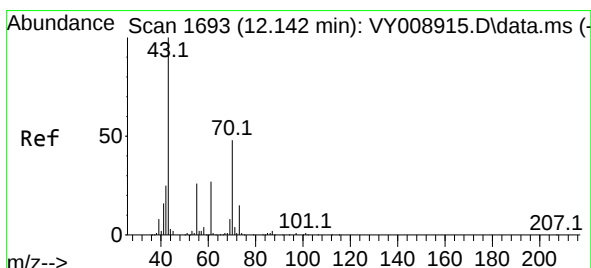
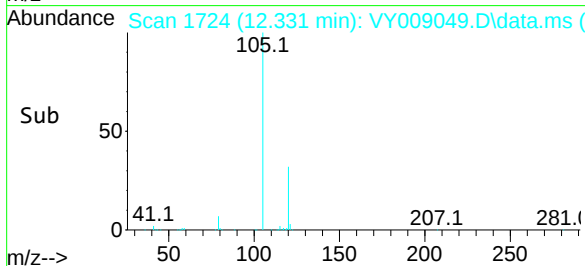
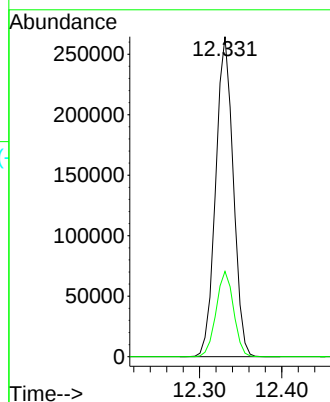
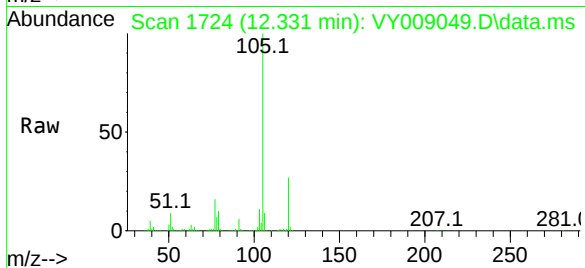
VSTDCCC050

Tgt Ion:105 Resp: 391612

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 48.662 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Tgt Ion: 43 Resp: 97358

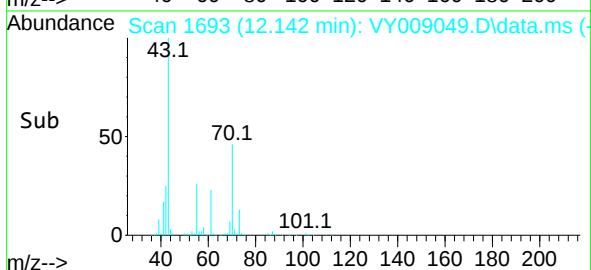
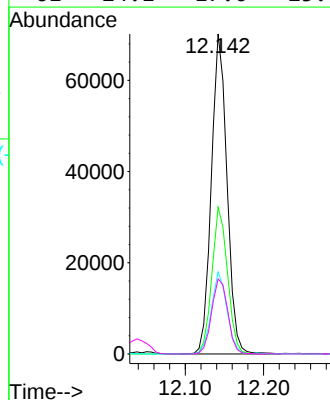
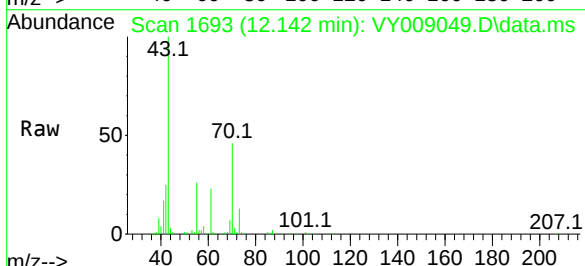
Ion Ratio Lower Upper

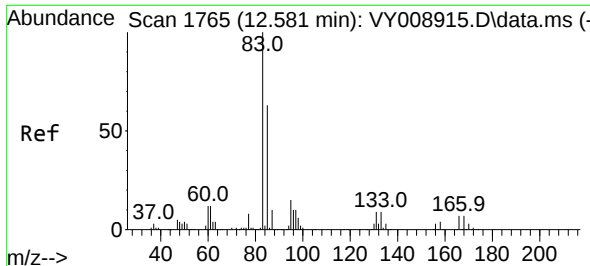
43 100

70 45.8 28.7 43.1#

55 25.5 17.3 25.9

61 24.1 17.0 25.6

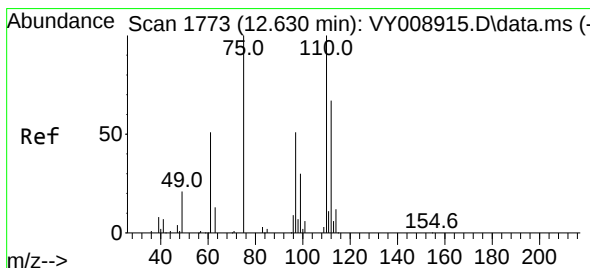
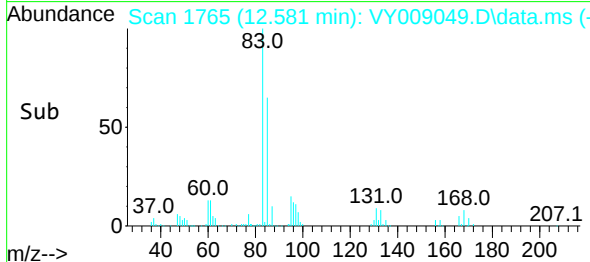
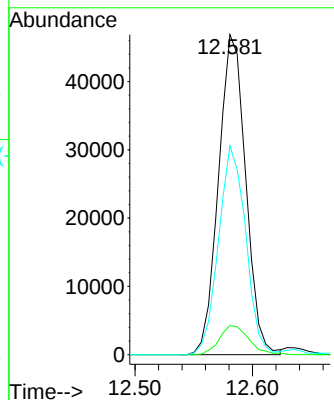
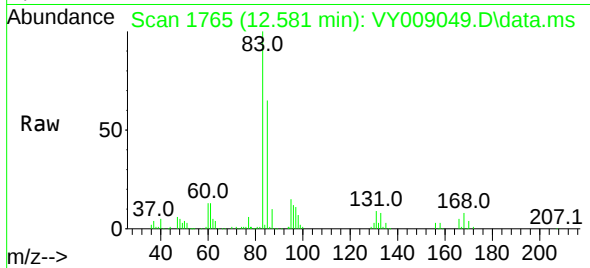




