

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009283.D
 Acq On : 23 Jun 2022 09:28
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 24 09:20:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	192381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	309981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	266938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126959	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	98163	46.460	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.920%
35) Dibromofluoromethane	7.716	113	102481	51.049	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.100%
50) Toluene-d8	10.179	98	362938	47.063	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.120%
62) 4-Bromofluorobenzene	12.483	95	127860	47.183	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	56510	40.090	ug/l	98
3) Chloromethane	2.113	50	74245	42.919	ug/l	98
4) Vinyl Chloride	2.247	62	85111	44.295	ug/l	97
5) Bromomethane	2.644	94	57038	42.570	ug/l	97
6) Chloroethane	2.790	64	55800	43.618	ug/l	99
7) Trichlorofluoromethane	3.125	101	141209	46.298	ug/l	91
8) Diethyl Ether	3.528	74	54109	48.311	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	91806	47.338	ug/l	94
10) Methyl Iodide	4.088	142	112829	47.639	ug/l	89
11) Tert butyl alcohol	4.948	59	62607	226.913	ug/l	99
12) 1,1-Dichloroethene	3.869	96	87452	47.450	ug/l	87
13) Acrolein	3.723	56	22465	213.461	ug/l	93
14) Allyl chloride	4.473	41	164926	49.817	ug/l	92
15) Acrylonitrile	5.155	53	152200	243.679	ug/l	97
16) Acetone	3.942	43	149316	286.026	ug/l	93
17) Carbon Disulfide	4.186	76	215578	42.105	ug/l	98
18) Methyl Acetate	4.473	43	68787	47.040	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	281201	50.760	ug/l	99
20) Methylene Chloride	4.710	84	107188	40.105	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	103308	47.298	ug/l	86
22) Diisopropyl ether	6.113	45	360969	51.868	ug/l	94
23) Vinyl Acetate	6.052	43	1141454	267.139	ug/l	95
24) 1,1-Dichloroethane	6.009	63	201832	51.233	ug/l	98
25) 2-Butanone	6.978	43	211251	250.582	ug/l	92
26) 2,2-Dichloropropane	6.978	77	185918	50.200	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	129278	50.485	ug/l	89
28) Bromochloromethane	7.332	49	87531	51.496	ug/l #	86
29) Tetrahydrofuran	7.344	42	128311	240.336	ug/l	91
30) Chloroform	7.503	83	207353	51.134	ug/l	99
31) Cyclohexane	7.783	56	164603	44.879	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	180699	51.042	ug/l	96
36) 1,1-Dichloropropene	7.917	75	149775	49.024	ug/l	97
37) Ethyl Acetate	7.070	43	89433	48.409	ug/l	97
38) Carbon Tetrachloride	7.899	117	158598	49.925	ug/l	99
39) Methylcyclohexane	9.179	83	181434	48.400	ug/l	93
40) Benzene	8.155	78	447507	49.512	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	51895	50.664	ug/l #	50
42) 1,2-Dichloroethane	8.234	62	128098	49.393	ug/l	91
43) Isopropyl Acetate	8.271	43	163107	48.179	ug/l #	92
44) Trichloroethene	8.935	130	127639	50.148	ug/l	99
45) 1,2-Dichloropropane	9.216	63	116454	50.013	ug/l	96
46) Dibromomethane	9.301	93	64350	48.600	ug/l	97
47) Bromodichloromethane	9.496	83	159750	50.807	ug/l	99
48) Methyl methacrylate	9.289	41	72861	49.101	ug/l #	89
49) 1,4-Dioxane	9.295	88	17588	924.361	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	419023	237.960	ug/l	92
52) Toluene	10.240	92	277146	48.509	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	161350	49.353	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	187126	50.287	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	91866	49.430	ug/l	97
56) Ethyl methacrylate	10.508	69	120478	49.004	ug/l #	83
57) 1,3-Dichloropropane	10.789	76	156607	49.244	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	253500	240.350	ug/l	96
59) 2-Hexanone	10.831	43	290682	243.922	ug/l	89
60) Dibromochloromethane	10.984	129	111507	49.194	ug/l	100
61) 1,2-Dibromoethane	11.087	107	86824	47.913	ug/l	100
64) Tetrachloroethene	10.721	164	130054	50.498	ug/l	98
65) Chlorobenzene	11.514	112	301610	50.155	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	114278	51.976	ug/l	98
67) Ethyl Benzene	11.593	91	528934	50.753	ug/l	97
68) m/p-Xylenes	11.703	106	409090	100.036	ug/l	93
69) o-Xylene	12.026	106	195760	50.338	ug/l	93
70) Styrene	12.044	104	328701	50.967	ug/l	96
71) Bromoform	12.209	173	68757	50.593	ug/l #	99
73) Isopropylbenzene	12.331	105	521105	52.318	ug/l	100
74) N-amyl acetate	12.142	43	131647	49.481	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	95164	50.216	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	132262	88.858	ug/l #	100
77) Bromobenzene	12.611	156	123323	50.973	ug/l	94
78) n-propylbenzene	12.672	91	617379	51.444	ug/l	97
79) 2-Chlorotoluene	12.758	91	348282	51.522	ug/l	95
80) 1,3,5-Trimethylbenzene	12.813	105	428028	51.764	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	35993	51.272	ug/l	87
82) 4-Chlorotoluene	12.855	91	364730	51.730	ug/l	97
83) tert-Butylbenzene	13.075	119	377678	52.373	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	425432	52.503	ug/l	97
85) sec-Butylbenzene	13.252	105	559143	51.797	ug/l	98
86) p-Isopropyltoluene	13.367	119	469191	52.295	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	238969	51.100	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	240071	51.164	ug/l	98
89) n-Butylbenzene	13.697	91	435115	52.076	ug/l	97
90) Hexachloroethane	13.965	117	88111	51.772	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	215291	51.240	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	16668	49.380	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	135429	52.685	ug/l	99
94) Hexachlorobutadiene	15.117	225	74259	53.693	ug/l	97
95) Naphthalene	15.239	128	278295	53.968	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	114830	52.266	ug/l	97

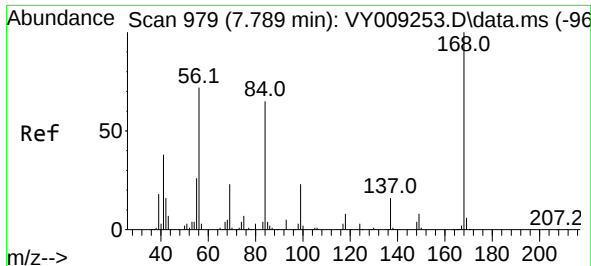
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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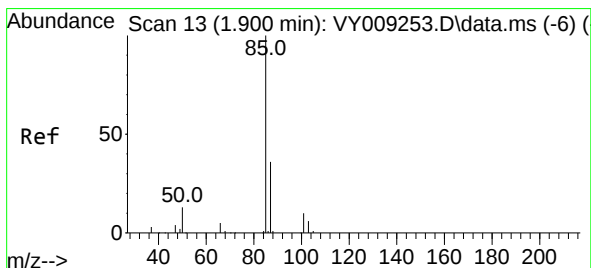
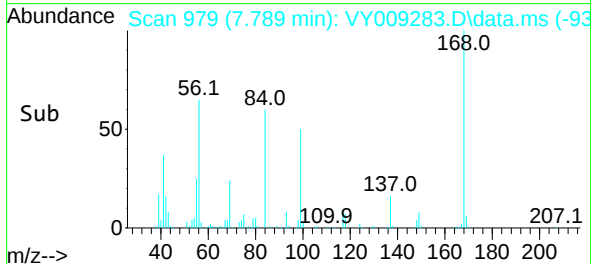
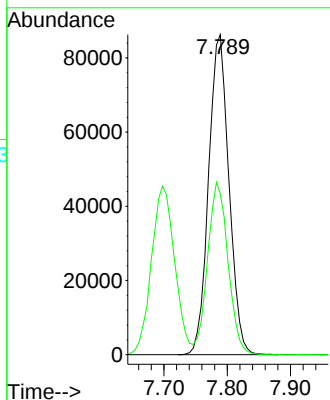
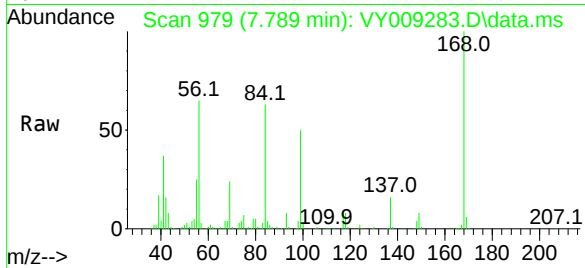
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009283.D
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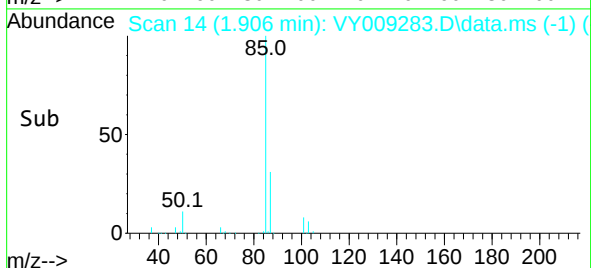
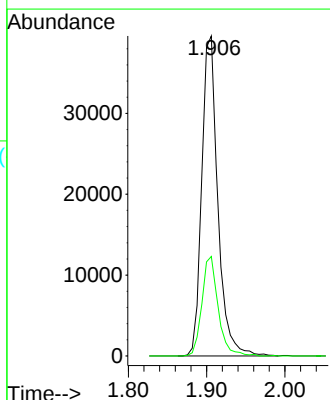
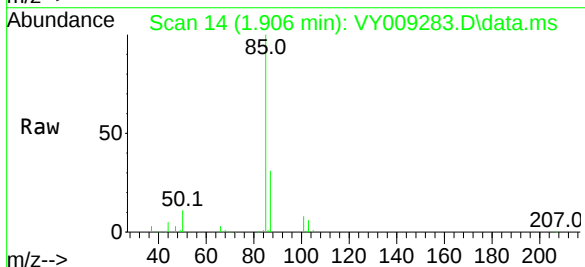
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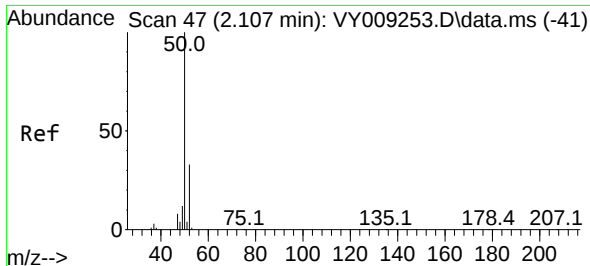
Tgt Ion:168 Resp: 192381
Ion Ratio Lower Upper
168 100
99 50.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 40.090 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 85 Resp: 56510
Ion Ratio Lower Upper
85 100
87 31.1 16.1 48.2

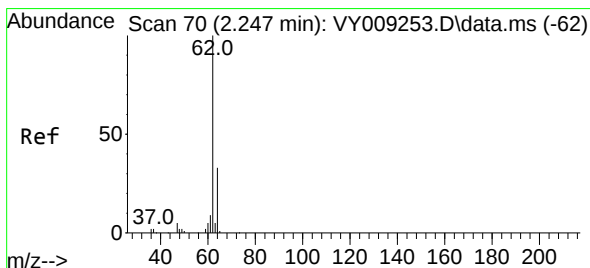
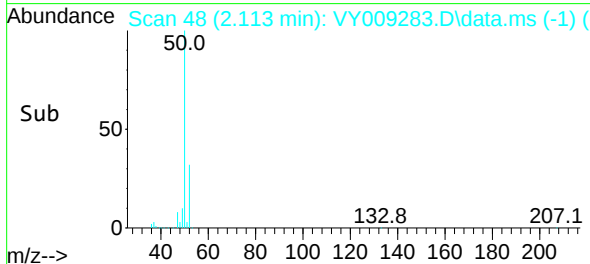
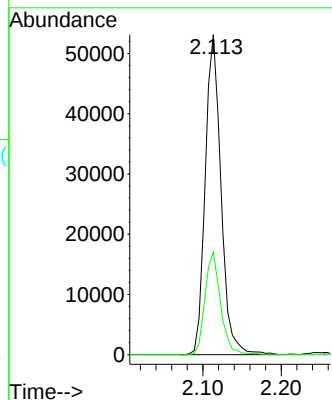
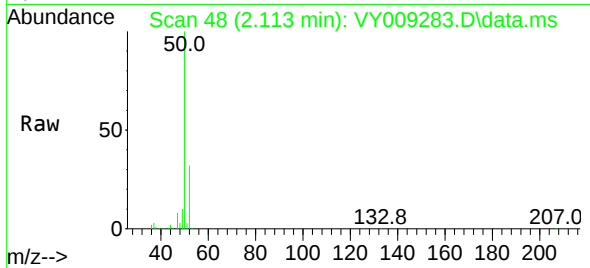




#3
Chloromethane
Concen: 42.919 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

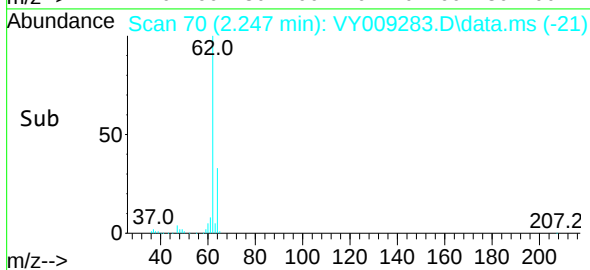
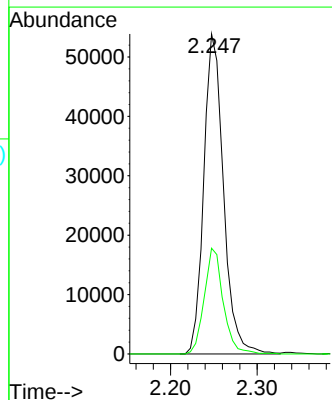
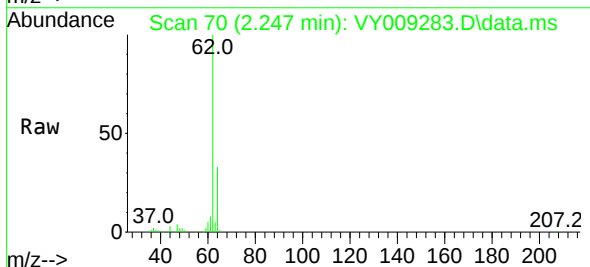
Instrument :
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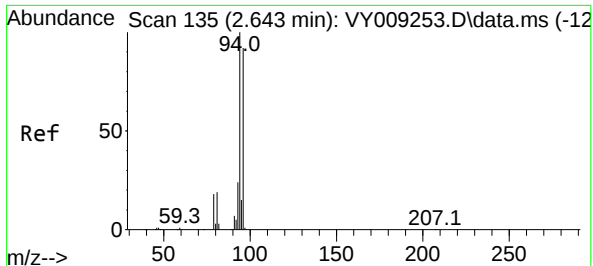
Tgt Ion: 50 Resp: 74245
Ion Ratio Lower Upper
50 100
52 32.1 24.6 37.0



#4
Vinyl Chloride
Concen: 44.295 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 62 Resp: 85111
Ion Ratio Lower Upper
62 100
64 33.1 25.0 37.6

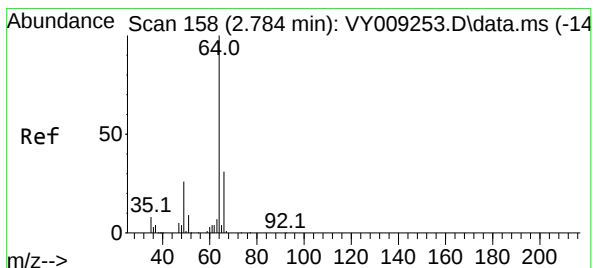
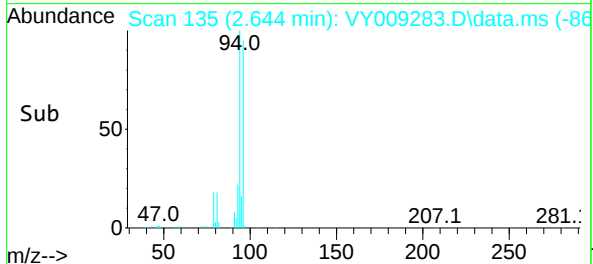
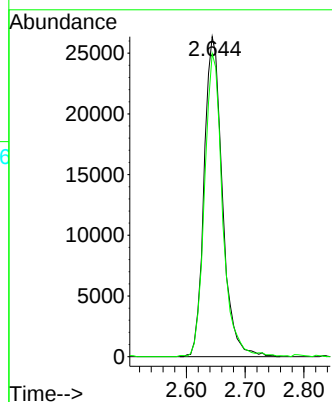
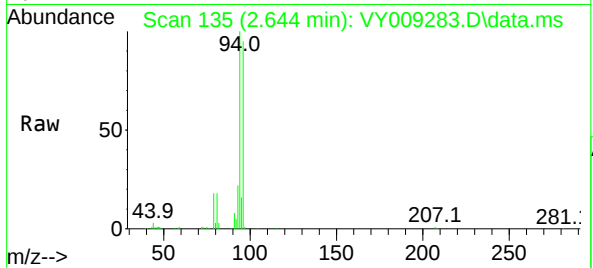




#5
Bromomethane
Concen: 42.570 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

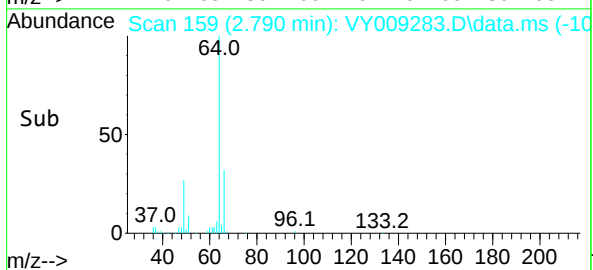
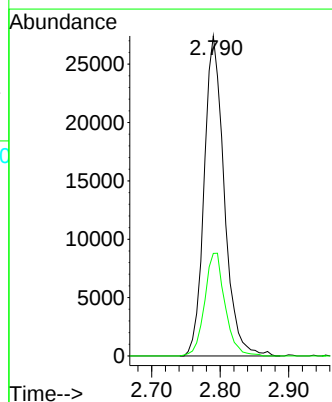
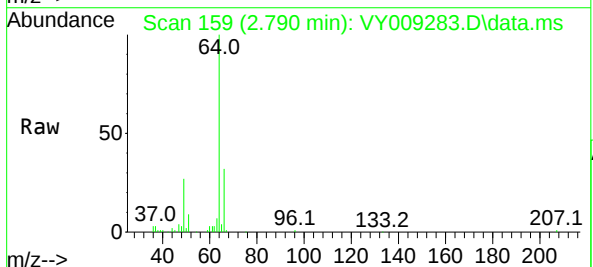
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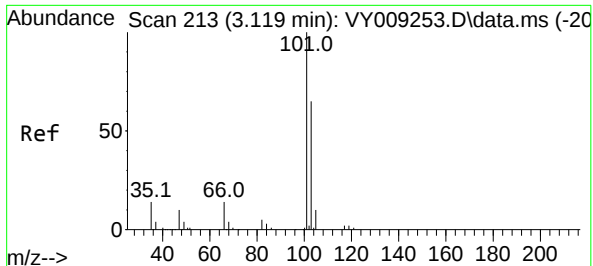
Tgt Ion: 94 Resp: 57038
Ion Ratio Lower Upper
94 100
96 94.4 73.5 110.3



#6
Chloroethane
Concen: 43.618 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 64 Resp: 55800
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.0

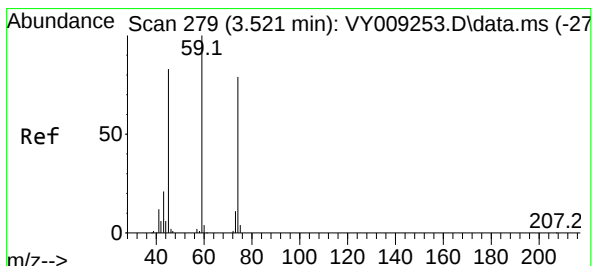
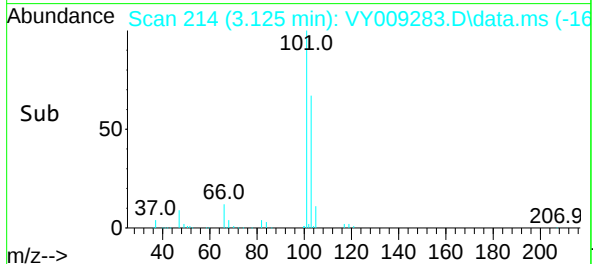
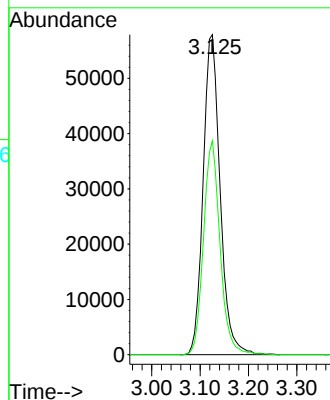
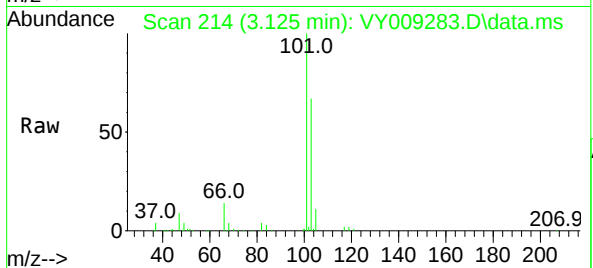




#7
Trichlorofluoromethane
Concen: 46.298 ug/l
RT: 3.125 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

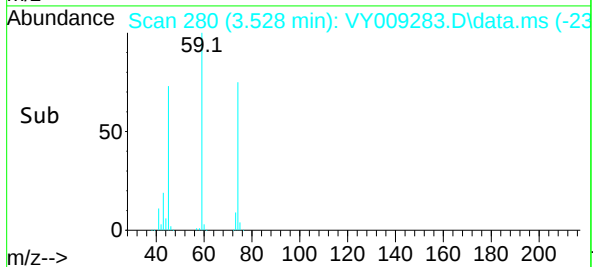
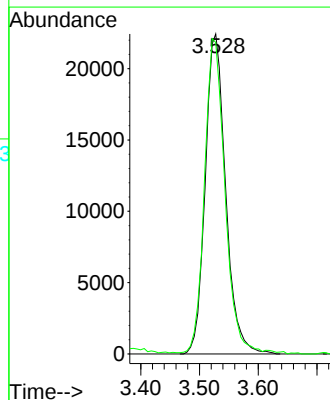
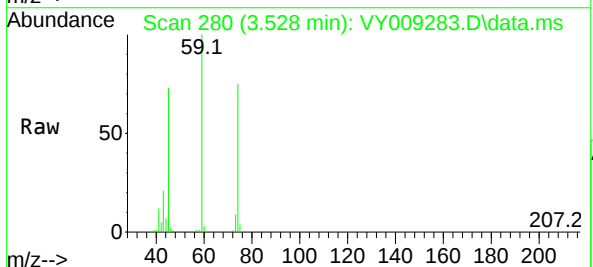
Instrument :
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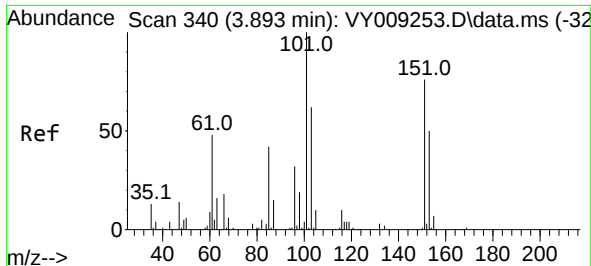
Tgt Ion:101 Resp: 141209
Ion Ratio Lower Upper
101 100
103 66.9 48.0 72.0



#8
Diethyl Ether
Concen: 48.311 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.007 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 74 Resp: 54109
Ion Ratio Lower Upper
74 100
45 98.8 55.1 165.5

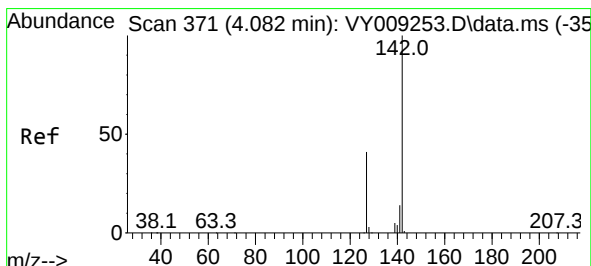
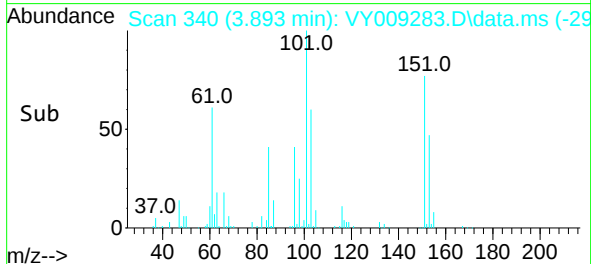
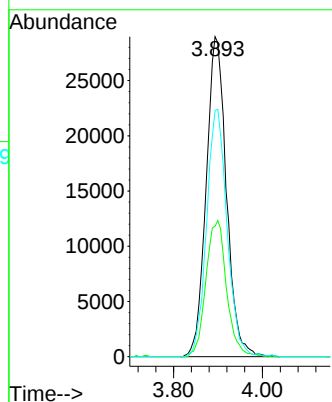
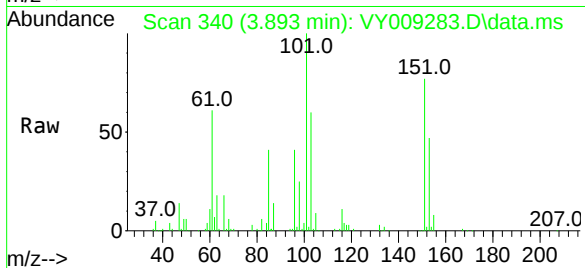




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.338 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
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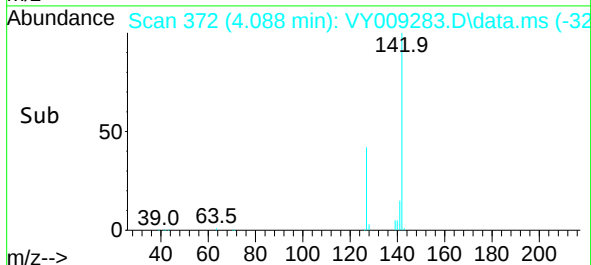
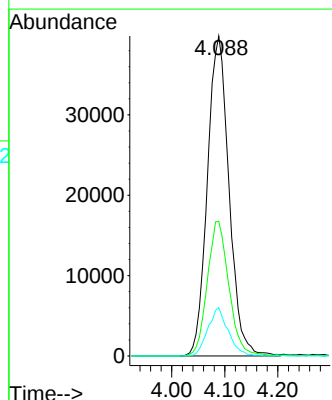
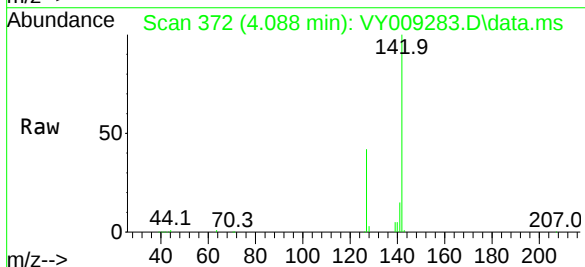
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

