

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022122\
 Data File : VY007562.D
 Acq On : 21 Feb 2022 11:24
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 21 14:18:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 14:18:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	117633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	191414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	177540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84579	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	6606	5.188	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.380%#
35) Dibromofluoromethane	7.722	113	5861	4.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.740%#
50) Toluene-d8	10.185	98	19705	4.393	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	8.780%#
62) 4-Bromofluorobenzene	12.483	95	8398	5.510	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	11.020%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	6680	5.118	ug/l	97
3) Chloromethane	2.119	50	6287	4.941	ug/l	94
4) Vinyl Chloride	2.259	62	6698	5.131	ug/l #	85
5) Bromomethane	2.656	94	5668	6.203	ug/l	91
6) Chloroethane	2.802	64	3928	4.997	ug/l	93
7) Trichlorofluoromethane	3.137	101	12134	4.835	ug/l	95
8) Diethyl Ether	3.540	74	3802	5.371	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.905	101	6631	4.908	ug/l	94
10) Methyl Iodide	4.094	142	7596	4.530	ug/l	99
11) Tert butyl alcohol	4.954	59	2865	28.374	ug/l #	87
12) 1,1-Dichloroethene	3.881	96	6087	4.877	ug/l #	77
13) Acrolein	3.735	56	2462	25.160	ug/l	86
14) Allyl chloride	4.478	41	6982	4.134	ug/l #	75
15) Acrylonitrile	5.167	53	7778	25.506	ug/l	98
16) Acetone	3.960	43	7537	23.258	ug/l	90
17) Carbon Disulfide	4.204	76	17183	4.846	ug/l	97
18) Methyl Acetate	4.485	43	4370	6.171	ug/l #	69
19) Methyl tert-butyl Ether	5.228	73	18659	5.377	ug/l #	87
20) Methylene Chloride	4.722	84	9429	6.820	ug/l #	69
21) trans-1,2-Dichloroethene	5.228	96	7183	5.320	ug/l #	62
22) Diisopropyl ether	6.118	45	16085	4.555	ug/l #	88
23) Vinyl Acetate	6.064	43	48588	21.373	ug/l #	85
24) 1,1-Dichloroethane	6.027	63	10649	4.704	ug/l #	96
25) 2-Butanone	6.990	43	9419	23.487	ug/l #	78
26) 2,2-Dichloropropane	6.990	77	11161	4.844	ug/l	91
27) cis-1,2-Dichloroethene	6.990	96	8142	5.379	ug/l	79
28) Bromochloromethane	7.332	49	4030	4.763	ug/l #	50
29) Tetrahydrofuran	7.350	42	5451	22.950	ug/l #	58
30) Chloroform	7.508	83	13477	5.398	ug/l	97
31) Cyclohexane	7.795	56	10837	4.993	ug/l #	80
32) 1,1,1-Trichloroethane	7.704	97	11418	4.790	ug/l	91
36) 1,1-Dichloropropene	7.917	75	8799	4.645	ug/l	93
37) Ethyl Acetate	7.076	43	3778	4.478	ug/l #	85
38) Carbon Tetrachloride	7.899	117	11391	5.155	ug/l #	82
39) Methylcyclohexane	9.185	83	11597	4.743	ug/l	87
40) Benzene	8.167	78	24847	4.796	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	2668	4.967	ug/l #	62
42) 1,2-Dichloroethane	8.240	62	9096	5.634	ug/l	94
43) Isopropyl Acetate	8.277	43	8139	4.726	ug/l #	86
44) Trichloroethene	8.947	130	7579	5.045	ug/l	97
45) 1,2-Dichloropropane	9.222	63	5920	4.829	ug/l	100
46) Dibromomethane	9.313	93	4170	5.294	ug/l	98
47) Bromodichloromethane	9.496	83	9535	5.016	ug/l #	92
48) Methyl methacrylate	9.295	41	3681	4.851	ug/l #	77
49) 1,4-Dioxane	9.295	88	1077	127.715	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	19726	23.157	ug/l	88
52) Toluene	10.246	92	17199	5.138	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	10158	5.187	ug/l	93
54) cis-1,3-Dichloropropene	9.929	75	11082	5.075	ug/l #	83
55) 1,1,2-Trichloroethane	10.648	97	5907	5.715	ug/l	86
56) Ethyl methacrylate	10.508	69	6819	4.970	ug/l #	82
57) 1,3-Dichloropropane	10.794	76	9592	5.436	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	17660	24.781	ug/l #	86
59) 2-Hexanone	10.831	43	13679	22.470	ug/l	84
60) Dibromochloromethane	10.983	129	7514	5.658	ug/l	98
61) 1,2-Dibromoethane	11.087	107	5833	5.608	ug/l	100
64) Tetrachloroethene	10.727	164	7343	5.297	ug/l #	89
65) Chlorobenzene	11.514	112	19529	5.149	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.599	131	7709	5.326	ug/l	98
67) Ethyl Benzene	11.593	91	33652	4.777	ug/l	97
68) m/p-Xylenes	11.703	106	25556	9.565	ug/l	99
69) o-Xylene	12.032	106	11647	4.599	ug/l	92
70) Styrene	12.044	104	20349	4.888	ug/l	98
71) Bromoform	12.209	173	4720	5.825	ug/l #	98
73) Isopropylbenzene	12.331	105	34239	4.708	ug/l	99
74) N-amyl acetate	12.148	43	6706	4.166	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.587	83	6349	5.113	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	8635	8.950	ug/l #	100
77) Bromobenzene	12.611	156	8731	5.527	ug/l	87
78) n-propylbenzene	12.672	91	39096	4.500	ug/l	98
79) 2-Chlorotoluene	12.757	91	23015	4.803	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	28252	4.683	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	2138	4.755	ug/l #	83
82) 4-Chlorotoluene	12.855	91	24109	4.903	ug/l	99
83) tert-Butylbenzene	13.074	119	24607	4.646	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	28105	4.789	ug/l	98
85) sec-Butylbenzene	13.257	105	35807	4.611	ug/l	100
86) p-Isopropyltoluene	13.373	119	29770	4.635	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	15742	5.143	ug/l	95
88) 1,4-Dichlorobenzene	13.446	146	16111	5.287	ug/l	93
89) n-Butylbenzene	13.696	91	26775	4.404	ug/l	99
90) Hexachloroethane	13.965	117	5690	4.584	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	14432	5.319	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	996	4.608	ug/l	70
93) 1,2,4-Trichlorobenzene	15.007	180	8800	5.331	ug/l	94
94) Hexachlorobutadiene	15.117	225	4778	4.948	ug/l	94
95) Naphthalene	15.239	128	19386	5.419	ug/l	97
96) 1,2,3-Trichlorobenzene	15.428	180	8205	5.743	ug/l	93

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

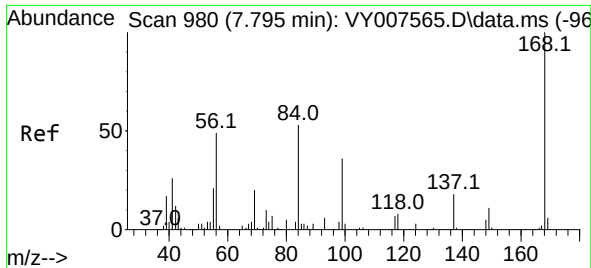
Quant Time: Feb 21 14:18:49 2022
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Quant Title : SW846 8260
QLast Update : Mon Feb 21 14:18:18 2022
Response via : Initial Calibration

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

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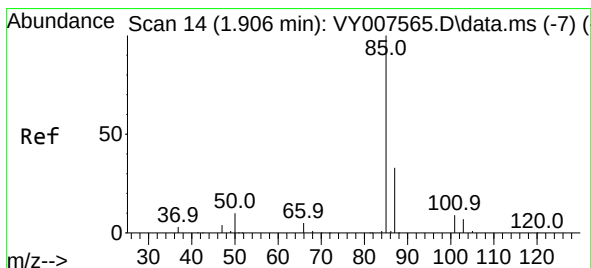
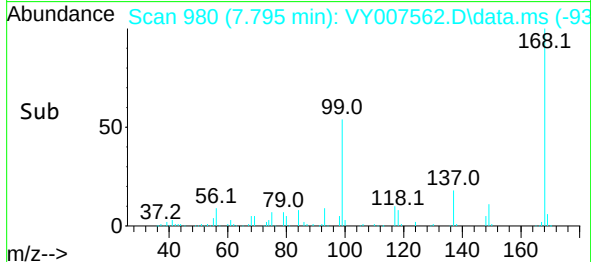
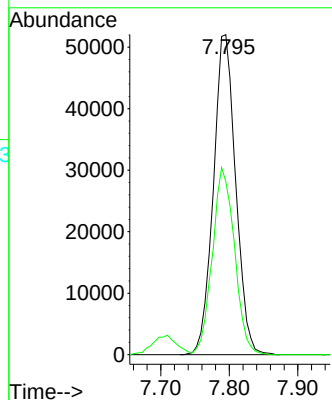
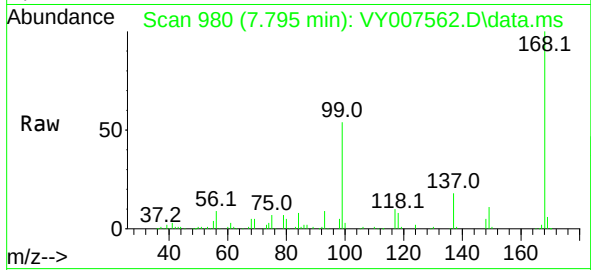




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007562.D
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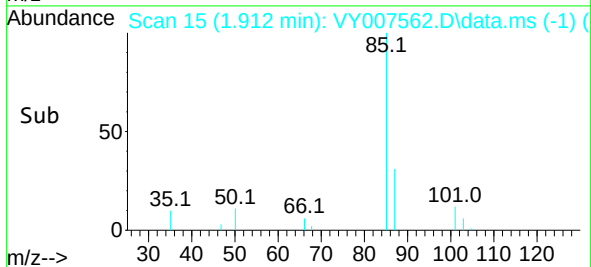
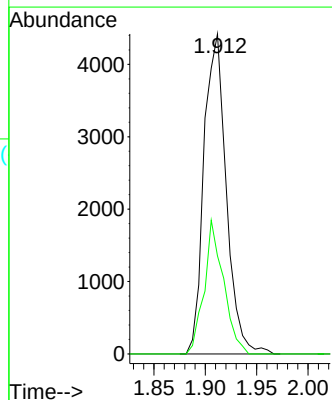
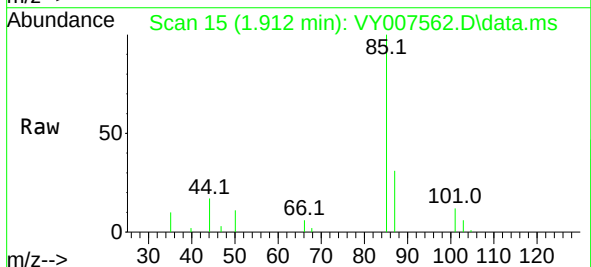
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

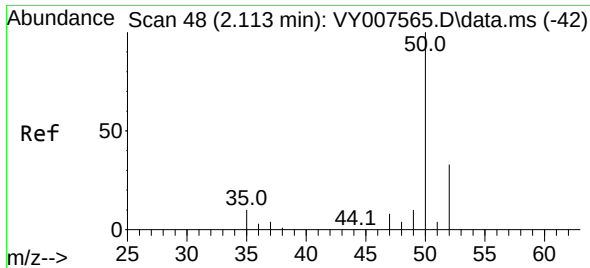
Tgt Ion:168 Resp: 117633
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 5.118 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion: 85 Resp: 6680
Ion Ratio Lower Upper
85 100
87 30.7 16.1 48.2

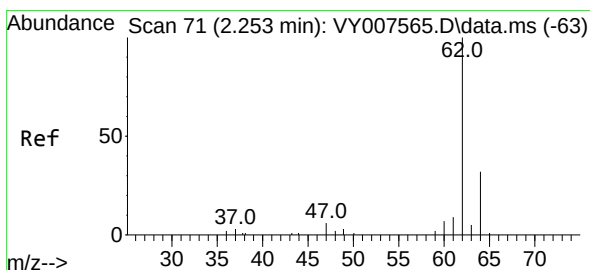
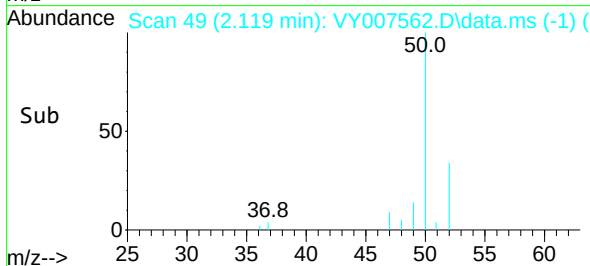
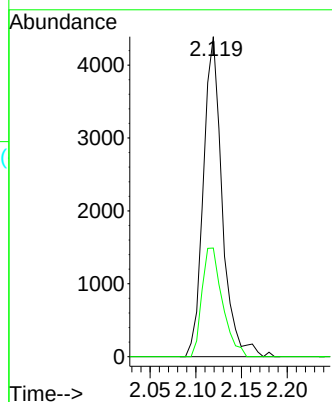
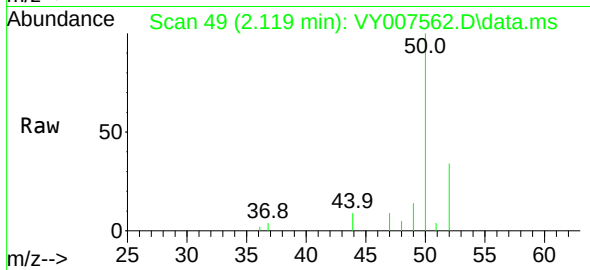




#3
Chloromethane
Concen: 4.941 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

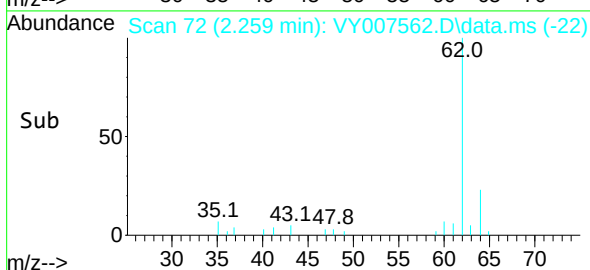
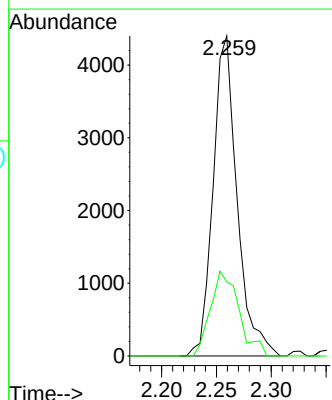
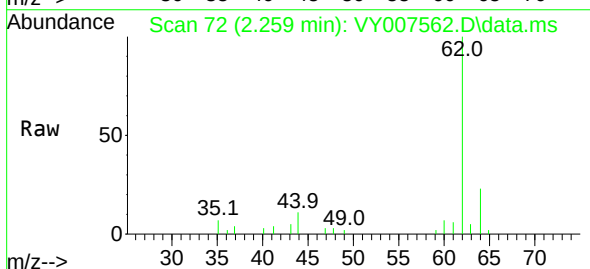
Instrument :
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ClientSampleId :
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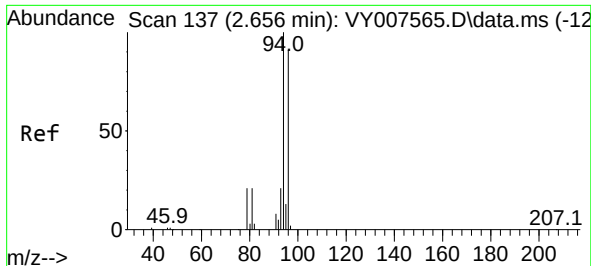
Tgt Ion: 50 Resp: 6287
Ion Ratio Lower Upper
50 100
52 34.0 24.6 37.0



#4
Vinyl Chloride
Concen: 5.131 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion: 62 Resp: 6698
Ion Ratio Lower Upper
62 100
64 23.2 25.0 37.6#

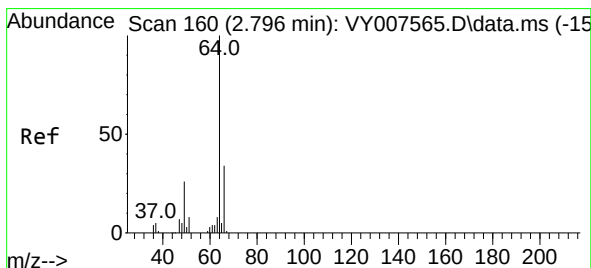
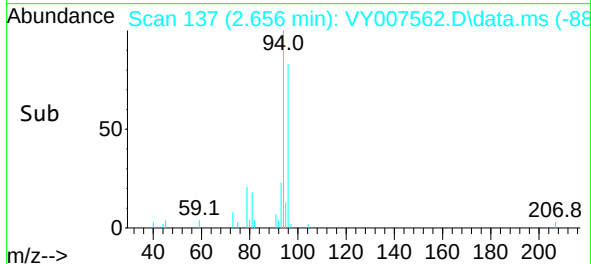
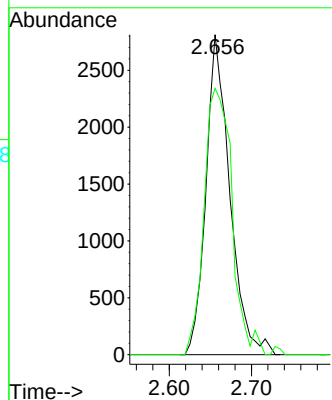
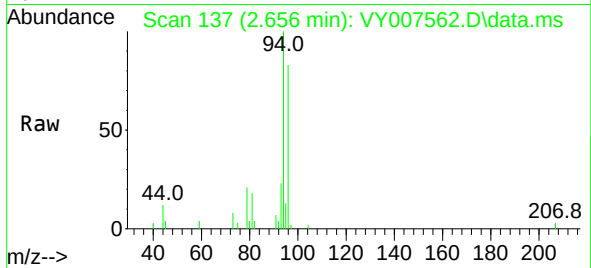




#5
Bromomethane
Concen: 6.203 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

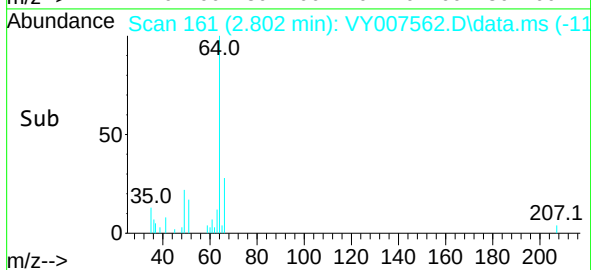
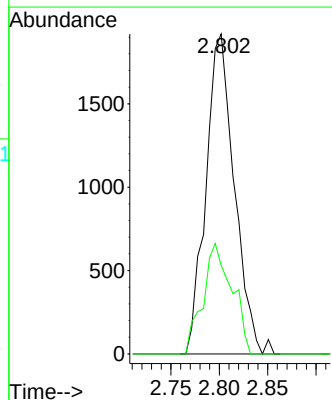
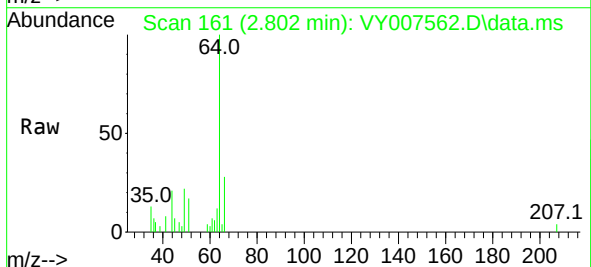
Instrument :
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ClientSampleId :
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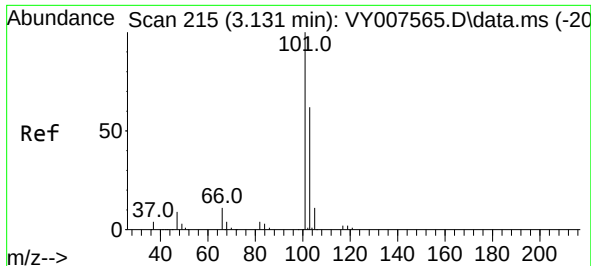
Tgt Ion: 94 Resp: 5668
Ion Ratio Lower Upper
94 100
96 83.2 73.5 110.3



#6
Chloroethane
Concen: 4.997 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion: 64 Resp: 3928
Ion Ratio Lower Upper
64 100
66 27.7 25.4 38.0

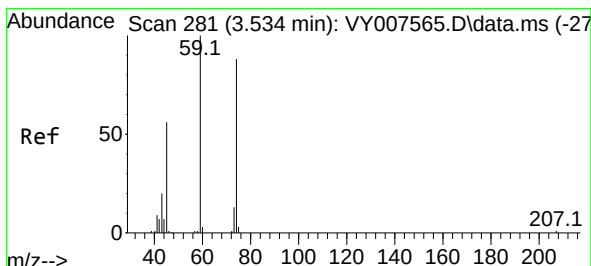
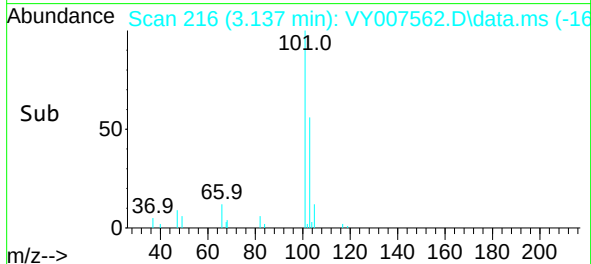
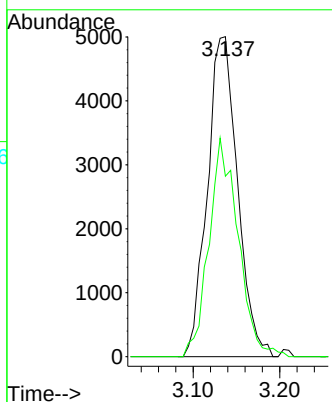
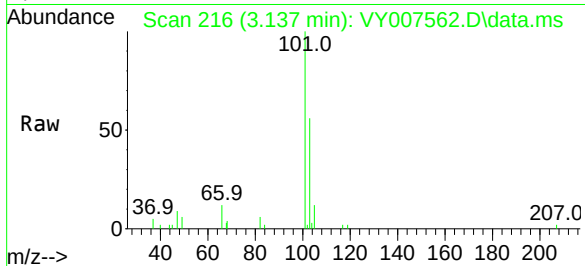




#7
 Trichlorofluoromethane
 Concen: 4.835 ug/l
 RT: 3.137 min Scan# 215
 Delta R.T. 0.006 min
 Lab File: VY007562.D
 Acq: 21 Feb 2022 11:24

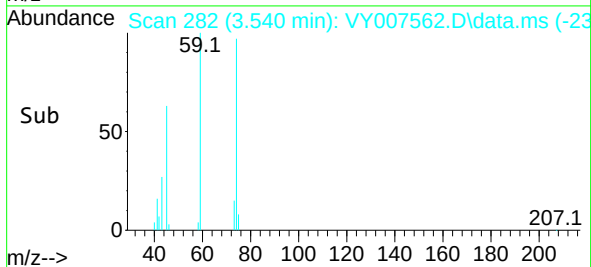
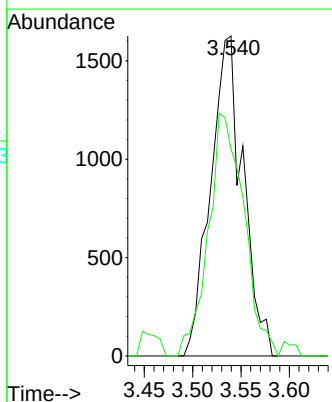
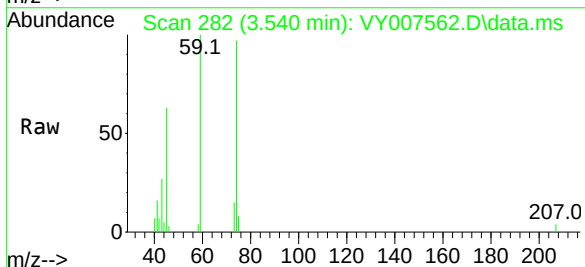
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 ClientSampleId :
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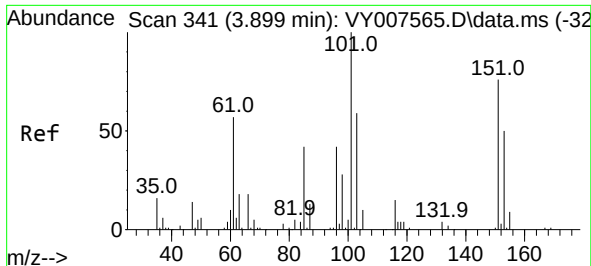
Tgt Ion:101 Resp: 12134
 Ion Ratio Lower Upper
 101 100
 103 56.4 48.0 72.0



#8
 Diethyl Ether
 Concen: 5.371 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.006 min
 Lab File: VY007562.D
 Acq: 21 Feb 2022 11:24

Tgt Ion: 74 Resp: 3802
 Ion Ratio Lower Upper
 74 100
 45 82.6 55.1 165.5

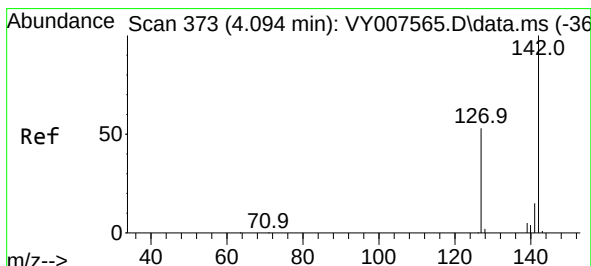
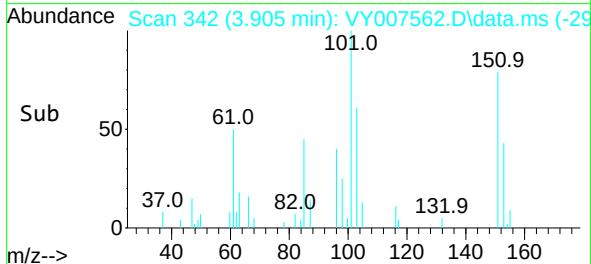
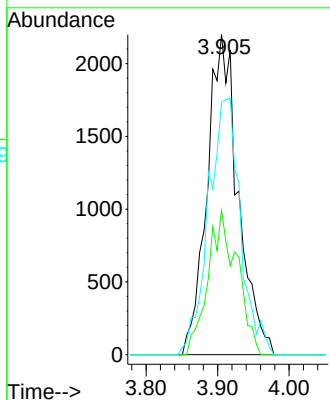
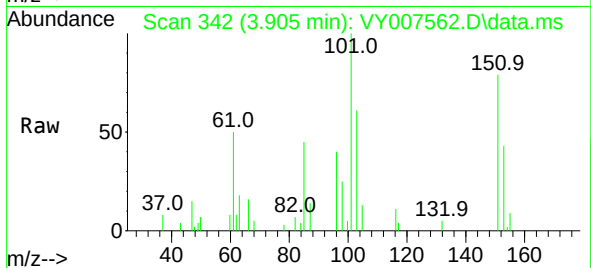




