

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
 Data File : VY018336.D
 Acq On : 20 May 2024 15:39
 Operator : SY/MD
 Sample : P2511-04
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 665

Quant Time: May 21 01:26:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	88201	50.000	ug/l	# 0.02
34) 1,4-Difluorobenzene	8.691	114	194634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	68270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	14461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51584	79.499	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	159.000%
35) Dibromofluoromethane	7.716	113	61773	60.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.780%
50) Toluene-d8	10.185	98	175021	43.421	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.840%
62) 4-Bromofluorobenzene	12.477	95	16901	12.984	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	25.960%#
Target Compounds						
						Qvalue
8) Diethyl Ether	3.528	74	1753	4.005	ug/l	# 33
9) 1,1,2-Trichlorotrifluo...	3.960	101	30567	36.075	ug/l	# 19
11) Tert butyl alcohol	4.948	59	44238	801.829	ug/l	# 80
15) Acrylonitrile	5.168	53	470	2.792	ug/l	# 59
17) Carbon Disulfide	4.162	76	71589	30.829	ug/l	95
18) Methyl Acetate	4.466	43	95592	259.158	ug/l	# 88
19) Methyl tert-butyl Ether	5.210	73	39895	20.996	ug/l	# 1
20) Methylene Chloride	4.704	84	13746	15.019	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	22950	25.382	ug/l	88
25) 2-Butanone	6.978	43	208524	1007.431	ug/l	# 67
29) Tetrahydrofuran	7.527	42	167787	1228.046	ug/l	# 1
30) Chloroform	7.527	83	7850	5.304	ug/l	# 1
31) Cyclohexane	7.783	56	5141525	4254.503	ug/l	# 46
36) 1,1-Dichloropropene	7.880	75	3065	2.090	ug/l	# 1
37) Ethyl Acetate	7.070	43	16910	27.399	ug/l	# 94
38) Carbon Tetrachloride	7.807	117	10091	6.298	ug/l	# 17
39) Methylcyclohexane	9.185	83	4369594	2065.523	ug/l	# 88
40) Benzene	8.161	78	91879	19.479	ug/l	97
41) Methacrylonitrile	7.527	41	1072653	3009.701	ug/l	# 41
42) 1,2-Dichloroethane	8.271	62	26121	25.452	ug/l	# 1
43) Isopropyl Acetate	8.271	43	9471851	7487.200	ug/l	# 47
45) 1,2-Dichloropropane	9.240	63	3135	3.040	ug/l	# 1
47) Bromodichloromethane	9.368	83	107887	73.615	ug/l	# 26
48) Methyl methacrylate	9.289	41	117529	202.706	ug/l	# 87
49) 1,4-Dioxane	9.209	88	20	2.542	ug/l	# 20
51) 4-Methyl-2-Pentanone	10.081	43	354153	556.989	ug/l	92
53) t-1,3-Dichloropropene	10.246	75	356671	260.548	ug/l	# 1
55) 1,1,2-Trichloroethane	10.618	97	71154	87.372	ug/l	# 19
56) Ethyl methacrylate	10.520	69	16251	14.693	ug/l	# 33
58) 2-Chloroethyl Vinyl ether	9.764	63	1052	1.992	ug/l	# 45
59) 2-Hexanone	10.801	43	38465	86.520	ug/l	# 19
64) Tetrachloroethene	10.727	164	583	1.283	ug/l	# 71
67) Ethyl Benzene	11.593	91	140461	59.830	ug/l	94
68) m/p-Xylenes	11.697	106	125603	135.291	ug/l	99
69) o-Xylene	12.026	106	33964	38.121	ug/l	98
70) Styrene	12.038	104	2634	1.770	ug/l	# 1

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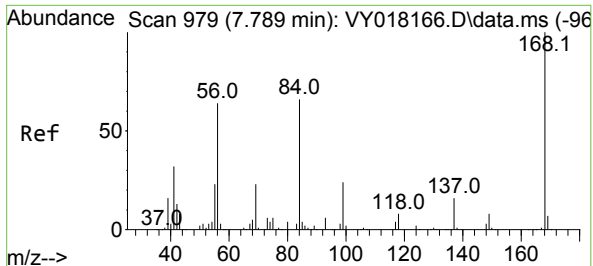
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

73) Isopropylbenzene	12.331	105	9100	8.393	ug/l	98
74) N-amyl acetate	12.160	43	769	3.417	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.605	83	1106	6.395	ug/l #	26
76) 1,2,3-Trichloropropane	12.721	75	440	3.801	ug/l #	100
78) n-propylbenzene	12.672	91	15731	12.474	ug/l	99
79) 2-Chlorotoluene	12.812	91	2048	2.922	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	15995	18.709	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.483	75	7990	132.993	ug/l #	19
82) 4-Chlorotoluene	12.812	91	2048	2.909	ug/l	98
83) tert-Butylbenzene	13.312	119	5909	7.493	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	47098	56.238	ug/l	99
85) sec-Butylbenzene	13.251	105	4626	3.999	ug/l #	53
86) p-Isopropyltoluene	13.367	119	11999	12.609	ug/l	93
89) n-Butylbenzene	13.696	91	6042	7.016	ug/l #	72
90) Hexachloroethane	13.971	117	2376	12.727	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.349	75	56	2.378	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.080	180	256	1.101	ug/l	84
95) Naphthalene	15.239	128	3492	8.199	ug/l #	95

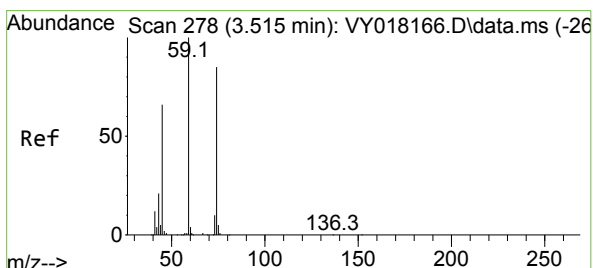
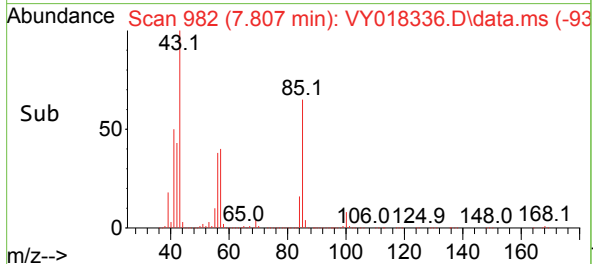
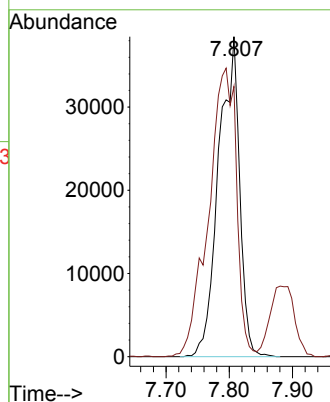
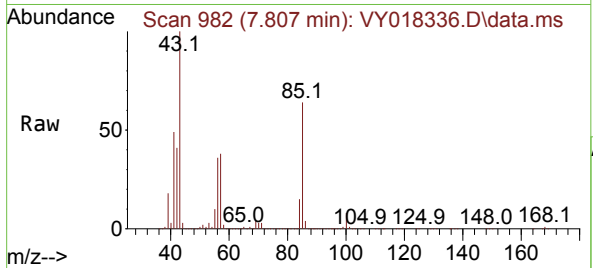
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY018336.D
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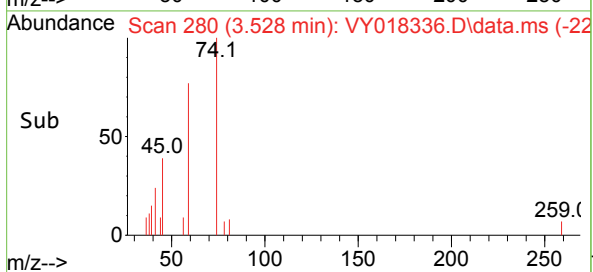
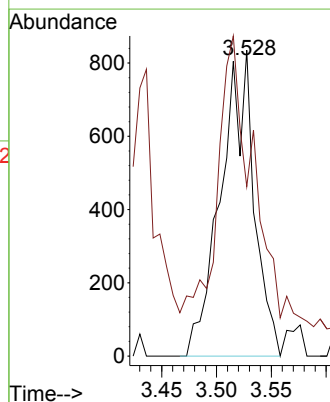
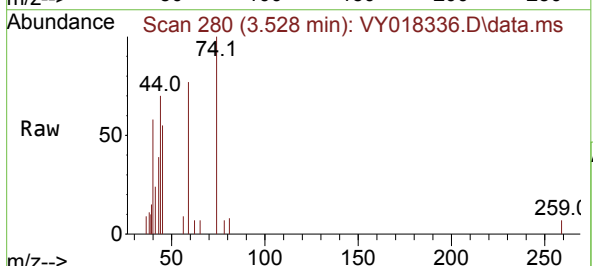
Instrument :
MSVOA_Y
ClientSampleId :
665

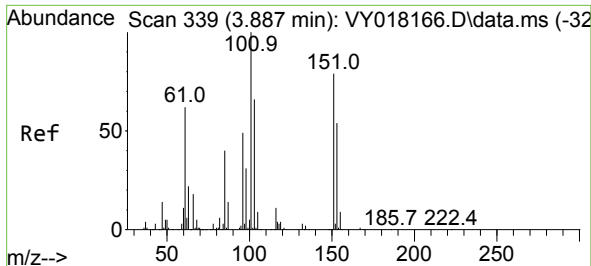
Tgt Ion:168 Resp: 88201
Ion Ratio Lower Upper
168 100
99 83.5 39.1 58.7#



#8
Diethyl Ether
Concen: 4.005 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.012 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

Tgt Ion: 74 Resp: 1753
Ion Ratio Lower Upper
74 100
45 142.6 41.3 124.1#

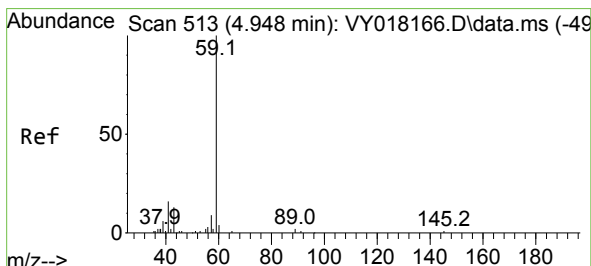
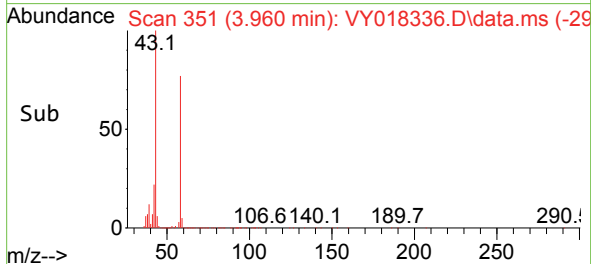
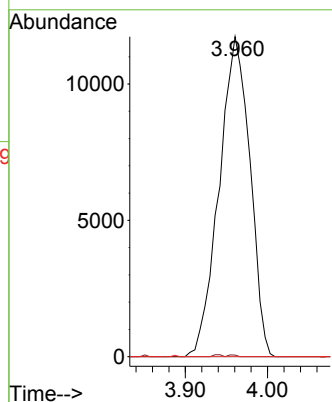
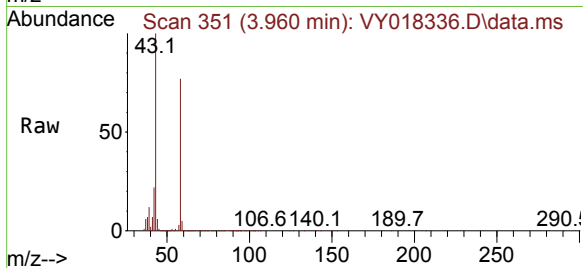




#9
1,1,2-Trichlorotrifluoroethane
Concen: 36.075 ug/l
RT: 3.960 min Scan# 306
Delta R.T. 0.073 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

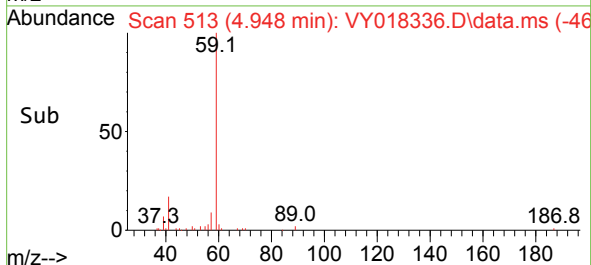
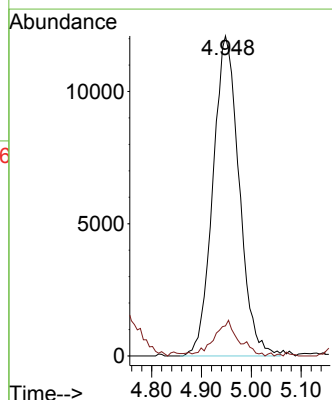
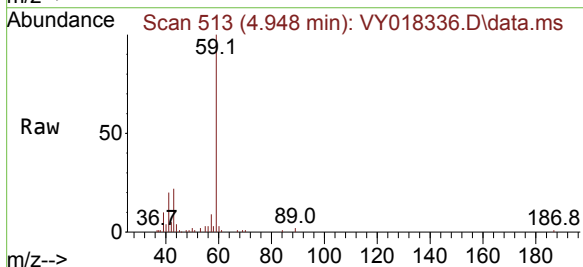
Instrument :
MSVOA_Y
ClientSampleId :
665

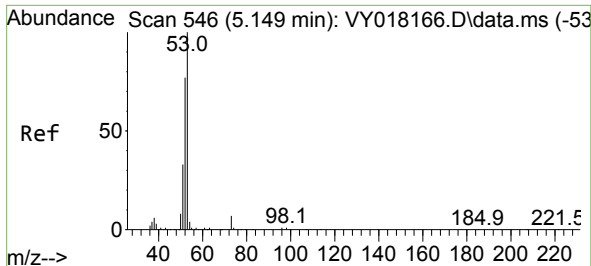
Tgt Ion:101 Resp: 30567
Ion Ratio Lower Upper
101 100
85 0.1 34.5 51.7#
151 0.0 61.7 92.5#



#11
Tert butyl alcohol
Concen: 801.829 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

Tgt Ion: 59 Resp: 44238
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.6#

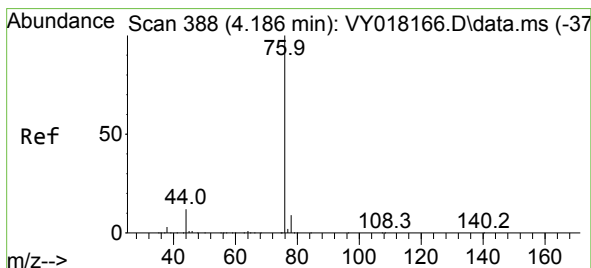
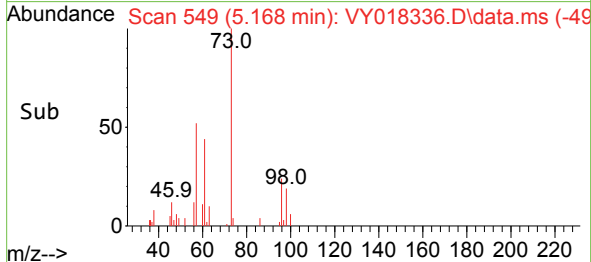
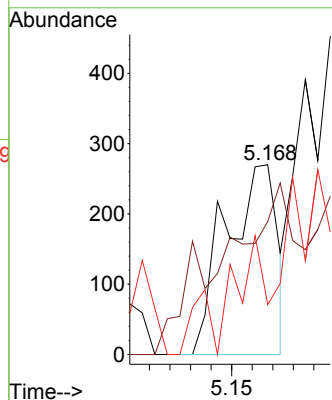
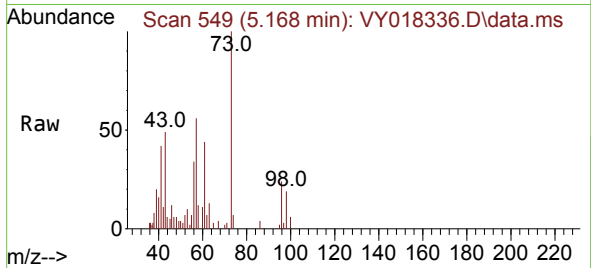