#75
 1,1,2,2-Tetrachloroethane
 Concen: 42.183 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY009049.D
 Acq: 24 May 2022 09:50

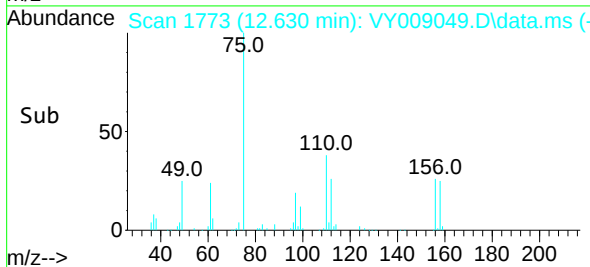
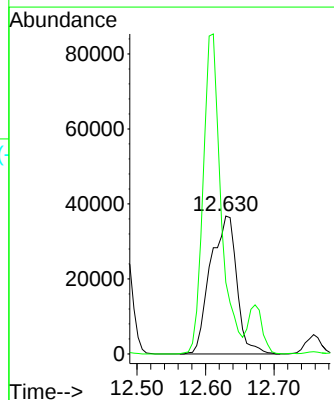
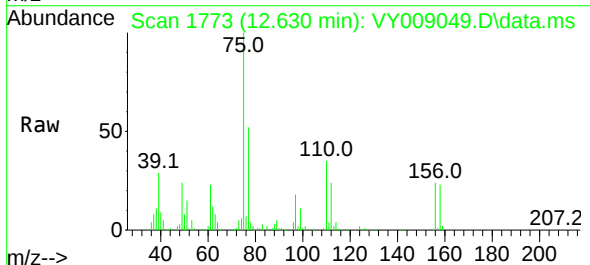
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

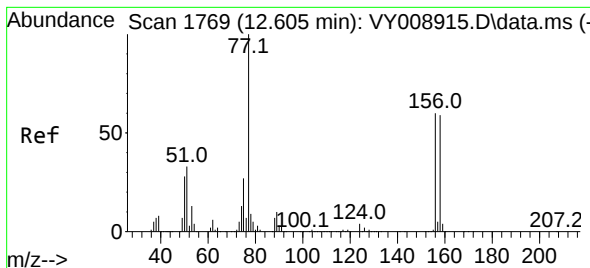
Tgt Ion: 83 Resp: 75352
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.6 16.8
 85 65.2 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 78.761 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY009049.D
 Acq: 24 May 2022 09:50

Tgt Ion: 75 Resp: 98086
 Ion Ratio Lower Upper
 75 100
 77 158.3 0.0 0.0#





#77

Bromobenzene

Concen: 42.664 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

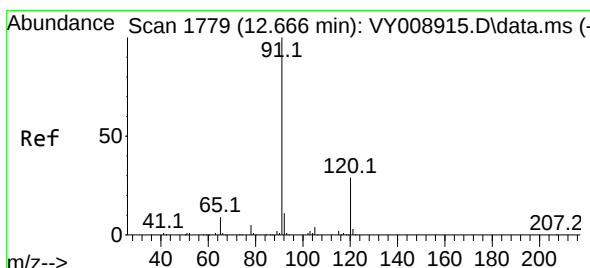
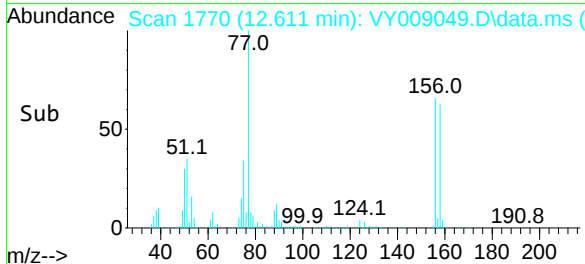
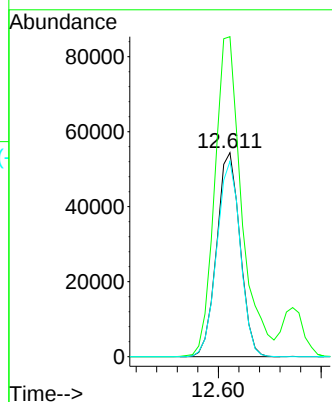
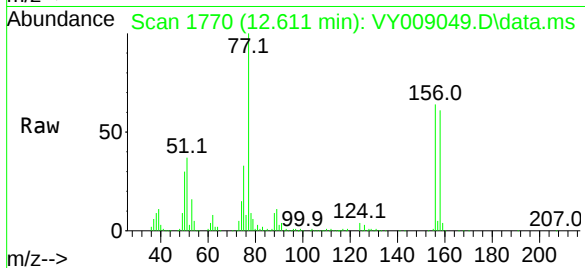
Tgt Ion:156 Resp: 85760

Ion Ratio Lower Upper

156 100

77 181.1 95.5 286.4

158 96.4 48.0 144.0



#78

n-propylbenzene

Concen: 49.561 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY009049.D

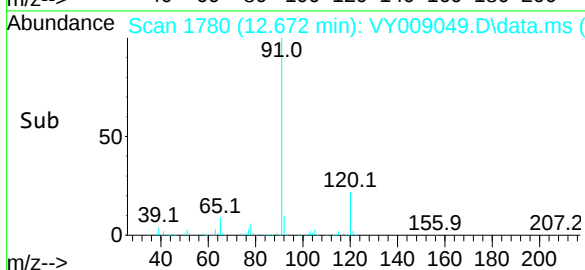
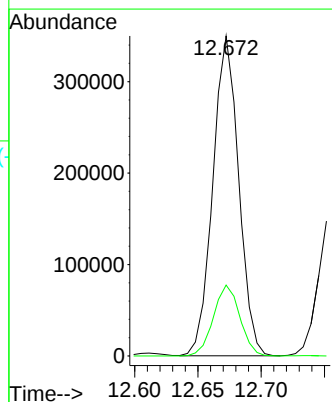
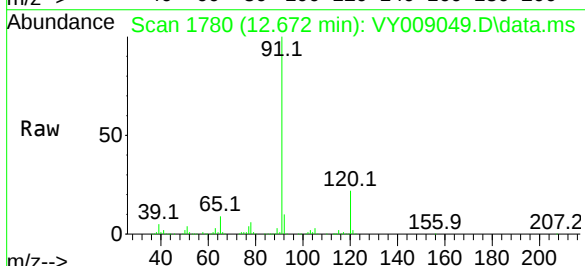
Acq: 24 May 2022 09:50