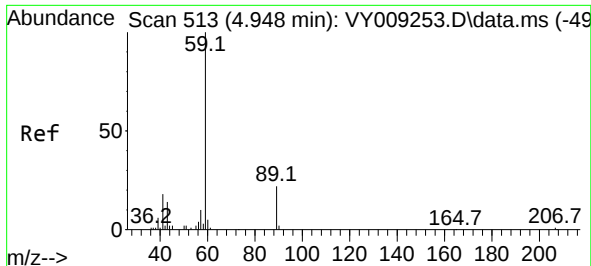
Tgt Ion:101 Resp: 91806
Ion Ratio Lower Upper
101 100
85 43.4 40.6 60.8
151 78.3 64.9 97.3



#10
Methyl Iodide
Concen: 47.639 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion:142 Resp: 112829
Ion Ratio Lower Upper
142 100
127 41.9 41.5 62.3
141 14.2 11.9 17.9

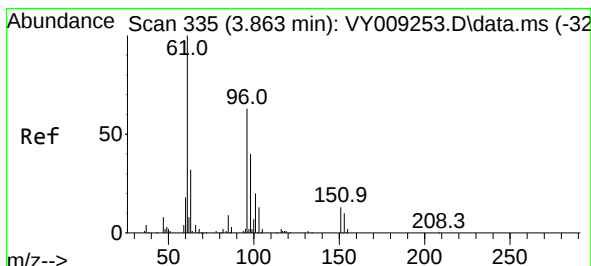
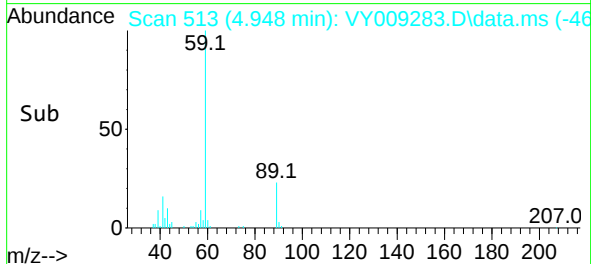
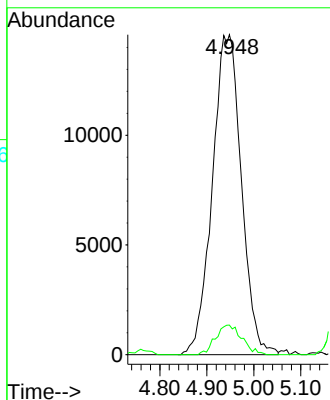
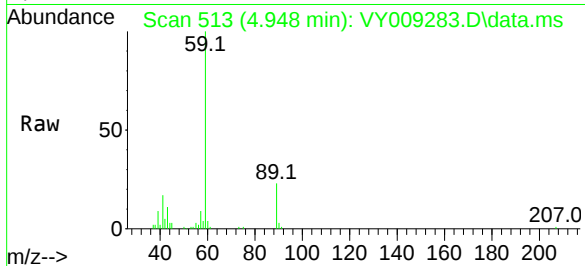




#11
Tert butyl alcohol
Concen: 226.913 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

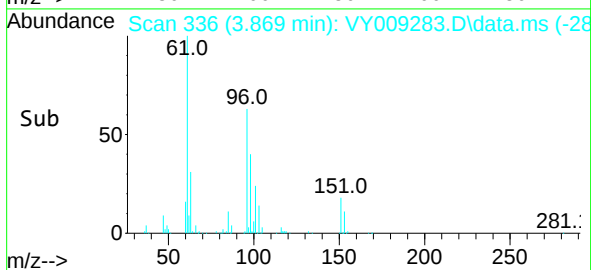
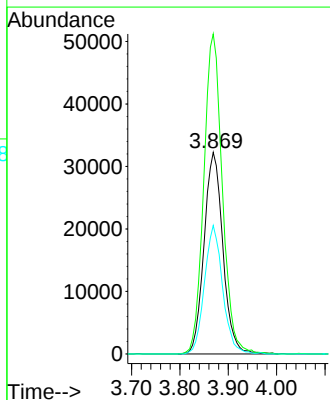
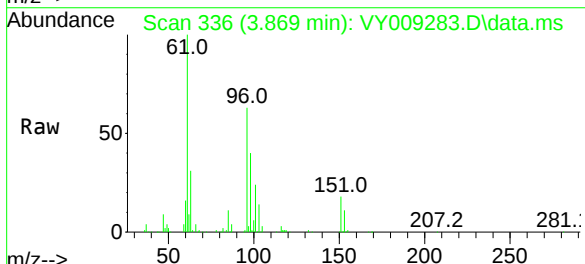
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

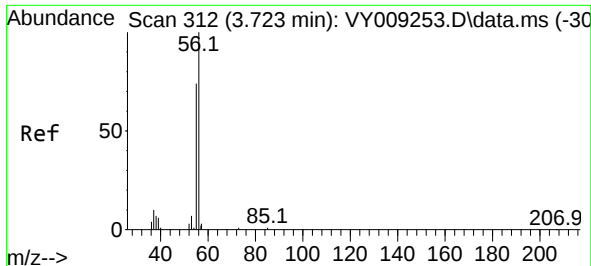
Tgt Ion: 59 Resp: 62607
Ion Ratio Lower Upper
59 100
57 8.4 6.4 9.6



#12
1,1-Dichloroethene
Concen: 47.450 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 96 Resp: 87452
Ion Ratio Lower Upper
96 100
61 158.7 145.8 218.6
98 63.7 52.5 78.7





#13

Acrolein

Concen: 213.461 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Instrument :

MSVOA_Y

ClientSampleId :

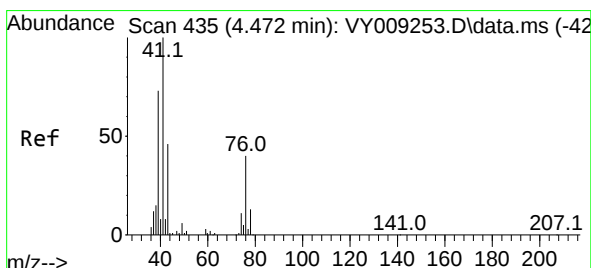
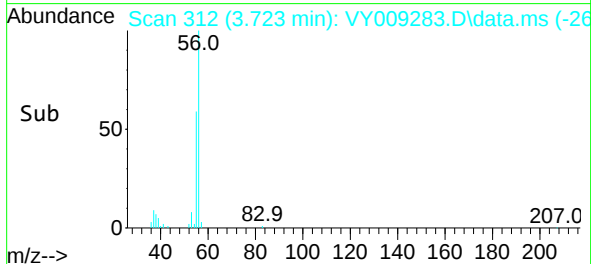
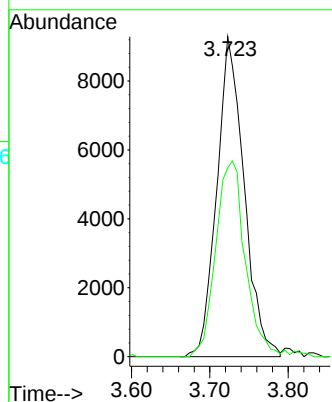
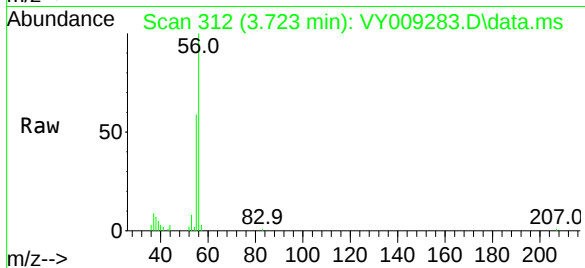
VSTDCCC050

Tgt Ion: 56 Resp: 22465

Ion Ratio Lower Upper

56 100

55 65.8 57.6 86.4



#14

Allyl chloride

Concen: 49.817 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.001 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

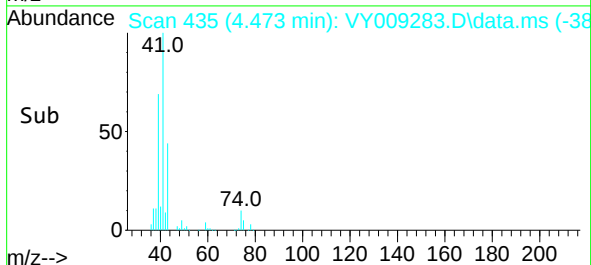
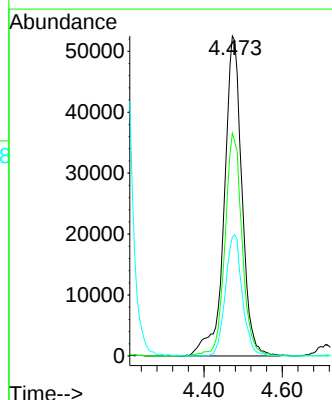
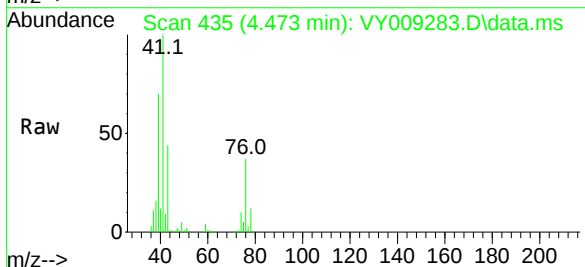
Tgt Ion: 41 Resp: 164926

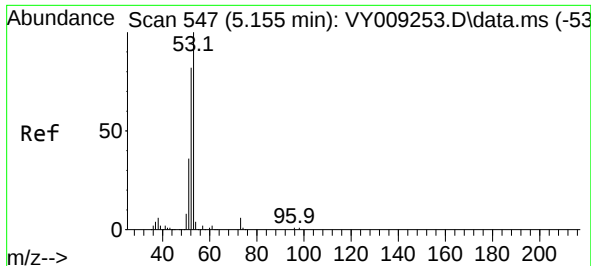
Ion Ratio Lower Upper

41 100

39 67.3 58.8 88.2

76 36.2 25.1 37.7

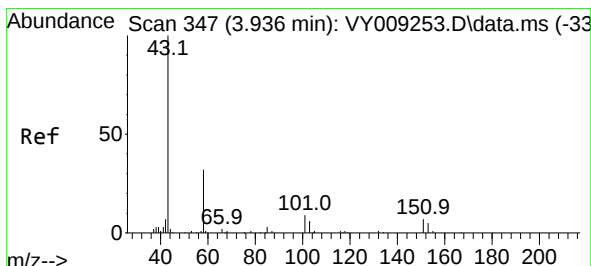
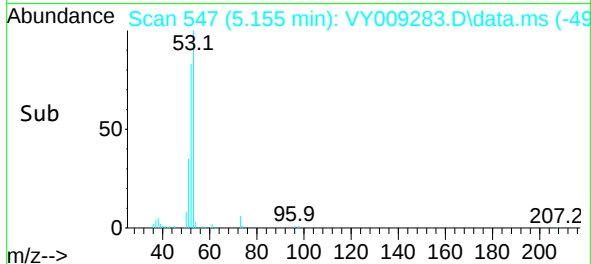
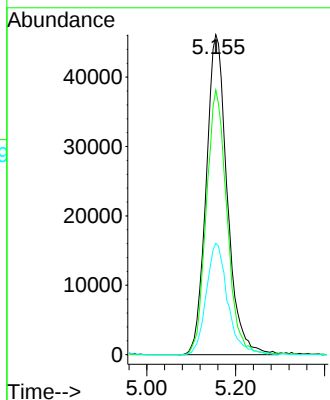
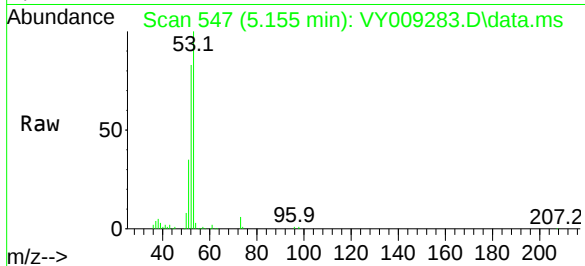




#15
Acrylonitrile
Concen: 243.679 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

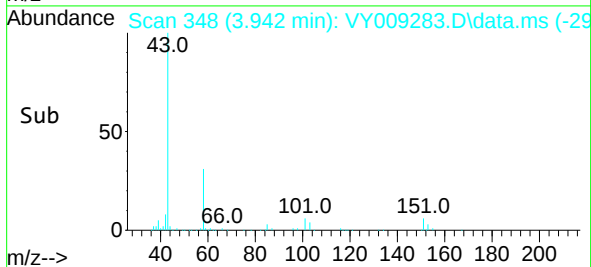
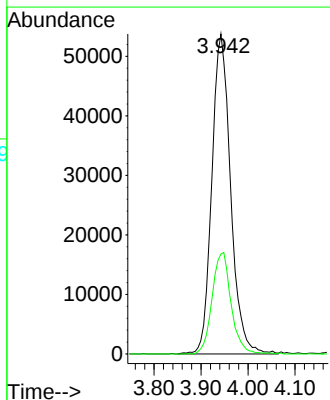
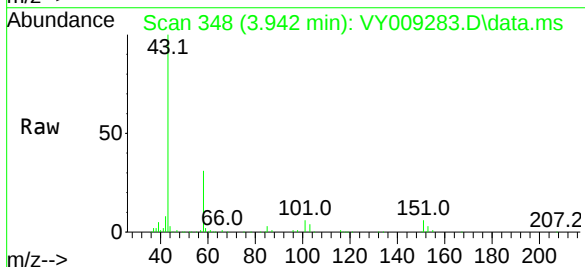
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

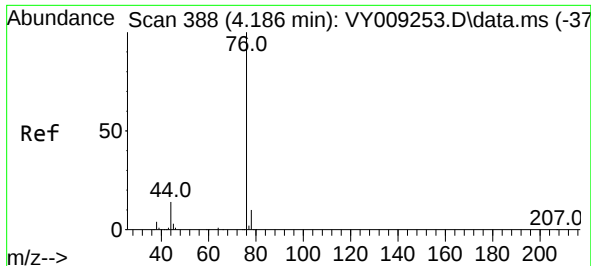
Tgt Ion: 53 Resp: 152200
Ion Ratio Lower Upper
53 100
52 81.0 67.0 100.4
51 35.4 29.8 44.6



#16
Acetone
Concen: 286.026 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 43 Resp: 149316
Ion Ratio Lower Upper
43 100
58 31.3 22.0 33.0

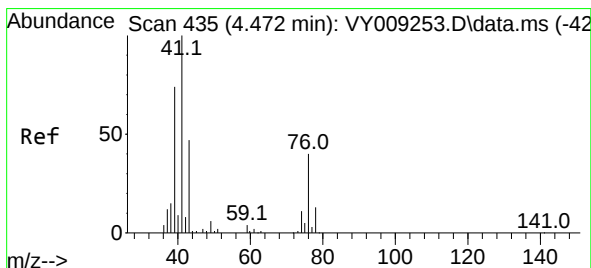
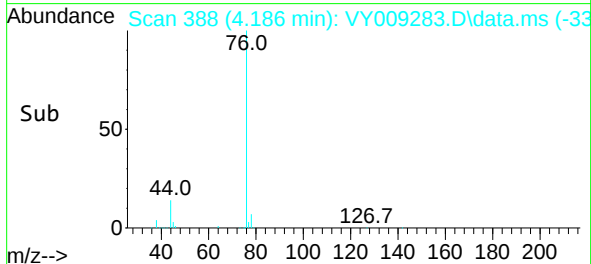
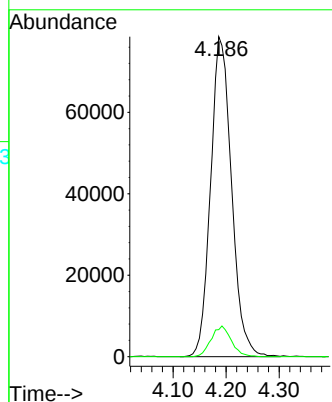
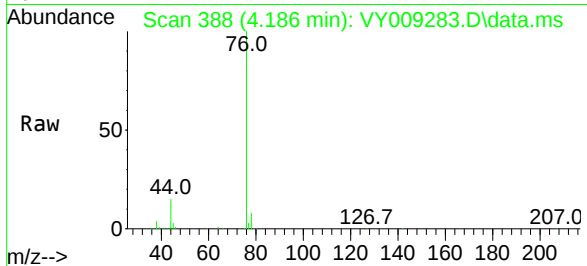




#17
Carbon Disulfide
Concen: 42.105 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

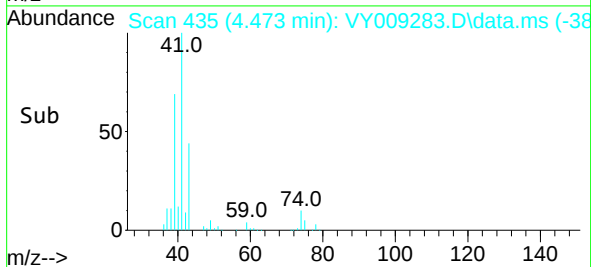
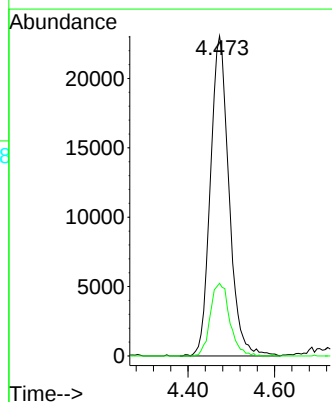
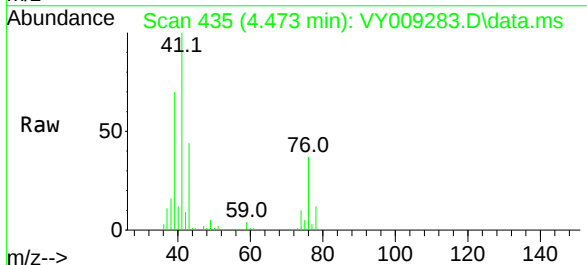
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

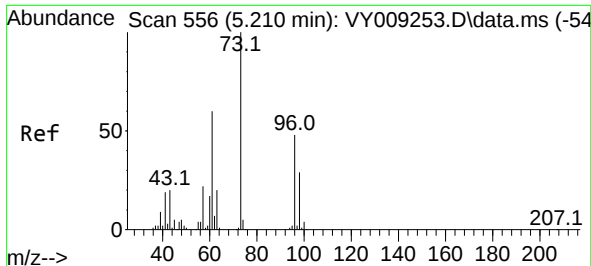
Tgt Ion: 76 Resp: 215578
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 47.040 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 43 Resp: 68787
Ion Ratio Lower Upper
43 100
74 23.6 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 50.760 ug/l

RT: 5.216 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Instrument :

MSVOA_Y

ClientSampleId :

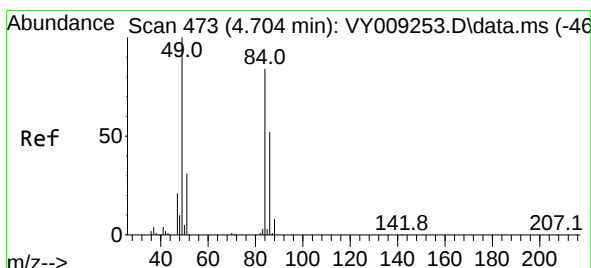
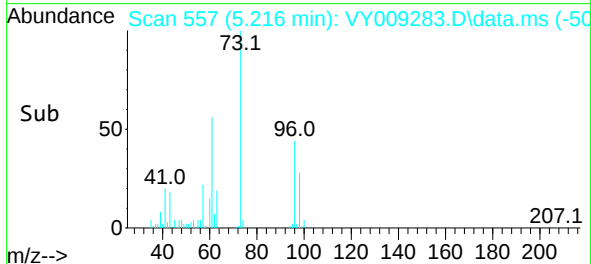
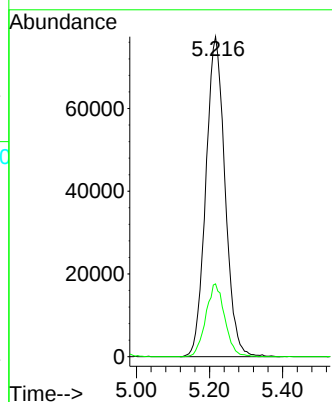
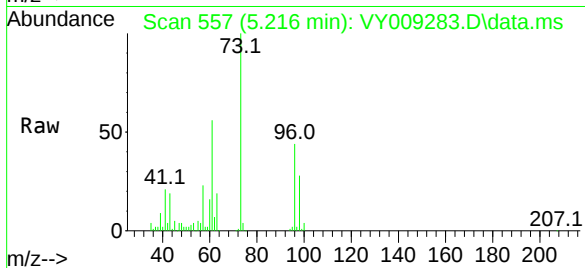
VSTDCCC050

Tgt Ion: 73 Resp: 281201

Ion Ratio Lower Upper

73 100

57 22.7 18.6 27.8



#20

Methylene Chloride

Concen: 40.105 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Tgt Ion: 84 Resp: 107188

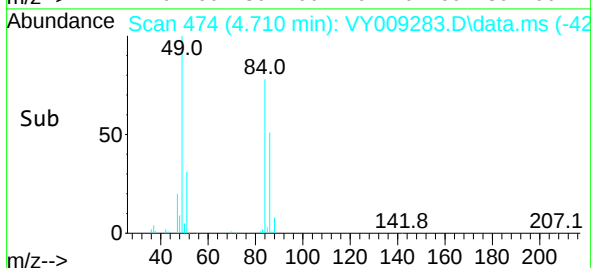
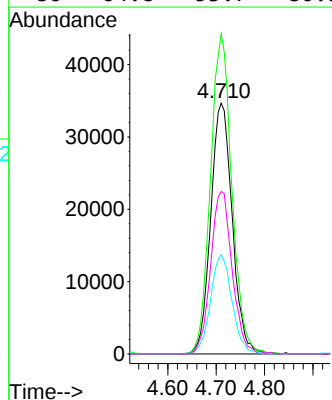
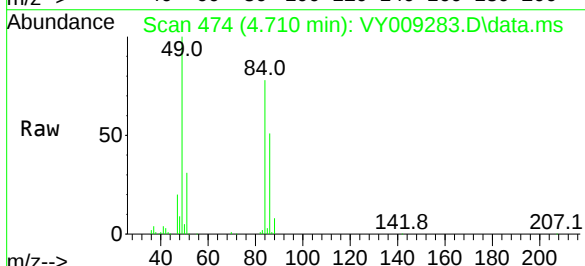
Ion Ratio Lower Upper

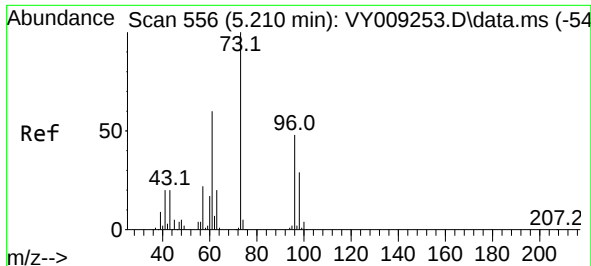
84 100

49 127.7 114.4 171.6

51 39.6 35.3 52.9

86 64.8 53.7 80.5

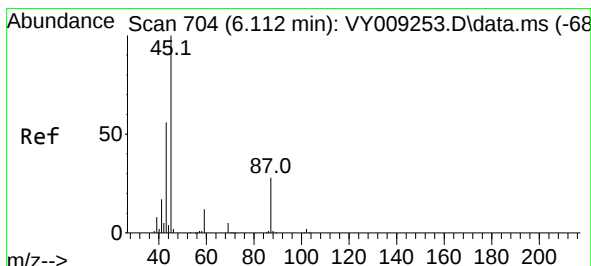
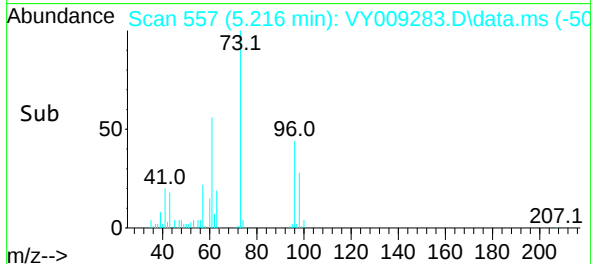
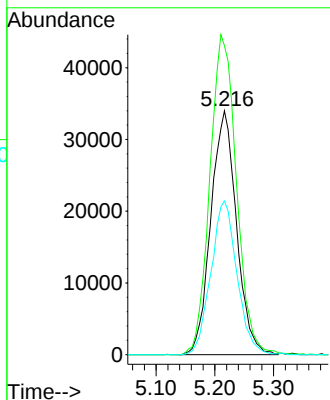
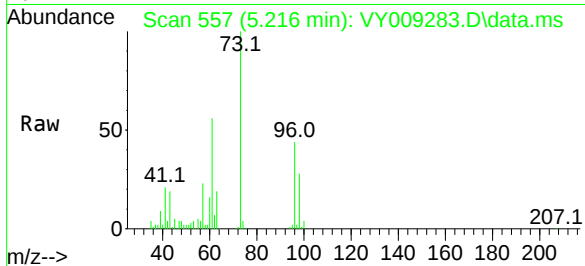




#21
trans-1,2-Dichloroethene
Concen: 47.298 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

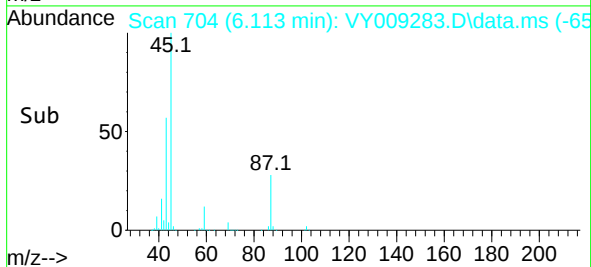
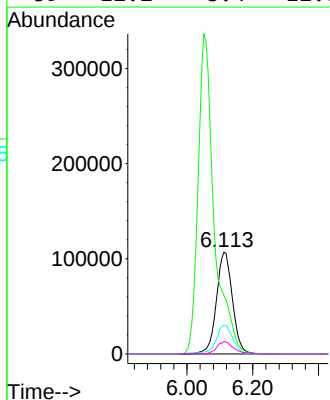
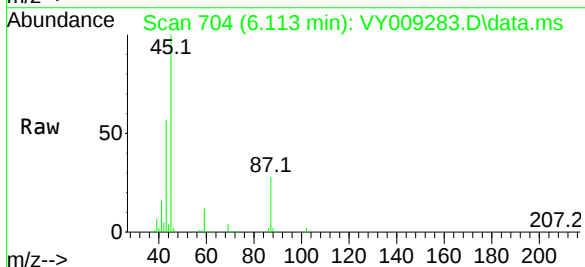
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

