

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007943.D
 Acq On : 21 Mar 2022 09:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 21 19:02:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	255971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	430540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	386051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	186571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	150074	51.421	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.840%	
35) Dibromofluoromethane	7.716	113	161718	53.484	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.960%	
50) Toluene-d8	10.179	98	550735	61.685	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.380%	
62) 4-Bromofluorobenzene	12.483	95	213599	49.222	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.440%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	85266	51.291	ug/l	99
3) Chloromethane	2.119	50	115668	56.900	ug/l	96
4) Vinyl Chloride	2.253	62	142807	55.565	ug/l	98
5) Bromomethane	2.650	94	105462	62.831	ug/l	99
6) Chloroethane	2.796	64	101815	48.638	ug/l	96
7) Trichlorofluoromethane	3.131	101	229689	48.941	ug/l	94
8) Diethyl Ether	3.534	74	84131	48.302	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.906	101	152875	50.432	ug/l	91
10) Methyl Iodide	4.095	142	139150	49.661	ug/l	90
11) Tert butyl alcohol	4.954	59	84539	248.640	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	131100	47.167	ug/l	86
13) Acrolein	3.735	56	20192	98.600	ug/l	99
14) Allyl chloride	4.485	41	222937	47.686	ug/l #	93
15) Acrylonitrile	5.161	53	232884	250.886	ug/l	97
16) Acetone	3.948	43	206739	267.020	ug/l #	89
17) Carbon Disulfide	4.198	76	273773	51.861	ug/l	100
18) Methyl Acetate	4.479	43	94311	51.333	ug/l #	87
19) Methyl tert-butyl Ether	5.222	73	451462	51.781	ug/l	94
20) Methylene Chloride	4.716	84	156983	52.500	ug/l	86
21) trans-1,2-Dichloroethene	5.222	96	148529	47.733	ug/l #	82
22) Diisopropyl ether	6.119	45	519229	51.624	ug/l #	94
23) Vinyl Acetate	6.058	43	1676488	266.126	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	288483	50.922	ug/l	99
25) 2-Butanone	6.984	43	306039	246.773	ug/l #	86
26) 2,2-Dichloropropane	6.984	77	275047	52.383	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	189695	50.789	ug/l	87
28) Bromochloromethane	7.332	49	112553	50.299	ug/l	84
29) Tetrahydrofuran	7.350	42	190257	239.429	ug/l #	85
30) Chloroform	7.509	83	311667	53.225	ug/l	100
31) Cyclohexane	7.783	56	227064	53.879	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	268921	50.989	ug/l	96
36) 1,1-Dichloropropene	7.917	75	208994	46.602	ug/l	96
37) Ethyl Acetate	7.076	43	130184	47.575	ug/l #	94
38) Carbon Tetrachloride	7.899	117	238770	49.825	ug/l	97
39) Methylcyclohexane	9.185	83	260755	52.665	ug/l	89
40) Benzene	8.161	78	628813	47.982	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	177594	105.235	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	191284	50.412	ug/l	92
43) Isopropyl Acetate	8.271	43	254454	48.234	ug/l #	91
44) Trichloroethene	8.941	130	176737	48.771	ug/l	99
45) 1,2-Dichloropropane	9.216	63	167439	49.343	ug/l	94
46) Dibromomethane	9.307	93	98251	49.494	ug/l	94
47) Bromodichloromethane	9.496	83	245145	51.118	ug/l	99
48) Methyl methacrylate	9.295	41	107754	45.916	ug/l #	83
49) 1,4-Dioxane	9.301	88	28600	1017.294	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	666254	239.707	ug/l	90
52) Toluene	10.246	92	408788	48.571	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	254077	49.664	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	281778	49.391	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	147996	51.316	ug/l	98
56) Ethyl methacrylate	10.514	69	202069	48.805	ug/l #	82
57) 1,3-Dichloropropane	10.795	76	240027	49.907	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	498442	245.405	ug/l	94
59) 2-Hexanone	10.831	43	471823	237.381	ug/l	87
60) Dibromochloromethane	10.984	129	178369	51.639	ug/l	100
61) 1,2-Dibromoethane	11.093	107	135801	48.673	ug/l	100
64) Tetrachloroethene	10.721	164	138821	46.211	ug/l	96
65) Chlorobenzene	11.520	112	458976	49.631	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	178223	51.186	ug/l	97
67) Ethyl Benzene	11.593	91	802107	48.691	ug/l	96
68) m/p-Xylenes	11.703	106	624098	97.121	ug/l	93
69) o-Xylene	12.032	106	303914	48.894	ug/l	94
70) Styrene	12.044	104	519824	49.742	ug/l	95
71) Bromoform	12.215	173	111734	50.100	ug/l #	98
73) Isopropylbenzene	12.331	105	824649	50.215	ug/l	100
74) N-amyl acetate	12.148	43	230230	47.518	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.587	83	176237	49.855	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	220919	83.075	ug/l #	100
77) Bromobenzene	12.611	156	188013	50.100	ug/l	98
78) n-propylbenzene	12.672	91	979672	49.402	ug/l	98
79) 2-Chlorotoluene	12.758	91	553292	49.592	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	672251	49.777	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	61212	48.348	ug/l #	84
82) 4-Chlorotoluene	12.861	91	564902	48.739	ug/l	98
83) tert-Butylbenzene	13.081	119	620903	51.377	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	653108	49.333	ug/l	98
85) sec-Butylbenzene	13.258	105	914207	50.476	ug/l	99
86) p-Isopropyltoluene	13.373	119	734305	49.940	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	370721	50.582	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	370129	50.387	ug/l	98
89) n-Butylbenzene	13.703	91	701532	49.716	ug/l	98
90) Hexachloroethane	13.965	117	149978	51.103	ug/l	84
91) 1,2-Dichlorobenzene	13.745	146	336706	51.074	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	27423	45.092	ug/l	78
93) 1,2,4-Trichlorobenzene	15.013	180	203243	48.769	ug/l	98
94) Hexachlorobutadiene	15.117	225	104153	46.846	ug/l	99
95) Naphthalene	15.239	128	455295	48.967	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	177592	48.316	ug/l	98

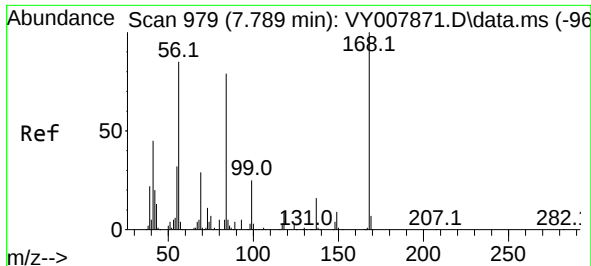
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Response via : Initial Calibration

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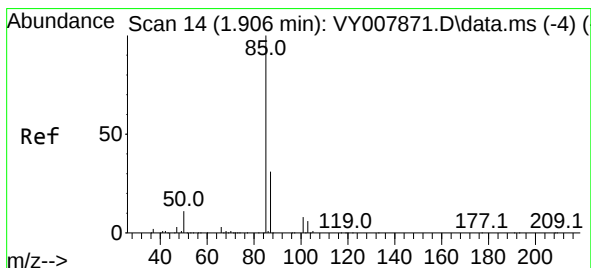
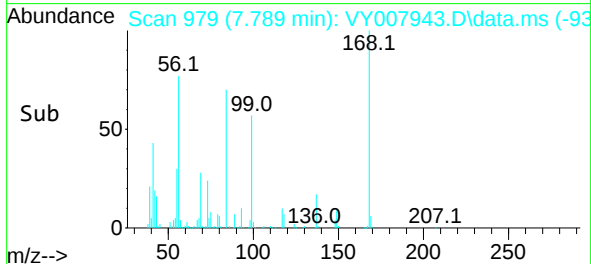
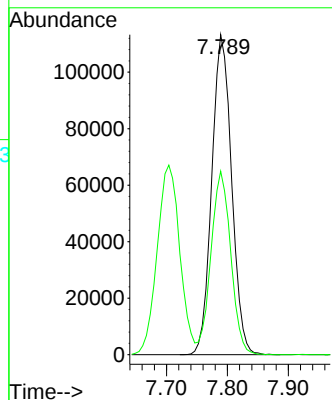
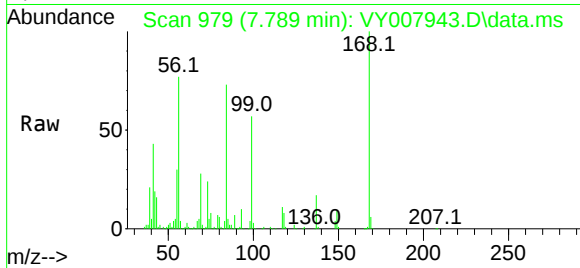
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

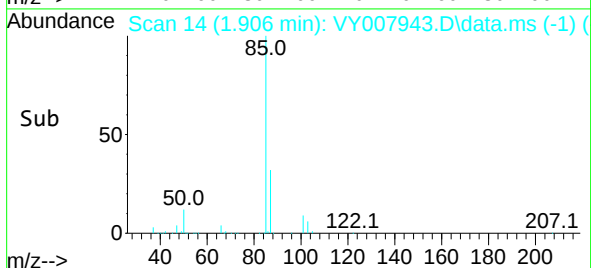
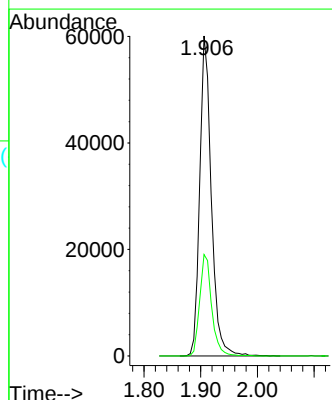
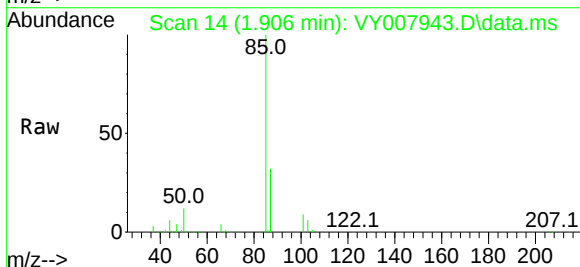
Instrument :
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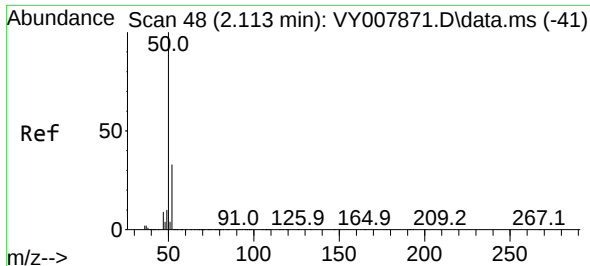
Tgt Ion:168 Resp: 255971
Ion Ratio Lower Upper
168 100
99 57.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 51.291 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 85 Resp: 85266
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2

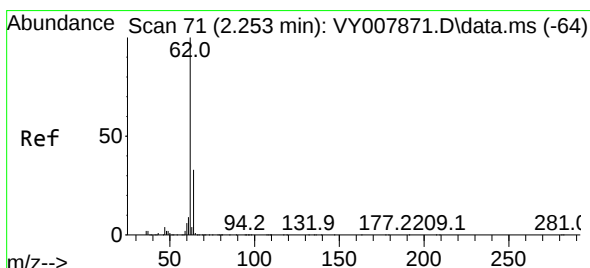
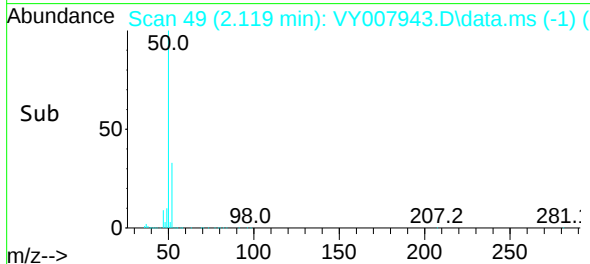
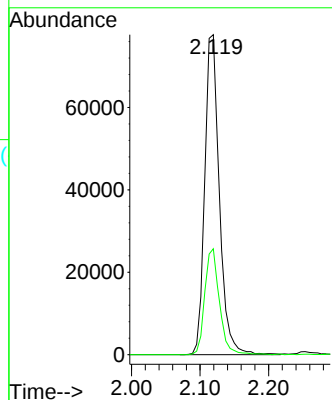
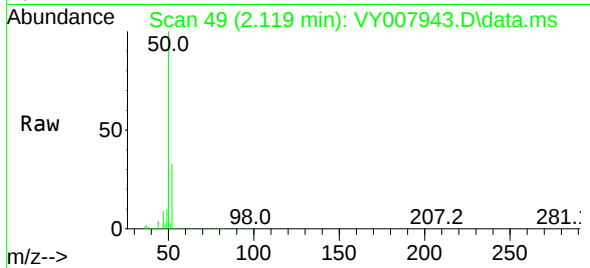




#3
Chloromethane
Concen: 56.900 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

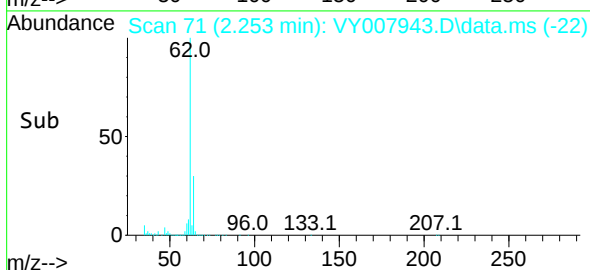
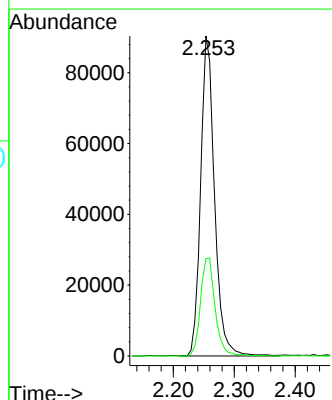
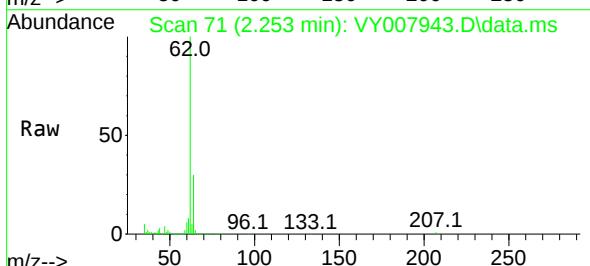
Instrument :
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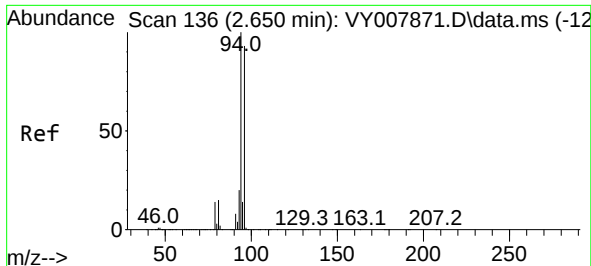
Tgt Ion: 50 Resp: 115668
Ion Ratio Lower Upper
50 100
52 33.1 24.6 37.0



#4
Vinyl Chloride
Concen: 55.565 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 62 Resp: 142807
Ion Ratio Lower Upper
62 100
64 30.4 25.0 37.6

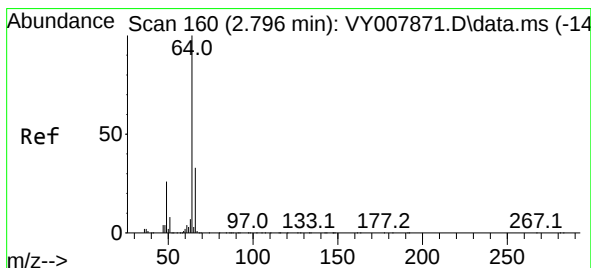
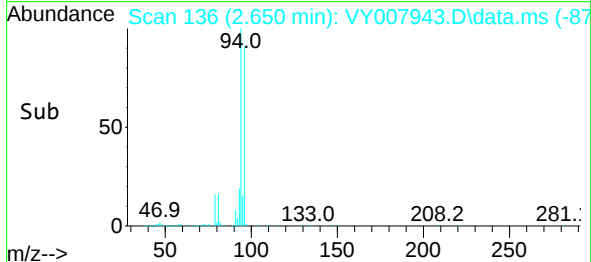
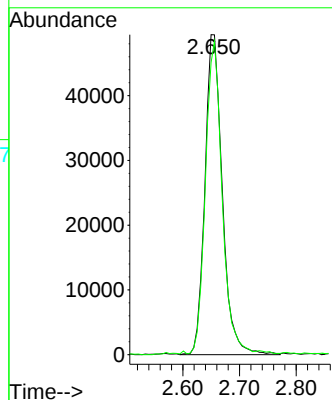
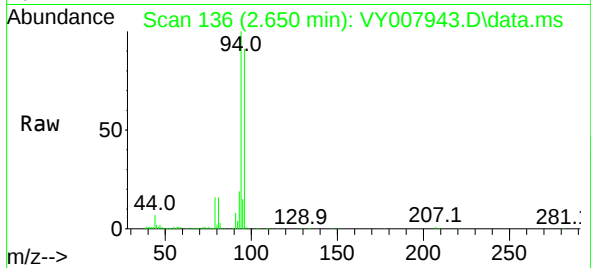




#5
Bromomethane
Concen: 62.831 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

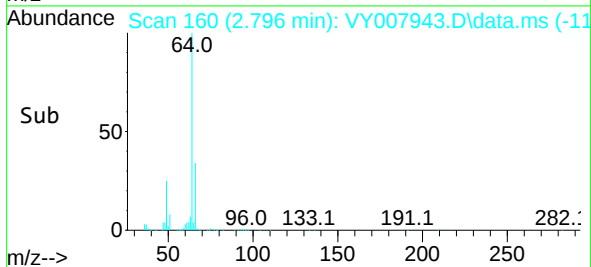
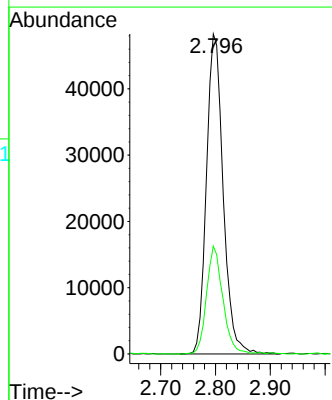
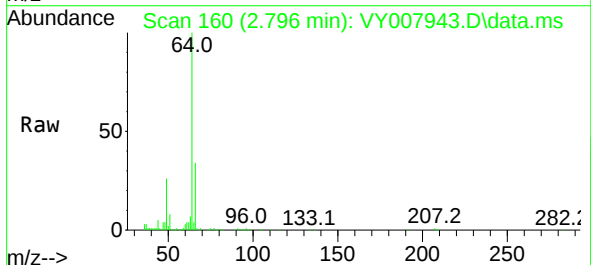
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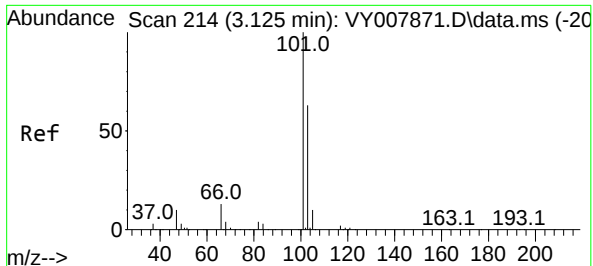
Tgt Ion: 94 Resp: 105462
Ion Ratio Lower Upper
94 100
96 91.1 73.5 110.3



#6
Chloroethane
Concen: 48.638 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 64 Resp: 101815
Ion Ratio Lower Upper
64 100
66 33.7 25.4 38.0

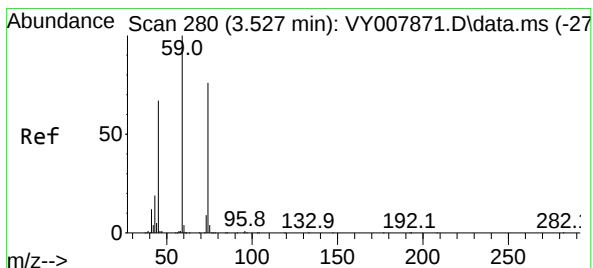
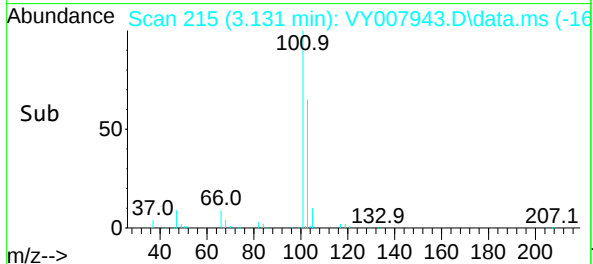
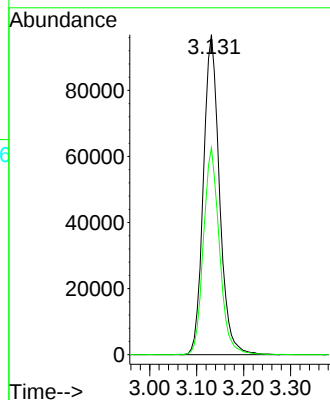
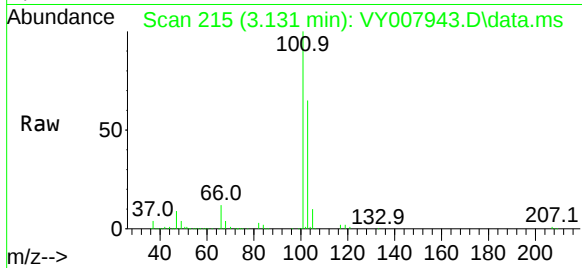




#7
Trichlorofluoromethane
Concen: 48.941 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

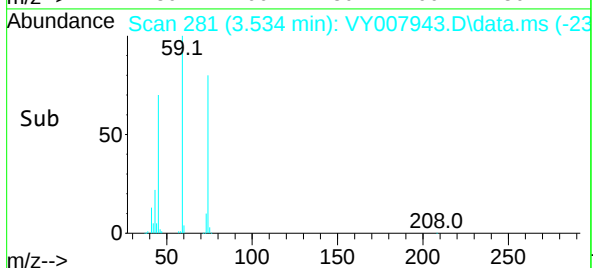
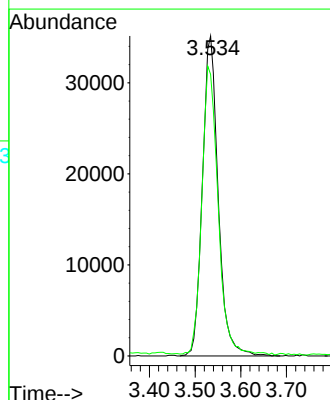
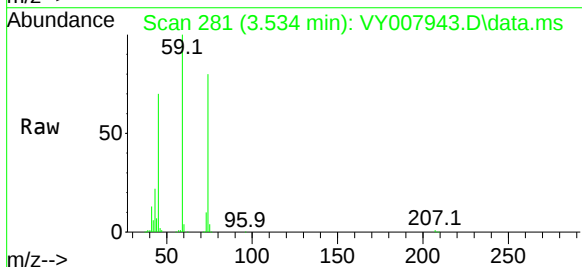
Instrument :
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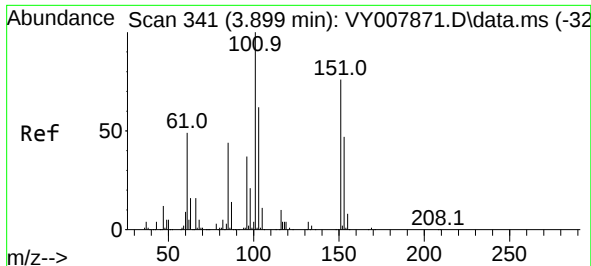
Tgt Ion:101 Resp: 229689
Ion Ratio Lower Upper
101 100
103 64.6 48.0 72.0



#8
Diethyl Ether
Concen: 48.302 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 74 Resp: 84131
Ion Ratio Lower Upper
74 100
45 91.7 55.1 165.5

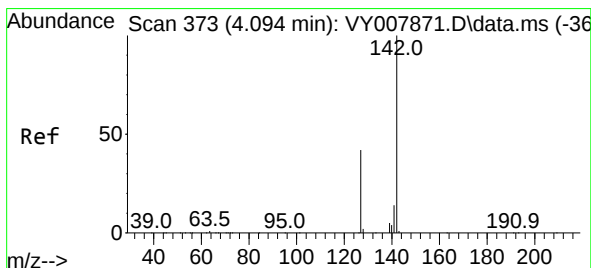
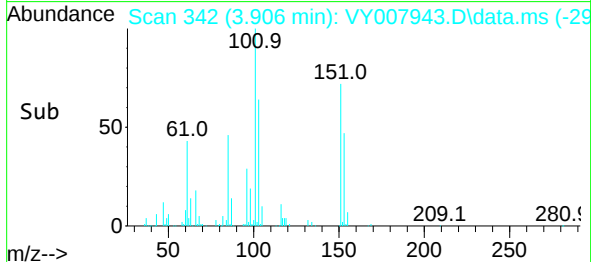
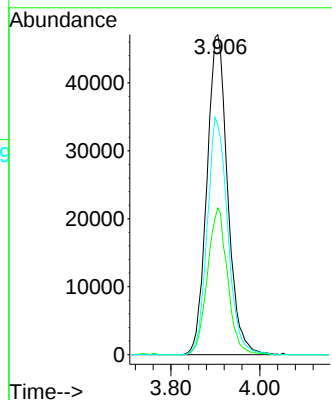
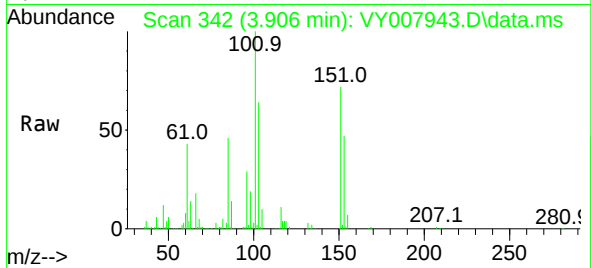




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.432 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY007943.D
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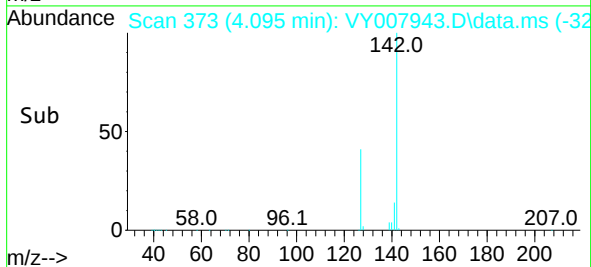
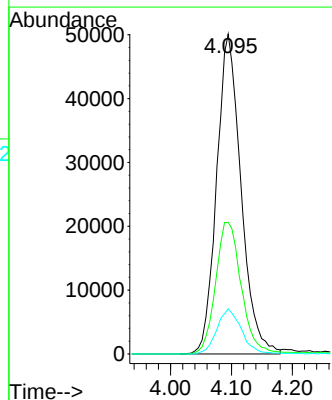
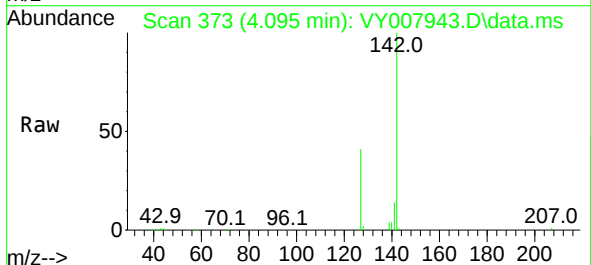
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