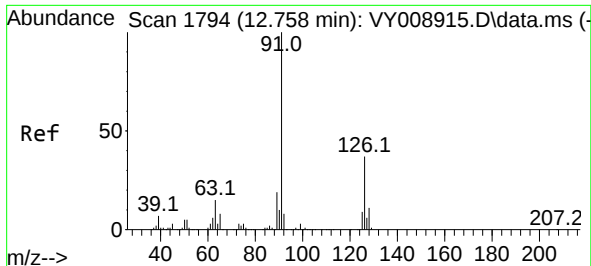
Tgt Ion: 91 Resp: 496531

Ion Ratio Lower Upper

91 100

120 22.7 11.3 33.9

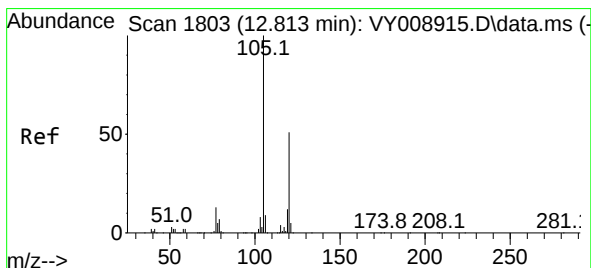
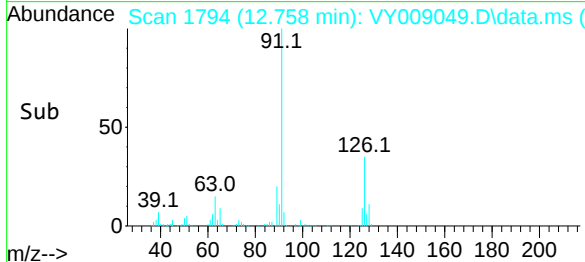
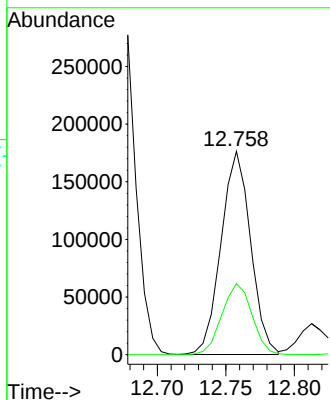
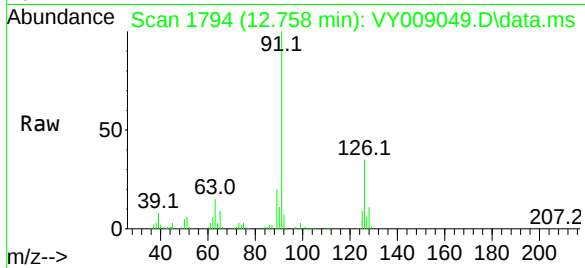




#79
2-Chlorotoluene
Concen: 45.813 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

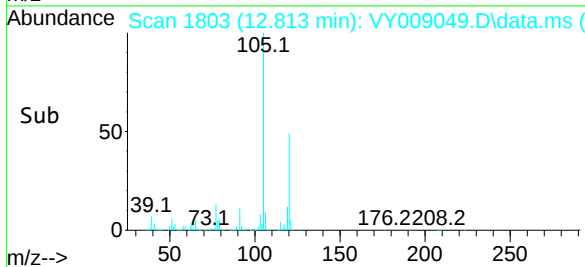
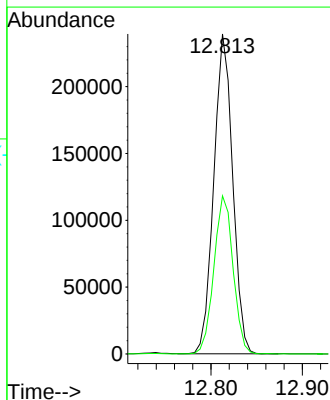
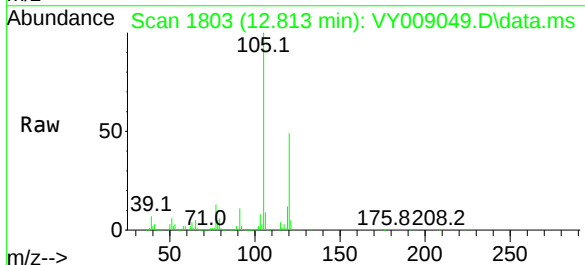
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

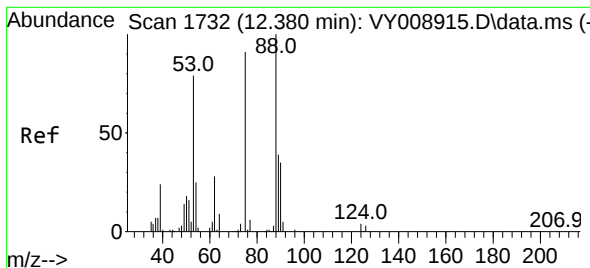
Tgt Ion: 91 Resp: 264753
Ion Ratio Lower Upper
91 100
126 35.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 47.232 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 105 Resp: 343292
Ion Ratio Lower Upper
105 100
120 50.3 24.4 73.4

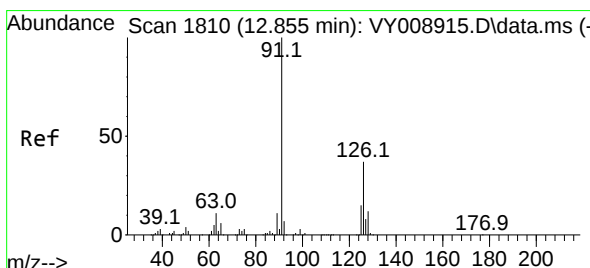
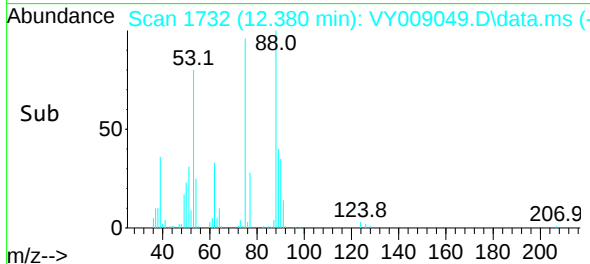
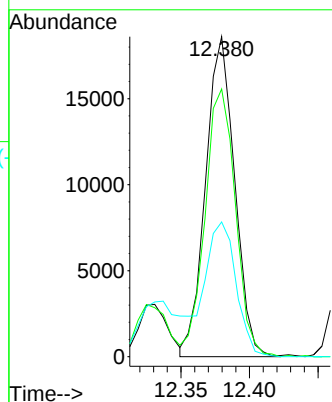
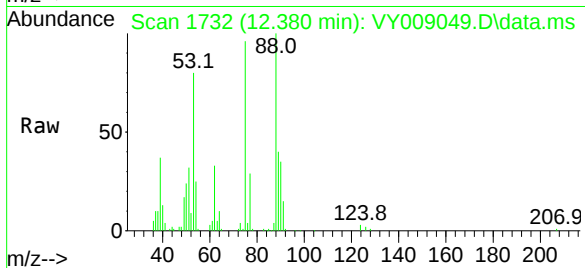