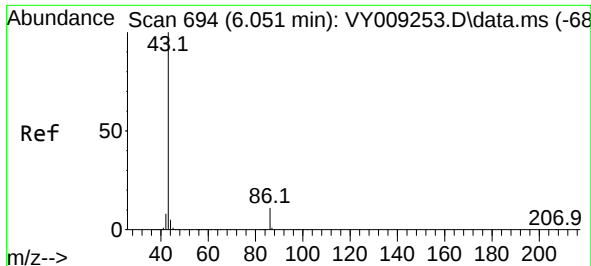
Tgt Ion: 96 Resp: 103308
Ion Ratio Lower Upper
96 100
61 126.7 120.5 180.7
98 63.0 49.8 74.8



#22
Diisopropyl ether
Concen: 51.868 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.001 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 45 Resp: 360969
Ion Ratio Lower Upper
45 100
43 57.4 49.3 73.9
87 27.9 19.2 28.8
59 12.2 8.4 12.6

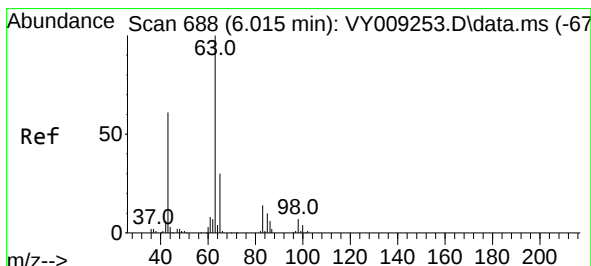
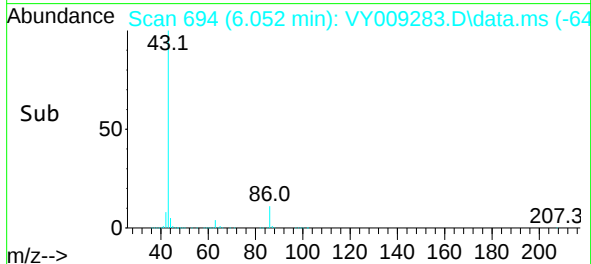
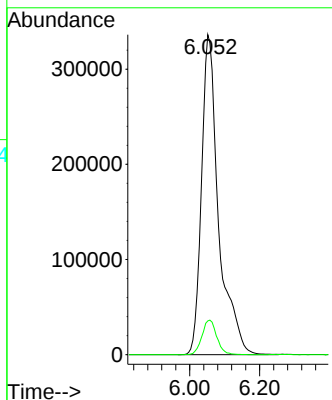
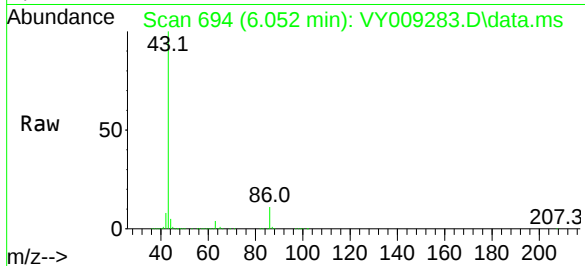




#23
 Vinyl Acetate
 Concen: 267.139 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.001 min
 Lab File: VY009283.D
 Acq: 23 Jun 2022 09:28

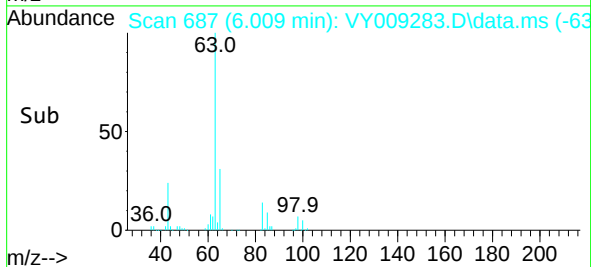
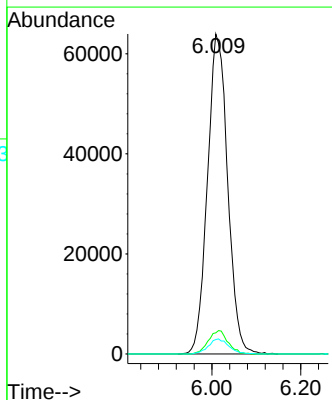
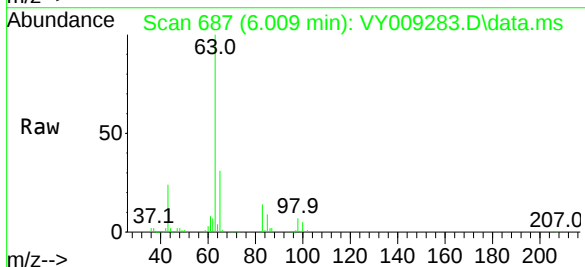
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

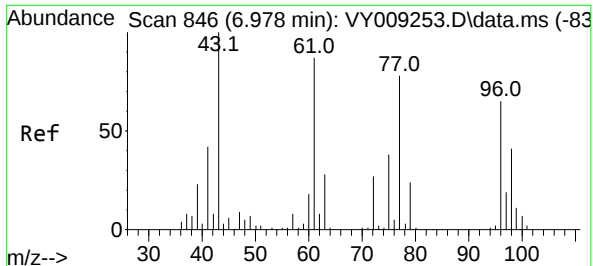
Tgt Ion: 43 Resp: 1141454
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 51.233 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY009283.D
 Acq: 23 Jun 2022 09:28

Tgt Ion: 63 Resp: 201832
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.5 2.0 5.8





#25

2-Butanone

Concen: 250.582 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Instrument :

MSVOA_Y

ClientSampleId :

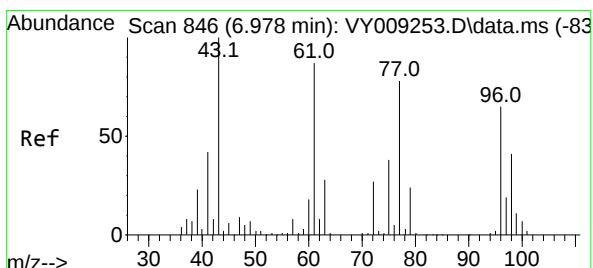
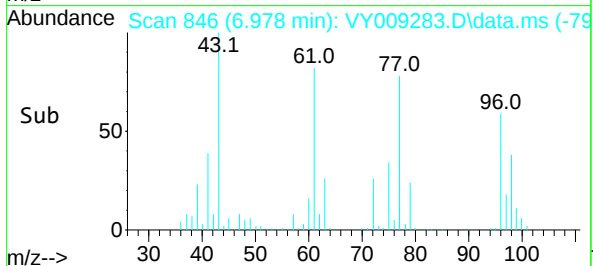
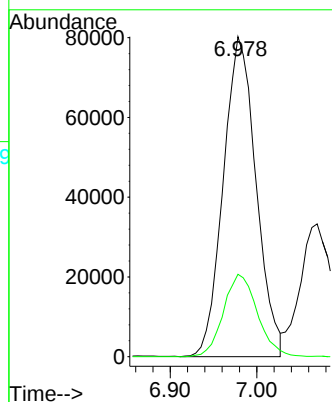
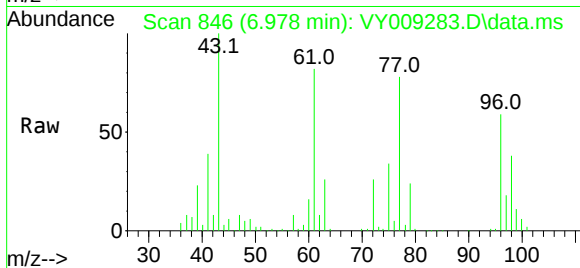
VSTDCCC050

Tgt Ion: 43 Resp: 211251

Ion Ratio Lower Upper

43 100

72 25.7 17.7 26.5



#26

2,2-Dichloropropane

Concen: 50.200 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009283.D

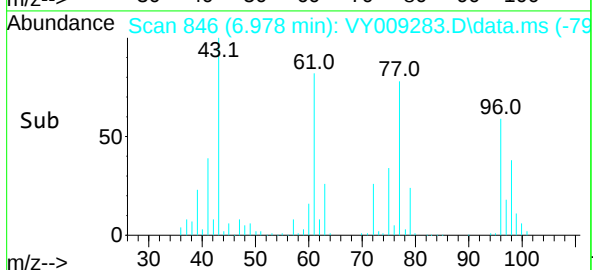
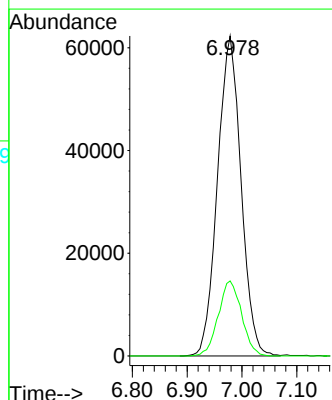
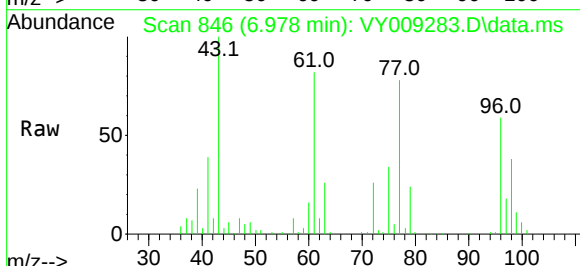
Acq: 23 Jun 2022 09:28

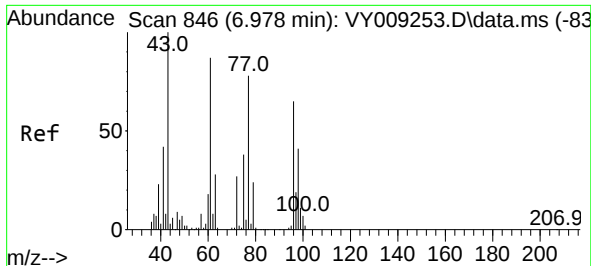
Tgt Ion: 77 Resp: 185918

Ion Ratio Lower Upper

77 100

97 23.2 10.4 31.4

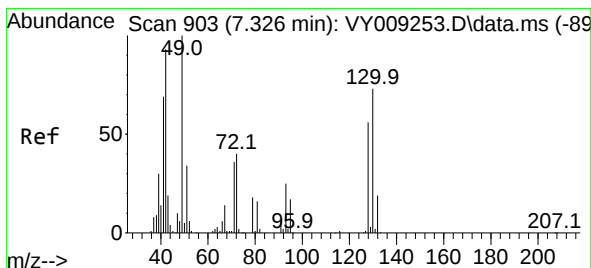
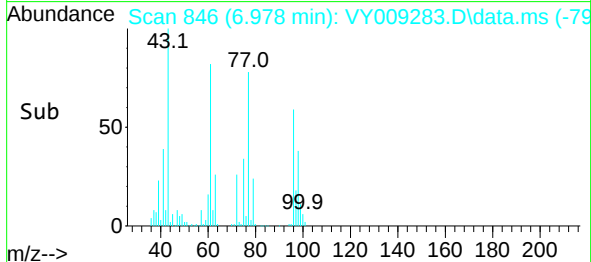
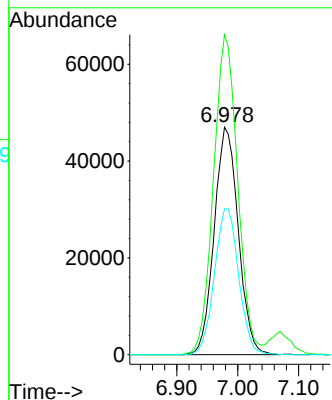
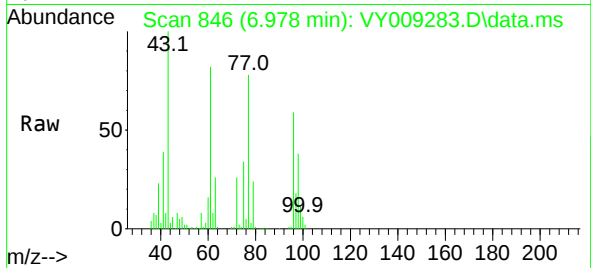




#27
 cis-1,2-Dichloroethene
 Concen: 50.485 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY009283.D
 Acq: 23 Jun 2022 09:28

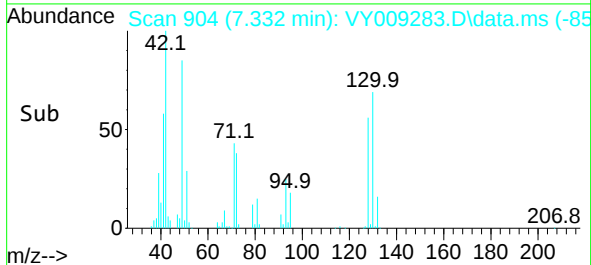
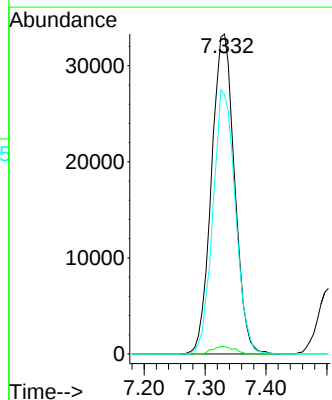
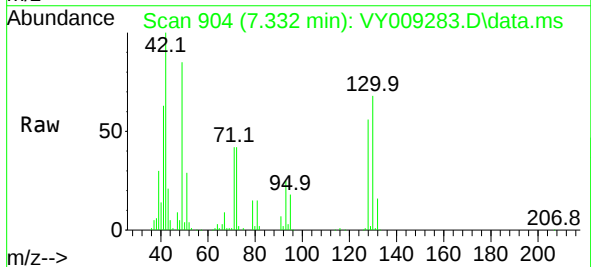
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

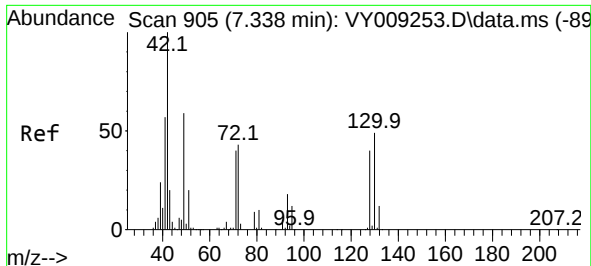
Tgt Ion: 96 Resp: 129278
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 319.8
 98 64.7 0.0 127.0



#28
 Bromochloromethane
 Concen: 51.496 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY009283.D
 Acq: 23 Jun 2022 09:28

Tgt Ion: 49 Resp: 87531
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 2.2#
 130 80.7 55.4 83.0





#29

Tetrahydrofuran

Concen: 240.336 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

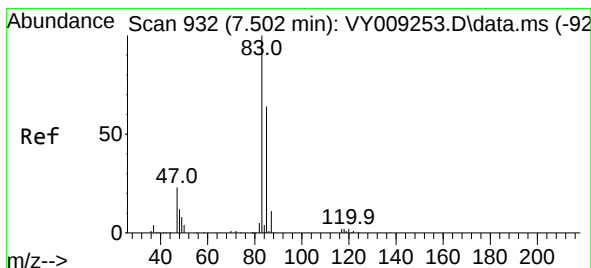
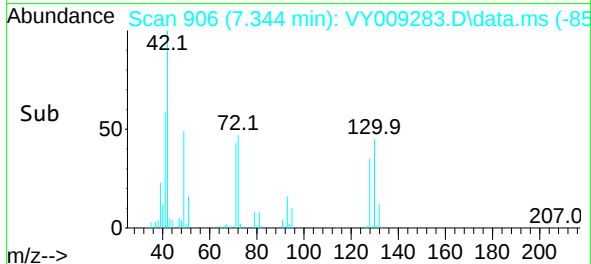
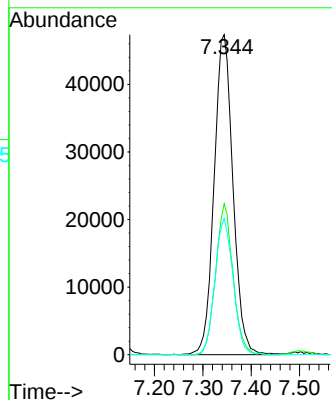
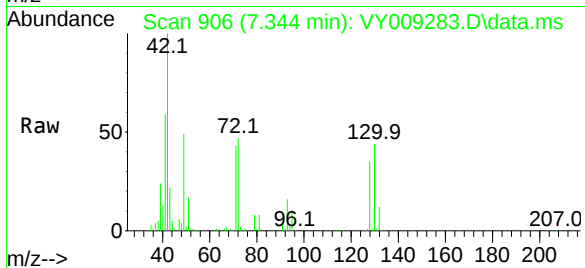
Tgt Ion: 42 Resp: 128311

Ion Ratio Lower Upper

42 100

72 43.5 30.3 45.5

71 40.9 29.0 43.4



#30

Chloroform

Concen: 51.134 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY009283.D

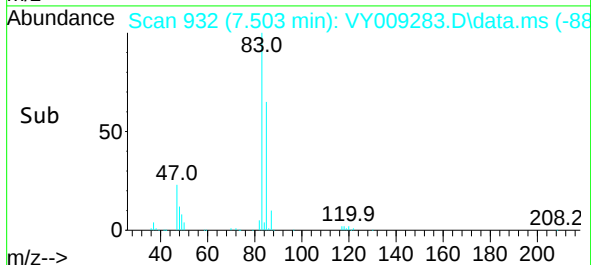
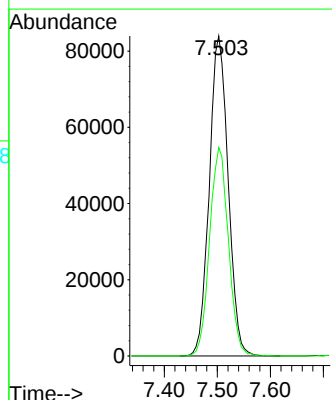
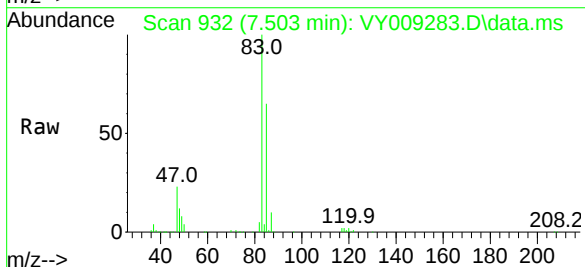
Acq: 23 Jun 2022 09:28

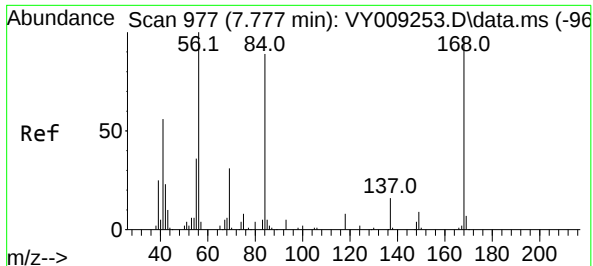
Tgt Ion: 83 Resp: 207353

Ion Ratio Lower Upper

83 100

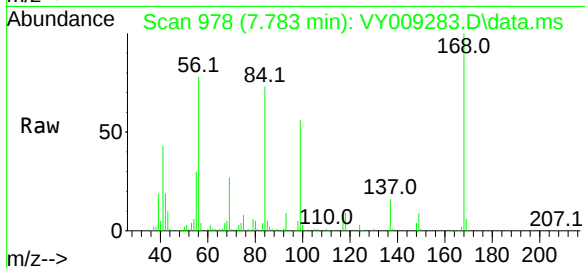
85 65.2 51.8 77.6



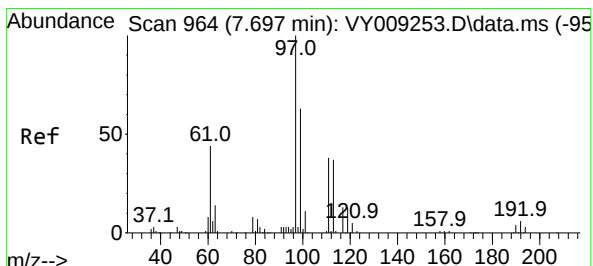
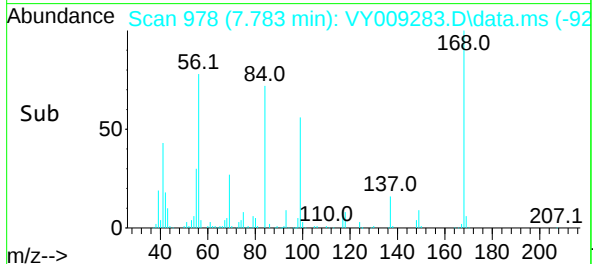
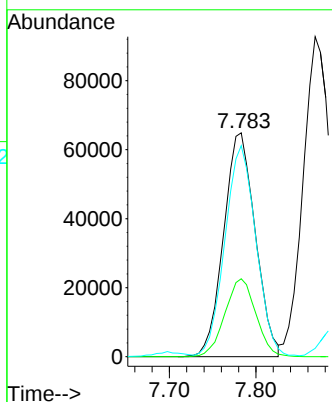


#31
Cyclohexane
Concen: 44.879 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

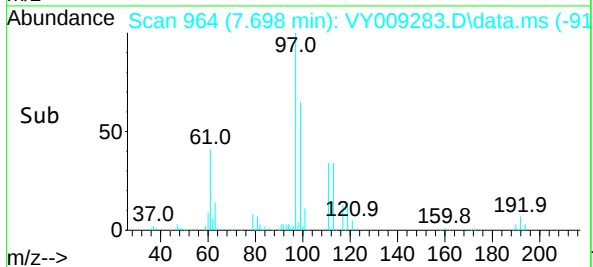
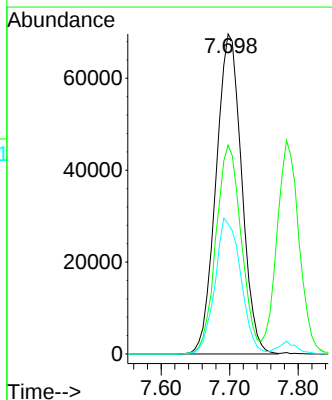
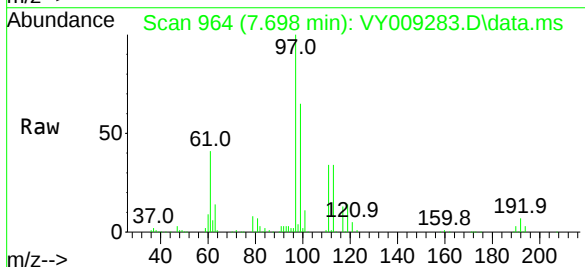


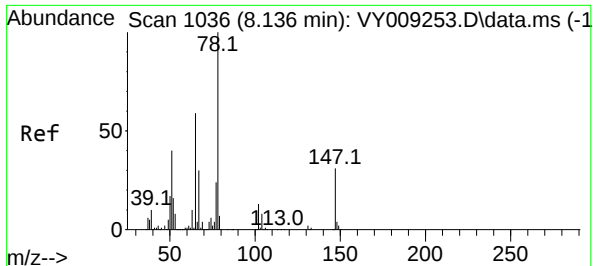
Tgt Ion: 56 Resp: 164603
Ion Ratio Lower Upper
56 100
69 34.8 26.7 40.1
84 92.6 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 51.042 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 97 Resp: 180699
Ion Ratio Lower Upper
97 100
99 64.8 50.7 76.1
61 42.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 46.460 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Instrument :

MSVOA_Y

ClientSampleId :

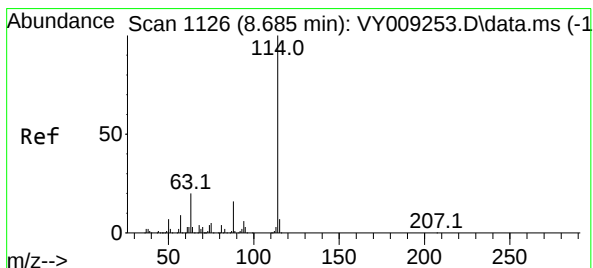
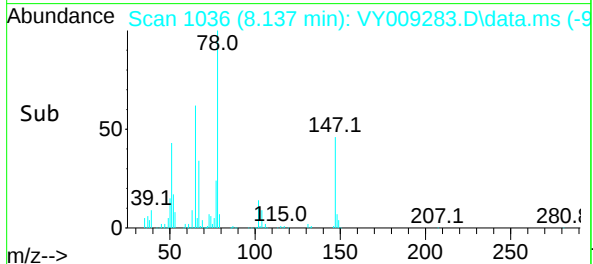
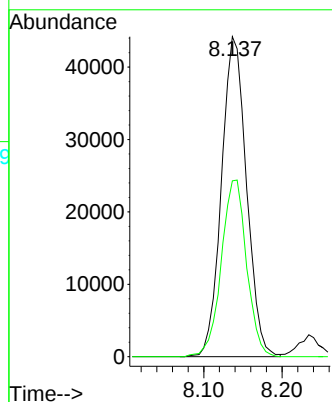
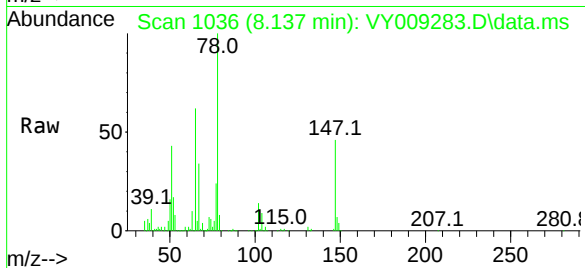
VSTDCCC050

Tgt Ion: 65 Resp: 98163

Ion Ratio Lower Upper

65 100

67 55.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

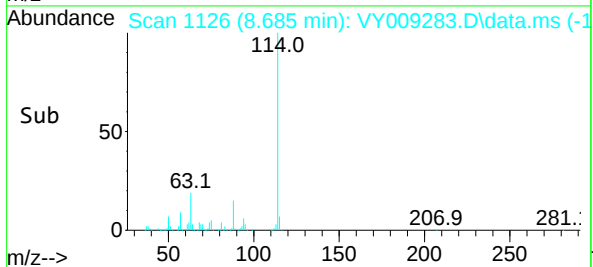
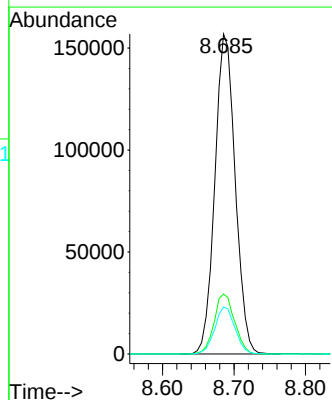
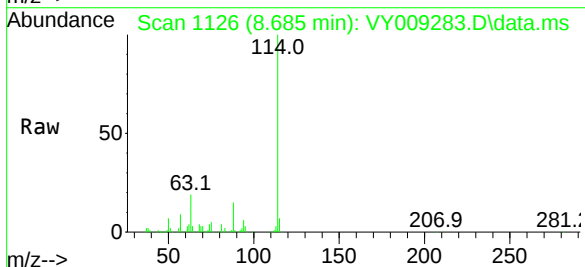
Tgt Ion: 114 Resp: 309981