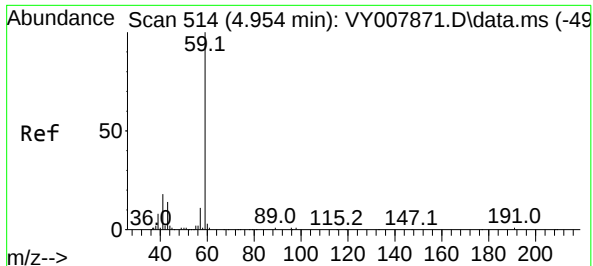
Tgt Ion:101 Resp: 152875
Ion Ratio Lower Upper
101 100
85 44.4 40.6 60.8
151 73.0 64.9 97.3



#10
Methyl Iodide
Concen: 49.661 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion:142 Resp: 139150
Ion Ratio Lower Upper
142 100
127 43.6 41.5 62.3
141 14.3 11.9 17.9

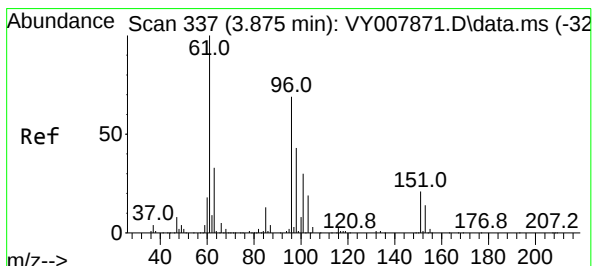
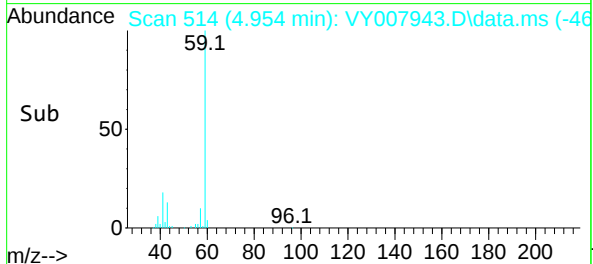
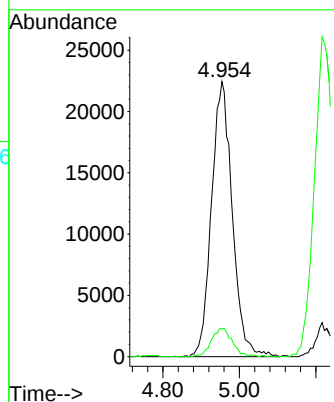
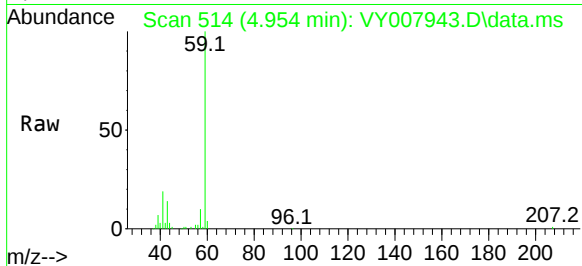




#11
Tert butyl alcohol
Concen: 248.640 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

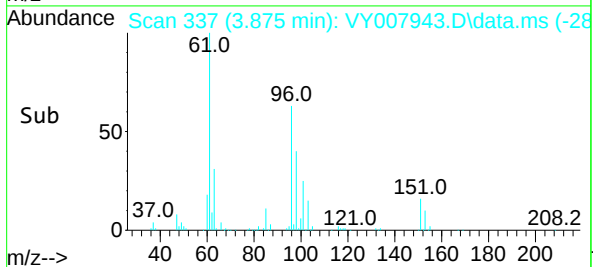
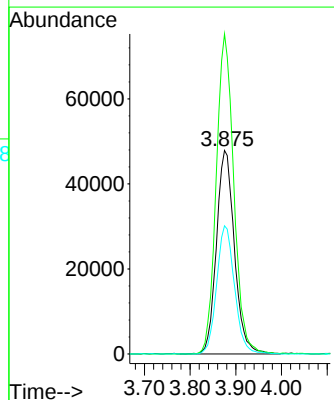
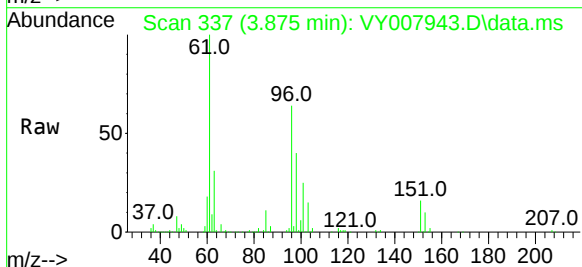
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

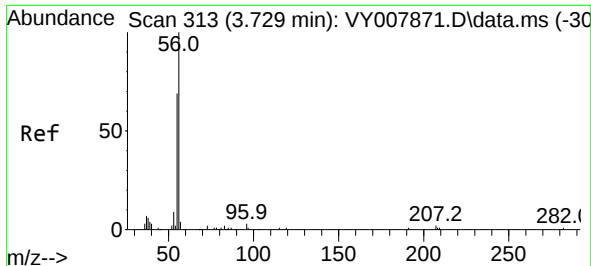
Tgt Ion: 59 Resp: 84539
Ion Ratio Lower Upper
59 100
57 10.2 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 47.167 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 96 Resp: 131100
Ion Ratio Lower Upper
96 100
61 157.2 145.8 218.6
98 63.0 52.5 78.7

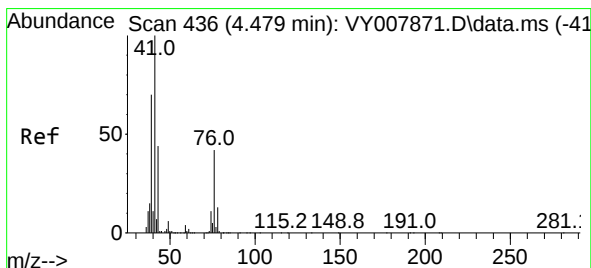
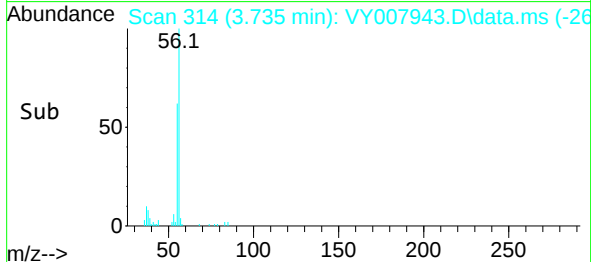
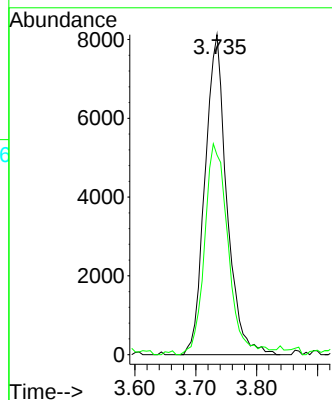
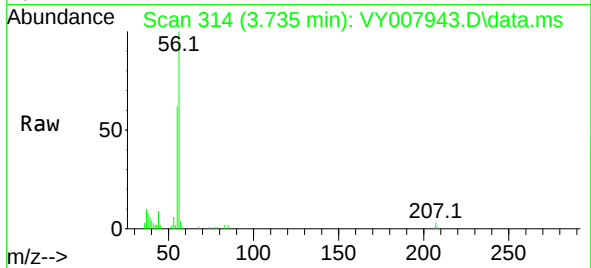




#13
Acrolein
Concen: 98.600 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

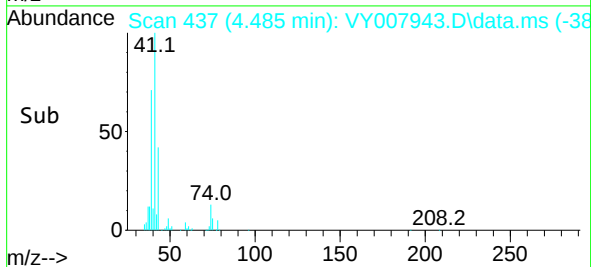
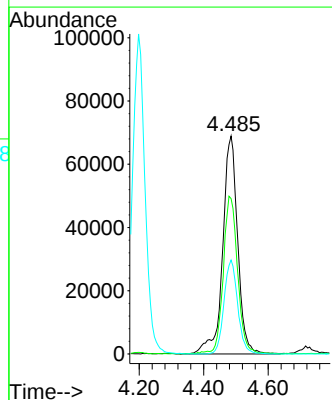
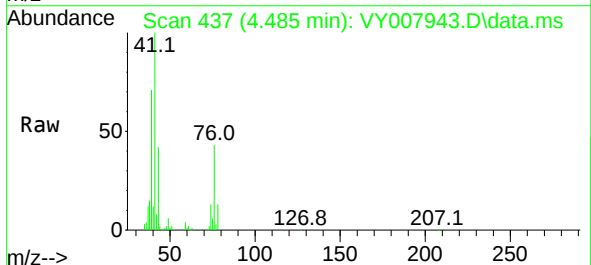
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

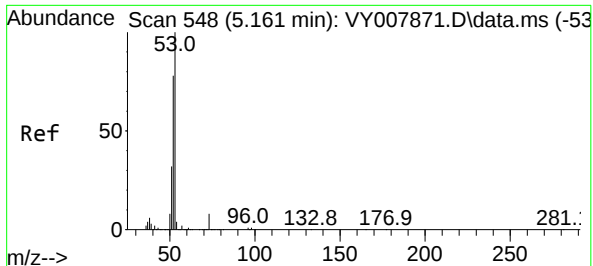
Tgt Ion: 56 Resp: 20192
Ion Ratio Lower Upper
56 100
55 71.4 57.6 86.4



#14
Allyl chloride
Concen: 47.686 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 41 Resp: 222937
Ion Ratio Lower Upper
41 100
39 69.6 58.8 88.2
76 39.2 25.1 37.7#

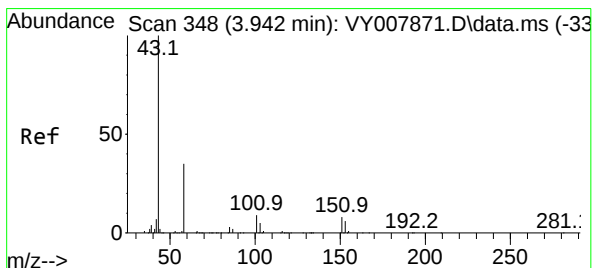
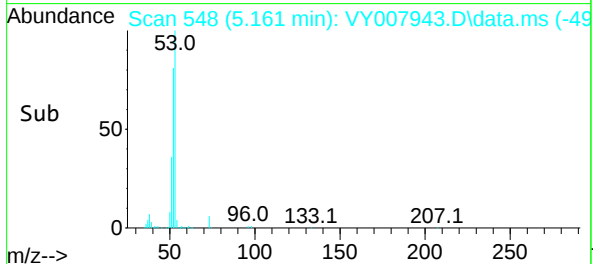
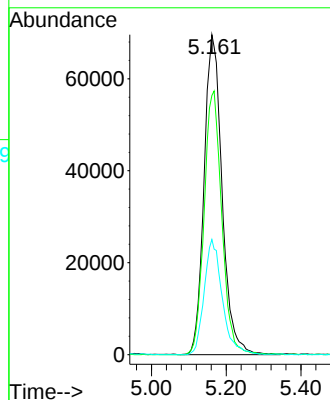
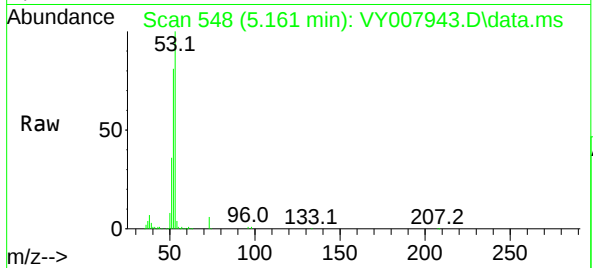




#15
Acrylonitrile
Concen: 250.886 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

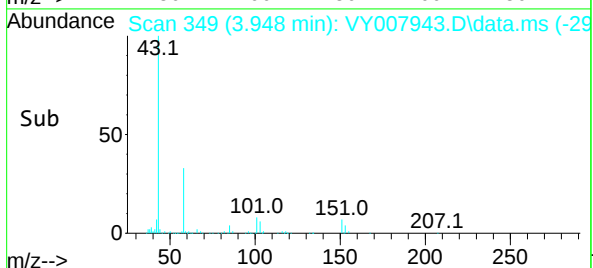
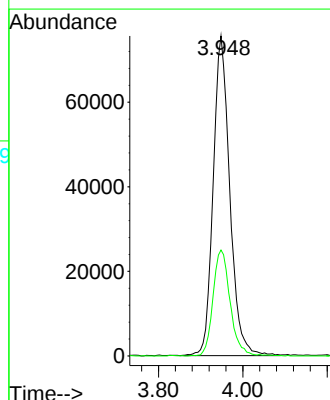
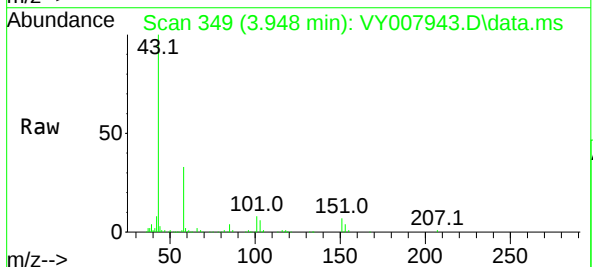
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

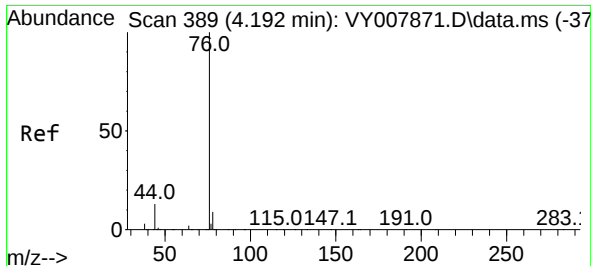
Tgt Ion: 53 Resp: 232884
Ion Ratio Lower Upper
53 100
52 80.8 67.0 100.4
51 36.2 29.8 44.6



#16
Acetone
Concen: 267.020 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 43 Resp: 206739
Ion Ratio Lower Upper
43 100
58 33.1 22.0 33.0#

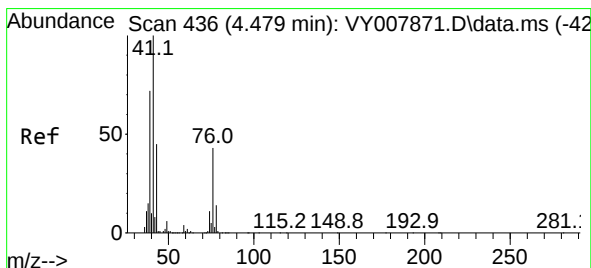
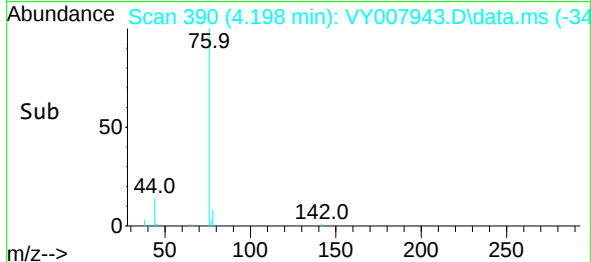
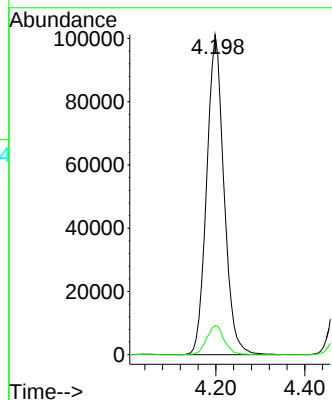
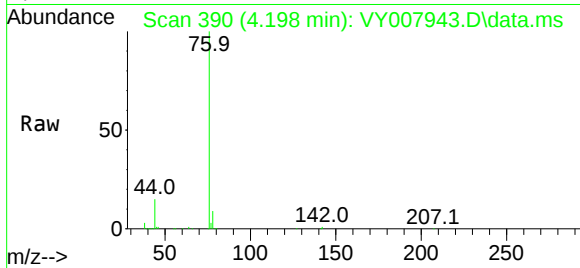




#17
Carbon Disulfide
Concen: 51.861 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

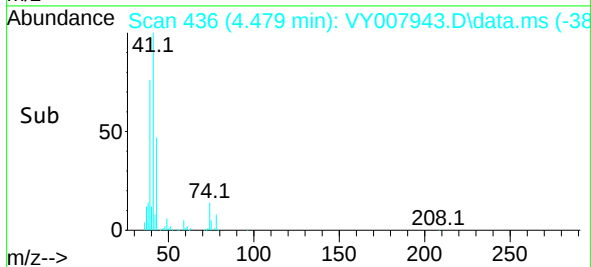
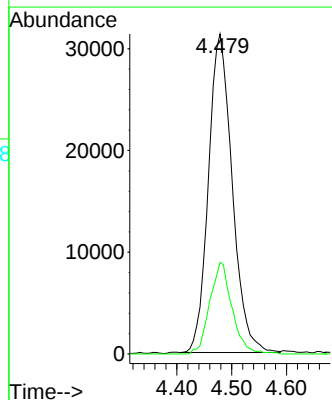
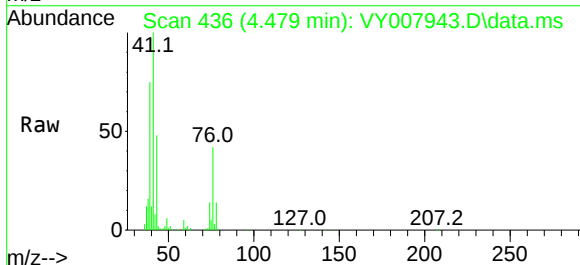
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

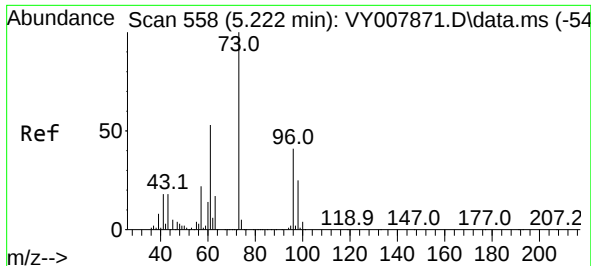
Tgt Ion: 76 Resp: 273773
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 51.333 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 43 Resp: 94311
Ion Ratio Lower Upper
43 100
74 26.9 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 51.781 ug/l

RT: 5.222 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

Instrument :

MSVOA_Y

ClientSampleId :

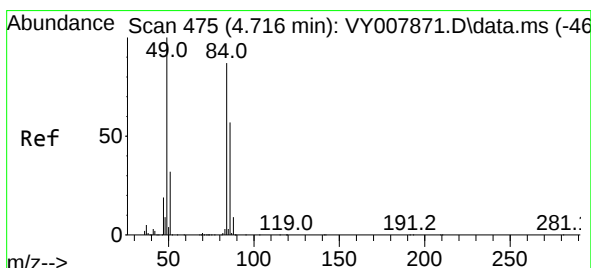
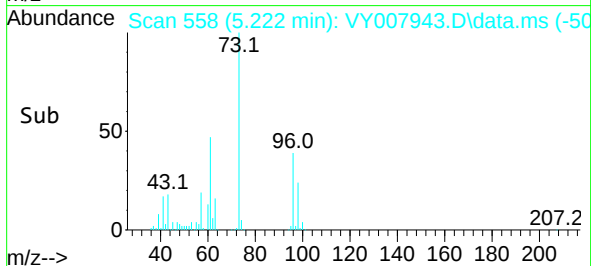
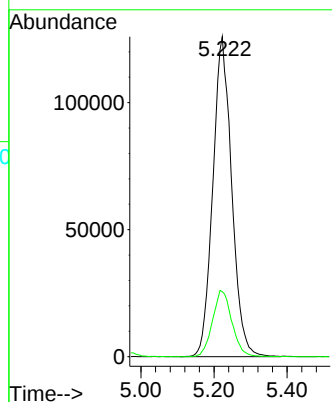
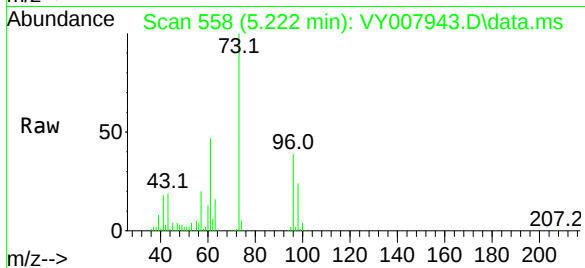
VSTDCCC050

Tgt Ion: 73 Resp: 451462

Ion Ratio Lower Upper

73 100

57 20.3 18.6 27.8



#20

Methylene Chloride

Concen: 52.500 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

Tgt Ion: 84 Resp: 156983

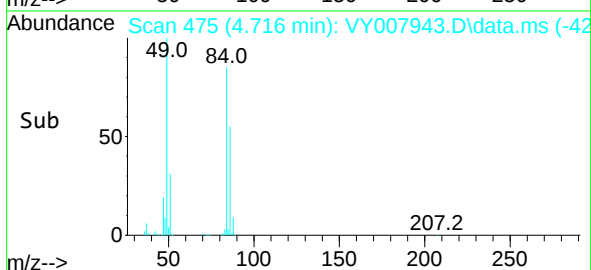
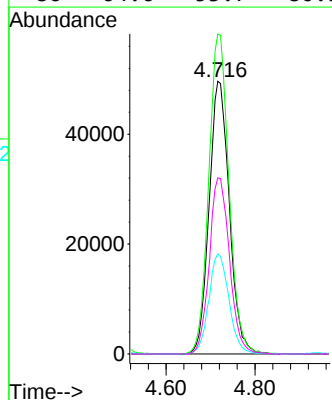
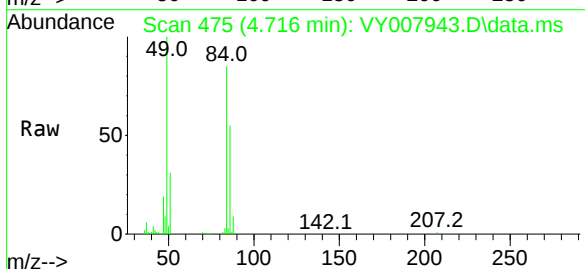
Ion Ratio Lower Upper

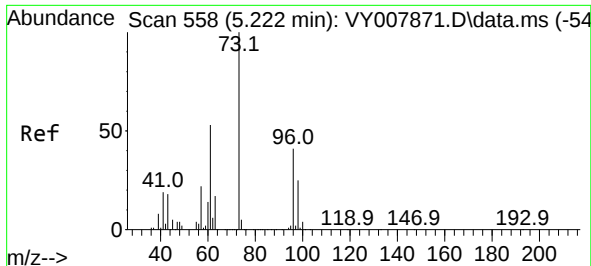
84 100

49 117.4 114.4 171.6

51 36.7 35.3 52.9

86 64.6 53.7 80.5

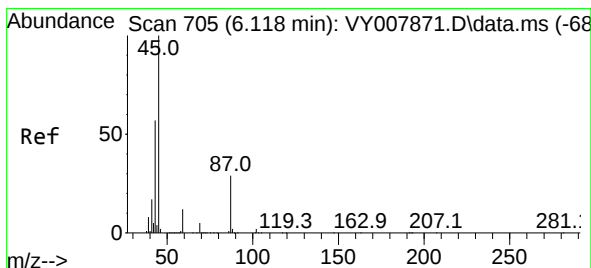
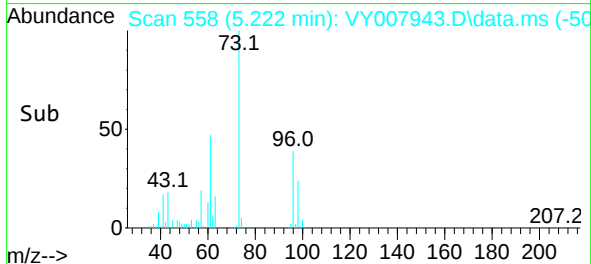
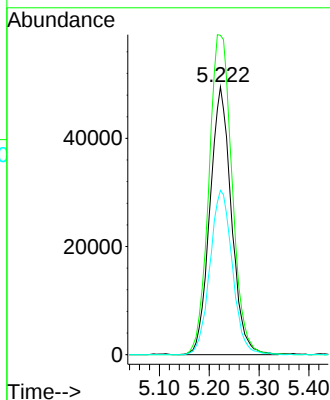
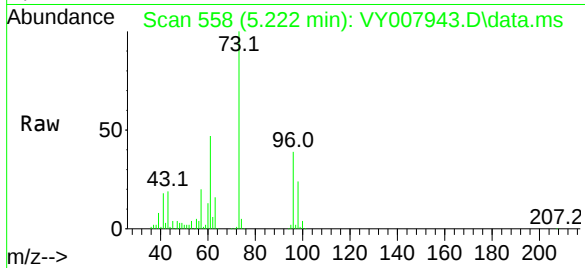




#21
trans-1,2-Dichloroethene
Concen: 47.733 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

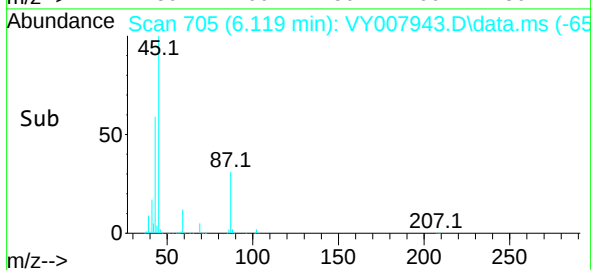
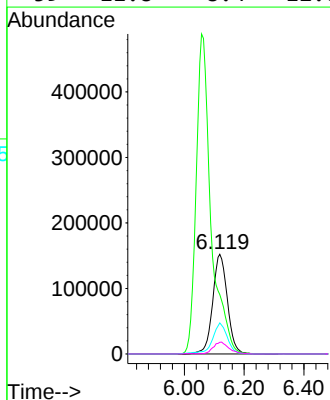
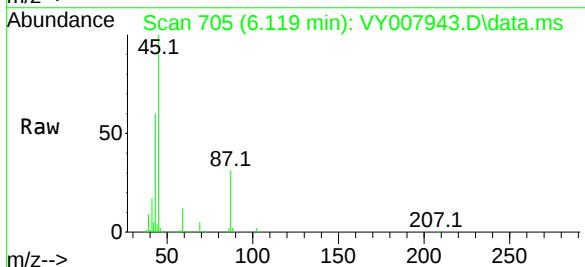
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