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.908 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
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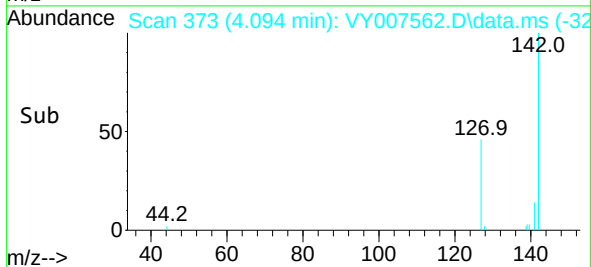
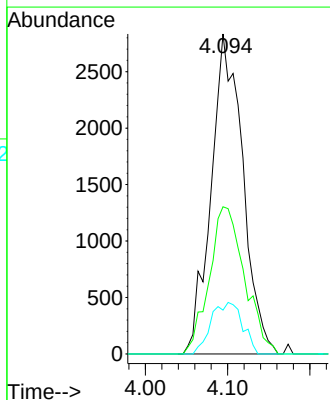
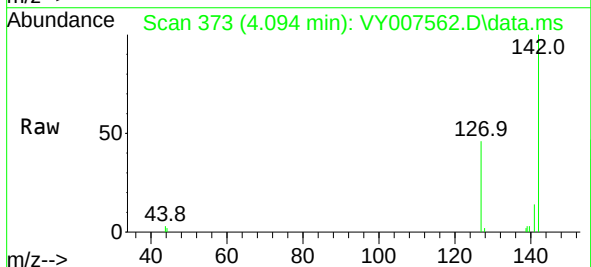
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

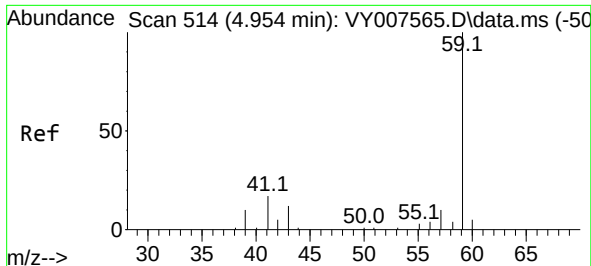
Tgt Ion:101 Resp: 6631
Ion Ratio Lower Upper
101 100
85 42.4 40.6 60.8
151 82.8 64.9 97.3



#10
Methyl Iodide
Concen: 4.530 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion:142 Resp: 7596
Ion Ratio Lower Upper
142 100
127 51.3 41.5 62.3
141 16.0 11.9 17.9





#11

Tert butyl alcohol

Concen: 28.374 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.000 min

Lab File: VY007562.D

Acq: 21 Feb 2022 11:24

Instrument :

MSVOA_Y

ClientSampleId :

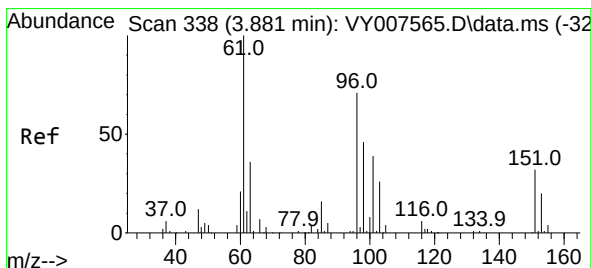
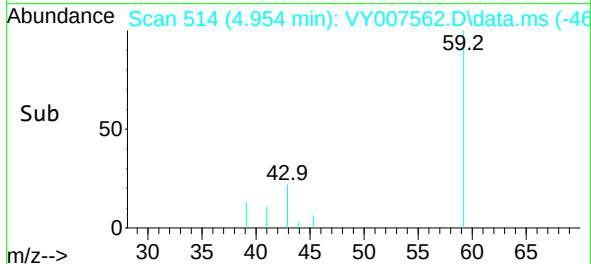
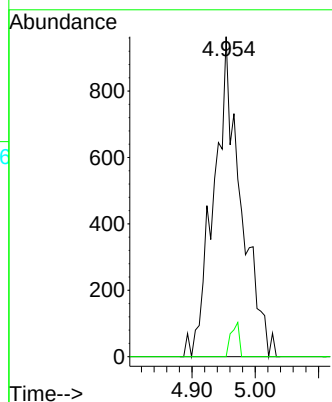
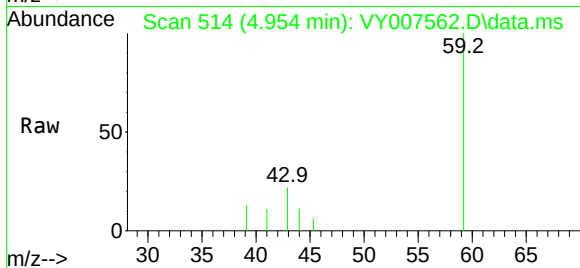
VSTDIC005

Tgt Ion: 59 Resp: 2865

Ion Ratio Lower Upper

59 100

57 3.2 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 4.877 ug/l

RT: 3.881 min Scan# 338

Delta R.T. -0.000 min

Lab File: VY007562.D

Acq: 21 Feb 2022 11:24

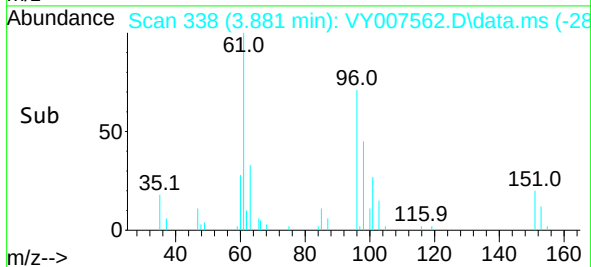
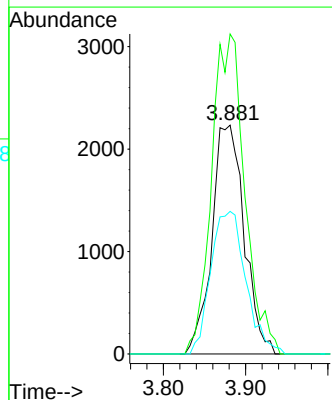
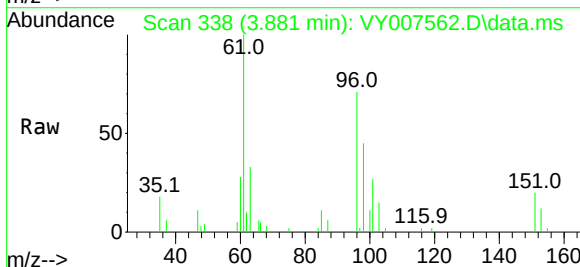
Tgt Ion: 96 Resp: 6087

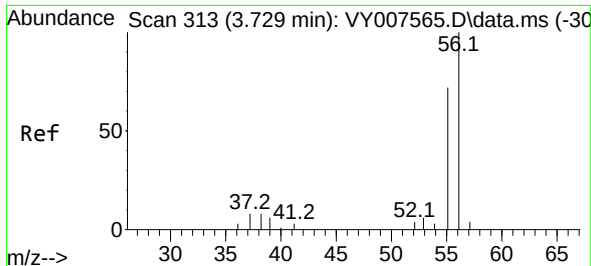
Ion Ratio Lower Upper

96 100

61 139.9 145.8 218.6#

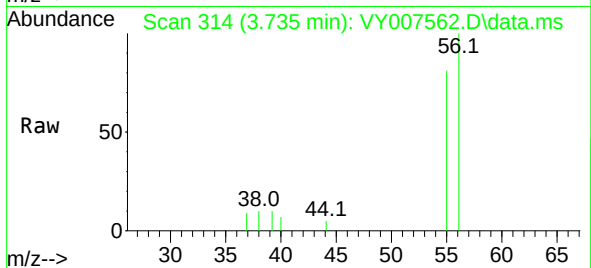
98 62.3 52.5 78.7



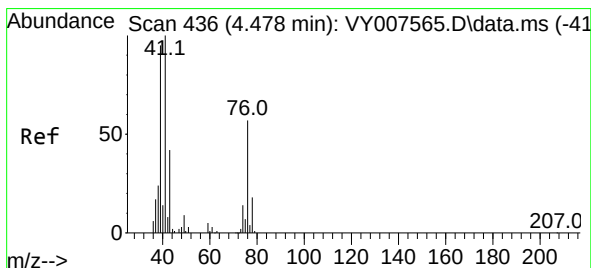
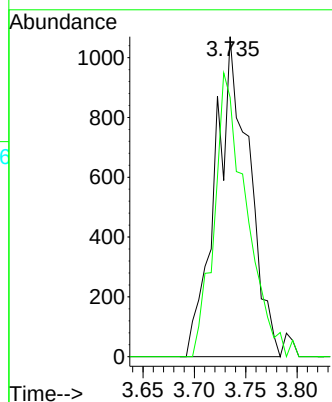
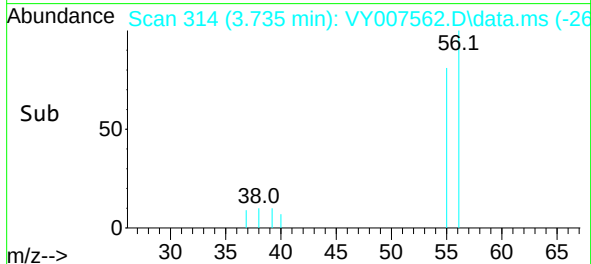


#13
Acrolein
Concen: 25.160 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

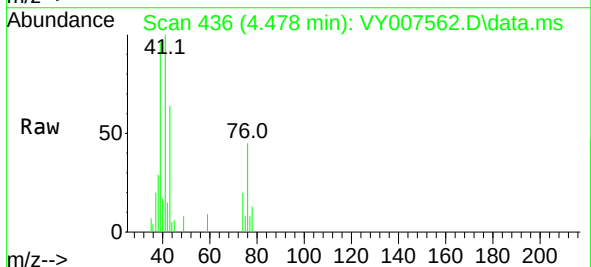
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



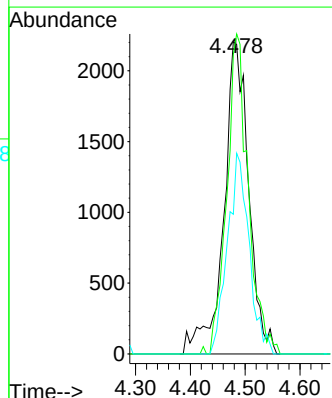
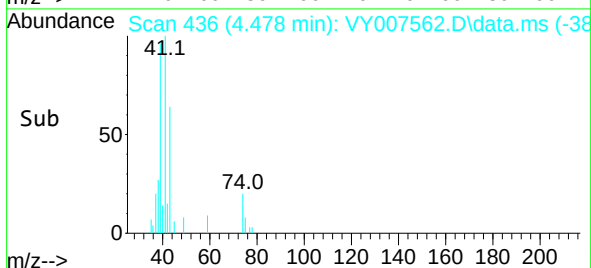
Tgt Ion: 56 Resp: 2462
Ion Ratio Lower Upper
56 100
55 83.7 57.6 86.4

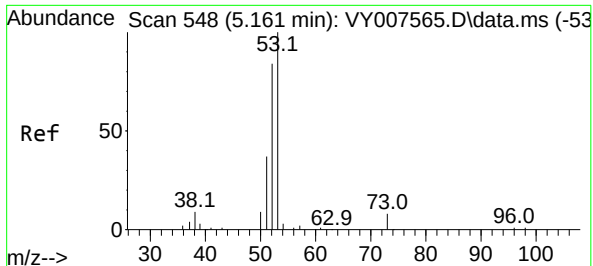


#14
Allyl chloride
Concen: 4.134 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24



Tgt Ion: 41 Resp: 6982
Ion Ratio Lower Upper
41 100
39 88.1 58.8 88.2
76 55.6 25.1 37.7#





#15

Acrylonitrile

Concen: 25.506 ug/l

RT: 5.167 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY007562.D

Acq: 21 Feb 2022 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

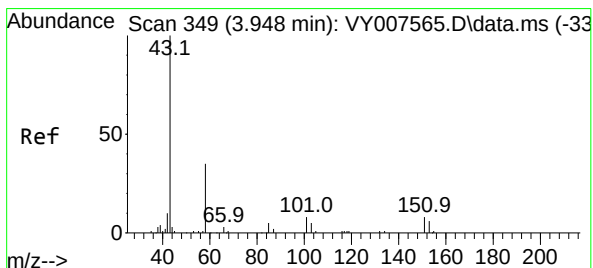
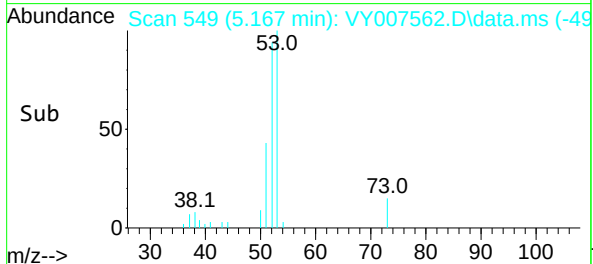
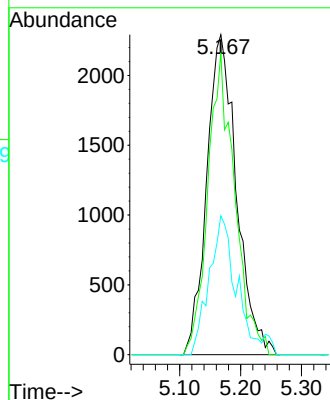
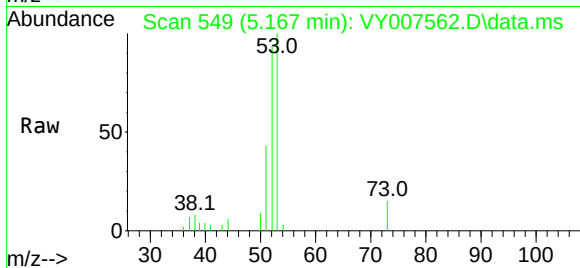
Tgt Ion: 53 Resp: 7778

Ion Ratio Lower Upper

53 100

52 84.8 67.0 100.4

51 39.3 29.8 44.6



#16

Acetone

Concen: 23.258 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.012 min

Lab File: VY007562.D

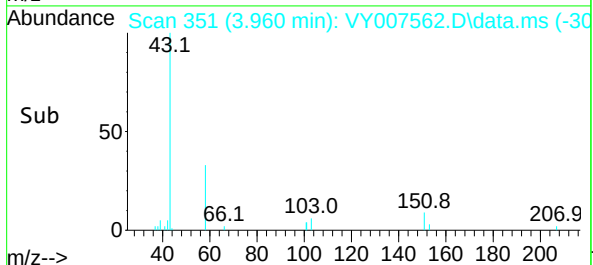
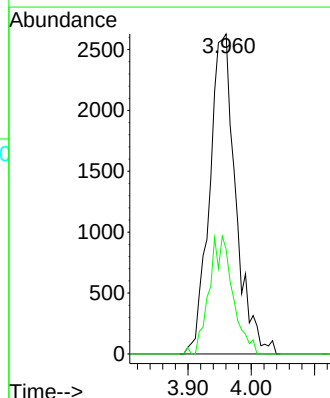
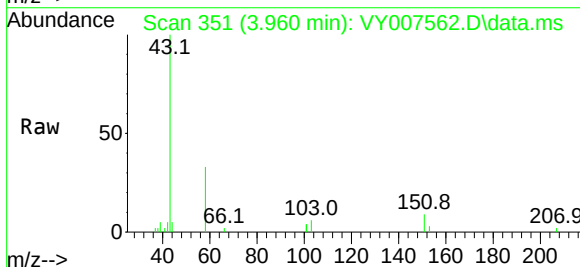
Acq: 21 Feb 2022 11:24

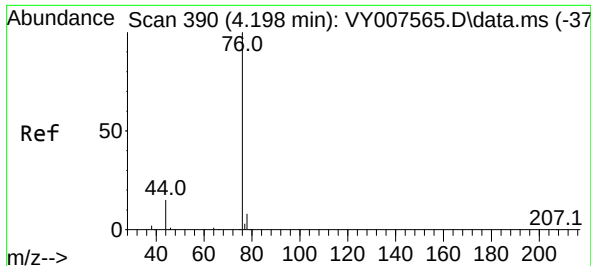
Tgt Ion: 43 Resp: 7537

Ion Ratio Lower Upper

43 100

58 32.7 22.0 33.0

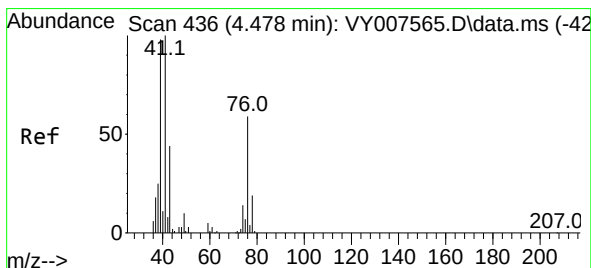
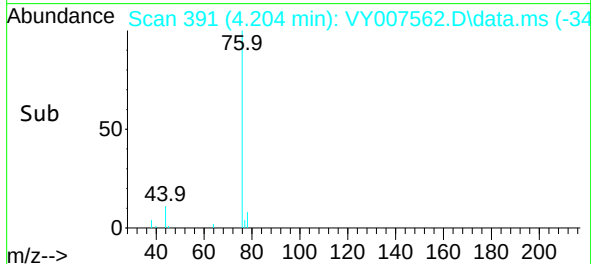
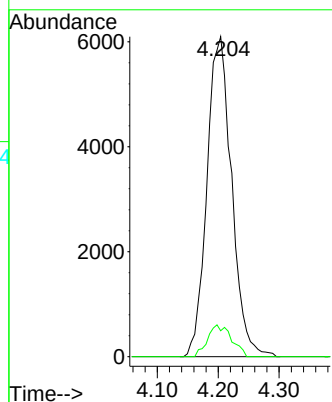
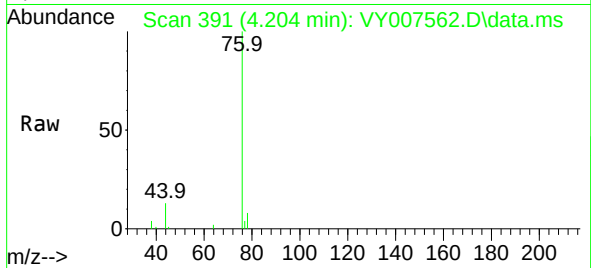




#17
Carbon Disulfide
Concen: 4.846 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

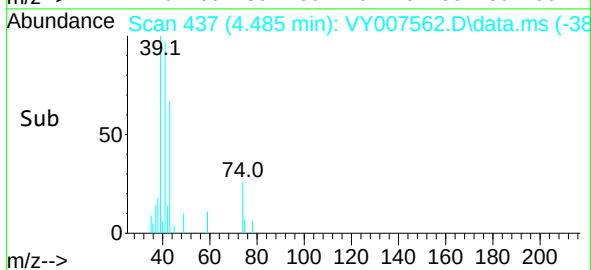
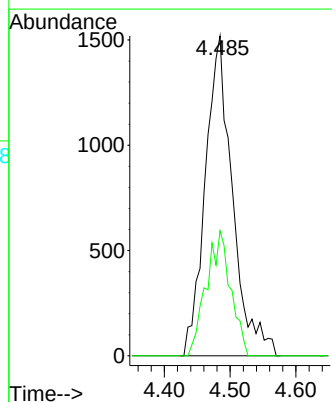
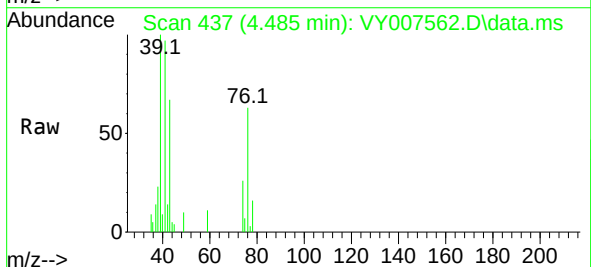
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

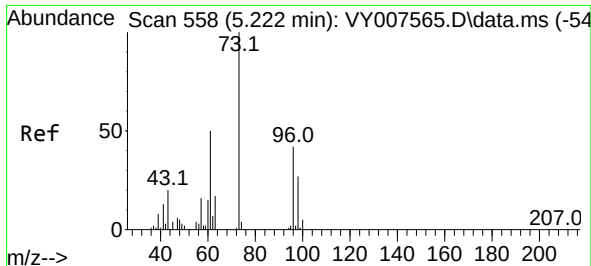
Tgt Ion: 76 Resp: 17183
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0



#18
Methyl Acetate
Concen: 6.171 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion: 43 Resp: 4370
Ion Ratio Lower Upper
43 100
74 35.0 16.6 24.8#

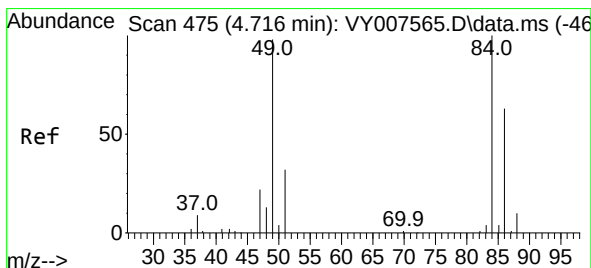
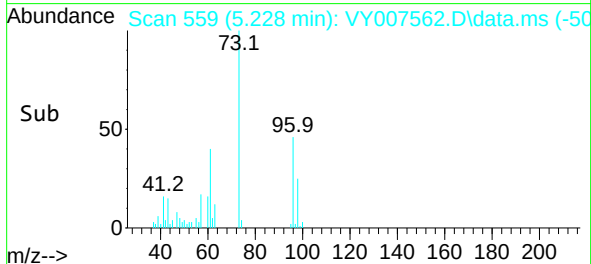
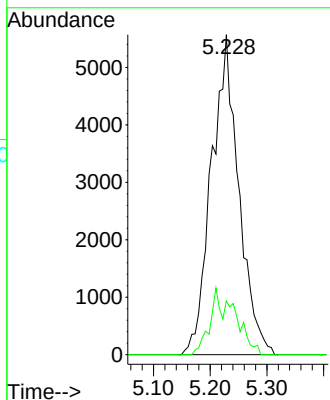
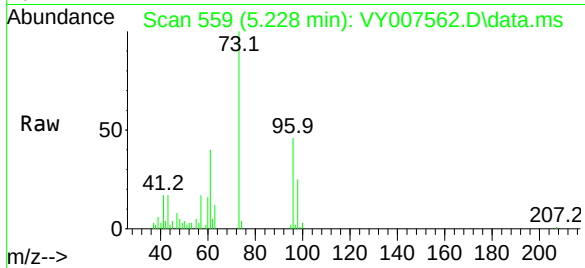




#19
Methyl tert-butyl Ether
Concen: 5.377 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

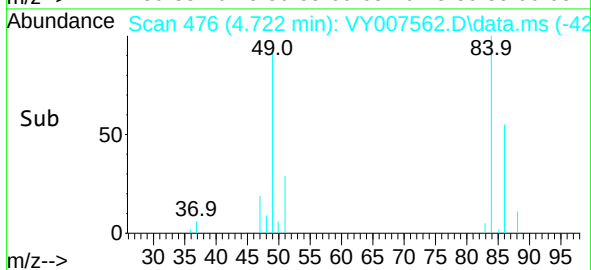
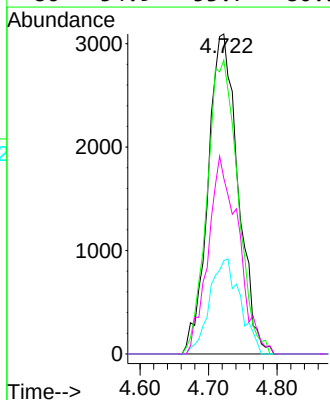
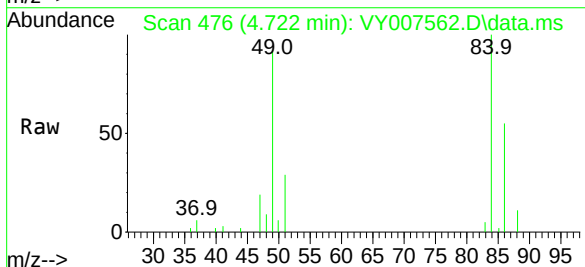
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

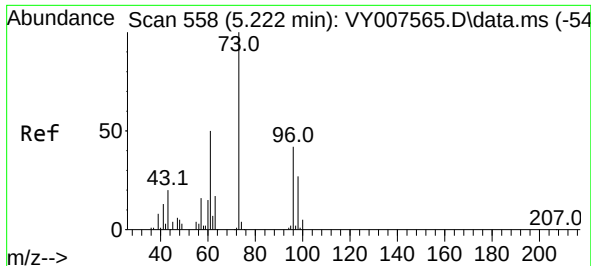
Tgt Ion: 73 Resp: 18659
Ion Ratio Lower Upper
73 100
57 16.8 18.6 27.8#



#20
Methylene Chloride
Concen: 6.820 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion: 84 Resp: 9429
Ion Ratio Lower Upper
84 100
49 91.8 114.4 171.6#
51 29.2 35.3 52.9#
86 54.9 53.7 80.5

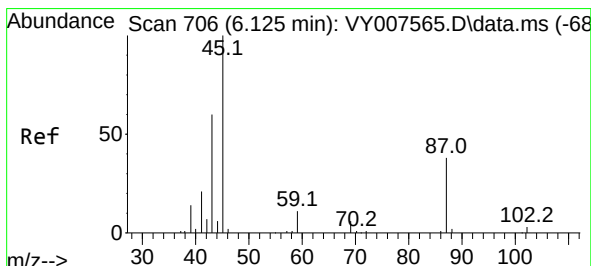
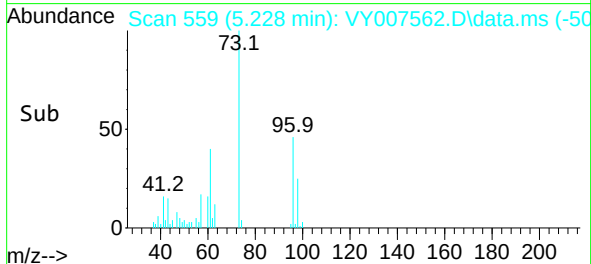
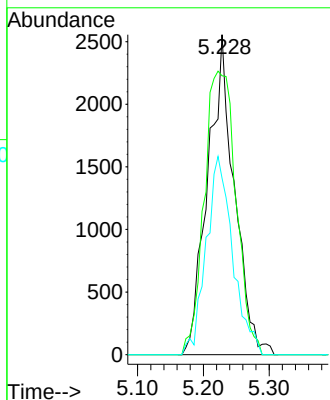
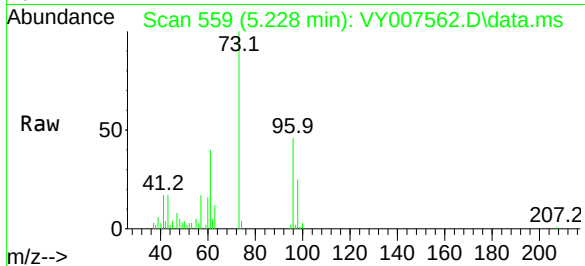




#21
trans-1,2-Dichloroethene
Concen: 5.320 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