#81
trans-1,4-Dichloro-2-butene
Concen: 45.214 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

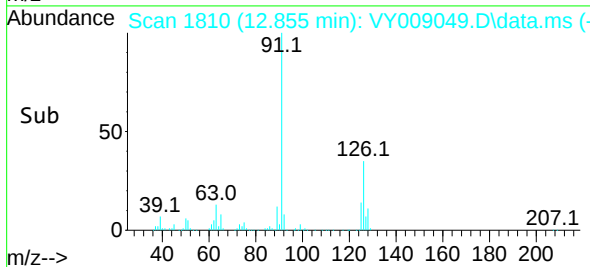
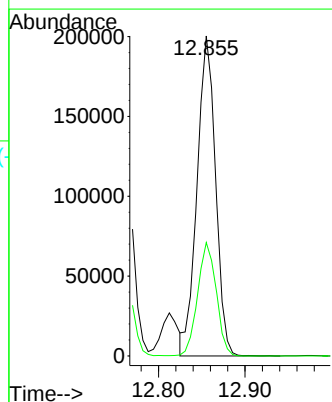
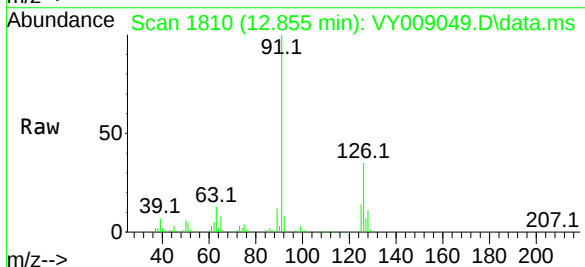
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

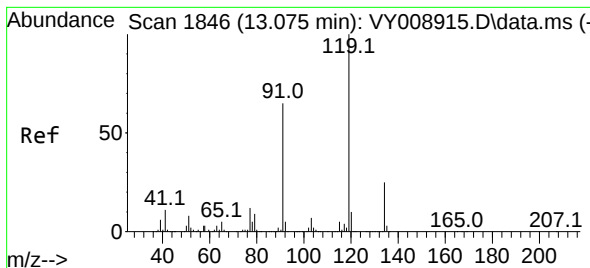
Tgt Ion: 75 Resp: 27434
Ion Ratio Lower Upper
75 100
53 87.6 85.3 127.9
89 45.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 48.030 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 91 Resp: 296878
Ion Ratio Lower Upper
91 100
126 35.7 17.0 51.0

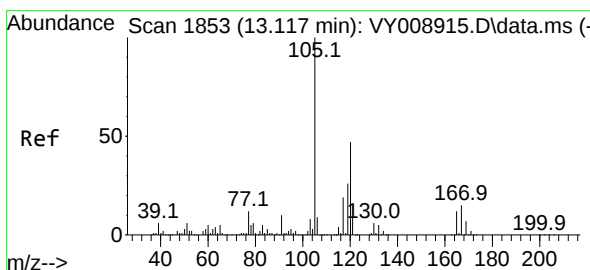
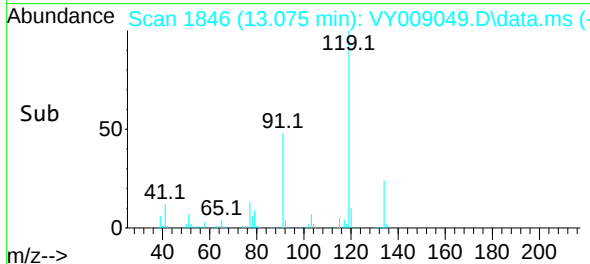
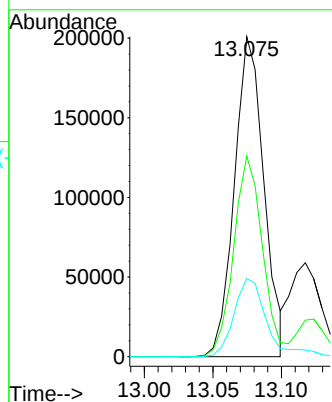
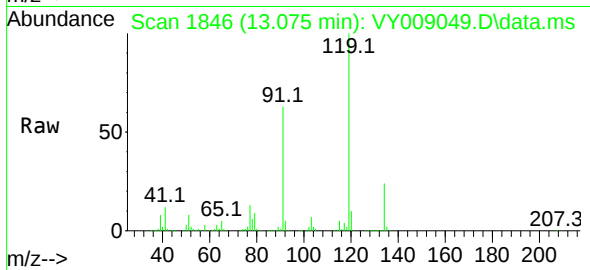




#83
tert-Butylbenzene
Concen: 46.599 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

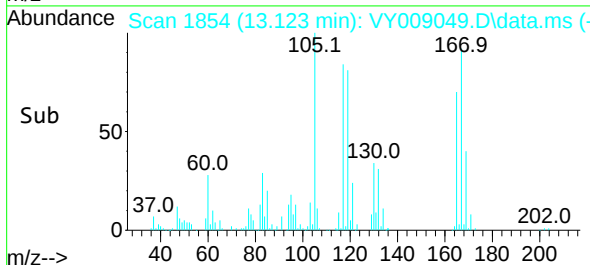
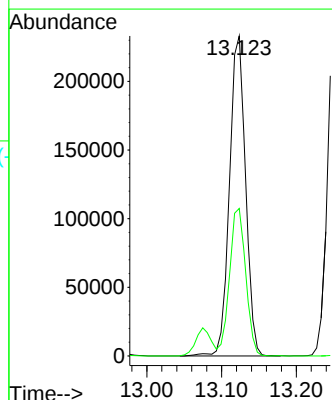
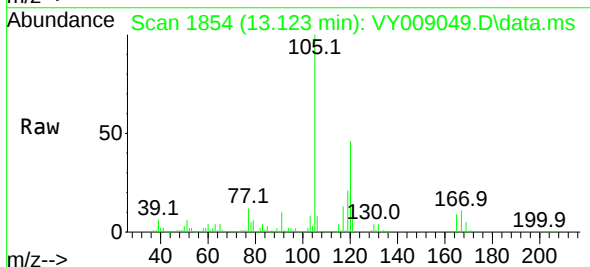
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