#15
Acrylonitrile
Concen: 2.792 ug/l
RT: 5.168 min Scan# 546
Delta R.T. 0.018 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

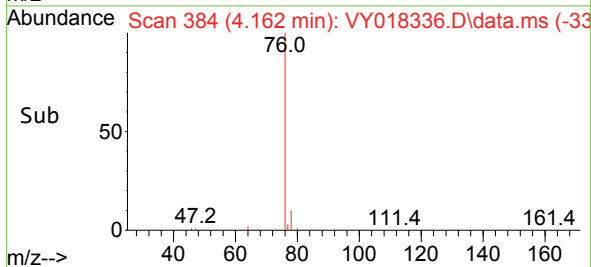
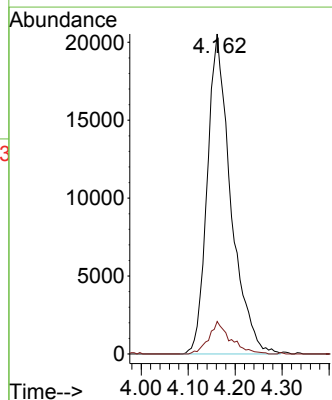
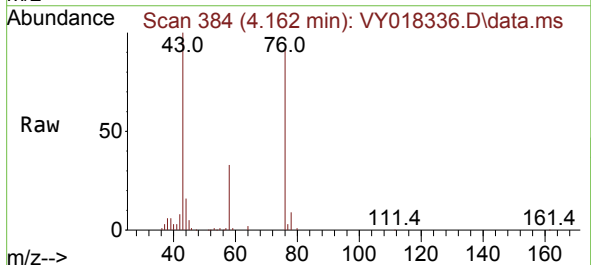
Instrument :
MSVOA_Y
ClientSampleId :
665

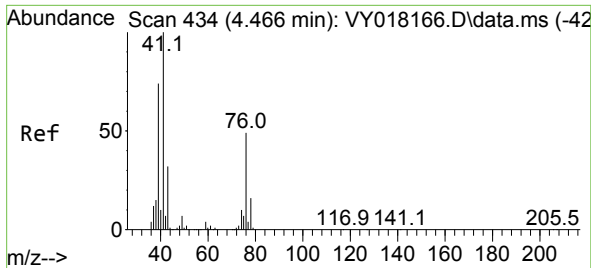
Tgt Ion: 53 Resp: 470
Ion Ratio Lower Upper
53 100
52 132.3 64.7 97.1#
51 34.3 28.4 42.6



#17
Carbon Disulfide
Concen: 30.829 ug/l
RT: 4.162 min Scan# 384
Delta R.T. -0.024 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

Tgt Ion: 76 Resp: 71589
Ion Ratio Lower Upper
76 100
78 10.2 6.8 10.2





#18

Methyl Acetate

Concen: 259.158 ug/l

RT: 4.466 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY018336.D

Acq: 20 May 2024 15:39

Instrument :

MSVOA_Y

ClientSampleId :

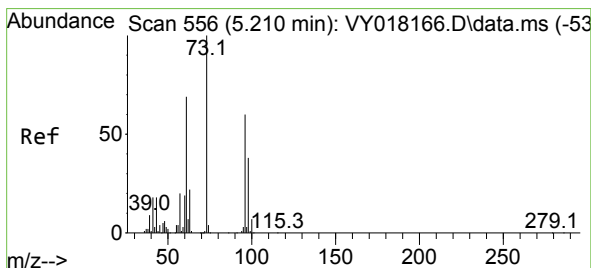
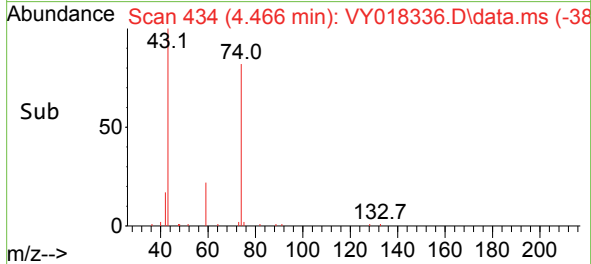
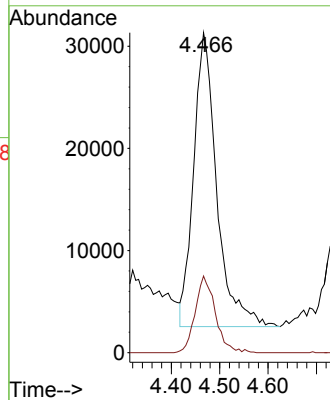
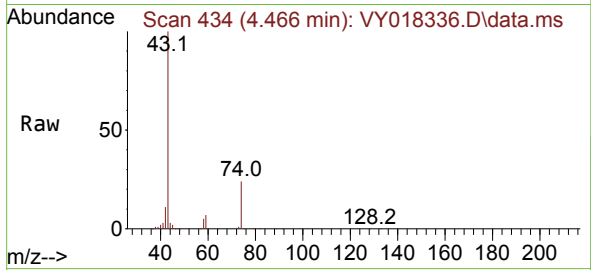
665

Tgt Ion: 43 Resp: 95592

Ion Ratio Lower Upper

43 100

74 22.7 23.3 34.9#



#19

Methyl tert-butyl Ether

Concen: 20.996 ug/l

RT: 5.210 min Scan# 556

Delta R.T. 0.000 min

Lab File: VY018336.D

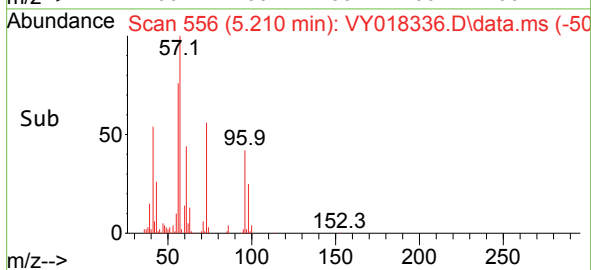
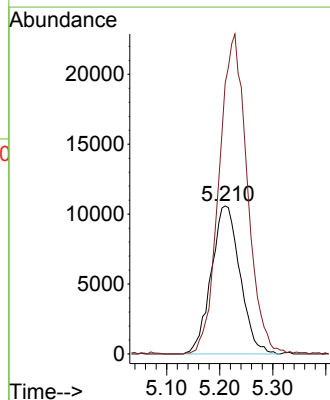
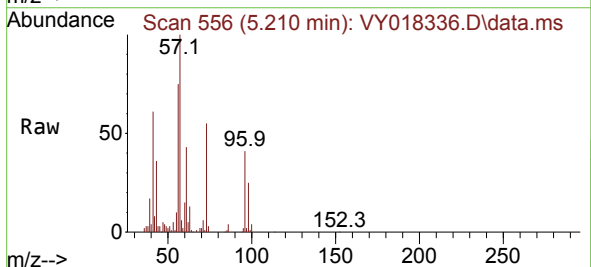
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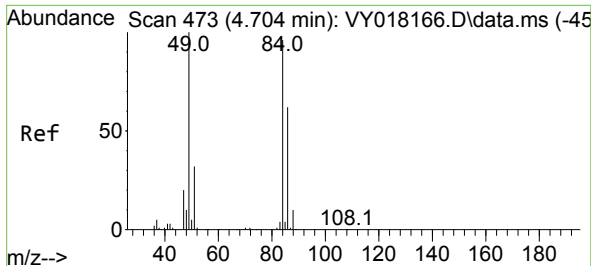
Tgt Ion: 73 Resp: 39895

Ion Ratio Lower Upper

73 100

57 182.8 17.3 25.9#





#20

Methylene Chloride

Concen: 15.019 ug/l

RT: 4.704 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY018336.D

Acq: 20 May 2024 15:39

Instrument :

MSVOA_Y

ClientSampleId :

665

Tgt Ion: 84 Resp: 13746

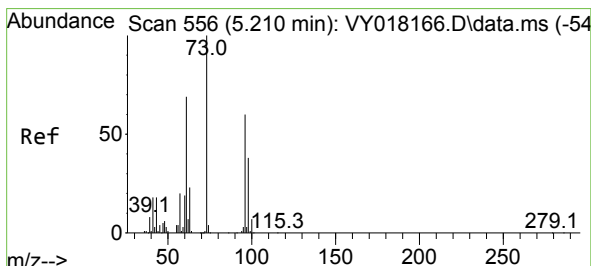
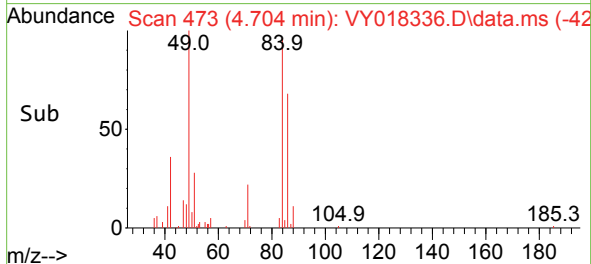
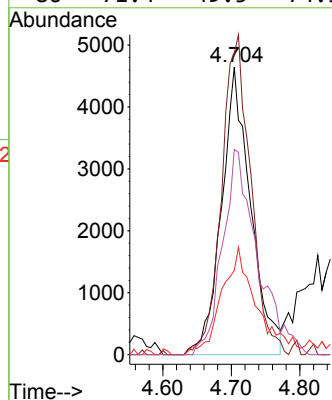
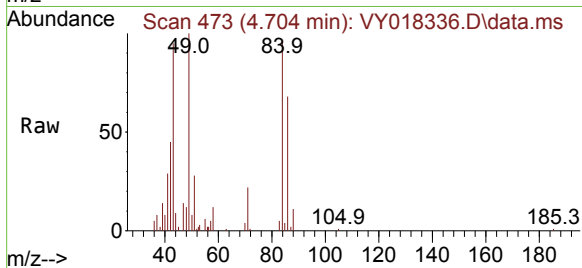
Ion Ratio Lower Upper

84 100

49 104.7 84.4 126.6

51 29.3 26.0 39.0

86 71.4 49.5 74.3



#21

trans-1,2-Dichloroethene

Concen: 25.382 ug/l

RT: 5.210 min Scan# 556

Delta R.T. 0.000 min

Lab File: VY018336.D

Acq: 20 May 2024 15:39

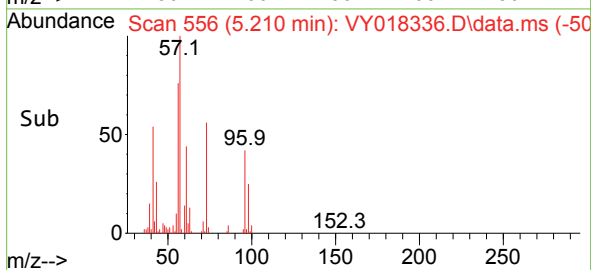
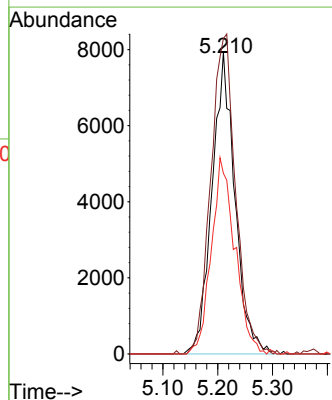
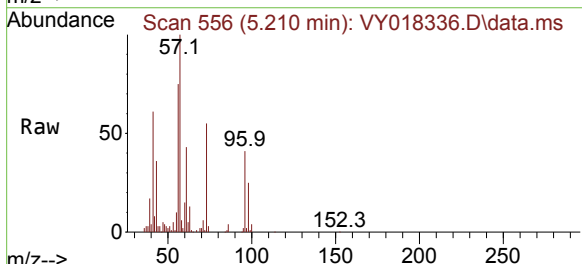
Tgt Ion: 96 Resp: 22950

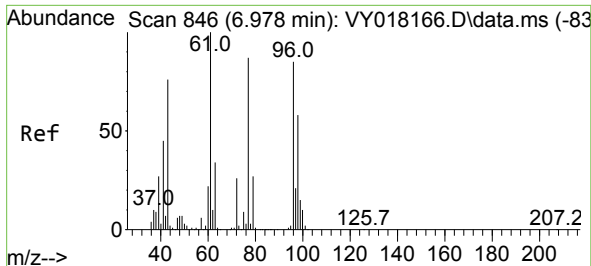
Ion Ratio Lower Upper

96 100

61 104.4 97.5 146.3

98 59.8 50.5 75.7

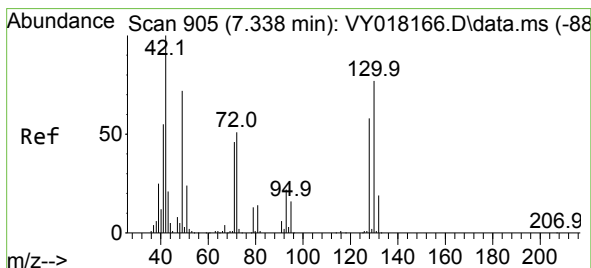
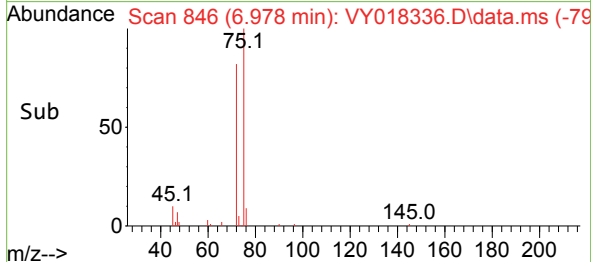
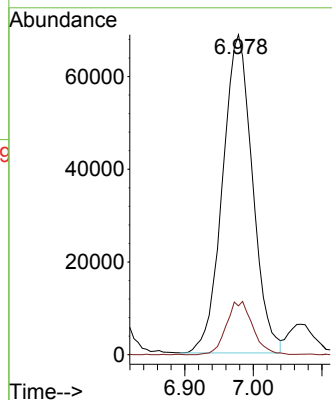
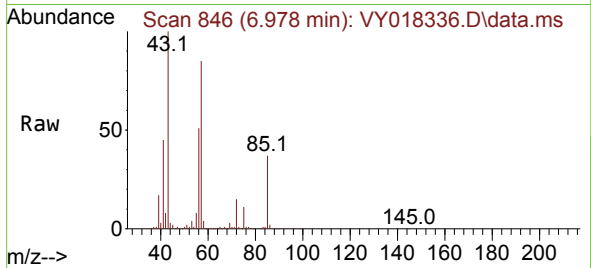




#25
2-Butanone
Concen: 1007.431 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

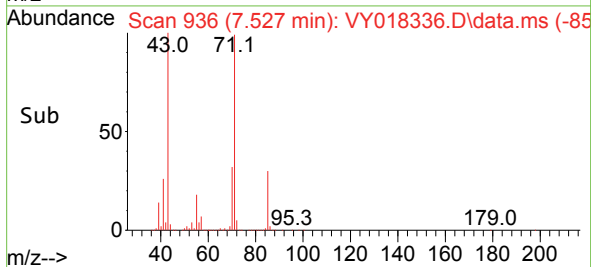
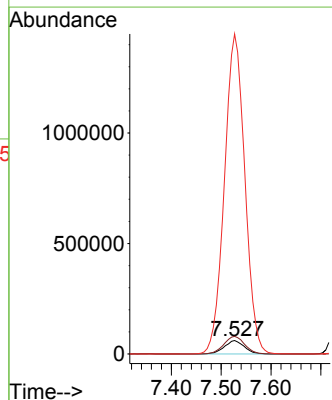
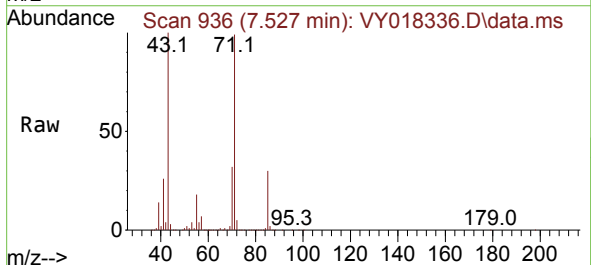
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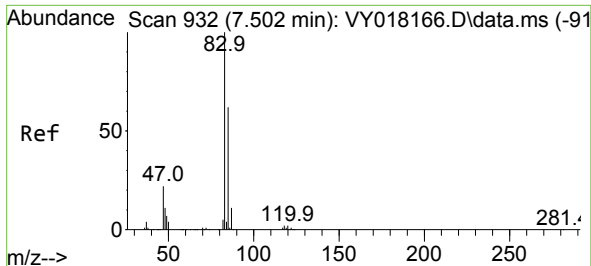
Tgt Ion: 43 Resp: 208524
Ion Ratio Lower Upper
43 100
72 15.3 27.3 40.9#