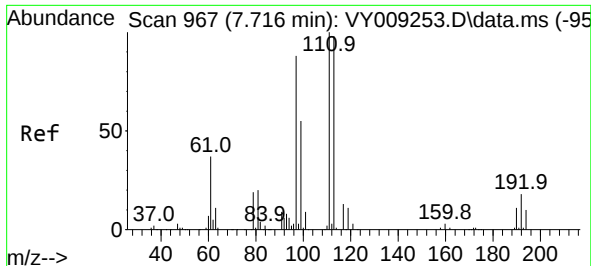
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.7 0.0 31.8

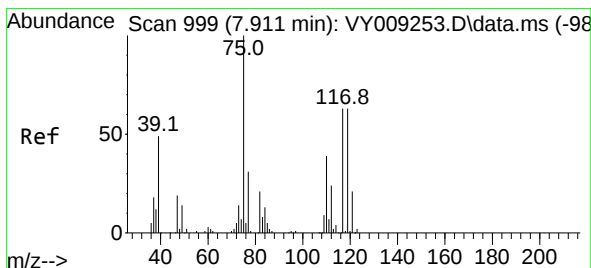
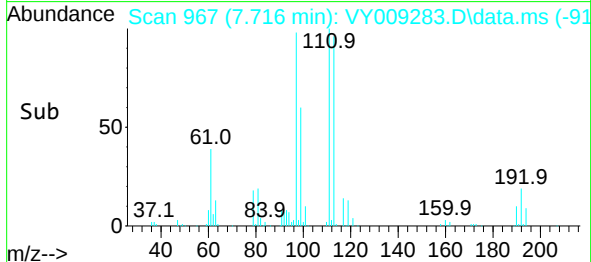
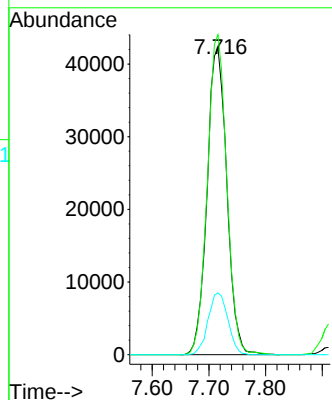
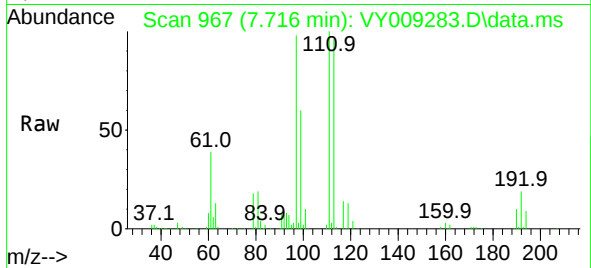




#35
Dibromofluoromethane
Concen: 51.049 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

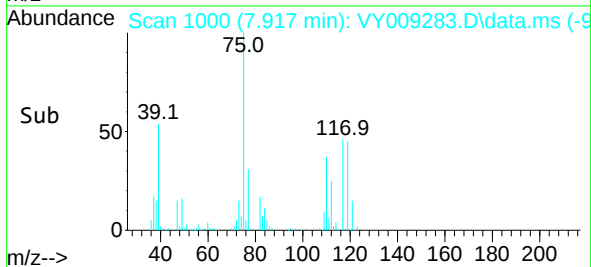
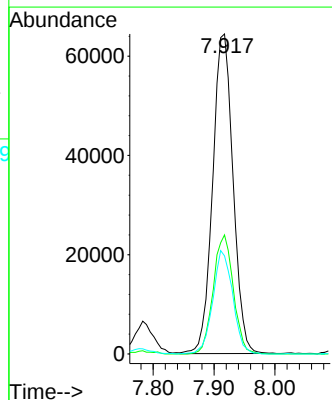
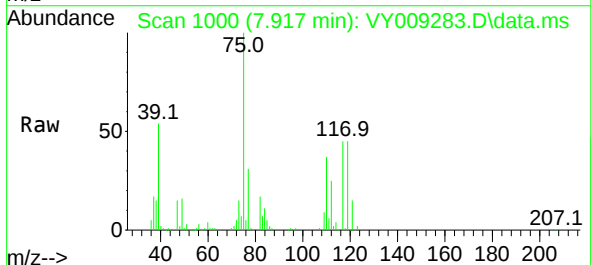
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

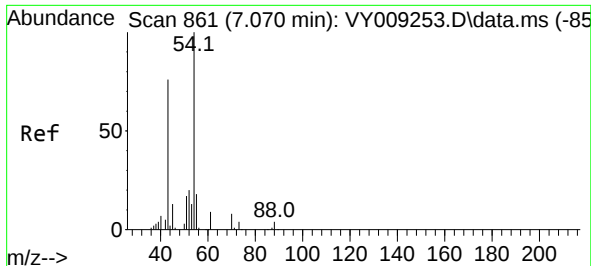
Tgt Ion:113 Resp: 102481
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 20.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 49.024 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 75 Resp: 149775
Ion Ratio Lower Upper
75 100
110 36.7 17.1 51.2
77 31.6 24.4 36.6

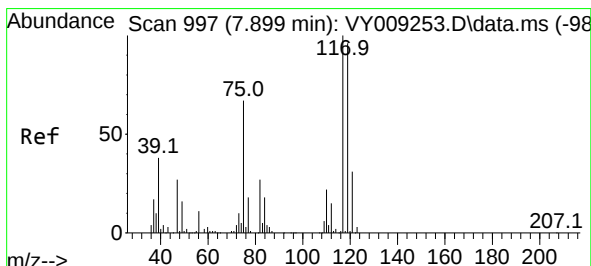
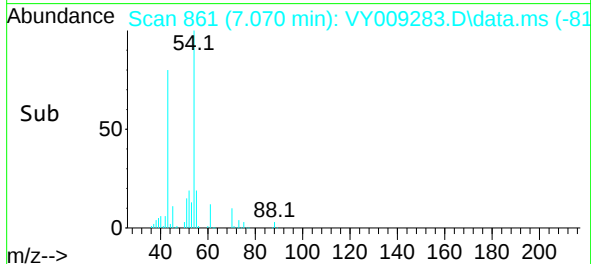
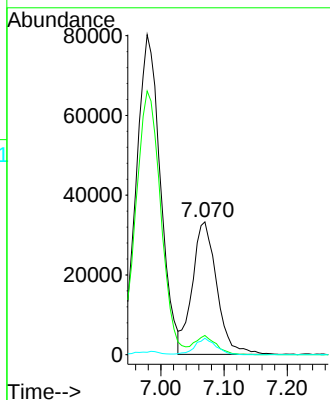
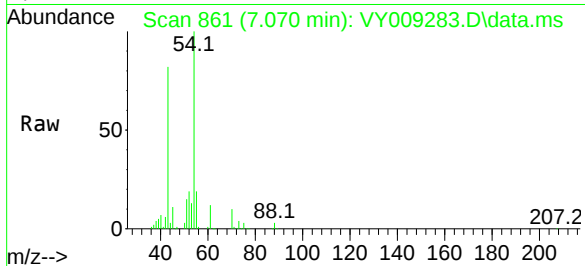




#37
Ethyl Acetate
Concen: 48.409 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

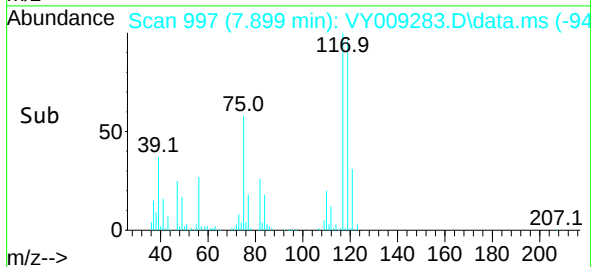
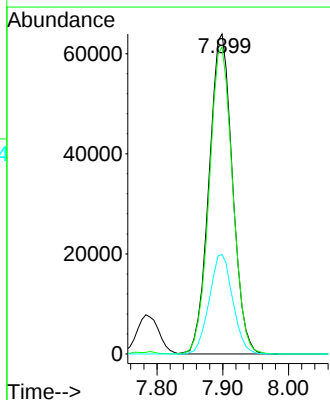
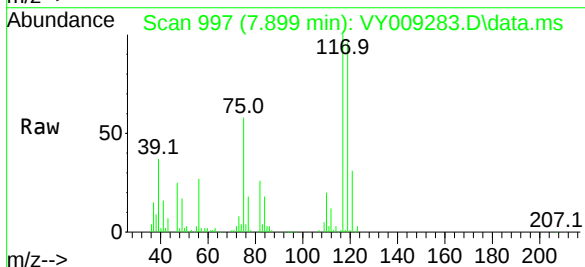
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

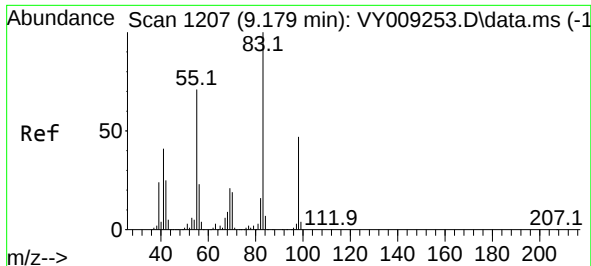
Tgt Ion: 43 Resp: 89433
Ion Ratio Lower Upper
43 100
61 13.1 9.7 14.5
70 10.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 49.925 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 117 Resp: 158598
Ion Ratio Lower Upper
117 100
119 96.0 77.9 116.9
121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 48.400 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

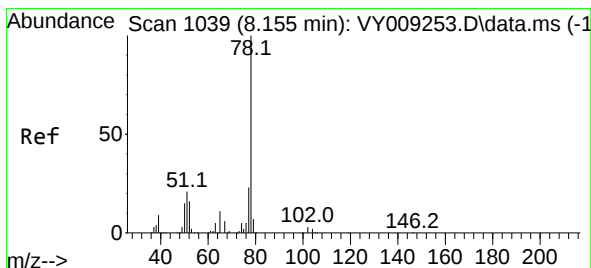
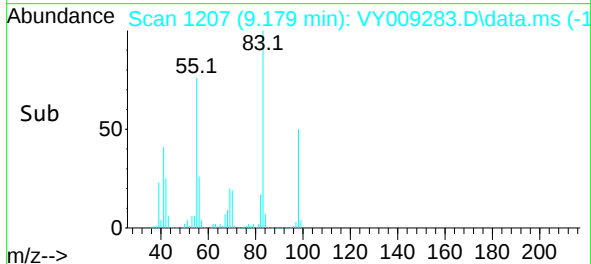
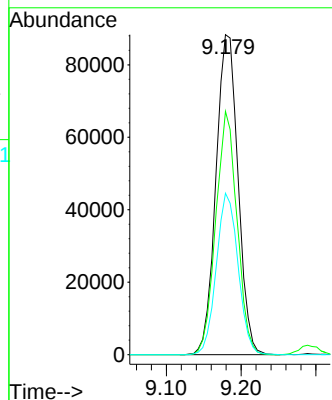
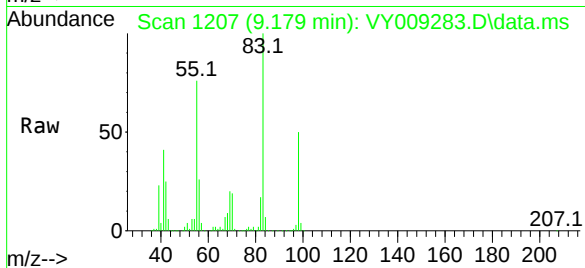
Tgt Ion: 83 Resp: 181434

Ion Ratio Lower Upper

83 100

55 76.0 66.5 99.7

98 50.5 37.9 56.9



#40

Benzene

Concen: 49.512 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009283.D

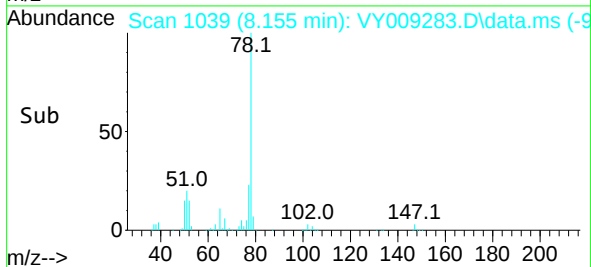
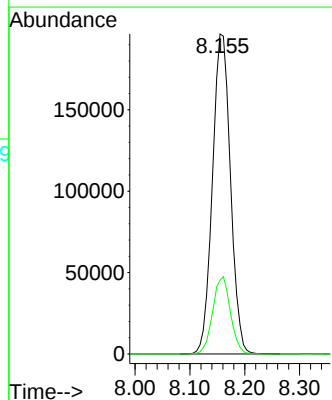
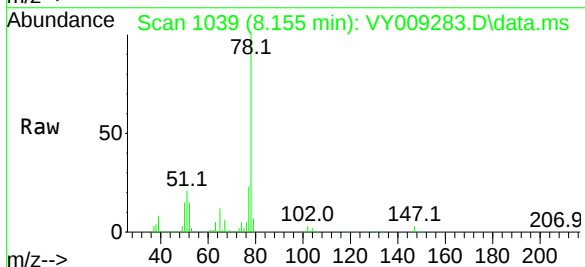
Acq: 23 Jun 2022 09:28

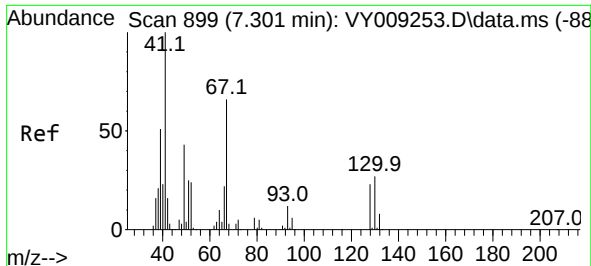
Tgt Ion: 78 Resp: 447507

Ion Ratio Lower Upper

78 100

77 23.0 20.4 30.6

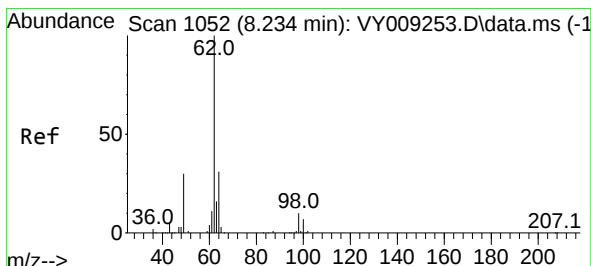
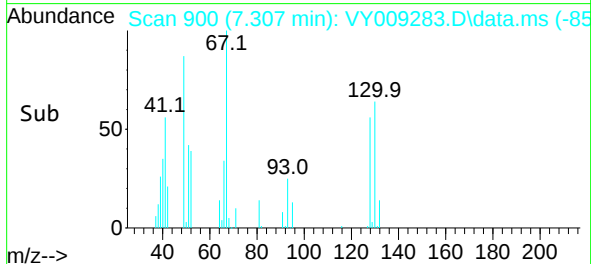
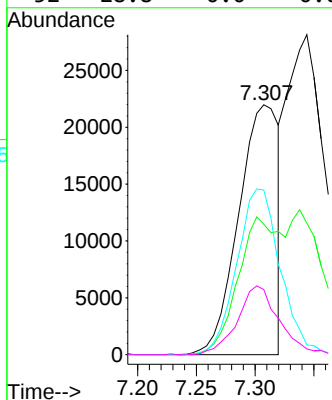
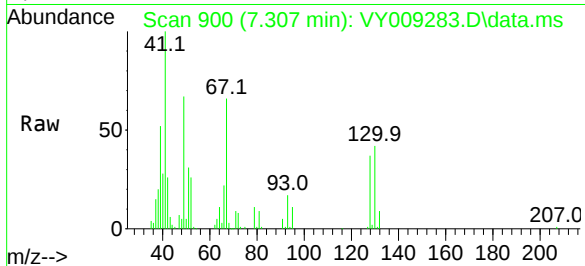




#41
Methacrylonitrile
Concen: 50.664 ug/l
RT: 7.307 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

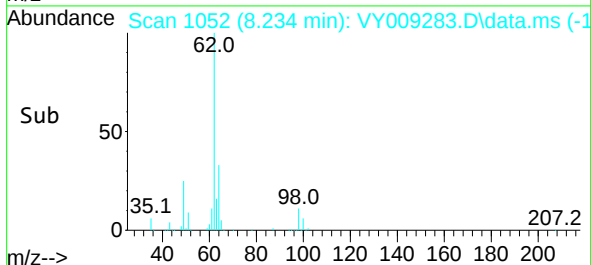
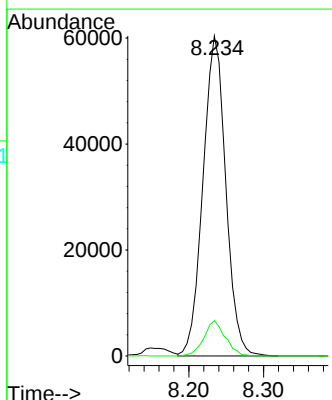
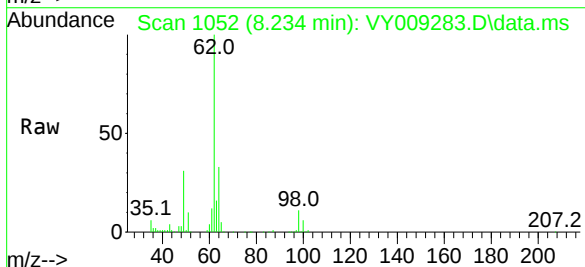
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

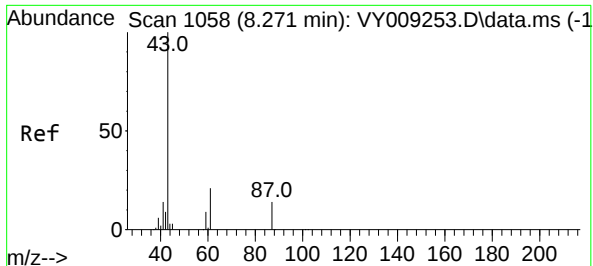
Tgt Ion: 41 Resp: 51895
Ion Ratio Lower Upper
41 100
39 61.3 92.9 139.3#
67 72.6 0.0 0.0#
52 28.8 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 49.393 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 62 Resp: 128098
Ion Ratio Lower Upper
62 100
98 10.4 0.0 14.8

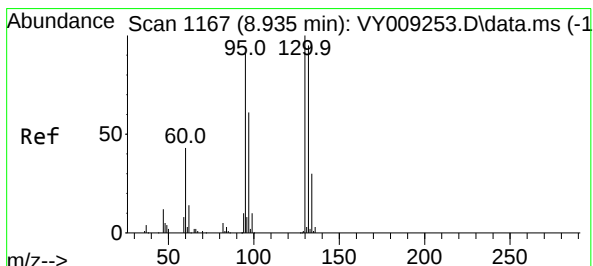
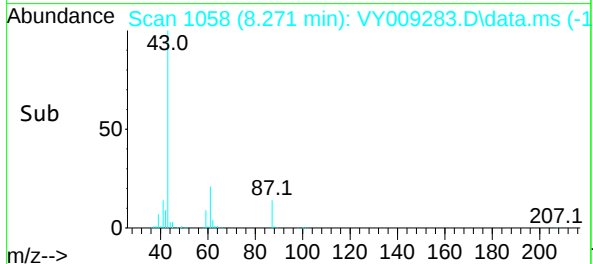
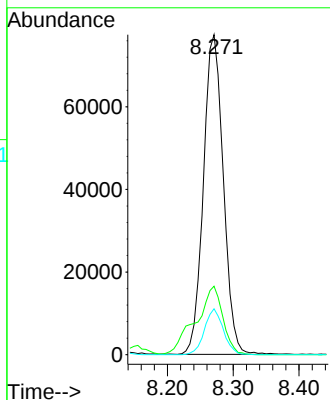
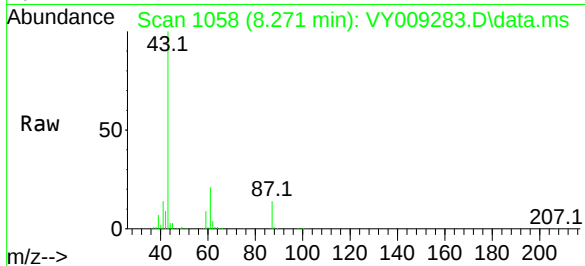




#43
Isopropyl Acetate
Concen: 48.179 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

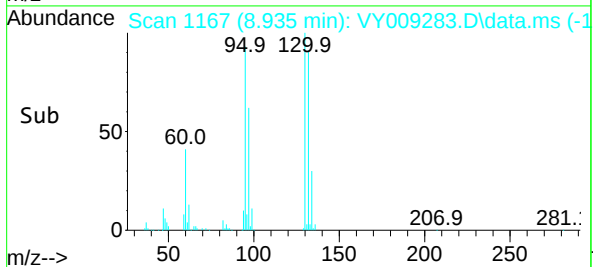
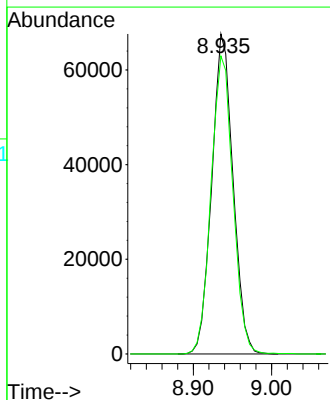
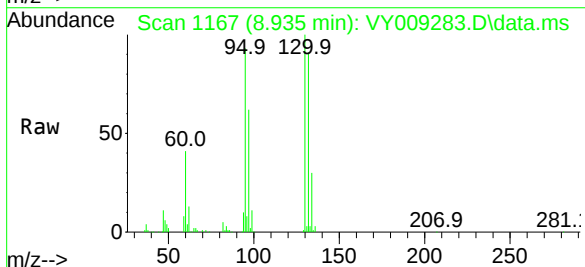
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

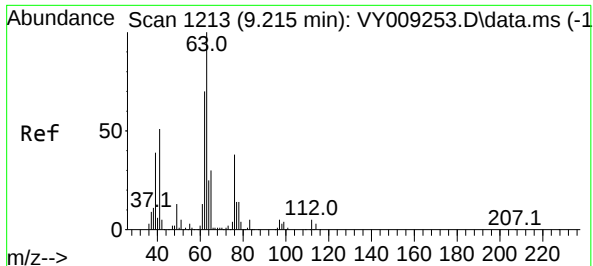
Tgt Ion: 43 Resp: 163107
Ion Ratio Lower Upper
43 100
61 29.3 20.2 30.2
87 13.6 8.9 13.3#



#44
Trichloroethene
Concen: 50.148 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion:130 Resp: 127639
Ion Ratio Lower Upper
130 100
95 93.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 50.013 ug/l

RT: 9.216 min Scan# 116454

Delta R.T. 0.001 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Instrument :

MSVOA_Y

ClientSampleId :

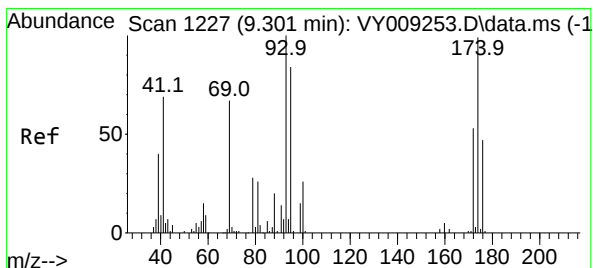
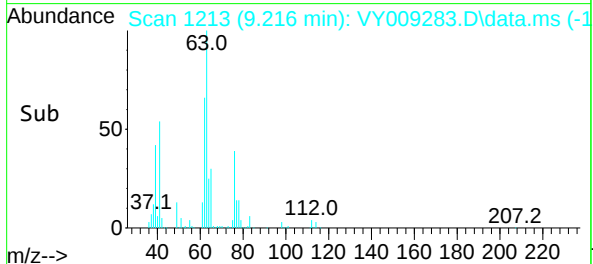
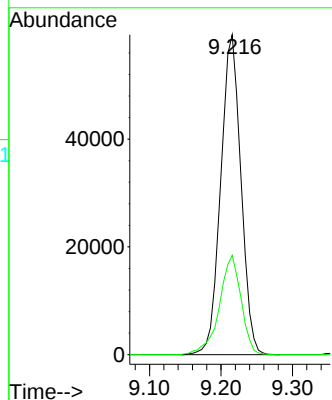
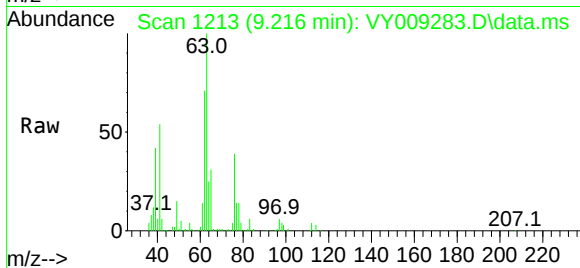
VSTDCCC050

Tgt Ion: 63 Resp: 116454

Ion Ratio Lower Upper

63 100

65 31.1 23.0 34.6



#46

Dibromomethane

Concen: 48.600 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

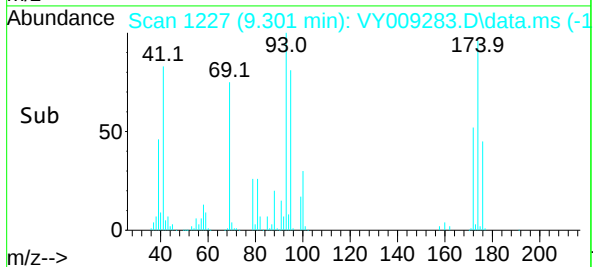
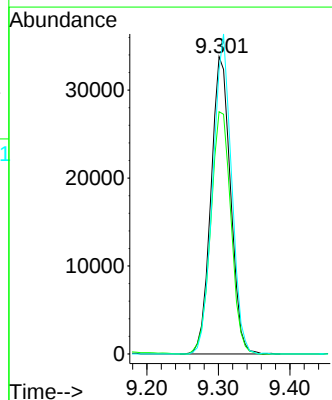
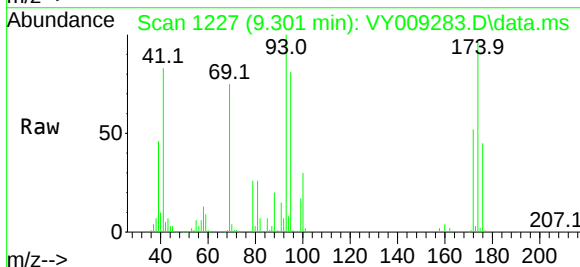
Tgt Ion: 93 Resp: 64350