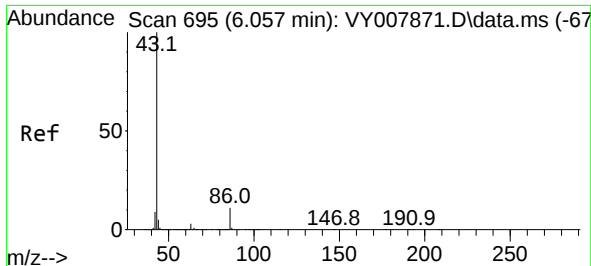
Tgt Ion: 96 Resp: 148529
Ion Ratio Lower Upper
96 100
61 119.2 120.5 180.7#
98 61.3 49.8 74.8



#22
Diisopropyl ether
Concen: 51.624 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 45 Resp: 519229
Ion Ratio Lower Upper
45 100
43 59.5 49.3 73.9
87 31.2 19.2 28.8#
59 11.8 8.4 12.6

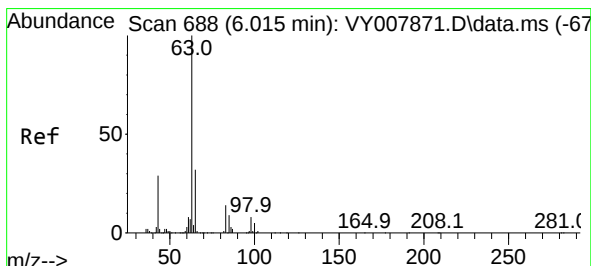
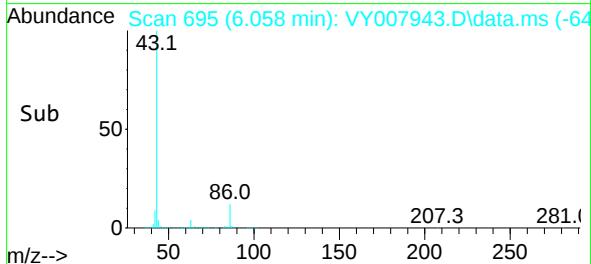
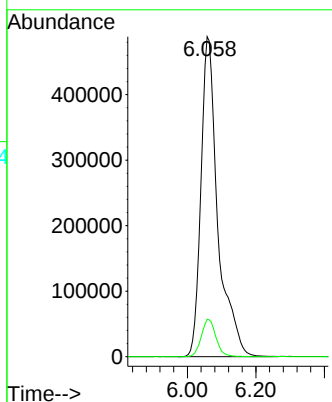
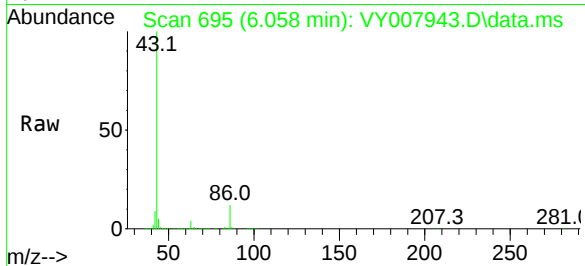




#23
 Vinyl Acetate
 Concen: 266.126 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY007943.D
 Acq: 21 Mar 2022 09:40

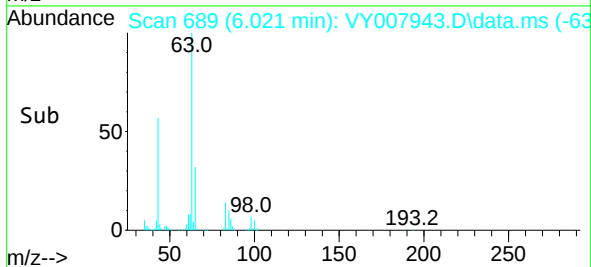
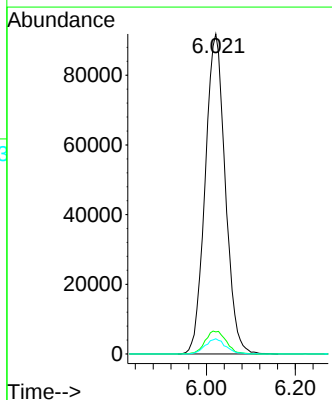
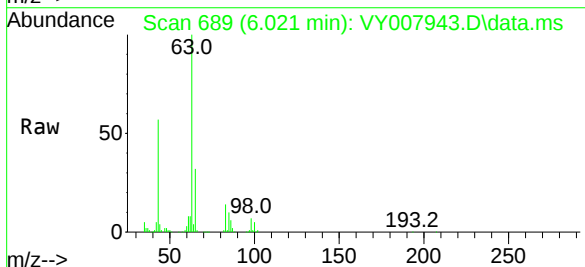
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

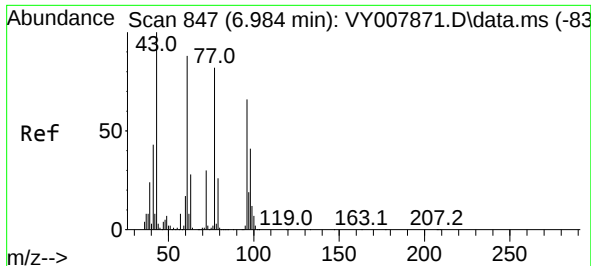
Tgt Ion: 43 Resp: 1676488
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 50.922 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY007943.D
 Acq: 21 Mar 2022 09:40

Tgt Ion: 63 Resp: 288483
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 4.8 2.0 5.8

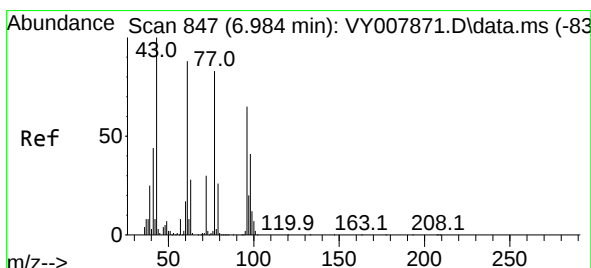
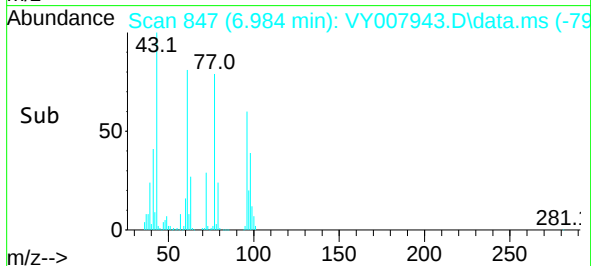
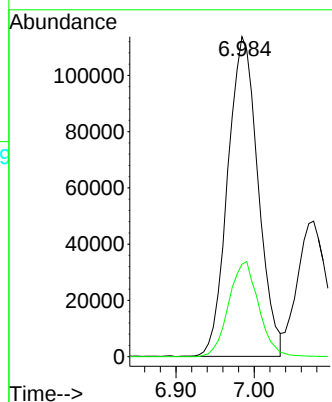
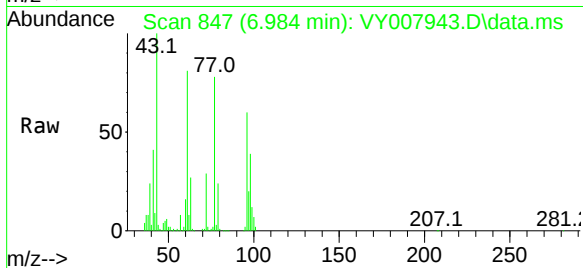




#25
2-Butanone
Concen: 246.773 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

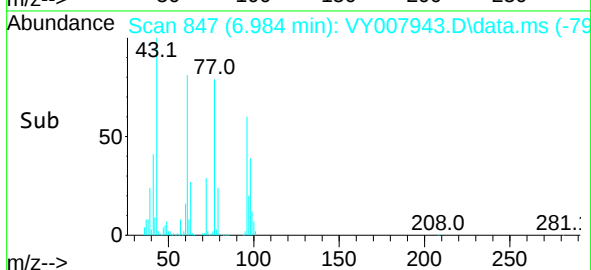
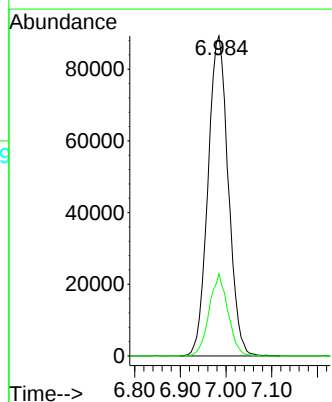
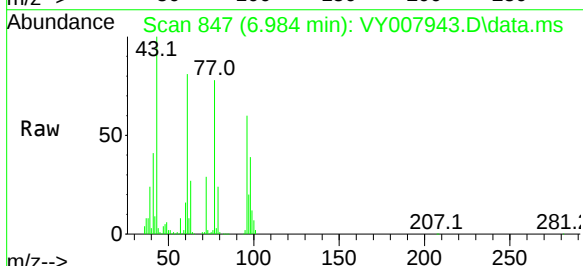
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

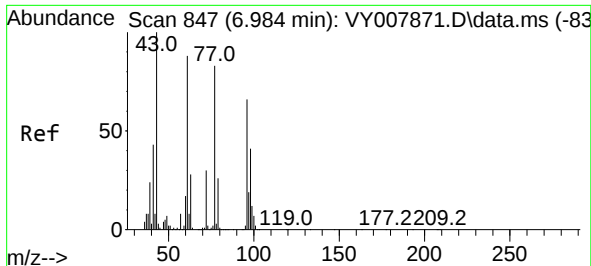
Tgt Ion: 43 Resp: 306039
Ion Ratio Lower Upper
43 100
72 28.9 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 52.383 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 77 Resp: 275047
Ion Ratio Lower Upper
77 100
97 23.9 10.4 31.4

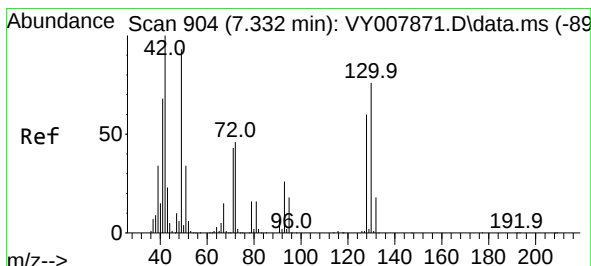
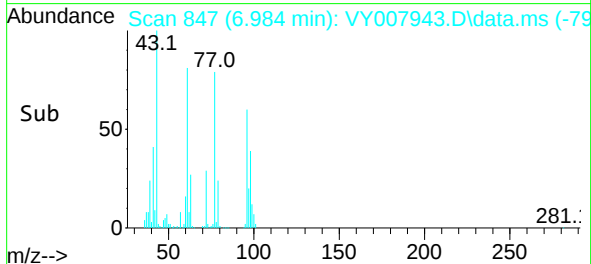
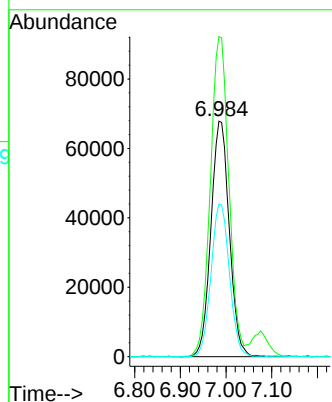
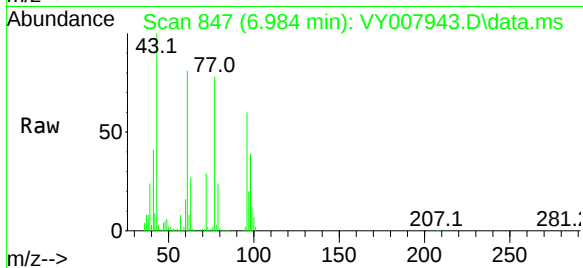




#27
 cis-1,2-Dichloroethene
 Concen: 50.789 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY007943.D
 Acq: 21 Mar 2022 09:40

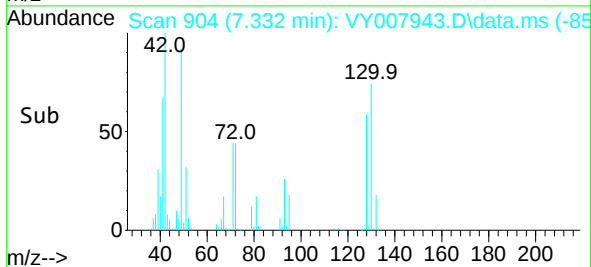
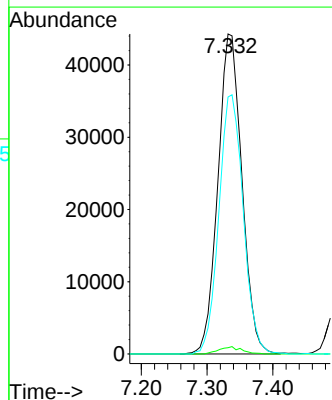
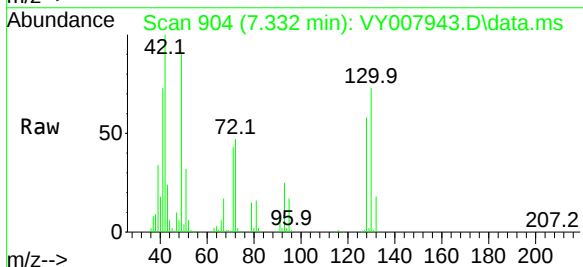
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

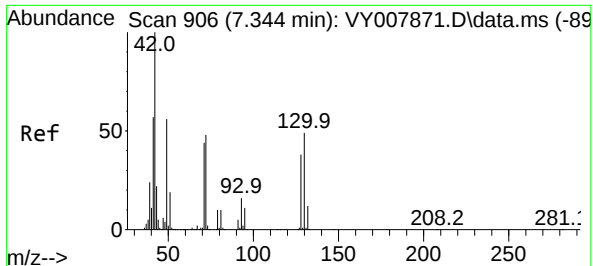
Tgt Ion: 96 Resp: 189695
 Ion Ratio Lower Upper
 96 100
 61 137.1 0.0 319.8
 98 65.0 0.0 127.0



#28
 Bromochloromethane
 Concen: 50.299 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY007943.D
 Acq: 21 Mar 2022 09:40

Tgt Ion: 49 Resp: 112553
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 2.2
 130 82.1 55.4 83.0





#29

Tetrahydrofuran

Concen: 239.429 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

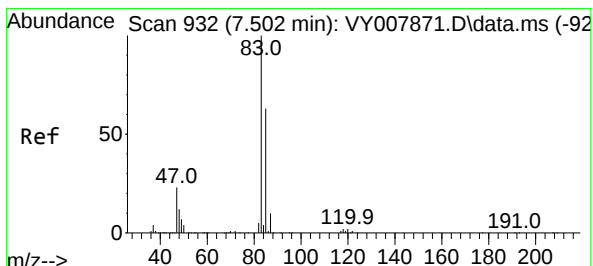
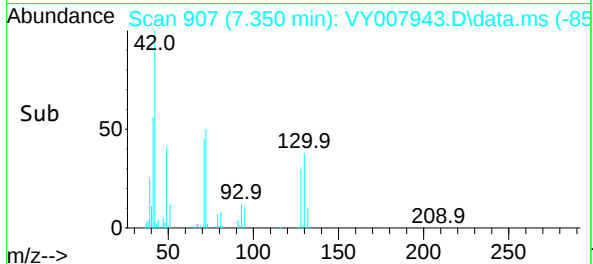
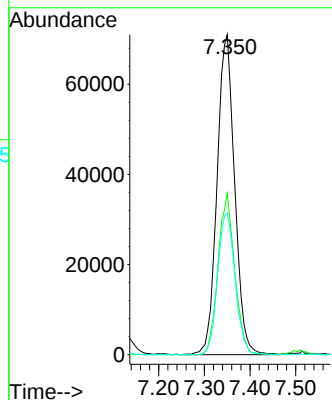
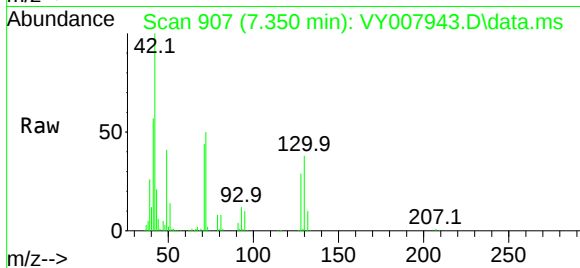
Tgt Ion: 42 Resp: 190257

Ion Ratio Lower Upper

42 100

72 47.6 30.3 45.5#

71 43.9 29.0 43.4#



#30

Chloroform

Concen: 53.225 ug/l

RT: 7.509 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY007943.D

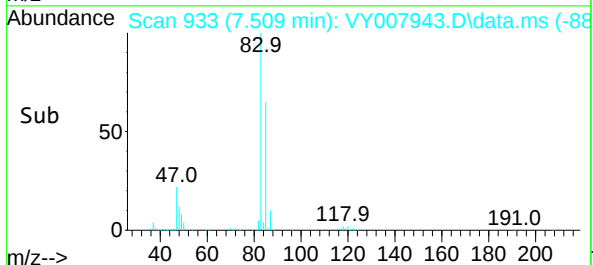
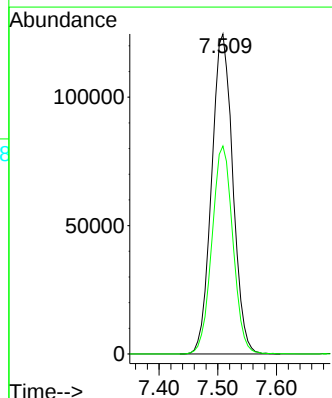
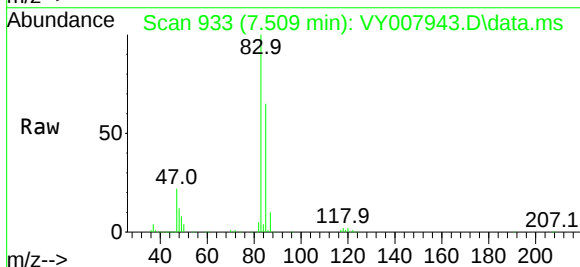
Acq: 21 Mar 2022 09:40

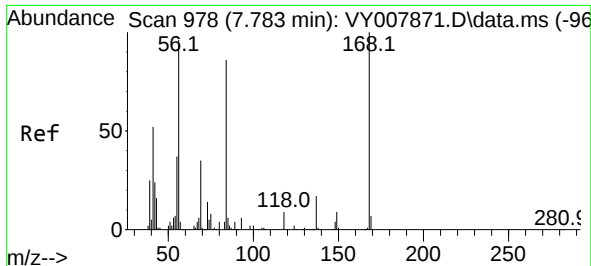
Tgt Ion: 83 Resp: 311667

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.6

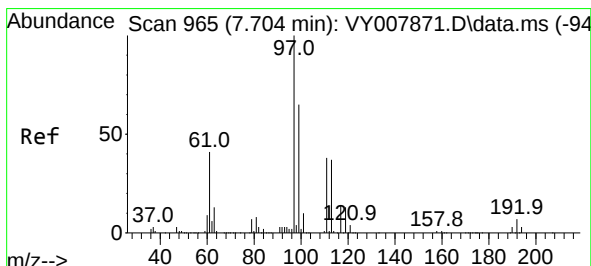
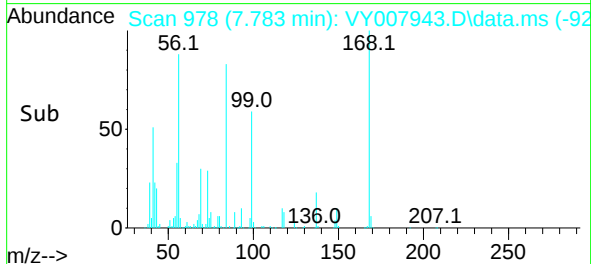
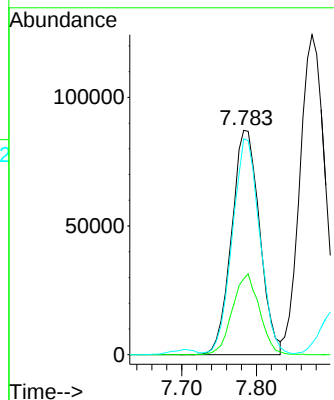
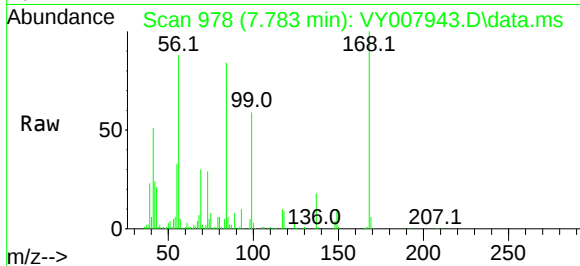




#31
Cyclohexane
Concen: 53.879 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

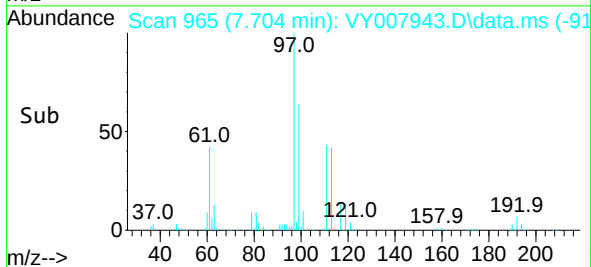
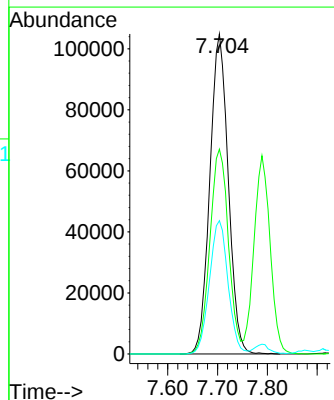
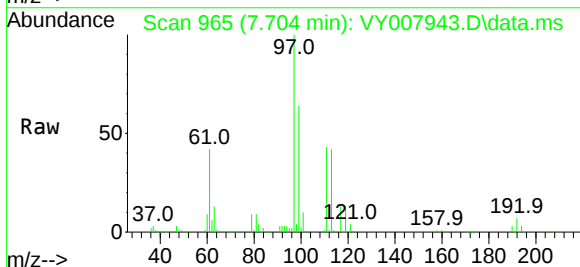
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

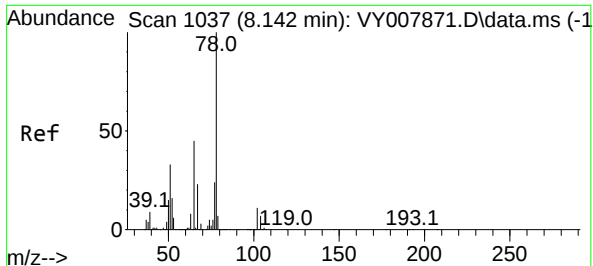
Tgt Ion: 56 Resp: 227064
Ion Ratio Lower Upper
56 100
69 33.8 26.7 40.1
84 94.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 50.989 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 97 Resp: 268921
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 42.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 51.421 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

Instrument :

MSVOA_Y

ClientSampleId :

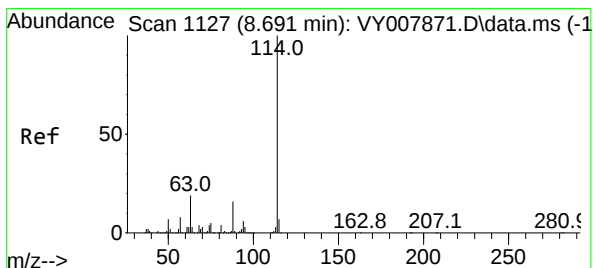
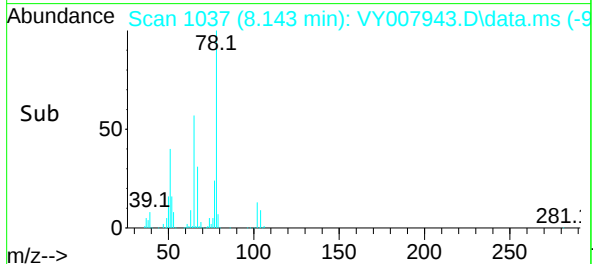
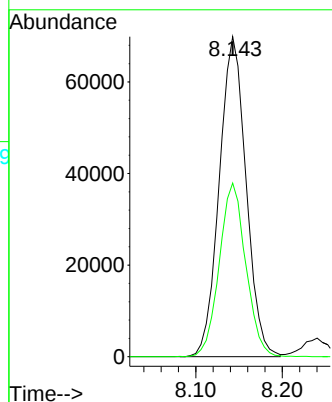
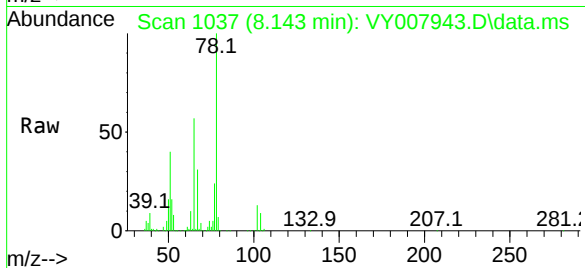
VSTDCCC050

Tgt Ion: 65 Resp: 150074

Ion Ratio Lower Upper

65 100

67 53.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

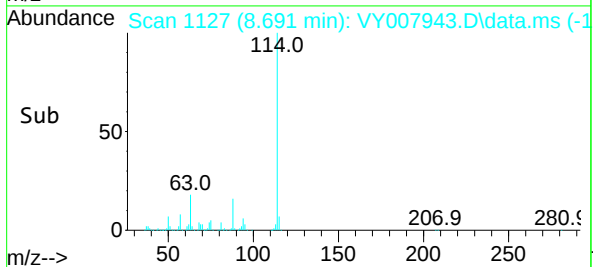
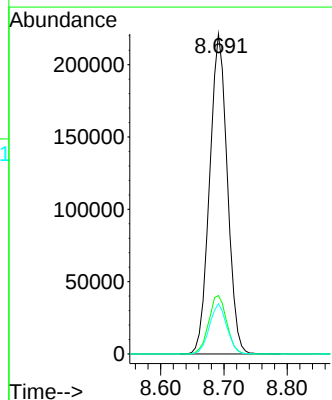
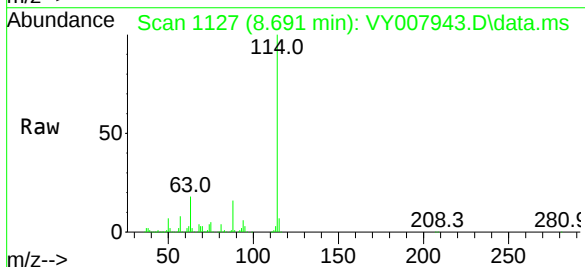
Tgt Ion: 114 Resp: 430540

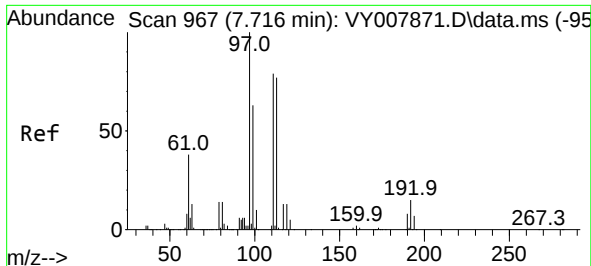
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 15.7 0.0 31.8