#29
Tetrahydrofuran
Concen: 1228.046 ug/l
RT: 7.527 min Scan# 936
Delta R.T. 0.189 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

Tgt Ion: 42 Resp: 167787
Ion Ratio Lower Upper
42 100
72 137.9 43.0 64.4#
71 2457.6 40.8 61.2#

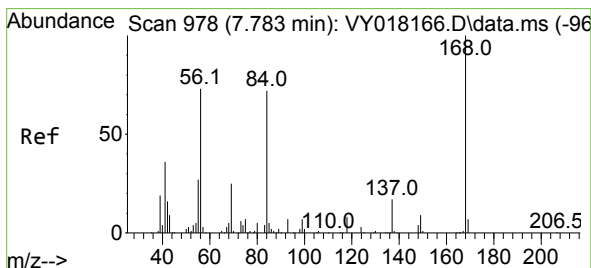
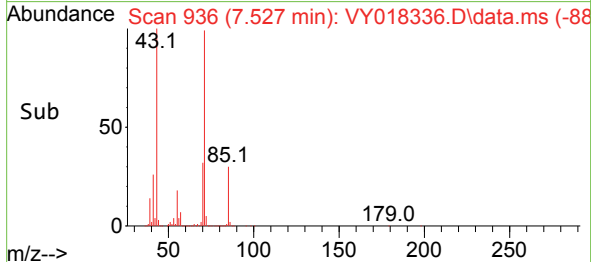
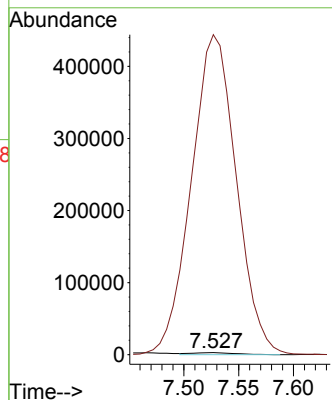
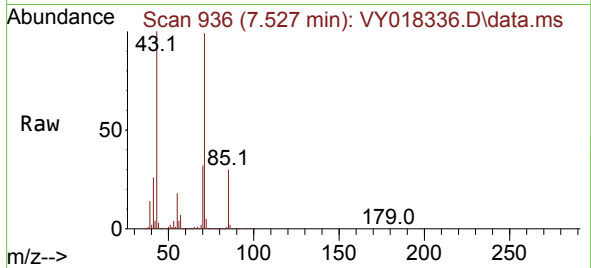




#30
Chloroform
Concen: 5.304 ug/l
RT: 7.527 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

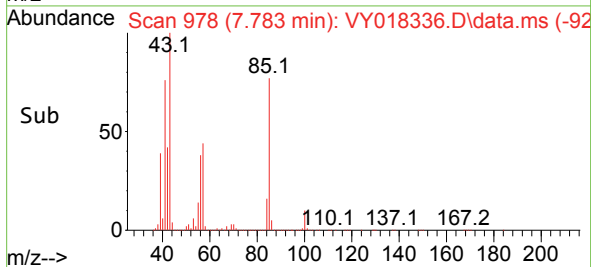
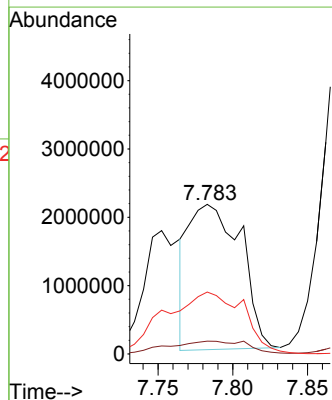
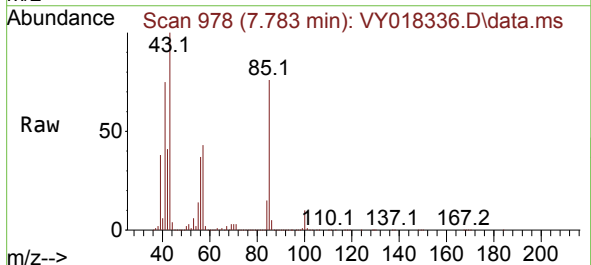
Instrument :
MSVOA_Y
ClientSampleId :
665

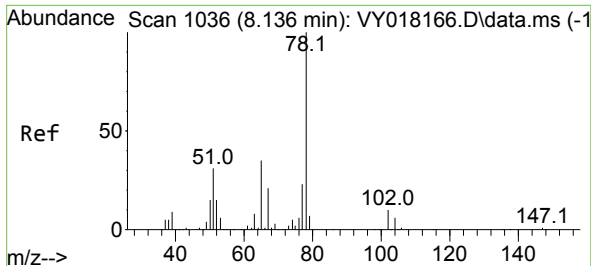
Tgt Ion: 83 Resp: 7850
Ion Ratio Lower Upper
83 100
85 15271.7 52.2 78.4#



#31
Cyclohexane
Concen: 4254.503 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

Tgt Ion: 56 Resp: 5141525
Ion Ratio Lower Upper
56 100
69 8.2 28.7 43.1#
84 41.2 77.7 116.5#

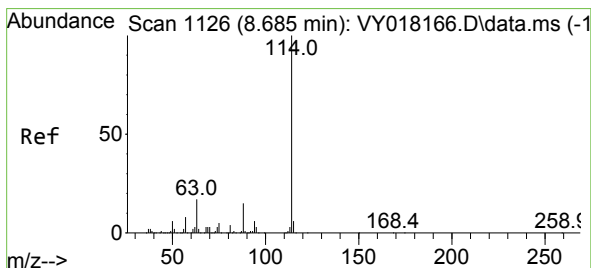
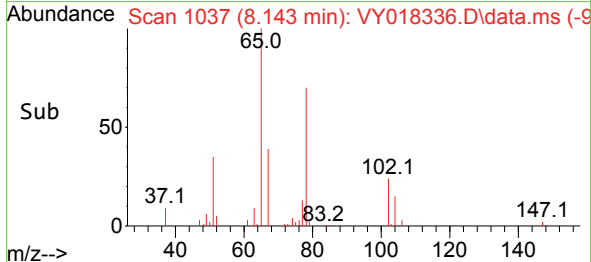
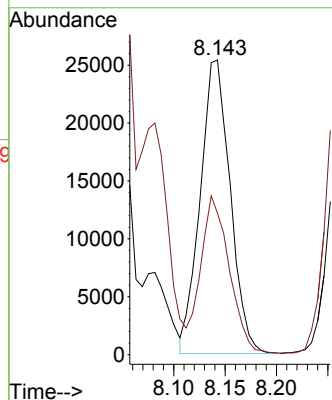
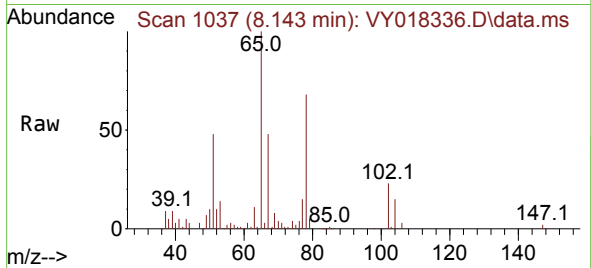




#33
 1,2-Dichloroethane-d4
 Concen: 79.499 ug/l
 RT: 8.143 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VY018336.D
 Acq: 20 May 2024 15:39

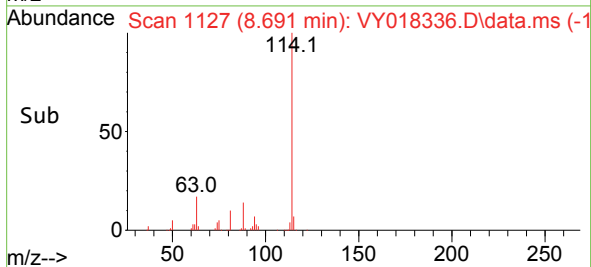
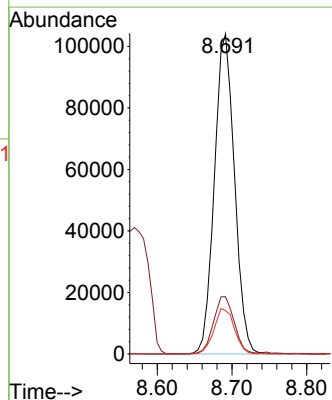
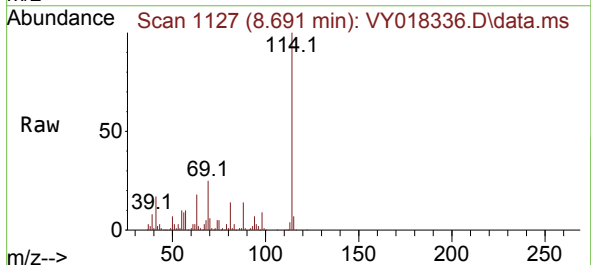
Instrument :
 MSVOA_Y
 ClientSampleId :
 665

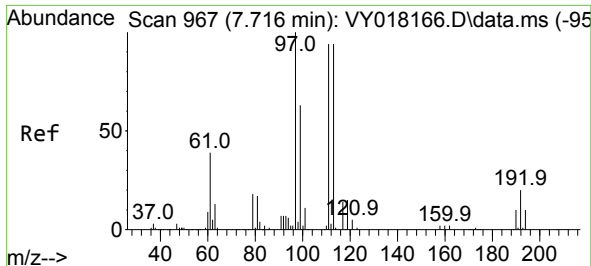
Tgt Ion: 65 Resp: 51584
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY018336.D
 Acq: 20 May 2024 15:39

Tgt Ion: 114 Resp: 194634
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.0
 88 13.5 0.0 27.2

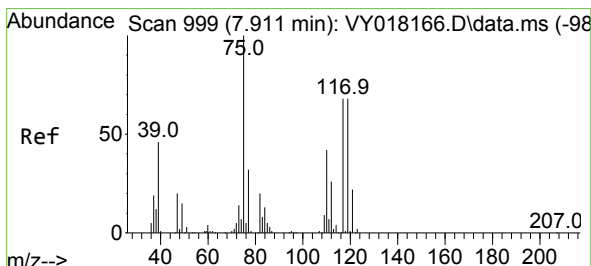
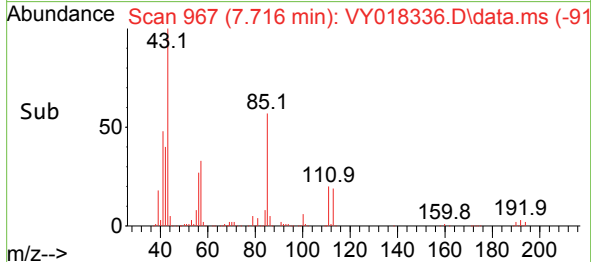
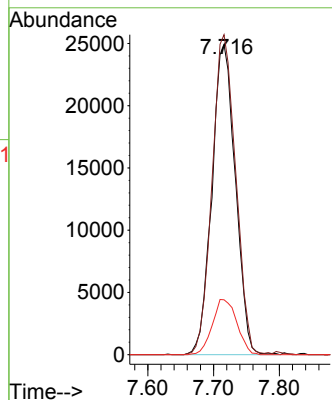
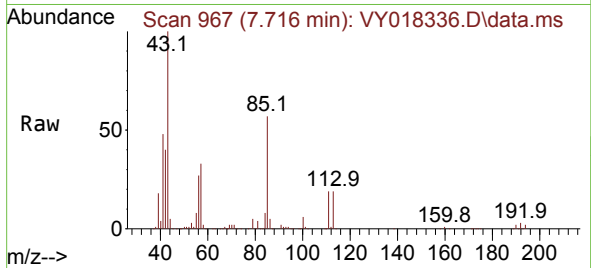




#35
Dibromofluoromethane
Concen: 60.391 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

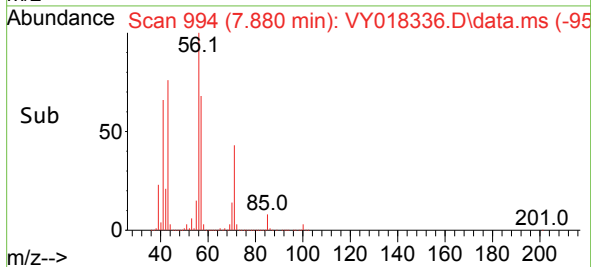
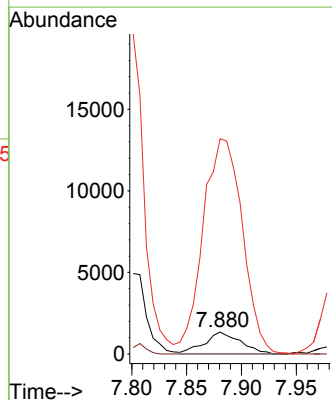
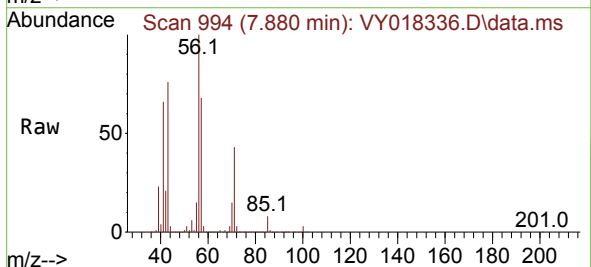
Instrument :
MSVOA_Y
ClientSampleId :
665

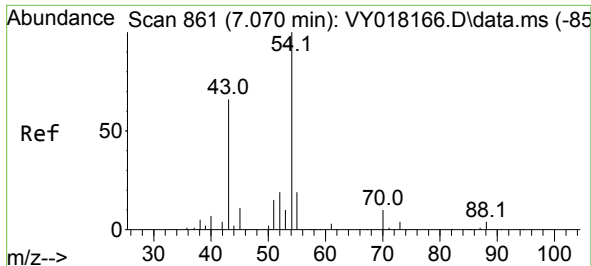
Tgt Ion:113 Resp: 61773
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 18.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 2.090 ug/l
RT: 7.880 min Scan# 994
Delta R.T. -0.030 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

Tgt Ion: 75 Resp: 3065
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 1078.7 25.3 37.9#





#37

Ethyl Acetate

Concen: 27.399 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY018336.D

Acq: 20 May 2024 15:39

Instrument :

MSVOA_Y

ClientSampleId :

665

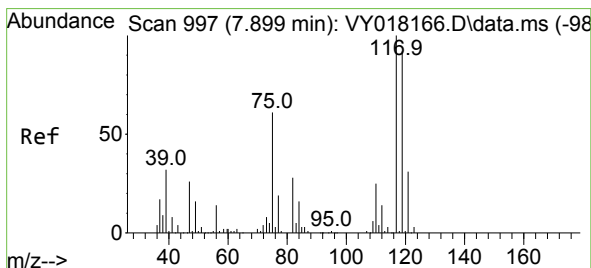
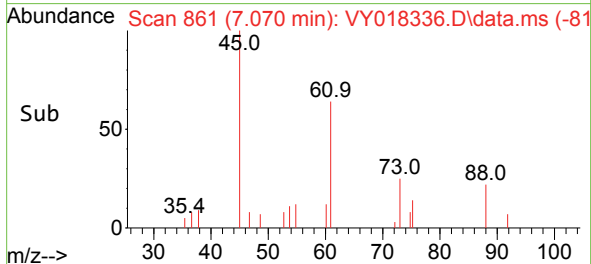
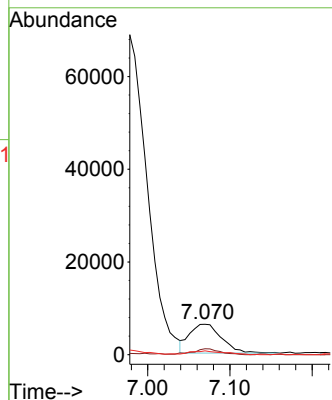
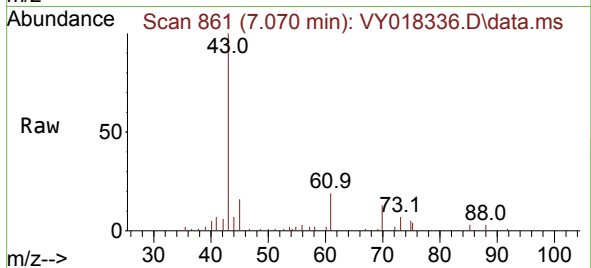
Tgt Ion: 43 Resp: 16910