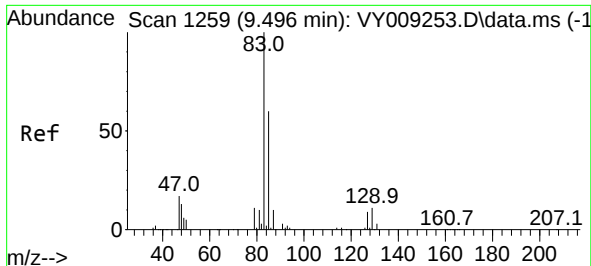
Ion Ratio Lower Upper

93 100

95 83.6 64.3 96.5

174 102.5 83.4 125.0





#47

Bromodichloromethane

Concen: 50.807 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

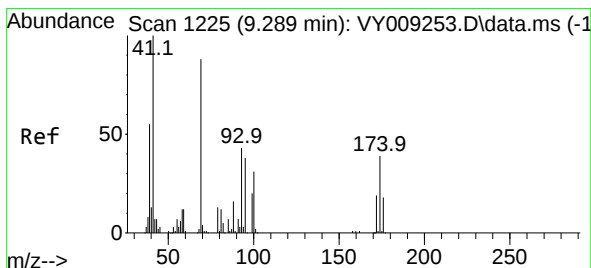
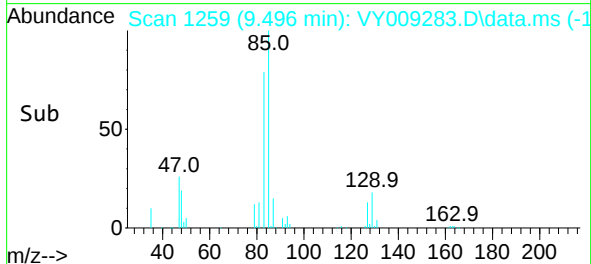
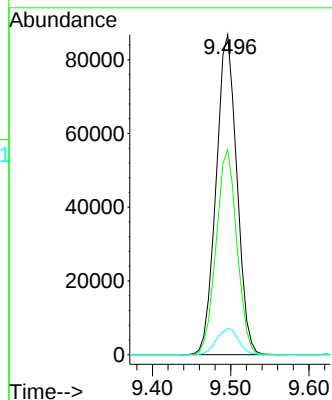
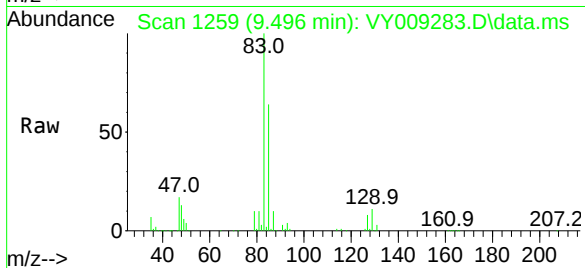
Tgt Ion: 83 Resp: 159750

Ion Ratio Lower Upper

83 100

85 64.1 51.9 77.9

127 8.3 6.6 10.0



#48

Methyl methacrylate

Concen: 49.101 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

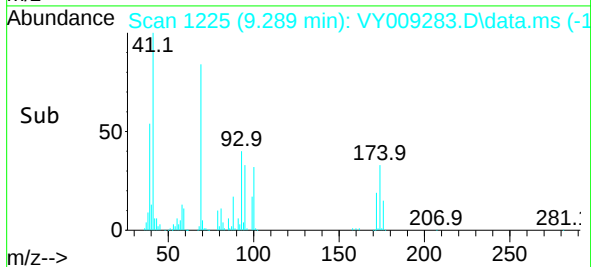
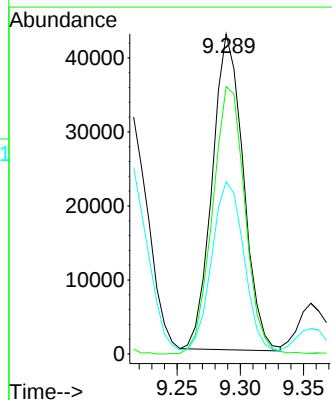
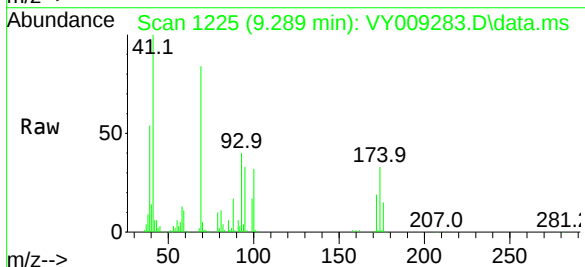
Tgt Ion: 41 Resp: 72861

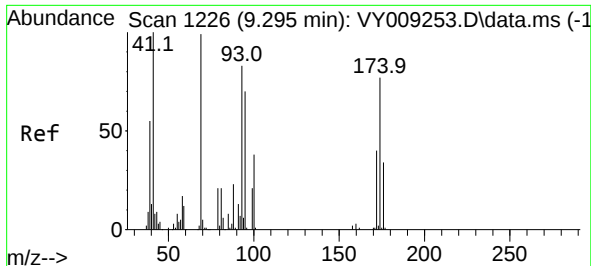
Ion Ratio Lower Upper

41 100

69 88.5 58.2 87.2#

39 57.6 47.4 71.0





#49

1,4-Dioxane

Concen: 924.361 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

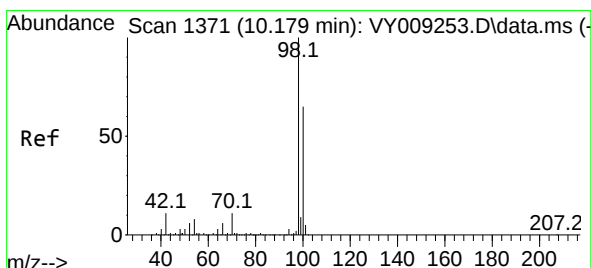
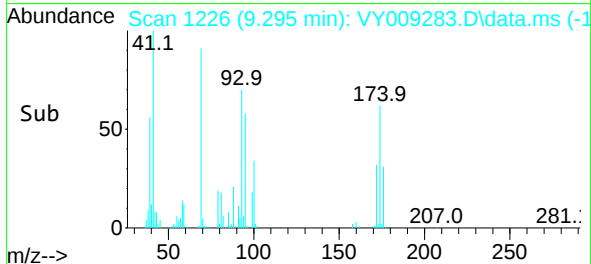
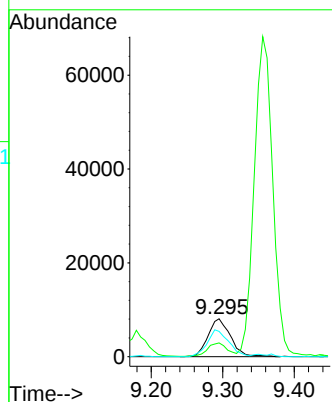
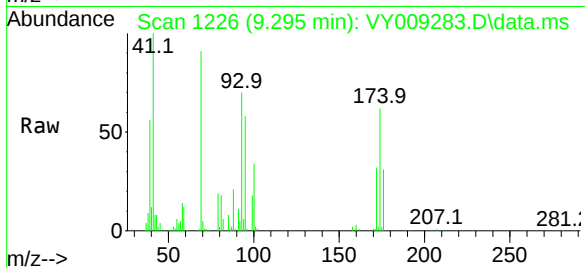
Tgt Ion: 88 Resp: 17588

Ion Ratio Lower Upper

88 100

43 31.6 32.8 49.2#

58 68.2 59.8 89.6



#50

Toluene-d8

Concen: 47.063 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009283.D

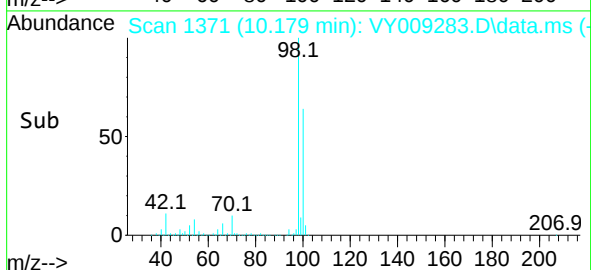
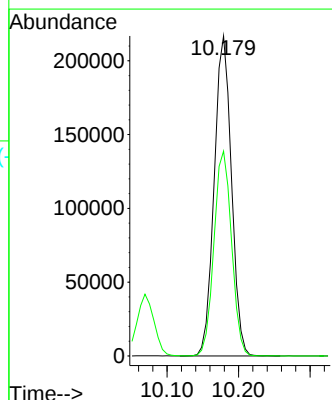
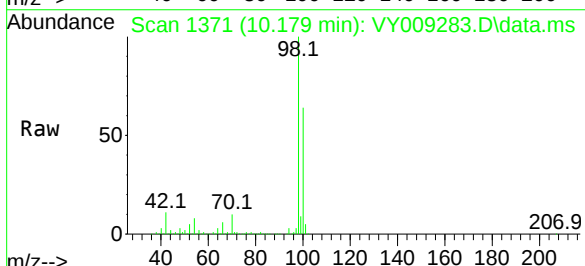
Acq: 23 Jun 2022 09:28

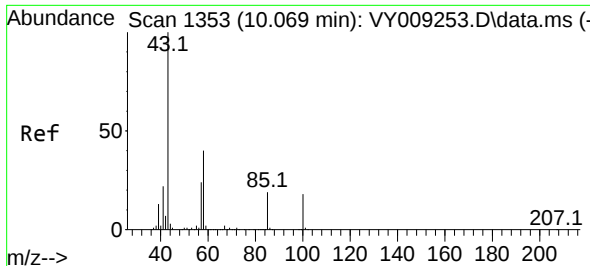
Tgt Ion: 98 Resp: 362938

Ion Ratio Lower Upper

98 100

100 65.4 50.2 75.2

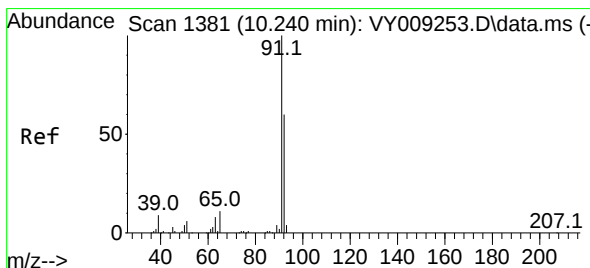
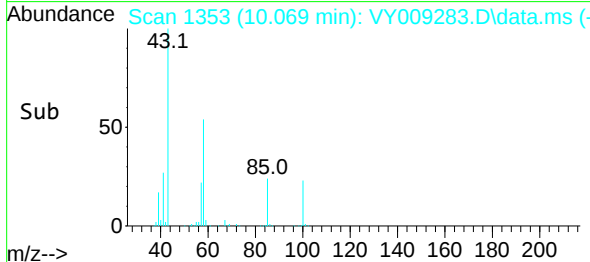
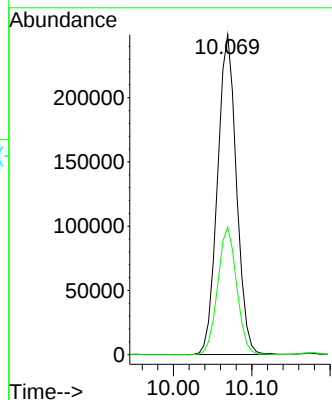
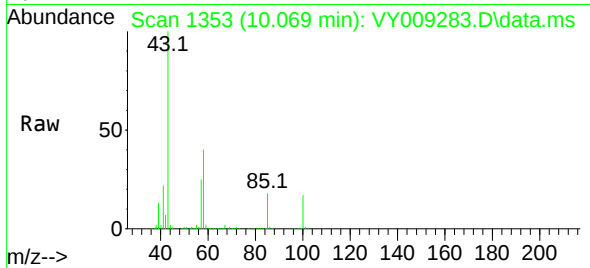




#51
4-Methyl-2-Pentanone
Concen: 237.960 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

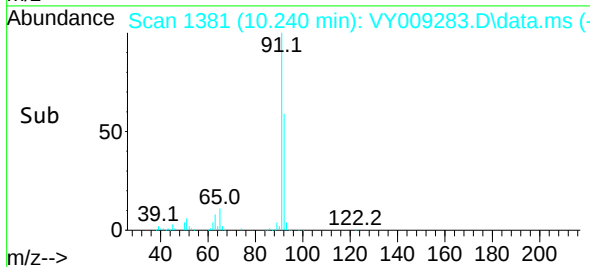
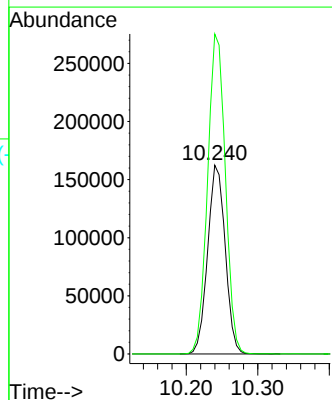
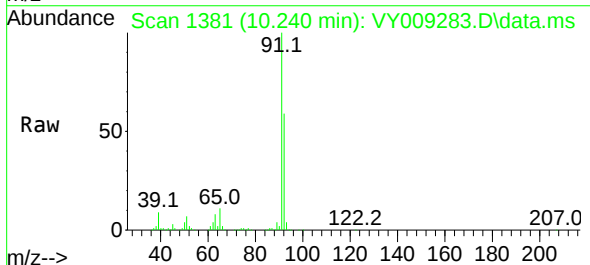
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

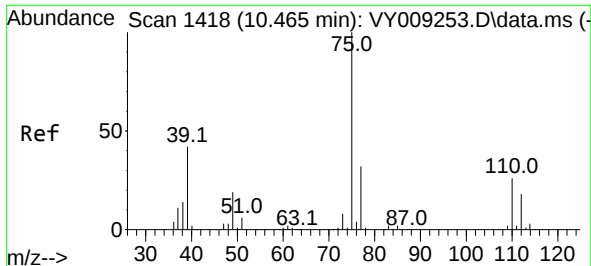
Tgt Ion: 43 Resp: 419023
Ion Ratio Lower Upper
43 100
58 39.8 28.1 42.1



#52
Toluene
Concen: 48.509 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 92 Resp: 277146
Ion Ratio Lower Upper
92 100
91 171.4 142.6 213.8

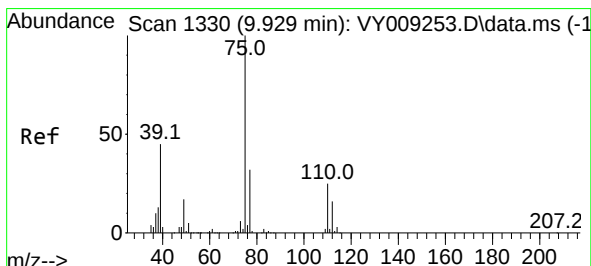
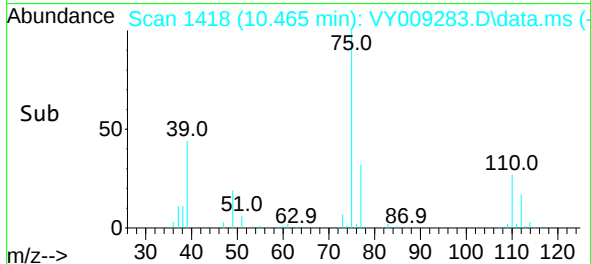
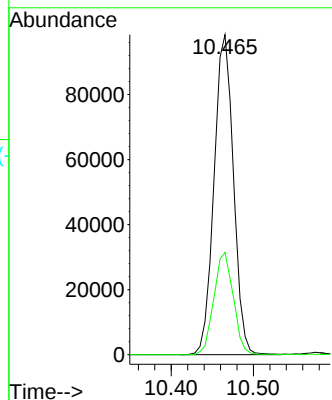
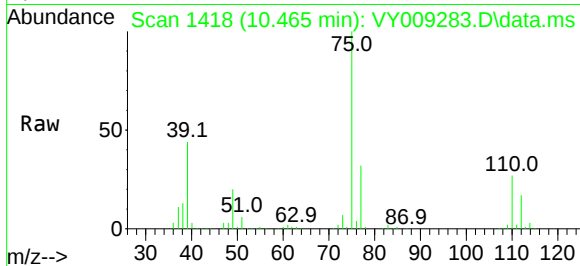




#53
t-1,3-Dichloropropene
Concen: 49.353 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

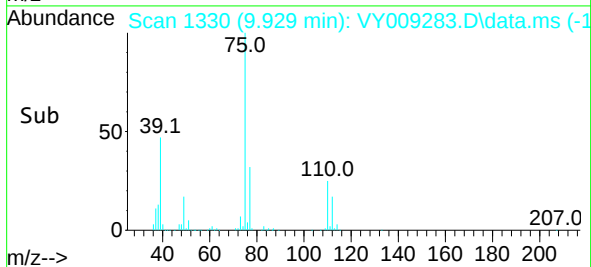
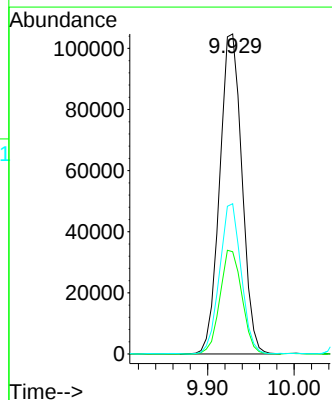
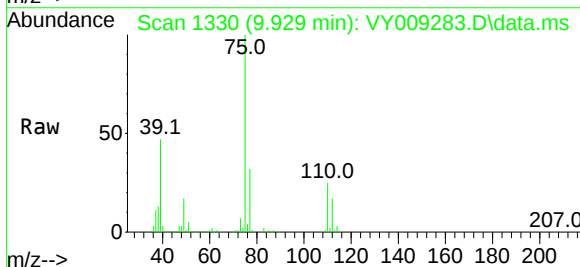
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

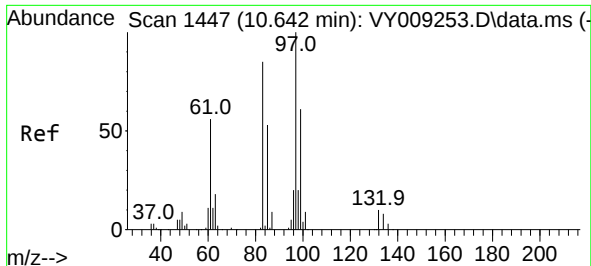
Tgt Ion: 75 Resp: 161350
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 50.287 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 75 Resp: 187126
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
39 46.8 47.6 71.4#

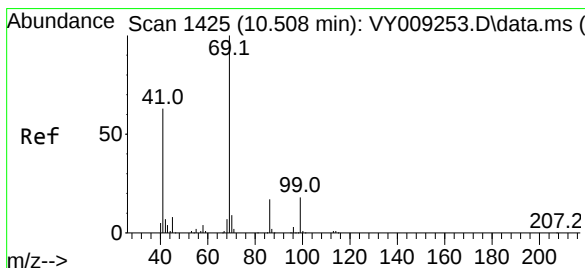
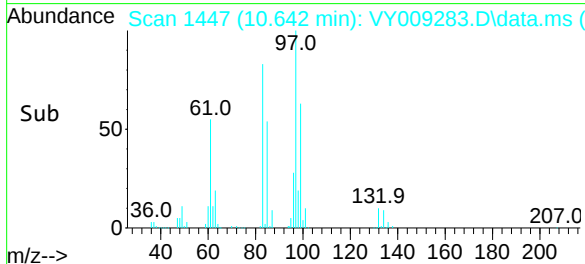
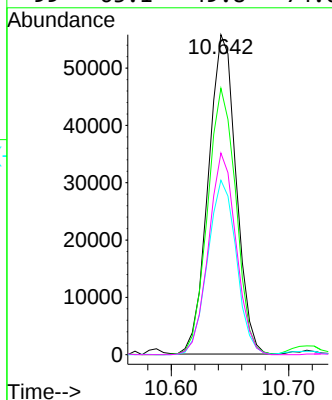
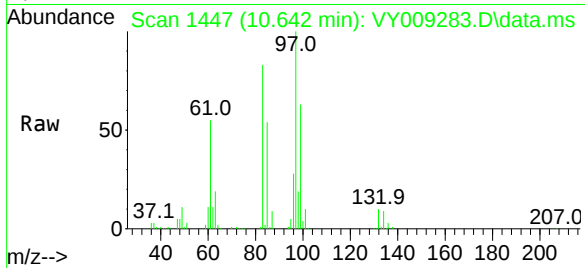




#55
1,1,2-Trichloroethane
Concen: 49.430 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

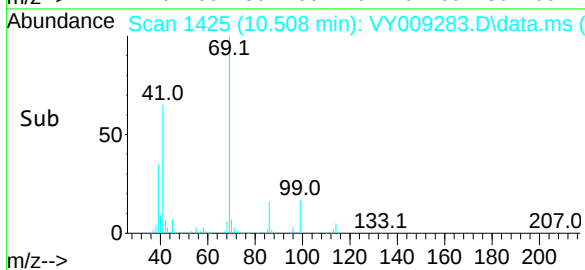
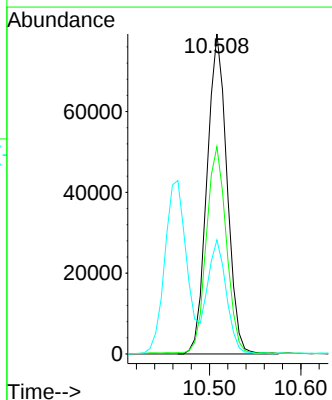
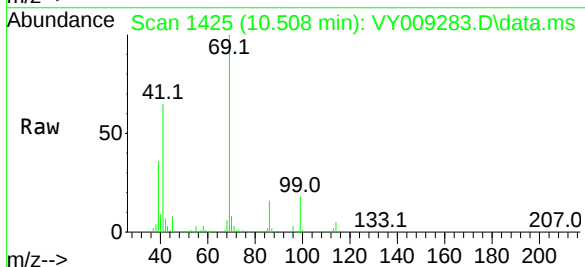
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97	Resp: 91866
Ion Ratio	Lower Upper
97 100	
83 83.1	69.8 104.8
85 54.4	44.3 66.5
99 63.1	49.8 74.6



#56
Ethyl methacrylate
Concen: 49.004 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 69	Resp: 120478
Ion Ratio	Lower Upper
69 100	
41 64.4	63.4 95.0
39 32.8	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 49.244 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Instrument :

MSVOA_Y

ClientSampleId :

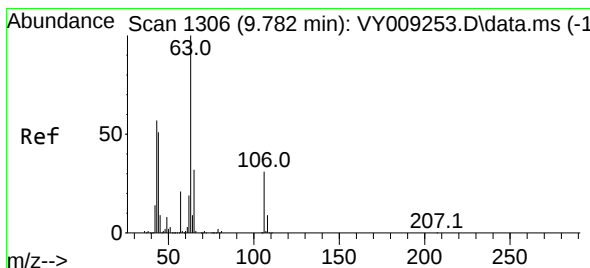
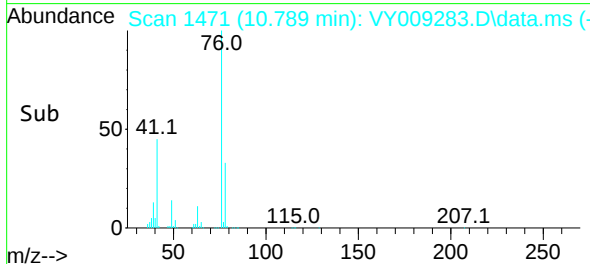
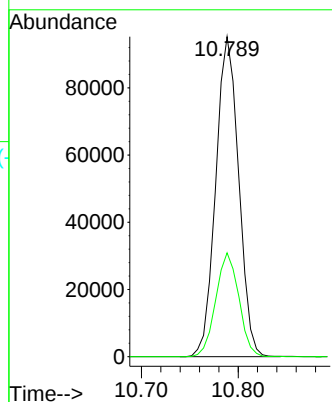
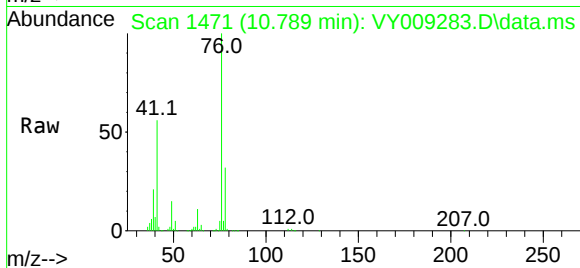
VSTDCCC050

Tgt Ion: 76 Resp: 156607

Ion Ratio Lower Upper

76 100

78 32.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 240.350 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY009283.D

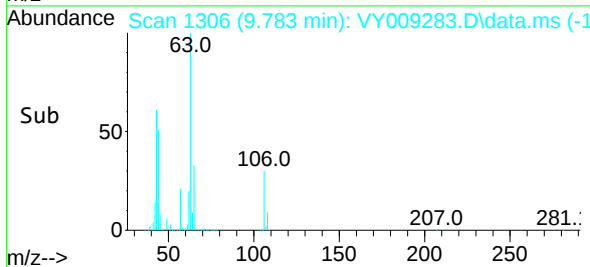
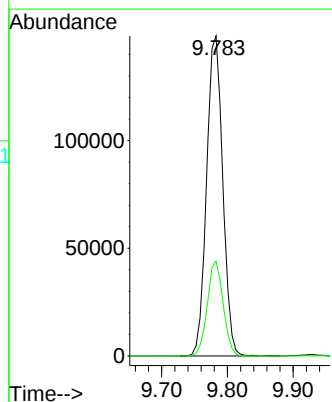
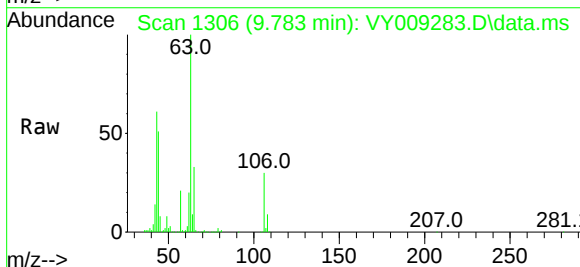
Acq: 23 Jun 2022 09:28