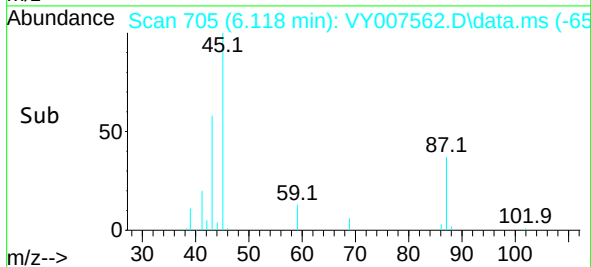
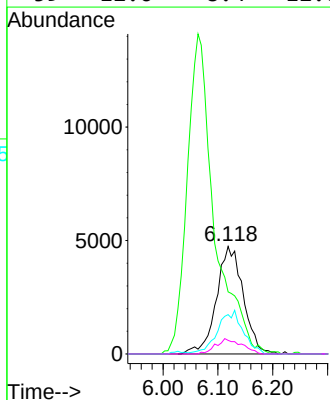
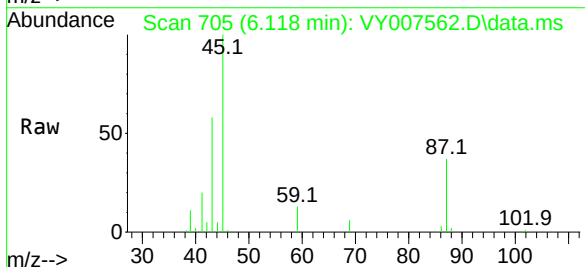
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

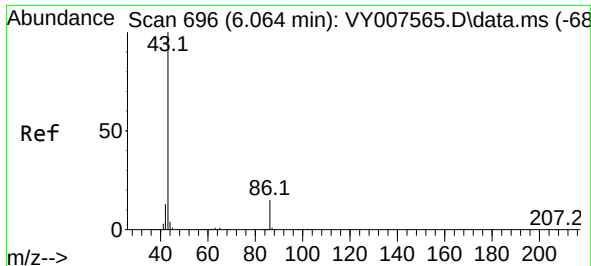
Tgt Ion: 96 Resp: 7183
Ion Ratio Lower Upper
96 100
61 87.2 120.5 180.7#
98 55.2 49.8 74.8



#22
Diisopropyl ether
Concen: 4.555 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion: 45 Resp: 16085
Ion Ratio Lower Upper
45 100
43 55.7 49.3 73.9
87 36.7 19.2 28.8#
59 12.6 8.4 12.6

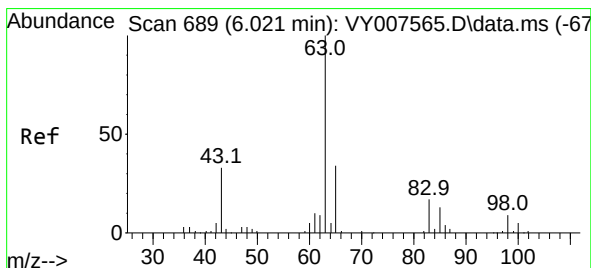
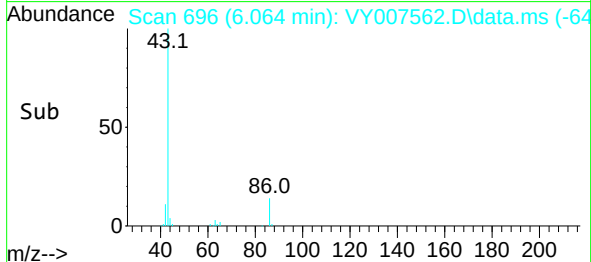
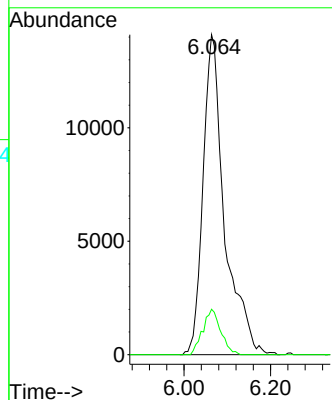
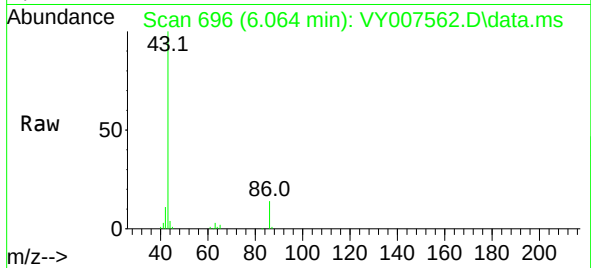




#23
 Vinyl Acetate
 Concen: 21.373 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY007562.D
 Acq: 21 Feb 2022 11:24

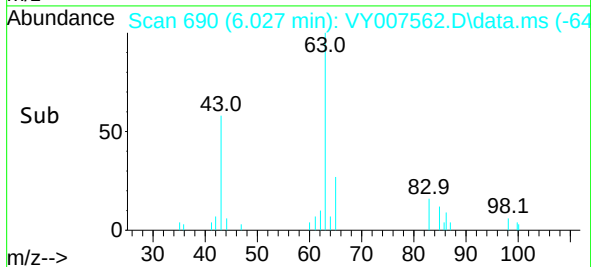
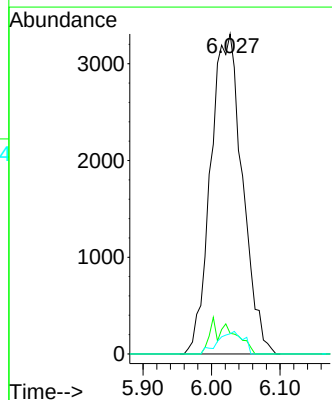
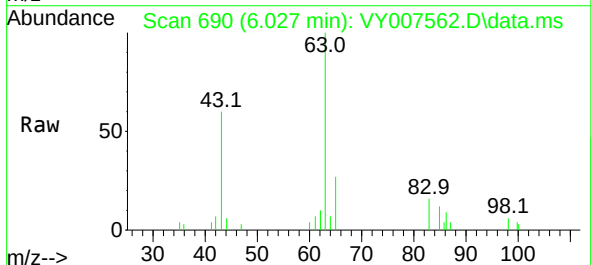
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

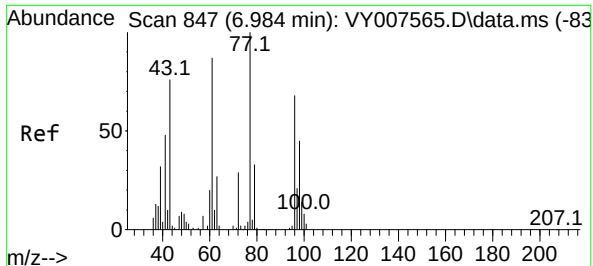
Tgt Ion: 43 Resp: 48588
 Ion Ratio Lower Upper
 43 100
 86 14.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 4.704 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY007562.D
 Acq: 21 Feb 2022 11:24

Tgt Ion: 63 Resp: 10649
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 6.3 2.0 5.8#





#25

2-Butanone

Concen: 23.487 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY007562.D

Acq: 21 Feb 2022 11:24

Instrument :

MSVOA_Y

ClientSampleId :

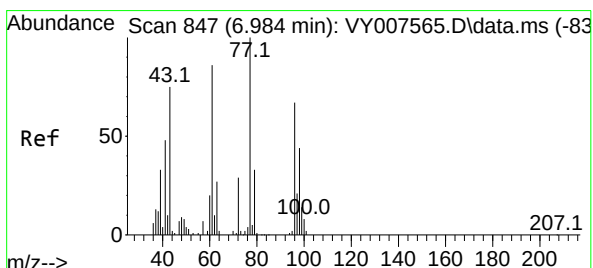
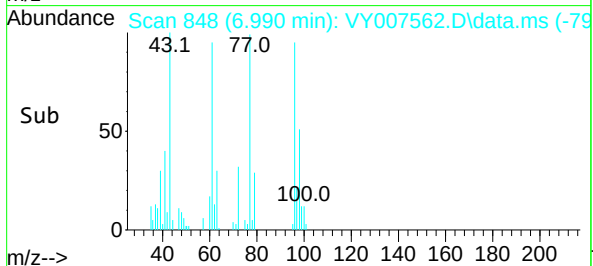
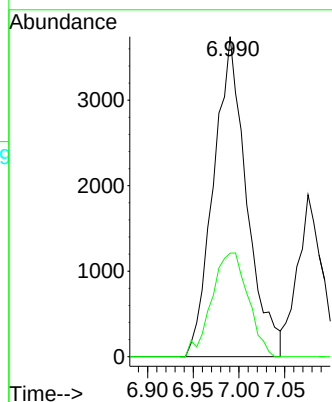
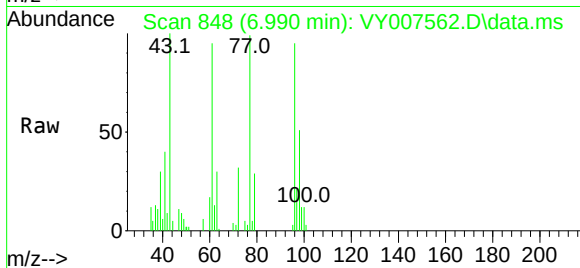
VSTDIC005

Tgt Ion: 43 Resp: 9419

Ion Ratio Lower Upper

43 100

72 32.4 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 4.844 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY007562.D

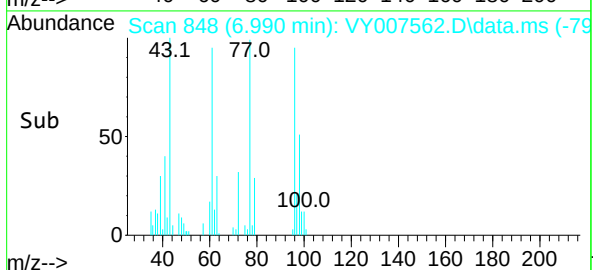
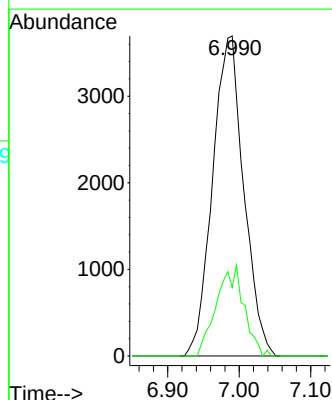
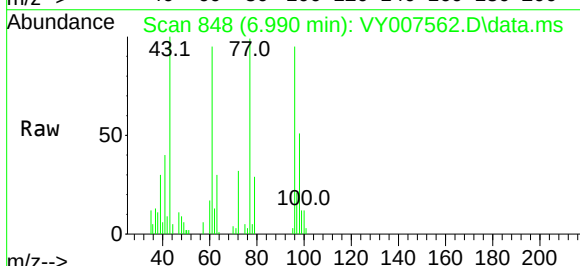
Acq: 21 Feb 2022 11:24

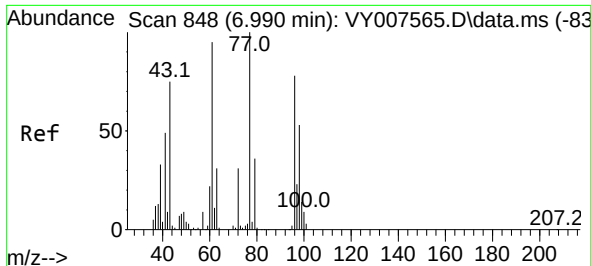
Tgt Ion: 77 Resp: 11161

Ion Ratio Lower Upper

77 100

97 25.0 10.4 31.4

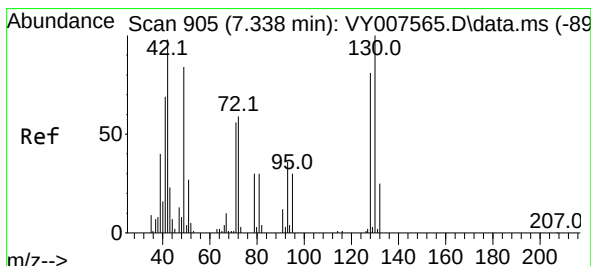
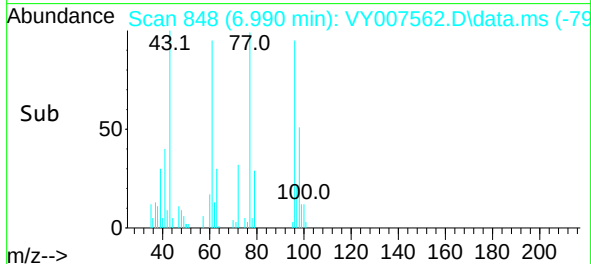
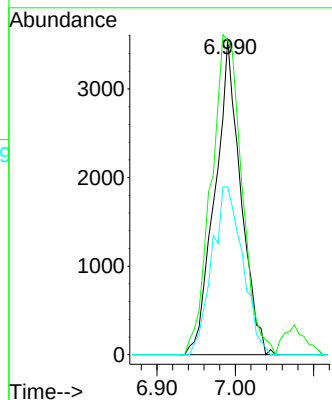
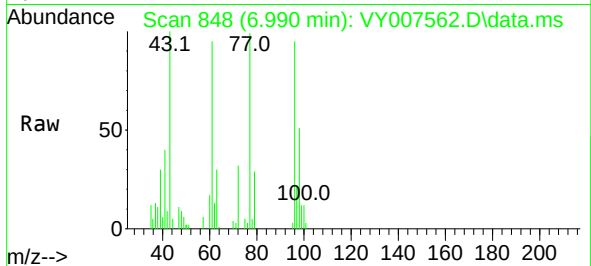




#27
 cis-1,2-Dichloroethene
 Concen: 5.379 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY007562.D
 Acq: 21 Feb 2022 11:24

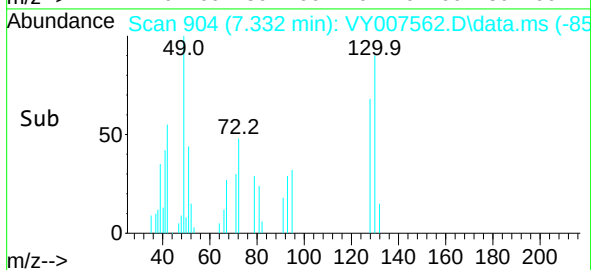
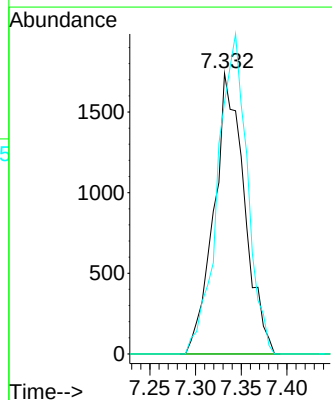
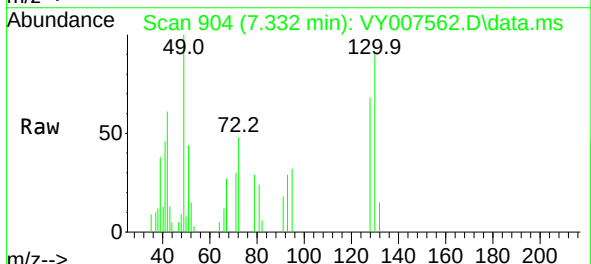
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

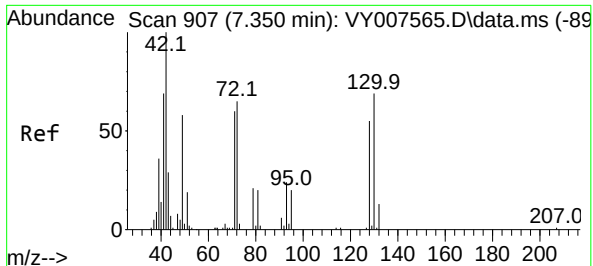
Tgt Ion: 96 Resp: 8142
 Ion Ratio Lower Upper
 96 100
 61 120.4 0.0 319.8
 98 63.5 0.0 127.0



#28
 Bromochloromethane
 Concen: 4.763 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY007562.D
 Acq: 21 Feb 2022 11:24

Tgt Ion: 49 Resp: 4030
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 2.2
 130 110.9 55.4 83.0#





#29

Tetrahydrofuran

Concen: 22.950 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY007562.D

Acq: 21 Feb 2022 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

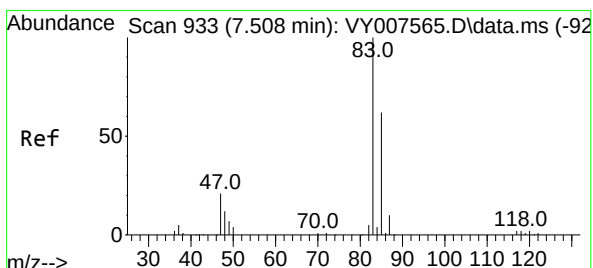
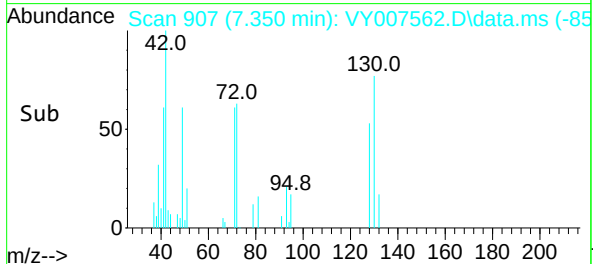
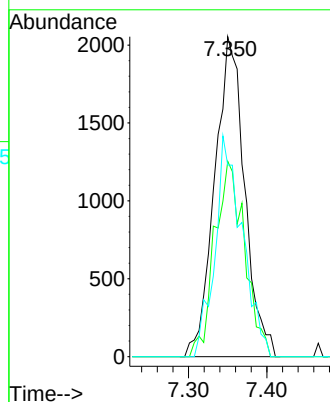
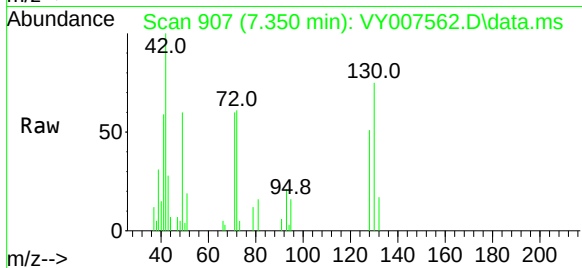
Tgt Ion: 42 Resp: 5451

Ion Ratio Lower Upper

42 100

72 61.1 30.3 45.5#

71 62.7 29.0 43.4#



#30

Chloroform

Concen: 5.398 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY007562.D

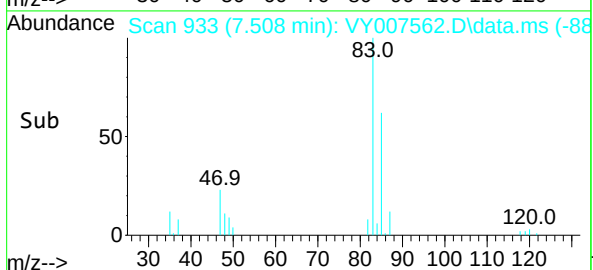
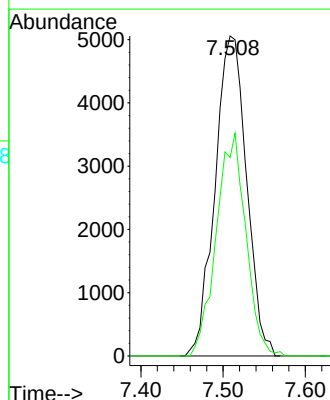
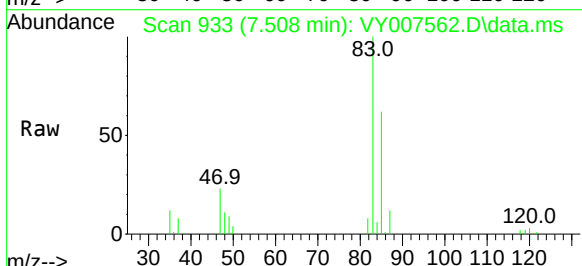
Acq: 21 Feb 2022 11:24

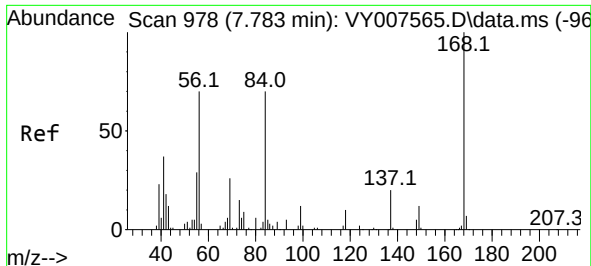
Tgt Ion: 83 Resp: 13477

Ion Ratio Lower Upper

83 100

85 62.0 51.8 77.6

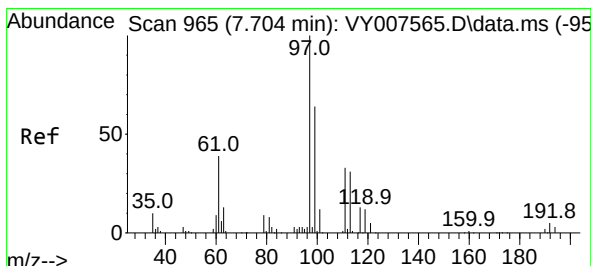
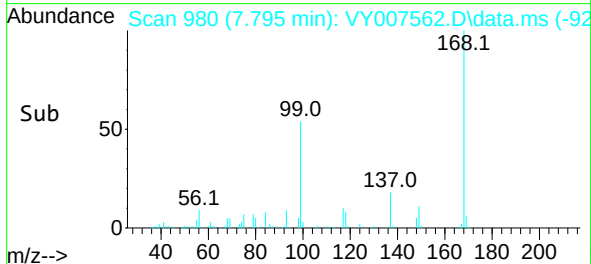
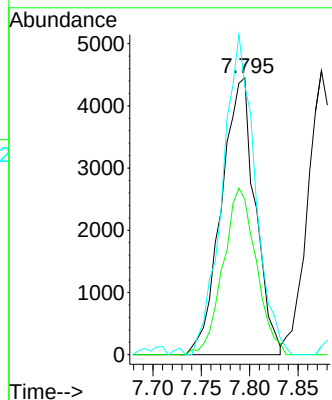
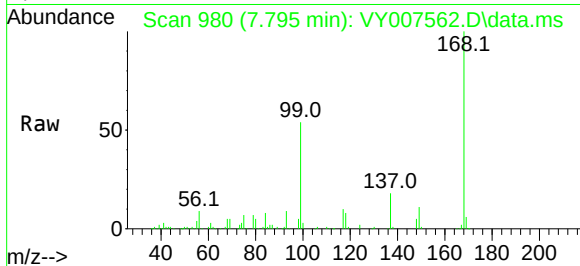




#31
Cyclohexane
Concen: 4.993 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

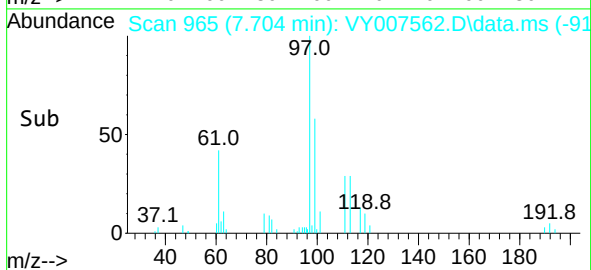
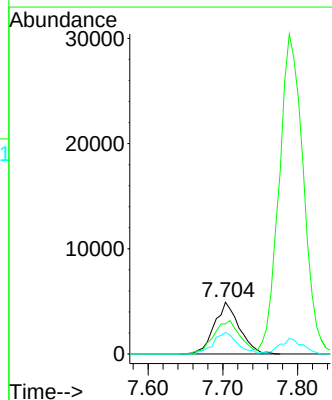
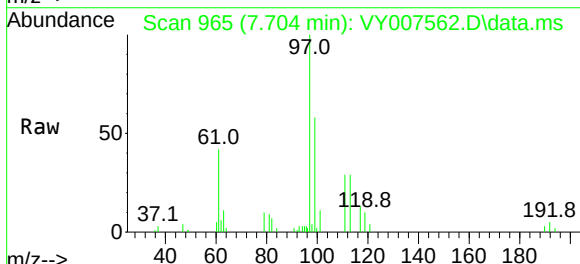
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

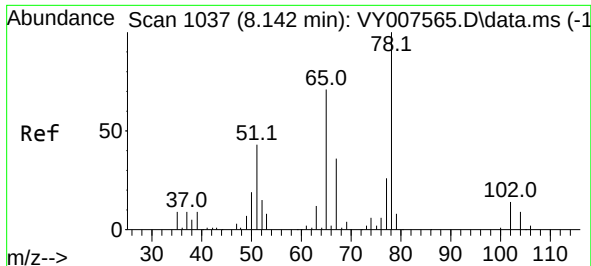
Tgt Ion: 56 Resp: 10837
Ion Ratio Lower Upper
56 100
69 56.1 26.7 40.1#
84 94.7 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 4.790 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion: 97 Resp: 11418
Ion Ratio Lower Upper
97 100
99 69.4 50.7 76.1
61 40.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 5.188 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007562.D

Acq: 21 Feb 2022 11:24

Instrument :

MSVOA_Y

ClientSampleId :

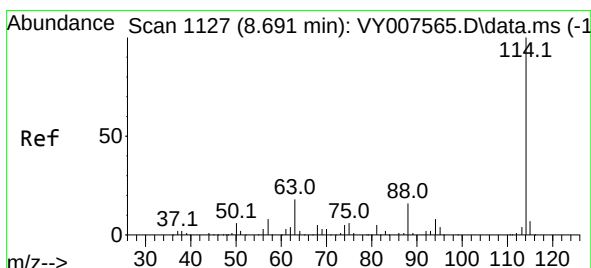
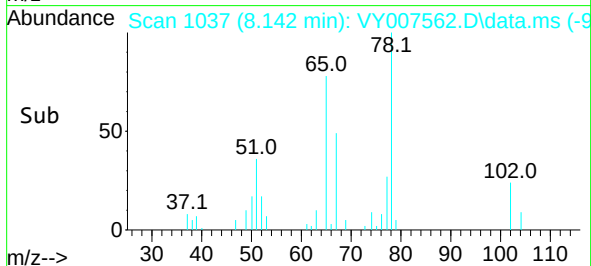
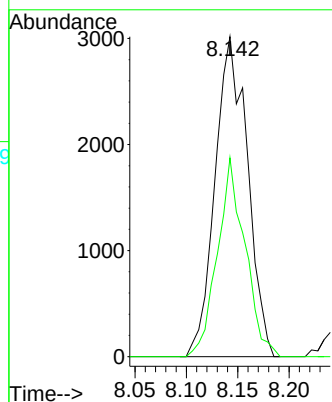
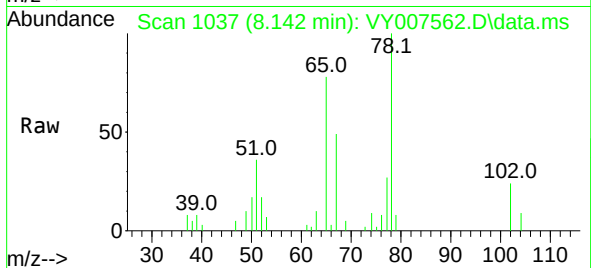
VSTDIC005