Ion Ratio Lower Upper

43 100

61 16.9 12.6 19.0

70 14.4 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 6.298 ug/l

RT: 7.807 min Scan# 982

Delta R.T. -0.091 min

Lab File: VY018336.D

Acq: 20 May 2024 15:39

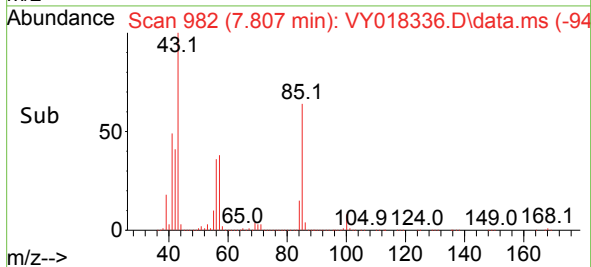
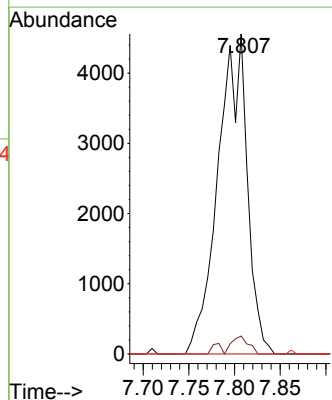
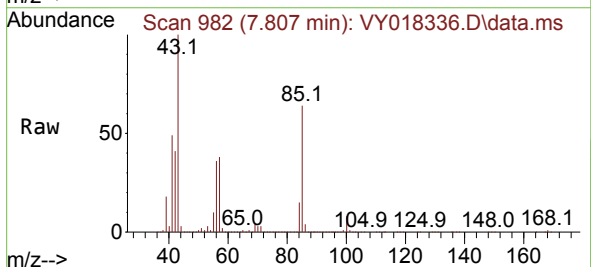
Tgt Ion: 117 Resp: 10091

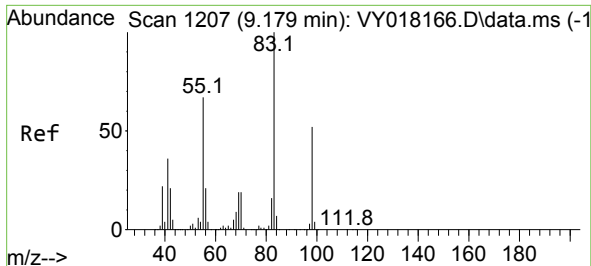
Ion Ratio Lower Upper

117 100

119 5.6 75.8 113.6#

121 0.0 24.0 36.0#





#39

Methylcyclohexane

Concen: 2065.523 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018336.D

Acq: 20 May 2024 15:39

Instrument :

MSVOA_Y

ClientSampleId :

665

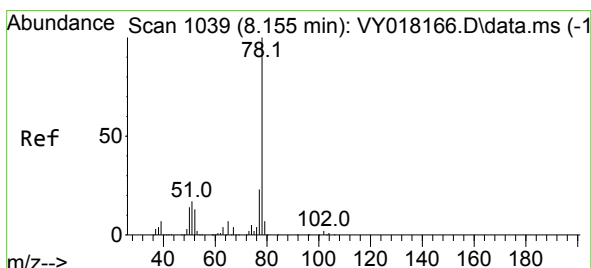
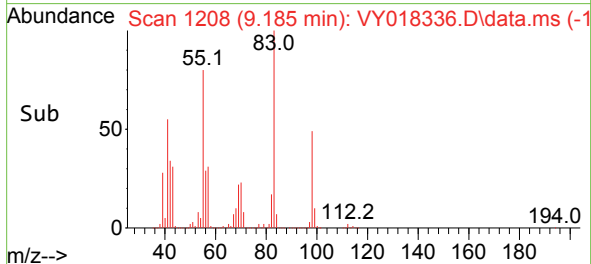
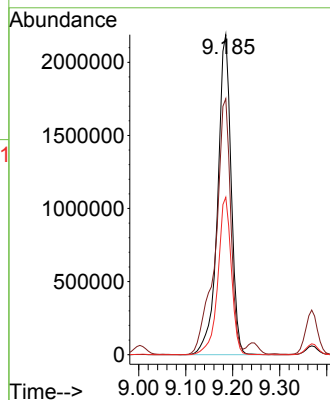
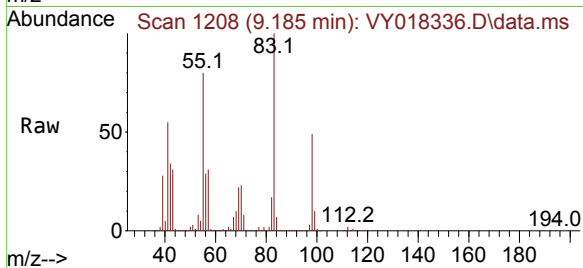
Tgt Ion: 83 Resp: 4369594

Ion Ratio Lower Upper

83 100

55 80.0 51.5 77.3#

98 49.2 40.5 60.7



#40

Benzene

Concen: 19.479 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY018336.D

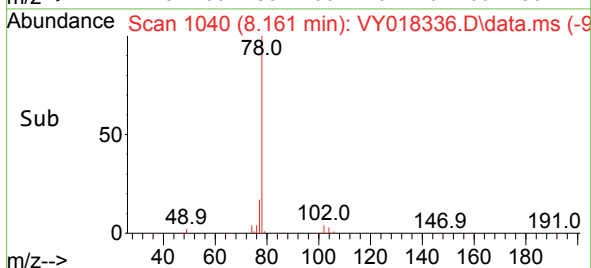
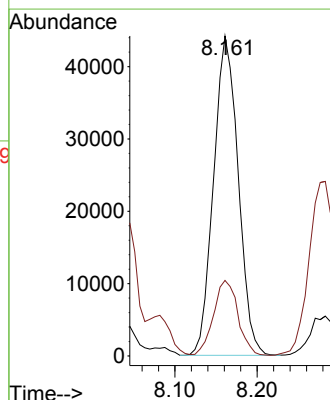
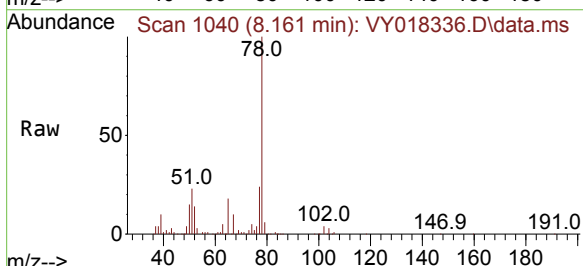
Acq: 20 May 2024 15:39

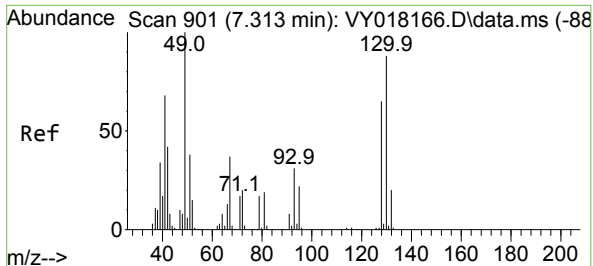
Tgt Ion: 78 Resp: 91879

Ion Ratio Lower Upper

78 100

77 23.0 19.5 29.3

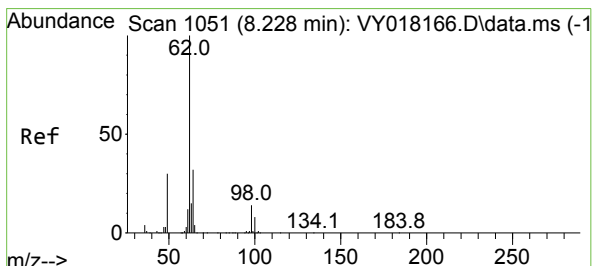
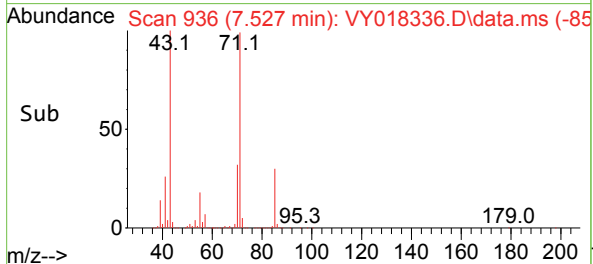
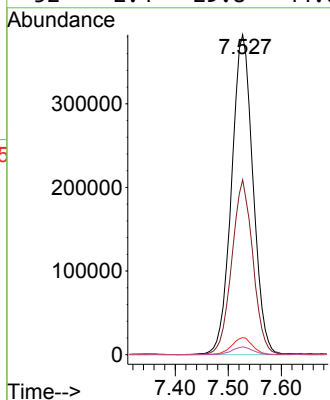
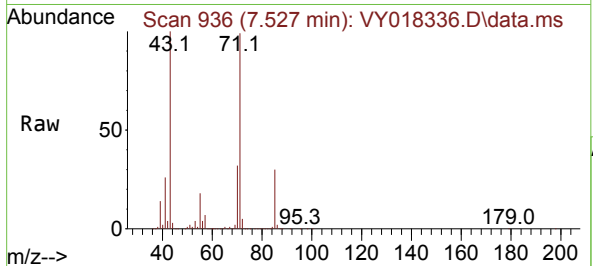




#41
Methacrylonitrile
Concen: 3009.701 ug/l
RT: 7.527 min Scan# 91
Delta R.T. 0.213 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

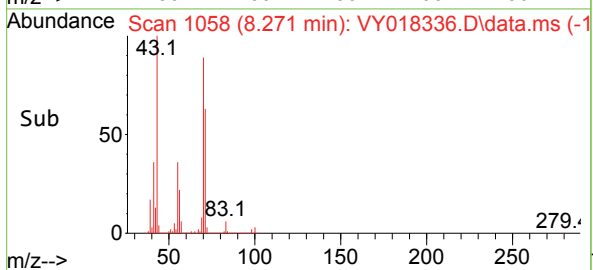
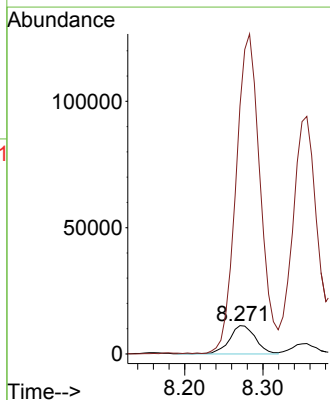
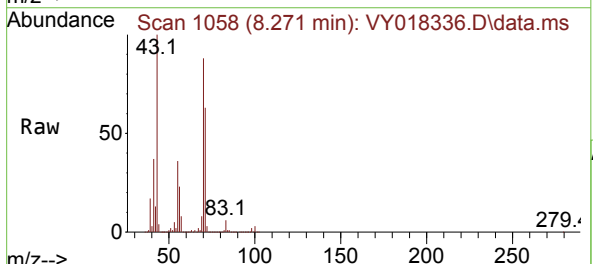
Instrument :
MSVOA_Y
ClientSampleId :
665

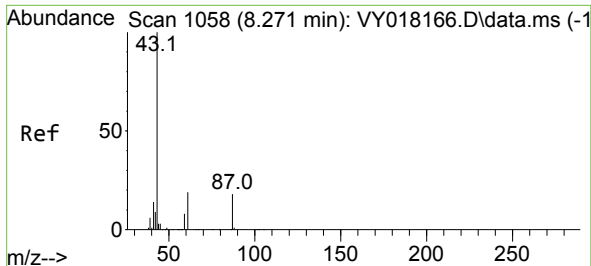
Tgt Ion: 41 Resp: 1072653
Ion Ratio Lower Upper
41 100
39 53.7 48.0 72.0
67 5.3 75.1 112.7#
52 2.4 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 25.452 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.043 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

Tgt Ion: 62 Resp: 26121
Ion Ratio Lower Upper
62 100
98 1035.5 0.0 22.0#

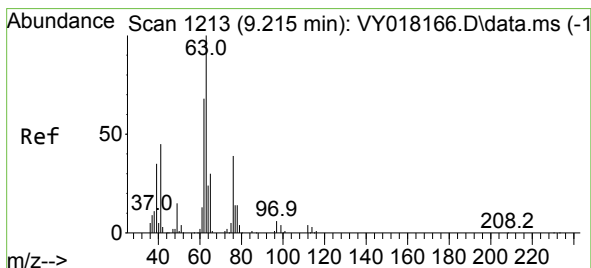
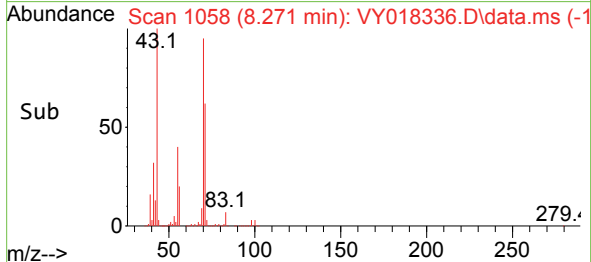
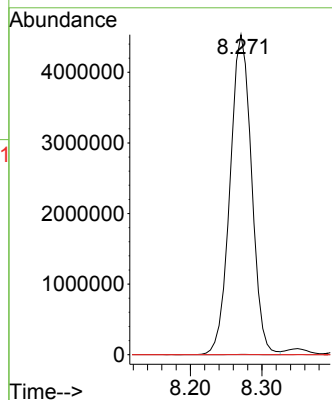
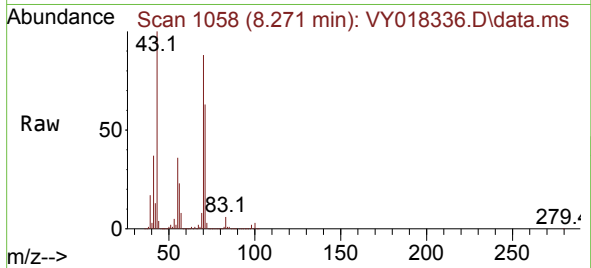




#43
Isopropyl Acetate
Concen: 7487.200 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

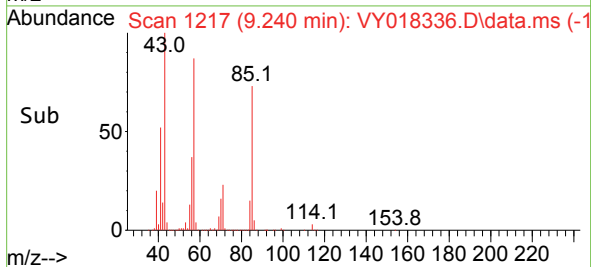
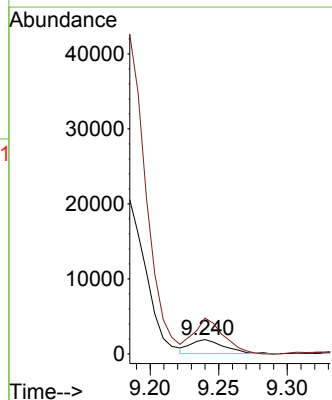
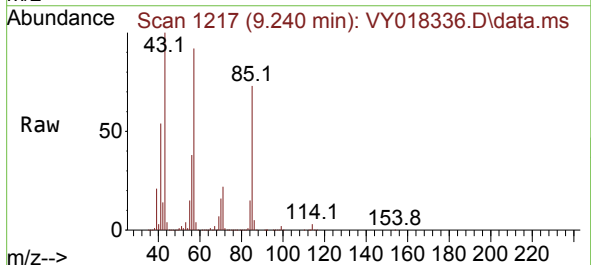
Instrument :
MSVOA_Y
ClientSampleId :
665

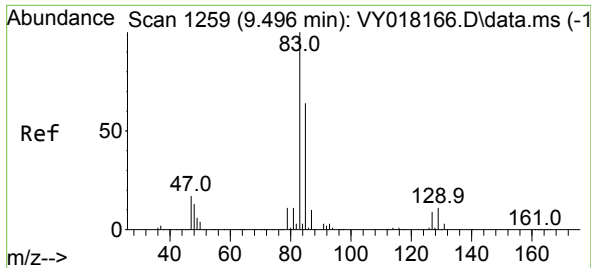
Tgt Ion: 43 Resp: 9471851
Ion Ratio Lower Upper
43 100
61 0.1 27.9 41.9#
87 0.0 13.1 19.7#