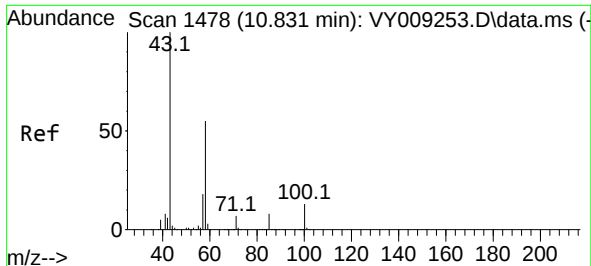
Tgt Ion: 63 Resp: 253500

Ion Ratio Lower Upper

63 100

106 29.1 21.5 32.3

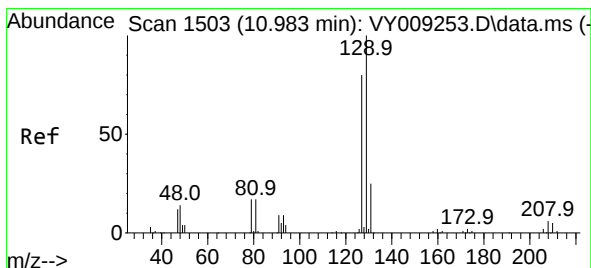
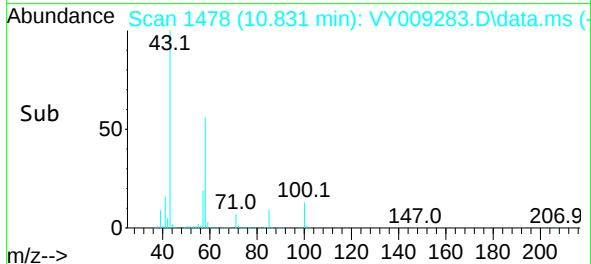
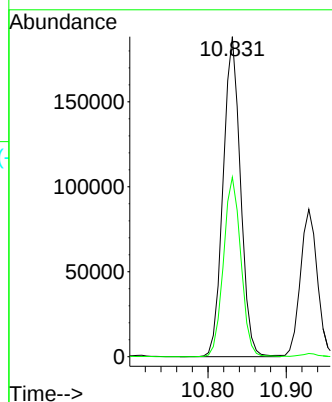
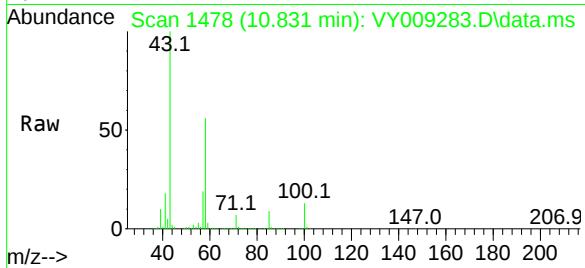




#59
2-Hexanone
Concen: 243.922 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

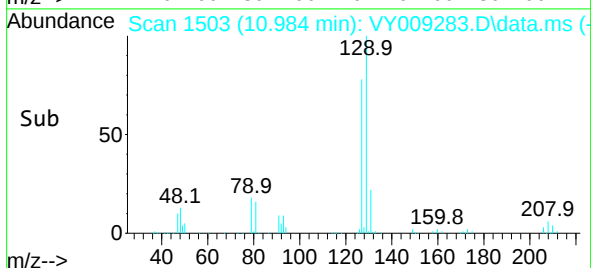
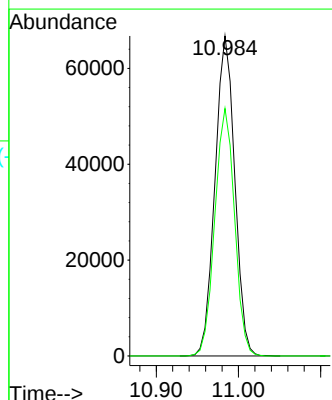
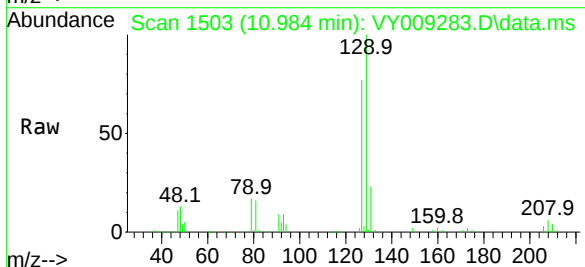
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

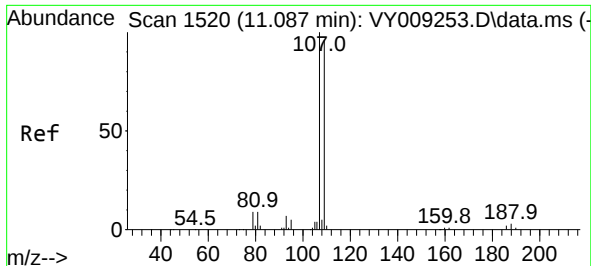
Tgt Ion: 43 Resp: 290682
Ion Ratio Lower Upper
43 100
58 56.1 24.4 73.4



#60
Dibromochloromethane
Concen: 49.194 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 129 Resp: 111507
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

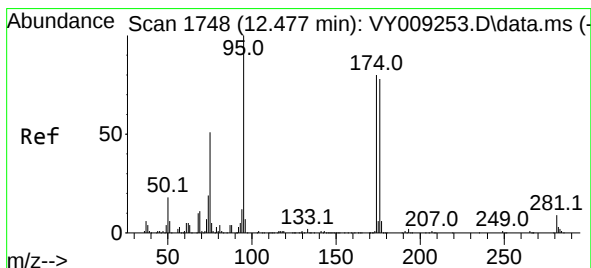
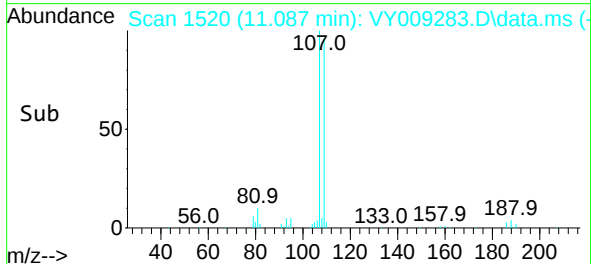
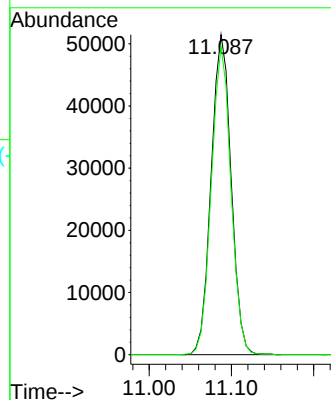
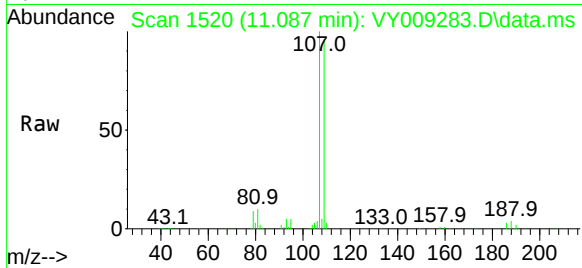




#61
1,2-Dibromoethane
Concen: 47.913 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

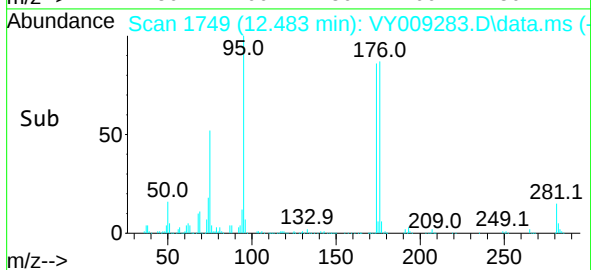
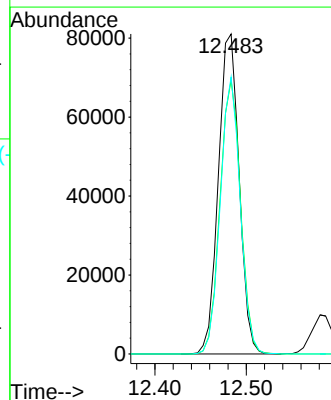
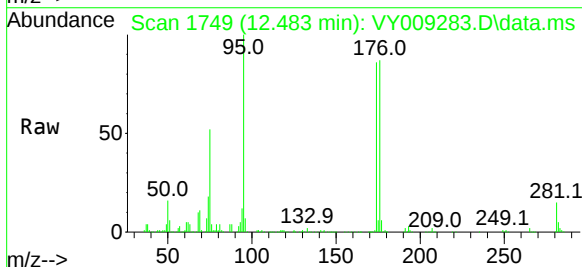
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

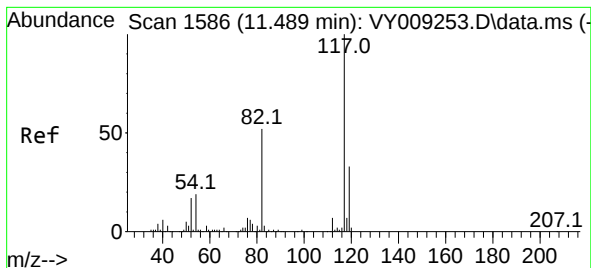
Tgt Ion:107 Resp: 86824
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.183 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 95 Resp: 127860
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 83.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

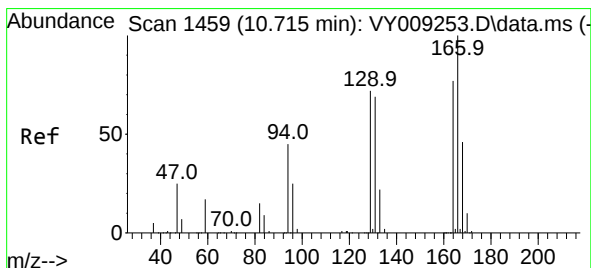
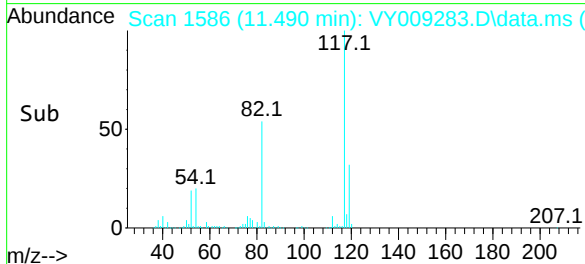
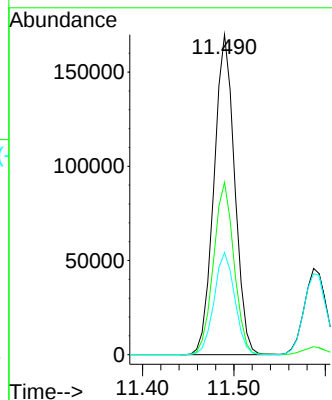
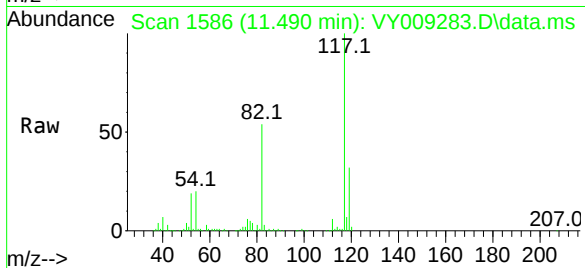
Tgt Ion:117 Resp: 266938

Ion Ratio Lower Upper

117 100

82 53.8 43.0 64.4

119 31.9 25.4 38.0



#64

Tetrachloroethene

Concen: 50.498 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Tgt Ion:164 Resp: 130054

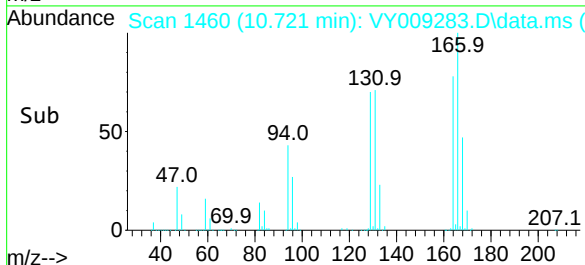
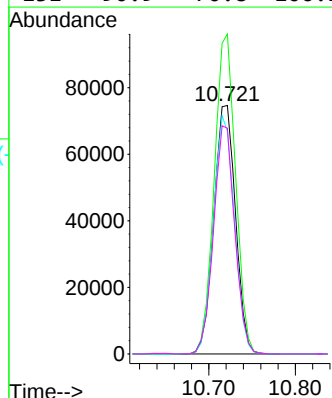
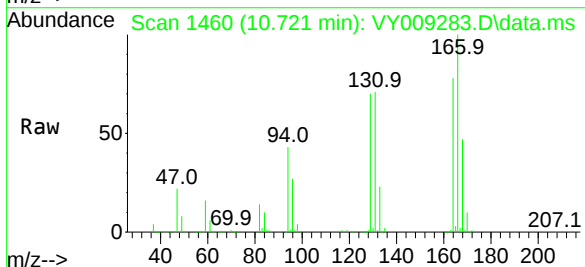
Ion Ratio Lower Upper

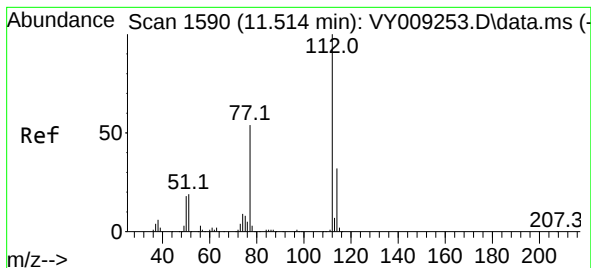
164 100

166 128.8 100.4 150.6

129 89.6 71.4 107.0

131 90.9 70.8 106.2





#65

Chlorobenzene

Concen: 50.155 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Instrument :

MSVOA_Y

ClientSampleId :

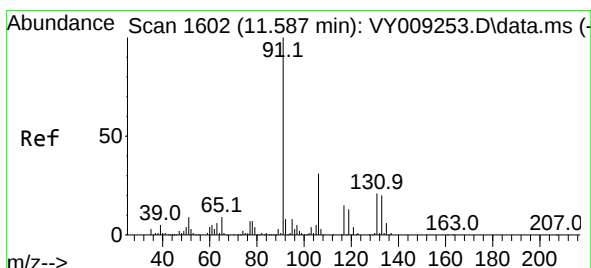
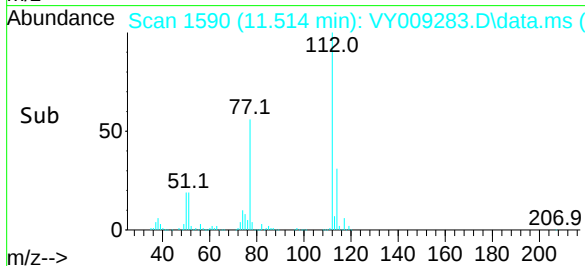
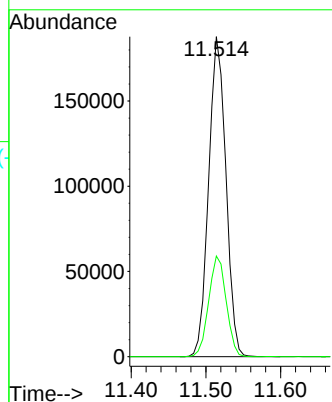
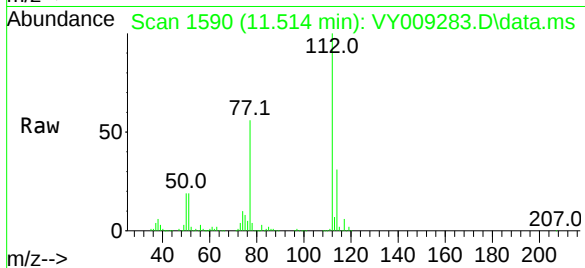
VSTDCCC050

Tgt Ion:112 Resp: 301610

Ion Ratio Lower Upper

112 100

114 31.5 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.976 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

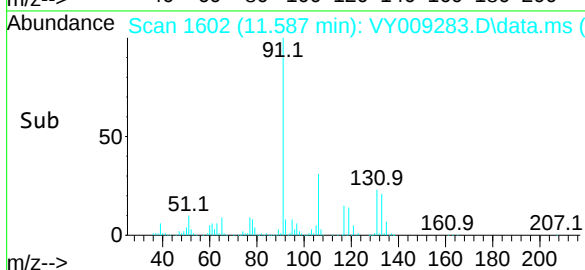
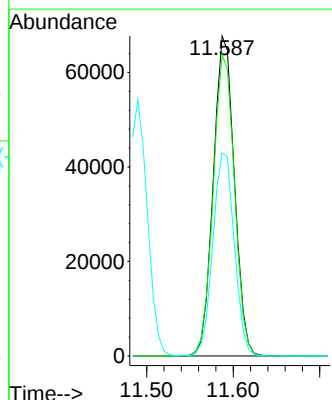
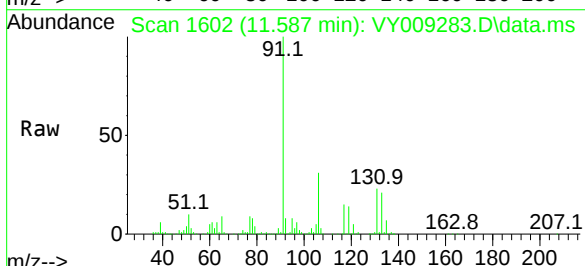
Tgt Ion:131 Resp: 114278

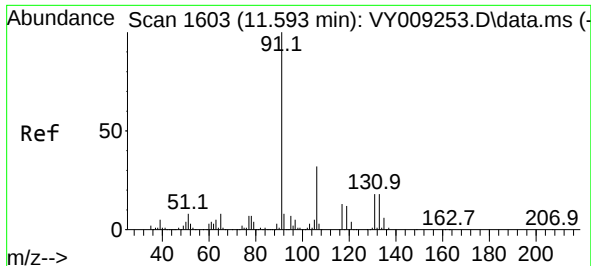
Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.6

119 64.8 30.8 92.3

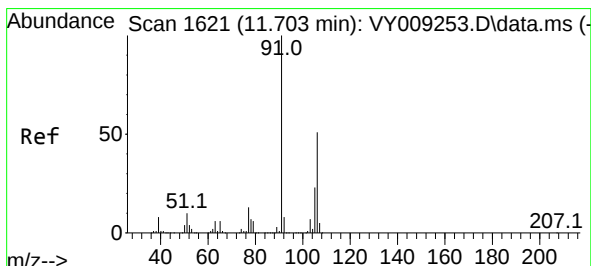
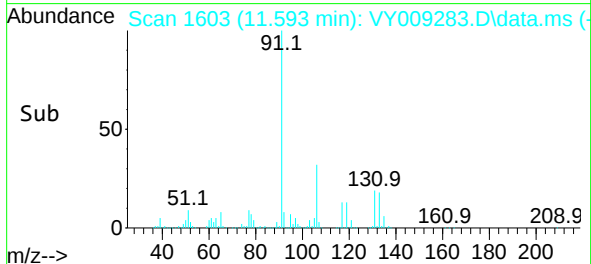
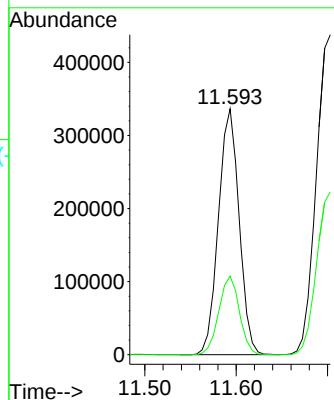
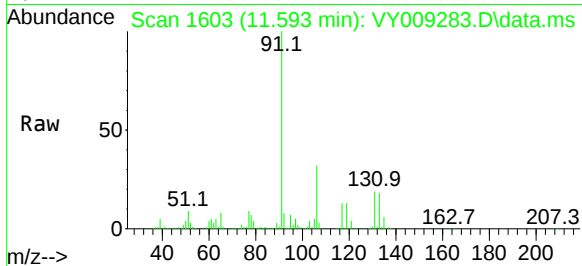




#67
Ethyl Benzene
Concen: 50.753 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

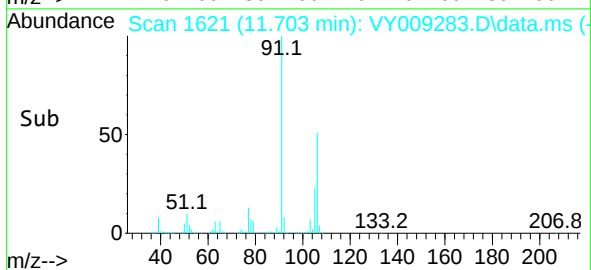
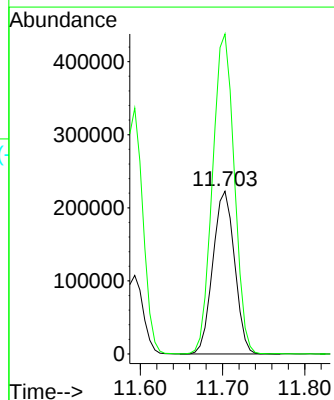
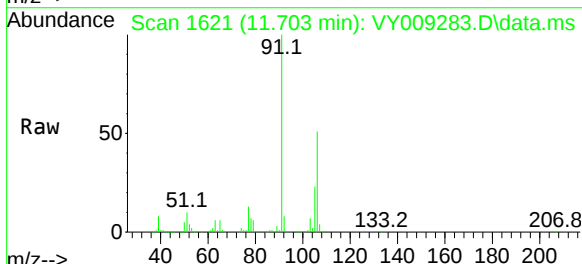
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

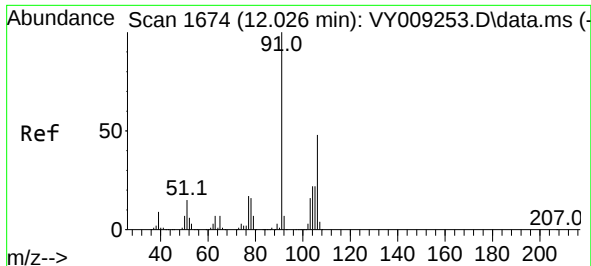
Tgt Ion: 91 Resp: 528934
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7



#68
m/p-Xylenes
Concen: 100.036 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 106 Resp: 409090
Ion Ratio Lower Upper
106 100
91 196.7 166.6 249.8

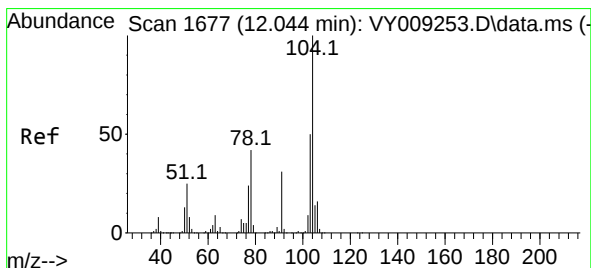
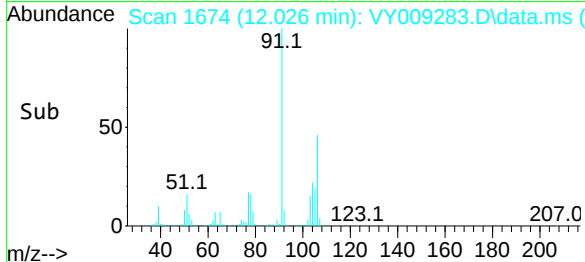
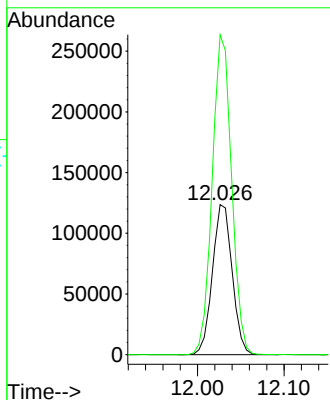
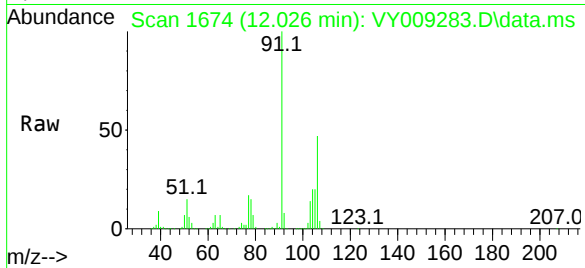




#69
o-Xylene
Concen: 50.338 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

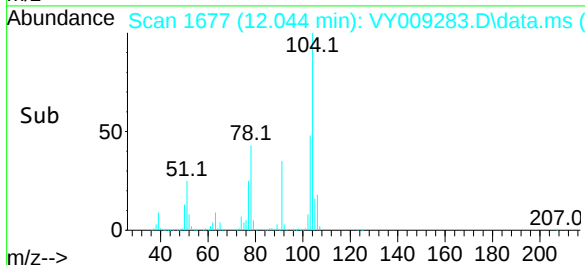
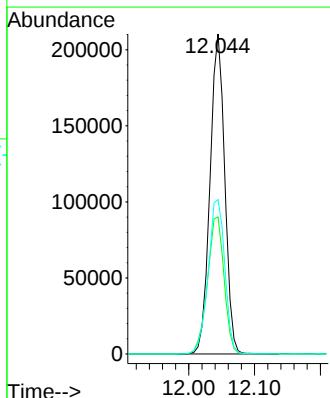
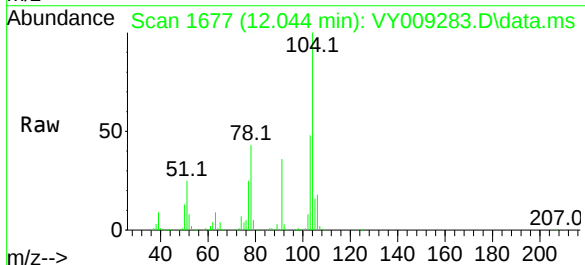
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

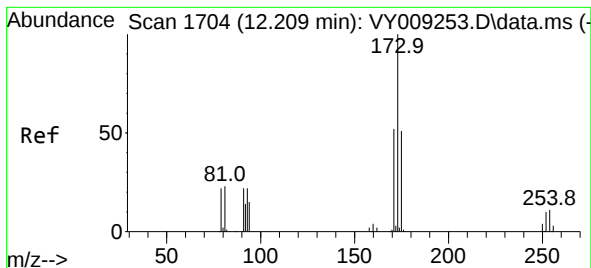
Tgt Ion:106 Resp: 195760
Ion Ratio Lower Upper
106 100
91 209.4 110.3 331.0



#70
Styrene
Concen: 50.967 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion:104 Resp: 328701
Ion Ratio Lower Upper
104 100
78 48.2 42.4 63.6
103 54.5 44.4 66.6





#71

Bromoform

Concen: 50.593 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

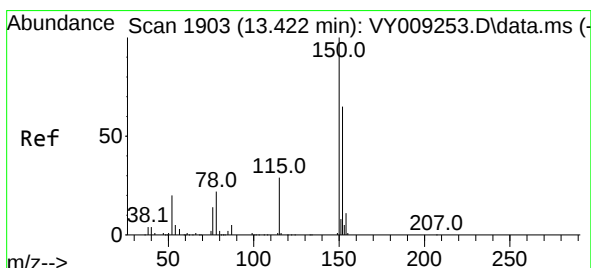
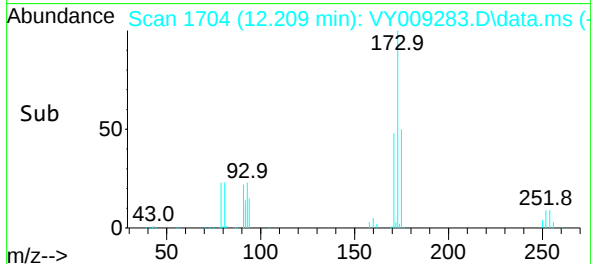
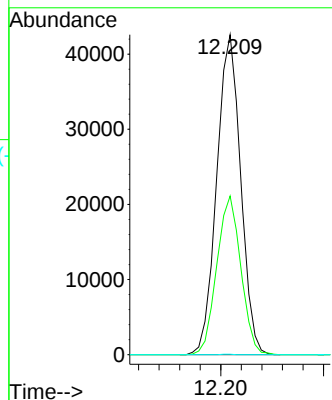
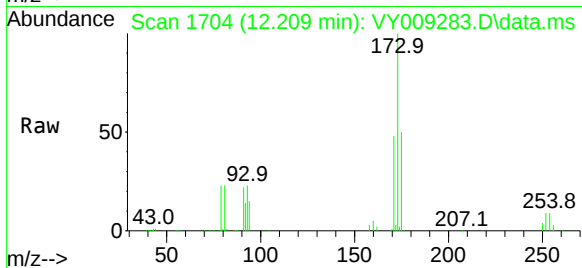
Tgt Ion:173 Resp: 68757