Tgt Ion: 65 Resp: 6606

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007562.D

Acq: 21 Feb 2022 11:24

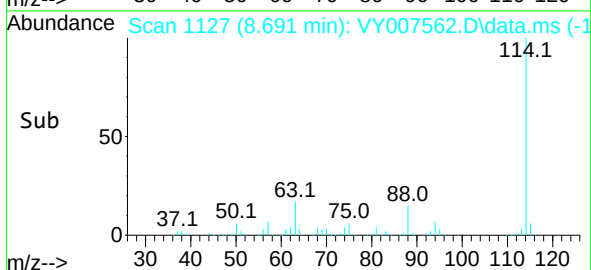
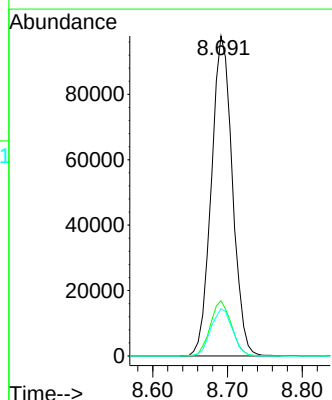
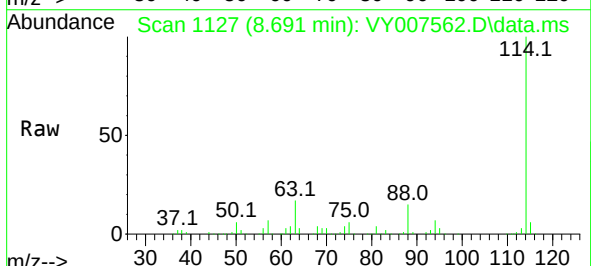
Tgt Ion: 114 Resp: 191414

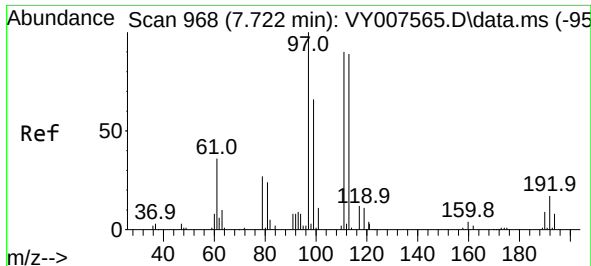
Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

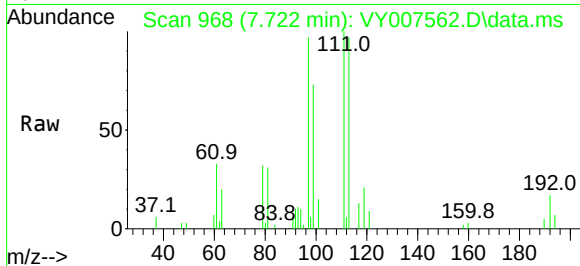
88 14.7 0.0 31.8



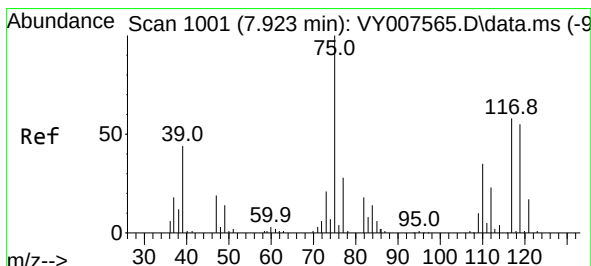
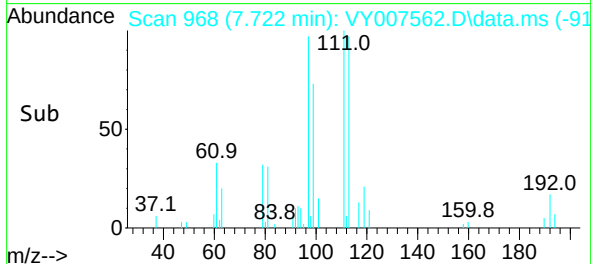
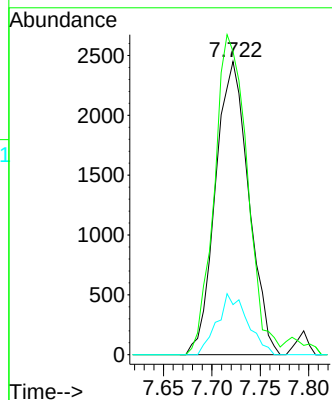


#35
 Dibromofluoromethane
 Concen: 4.874 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY007562.D
 Acq: 21 Feb 2022 11:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

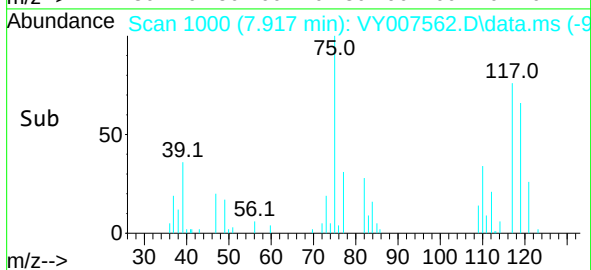
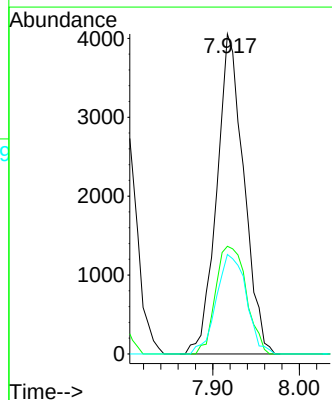
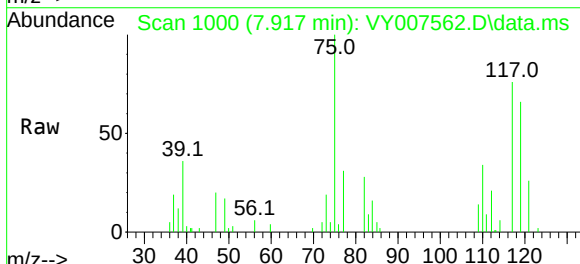


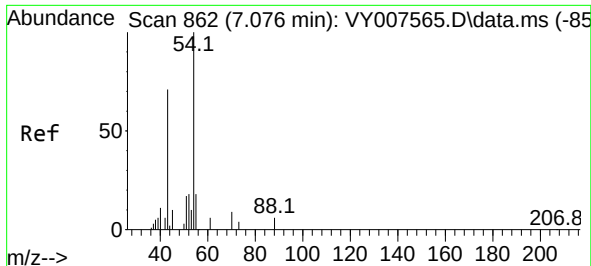
Tgt Ion:113	Resp:	5861	
Ion	Ratio	Lower	Upper
113	100		
111	107.8	82.6	124.0
192	18.9	17.6	26.4



#36
 1,1-Dichloropropene
 Concen: 4.645 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. -0.006 min
 Lab File: VY007562.D
 Acq: 21 Feb 2022 11:24

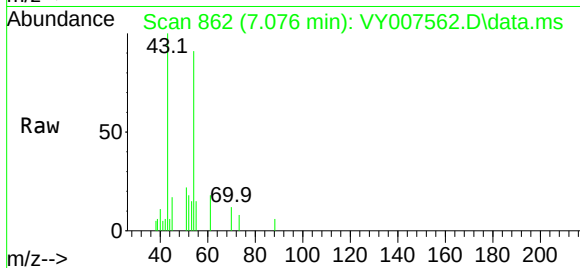
Tgt Ion: 75	Resp:	8799	
Ion Ratio	Lower	Upper	
75 100			
110 38.1	17.1	51.2	
77 34.4	24.4	36.6	





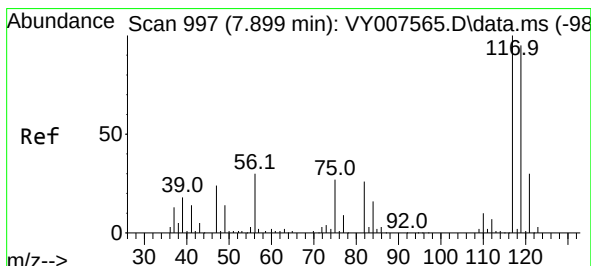
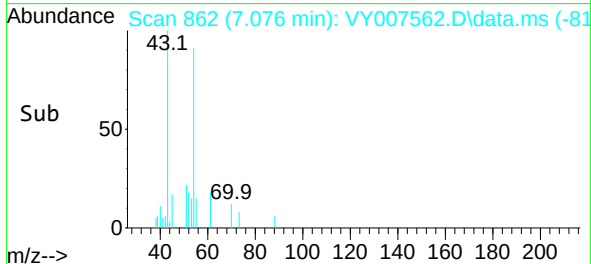
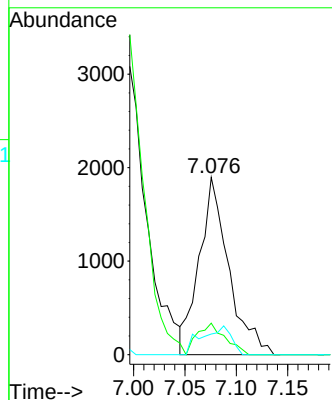
#37
Ethyl Acetate
Concen: 4.478 ug/l
RT: 7.076 min Scan# 862
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 3778

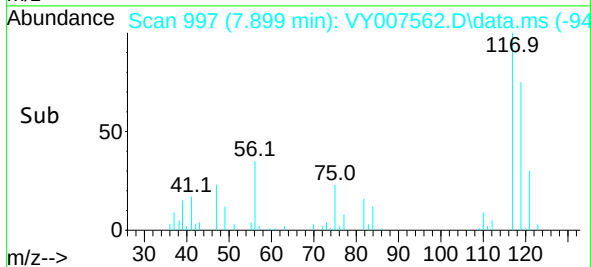
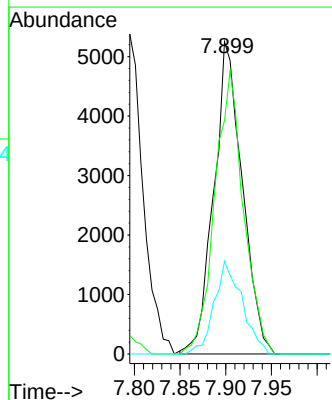
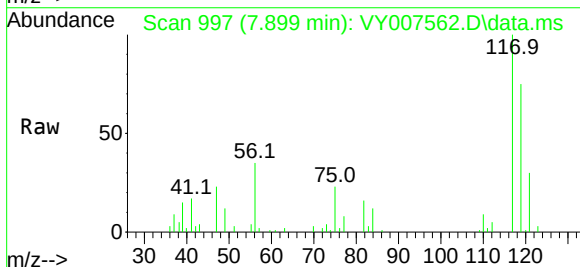
Ion	Ratio	Lower	Upper
43	100		
61	16.7	9.7	14.5#
70	16.0	7.1	10.7#

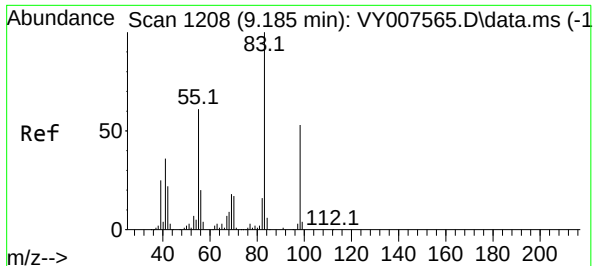


#38
Carbon Tetrachloride
Concen: 5.155 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion: 117 Resp: 11391

Ion	Ratio	Lower	Upper
117	100		
119	74.7	77.9	116.9#
121	29.7	24.8	37.2





#39

Methylcyclohexane

Concen: 4.743 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007562.D

Acq: 21 Feb 2022 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

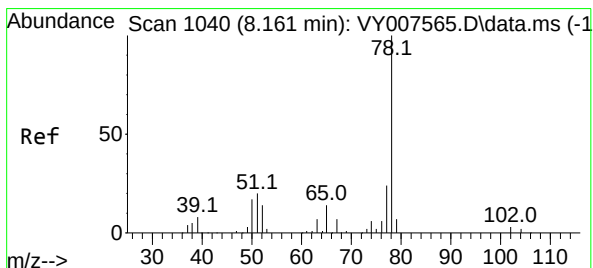
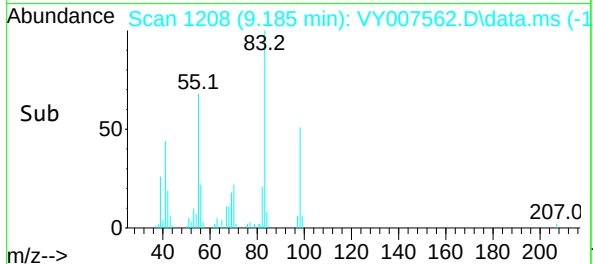
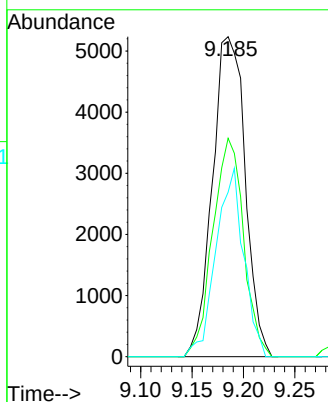
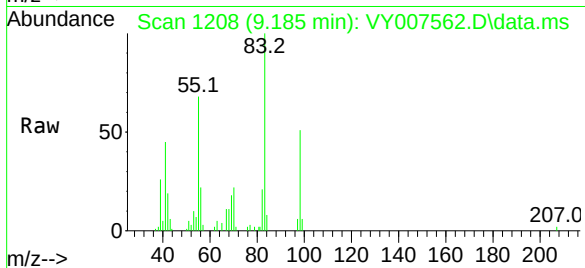
Tgt Ion: 83 Resp: 11597

Ion Ratio Lower Upper

83 100

55 68.3 66.5 99.7

98 51.4 37.9 56.9



#40

Benzene

Concen: 4.796 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY007562.D

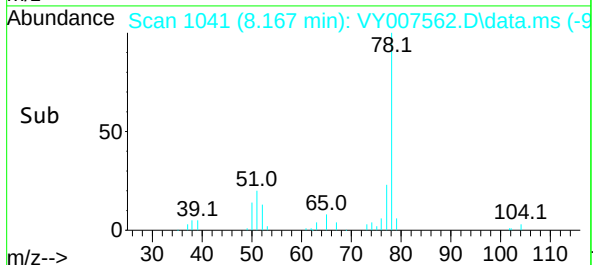
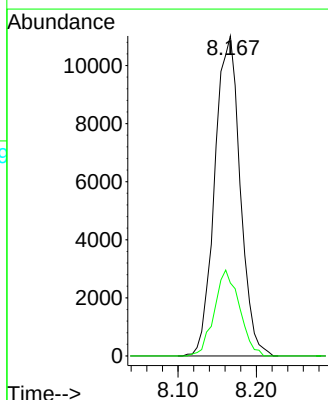
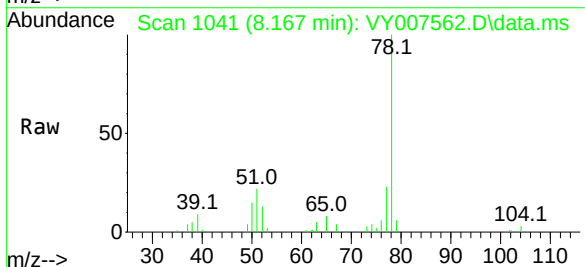
Acq: 21 Feb 2022 11:24

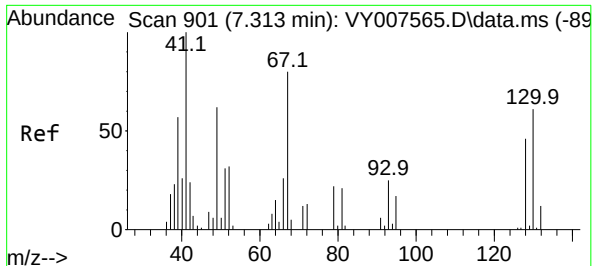
Tgt Ion: 78 Resp: 24847

Ion Ratio Lower Upper

78 100

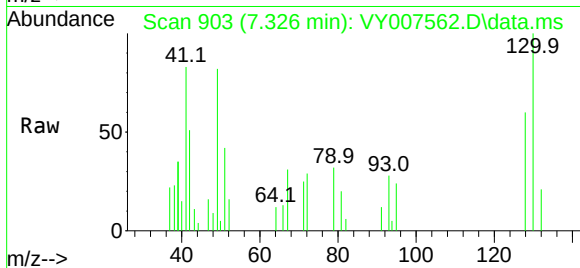
77 22.8 20.4 30.6





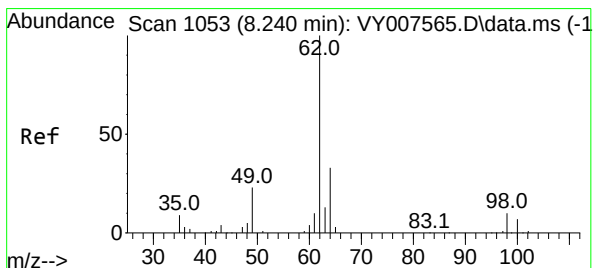
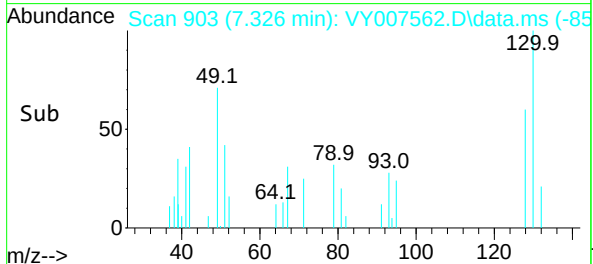
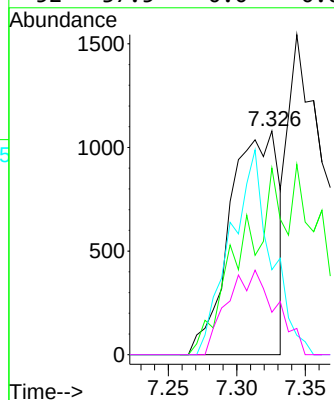
#41
Methacrylonitrile
Concen: 4.967 ug/l
RT: 7.326 min Scan# 901
Delta R.T. 0.012 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 2668

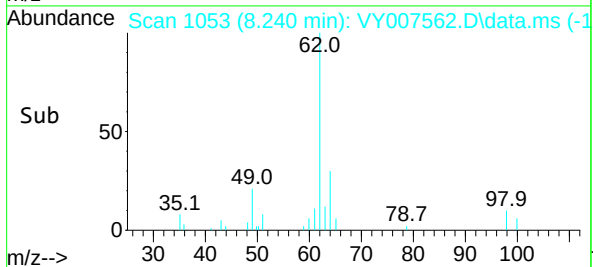
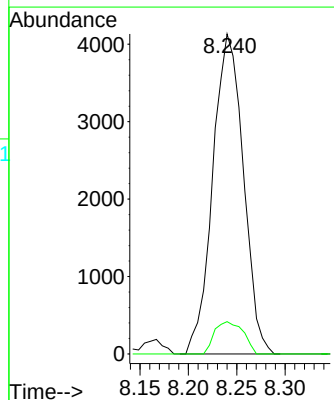
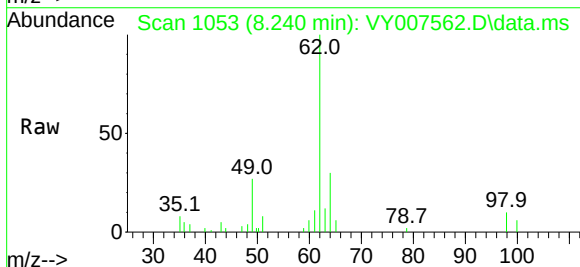
Ion	Ratio	Lower	Upper
41	100		
39	74.7	92.9	139.3#
67	76.6	0.0	0.0#
52	37.5	0.0	0.0#

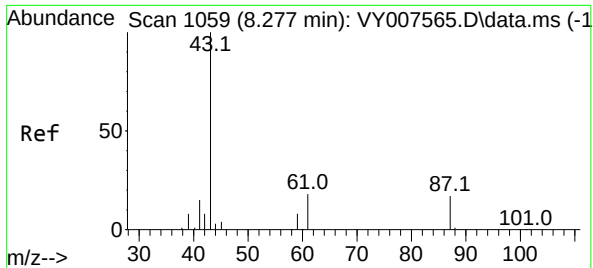


#42
1,2-Dichloroethane
Concen: 5.634 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion: 62 Resp: 9096

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	14.8

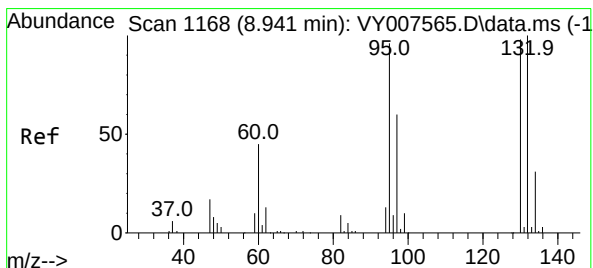
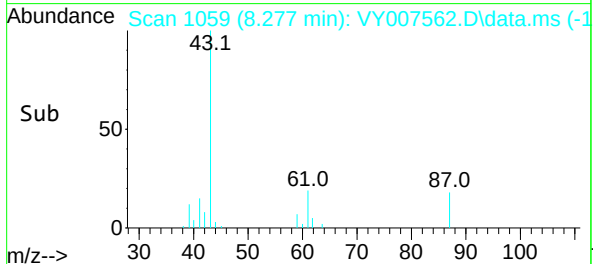
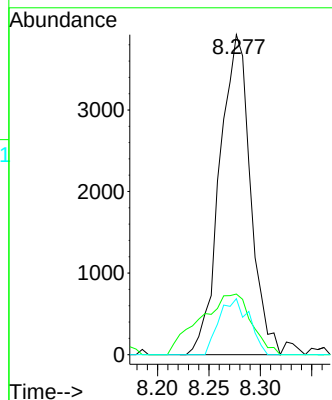
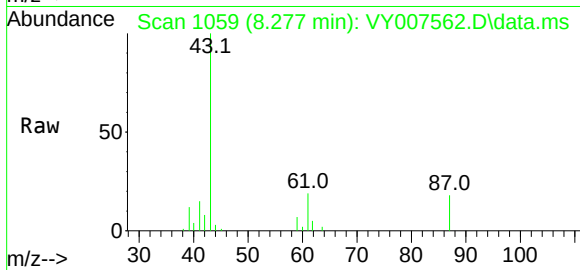




#43
Isopropyl Acetate
Concen: 4.726 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

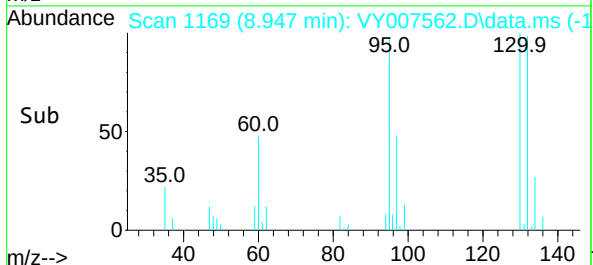
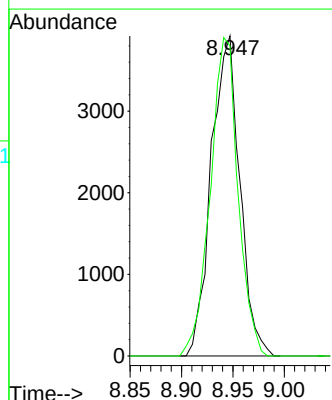
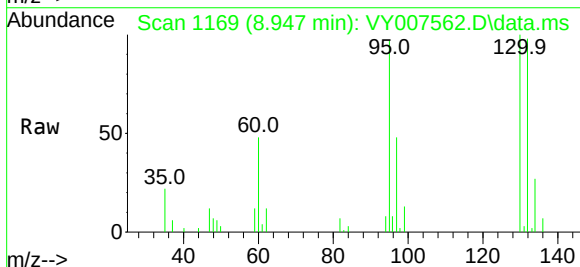
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

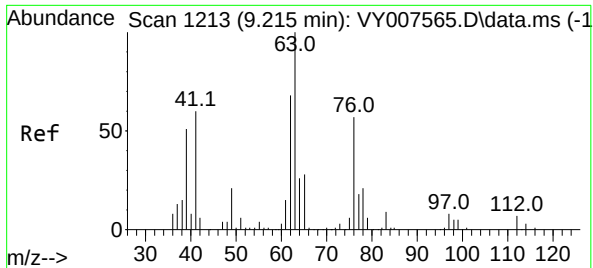
Tgt Ion: 43 Resp: 8139
Ion Ratio Lower Upper
43 100
61 31.7 20.2 30.2#
87 17.2 8.9 13.3#



#44
Trichloroethene
Concen: 5.045 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion:130 Resp: 7579
Ion Ratio Lower Upper
130 100
95 96.9 0.0 188.2

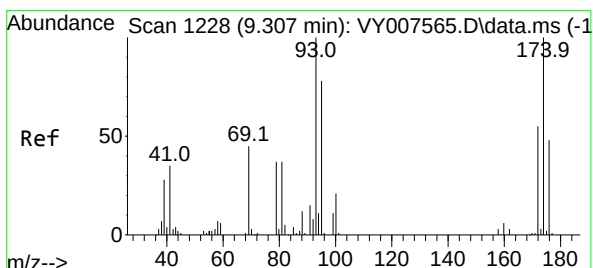
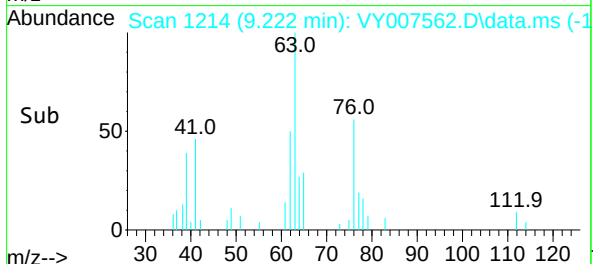
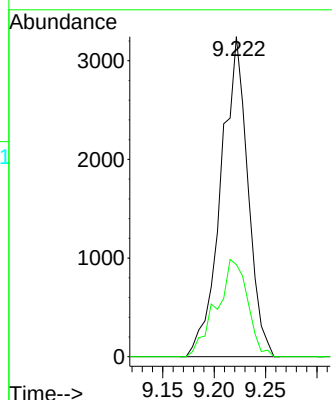
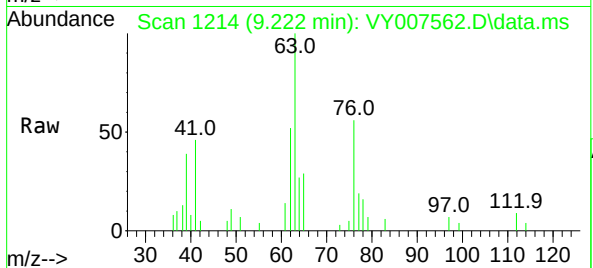




#45
1,2-Dichloropropane
Concen: 4.829 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

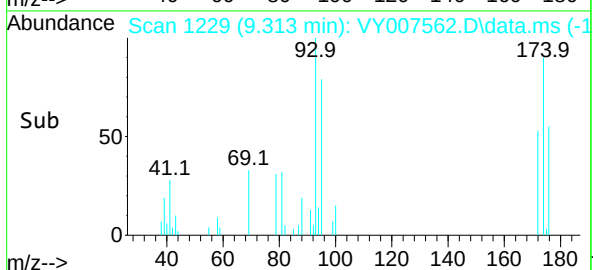
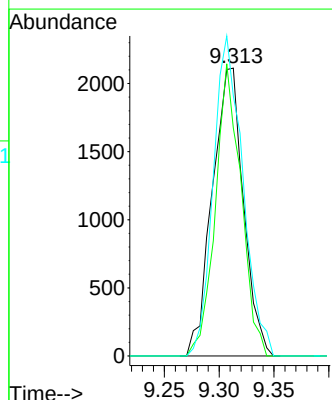
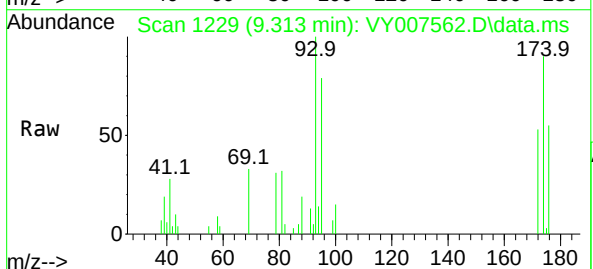
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