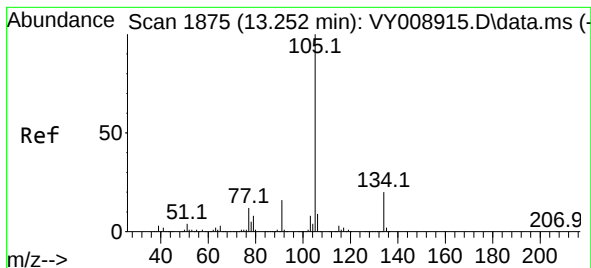
Tgt Ion:119 Resp: 300484
Ion Ratio Lower Upper
119 100
91 61.8 34.8 104.4
134 27.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 48.372 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion:105 Resp: 349019
Ion Ratio Lower Upper
105 100
120 46.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 48.627 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Instrument :

MSVOA_Y

ClientSampleId :

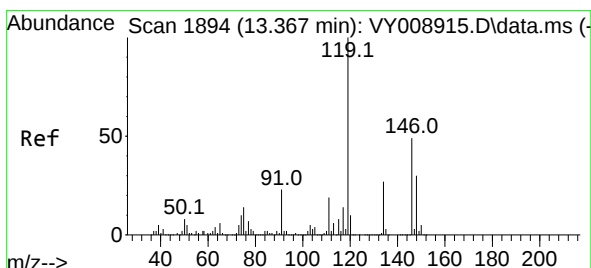
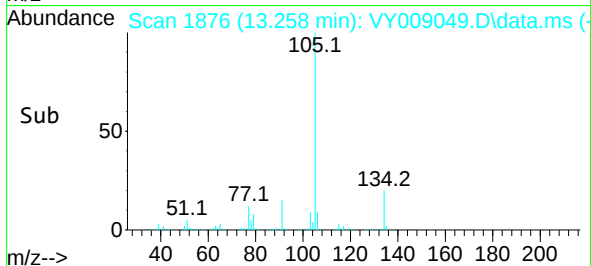
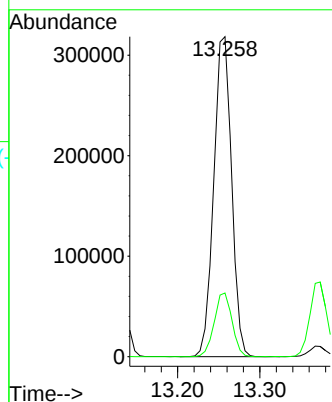
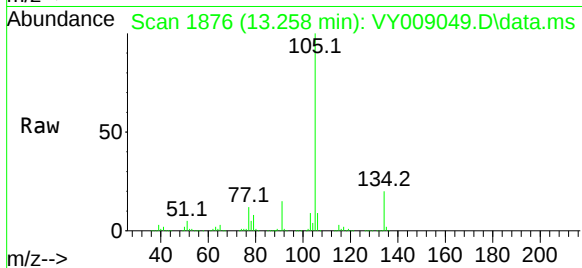
VSTDCCC050

Tgt Ion:105 Resp: 479748

Ion Ratio Lower Upper

105 100

134 19.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 49.410 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

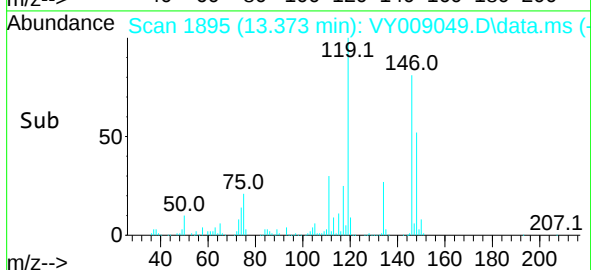
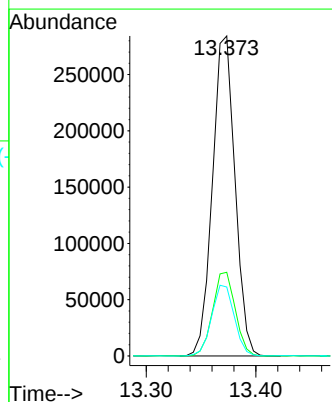
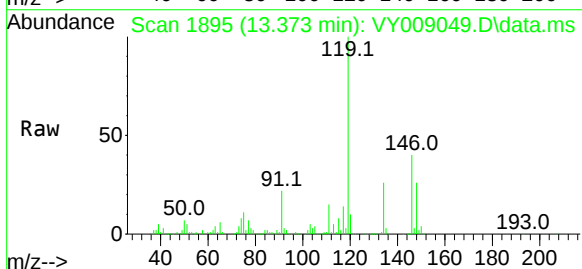
Tgt Ion:119 Resp: 406507

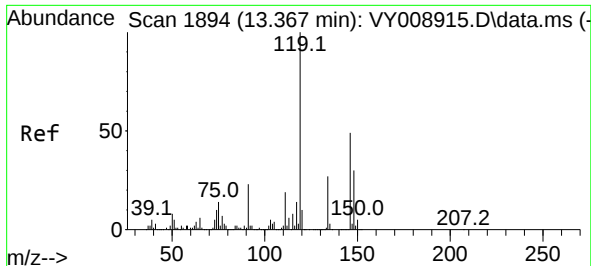
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 22.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.969 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