Ion Ratio Lower Upper

173 100

175 49.8 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. 0.006 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

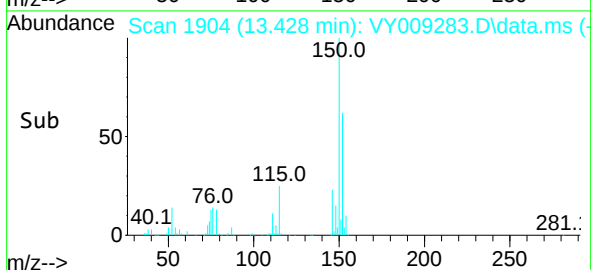
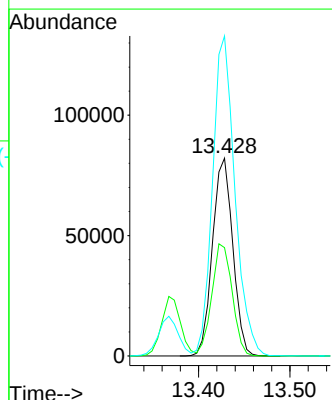
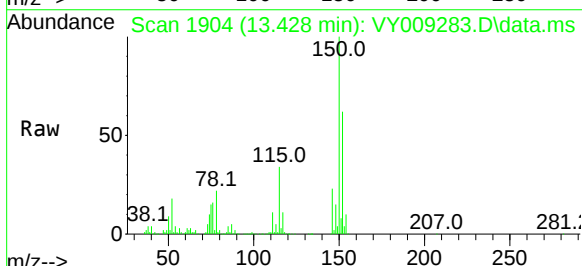
Tgt Ion:152 Resp: 126959

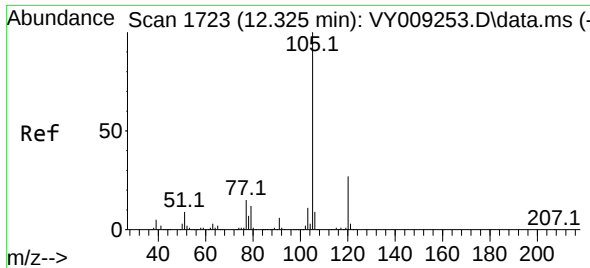
Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 178.0 0.0 347.6

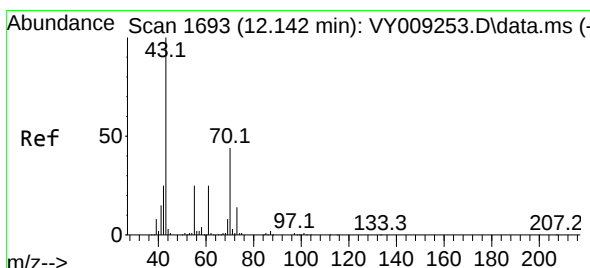
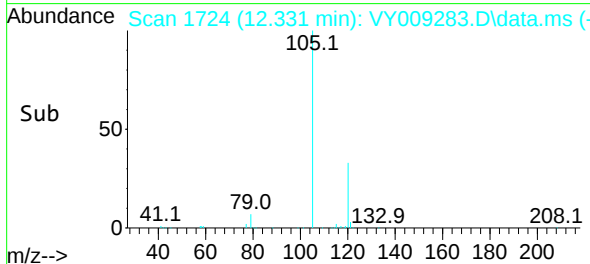
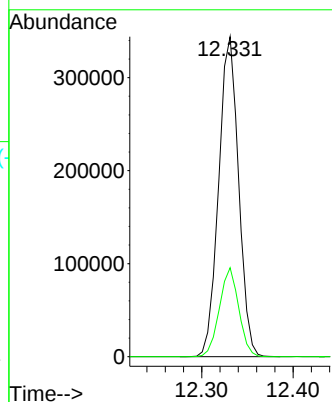
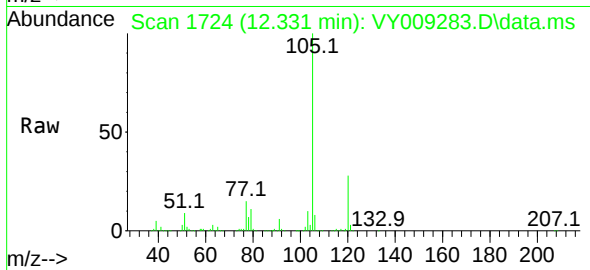




#73
Isopropylbenzene
Concen: 52.318 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

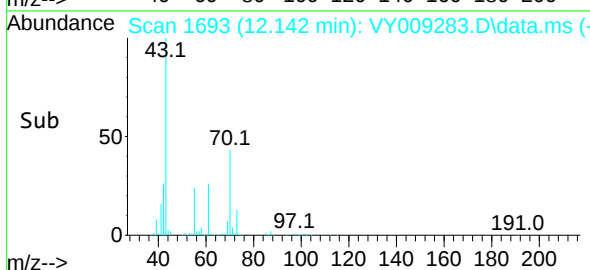
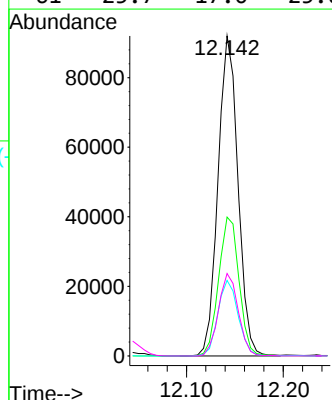
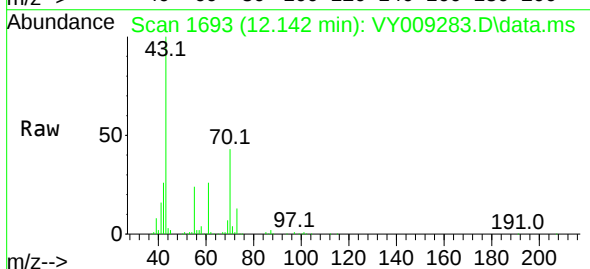
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

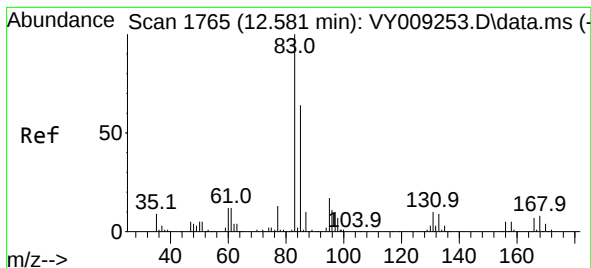
Tgt Ion:105 Resp: 521105
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 49.481 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 43 Resp: 131647
Ion Ratio Lower Upper
43 100
70 44.5 28.7 43.1#
55 24.1 17.3 25.9
61 25.7 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 50.216 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

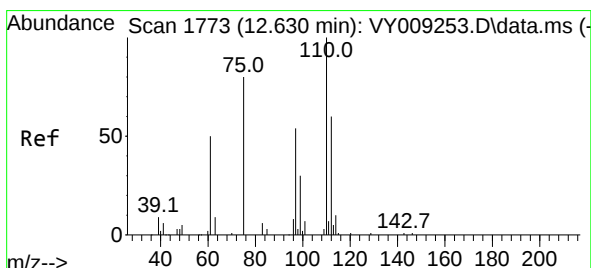
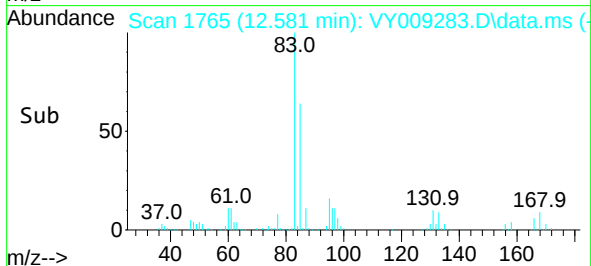
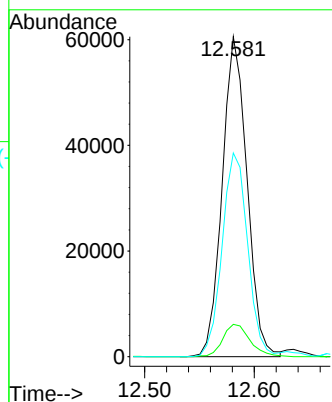
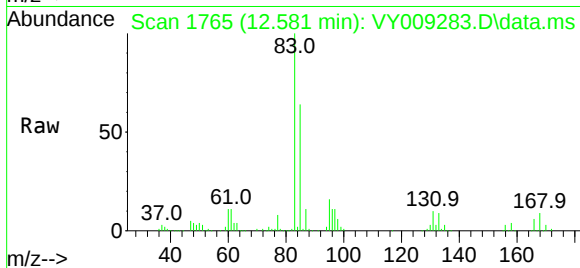
Tgt Ion: 83 Resp: 95164

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

85 65.7 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 88.858 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY009283.D

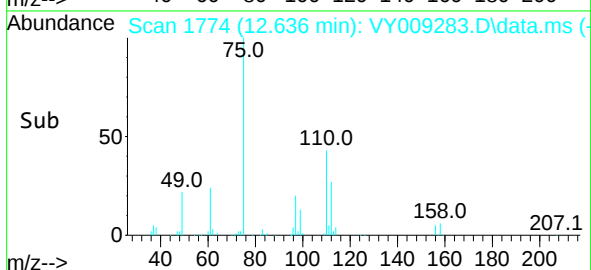
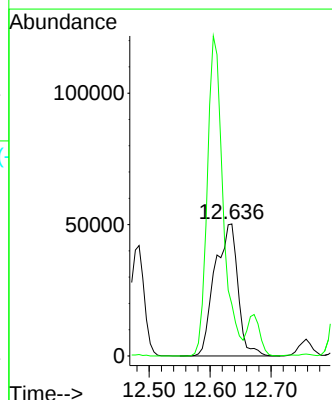
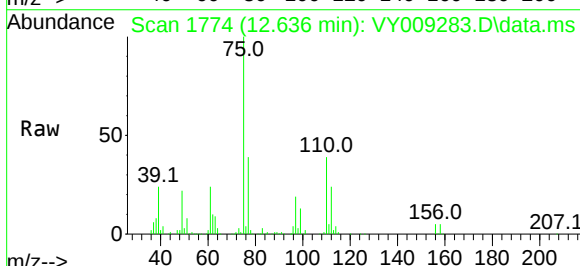
Acq: 23 Jun 2022 09:28

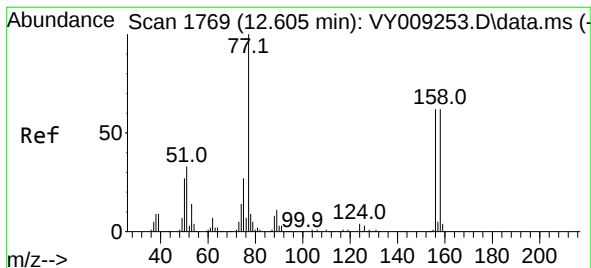
Tgt Ion: 75 Resp: 132262

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.973 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

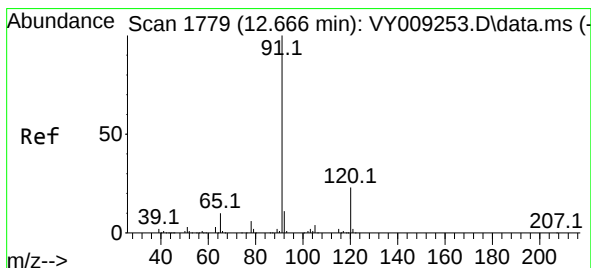
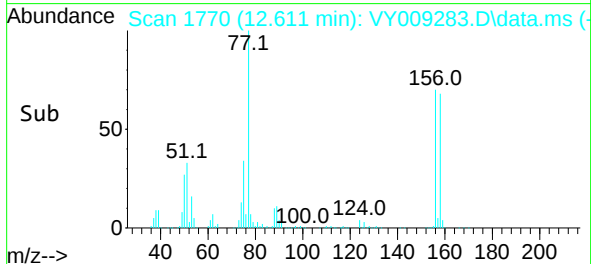
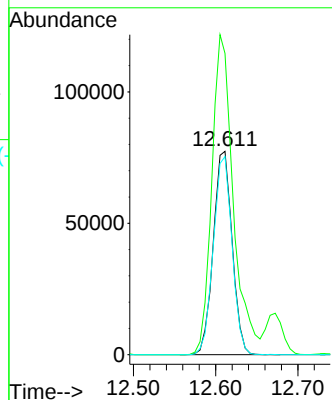
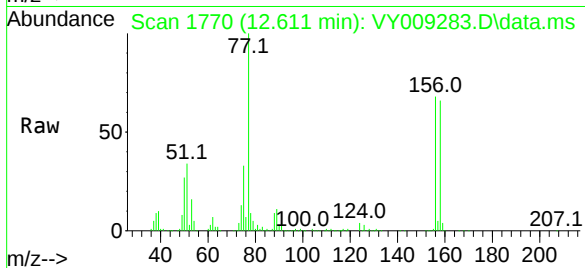
Tgt Ion:156 Resp: 123323

Ion Ratio Lower Upper

156 100

77 178.8 95.5 286.4

158 96.7 48.0 144.0



#78

n-propylbenzene

Concen: 51.444 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY009283.D

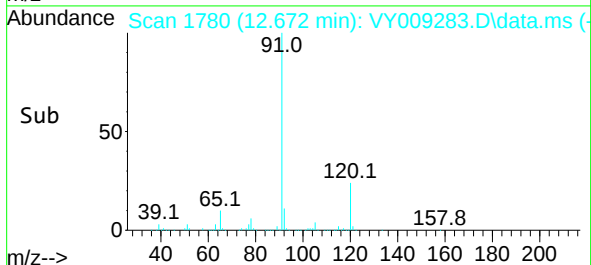
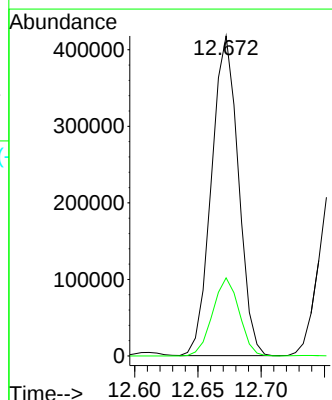
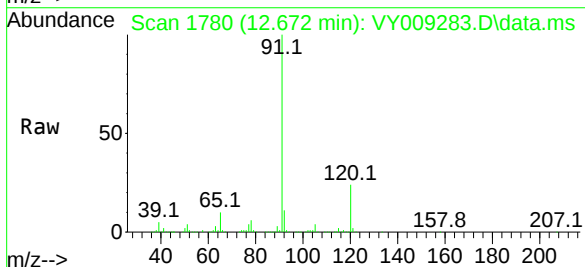
Acq: 23 Jun 2022 09:28

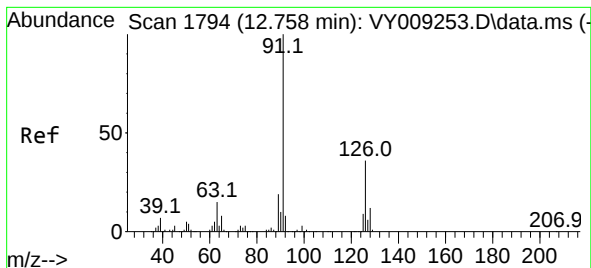
Tgt Ion: 91 Resp: 617379

Ion Ratio Lower Upper

91 100

120 24.1 11.3 33.9





#79

2-Chlorotoluene

Concen: 51.522 ug/l

RT: 12.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Instrument :

MSVOA_Y

ClientSampleId :

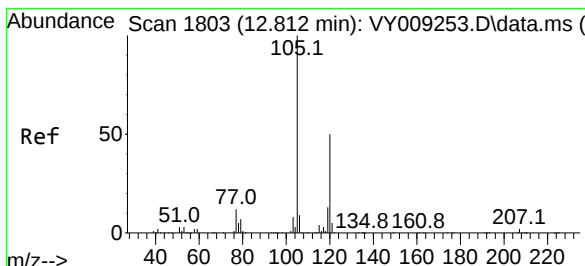
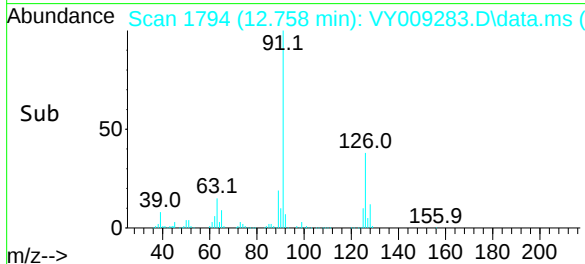
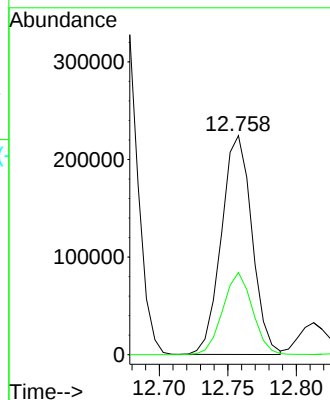
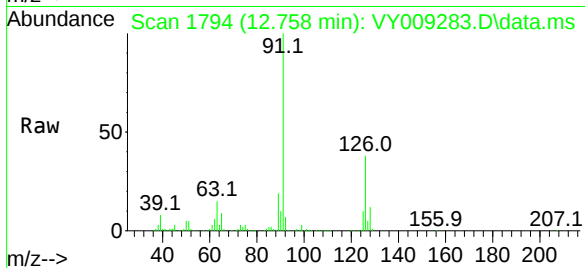
VSTDCCC050

Tgt Ion: 91 Resp: 348282

Ion Ratio Lower Upper

91 100

126 36.5 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 51.764 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY009283.D

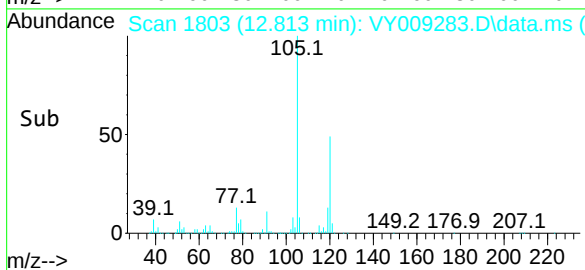
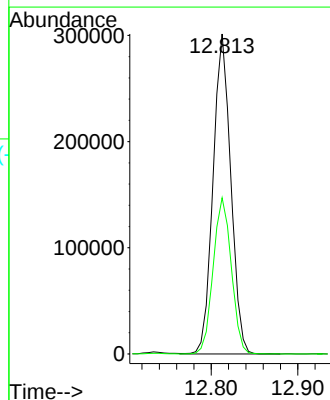
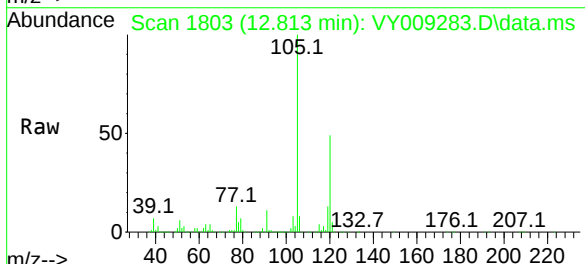
Acq: 23 Jun 2022 09:28

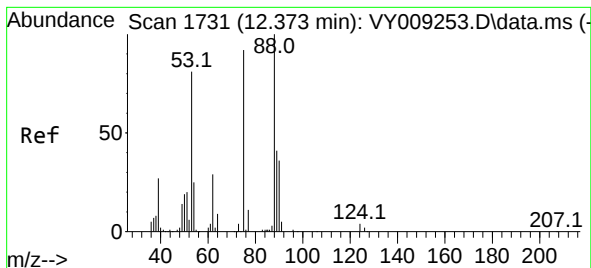
Tgt Ion: 105 Resp: 428028

Ion Ratio Lower Upper

105 100

120 50.0 24.4 73.4

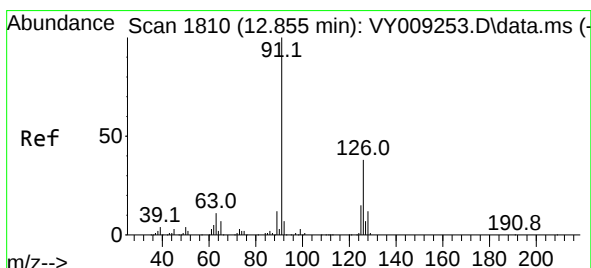
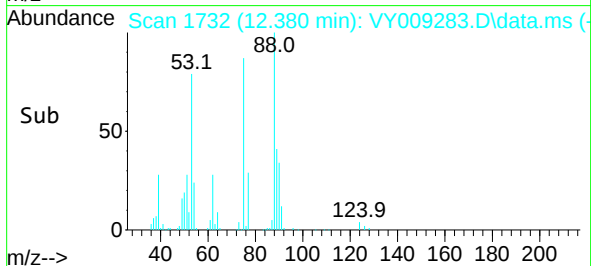
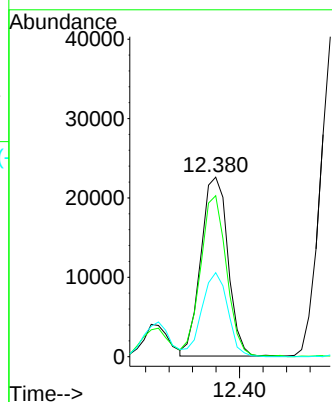
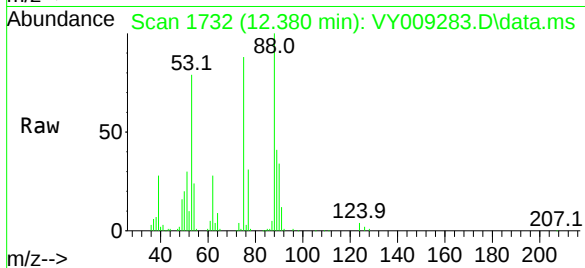




#81
trans-1,4-Dichloro-2-butene
Concen: 51.272 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.007 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

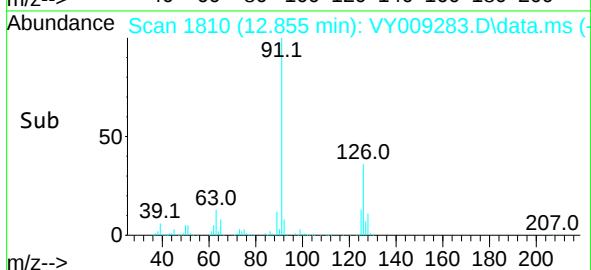
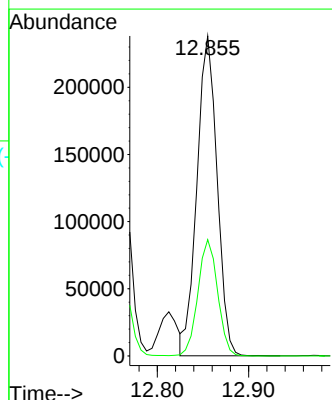
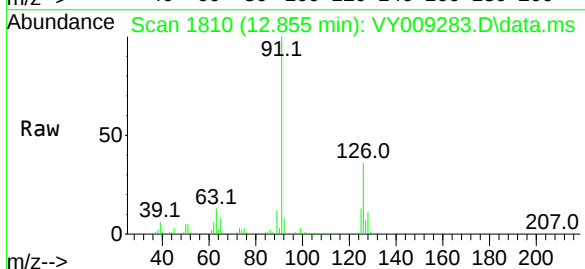
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

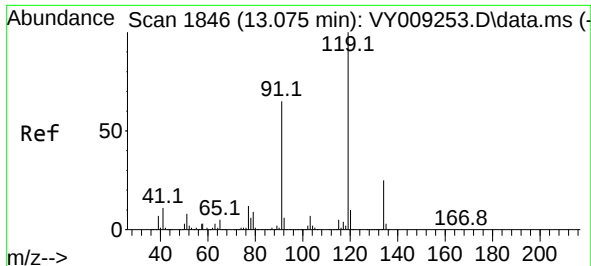
Tgt Ion: 75 Resp: 35993
Ion Ratio Lower Upper
75 100
53 87.3 85.3 127.9
89 45.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 51.730 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 91 Resp: 364730
Ion Ratio Lower Upper
91 100
126 35.6 17.0 51.0

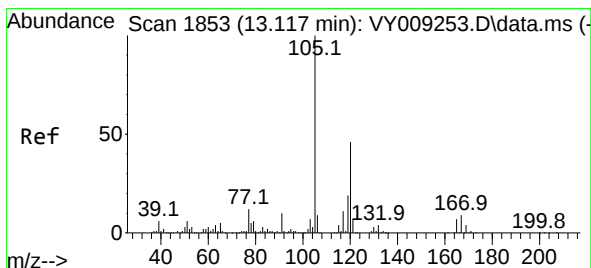
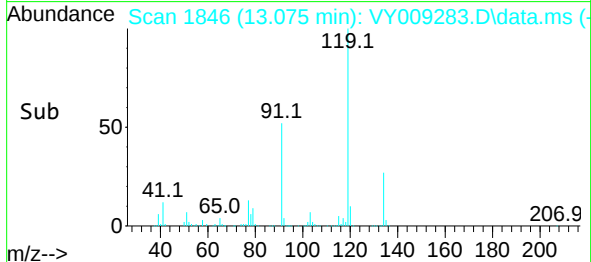
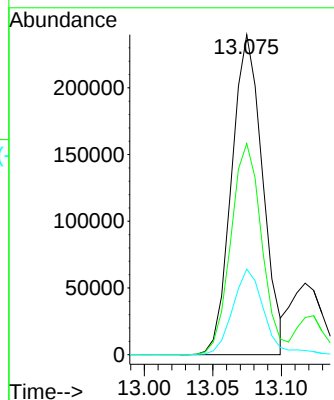
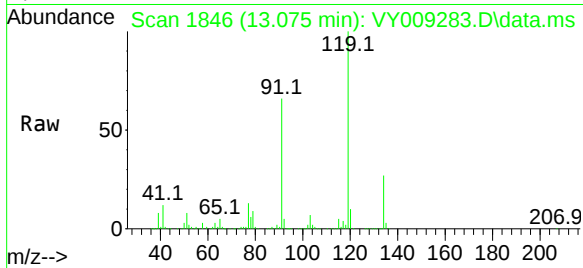