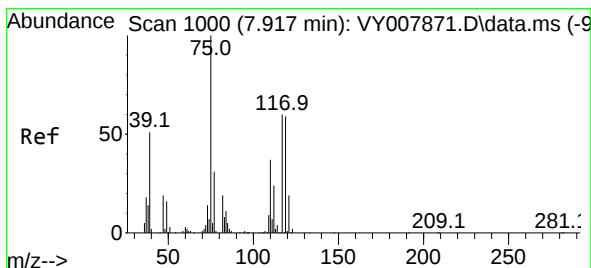
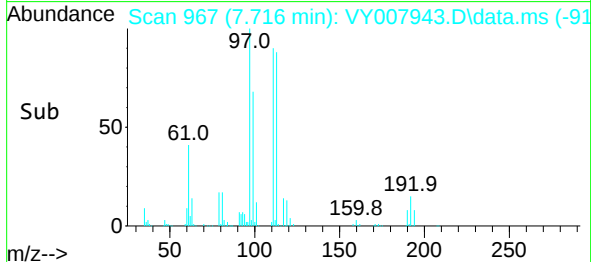
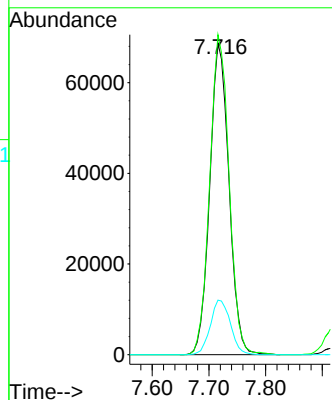
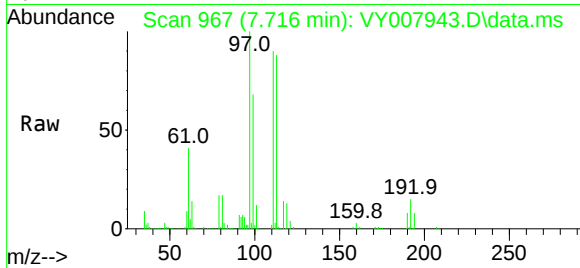




#35
Dibromofluoromethane
Concen: 53.484 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

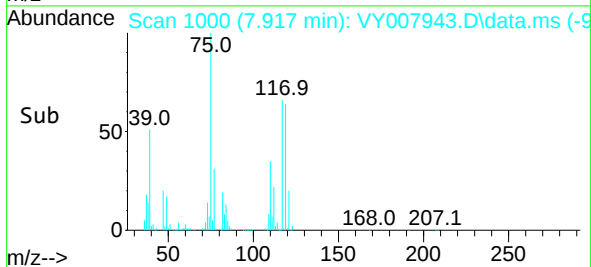
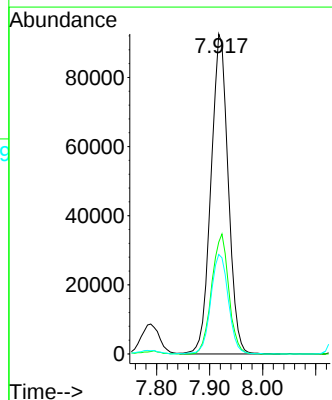
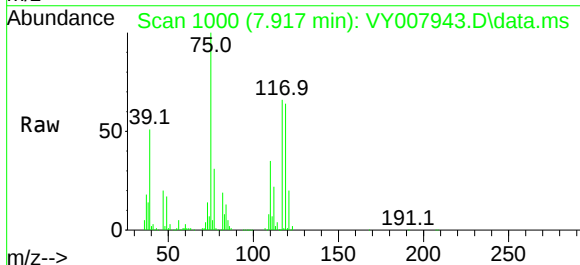
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

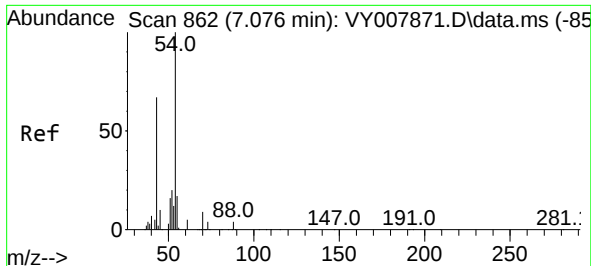
Tgt Ion:113 Resp: 161718
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 18.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 46.602 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 75 Resp: 208994
Ion Ratio Lower Upper
75 100
110 37.1 17.1 51.2
77 31.8 24.4 36.6





#37

Ethyl Acetate

Concen: 47.575 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.006 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

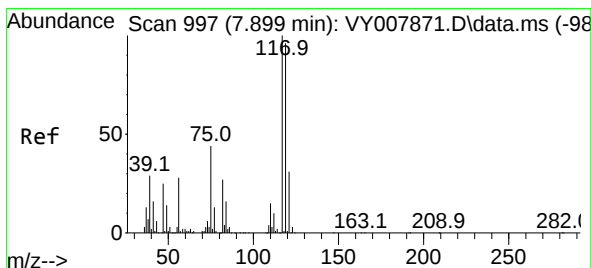
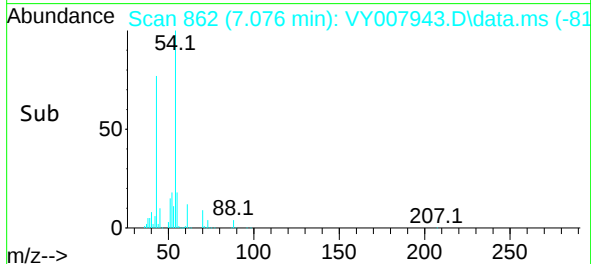
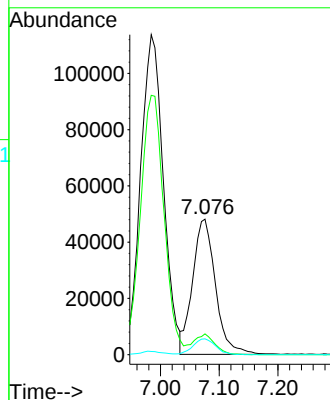
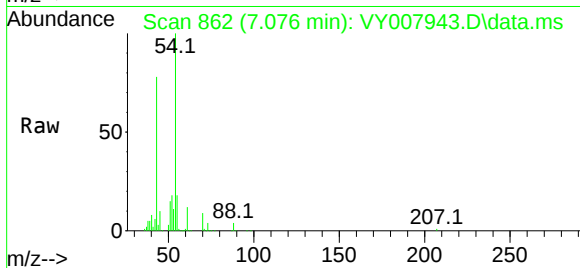
Tgt Ion: 43 Resp: 130184

Ion Ratio Lower Upper

43 100

61 13.9 9.7 14.5

70 11.6 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 49.825 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

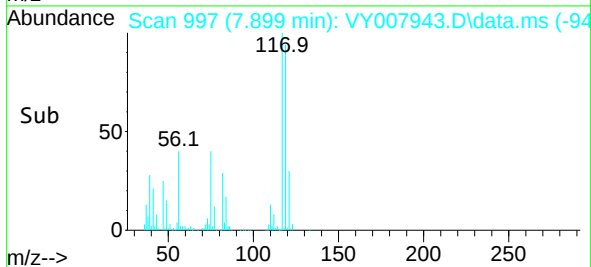
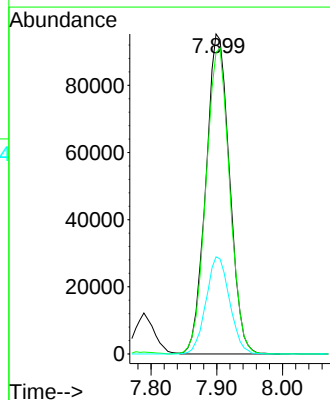
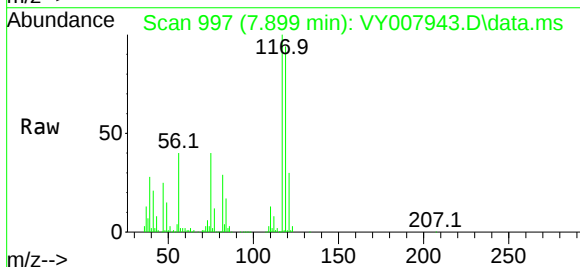
Tgt Ion: 117 Resp: 238770

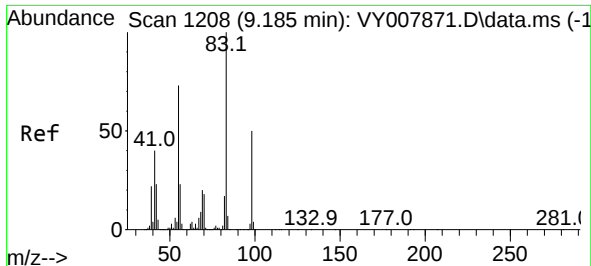
Ion Ratio Lower Upper

117 100

119 94.3 77.9 116.9

121 30.4 24.8 37.2





#39

Methylcyclohexane

Concen: 52.665 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

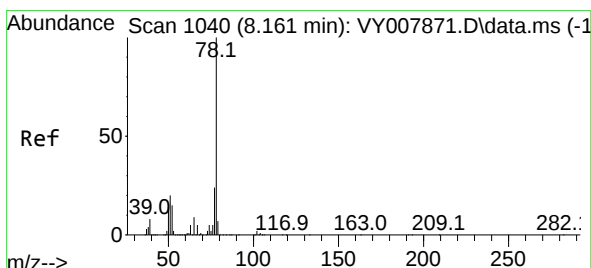
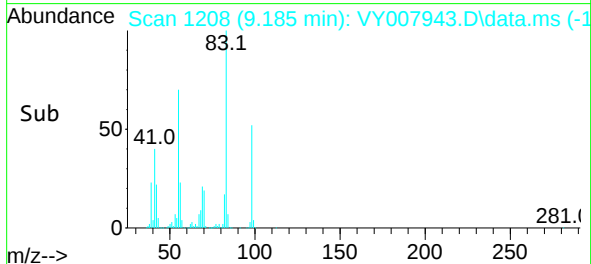
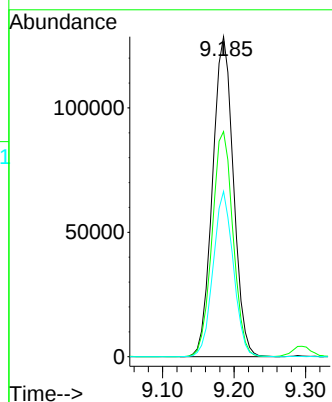
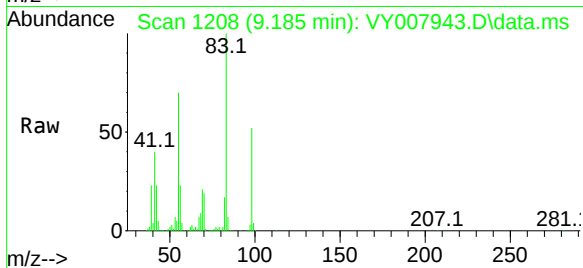
Tgt Ion: 83 Resp: 260755

Ion Ratio Lower Upper

83 100

55 70.3 66.5 99.7

98 51.7 37.9 56.9



#40

Benzene

Concen: 47.982 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY007943.D

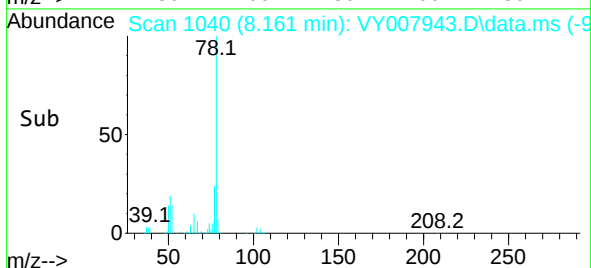
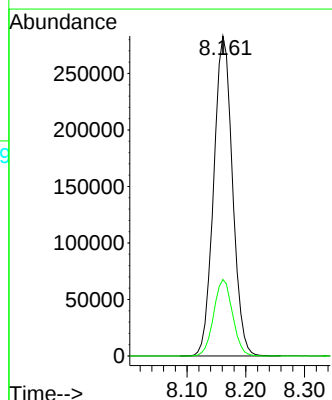
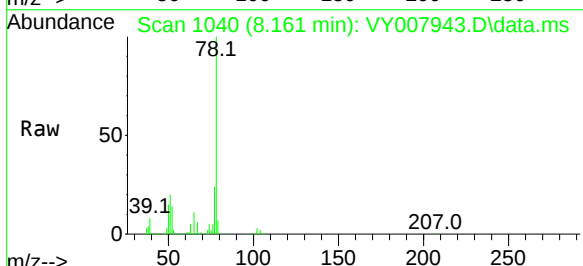
Acq: 21 Mar 2022 09:40

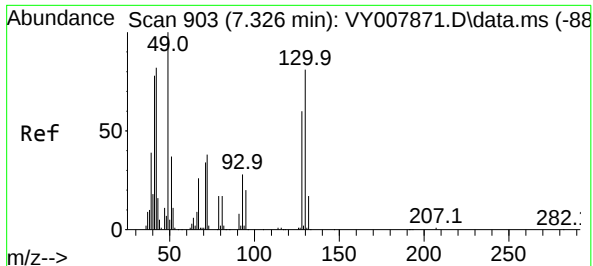
Tgt Ion: 78 Resp: 628813

Ion Ratio Lower Upper

78 100

77 23.9 20.4 30.6

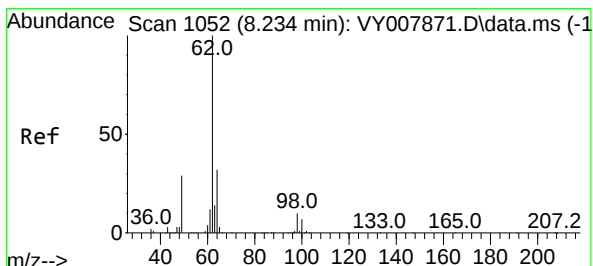
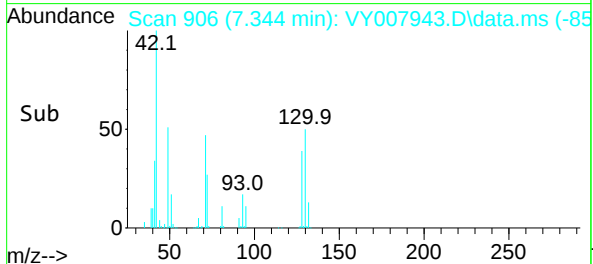
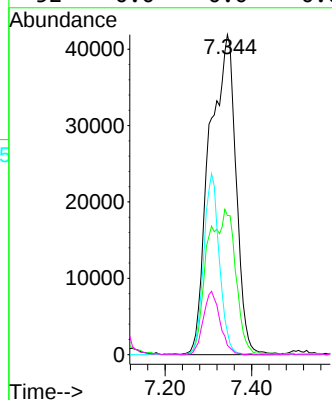
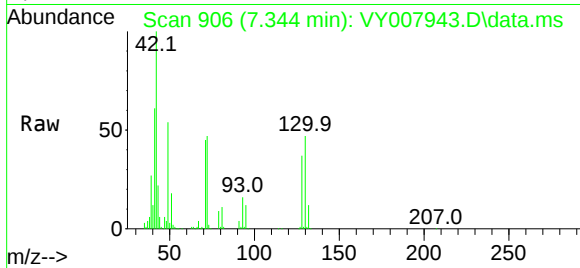




#41
Methacrylonitrile
Concen: 105.235 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.037 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

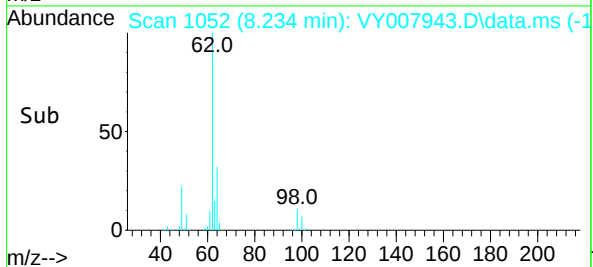
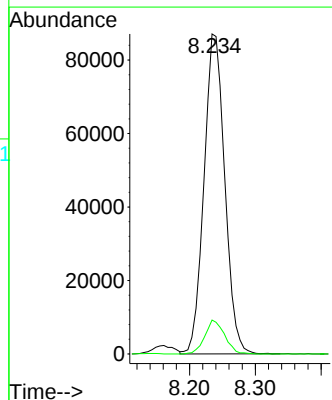
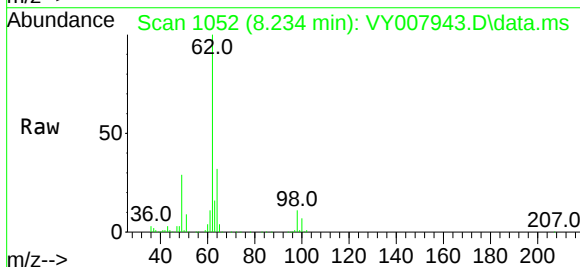
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

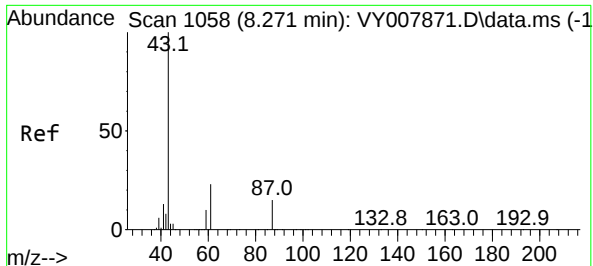
Tgt Ion: 41 Resp: 177594
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.412 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 62 Resp: 191284
Ion Ratio Lower Upper
62 100
98 10.1 0.0 14.8

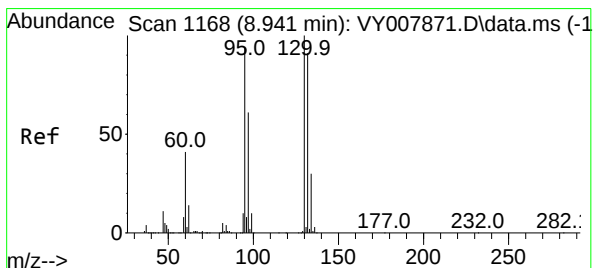
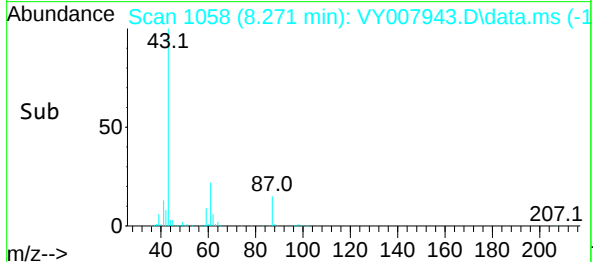
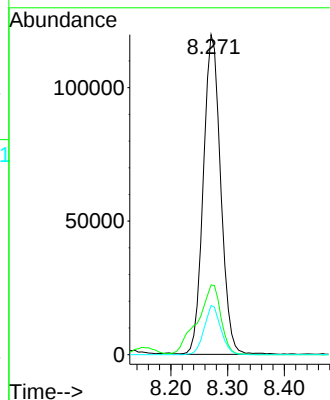
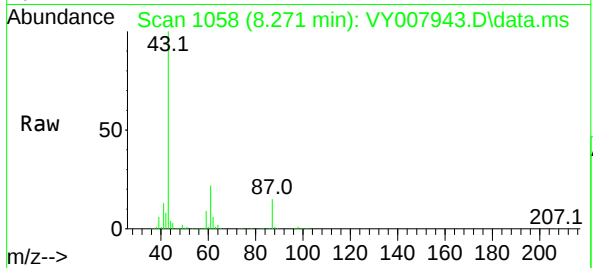




#43
Isopropyl Acetate
Concen: 48.234 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

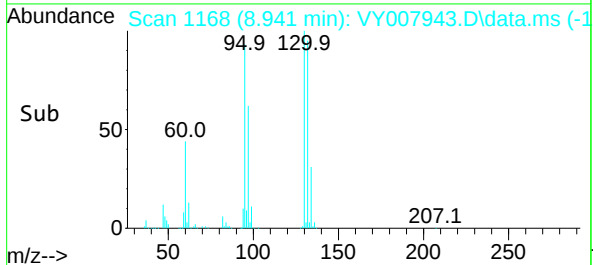
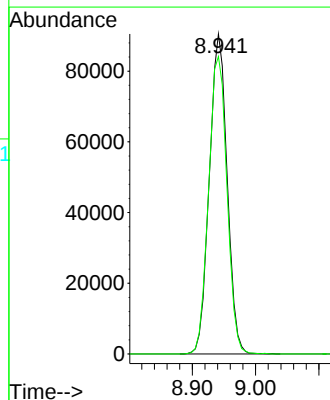
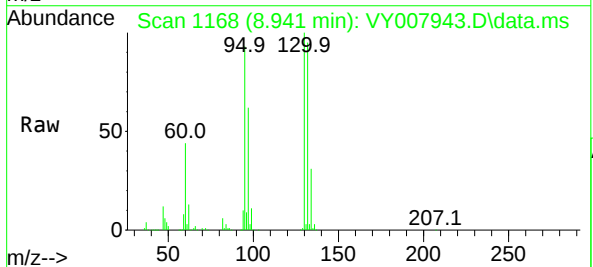
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

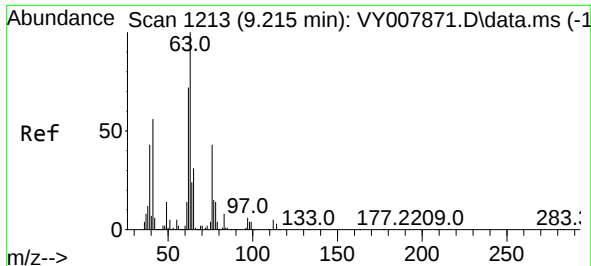
Tgt Ion: 43 Resp: 254454
Ion Ratio Lower Upper
43 100
61 29.6 20.2 30.2
87 14.7 8.9 13.3#



#44
Trichloroethene
Concen: 48.771 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion:130 Resp: 176737
Ion Ratio Lower Upper
130 100
95 93.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 49.343 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

Instrument :

MSVOA_Y

ClientSampleId :

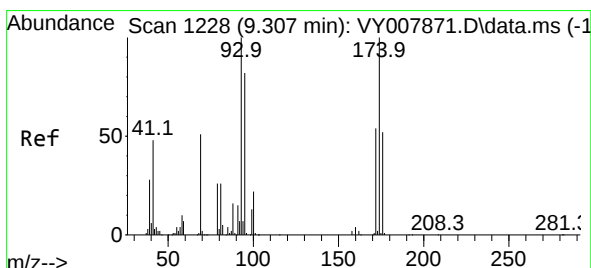
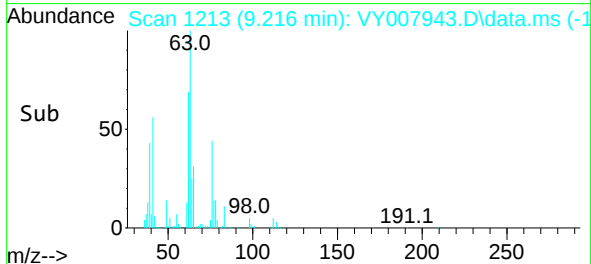
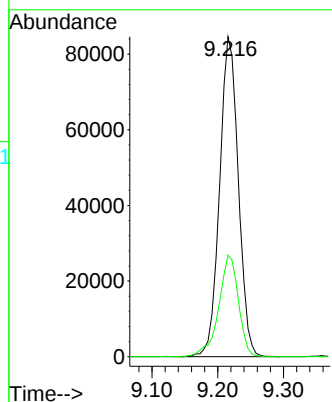
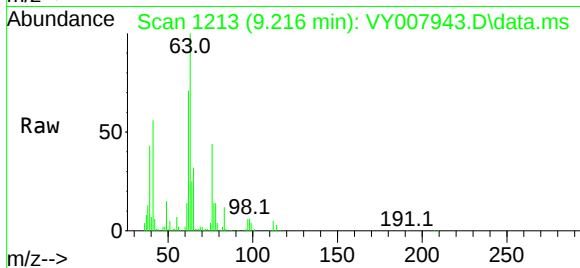
VSTDCCC050

Tgt Ion: 63 Resp: 167439

Ion Ratio Lower Upper

63 100

65 31.8 23.0 34.6



#46

Dibromomethane

Concen: 49.494 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

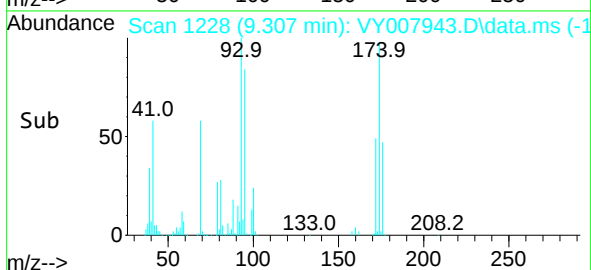
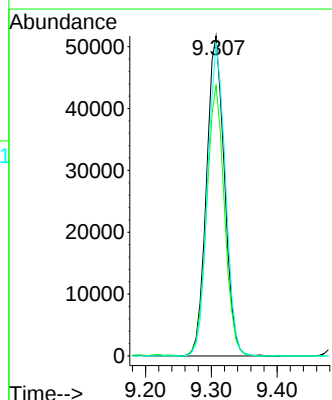
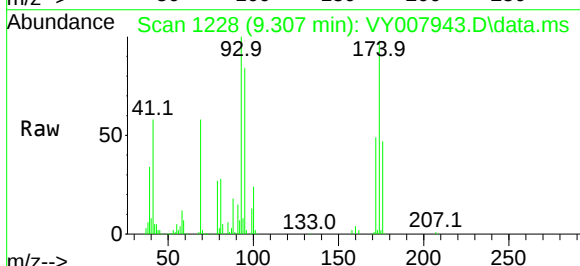
Tgt Ion: 93 Resp: 98251