#45
1,2-Dichloropropane
Concen: 3.040 ug/l
RT: 9.240 min Scan# 1217
Delta R.T. 0.024 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

Tgt Ion: 63 Resp: 3135
Ion Ratio Lower Upper
63 100
65 255.8 25.4 38.2#

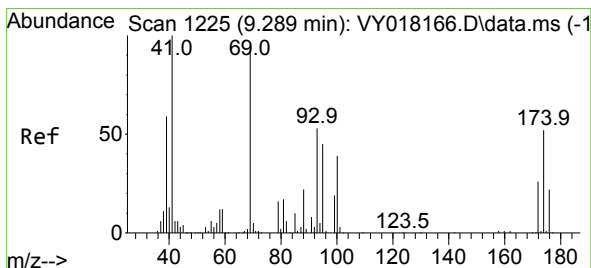
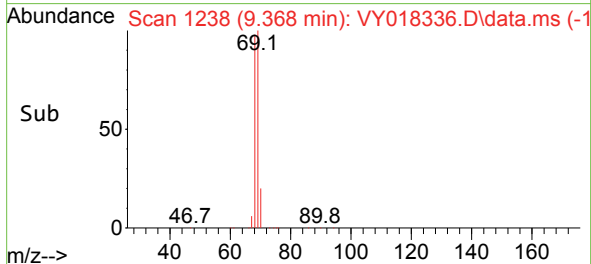
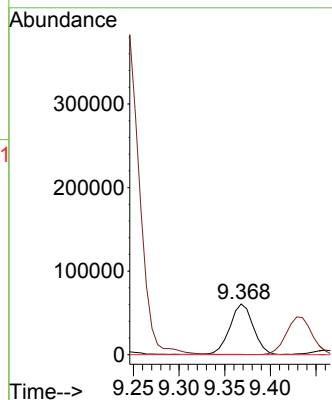
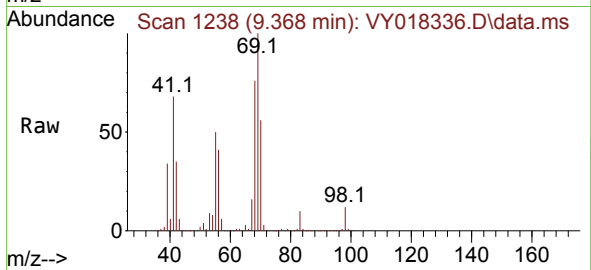




#47
Bromodichloromethane
Concen: 73.615 ug/l
RT: 9.368 min Scan# 1238
Delta R.T. -0.128 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

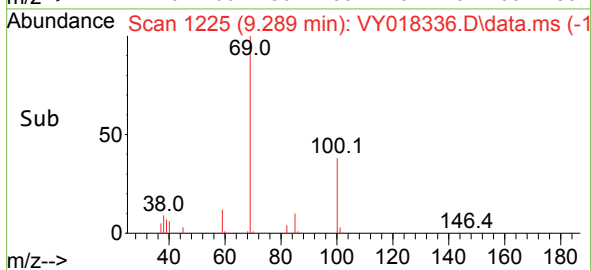
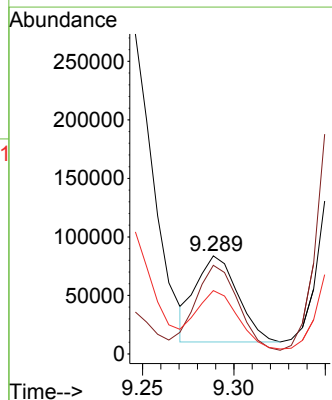
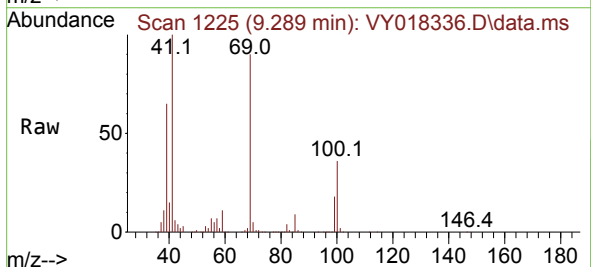
Instrument :
MSVOA_Y
ClientSampleId :
665

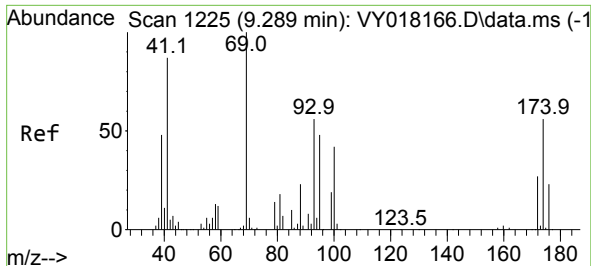
Tgt Ion: 83 Resp: 107887
Ion Ratio Lower Upper
83 100
85 0.0 50.1 75.1#
127 0.0 7.4 11.0#



#48
Methyl methacrylate
Concen: 202.706 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

Tgt Ion: 41 Resp: 117529
Ion Ratio Lower Upper
41 100
69 109.7 84.1 126.1
39 76.5 43.6 65.4#





#49

1,4-Dioxane

Concen: 2.542 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.079 min

Lab File: VY018336.D

Acq: 20 May 2024 15:39

Instrument :

MSVOA_Y

ClientSampleId :

665

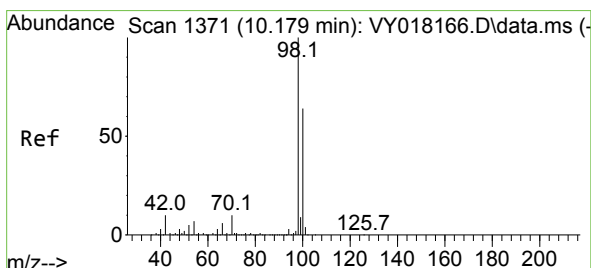
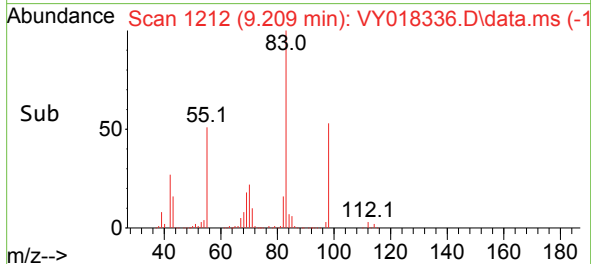
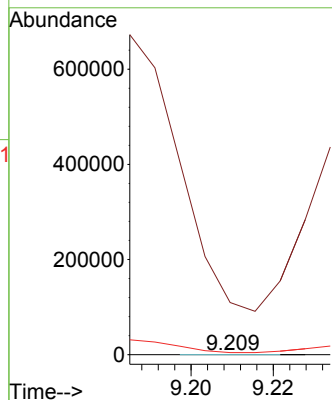
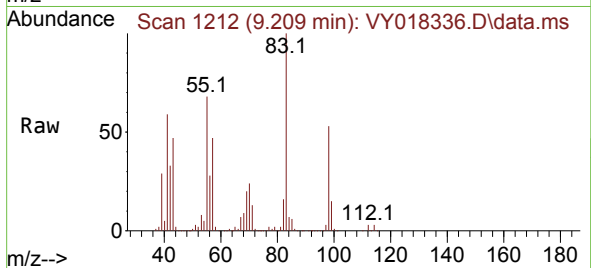
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 43.421 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY018336.D

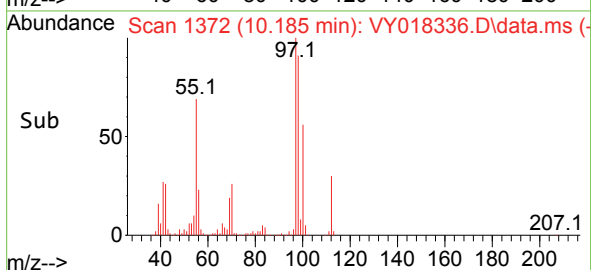
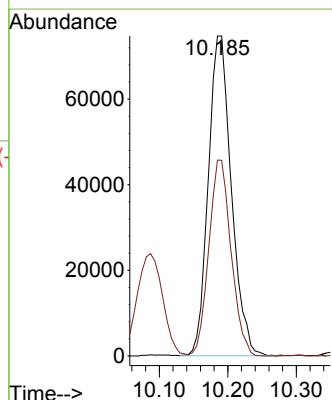
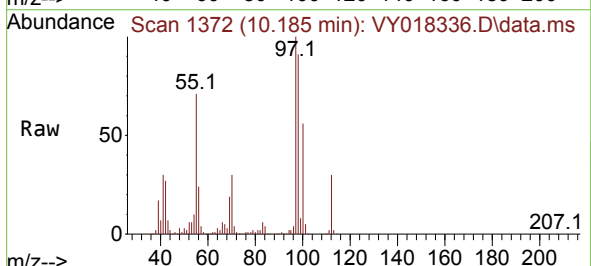
Acq: 20 May 2024 15:39

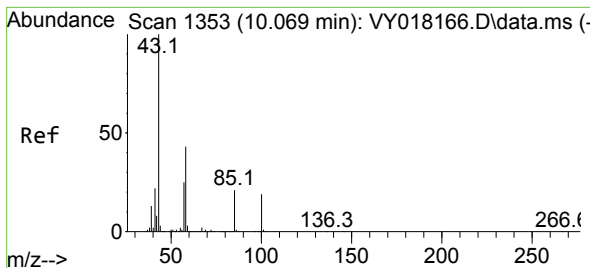
Tgt Ion: 98 Resp: 175021

Ion Ratio Lower Upper

98 100

100 59.1 52.0 78.0

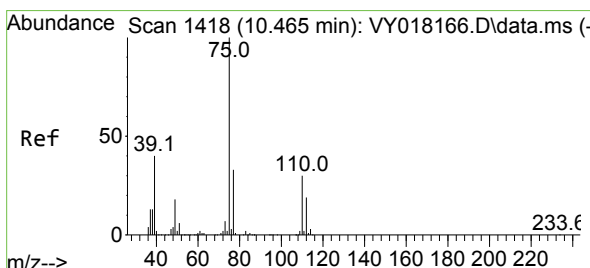
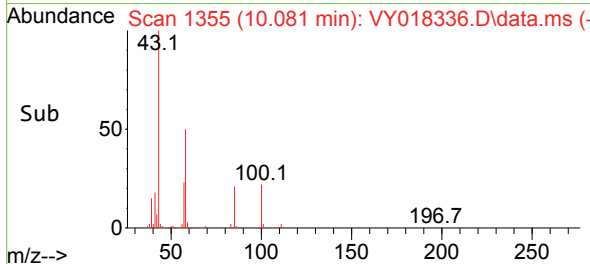
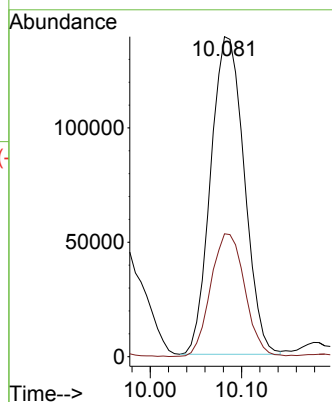
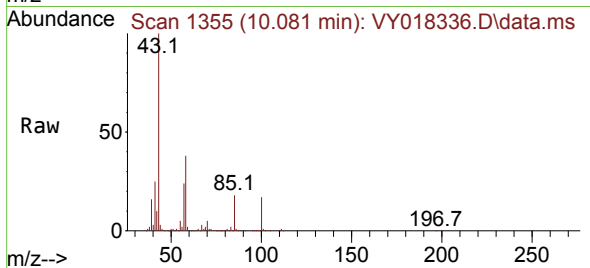




#51
4-Methyl-2-Pentanone
Concen: 556.989 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

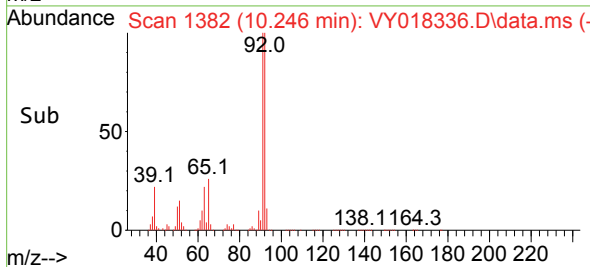
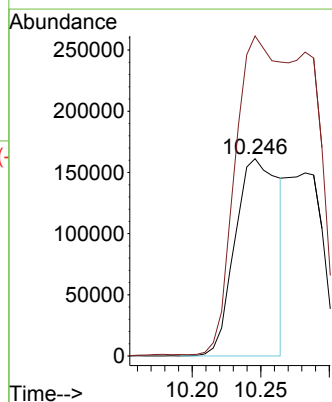
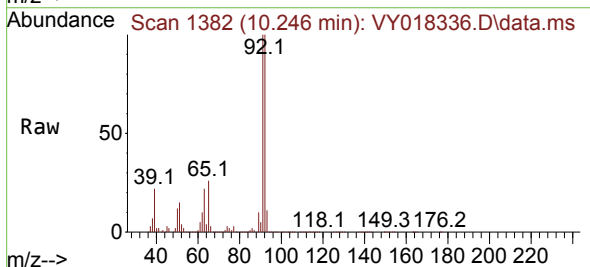
Instrument :
MSVOA_Y
ClientSampleId :
665

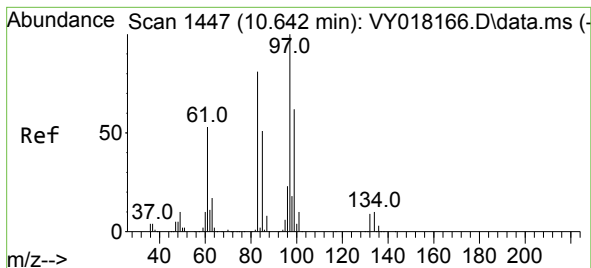
Tgt Ion: 43 Resp: 354153
Ion Ratio Lower Upper
43 100
58 39.2 35.7 53.5



#53
t-1,3-Dichloropropene
Concen: 260.548 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.219 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

Tgt Ion: 75 Resp: 356671
Ion Ratio Lower Upper
75 100
77 161.5 24.1 36.1#

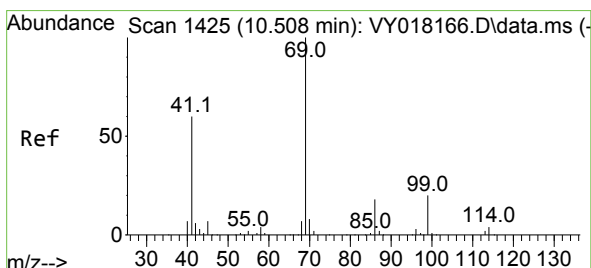
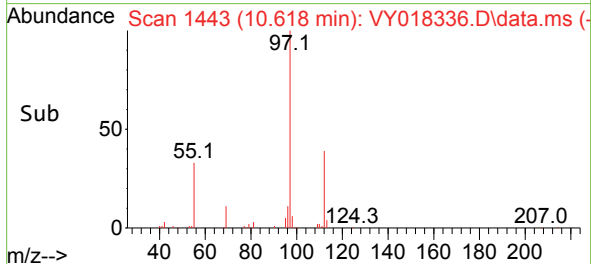
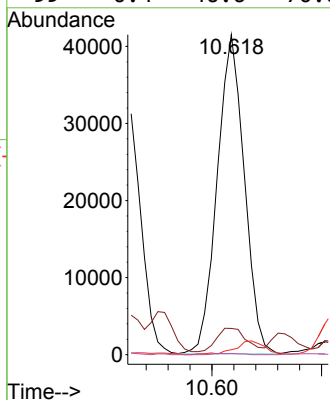
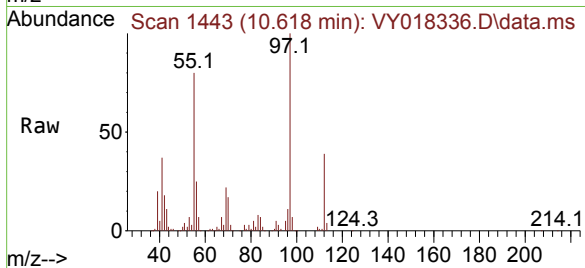




#55
1,1,2-Trichloroethane
Concen: 87.372 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