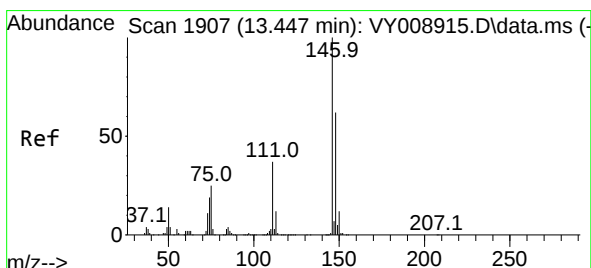
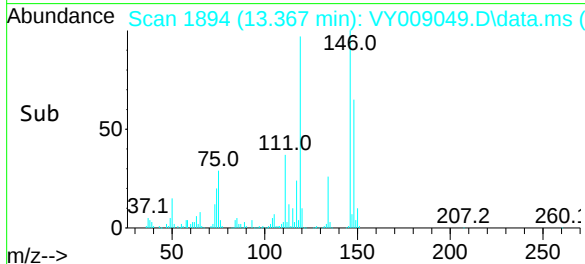
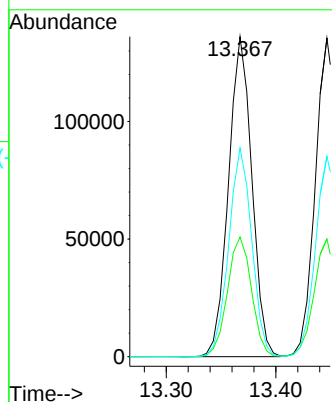
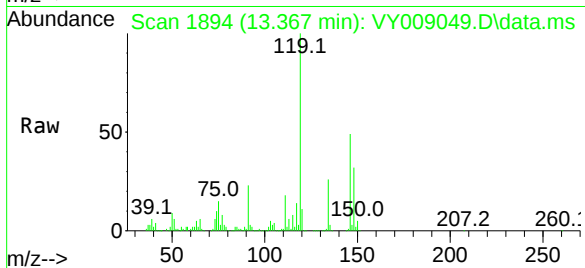
Tgt Ion:146 Resp: 201400

Ion Ratio Lower Upper

146 100

111 38.5 19.5 58.5

148 64.4 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 46.943 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

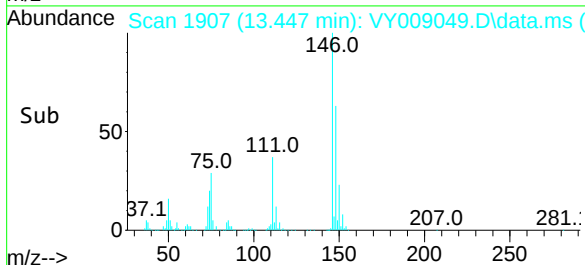
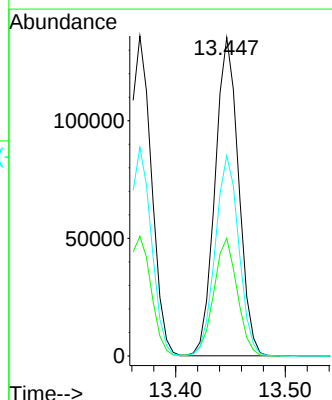
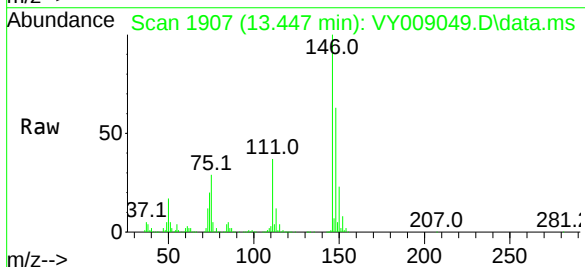
Tgt Ion:146 Resp: 202228

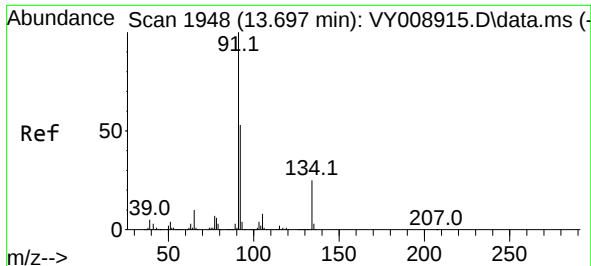
Ion Ratio Lower Upper

146 100

111 37.0 19.3 57.8

148 63.2 32.6 97.8

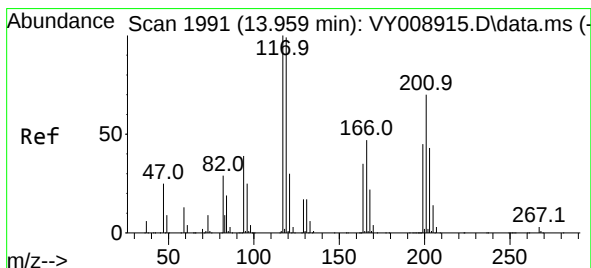
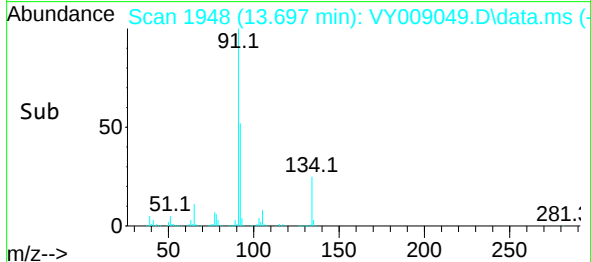
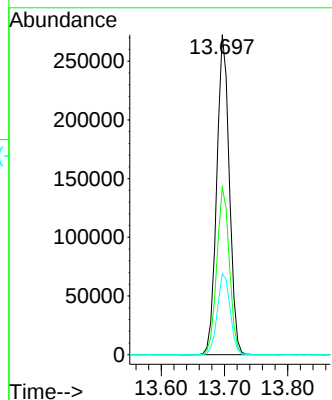
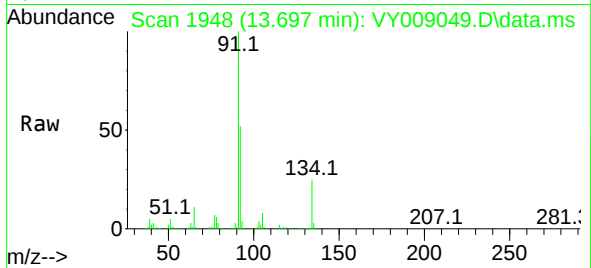




#89
n-Butylbenzene
Concen: 49.993 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