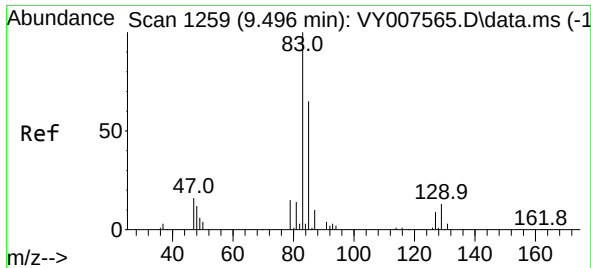
Tgt Ion: 63 Resp: 5920
Ion Ratio Lower Upper
63 100
65 28.8 23.0 34.6



#46
Dibromomethane
Concen: 5.294 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion: 93 Resp: 4170
Ion Ratio Lower Upper
93 100
95 83.6 64.3 96.5
174 105.2 83.4 125.0

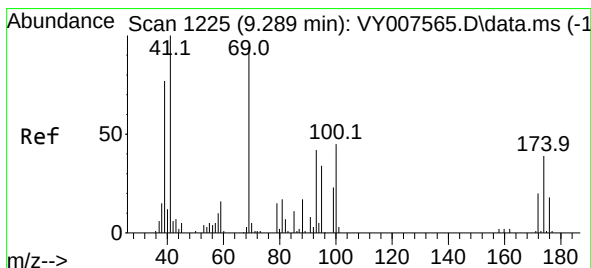
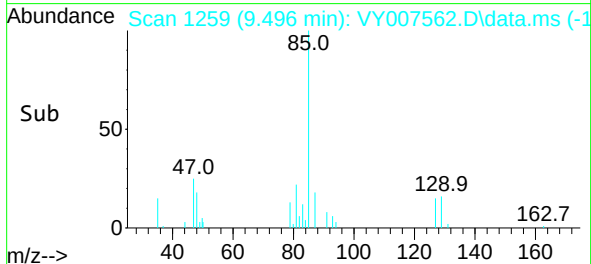
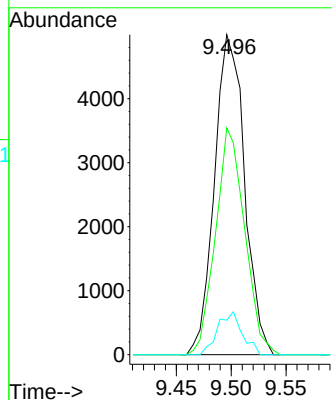
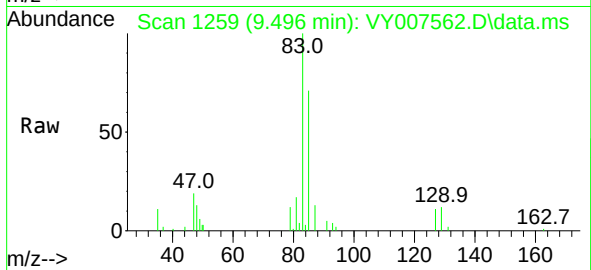




#47
Bromodichloromethane
Concen: 5.016 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

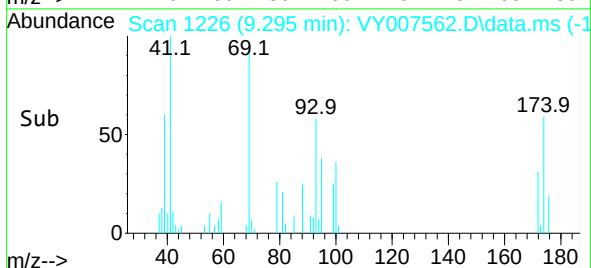
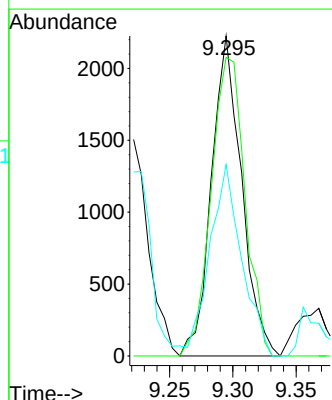
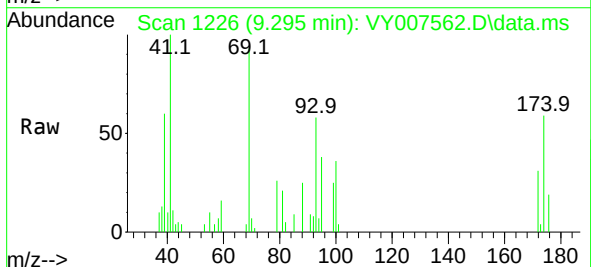
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

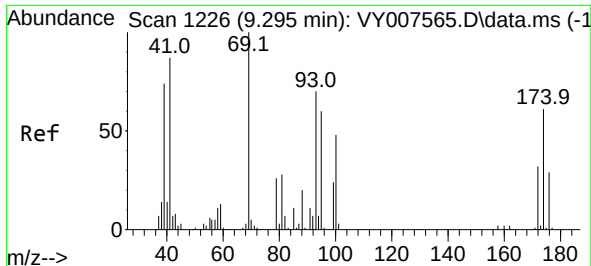
Tgt Ion: 83 Resp: 9535
Ion Ratio Lower Upper
83 100
85 70.9 51.9 77.9
127 10.8 6.6 10.0#



#48
Methyl methacrylate
Concen: 4.851 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion: 41 Resp: 3681
Ion Ratio Lower Upper
41 100
69 105.0 58.2 87.2#
39 62.9 47.4 71.0





#49

1,4-Dioxane

Concen: 127.715 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007562.D

Acq: 21 Feb 2022 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

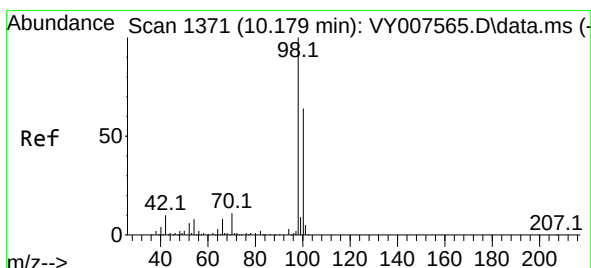
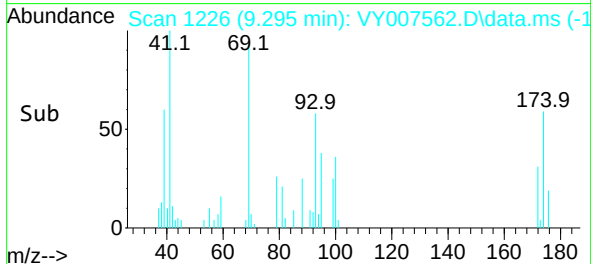
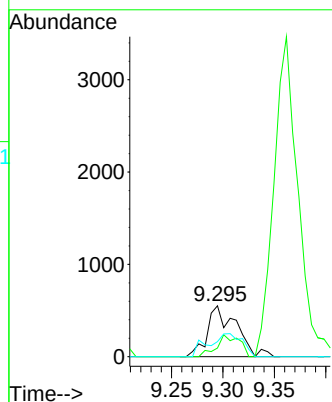
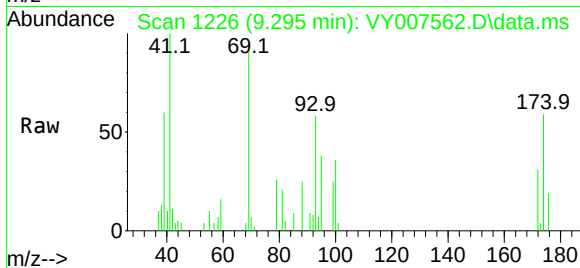
Tgt Ion: 88 Resp: 1077

Ion Ratio Lower Upper

88 100

43 33.5 32.8 49.2

58 52.6 59.8 89.6#



#50

Toluene-d8

Concen: 4.393 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY007562.D

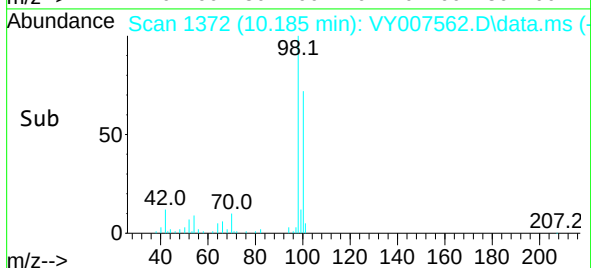
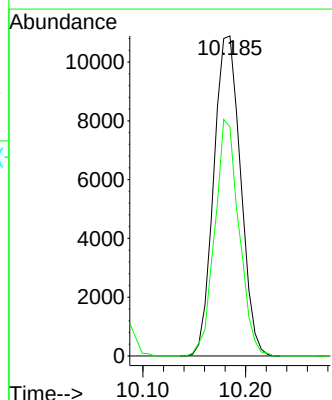
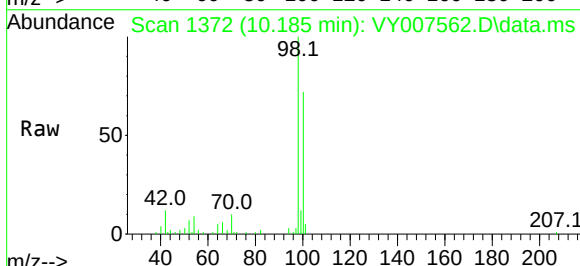
Acq: 21 Feb 2022 11:24

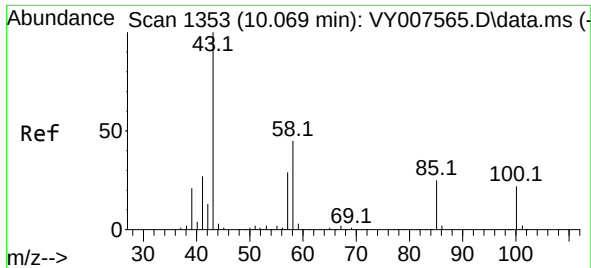
Tgt Ion: 98 Resp: 19705

Ion Ratio Lower Upper

98 100

100 67.0 50.2 75.2

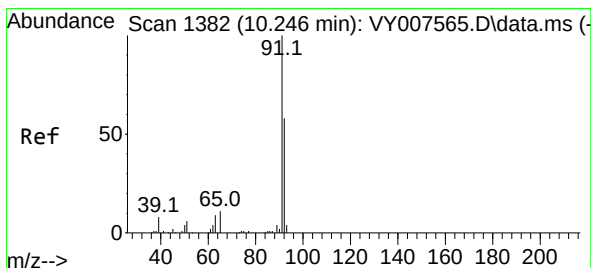
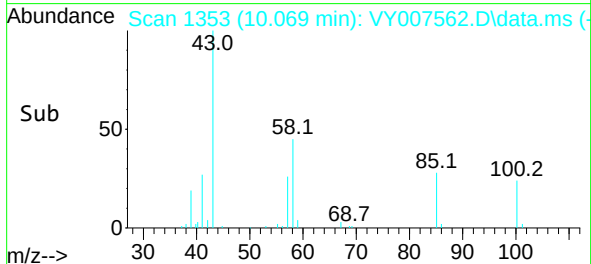
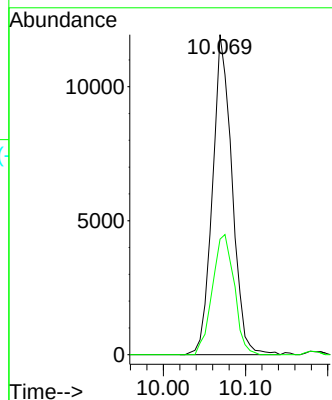
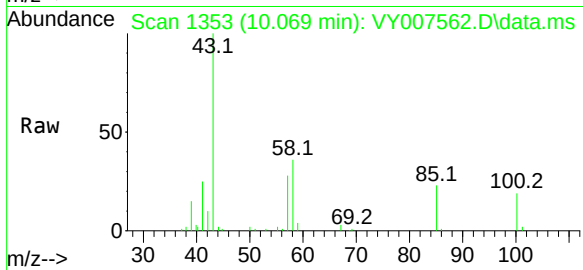




#51
4-Methyl-2-Pentanone
Concen: 23.157 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

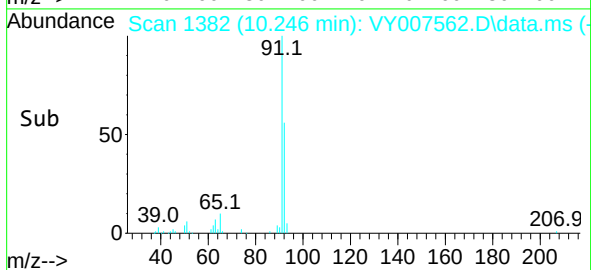
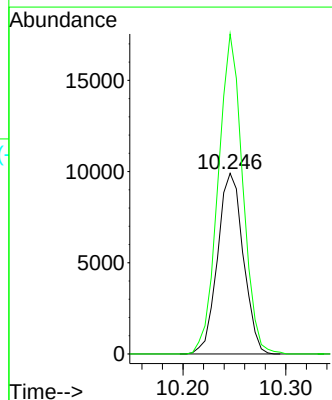
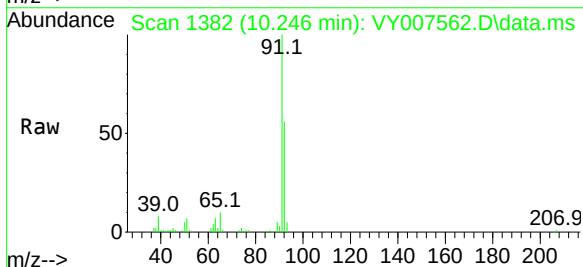
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

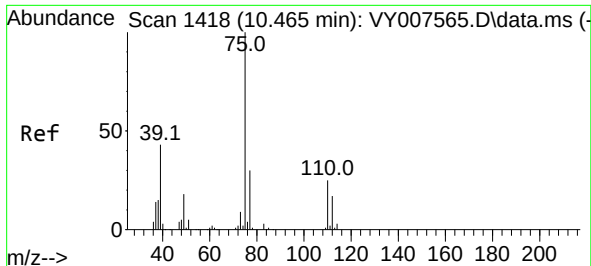
Tgt Ion: 43 Resp: 19726
Ion Ratio Lower Upper
43 100
58 41.9 28.1 42.1



#52
Toluene
Concen: 5.138 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion: 92 Resp: 17199
Ion Ratio Lower Upper
92 100
91 168.9 142.6 213.8

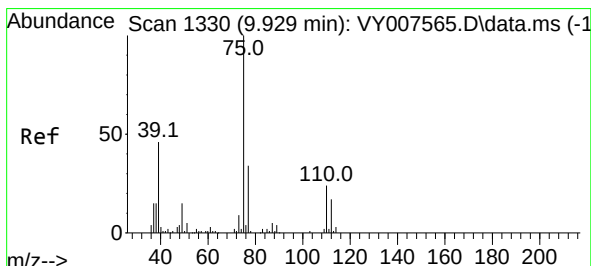
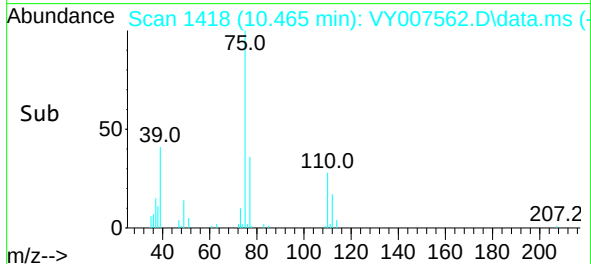
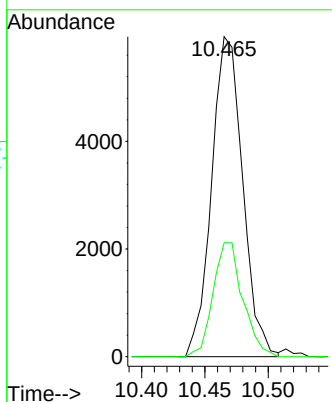
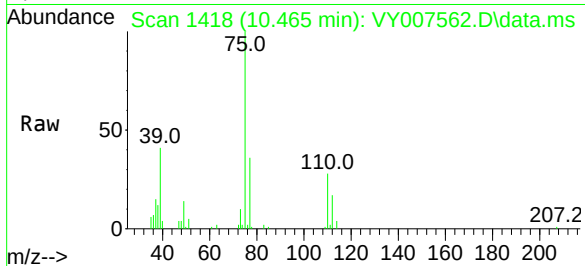




#53
t-1,3-Dichloropropene
Concen: 5.187 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

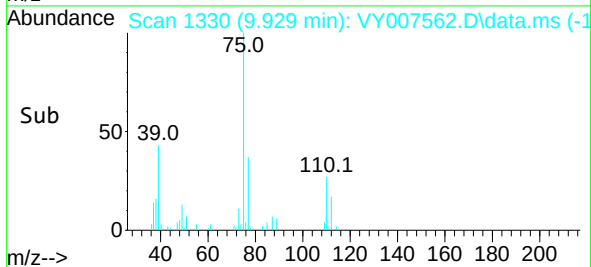
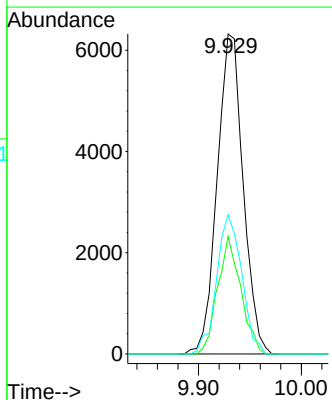
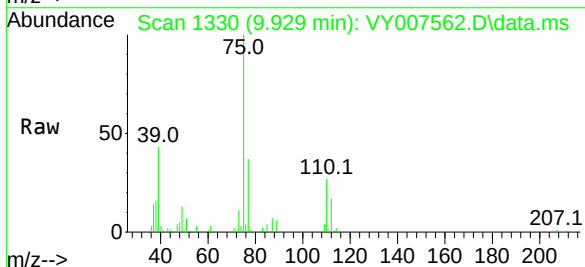
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

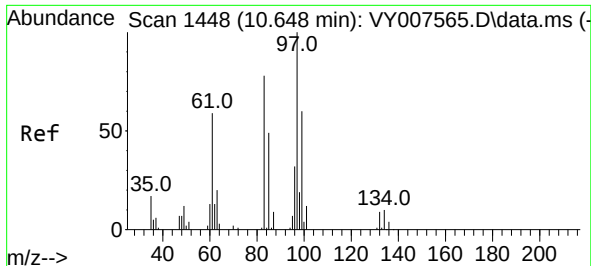
Tgt Ion: 75 Resp: 10158
Ion Ratio Lower Upper
75 100
77 35.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 5.075 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion: 75 Resp: 11082
Ion Ratio Lower Upper
75 100
77 36.7 25.6 38.4
39 43.5 47.6 71.4#

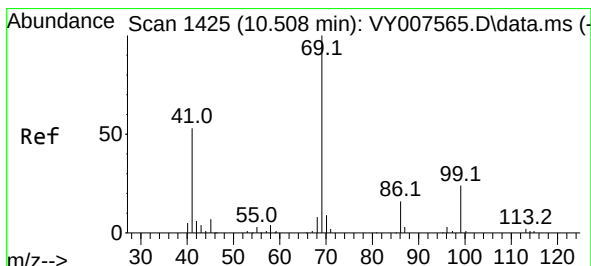
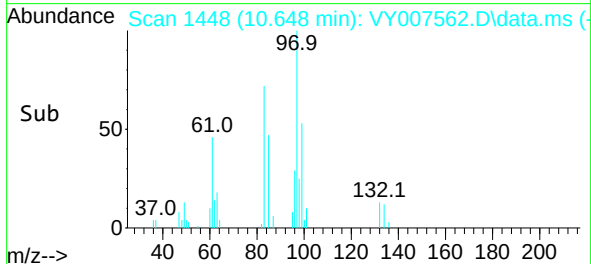
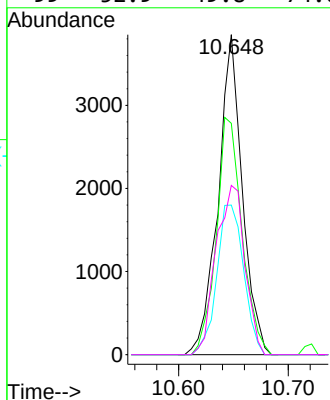
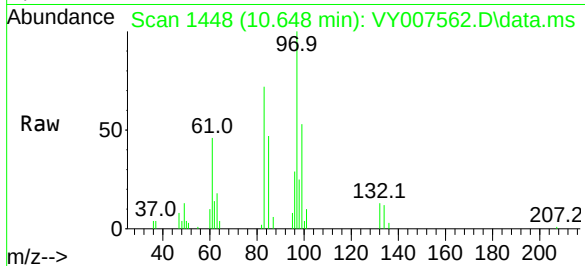




#55
1,1,2-Trichloroethane
Concen: 5.715 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

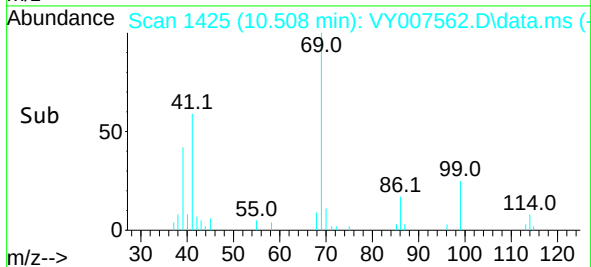
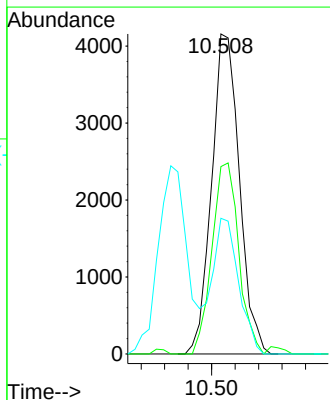
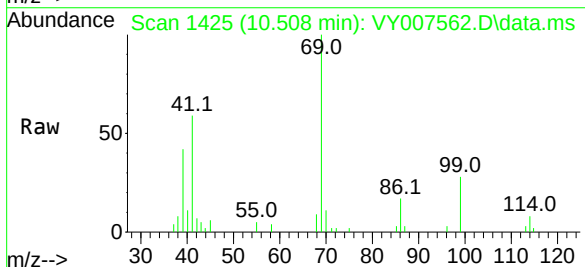
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

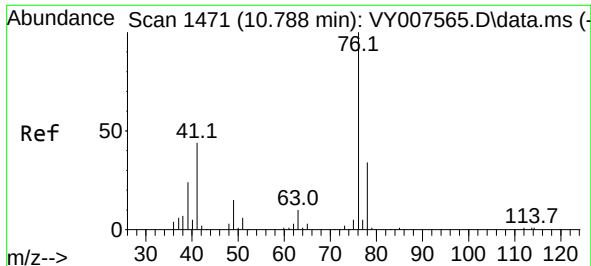
Tgt Ion: 97	Resp: 5907
Ion Ratio	Lower Upper
97 100	
83 72.3	69.8 104.8
85 46.8	44.3 66.5
99 52.9	49.8 74.6



#56
Ethyl methacrylate
Concen: 4.970 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion: 69	Resp: 6819
Ion Ratio	Lower Upper
69 100	
41 57.6	63.4 95.0#
39 40.8	35.8 53.8





#57

1,3-Dichloropropane

Concen: 5.436 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY007562.D

Acq: 21 Feb 2022 11:24

Instrument :

MSVOA_Y

ClientSampleId :

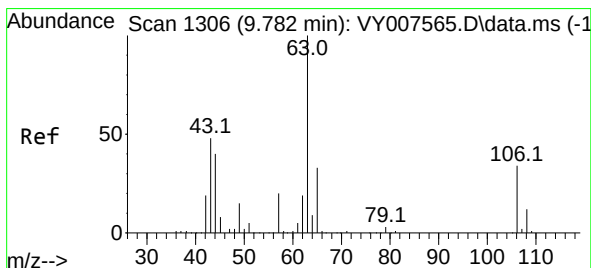
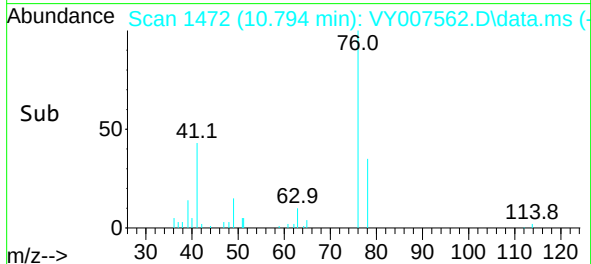
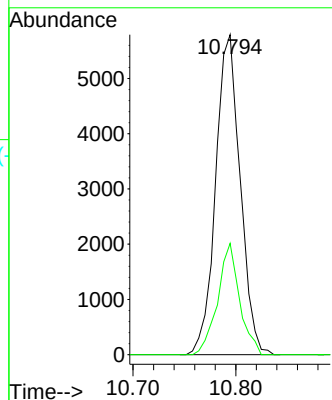
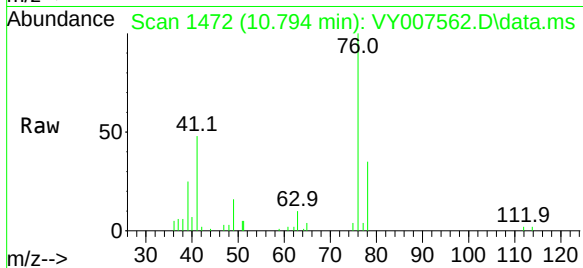
VSTDIC005

Tgt Ion: 76 Resp: 9592

Ion Ratio Lower Upper

76 100

78 31.0 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 24.781 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY007562.D

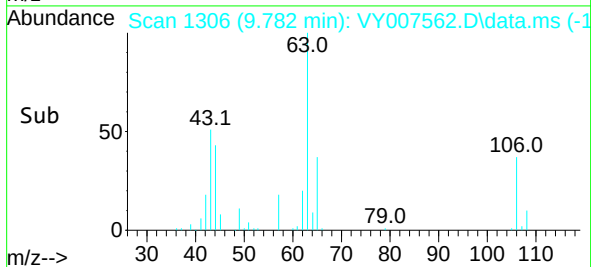
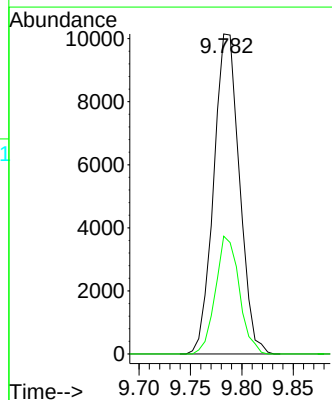
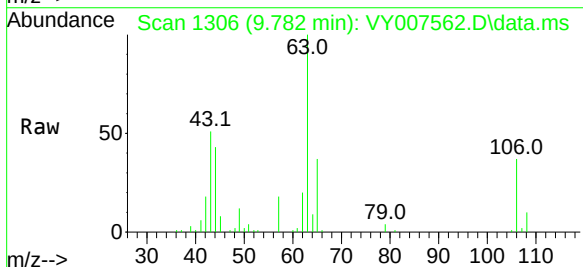
Acq: 21 Feb 2022 11:24