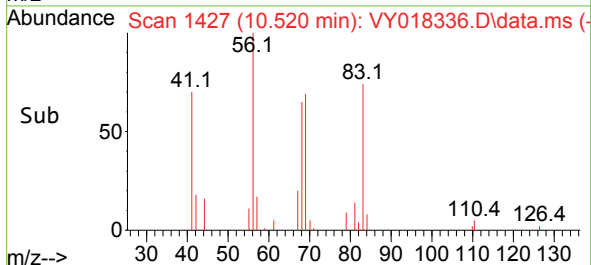
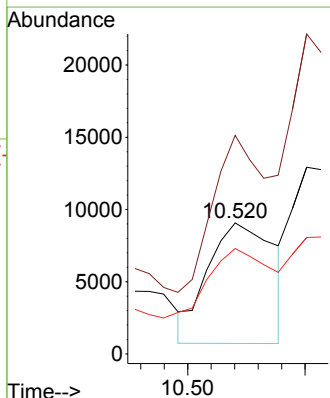
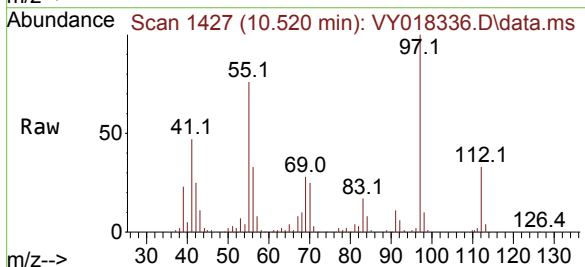
Instrument :
MSVOA_Y
ClientSampleId :
665

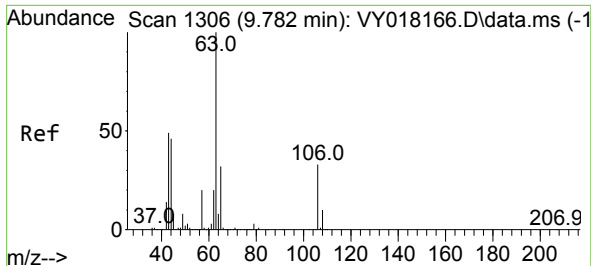
Tgt Ion: 97 Resp: 71154
Ion Ratio Lower Upper
97 100
83 3.9 67.5 101.3#
85 1.3 42.9 64.3#
99 0.4 46.6 70.0#



#56
Ethyl methacrylate
Concen: 14.693 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

Tgt Ion: 69 Resp: 16251
Ion Ratio Lower Upper
69 100
41 0.0 42.3 63.5#
39 0.0 22.9 34.3#

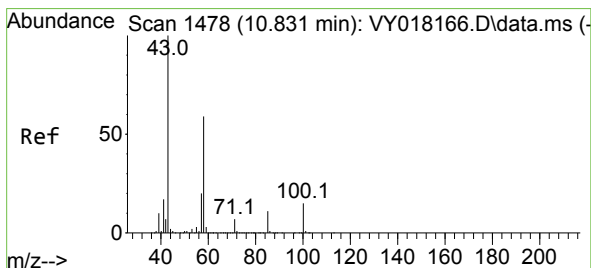
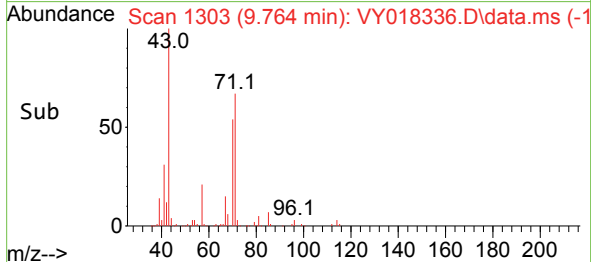
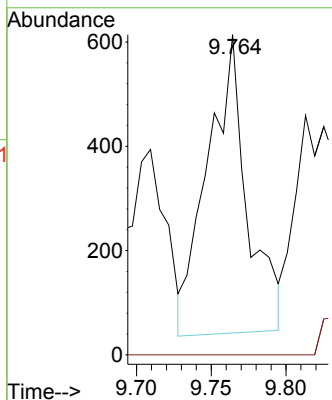
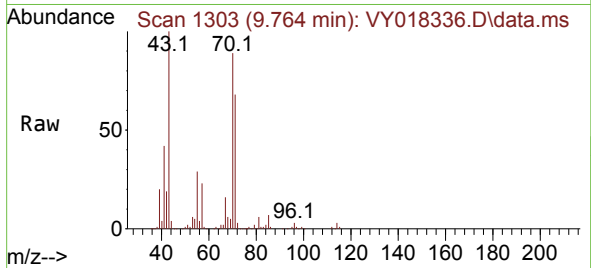




#58
2-Chloroethyl Vinyl ether
Concen: 1.992 ug/l
RT: 9.764 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

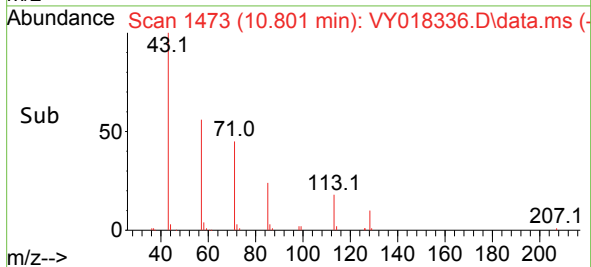
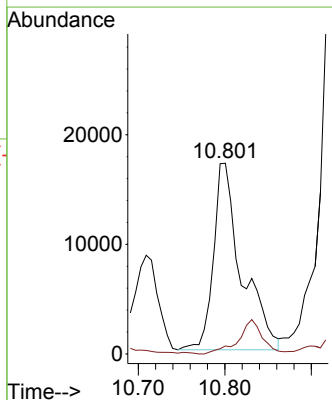
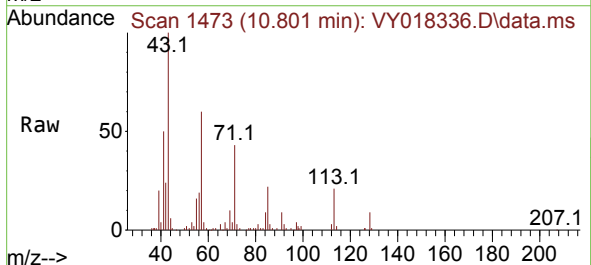
Instrument :
MSVOA_Y
ClientSampleId :
665

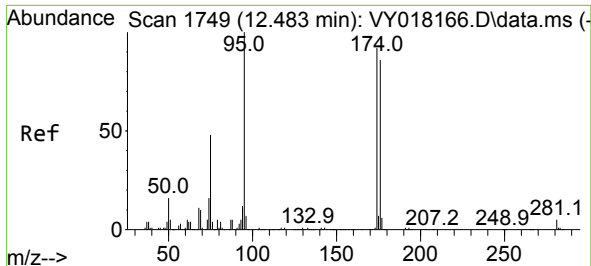
Tgt Ion: 63 Resp: 1052
Ion Ratio Lower Upper
63 100
106 0.0 23.7 35.5#



#59
2-Hexanone
Concen: 86.520 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

Tgt Ion: 43 Resp: 38465
Ion Ratio Lower Upper
43 100
58 0.0 31.4 94.0#

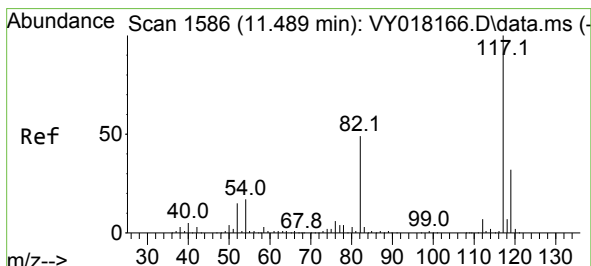
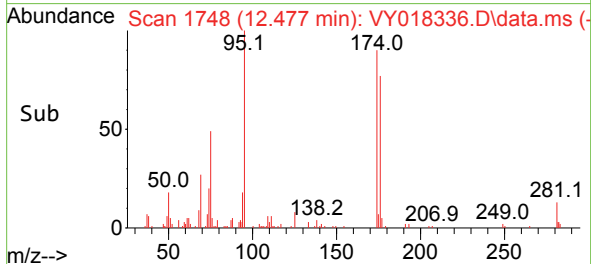
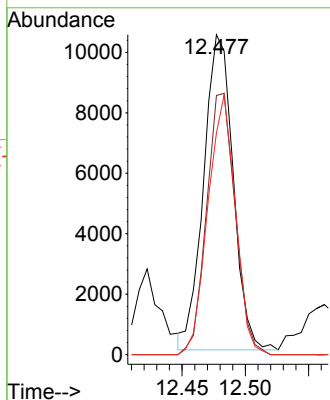
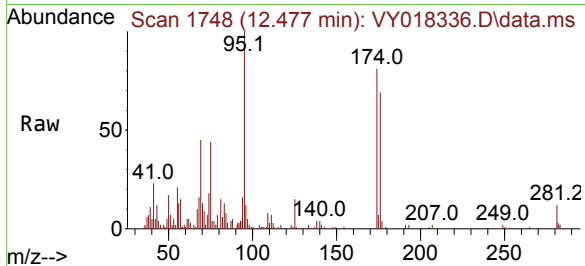




#62
4-Bromofluorobenzene
Concen: 12.984 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

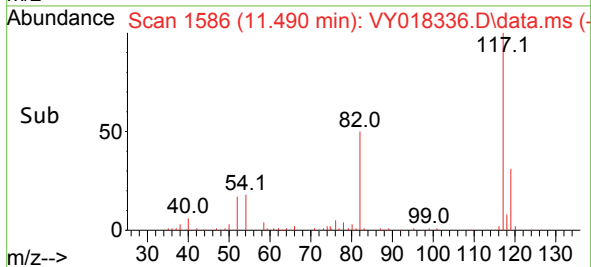
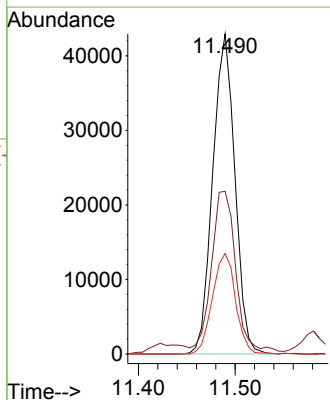
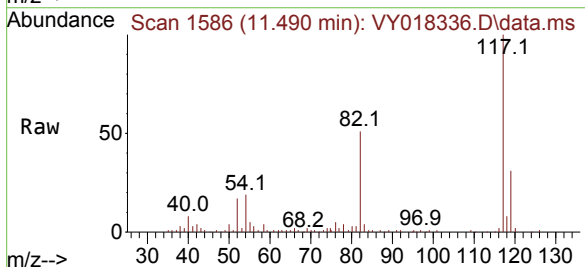
Instrument :
MSVOA_Y
ClientSampleId :
665

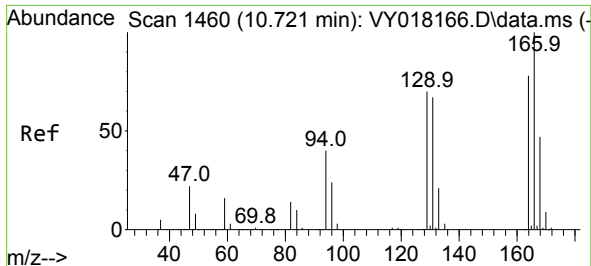
Tgt Ion: 95	Resp: 16901
Ion Ratio	Lower Upper
95 100	
174 80.6	0.0 175.6
176 76.7	0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

Tgt Ion: 117	Resp: 68270
Ion Ratio	Lower Upper
117 100	
82 49.9	42.4 63.6
119 31.4	25.9 38.9

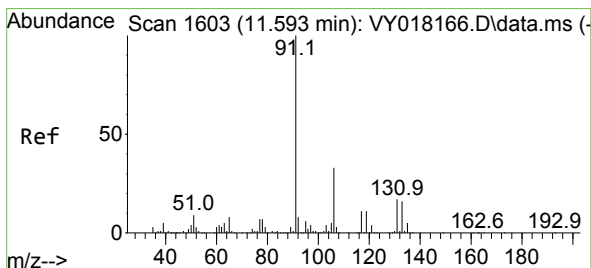
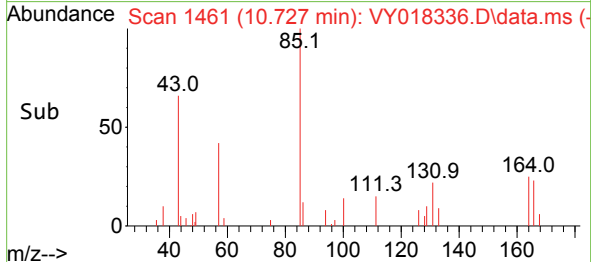
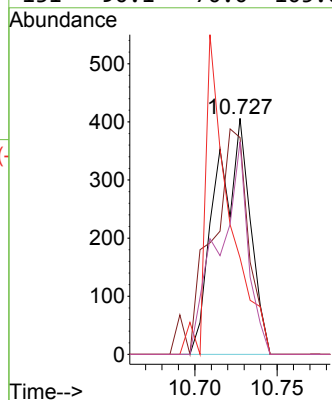
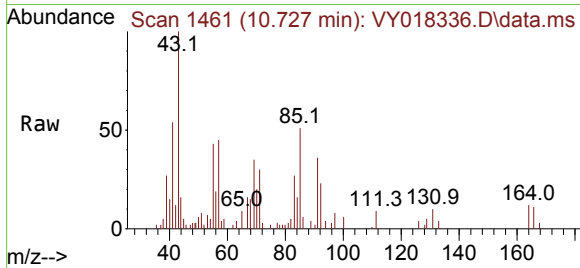




#64
Tetrachloroethene
Concen: 1.283 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

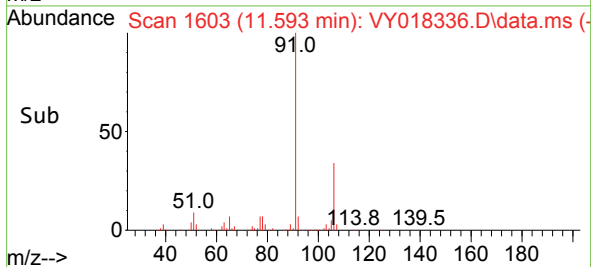
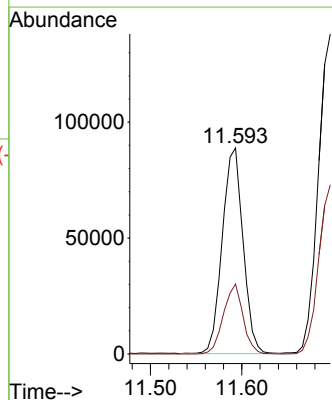
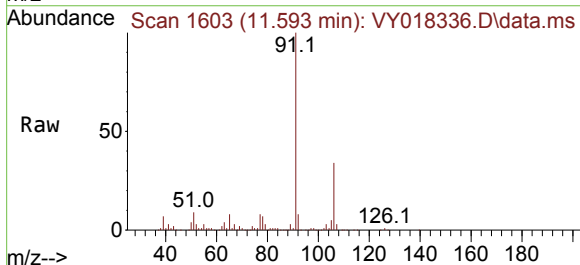
Instrument :
MSVOA_Y
ClientSampleId :
665

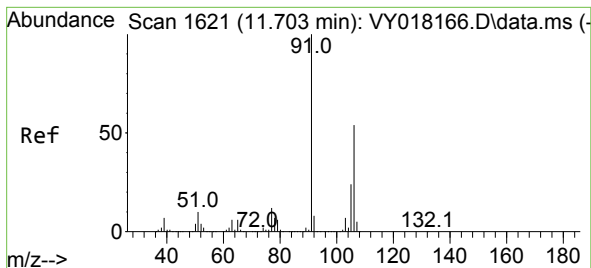
Tgt Ion:164 Resp: 583
Ion Ratio Lower Upper
164 100
166 91.9 102.6 154.0#
129 40.9 72.0 108.0#
131 90.1 70.0 105.0



#67
Ethyl Benzene
Concen: 59.830 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