#83
tert-Butylbenzene
Concen: 52.373 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

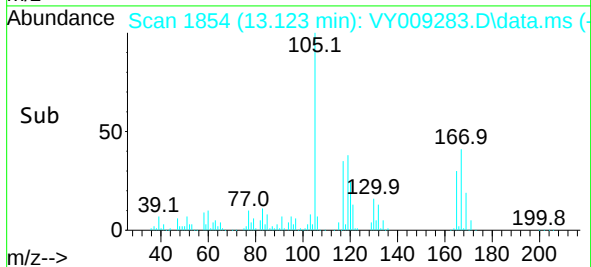
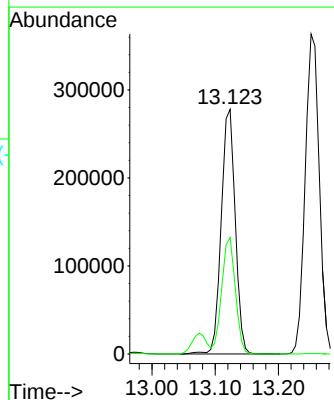
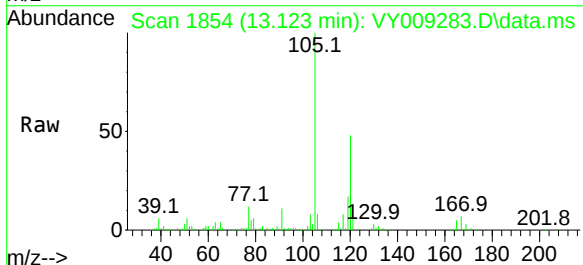
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

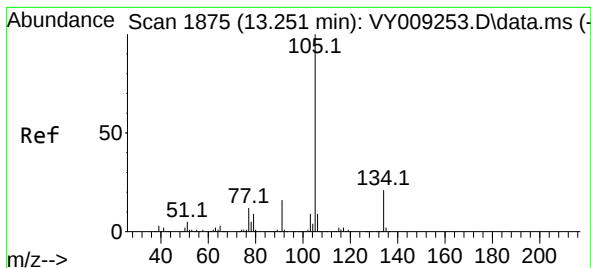
Tgt Ion:119 Resp: 377678
Ion Ratio Lower Upper
119 100
91 66.1 34.8 104.4
134 27.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 52.503 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion:105 Resp: 425432
Ion Ratio Lower Upper
105 100
120 46.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 51.797 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.001 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Instrument :

MSVOA_Y

ClientSampleId :

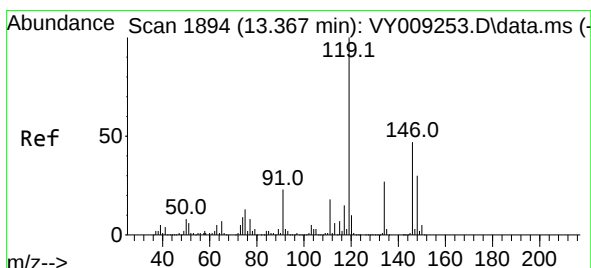
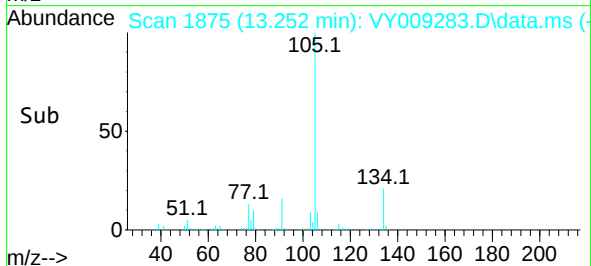
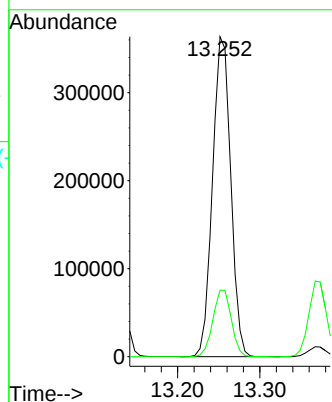
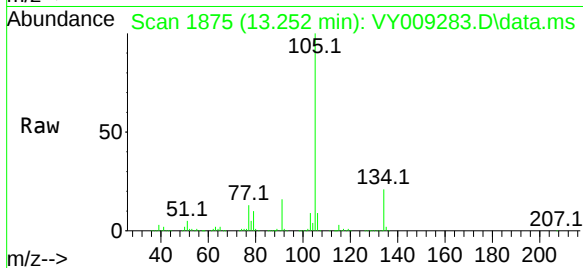
VSTDCCC050

Tgt Ion:105 Resp: 559143

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 52.295 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

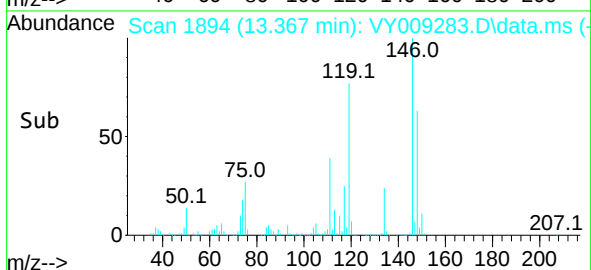
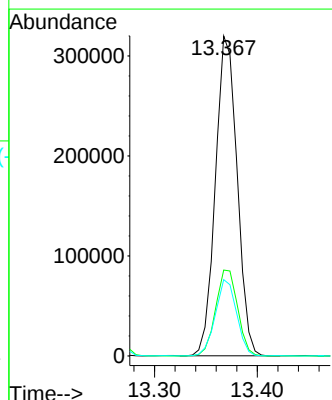
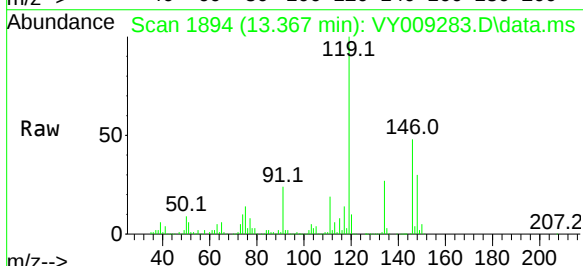
Tgt Ion:119 Resp: 469191

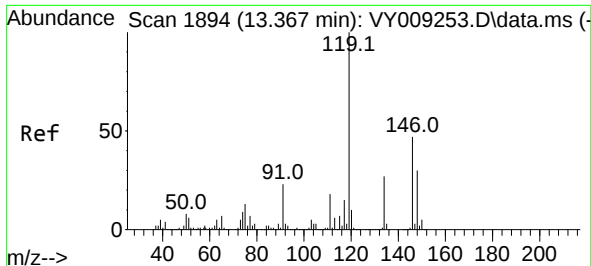
Ion Ratio Lower Upper

119 100

134 27.2 13.2 39.5

91 23.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 51.100 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

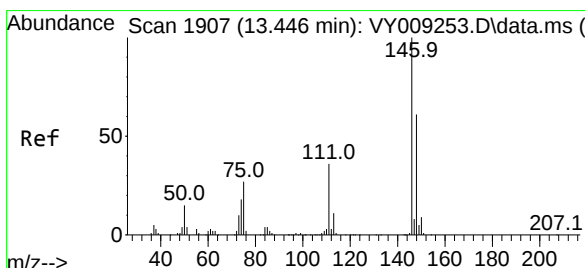
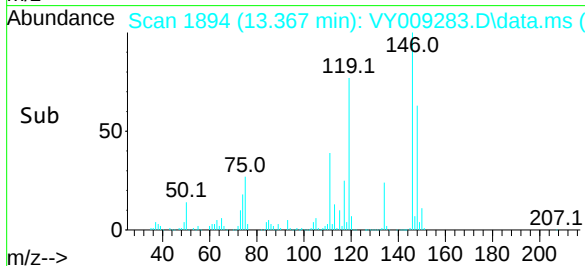
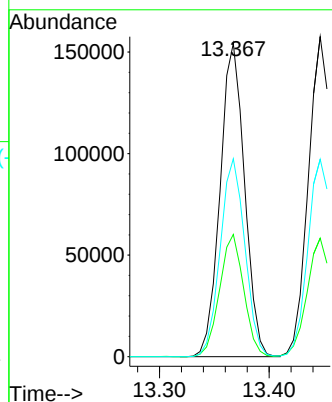
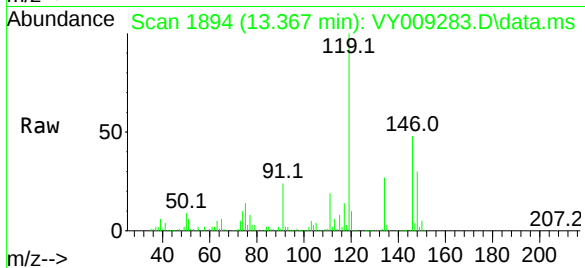
Tgt Ion:146 Resp: 238969

Ion Ratio Lower Upper

146 100

111 38.5 19.5 58.5

148 63.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 51.164 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

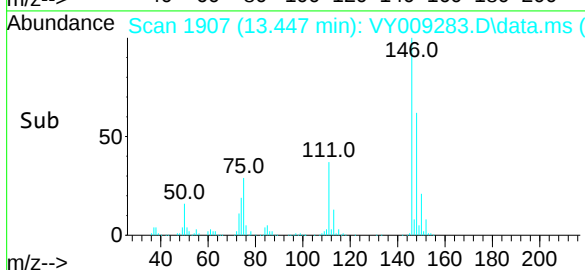
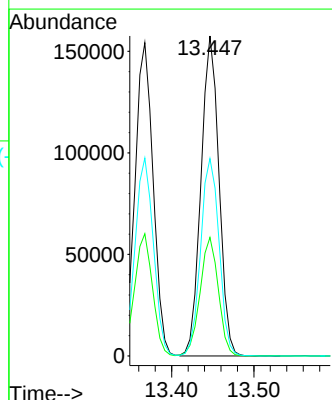
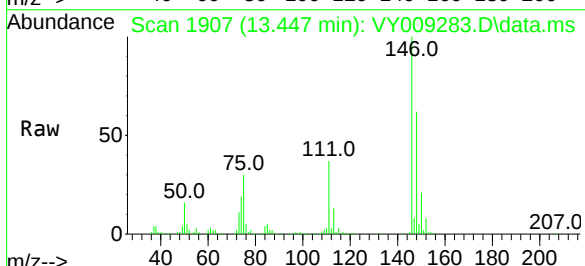
Tgt Ion:146 Resp: 240071

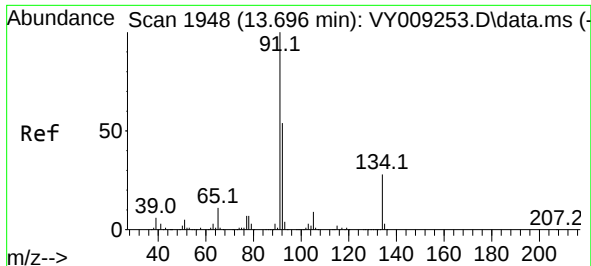
Ion Ratio Lower Upper

146 100

111 37.5 19.3 57.8

148 63.2 32.6 97.8





#89

n-Butylbenzene

Concen: 52.076 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY009283.D

Acq: 23 Jun 2022 09:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

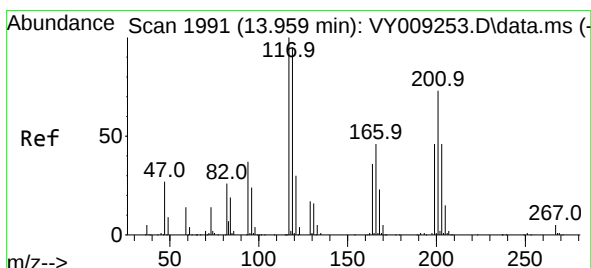
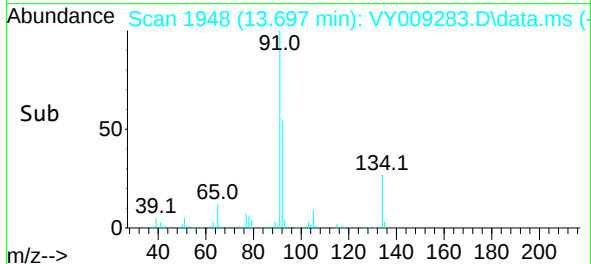
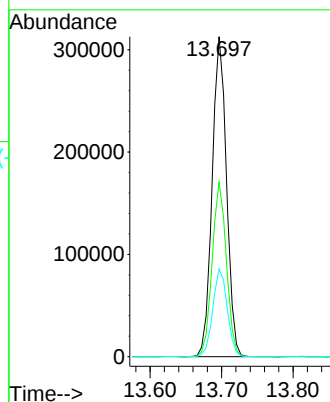
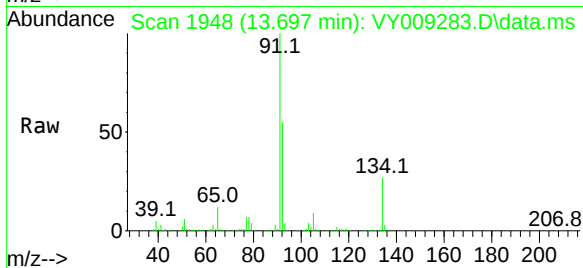
Tgt Ion: 91 Resp: 435115

Ion Ratio Lower Upper

91 100

92 54.1 26.3 78.9

134 27.7 13.0 38.9



#90

Hexachloroethane

Concen: 51.772 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY009283.D

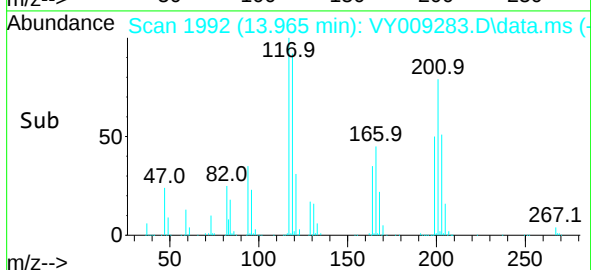
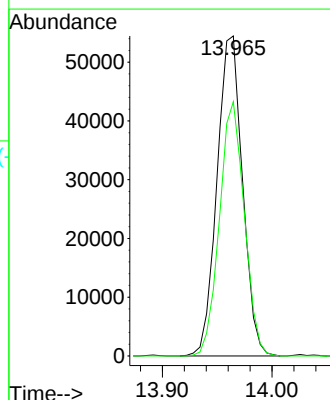
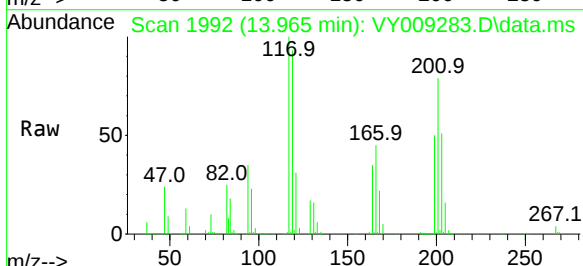
Acq: 23 Jun 2022 09:28

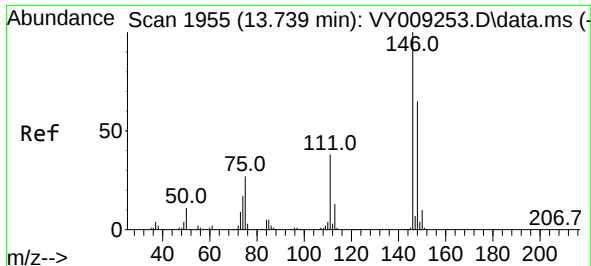
Tgt Ion: 117 Resp: 88111

Ion Ratio Lower Upper

117 100

201 77.3 43.0 128.8

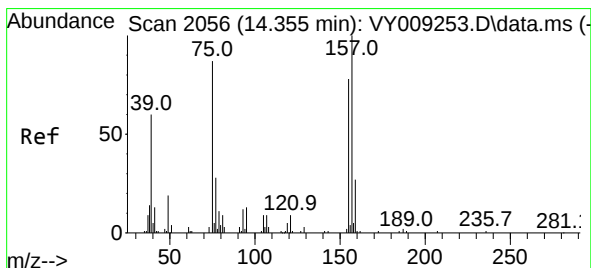
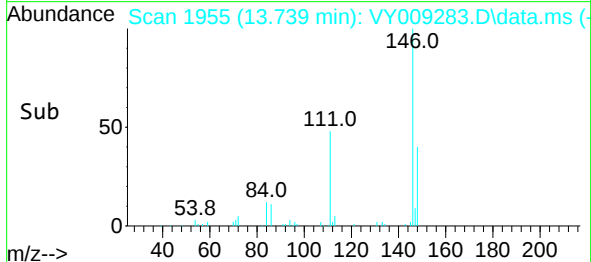
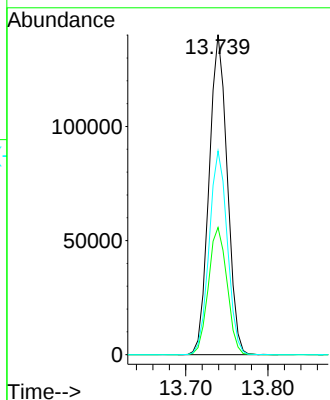
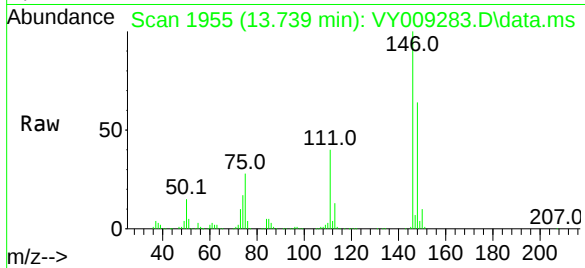




#91
1,2-Dichlorobenzene
Concen: 51.240 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

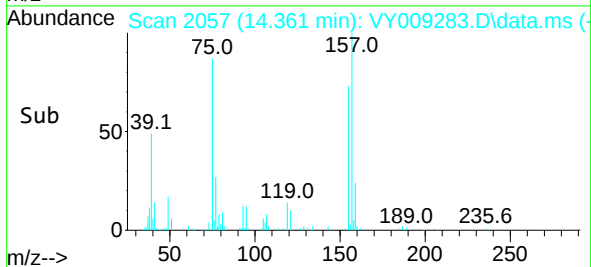
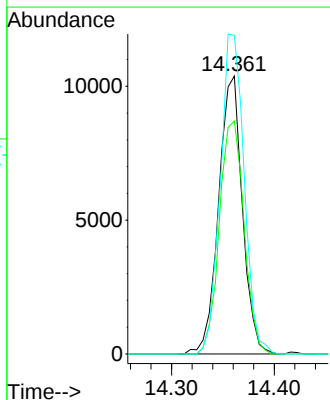
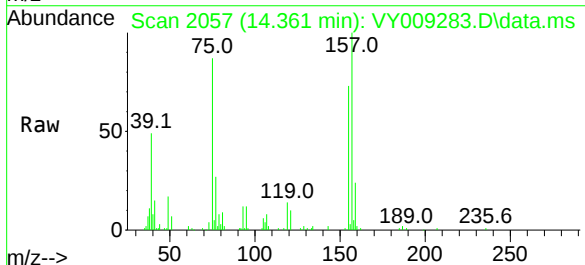
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

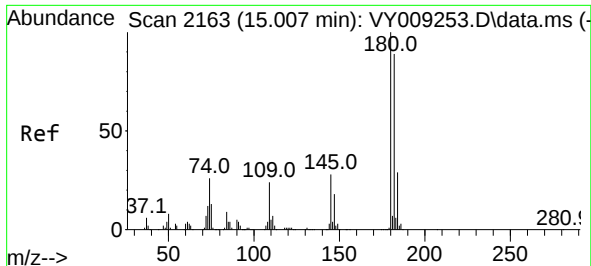
Tgt Ion:146 Resp: 215291
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.9
148 63.6 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.380 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion: 75 Resp: 16668
Ion Ratio Lower Upper
75 100
155 87.1 38.0 113.9
157 115.8 47.8 143.3

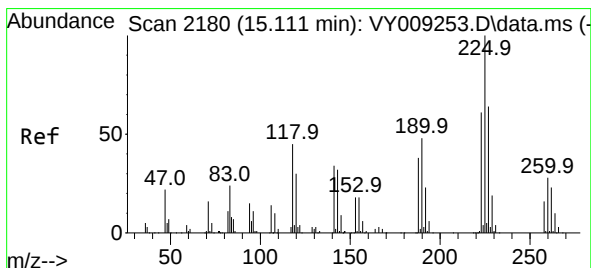
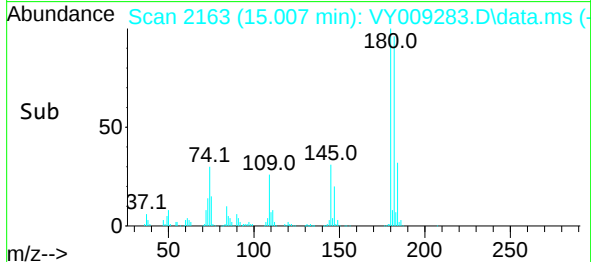
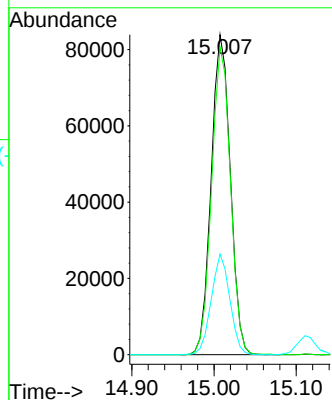
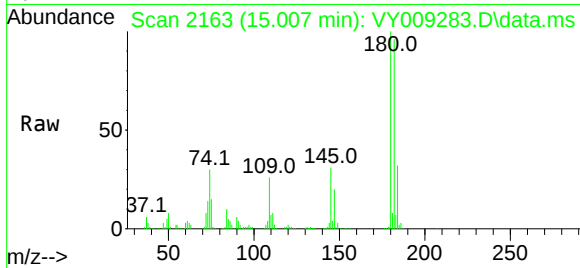




#93
 1,2,4-Trichlorobenzene
 Concen: 52.685 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY009283.D
 Acq: 23 Jun 2022 09:28

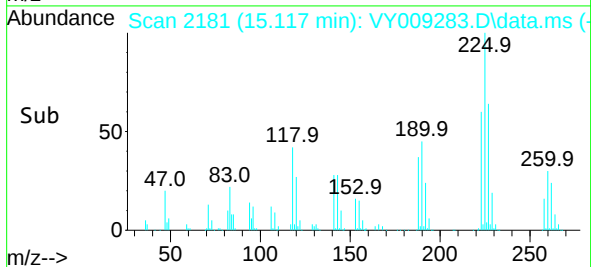
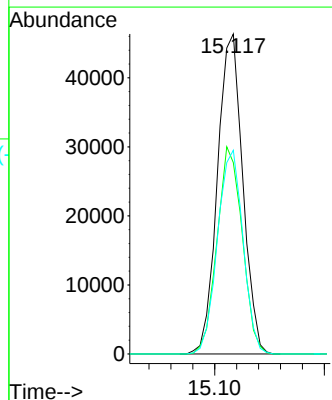
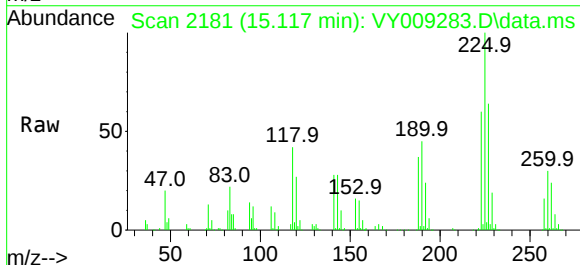
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

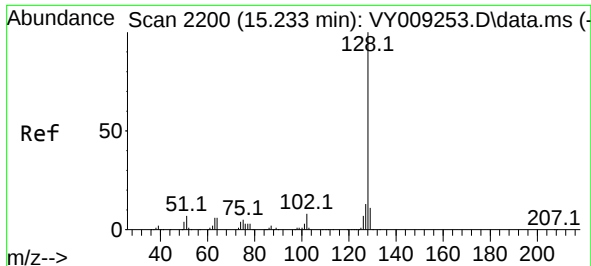
Tgt Ion:180 Resp: 135429
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.3 141.9
 145 30.5 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 53.693 ug/l
 RT: 15.117 min Scan# 2181
 Delta R.T. 0.006 min
 Lab File: VY009283.D
 Acq: 23 Jun 2022 09:28

Tgt Ion:225 Resp: 74259
 Ion Ratio Lower Upper
 225 100
 223 64.5 30.8 92.3
 227 64.1 31.6 94.7

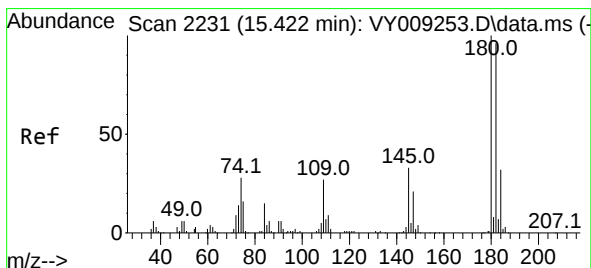
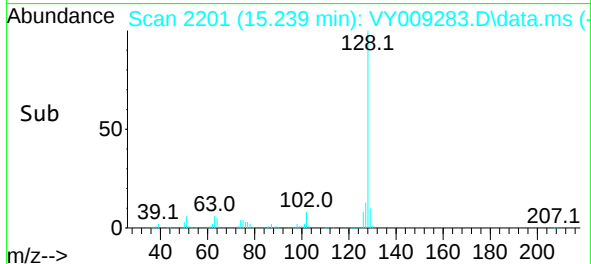
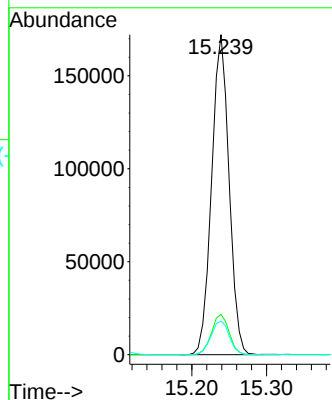
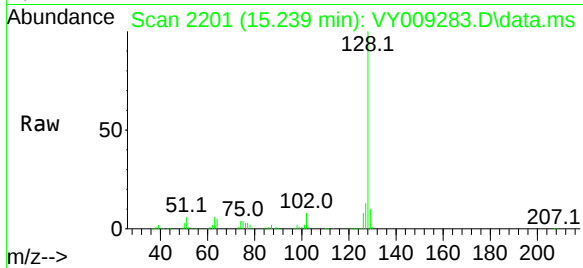




#95
Naphthalene
Concen: 53.968 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 278295
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.4
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 52.266 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY009283.D
Acq: 23 Jun 2022 09:28

Tgt Ion:180 Resp: 114830
Ion Ratio Lower Upper
180 100
182 96.9 47.3 141.9
145 32.9 15.3 45.9