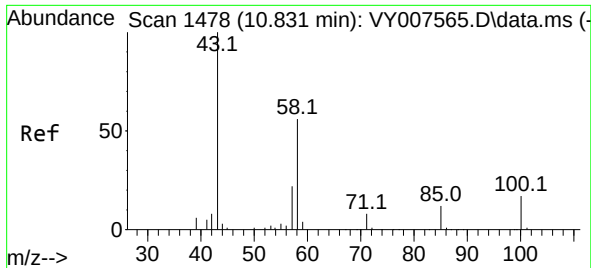
Tgt Ion: 63 Resp: 17660

Ion Ratio Lower Upper

63 100

106 34.0 21.5 32.3#

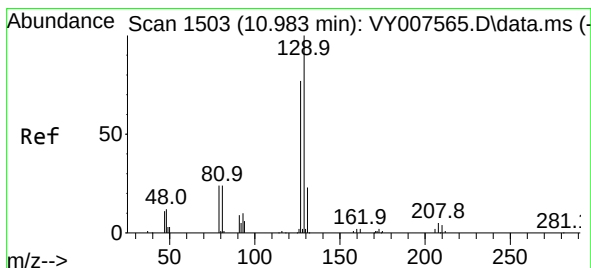
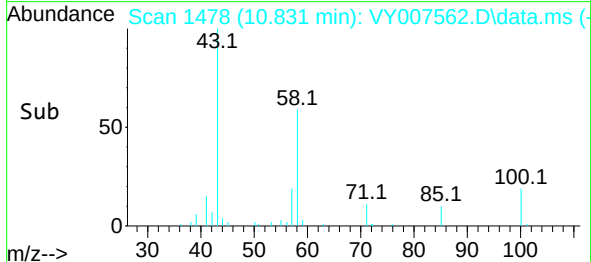
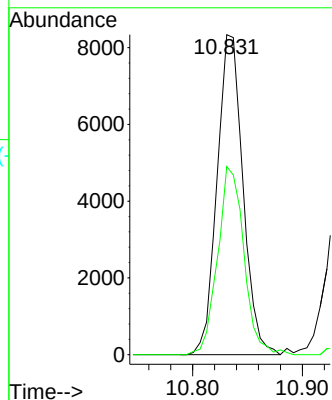
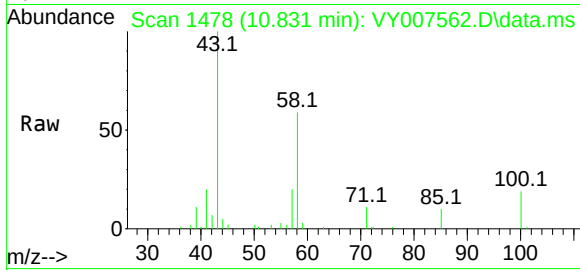




#59
2-Hexanone
Concen: 22.470 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

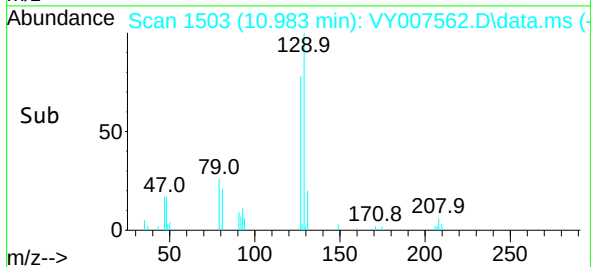
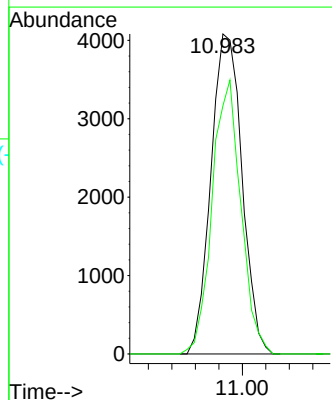
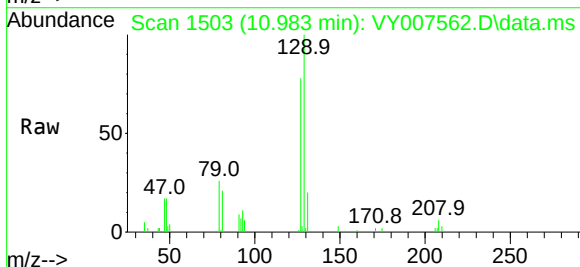
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

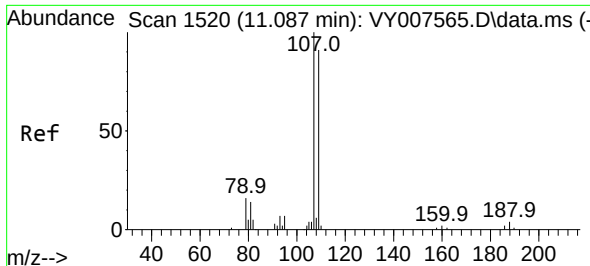
Tgt Ion: 43 Resp: 13679
Ion Ratio Lower Upper
43 100
58 59.8 24.4 73.4



#60
Dibromochloromethane
Concen: 5.658 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion: 129 Resp: 7514
Ion Ratio Lower Upper
129 100
127 78.8 38.7 116.1

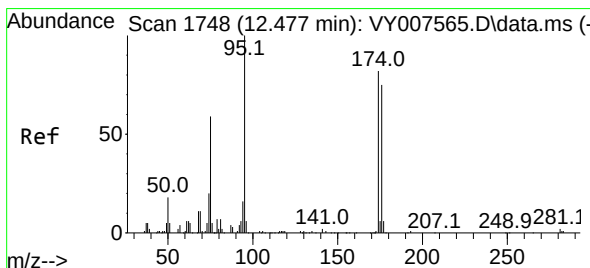
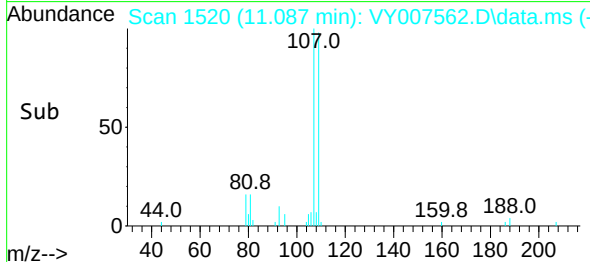
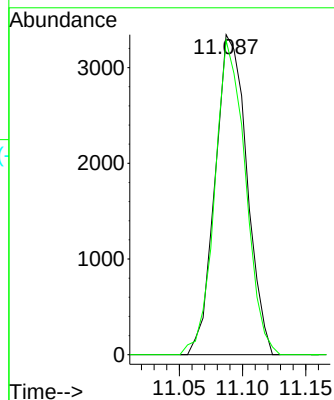
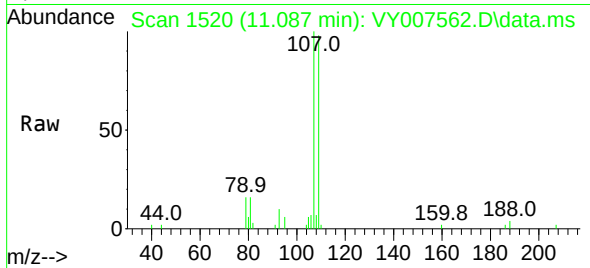




#61
1,2-Dibromoethane
Concen: 5.608 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

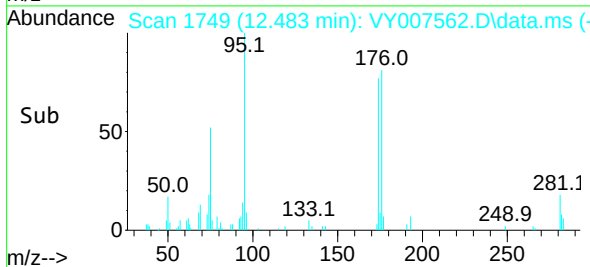
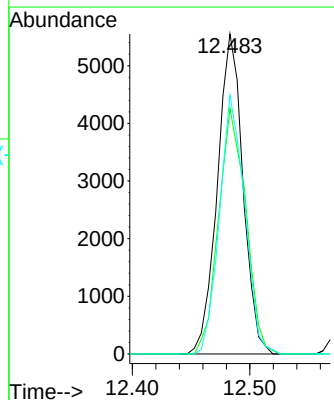
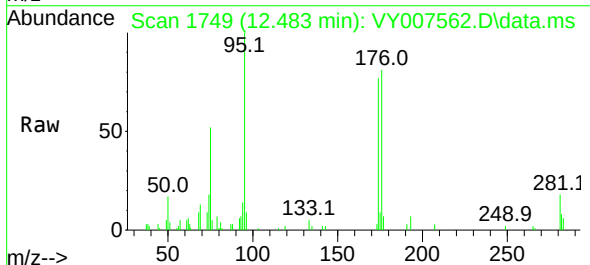
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

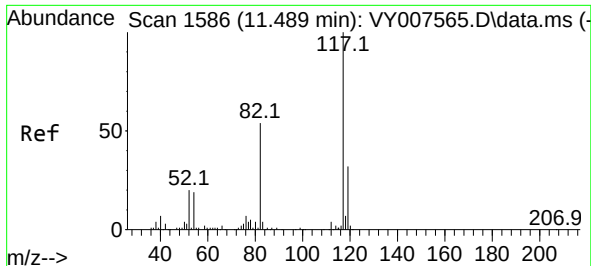
Tgt Ion:107 Resp: 5833
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 5.510 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion: 95 Resp: 8398
Ion Ratio Lower Upper
95 100
174 81.6 0.0 177.0
176 79.8 0.0 175.8

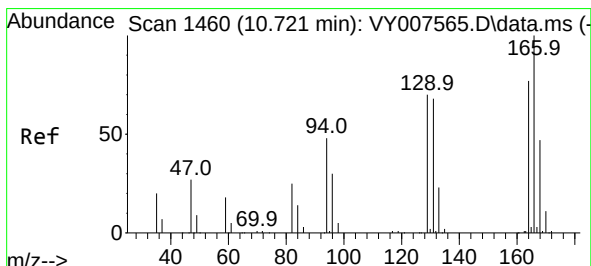
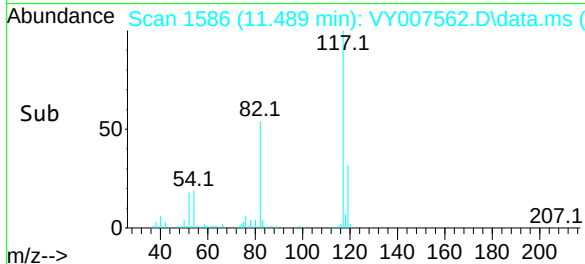
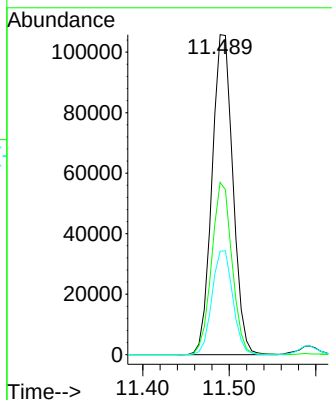
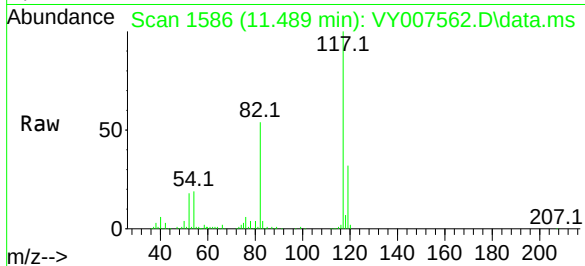




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

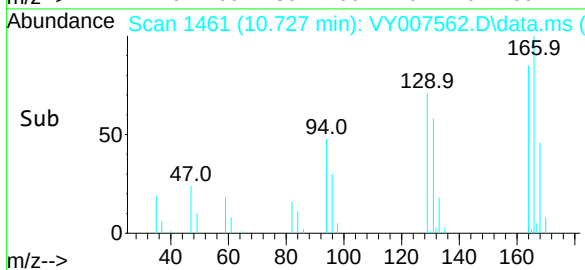
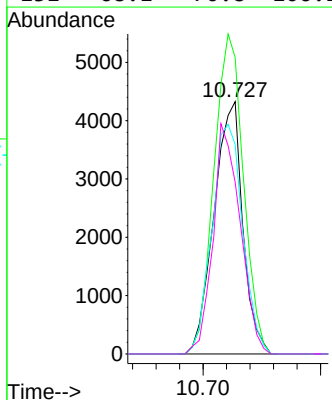
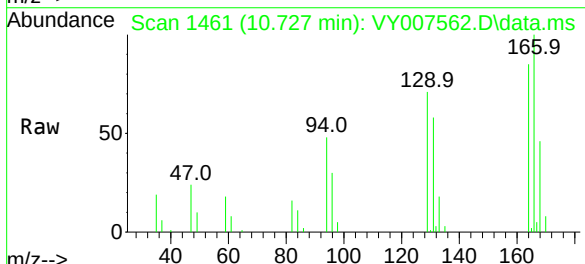
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

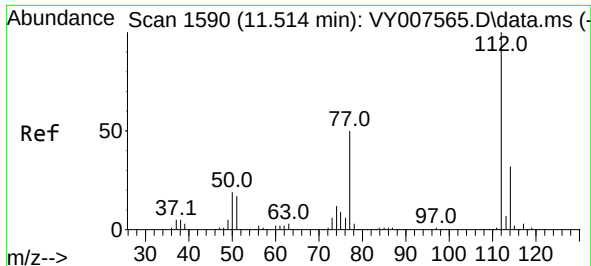
Tgt Ion:117 Resp: 177540
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 5.297 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion:164 Resp: 7343
Ion Ratio Lower Upper
164 100
166 117.5 100.4 150.6
129 83.0 71.4 107.0
131 68.1 70.8 106.2#

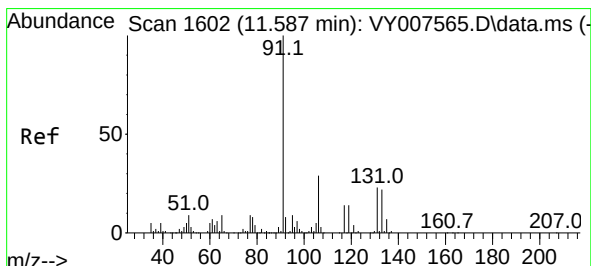
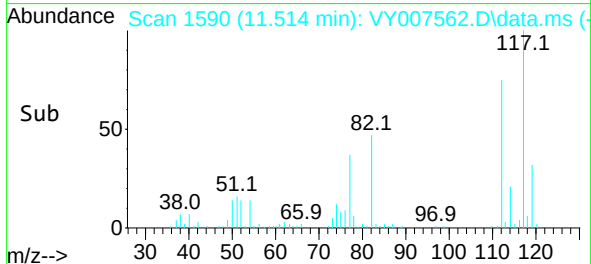
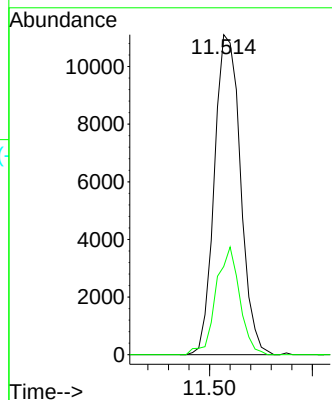
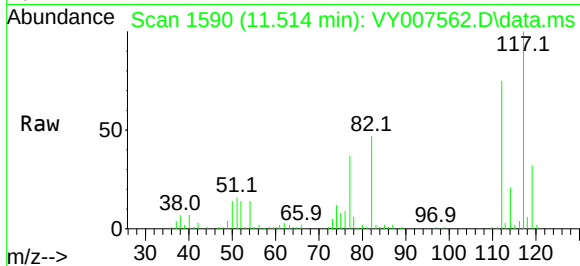




#65
Chlorobenzene
Concen: 5.149 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

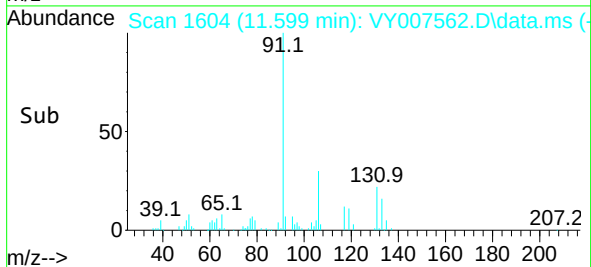
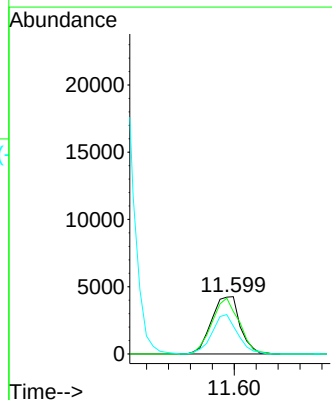
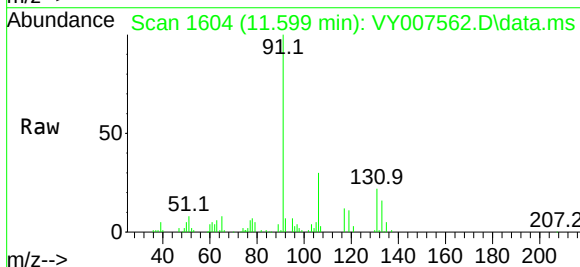
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

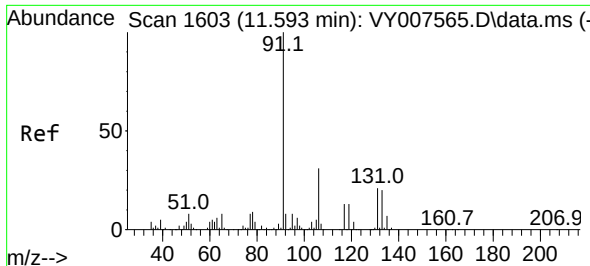
Tgt Ion:112 Resp: 19529
Ion Ratio Lower Upper
112 100
114 27.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 5.326 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.012 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion:131 Resp: 7709
Ion Ratio Lower Upper
131 100
133 93.1 47.9 143.6
119 61.2 30.8 92.3

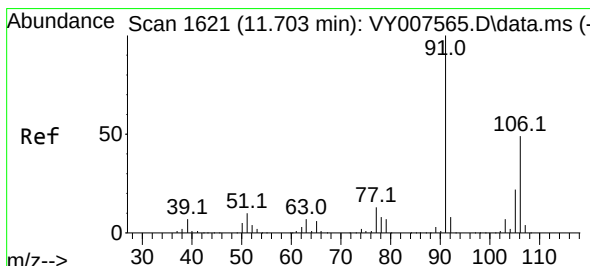
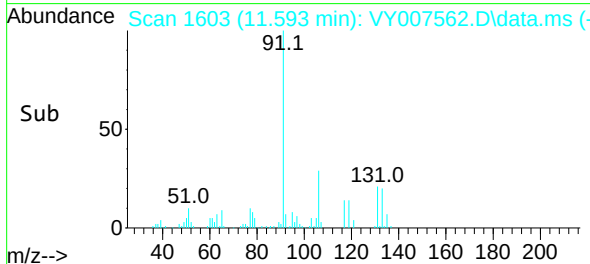
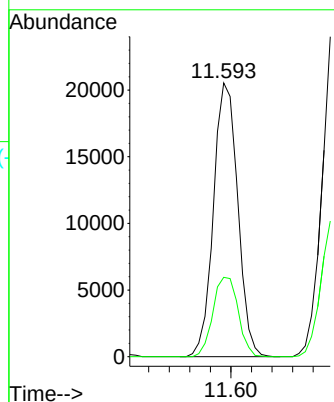
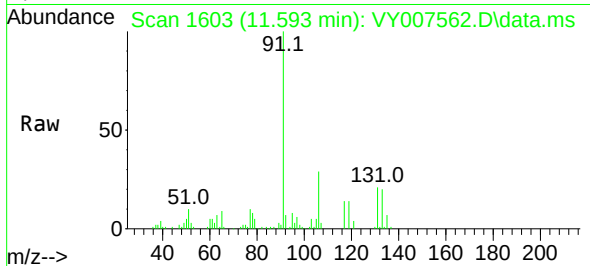




#67
Ethyl Benzene
Concen: 4.777 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

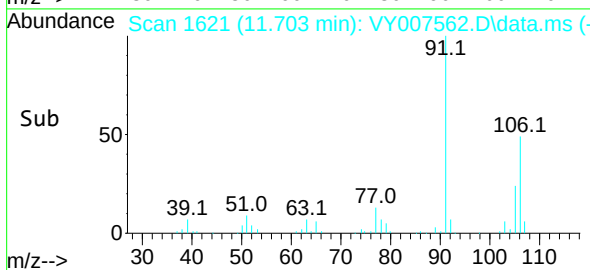
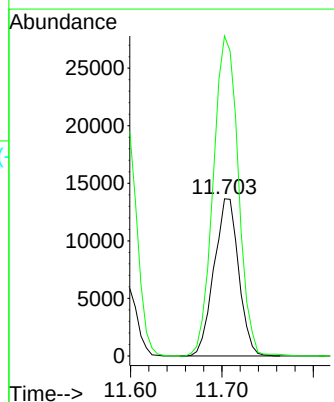
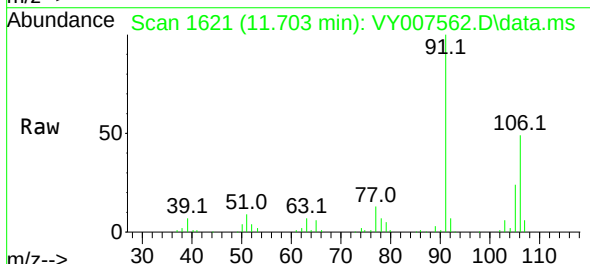
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

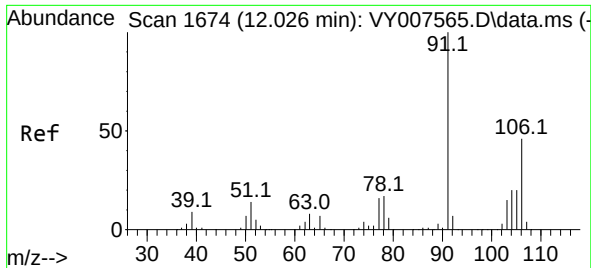
Tgt Ion: 91 Resp: 33652
Ion Ratio Lower Upper
91 100
106 29.0 24.5 36.7



#68
m/p-Xylenes
Concen: 9.565 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion:106 Resp: 25556
Ion Ratio Lower Upper
106 100
91 207.4 166.6 249.8

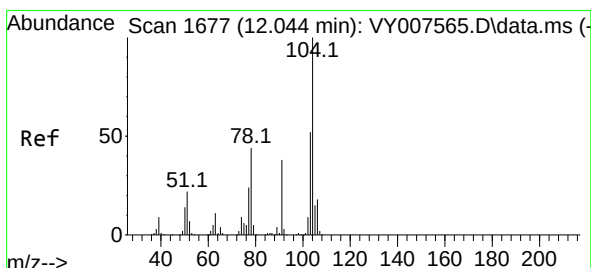
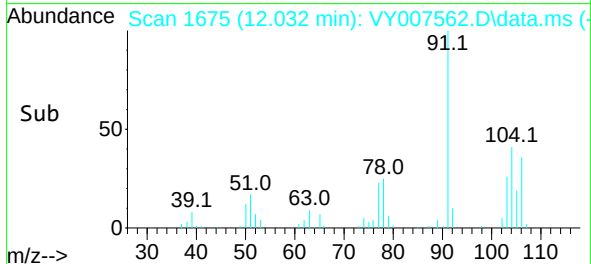
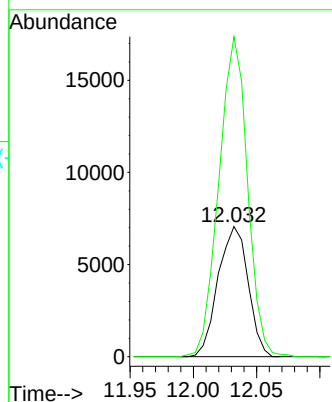
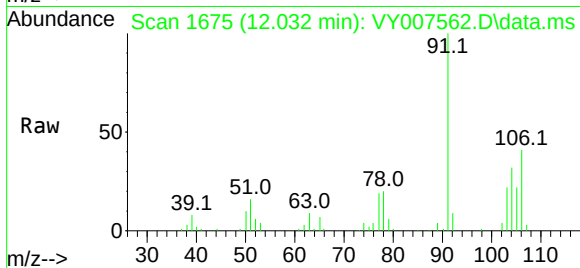




#69
o-Xylene
Concen: 4.599 ug/l
RT: 12.032 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

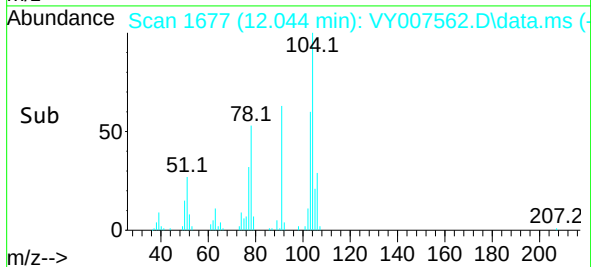
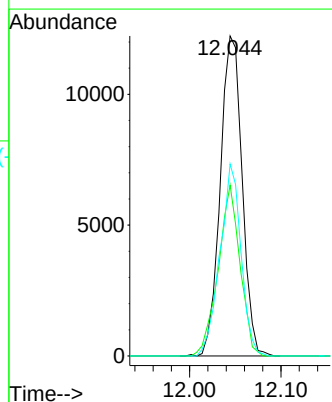
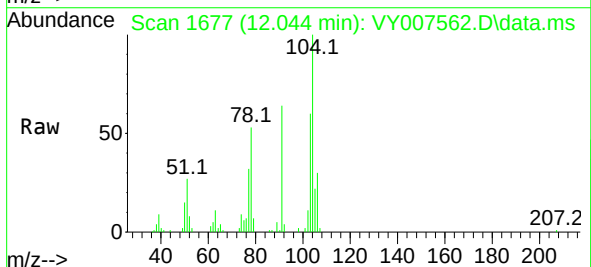
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

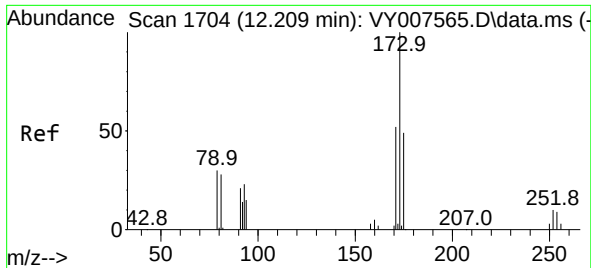
Tgt Ion:106 Resp: 11647
Ion Ratio Lower Upper
106 100
91 234.4 110.3 331.0



#70
Styrene
Concen: 4.888 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion:104 Resp: 20349
Ion Ratio Lower Upper
104 100
78 53.1 42.4 63.6
103 57.7 44.4 66.6