Tgt Ion: 91 Resp: 140461
Ion Ratio Lower Upper
91 100
106 34.0 24.5 36.7

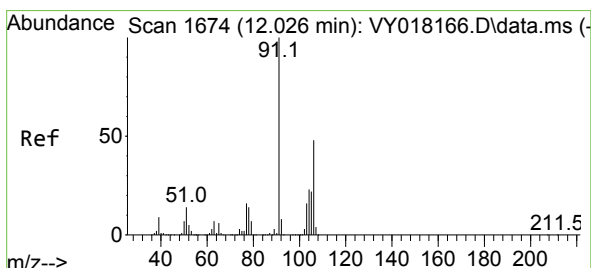
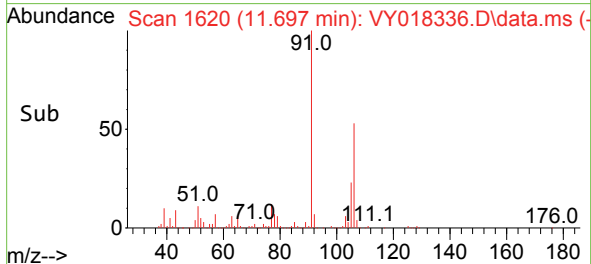
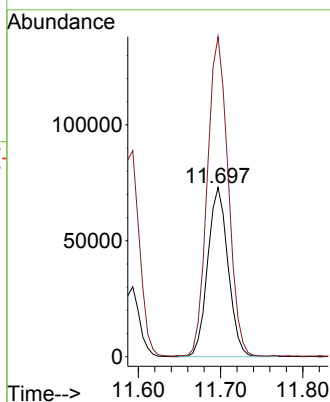
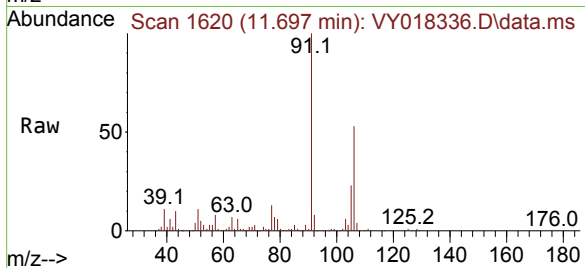




#68
m/p-Xylenes
Concen: 135.291 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

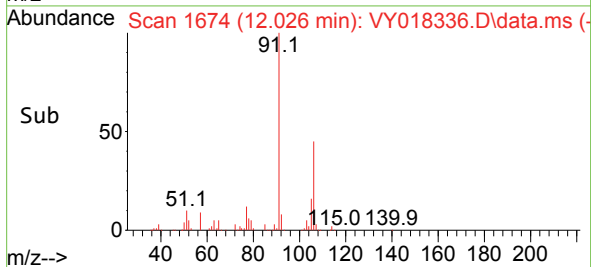
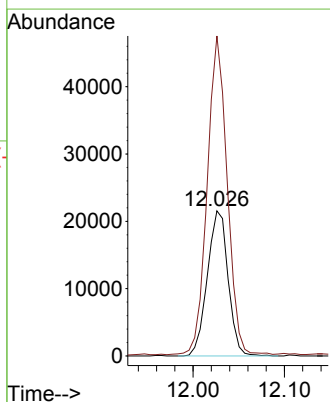
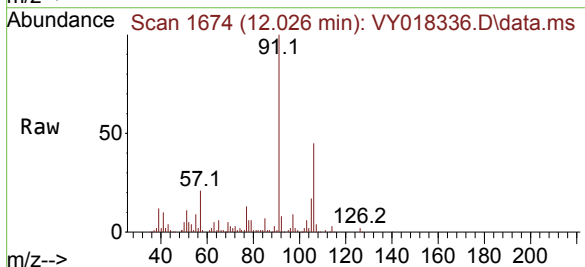
Instrument :
MSVOA_Y
ClientSampleId :
665

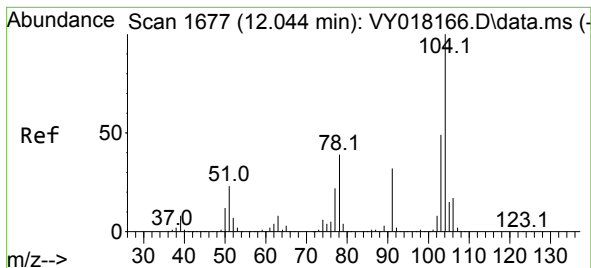
Tgt Ion:106 Resp: 125603
Ion Ratio Lower Upper
106 100
91 192.9 156.0 234.0



#69
o-Xylene
Concen: 38.121 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

Tgt Ion:106 Resp: 33964
Ion Ratio Lower Upper
106 100
91 210.8 103.6 310.8





#70

Styrene

Concen: 1.770 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018336.D

Acq: 20 May 2024 15:39

Instrument :

MSVOA_Y

ClientSampleId :

665

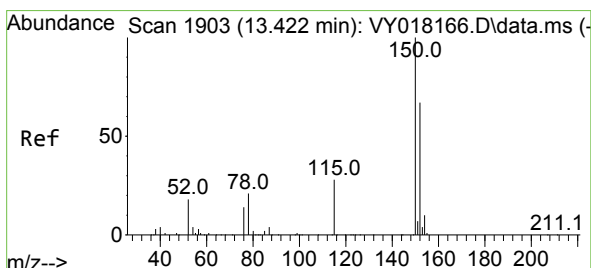
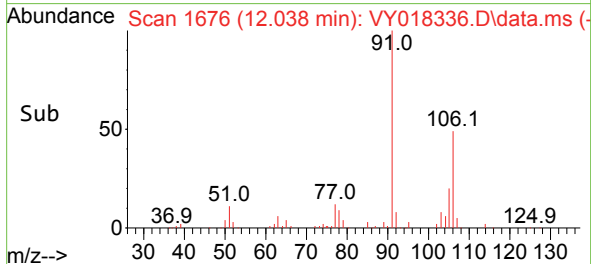
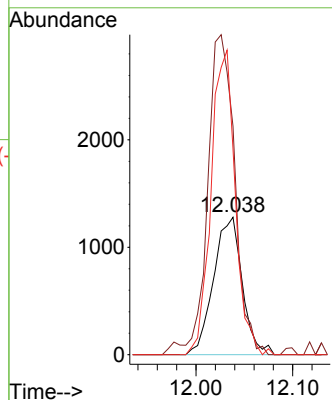
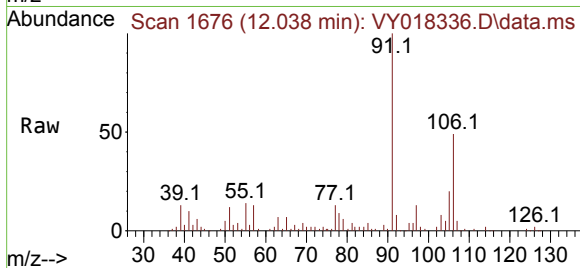
Tgt Ion:104 Resp: 2634

Ion Ratio Lower Upper

104 100

78 221.0 37.0 55.4#

103 186.9 44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018336.D

Acq: 20 May 2024 15:39

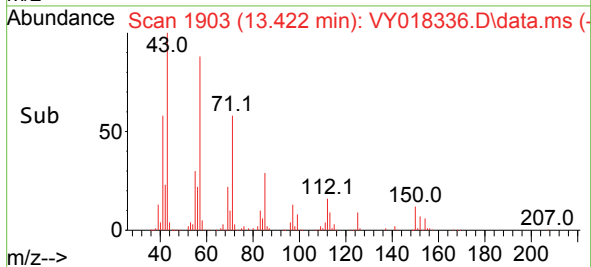
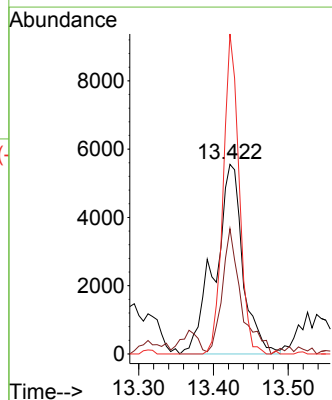
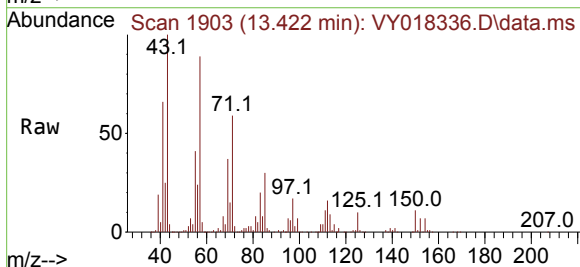
Tgt Ion:152 Resp: 14461

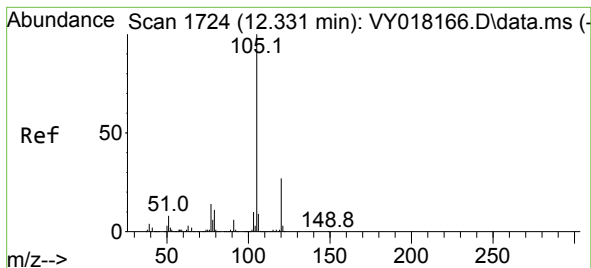
Ion Ratio Lower Upper

152 100

115 42.5 28.2 84.7

150 96.2 0.0 345.6





#73

Isopropylbenzene

Concen: 8.393 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018336.D

Acq: 20 May 2024 15:39

Instrument :

MSVOA_Y

ClientSampleId :

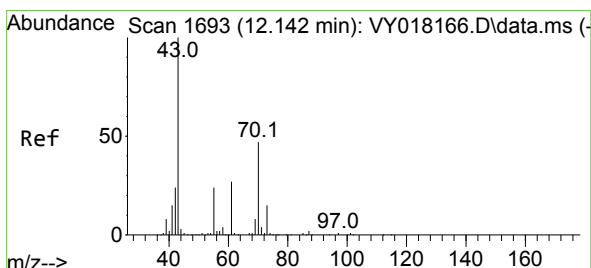
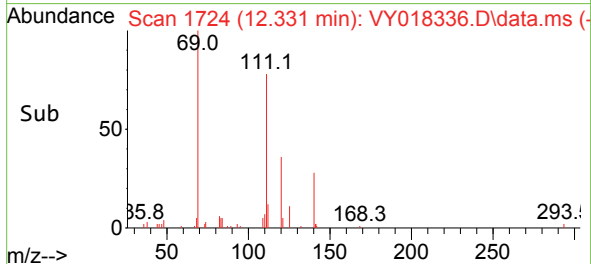
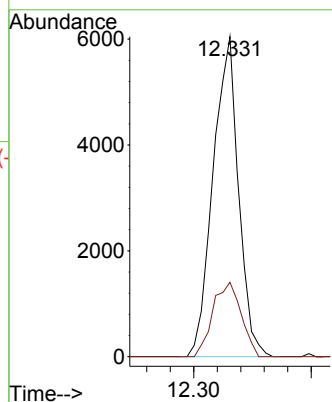
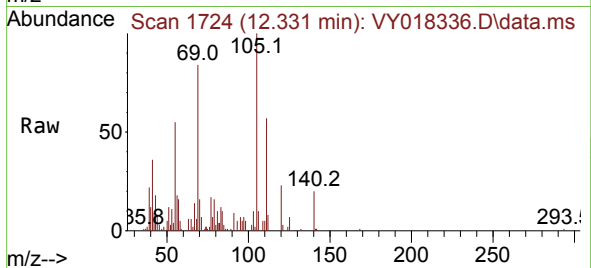
665

Tgt Ion:105 Resp: 9100

Ion Ratio Lower Upper

105 100

120 25.8 13.4 40.1



#74

N-ethyl acetate

Concen: 3.417 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.018 min

Lab File: VY018336.D

Acq: 20 May 2024 15:39

Tgt Ion: 43 Resp: 769

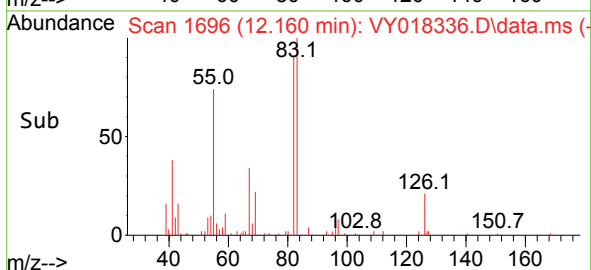
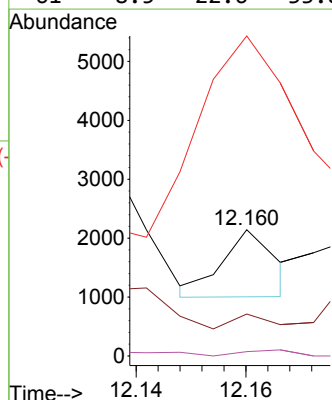
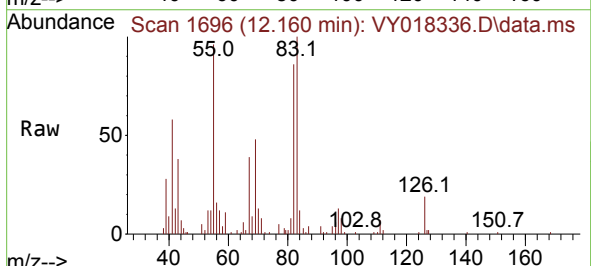
Ion Ratio Lower Upper

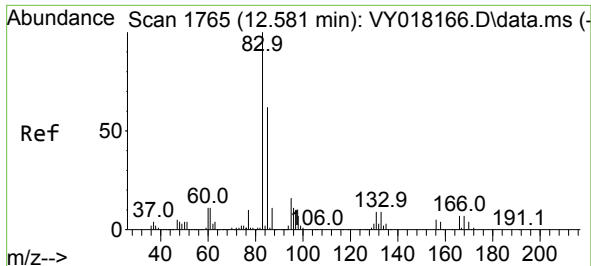
43 100

70 0.0 41.4 62.2#

55 662.9 23.3 34.9#

61 8.5 22.6 33.8#

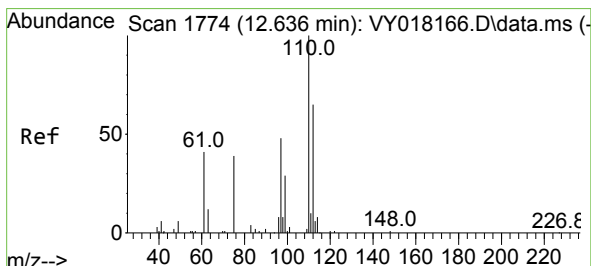
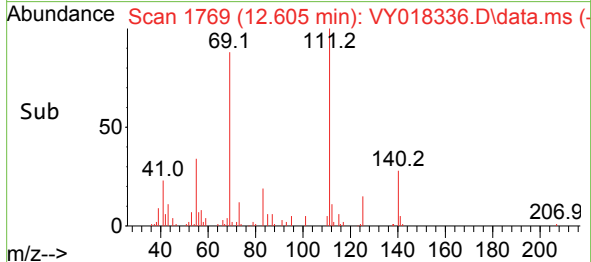
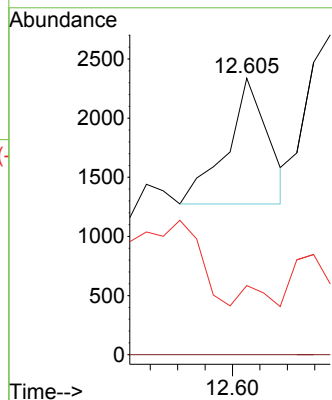
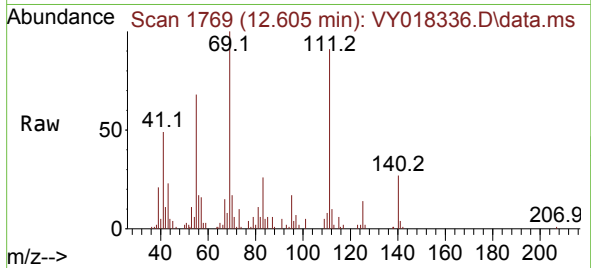




#75
 1,1,2,2-Tetrachloroethane
 Concen: 6.395 ug/l
 RT: 12.605 min Scan# 1769
 Delta R.T. 0.024 min
 Lab File: VY018336.D
 Acq: 20 May 2024 15:39