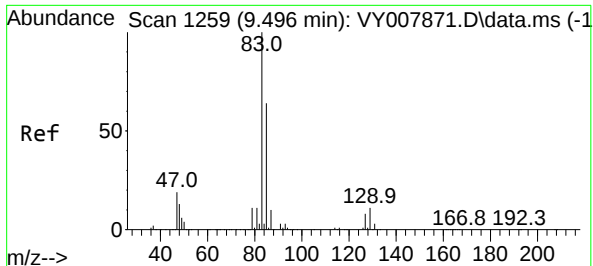
Ion Ratio Lower Upper

93 100

95 83.5 64.3 96.5

174 96.6 83.4 125.0

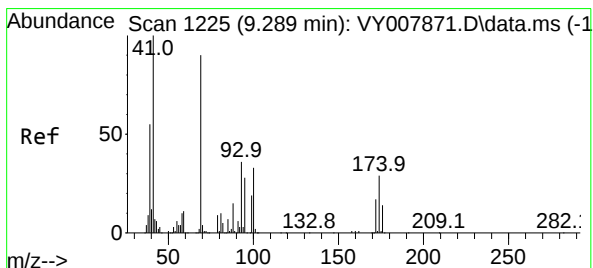
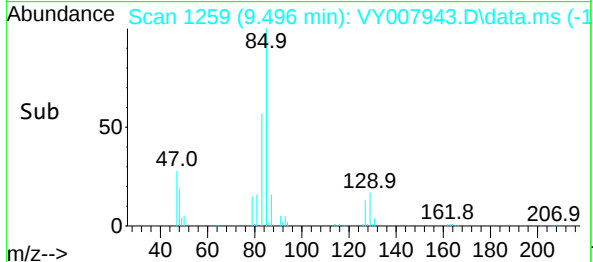
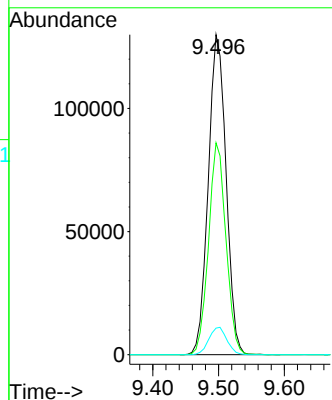
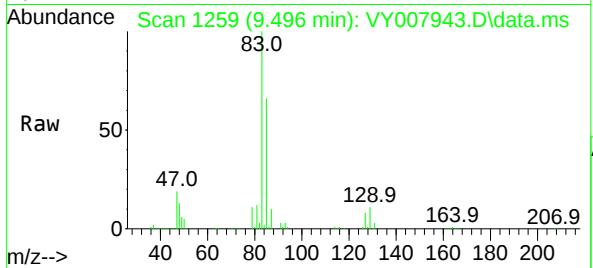




#47
 Bromodichloromethane
 Concen: 51.118 ug/l
 RT: 9.496 min Scan# 1259
 Delta R.T. -0.000 min
 Lab File: VY007943.D
 Acq: 21 Mar 2022 09:40

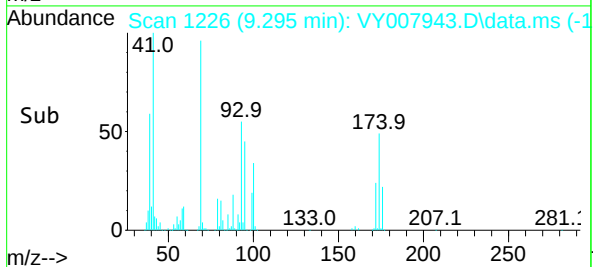
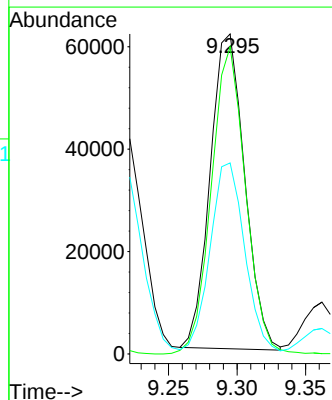
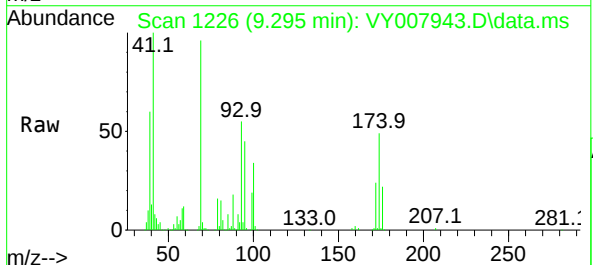
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

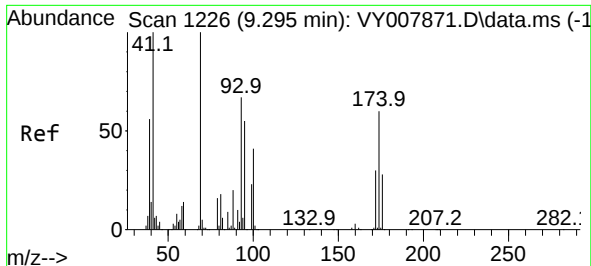
Tgt Ion: 83 Resp: 245145
 Ion Ratio Lower Upper
 83 100
 85 66.2 51.9 77.9
 127 8.3 6.6 10.0



#48
 Methyl methacrylate
 Concen: 45.916 ug/l
 RT: 9.295 min Scan# 1226
 Delta R.T. 0.006 min
 Lab File: VY007943.D
 Acq: 21 Mar 2022 09:40

Tgt Ion: 41 Resp: 107754
 Ion Ratio Lower Upper
 41 100
 69 96.5 58.2 87.2#
 39 61.2 47.4 71.0





#49

1,4-Dioxane

Concen: 1017.294 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

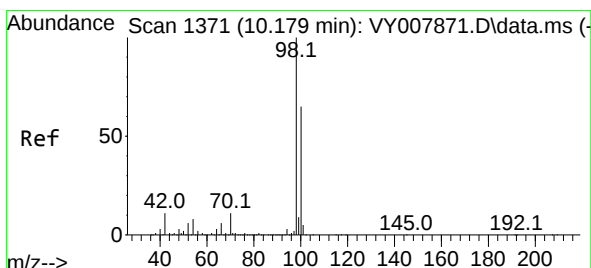
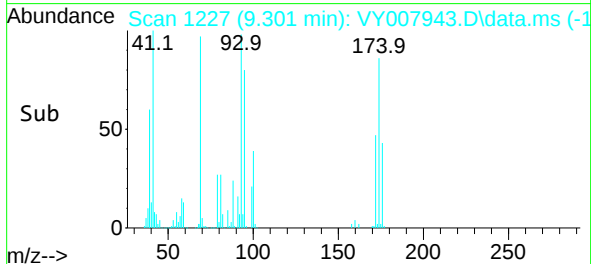
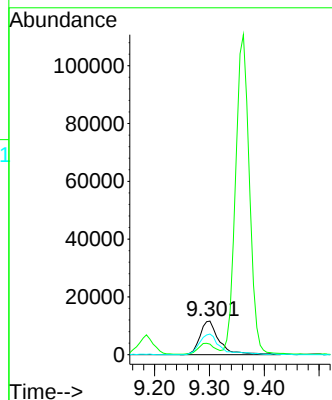
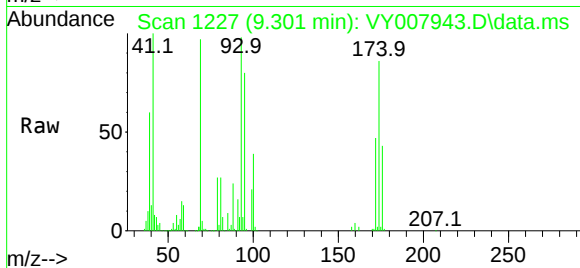
Tgt Ion: 88 Resp: 28600

Ion Ratio Lower Upper

88 100

43 28.9 32.8 49.2#

58 65.9 59.8 89.6



#50

Toluene-d8

Concen: 61.685 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY007943.D

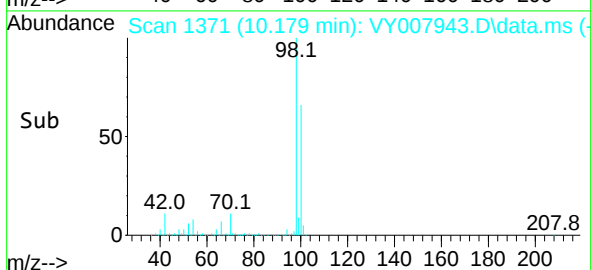
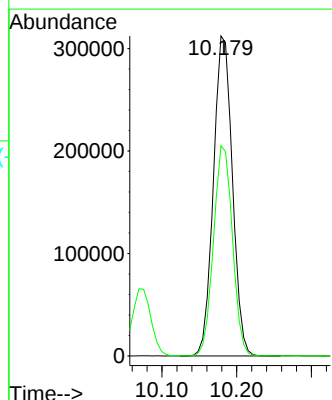
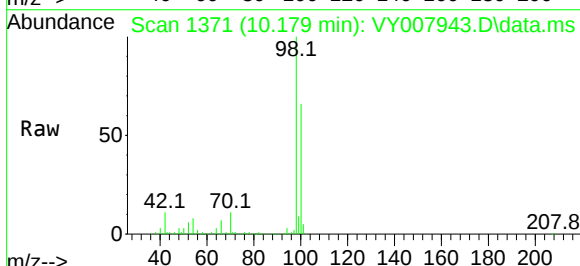
Acq: 21 Mar 2022 09:40

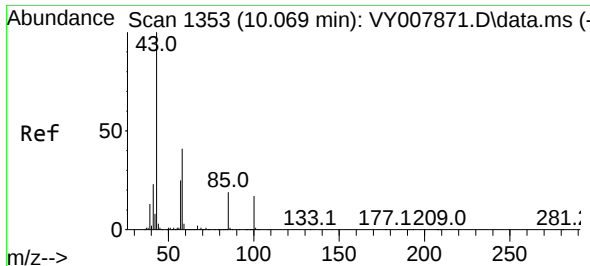
Tgt Ion: 98 Resp: 550735

Ion Ratio Lower Upper

98 100

100 65.5 50.2 75.2

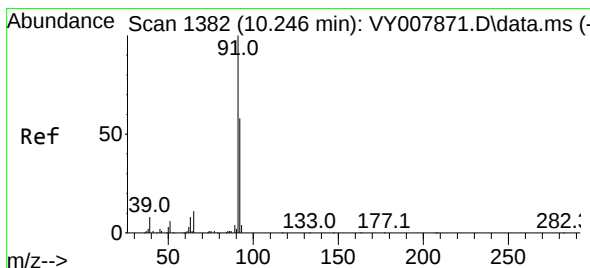
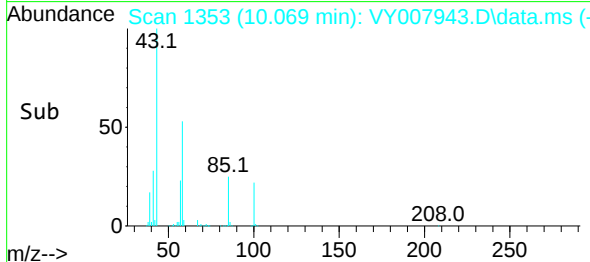
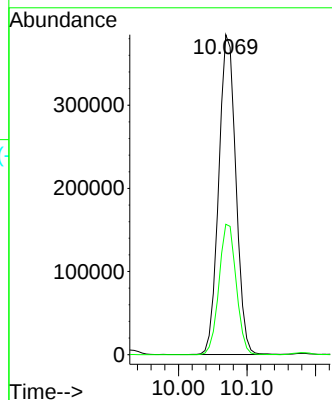
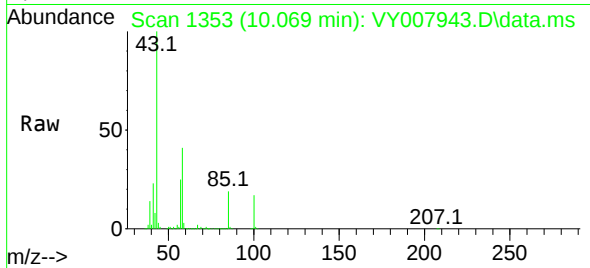




#51
4-Methyl-2-Pentanone
Concen: 239.707 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

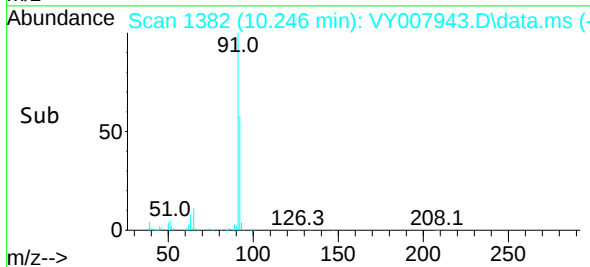
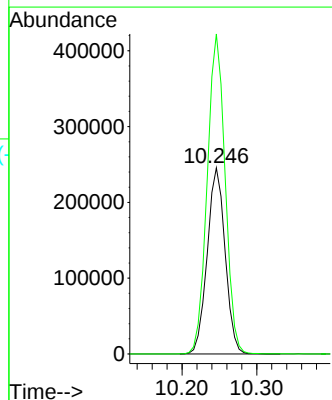
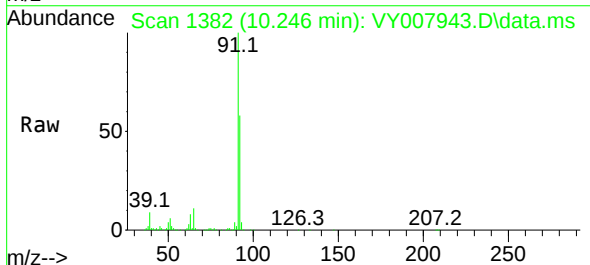
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

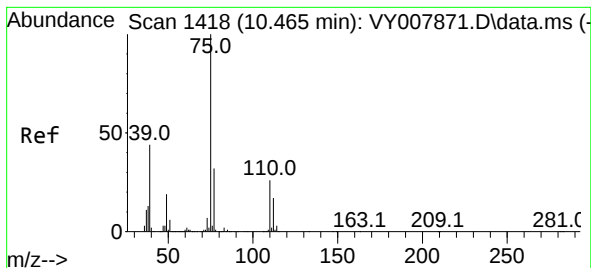
Tgt Ion: 43 Resp: 666254
Ion Ratio Lower Upper
43 100
58 41.0 28.1 42.1



#52
Toluene
Concen: 48.571 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 92 Resp: 408788
Ion Ratio Lower Upper
92 100
91 171.9 142.6 213.8

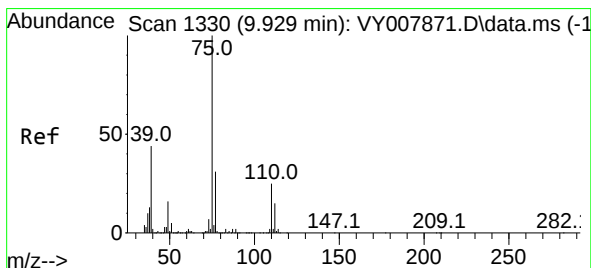
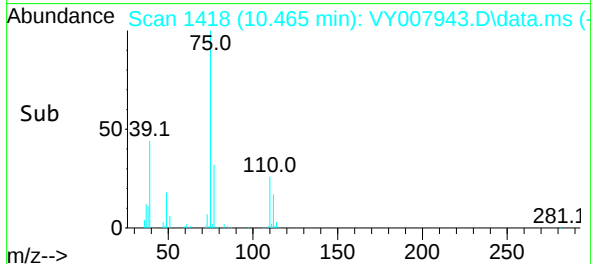
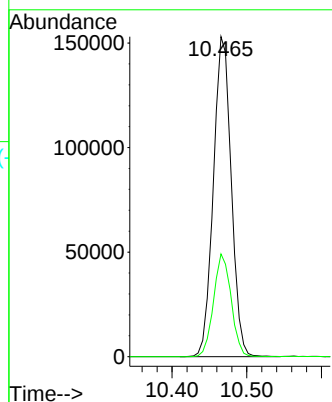
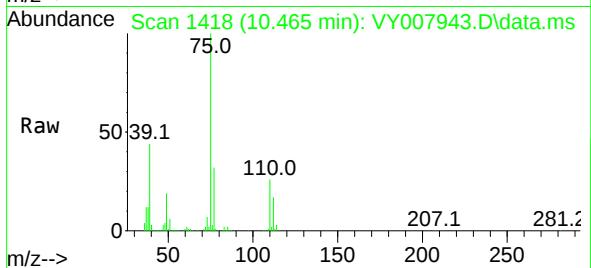




#53
t-1,3-Dichloropropene
Concen: 49.664 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

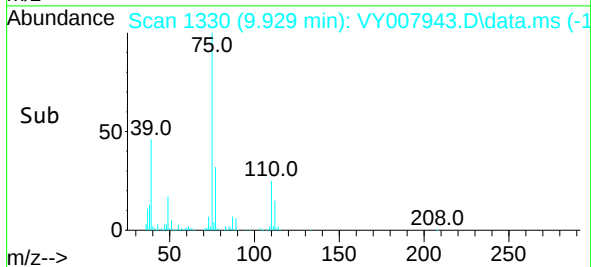
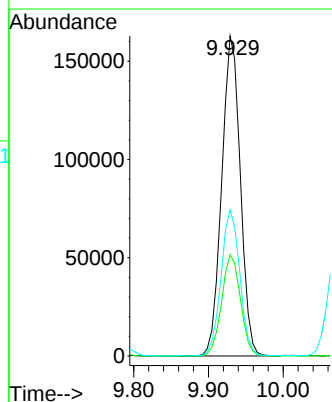
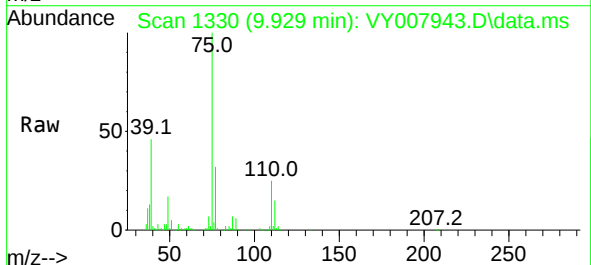
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

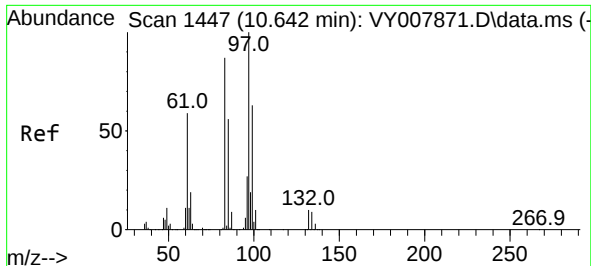
Tgt Ion: 75 Resp: 254077
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 49.391 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 75 Resp: 281778
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4
39 45.6 47.6 71.4#



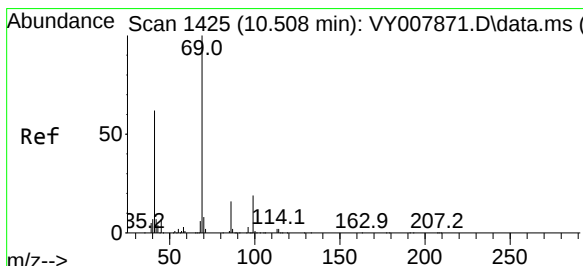
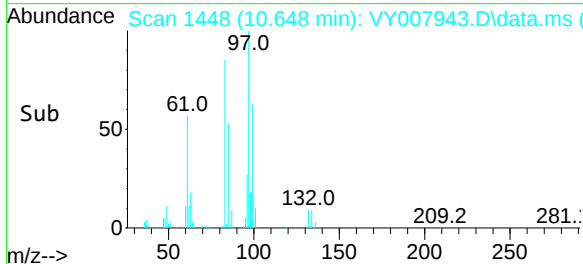
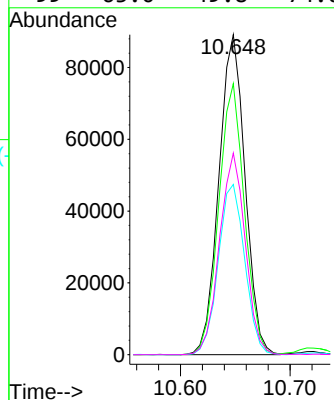
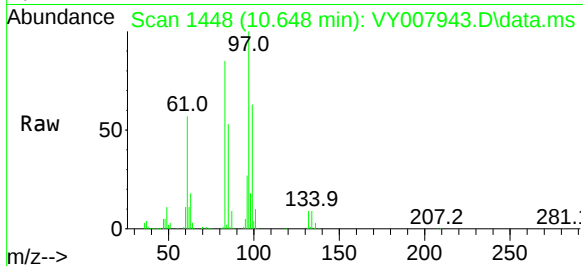


#55
1,1,2-Trichloroethane
Concen: 51.316 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 147996

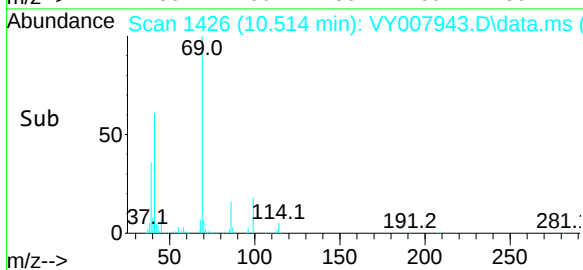
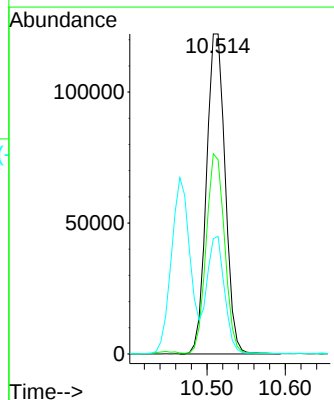
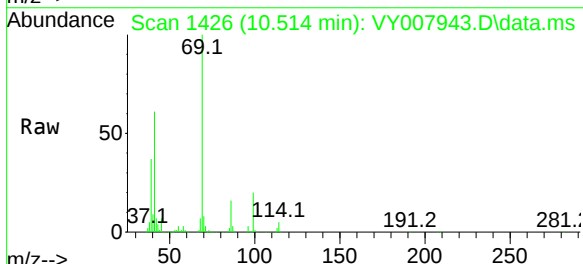
Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.8	104.8
85	53.2	44.3	66.5
99	63.0	49.8	74.6

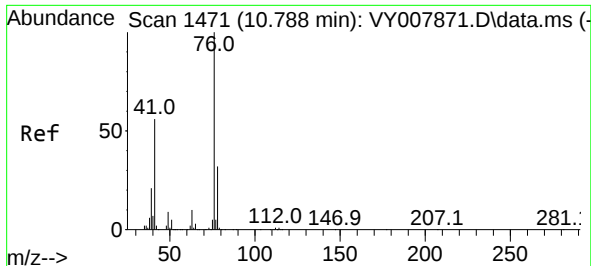


#56
Ethyl methacrylate
Concen: 48.805 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 69 Resp: 202069

Ion	Ratio	Lower	Upper
69	100		
41	61.6	63.4	95.0#
39	34.7	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 49.907 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

Instrument :

MSVOA_Y

ClientSampleId :

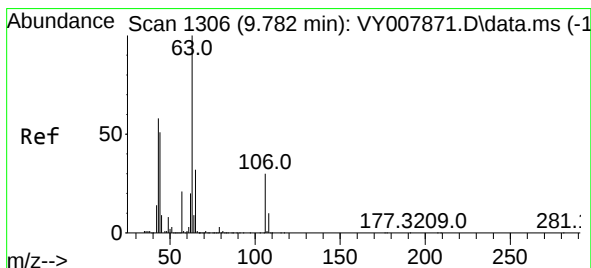
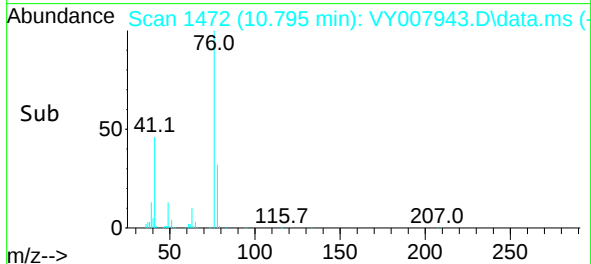
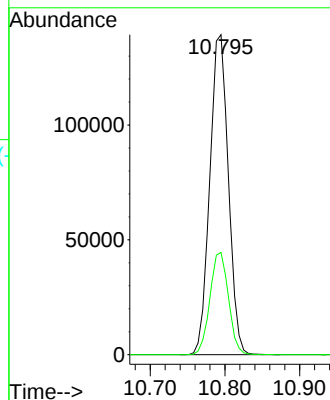
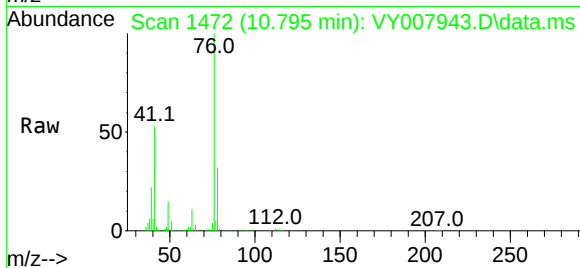
VSTDCCC050

Tgt Ion: 76 Resp: 240027

Ion Ratio Lower Upper

76 100

78 31.9 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 245.405 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY007943.D

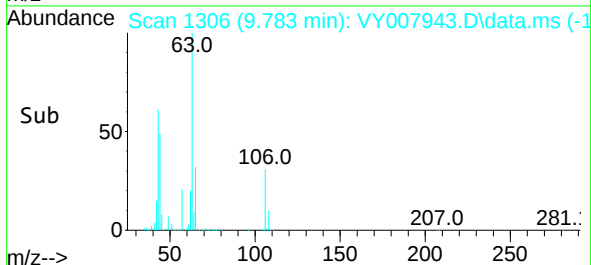
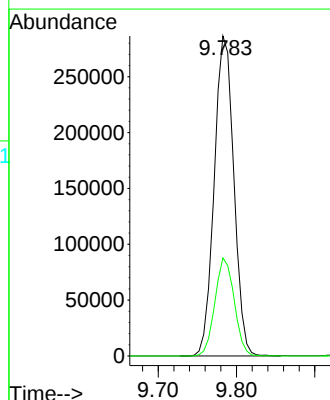
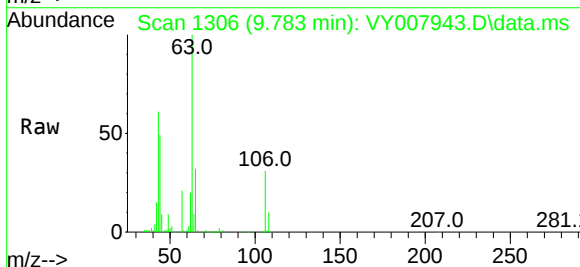
Acq: 21 Mar 2022 09:40