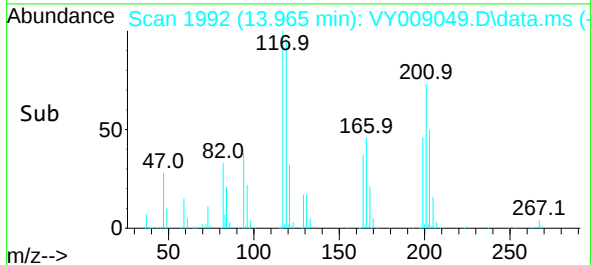
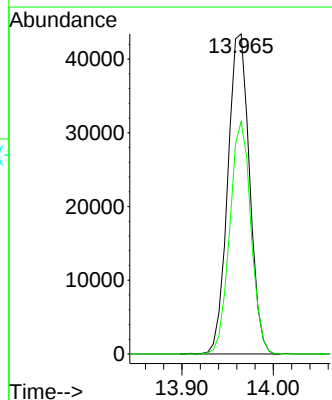
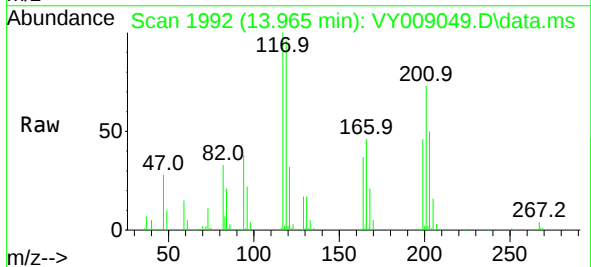
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

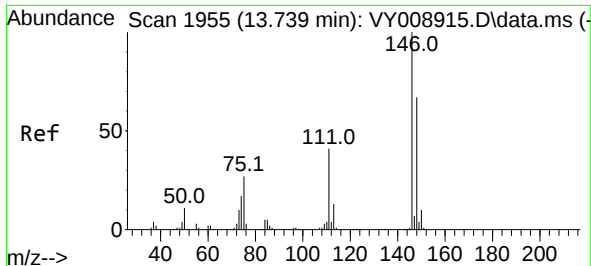
Tgt Ion: 91 Resp: 376286
Ion Ratio Lower Upper
91 100
92 52.4 26.3 78.9
134 25.6 13.0 38.9



#90
Hexachloroethane
Concen: 46.575 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY009049.D
Acq: 24 May 2022 09:50

Tgt Ion: 117 Resp: 71809
Ion Ratio Lower Upper
117 100
201 70.6 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 46.254 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

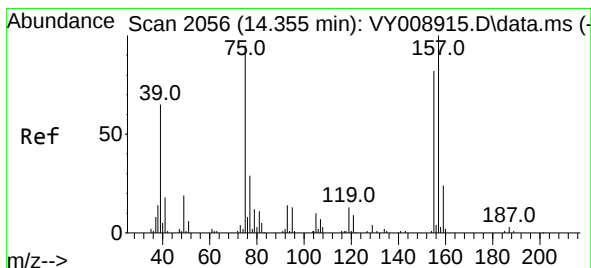
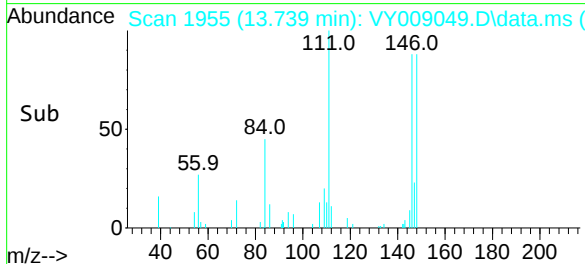
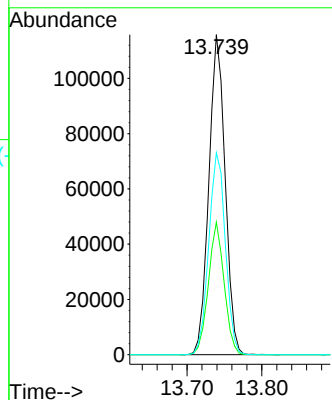
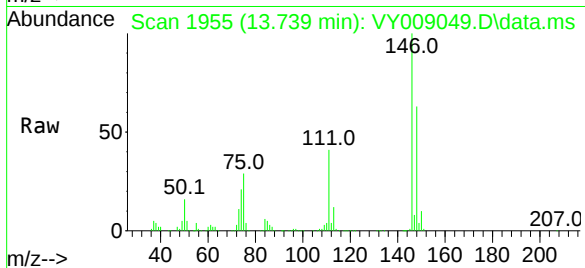
Tgt Ion:146 Resp: 175077

Ion Ratio Lower Upper

146 100

111 40.1 20.3 60.9

148 64.4 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.289 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

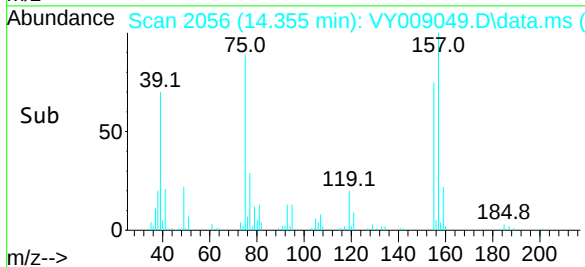
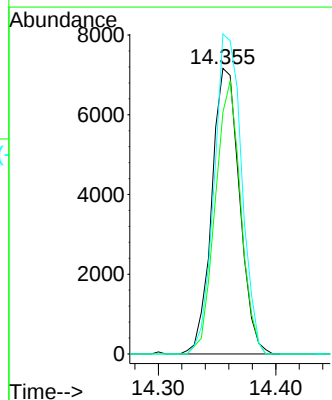
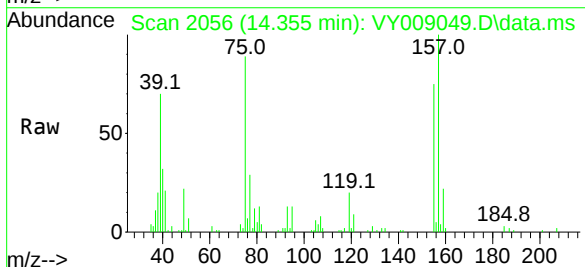
Tgt Ion: 75 Resp: 11728

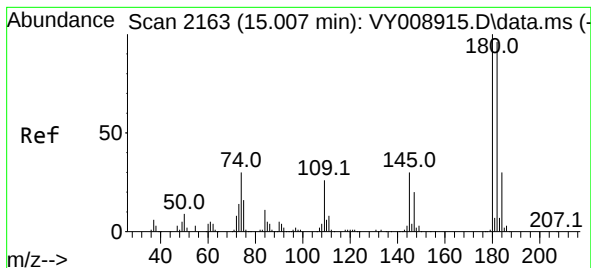
Ion Ratio Lower Upper

75 100

155 87.5 38.0 113.9

157 110.9 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 43.473 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