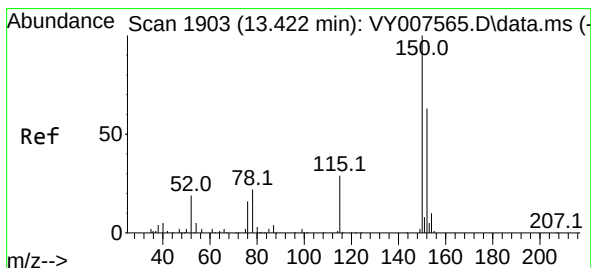
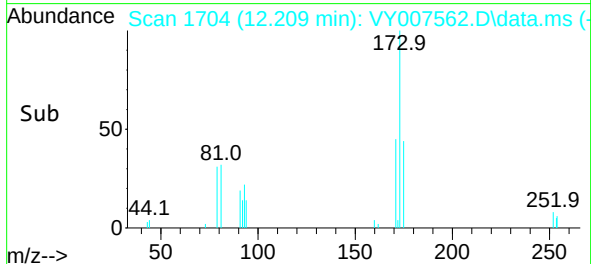
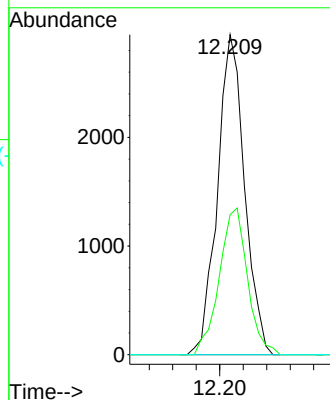
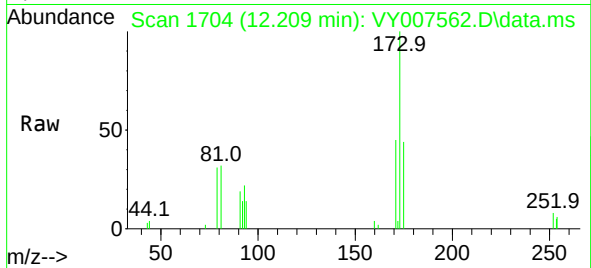




#71
Bromoform
Concen: 5.825 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

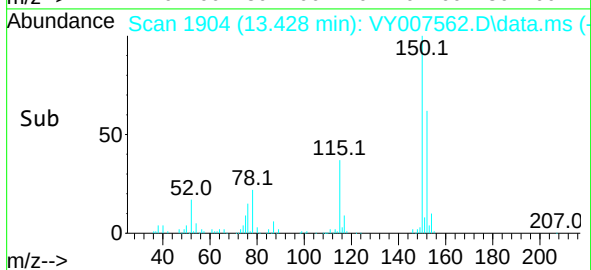
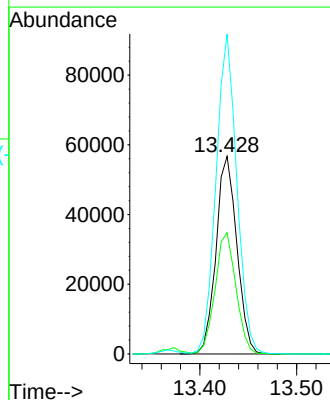
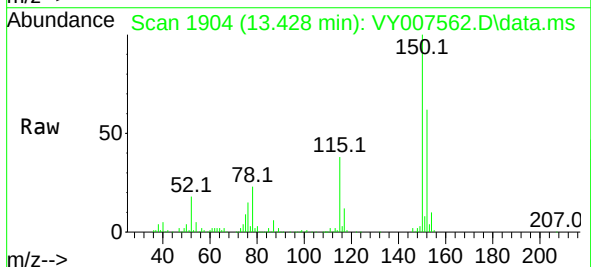
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

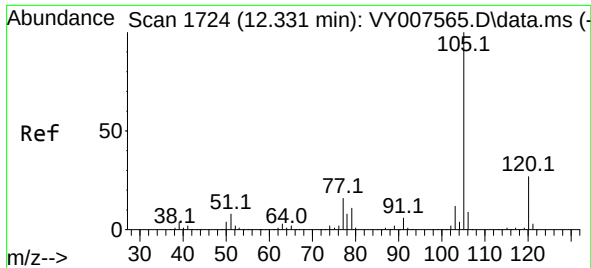
Tgt Ion:173 Resp: 4720
Ion Ratio Lower Upper
173 100
175 47.8 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion:152 Resp: 84579
Ion Ratio Lower Upper
152 100
115 61.7 28.2 84.7
150 162.0 0.0 347.6

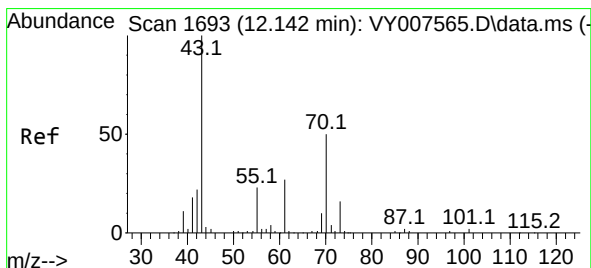
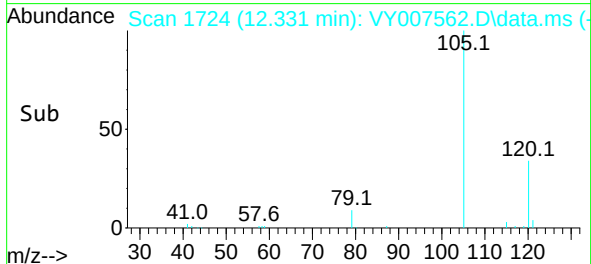
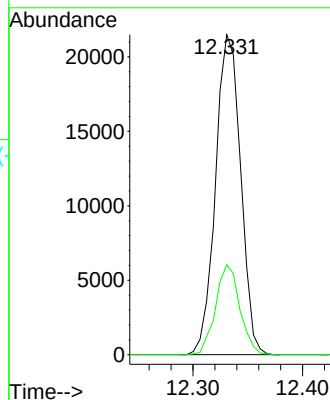
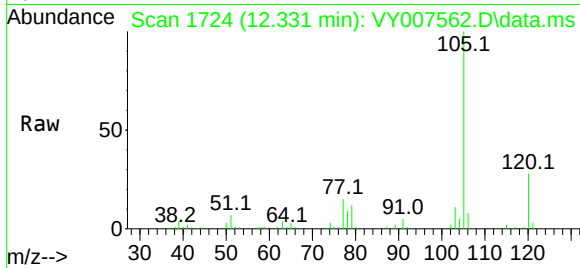




#73
Isopropylbenzene
Concen: 4.708 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

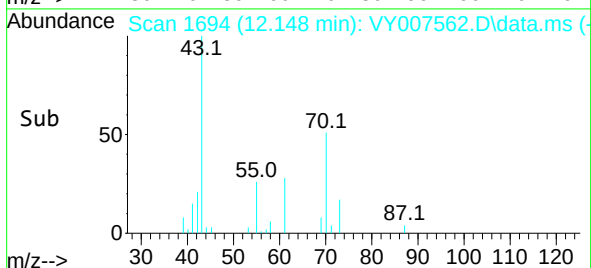
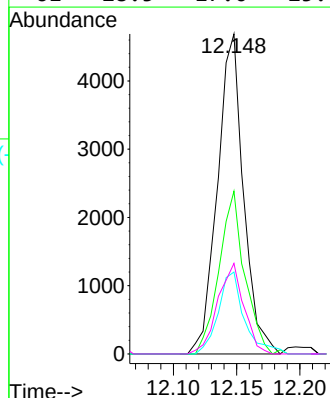
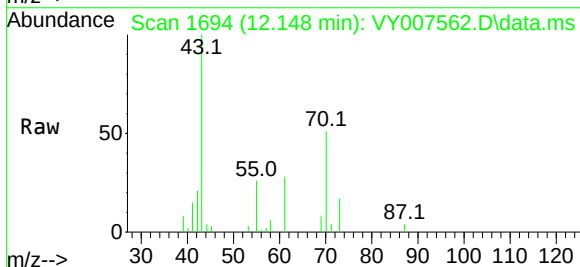
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

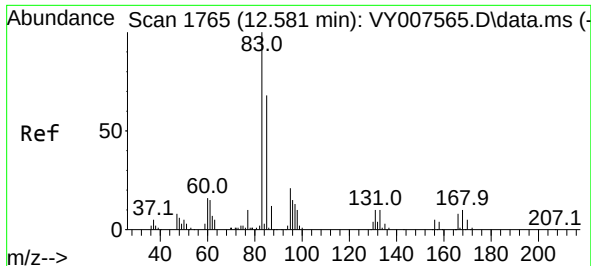
Tgt Ion:105 Resp: 34239
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-ethyl acetate
Concen: 4.166 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion: 43 Resp: 6706
Ion Ratio Lower Upper
43 100
70 50.0 28.7 43.1#
55 25.6 17.3 25.9
61 28.5 17.0 25.6#

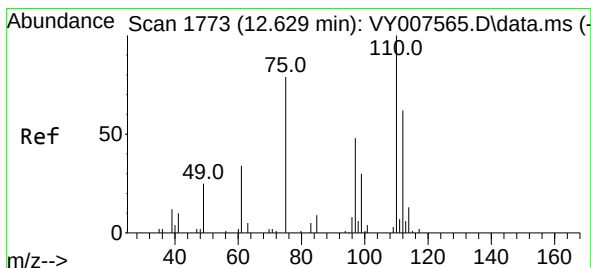
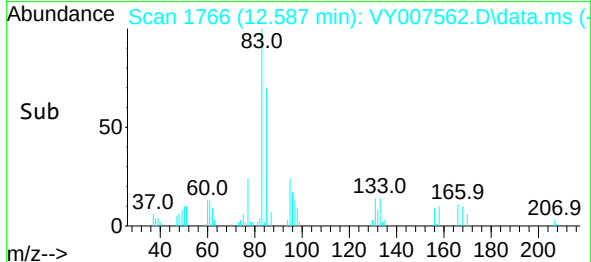
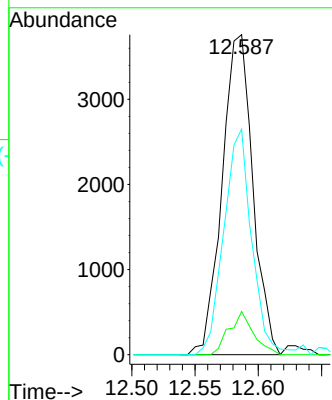
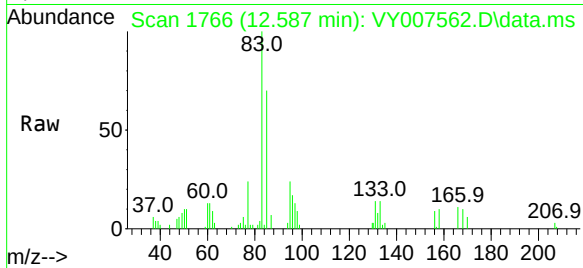




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.113 ug/l
 RT: 12.587 min Scan# 1765
 Delta R.T. 0.006 min
 Lab File: VY007562.D
 Acq: 21 Feb 2022 11:24

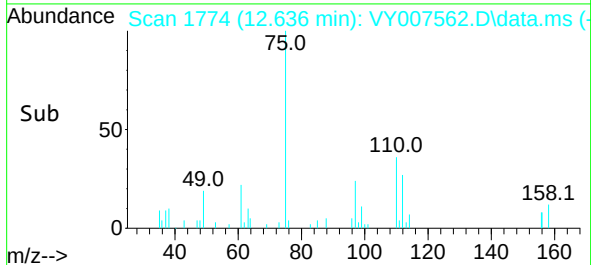
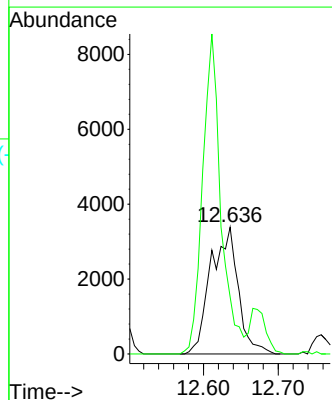
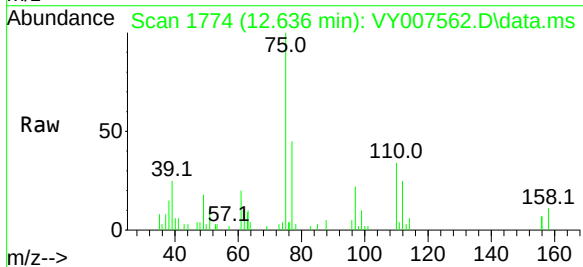
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

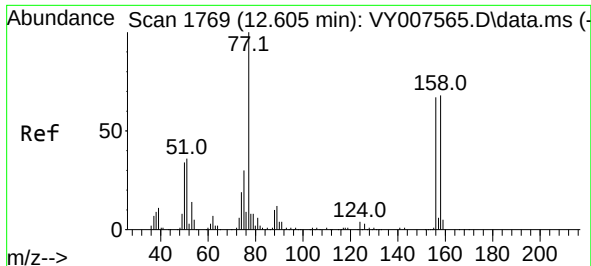
Tgt Ion: 83 Resp: 6349
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.6 16.8
 85 64.0 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 8.950 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.006 min
 Lab File: VY007562.D
 Acq: 21 Feb 2022 11:24

Tgt Ion: 75 Resp: 8635
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

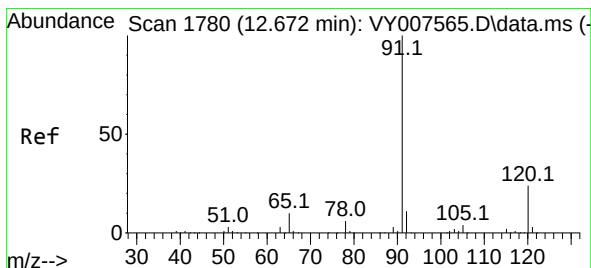
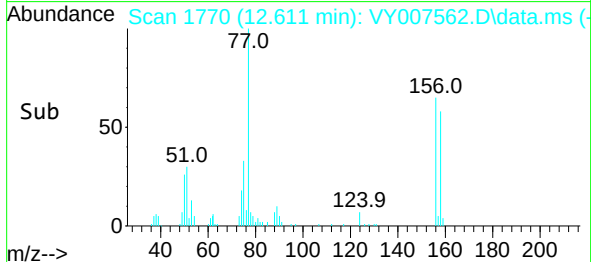
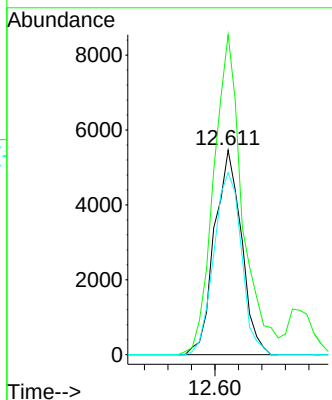
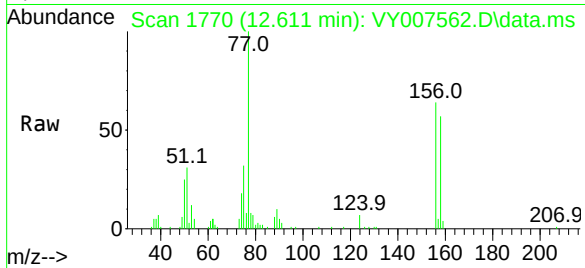




#77
Bromobenzene
Concen: 5.527 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

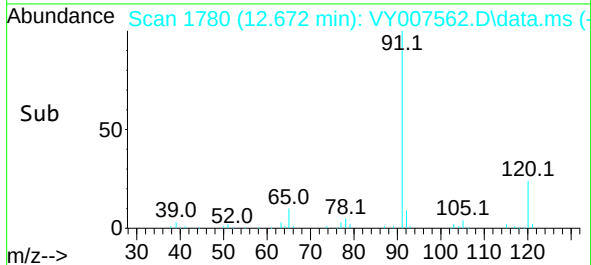
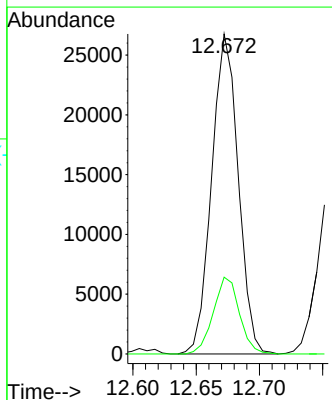
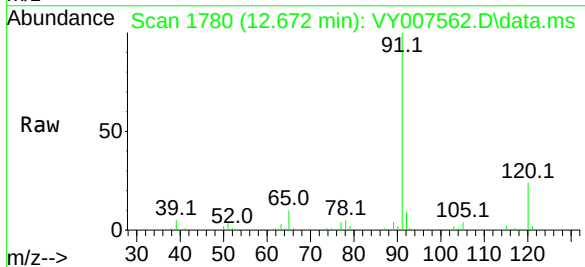
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

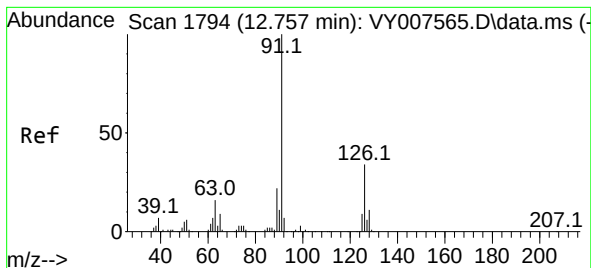
Tgt Ion:156 Resp: 8731
Ion Ratio Lower Upper
156 100
77 166.9 95.5 286.4
158 90.9 48.0 144.0



#78
n-propylbenzene
Concen: 4.500 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion: 91 Resp: 39096
Ion Ratio Lower Upper
91 100
120 23.5 11.3 33.9





#79

2-Chlorotoluene

Concen: 4.803 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY007562.D

Acq: 21 Feb 2022 11:24

Instrument :

MSVOA_Y

ClientSampleId :

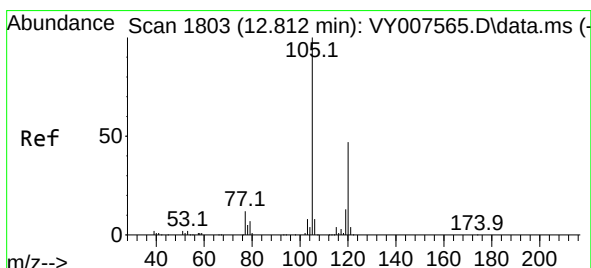
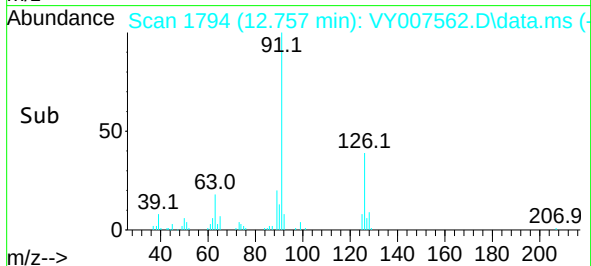
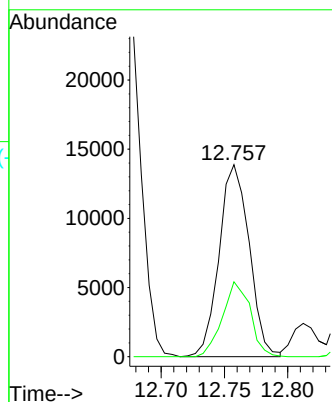
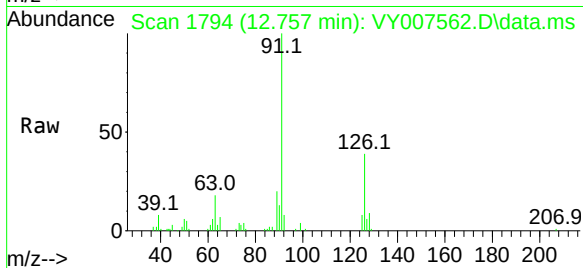
VSTDIC005

Tgt Ion: 91 Resp: 23015

Ion Ratio Lower Upper

91 100

126 36.0 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 4.683 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY007562.D

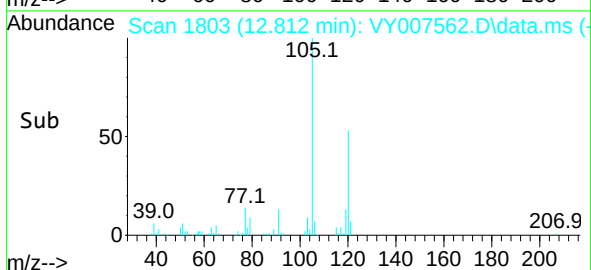
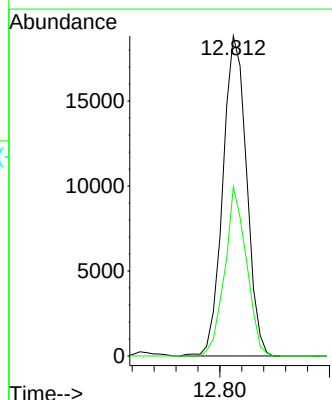
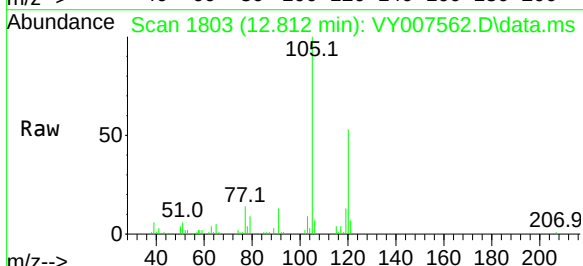
Acq: 21 Feb 2022 11:24

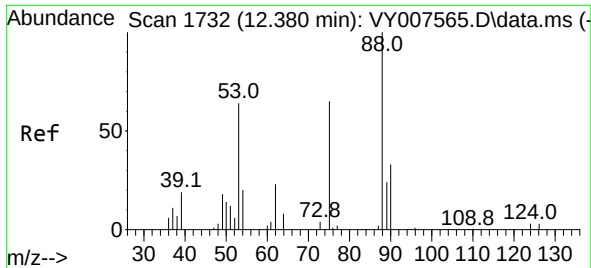
Tgt Ion: 105 Resp: 28252

Ion Ratio Lower Upper

105 100

120 48.3 24.4 73.4

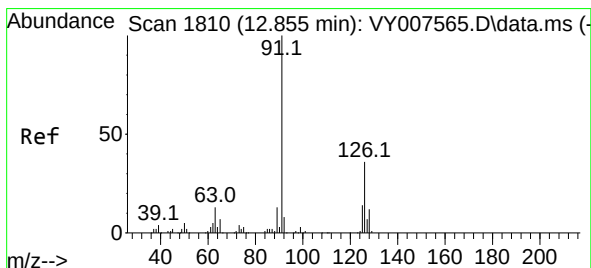
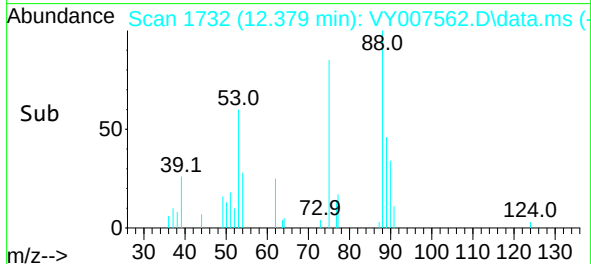
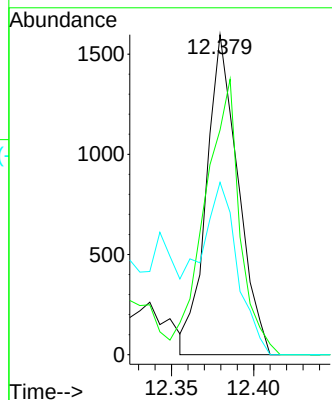
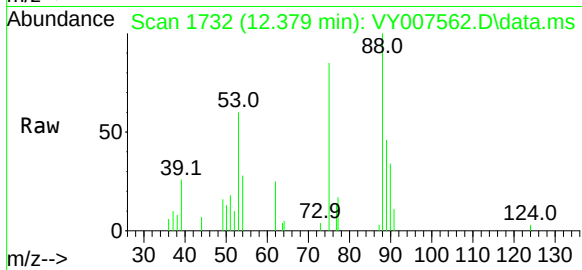




#81
trans-1,4-Dichloro-2-butene
Concen: 4.755 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

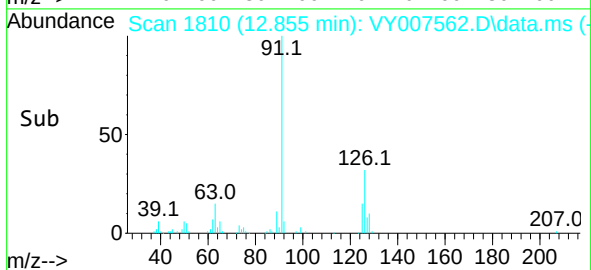
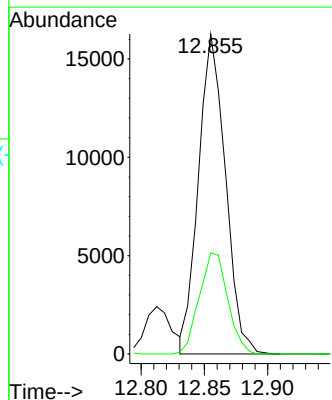
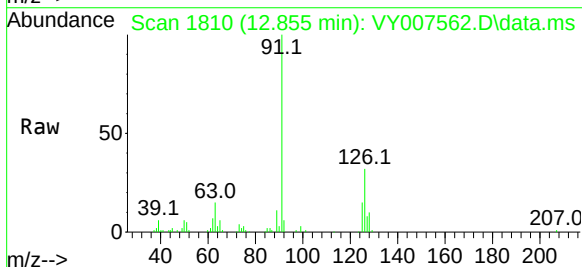
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

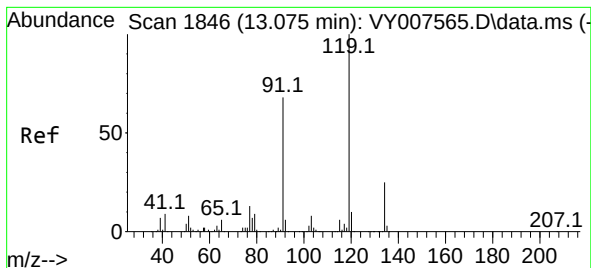
Tgt Ion: 75 Resp: 2138
Ion Ratio Lower Upper
75 100
53 94.4 85.3 127.9
89 65.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 4.903 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion: 91 Resp: 24109
Ion Ratio Lower Upper
91 100
126 33.3 17.0 51.0





#83

tert-Butylbenzene

Concen: 4.646 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY007562.D

Acq: 21 Feb 2022 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

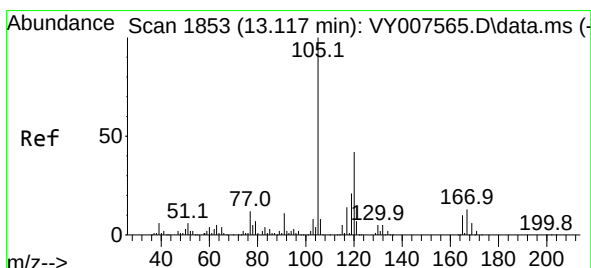
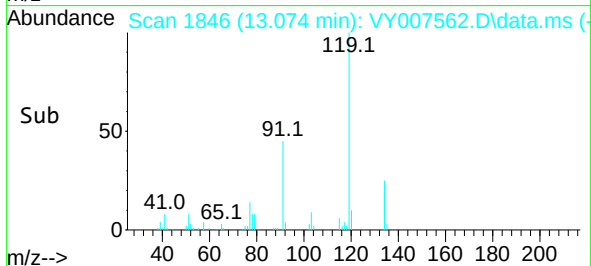
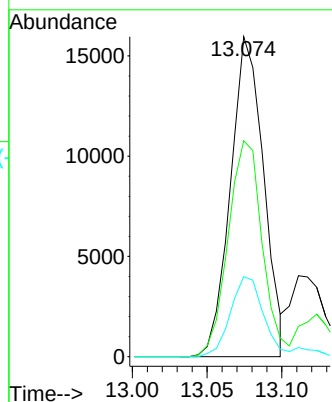
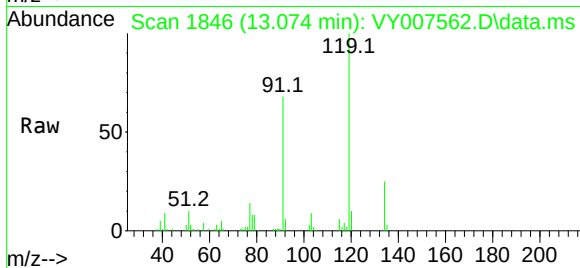
Tgt Ion:119 Resp: 24607