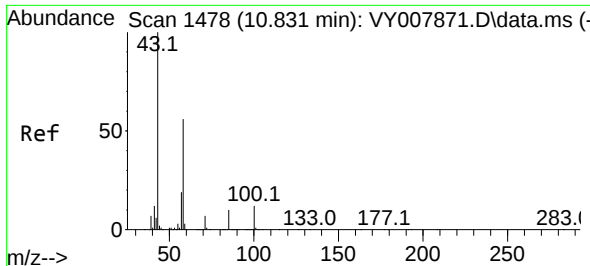
Tgt Ion: 63 Resp: 498442

Ion Ratio Lower Upper

63 100

106 30.1 21.5 32.3

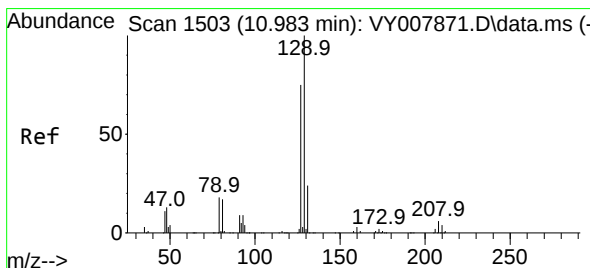
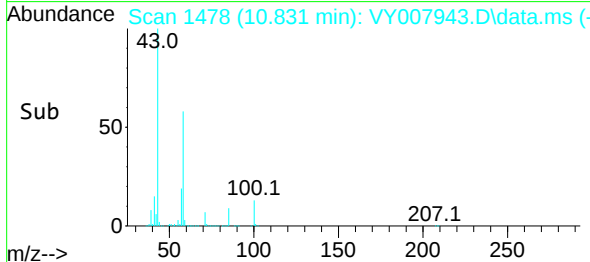
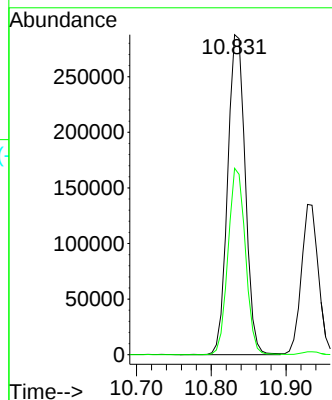
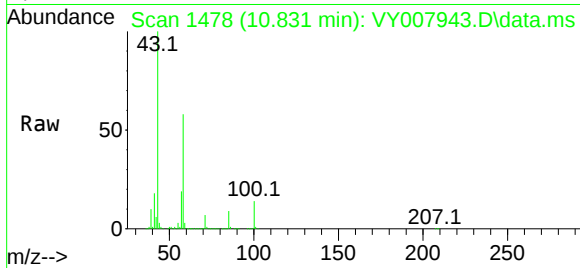




#59
2-Hexanone
Concen: 237.381 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

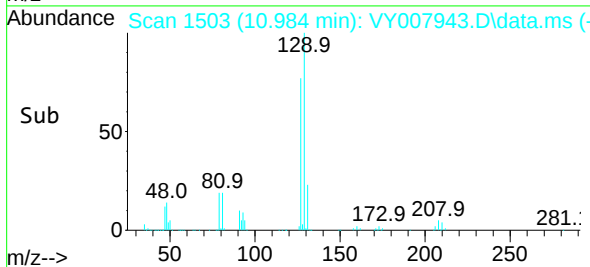
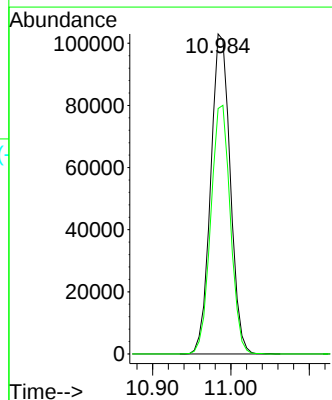
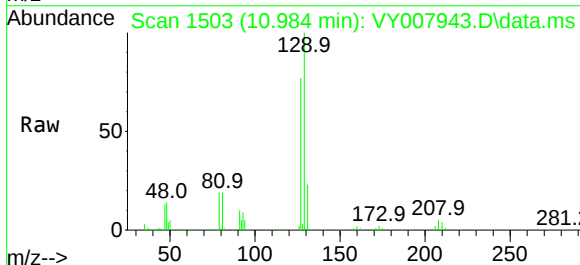
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

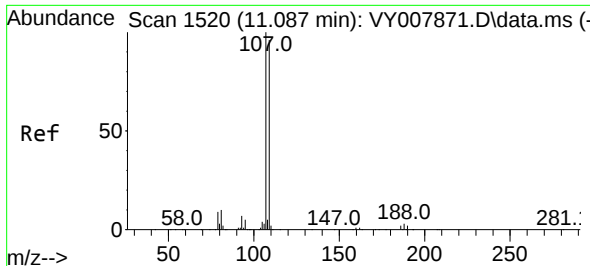
Tgt Ion: 43 Resp: 471823
Ion Ratio Lower Upper
43 100
58 57.5 24.4 73.4



#60
Dibromochloromethane
Concen: 51.639 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion:129 Resp: 178369
Ion Ratio Lower Upper
129 100
127 77.7 38.7 116.1

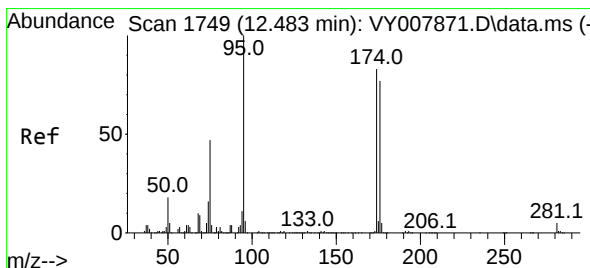
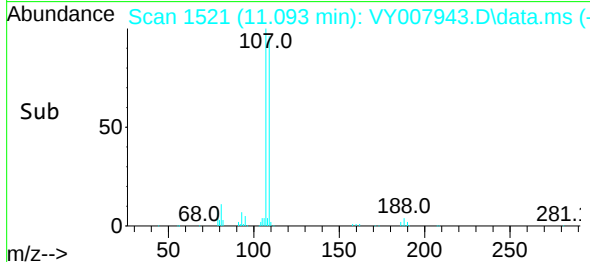
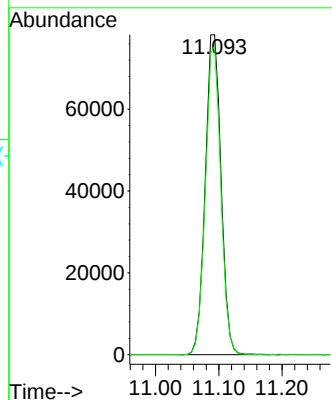
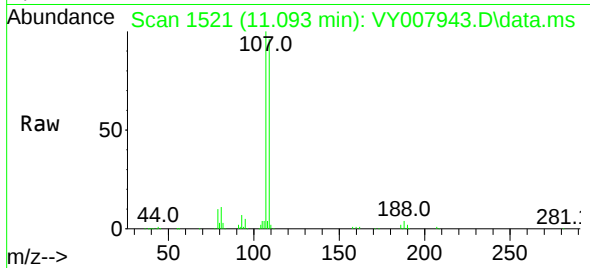




#61
1,2-Dibromoethane
Concen: 48.673 ug/l
RT: 11.093 min Scan# 1520
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

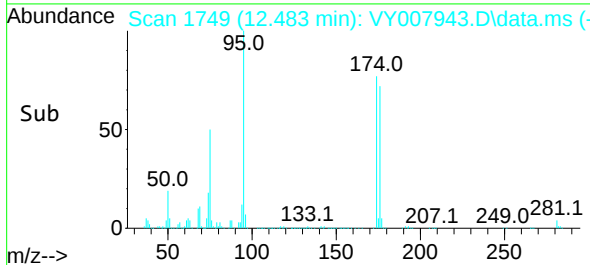
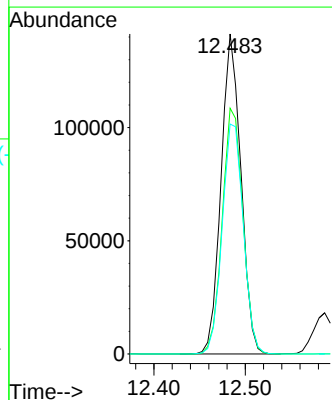
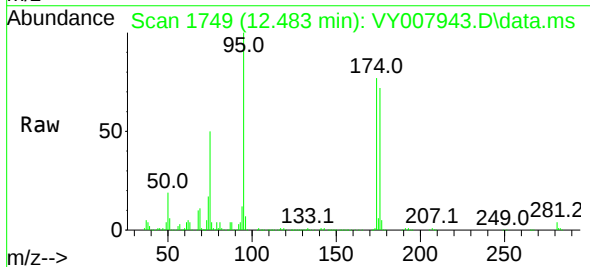
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

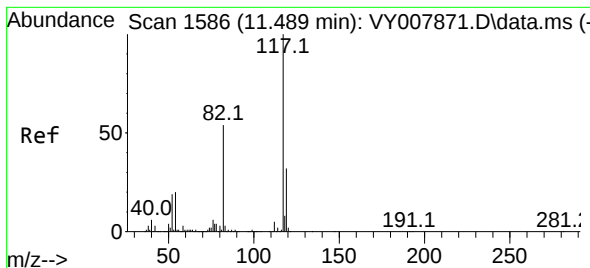
Tgt Ion:107 Resp: 135801
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 49.222 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 95 Resp: 213599
Ion Ratio Lower Upper
95 100
174 79.7 0.0 177.0
176 76.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

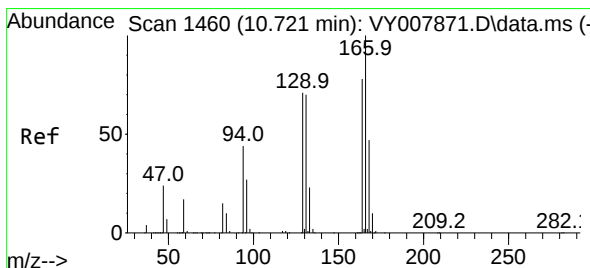
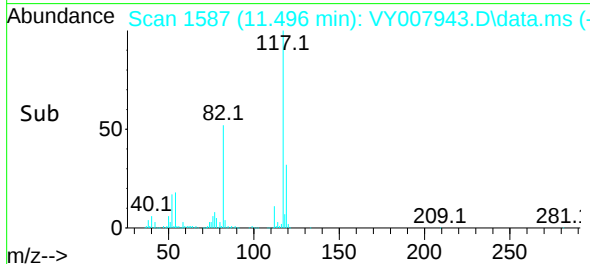
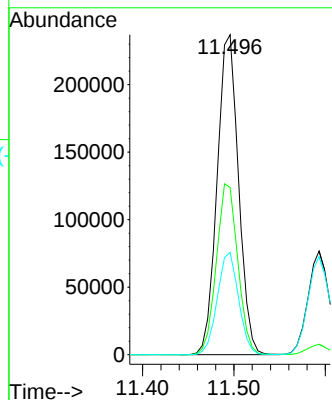
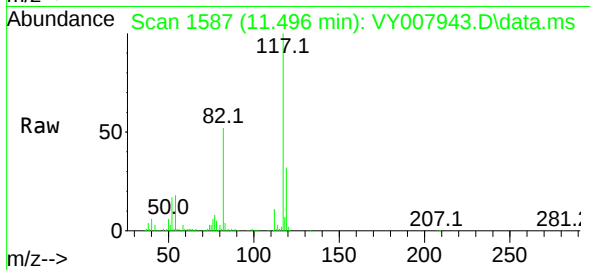
Tgt Ion:117 Resp: 386051

Ion Ratio Lower Upper

117 100

82 52.3 43.0 64.4

119 31.9 25.4 38.0



#64

Tetrachloroethene

Concen: 46.211 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

Tgt Ion:164 Resp: 138821

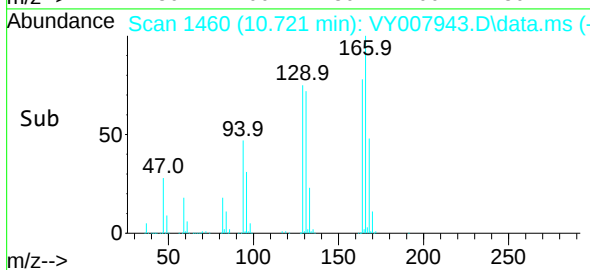
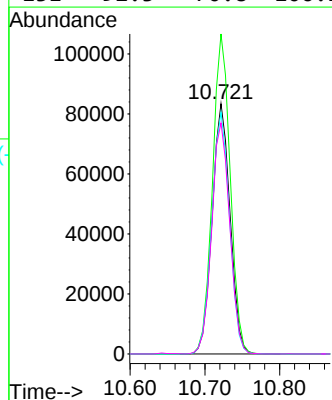
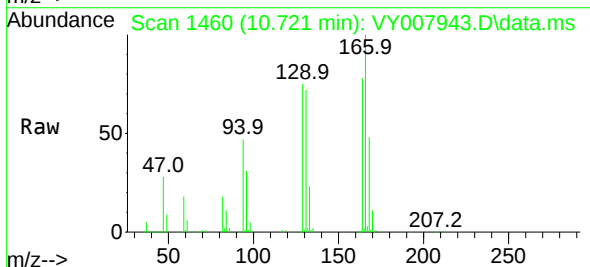
Ion Ratio Lower Upper

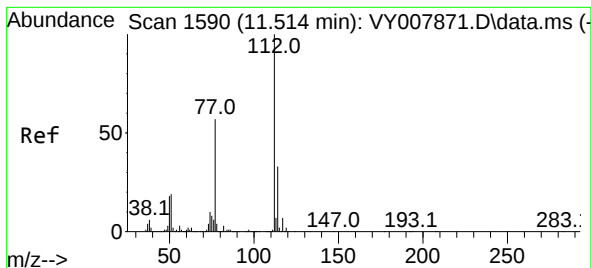
164 100

166 127.9 100.4 150.6

129 96.5 71.4 107.0

131 92.3 70.8 106.2





#65

Chlorobenzene

Concen: 49.631 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

Instrument :

MSVOA_Y

ClientSampleId :

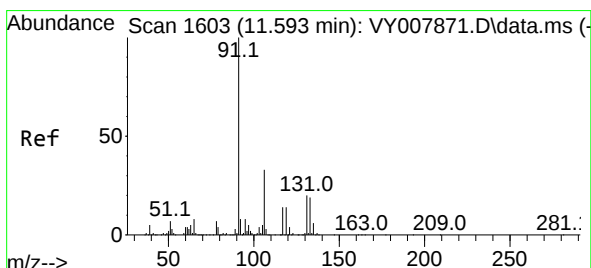
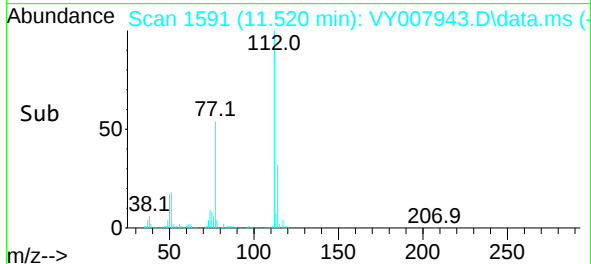
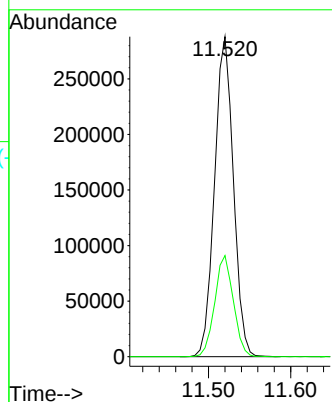
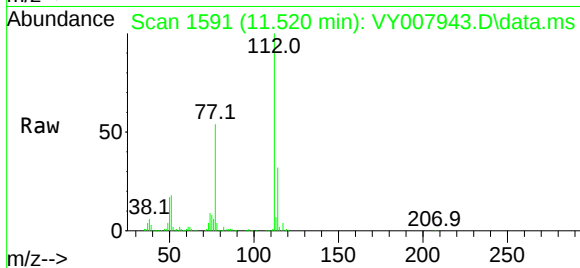
VSTDCCC050

Tgt Ion:112 Resp: 458976

Ion Ratio Lower Upper

112 100

114 31.6 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.186 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

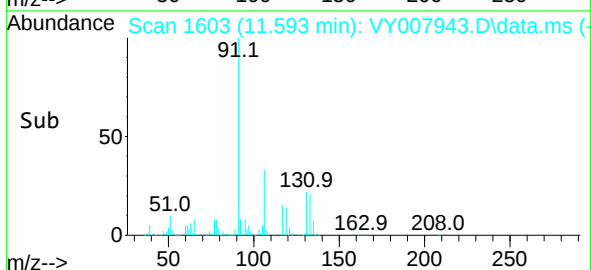
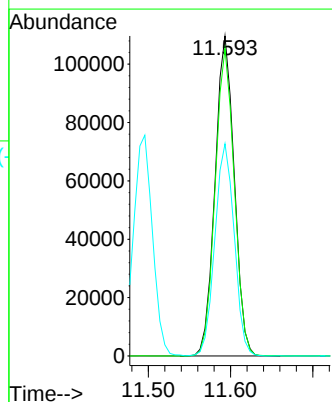
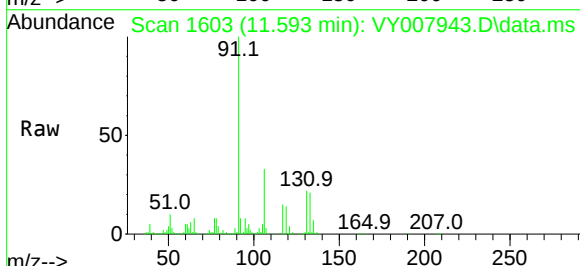
Tgt Ion:131 Resp: 178223

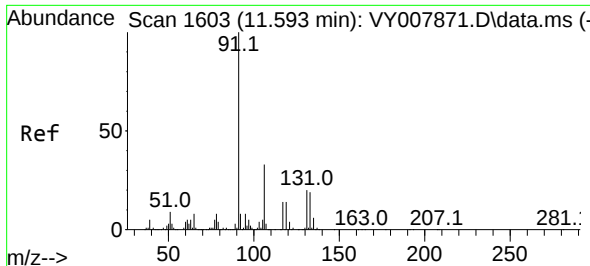
Ion Ratio Lower Upper

131 100

133 95.5 47.9 143.6

119 66.7 30.8 92.3





#67

Ethyl Benzene

Concen: 48.691 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

Instrument :

MSVOA_Y

ClientSampleId :

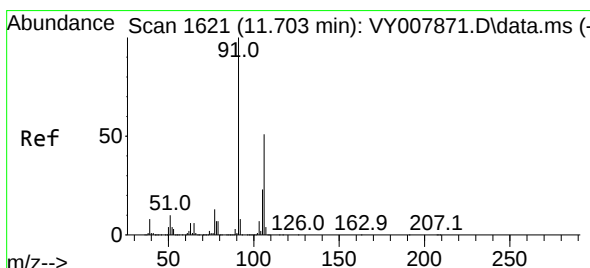
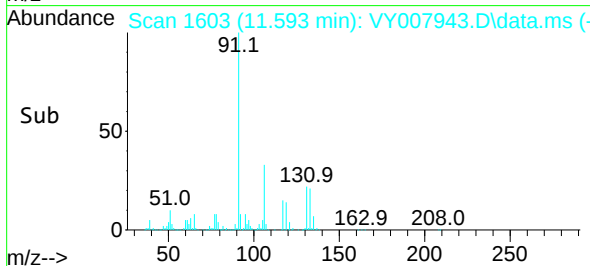
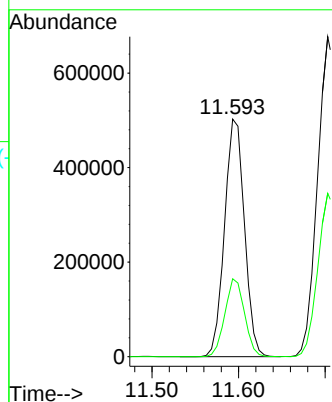
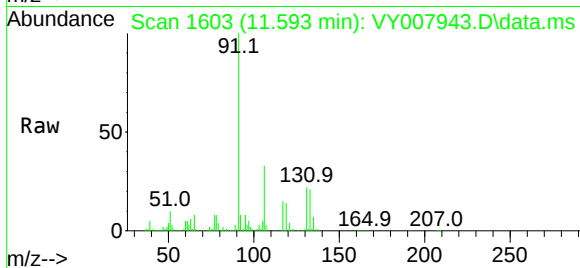
VSTDCCC050

Tgt Ion: 91 Resp: 802107

Ion Ratio Lower Upper

91 100

106 32.8 24.5 36.7



#68

m/p-Xylenes

Concen: 97.121 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY007943.D

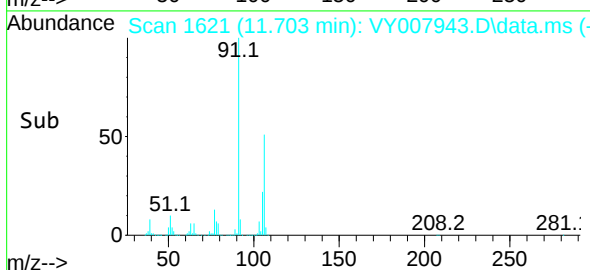
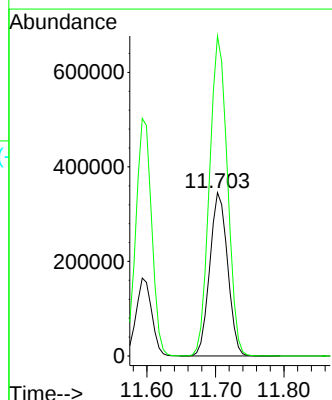
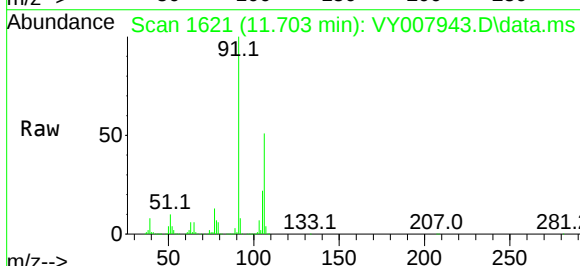
Acq: 21 Mar 2022 09:40

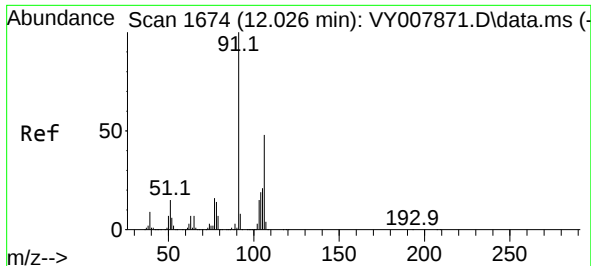
Tgt Ion: 106 Resp: 624098

Ion Ratio Lower Upper

106 100

91 197.2 166.6 249.8

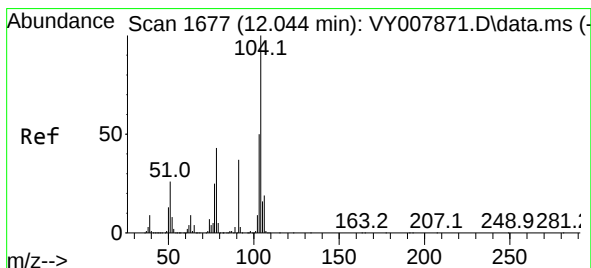
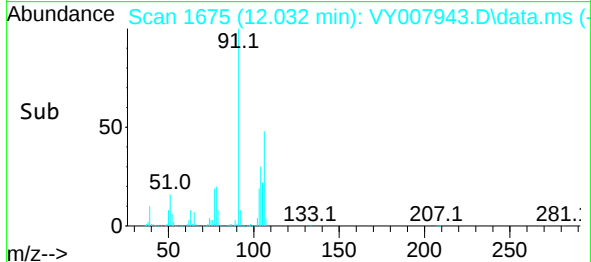
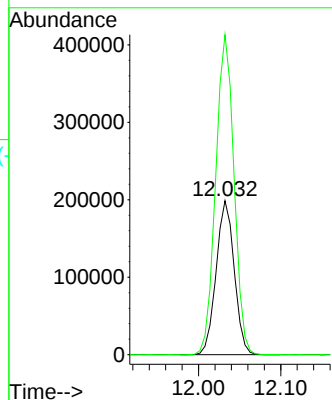
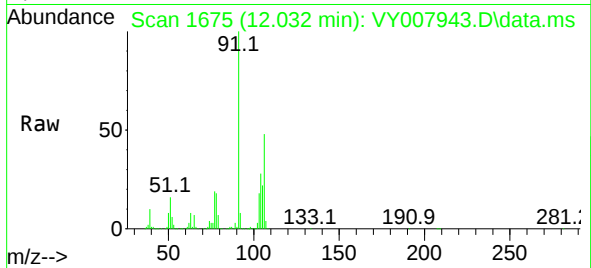




#69
o-Xylene
Concen: 48.894 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

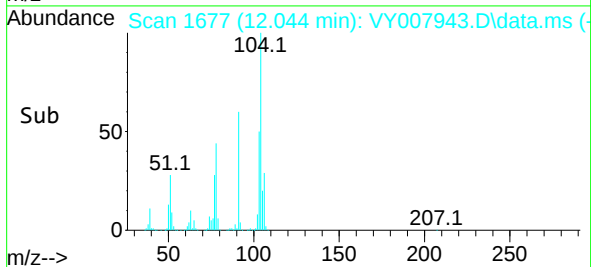
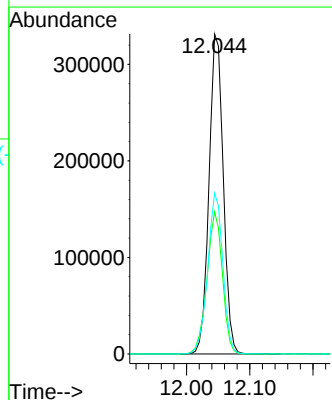
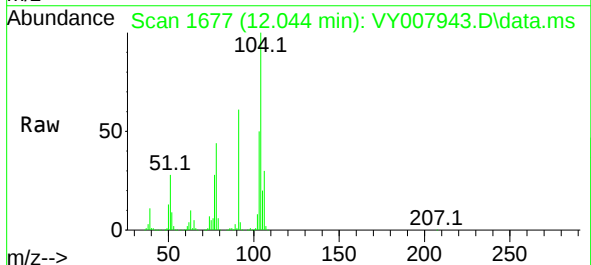
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

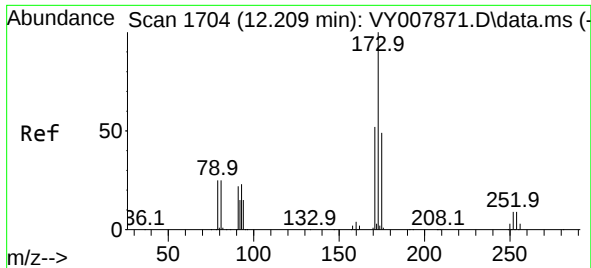
Tgt Ion:106 Resp: 303914
Ion Ratio Lower Upper
106 100
91 210.7 110.3 331.0



#70
Styrene
Concen: 49.742 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion:104 Resp: 519824
Ion Ratio Lower Upper
104 100
78 48.2 42.4 63.6
103 53.7 44.4 66.6