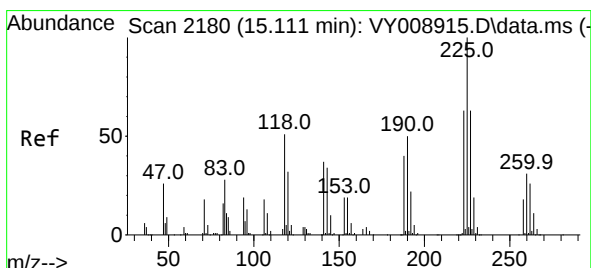
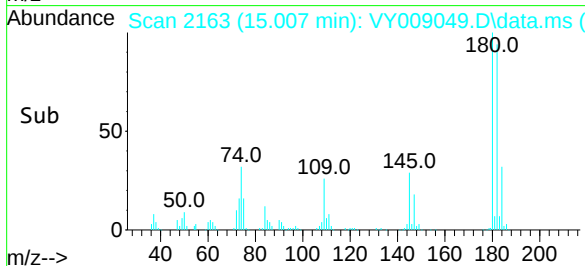
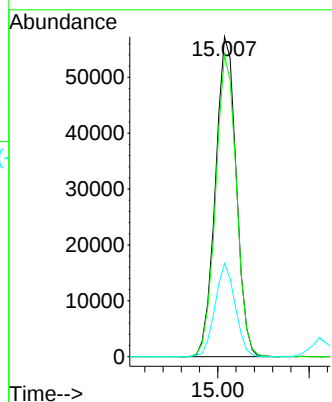
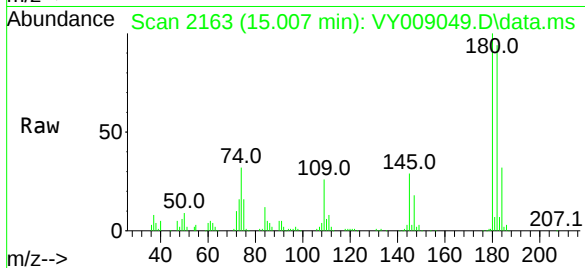
Tgt Ion:180 Resp: 90308

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.9

145 28.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 43.340 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

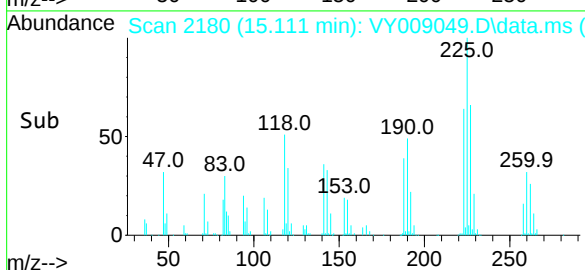
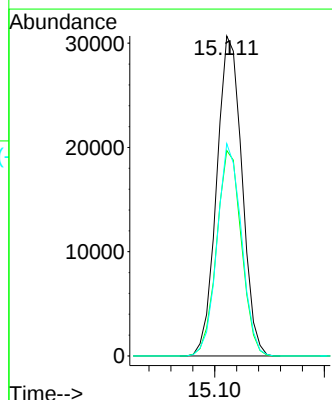
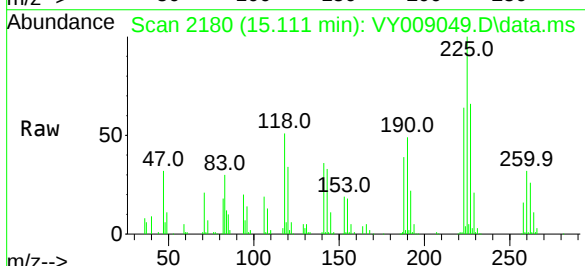
Tgt Ion:225 Resp: 49070

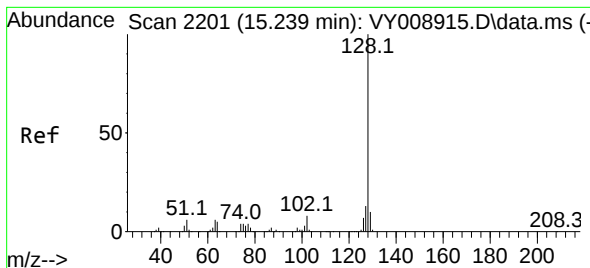
Ion Ratio Lower Upper

225 100

223 63.1 30.8 92.3

227 64.0 31.6 94.7





#95

Naphthalene

Concen: 42.964 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

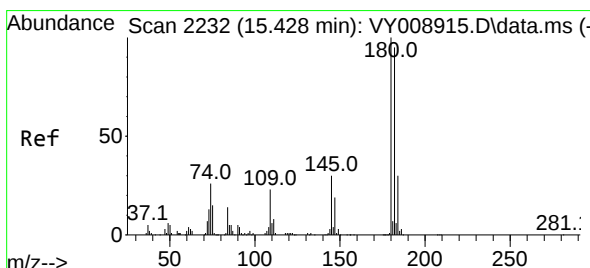
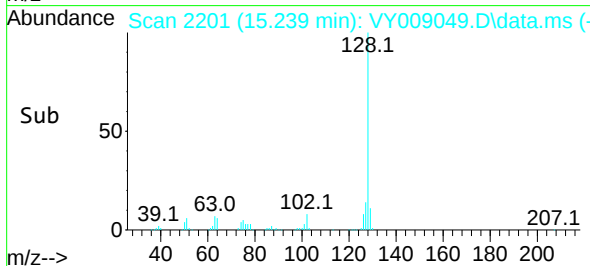
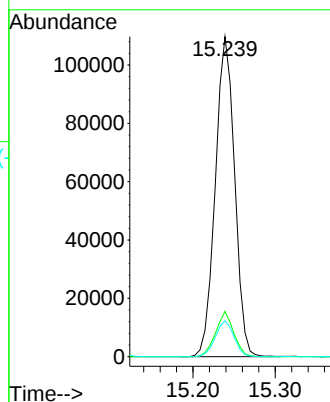
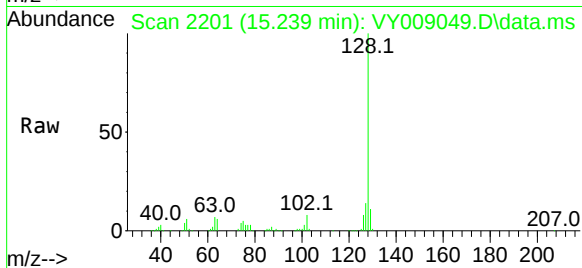
Tgt Ion:128 Resp: 179293

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 43.293 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY009049.D

Acq: 24 May 2022 09:50

Tgt Ion:180 Resp: 78151

Ion Ratio Lower Upper

180 100

182 93.5 47.3 141.9

145 30.6 15.3 45.9