Ion Ratio Lower Upper

119 100

91 69.5 34.8 104.4

134 24.8 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 4.789 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY007562.D

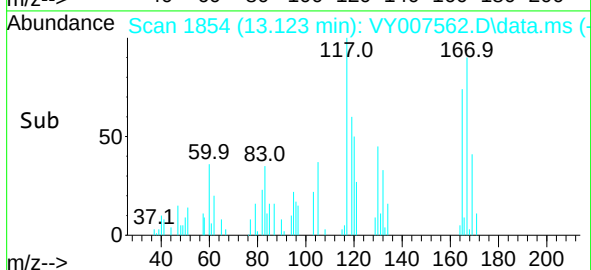
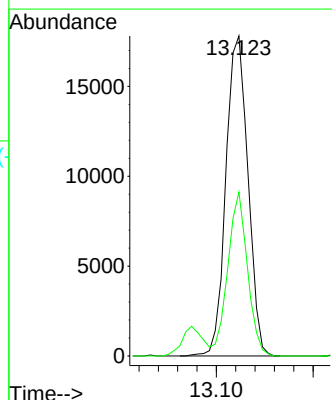
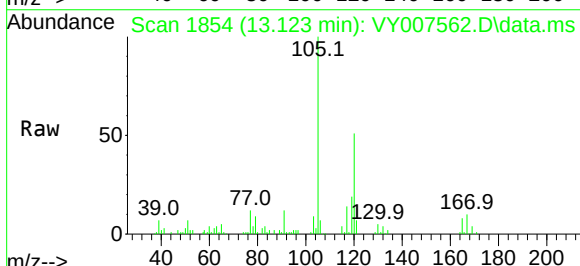
Acq: 21 Feb 2022 11:24

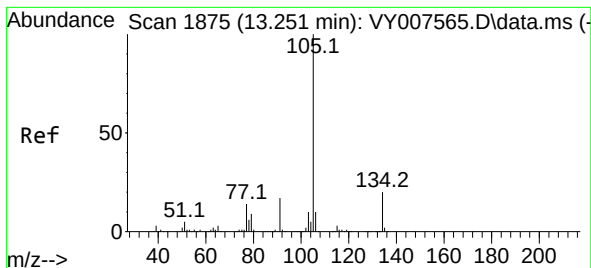
Tgt Ion:105 Resp: 28105

Ion Ratio Lower Upper

105 100

120 45.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 4.611 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY007562.D

Acq: 21 Feb 2022 11:24

Instrument :

MSVOA_Y

ClientSampleId :

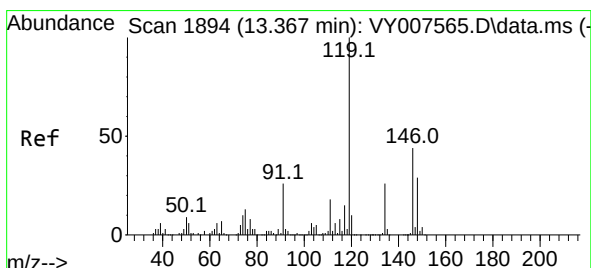
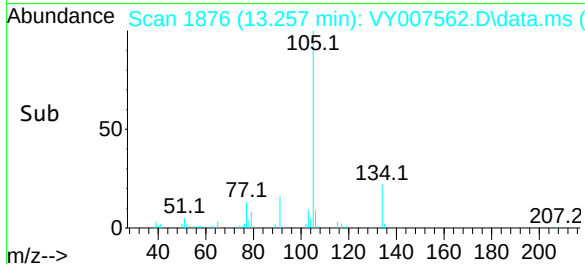
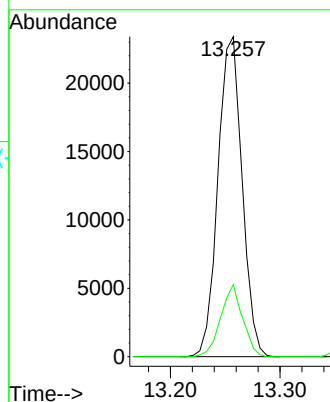
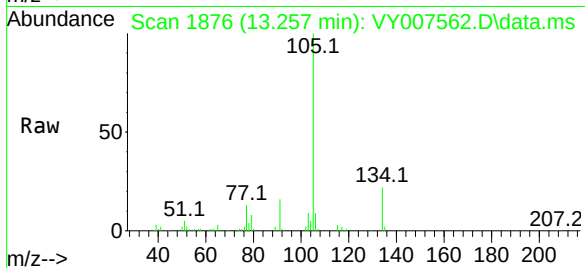
VSTDIC005

Tgt Ion:105 Resp: 35807

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 4.635 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY007562.D

Acq: 21 Feb 2022 11:24

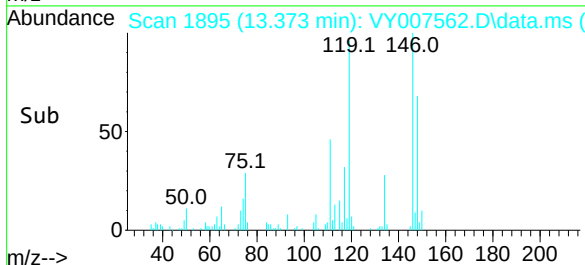
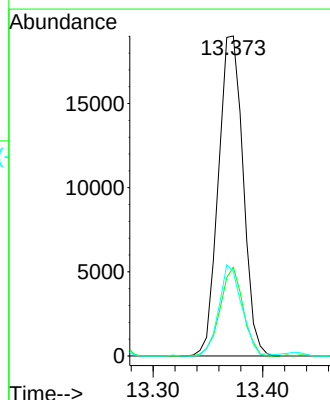
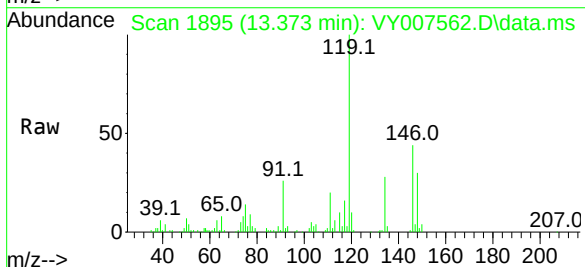
Tgt Ion:119 Resp: 29770

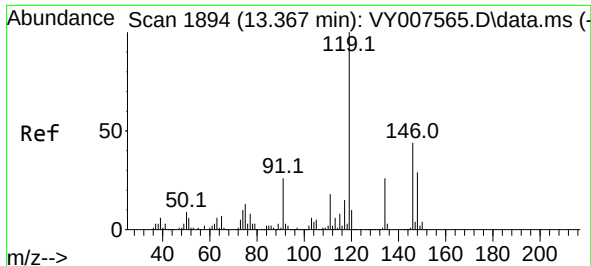
Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.5

91 26.6 12.4 37.2

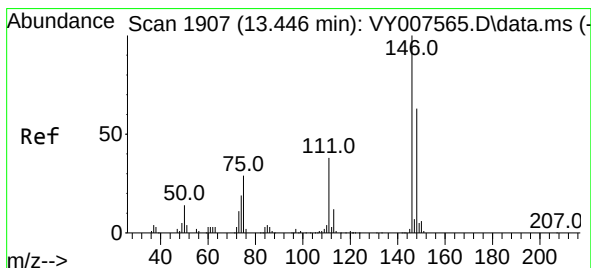
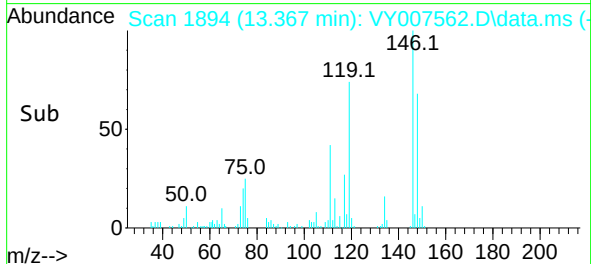
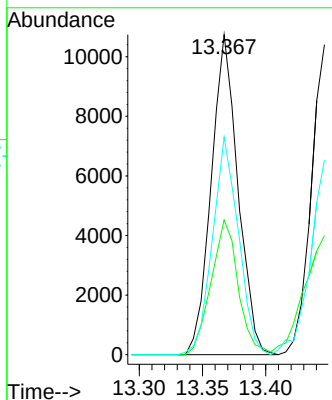
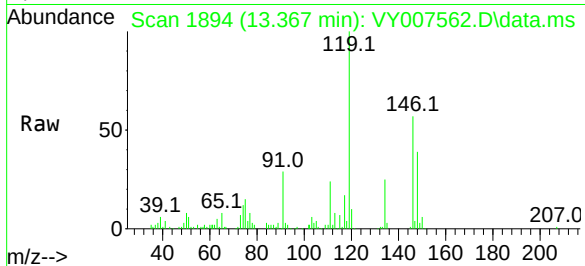




#87
1,3-Dichlorobenzene
Concen: 5.143 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

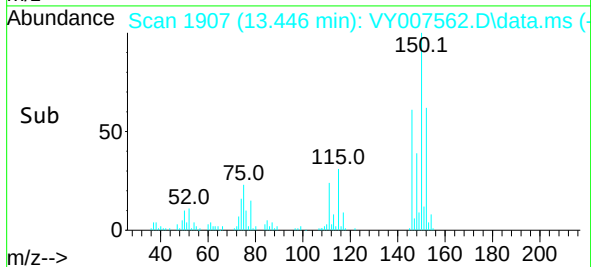
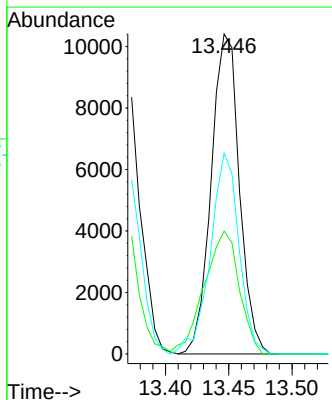
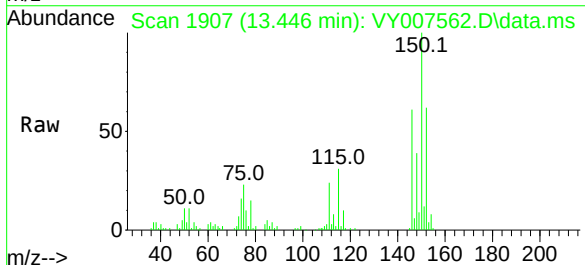
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

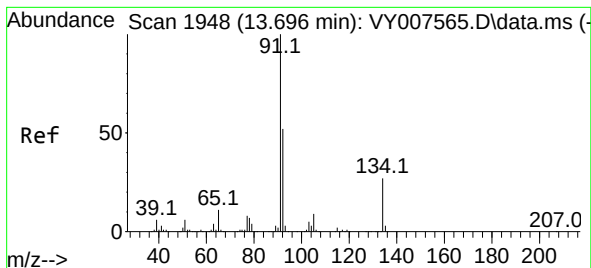
Tgt Ion:146 Resp: 15742
Ion Ratio Lower Upper
146 100
111 42.8 19.5 58.5
148 66.2 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 5.287 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion:146 Resp: 16111
Ion Ratio Lower Upper
146 100
111 47.6 19.3 57.8
148 63.8 32.6 97.8





#89

n-Butylbenzene

Concen: 4.404 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY007562.D

Acq: 21 Feb 2022 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

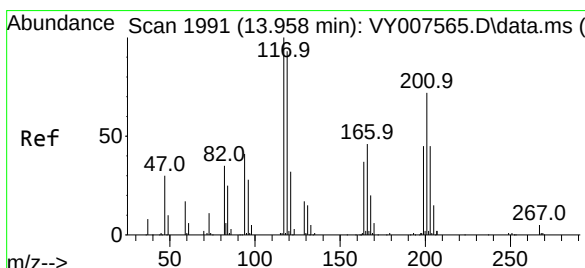
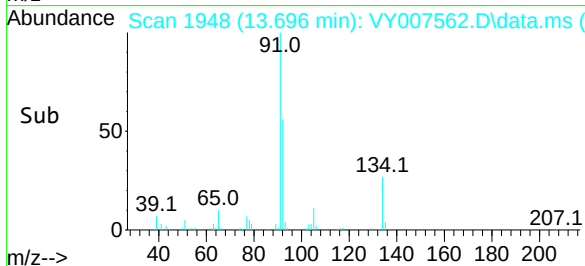
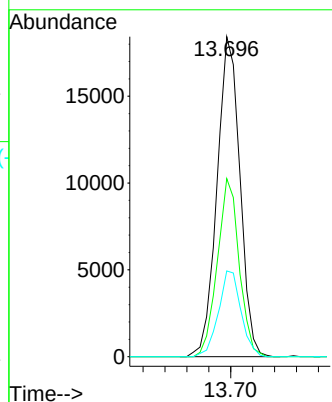
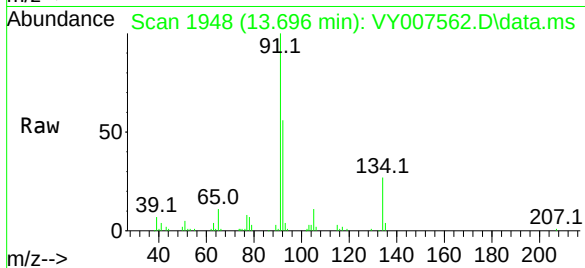
Tgt Ion: 91 Resp: 26775

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

134 26.4 13.0 38.9



#90

Hexachloroethane

Concen: 4.584 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY007562.D

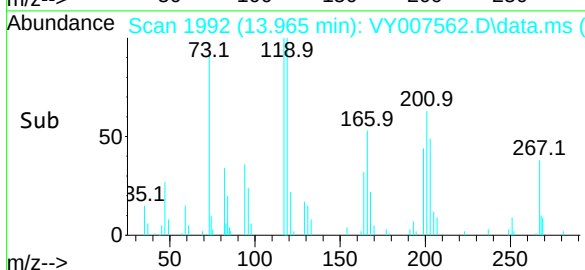
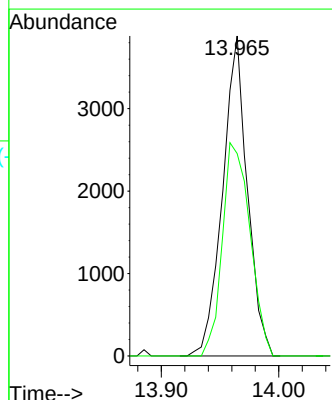
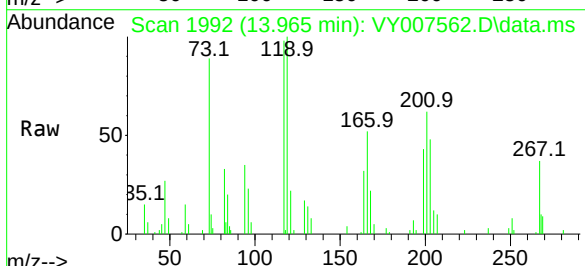
Acq: 21 Feb 2022 11:24

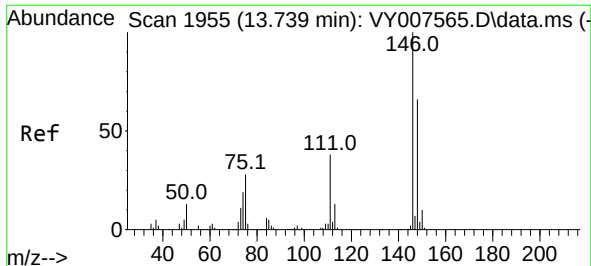
Tgt Ion: 117 Resp: 5690

Ion Ratio Lower Upper

117 100

201 74.4 43.0 128.8

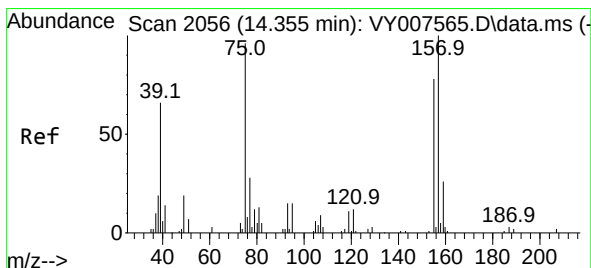
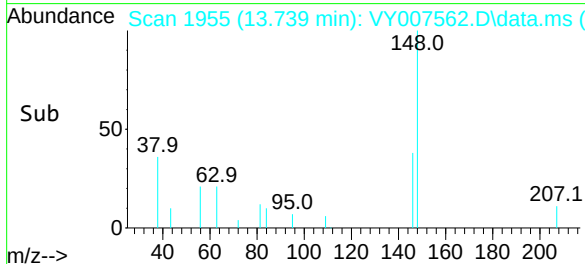
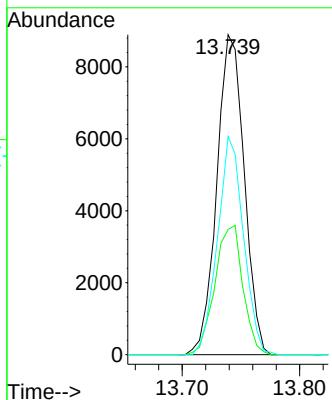
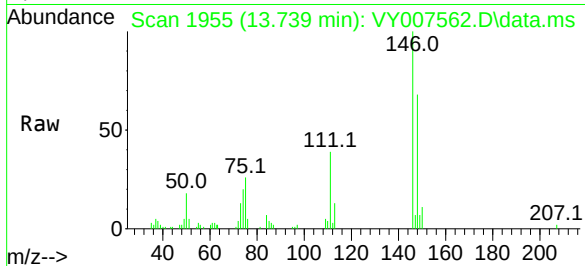




#91
1,2-Dichlorobenzene
Concen: 5.319 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

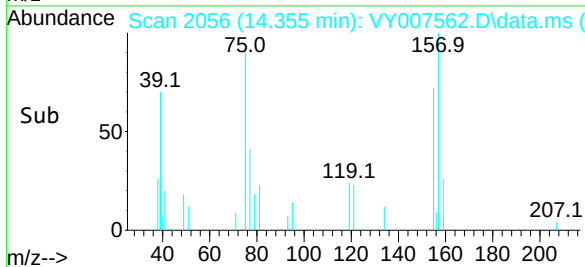
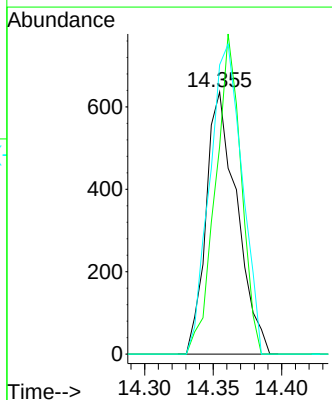
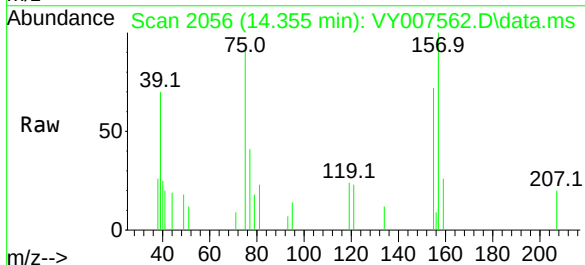
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

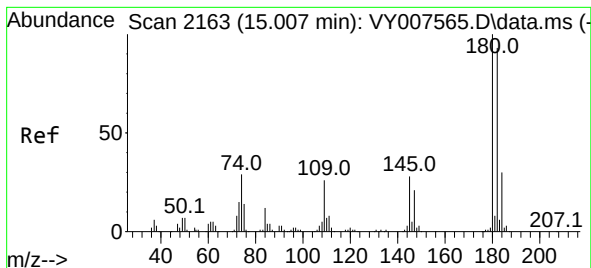
Tgt Ion:146 Resp: 14432
Ion Ratio Lower Upper
146 100
111 41.2 20.3 60.9
148 64.8 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.608 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY007562.D
Acq: 21 Feb 2022 11:24

Tgt Ion: 75 Resp: 996
Ion Ratio Lower Upper
75 100
155 101.3 38.0 113.9
157 124.6 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 5.331 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY007562.D

Acq: 21 Feb 2022 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

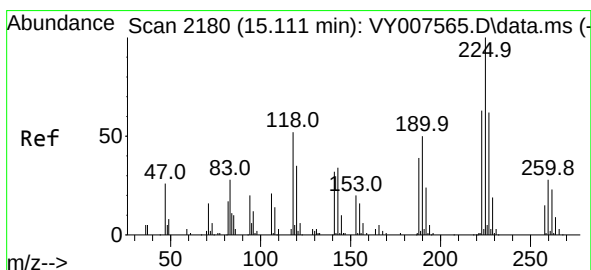
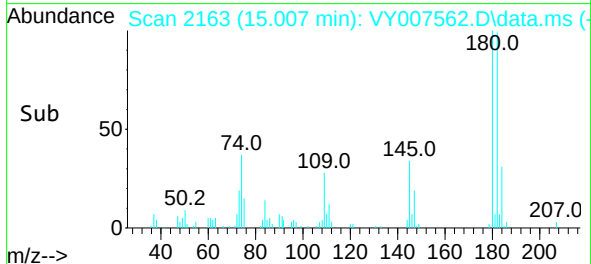
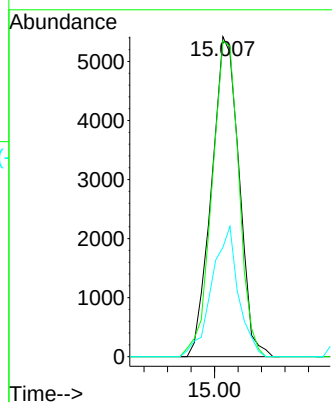
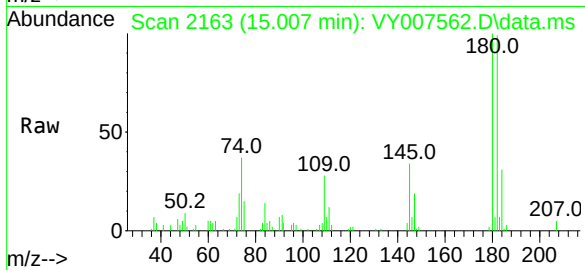
Tgt Ion:180 Resp: 8800

Ion Ratio Lower Upper

180 100

182 96.2 47.3 141.9

145 39.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 4.948 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY007562.D

Acq: 21 Feb 2022 11:24

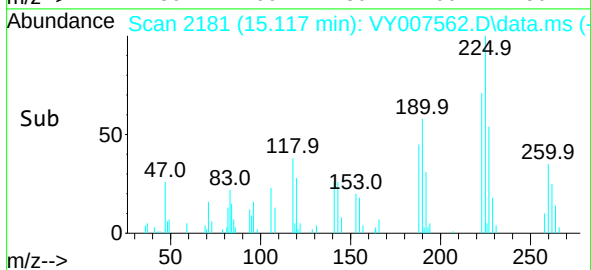
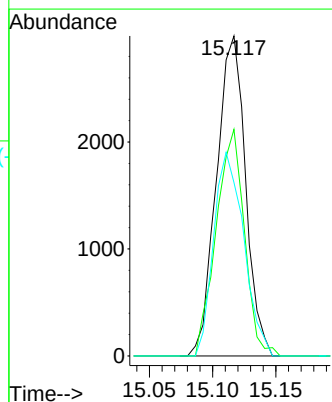
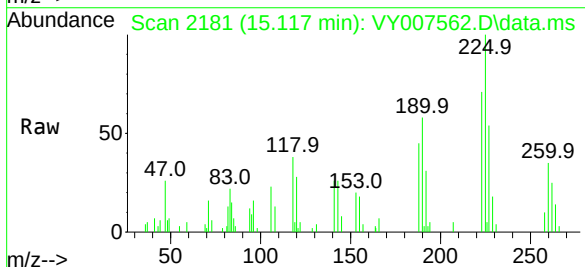
Tgt Ion:225 Resp: 4778

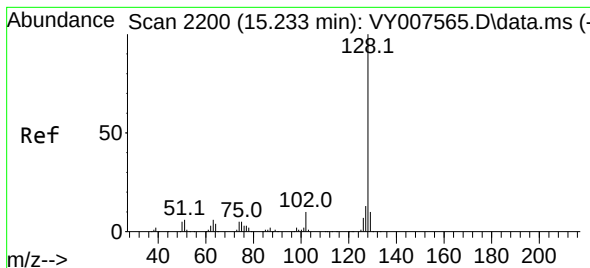
Ion Ratio Lower Upper

225 100

223 68.7 30.8 92.3

227 65.9 31.6 94.7





#95

Naphthalene

Concen: 5.419 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY007562.D

Acq: 21 Feb 2022 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

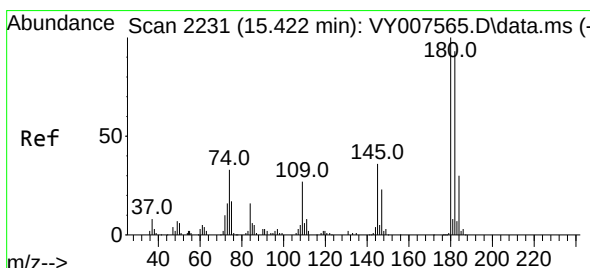
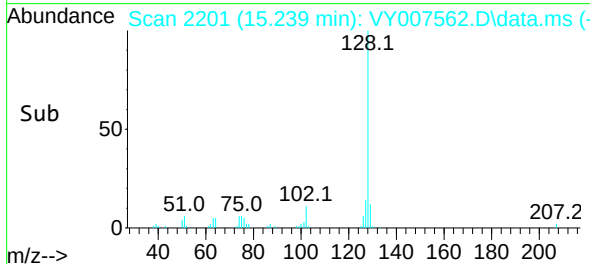
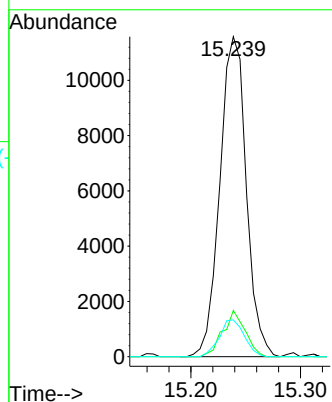
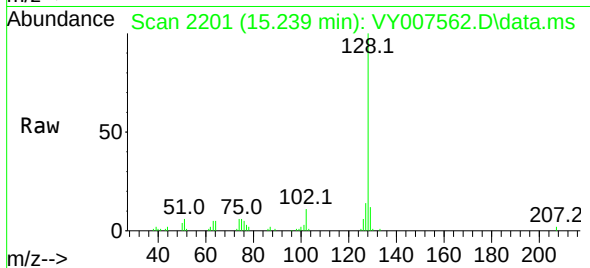
Tgt Ion:128 Resp: 19386

Ion Ratio Lower Upper

128 100

127 12.2 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 5.743 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY007562.D

Acq: 21 Feb 2022 11:24

Tgt Ion:180 Resp: 8205

Ion Ratio Lower Upper

180 100

182 88.7 47.3 141.9

145 35.0 15.3 45.9