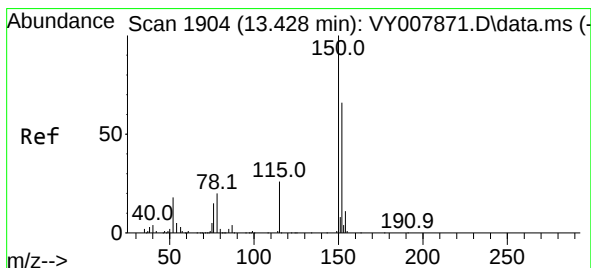
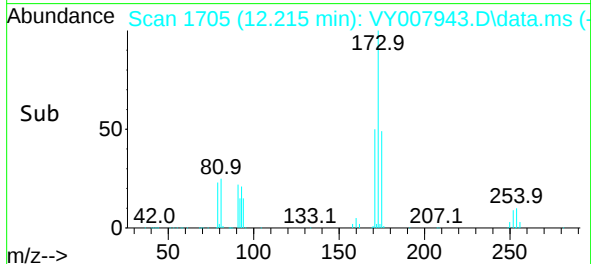
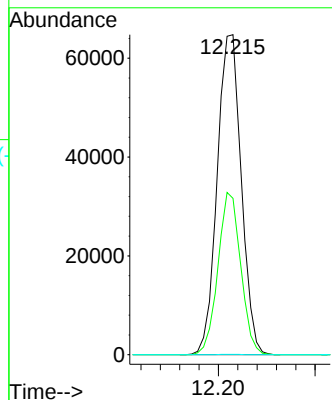
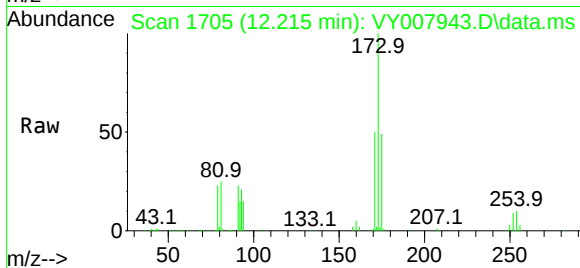




#71
Bromoform
Concen: 50.100 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

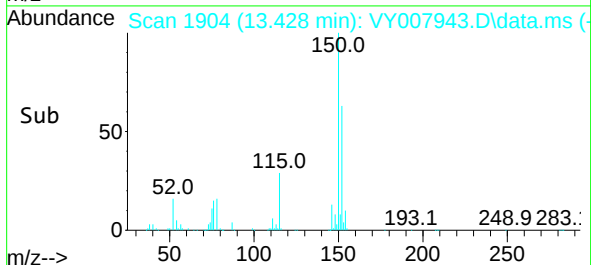
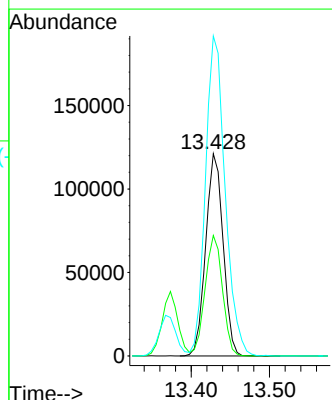
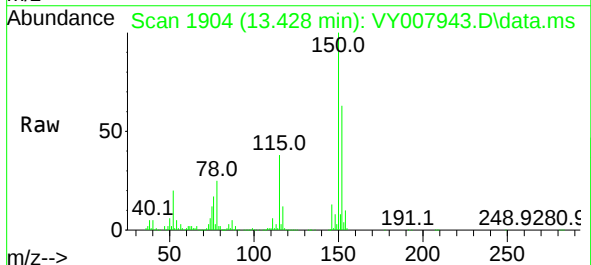
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

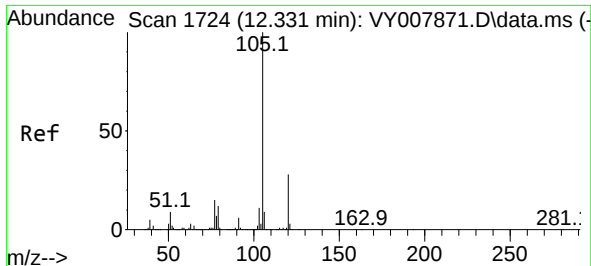
Tgt Ion:173 Resp: 111734
Ion Ratio Lower Upper
173 100
175 48.0 24.6 74.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion:152 Resp: 186571
Ion Ratio Lower Upper
152 100
115 59.4 28.2 84.7
150 178.5 0.0 347.6

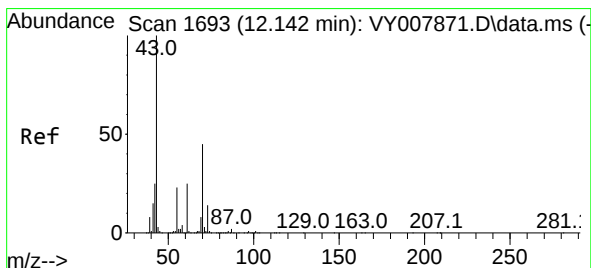
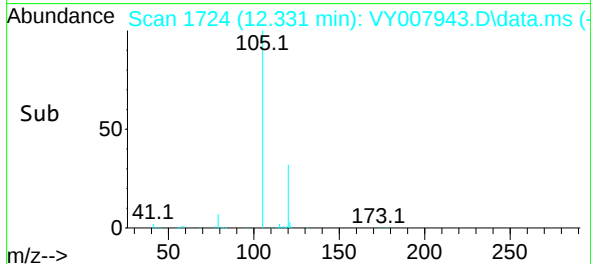
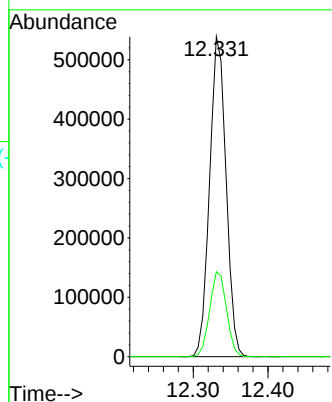
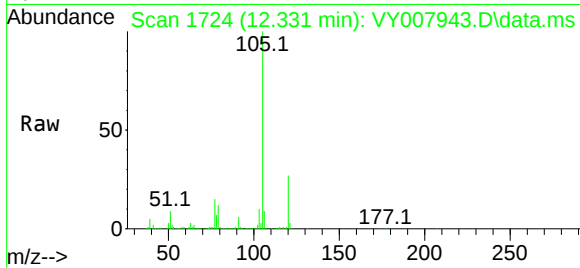




#73
Isopropylbenzene
Concen: 50.215 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

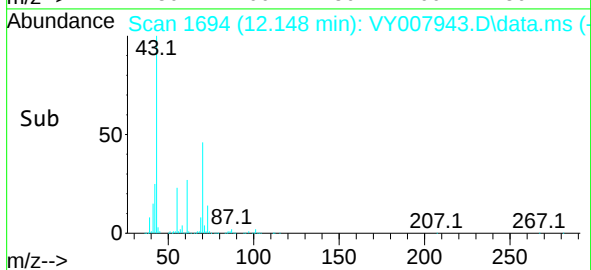
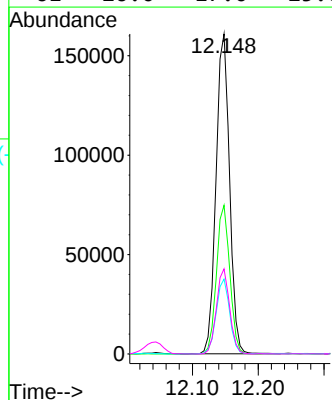
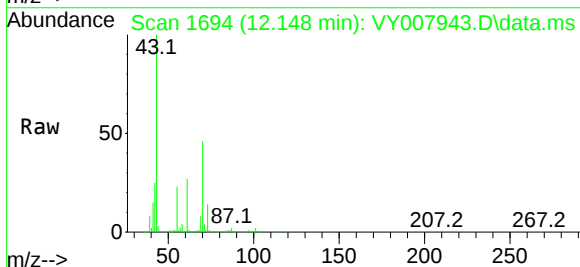
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

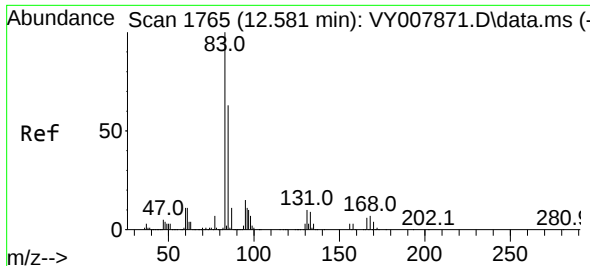
Tgt Ion:105 Resp: 824649
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 47.518 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 43 Resp: 230230
Ion Ratio Lower Upper
43 100
70 45.9 28.7 43.1#
55 23.5 17.3 25.9
61 26.0 17.0 25.6#

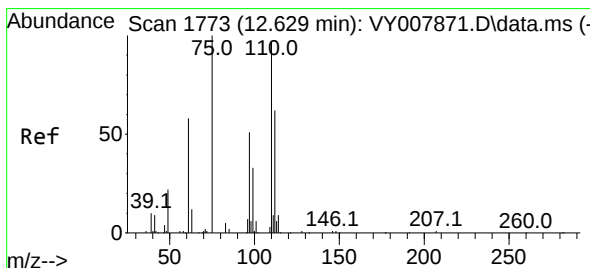
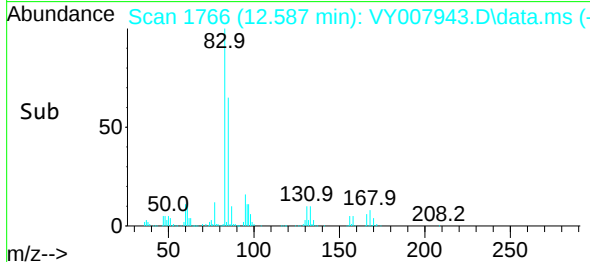
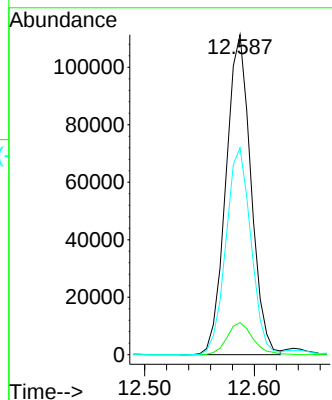
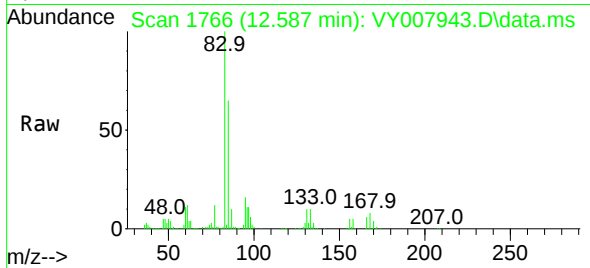




#75
1,1,2,2-Tetrachloroethane
Concen: 49.855 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

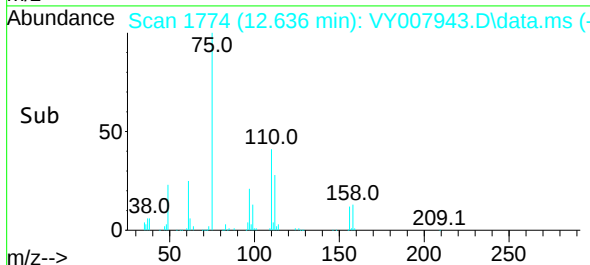
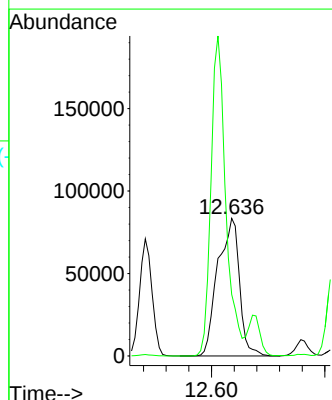
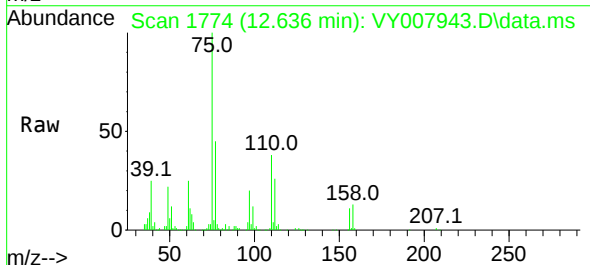
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

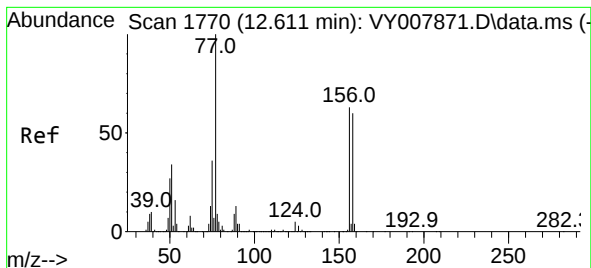
Tgt Ion: 83 Resp: 176237
Ion Ratio Lower Upper
83 100
131 10.3 5.6 16.8
85 64.8 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 83.075 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 75 Resp: 220919
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.100 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

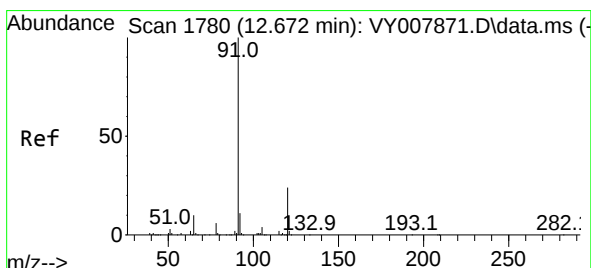
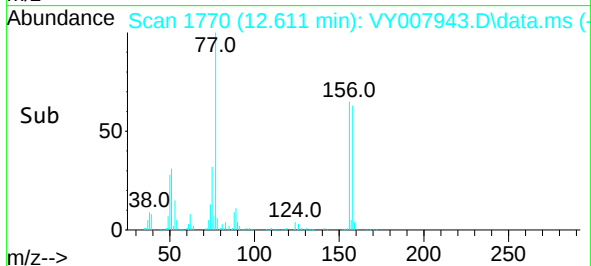
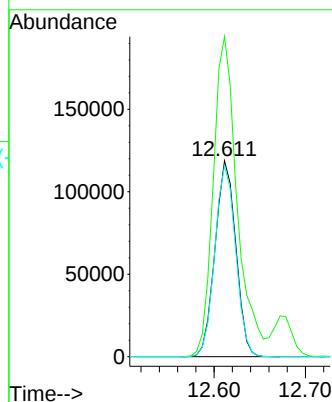
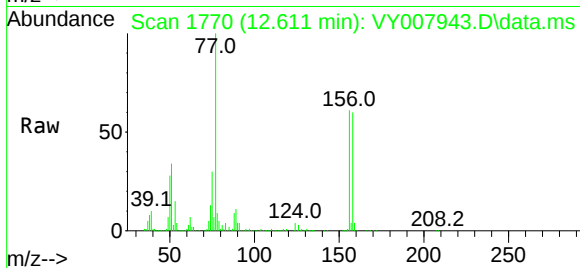
Tgt Ion:156 Resp: 188013

Ion Ratio Lower Upper

156 100

77 187.2 95.5 286.4

158 97.7 48.0 144.0



#78

n-propylbenzene

Concen: 49.402 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY007943.D

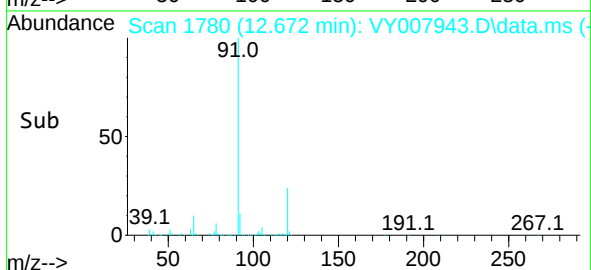
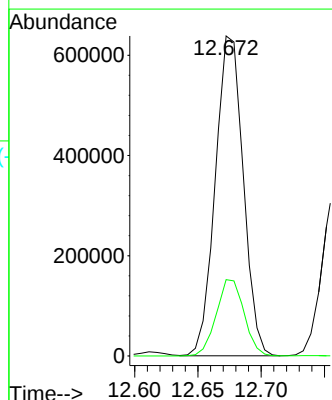
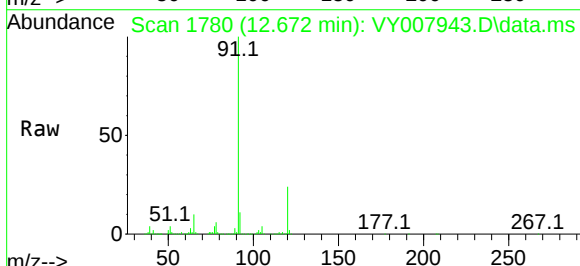
Acq: 21 Mar 2022 09:40

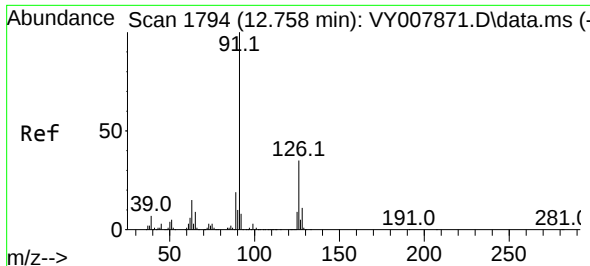
Tgt Ion: 91 Resp: 979672

Ion Ratio Lower Upper

91 100

120 23.8 11.3 33.9

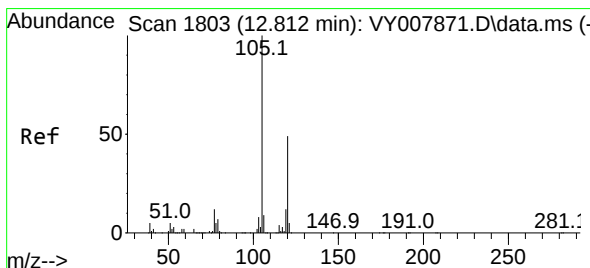
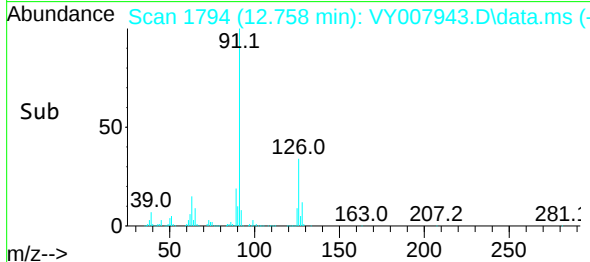
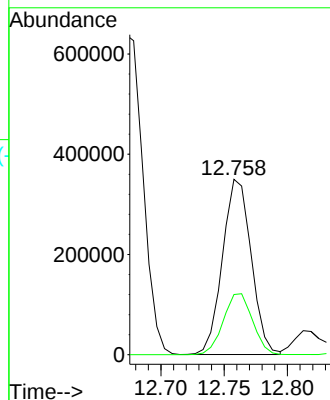
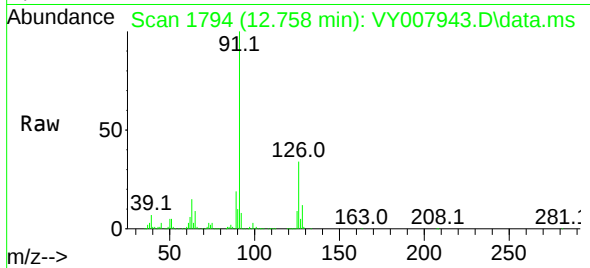




#79
2-Chlorotoluene
Concen: 49.592 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

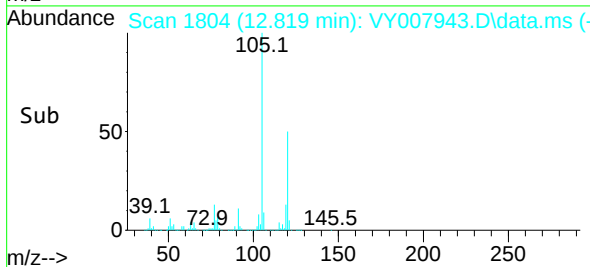
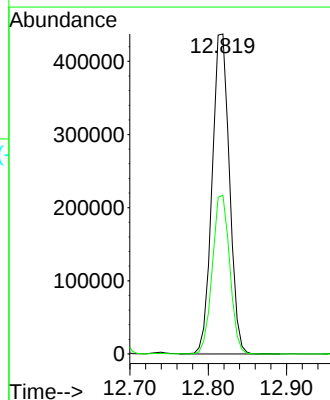
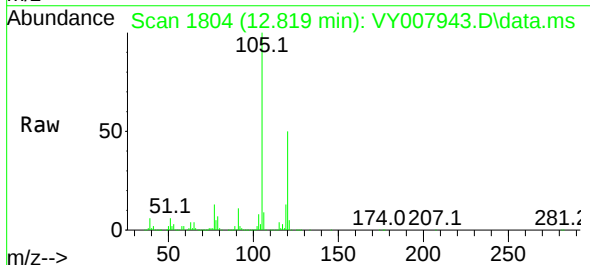
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

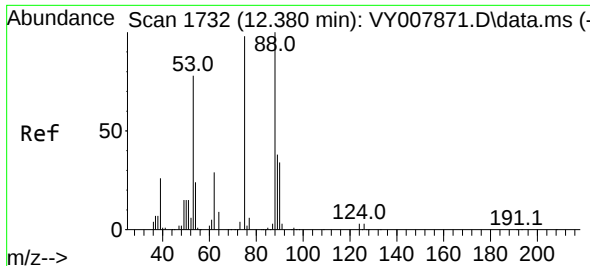
Tgt Ion: 91 Resp: 553292
Ion Ratio Lower Upper
91 100
126 35.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 49.777 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 105 Resp: 672251
Ion Ratio Lower Upper
105 100
120 49.7 24.4 73.4

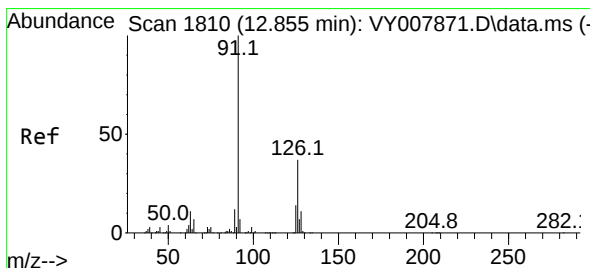
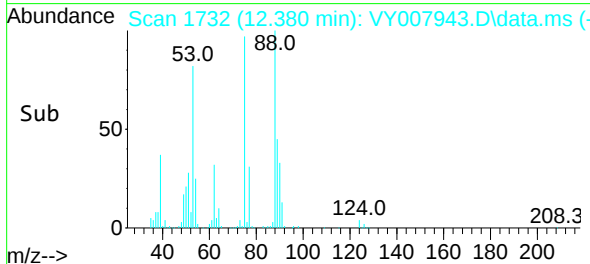
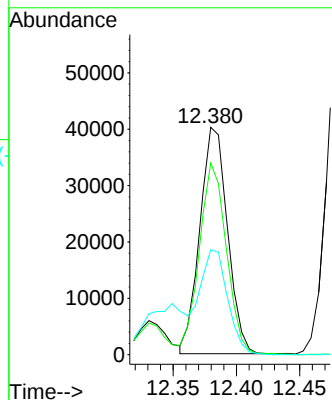
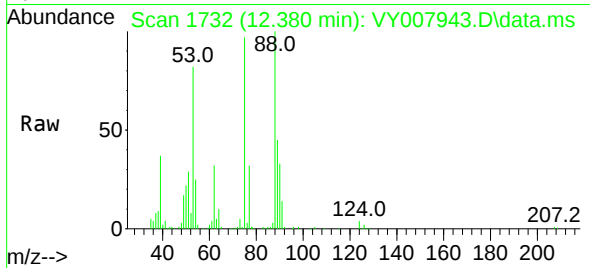




#81
trans-1,4-Dichloro-2-butene
Concen: 48.348 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

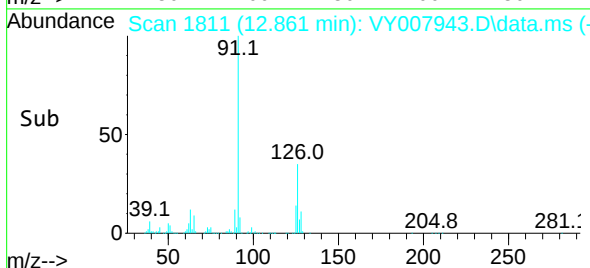
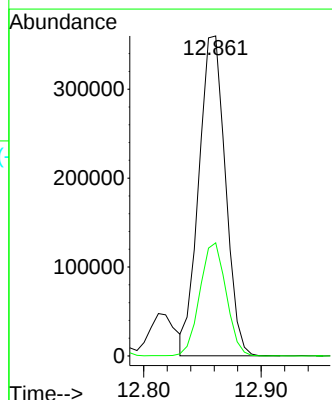
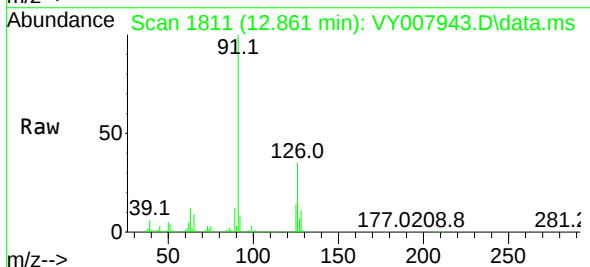
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

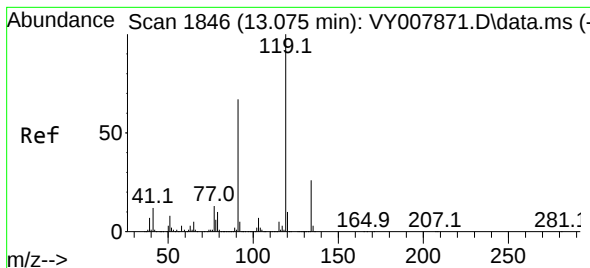
Tgt Ion: 75 Resp: 61212
Ion Ratio Lower Upper
75 100
53 83.1 85.3 127.9#
89 47.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 48.739 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 91 Resp: 564902
Ion Ratio Lower Upper
91 100
126 35.0 17.0 51.0





#83

tert-Butylbenzene

Concen: 51.377 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

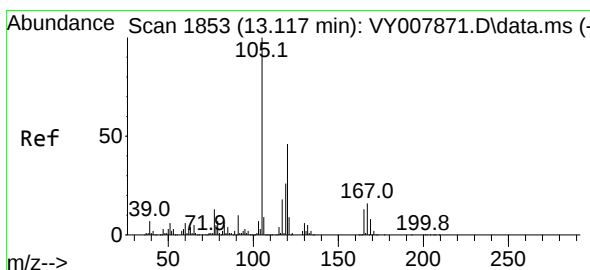
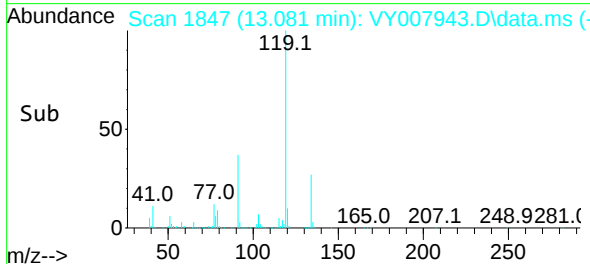
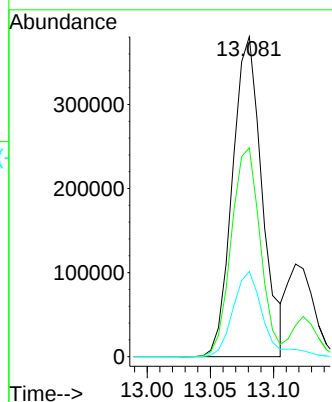
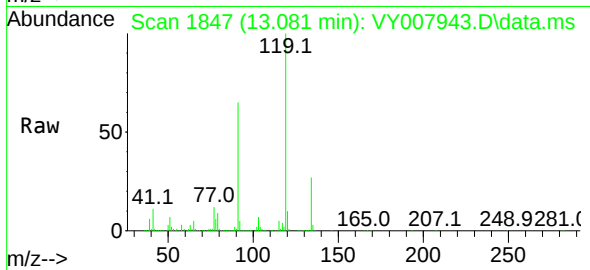
Tgt Ion:119 Resp: 620903

Ion Ratio Lower Upper

119 100

91 63.8 34.8 104.4

134 27.4 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 49.333 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY007943.D

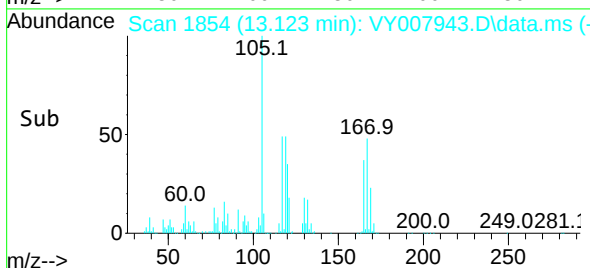
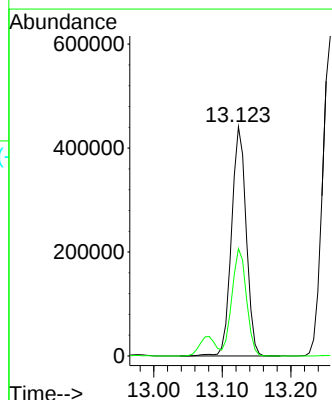
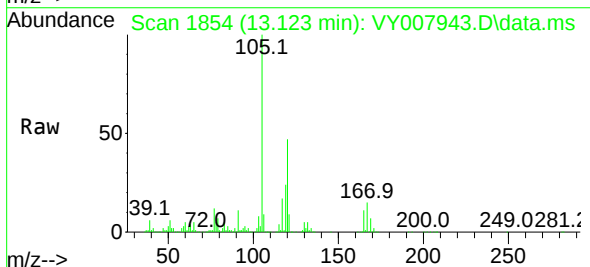
Acq: 21 Mar 2022 09:40

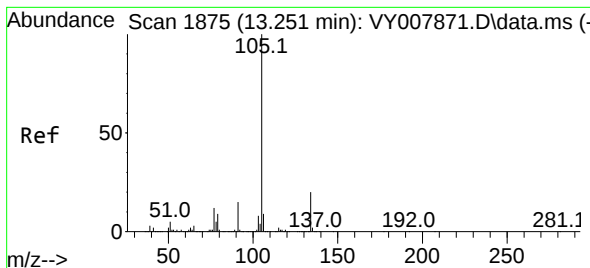
Tgt Ion:105 Resp: 653108

Ion Ratio Lower Upper

105 100

120 46.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.476 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

Instrument :

MSVOA_Y

ClientSampleId :

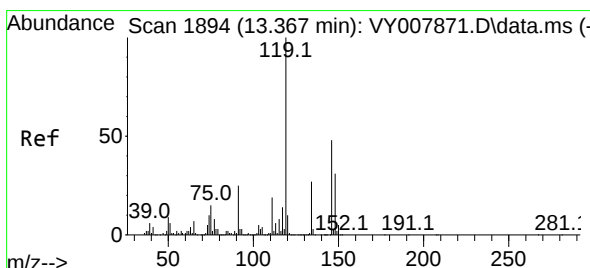
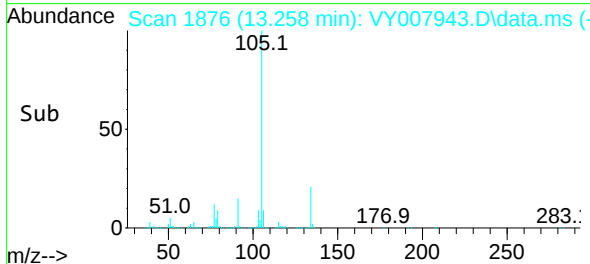
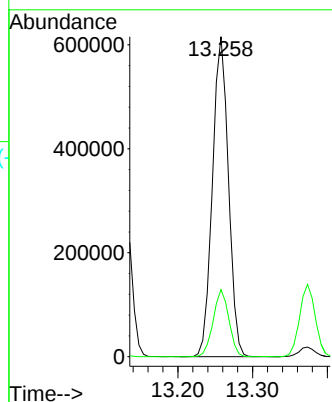
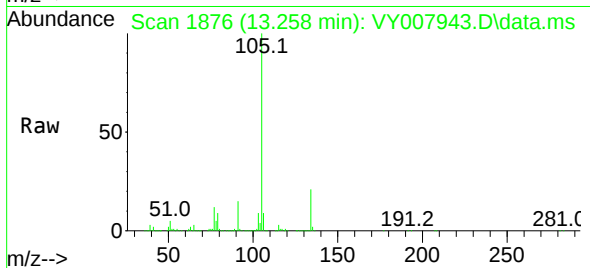
VSTDCCC050

Tgt Ion:105 Resp: 914207

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 49.940 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

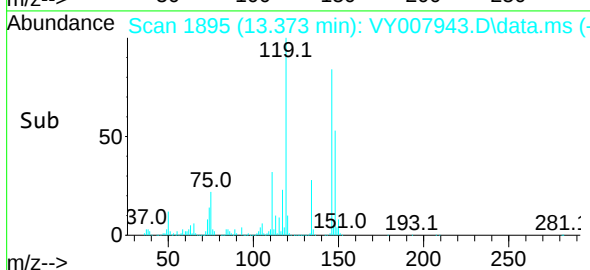
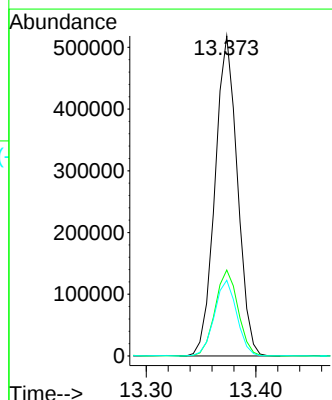
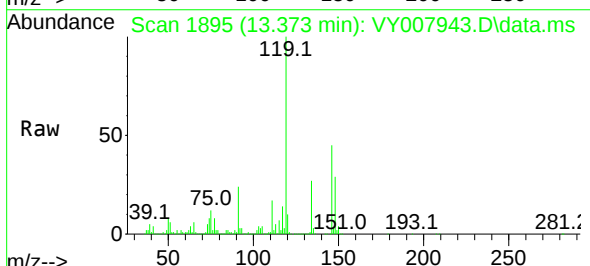
Tgt Ion:119 Resp: 734305

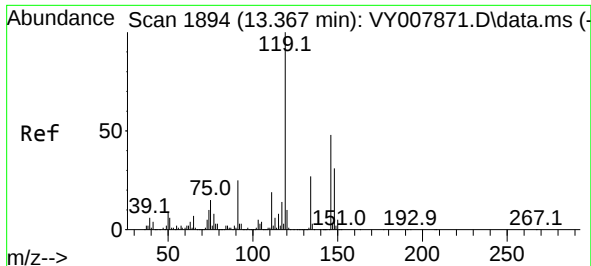
Ion Ratio Lower Upper

119 100

134 27.4 13.2 39.5

91 23.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.582 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

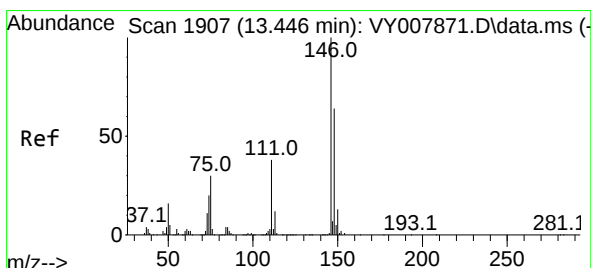
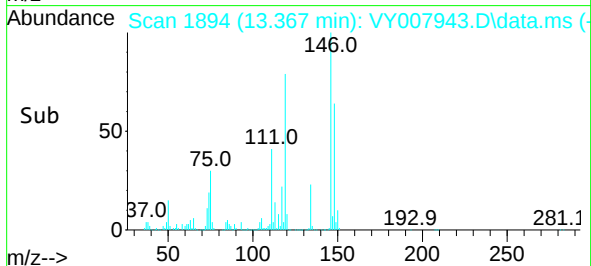
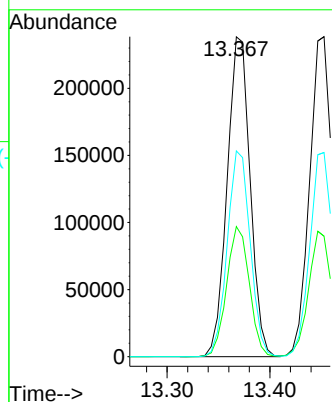
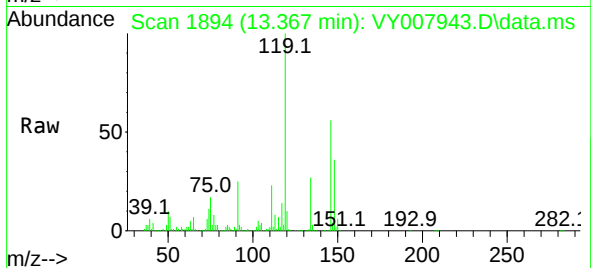
Tgt Ion:146 Resp: 370721

Ion Ratio Lower Upper

146 100

111 40.2 19.5 58.5

148 64.1 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 50.387 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

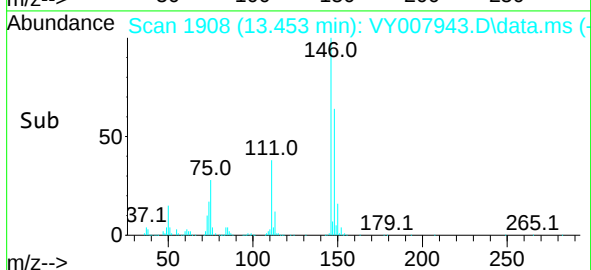
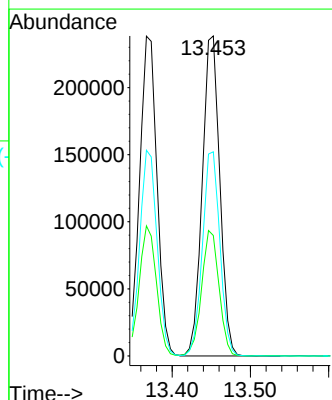
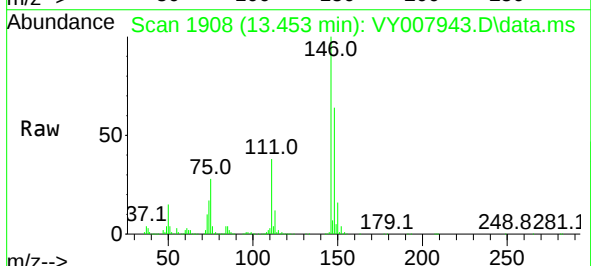
Tgt Ion:146 Resp: 370129

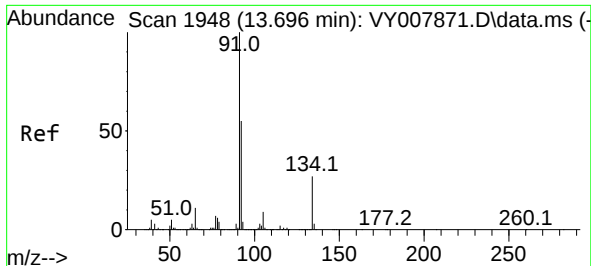
Ion Ratio Lower Upper

146 100

111 38.9 19.3 57.8

148 63.6 32.6 97.8

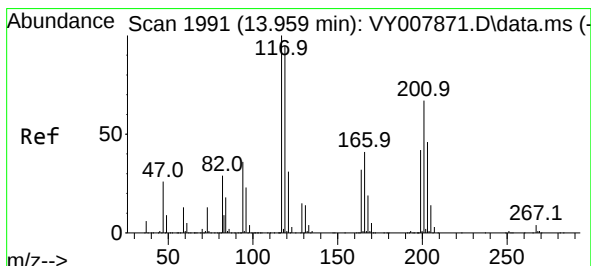
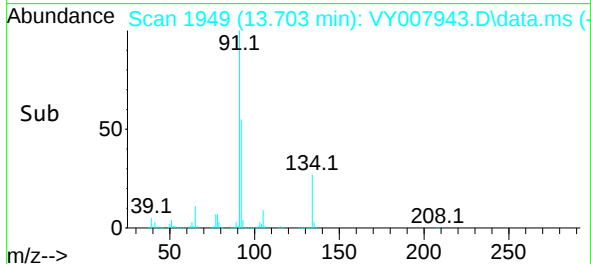
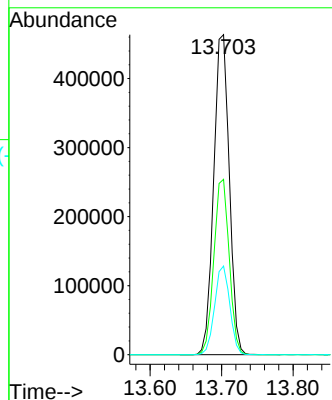
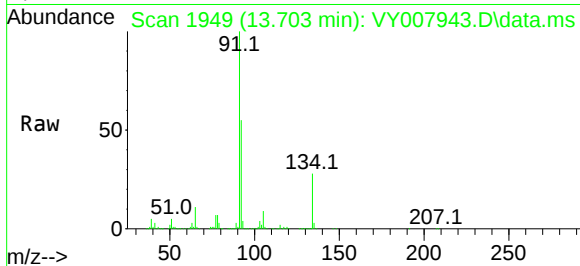




#89
n-Butylbenzene
Concen: 49.716 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

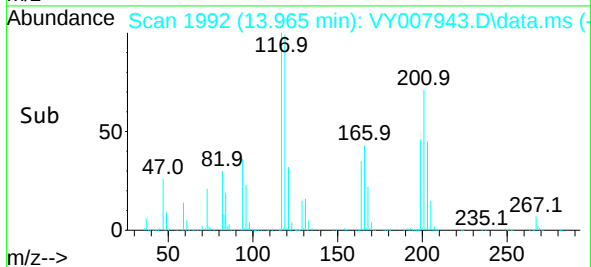
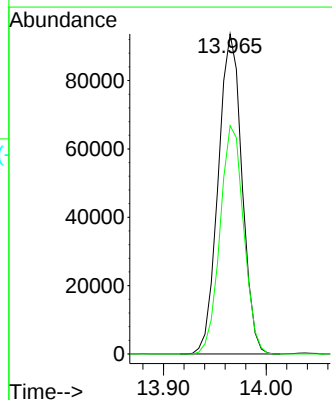
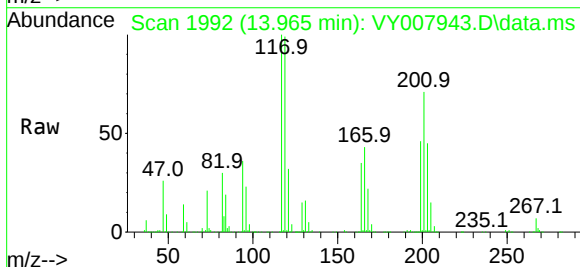
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

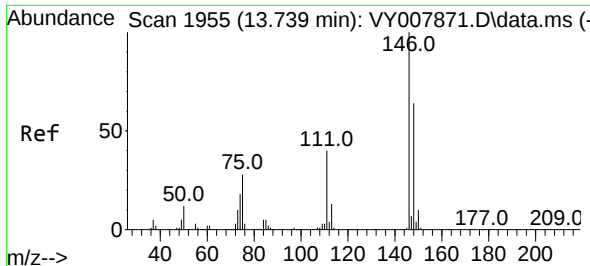
Tgt Ion: 91 Resp: 701532
Ion Ratio Lower Upper
91 100
92 54.1 26.3 78.9
134 27.0 13.0 38.9



#90
Hexachloroethane
Concen: 51.103 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 117 Resp: 149978
Ion Ratio Lower Upper
117 100
201 71.0 43.0 128.8

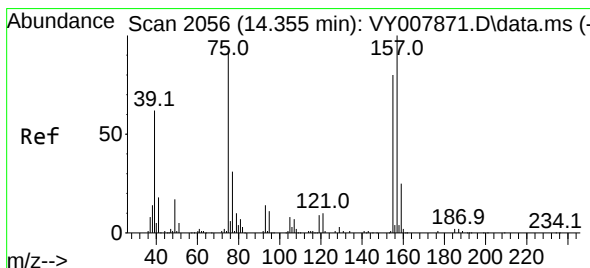
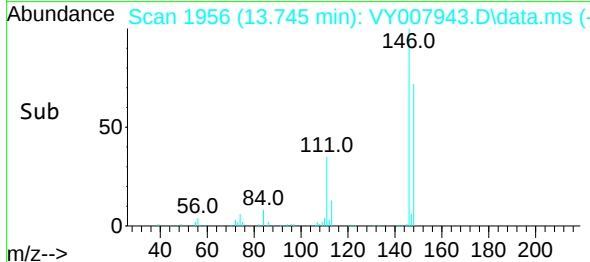
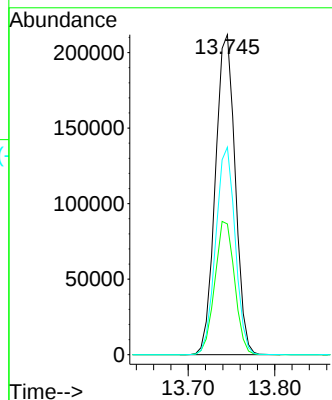
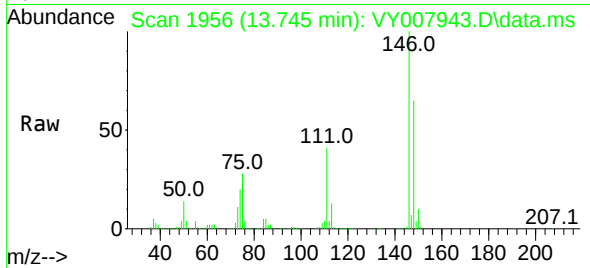




#91
1,2-Dichlorobenzene
Concen: 51.074 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

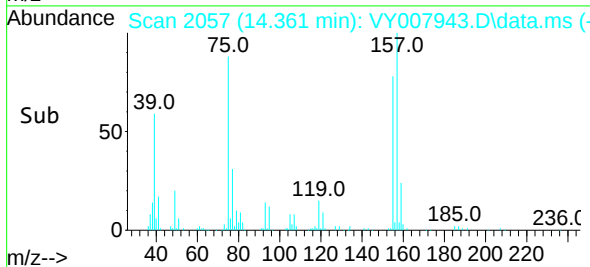
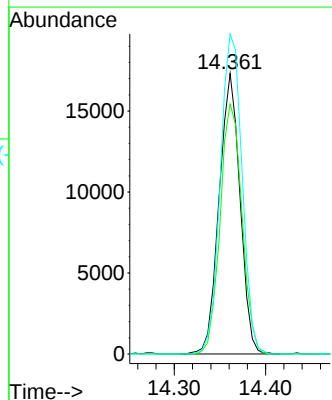
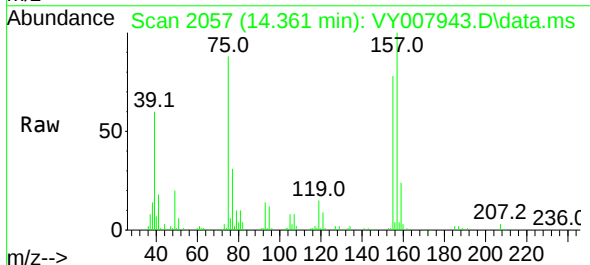
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

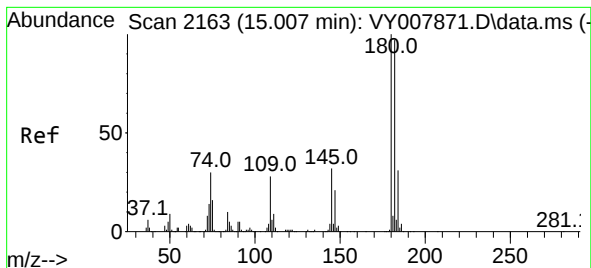
Tgt Ion:146 Resp: 336706
Ion Ratio Lower Upper
146 100
111 41.6 20.3 60.9
148 63.8 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.092 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY007943.D
Acq: 21 Mar 2022 09:40

Tgt Ion: 75 Resp: 27423
Ion Ratio Lower Upper
75 100
155 93.0 38.0 113.9
157 119.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 48.769 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

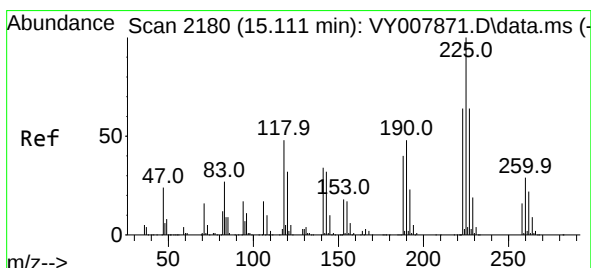
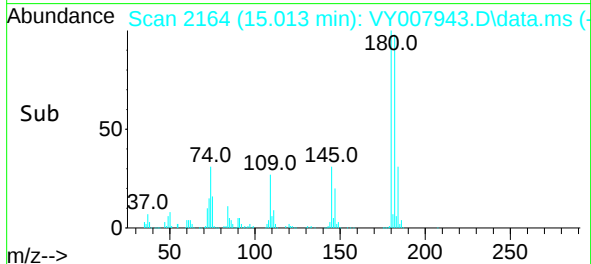
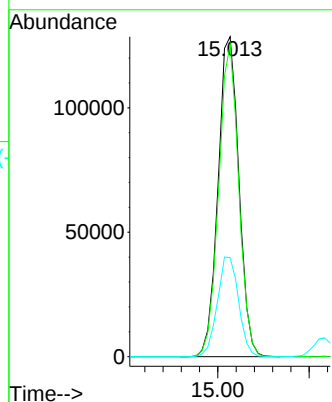
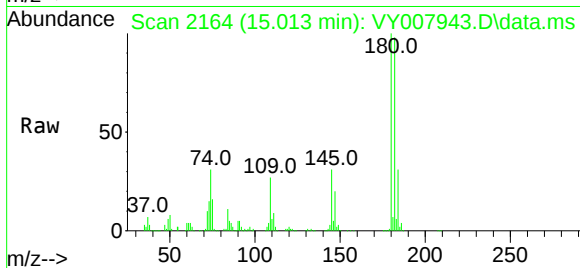
Tgt Ion:180 Resp: 203243

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.9

145 31.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 46.846 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

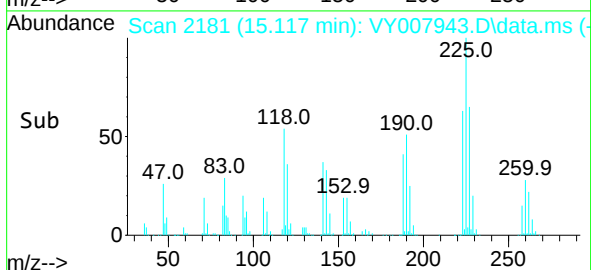
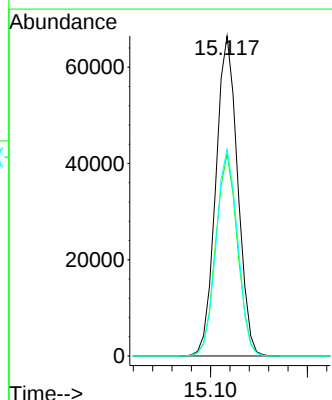
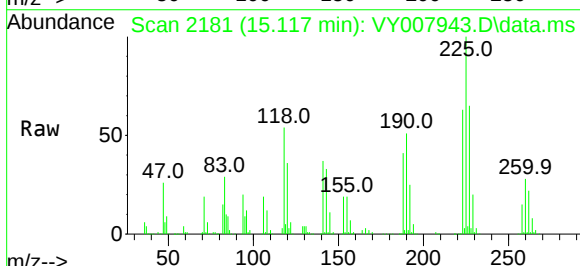
Tgt Ion:225 Resp: 104153

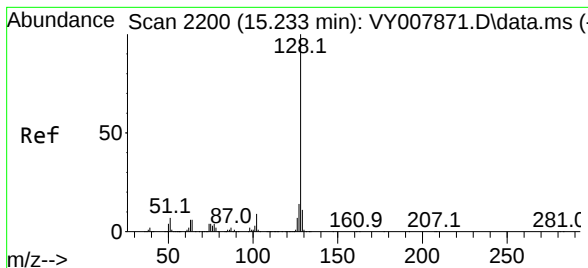
Ion Ratio Lower Upper

225 100

223 62.8 30.8 92.3

227 63.7 31.6 94.7





#95

Naphthalene

Concen: 48.967 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

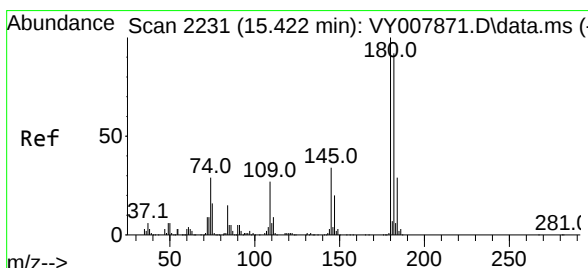
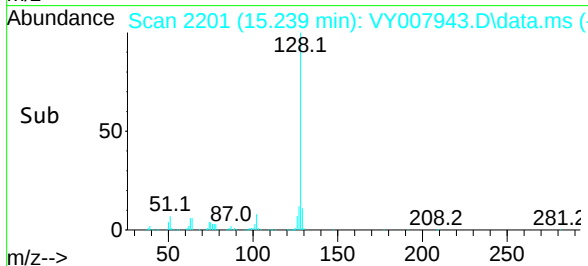
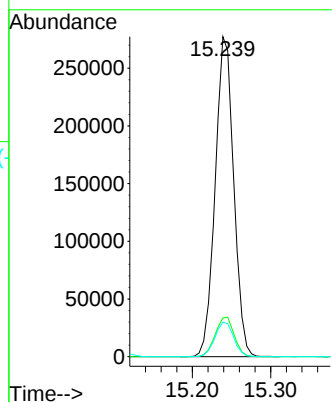
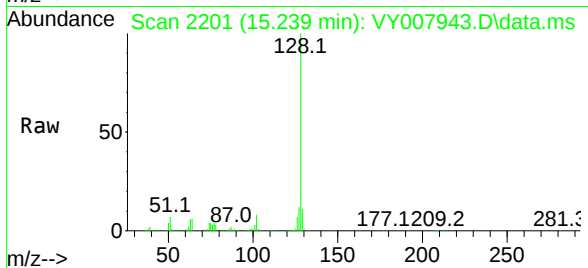
Tgt Ion:128 Resp: 455295

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 48.316 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY007943.D

Acq: 21 Mar 2022 09:40

Tgt Ion:180 Resp: 177592

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.9

145 34.1 15.3 45.9