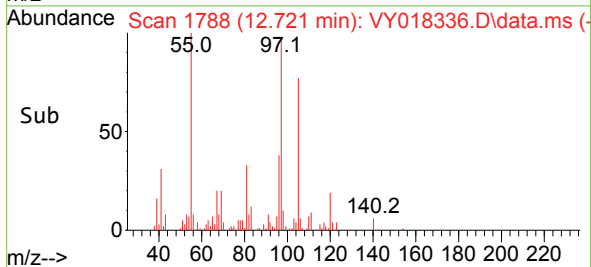
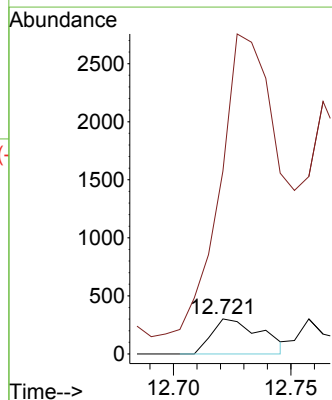
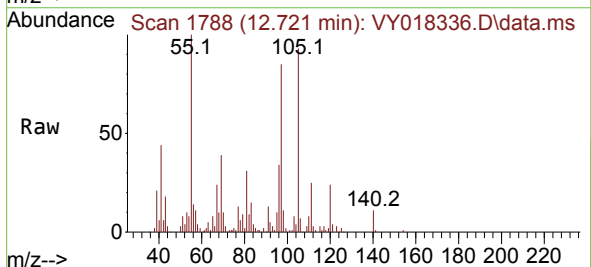
Instrument :
 MSVOA_Y
 ClientSampleId :
 665

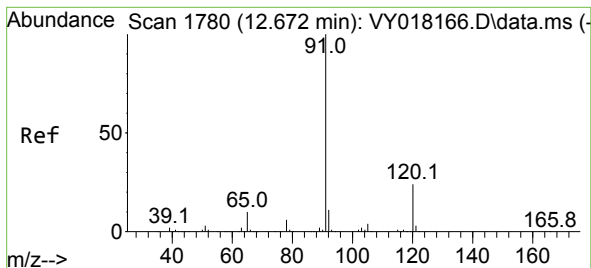
Tgt Ion: 83 Resp: 1106
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 14.9#
 85 0.0 32.0 96.0#



#76
 1,2,3-Trichloropropane
 Concen: 3.801 ug/l
 RT: 12.721 min Scan# 1788
 Delta R.T. 0.085 min
 Lab File: VY018336.D
 Acq: 20 May 2024 15:39

Tgt Ion: 75 Resp: 440
 Ion Ratio Lower Upper
 75 100
 77 1046.1 0.0 0.0#





#78

n-propylbenzene

Concen: 12.474 ug/l

RT: 12.672 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018336.D

Acq: 20 May 2024 15:39

Instrument :

MSVOA_Y

ClientSampleId :

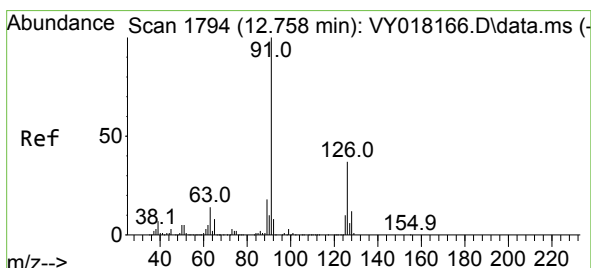
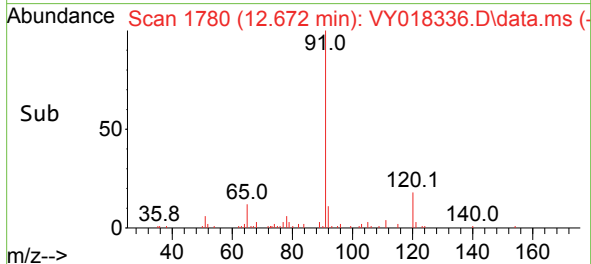
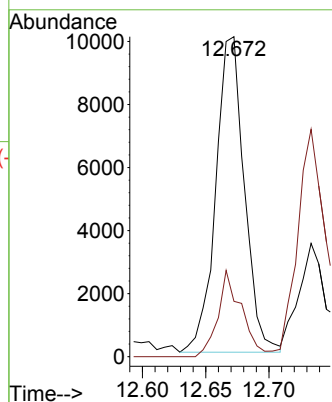
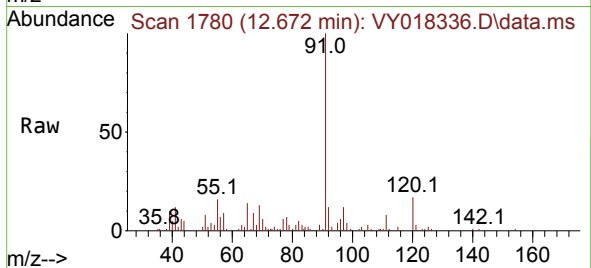
665

Tgt Ion: 91 Resp: 15731

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4



#79

2-Chlorotoluene

Concen: 2.922 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.055 min

Lab File: VY018336.D

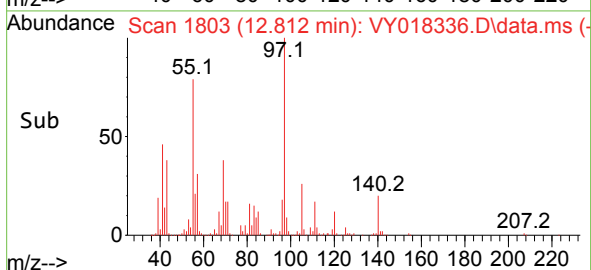
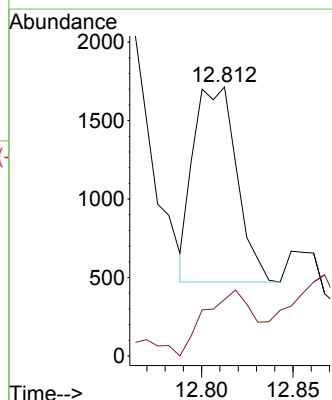
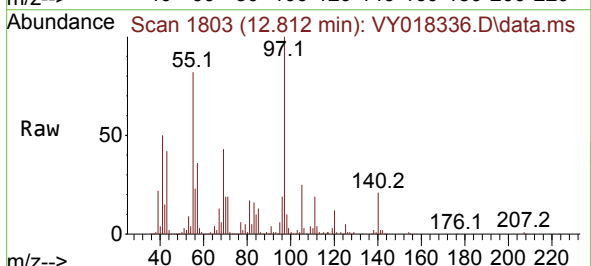
Acq: 20 May 2024 15:39

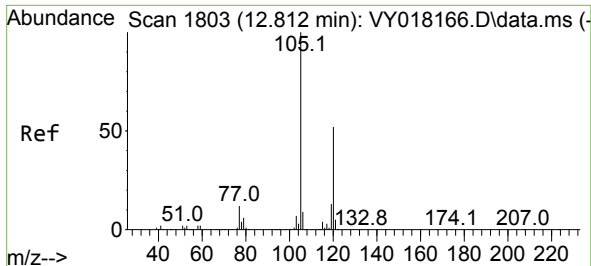
Tgt Ion: 91 Resp: 2048

Ion Ratio Lower Upper

91 100

126 36.5 17.8 53.5

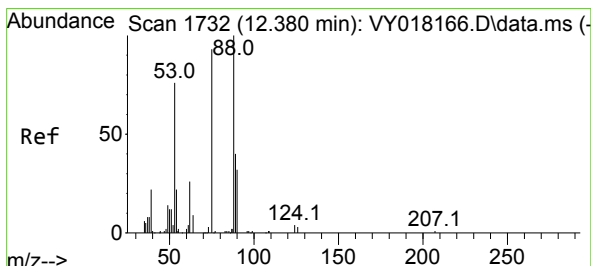
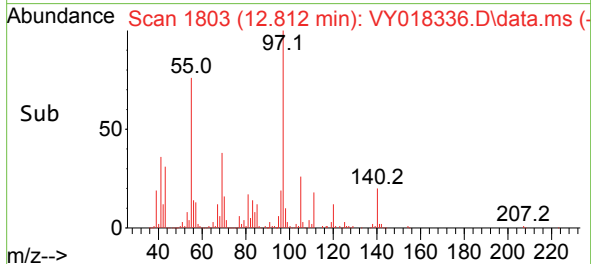
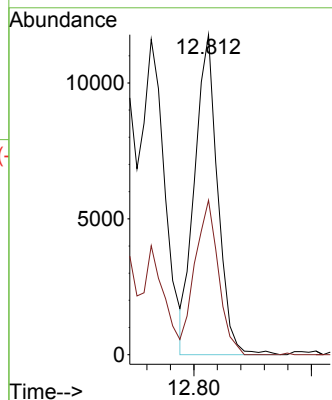
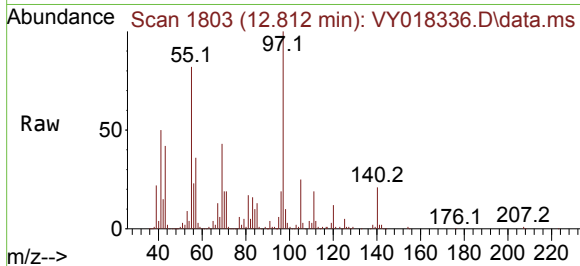




#80
 1,3,5-Trimethylbenzene
 Concen: 18.709 ug/l
 RT: 12.812 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VY018336.D
 Acq: 20 May 2024 15:39

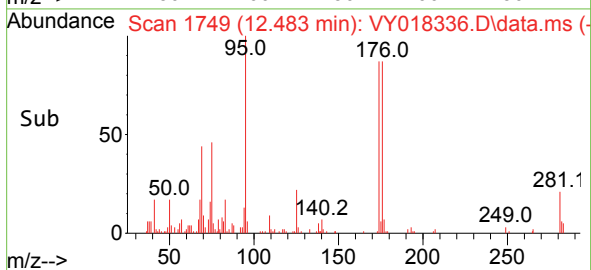
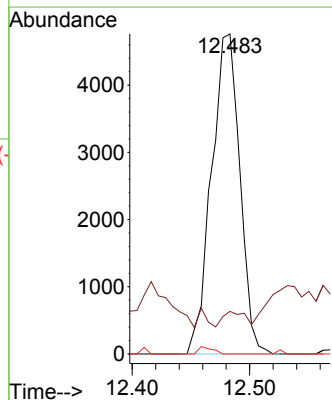
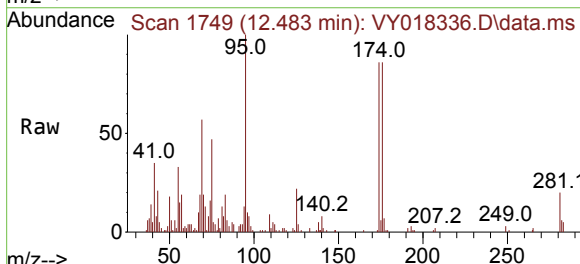
Instrument :
 MSVOA_Y
 ClientSampleId :
 665

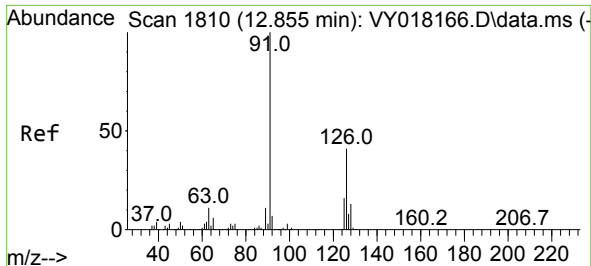
Tgt Ion:105 Resp: 15995
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.1 75.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.993 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY018336.D
 Acq: 20 May 2024 15:39

Tgt Ion: 75 Resp: 7990
 Ion Ratio Lower Upper
 75 100
 53 3.7 66.8 100.2#
 89 0.0 35.8 53.6#

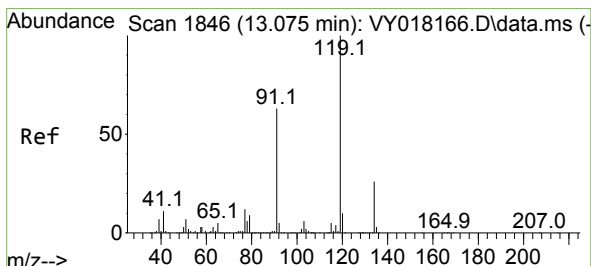
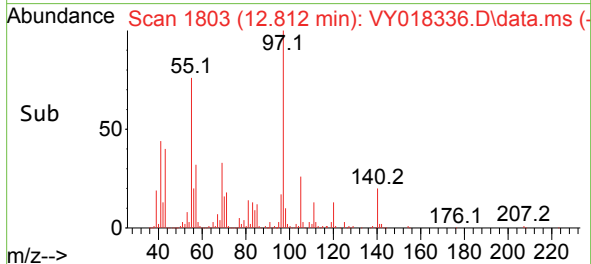
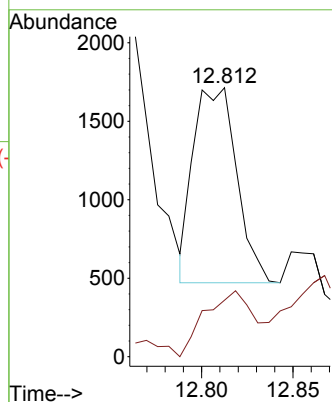
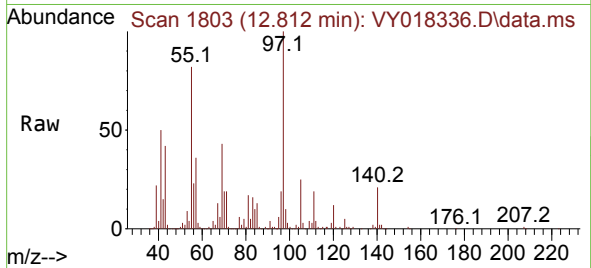




#82
4-Chlorotoluene
Concen: 2.909 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.043 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

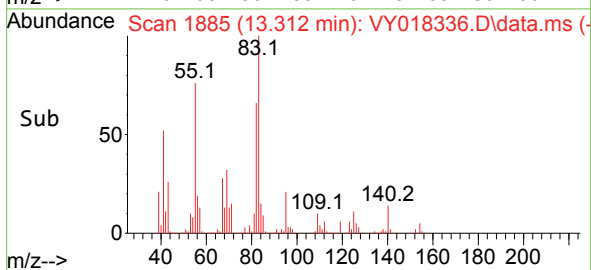
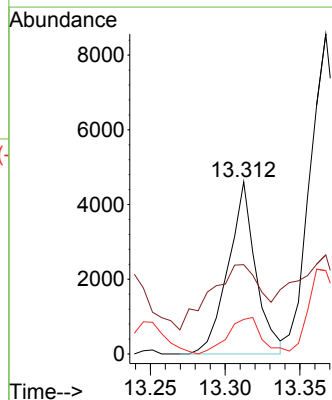
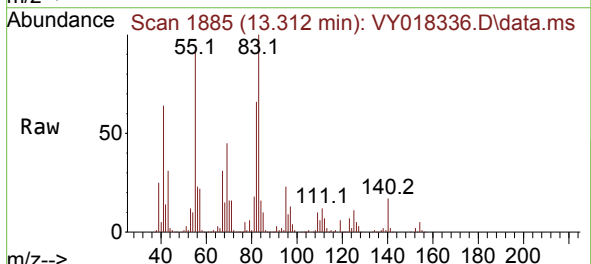
Instrument :
MSVOA_Y
ClientSampleId :
665

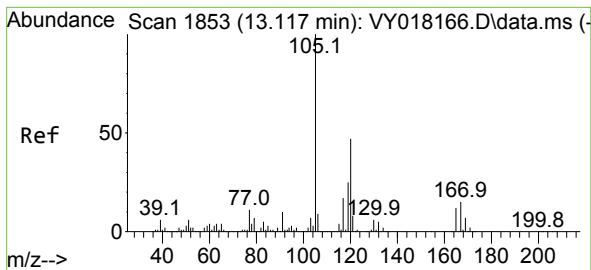
Tgt Ion: 91 Resp: 2048
Ion Ratio Lower Upper
91 100
126 36.5 17.6 52.9



#83
tert-Butylbenzene
Concen: 7.493 ug/l
RT: 13.312 min Scan# 1885
Delta R.T. 0.238 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

Tgt Ion: 119 Resp: 5909
Ion Ratio Lower Upper
119 100
91 69.3 31.3 93.8
134 26.2 13.4 40.1





#84

1,2,4-Trimethylbenzene

Concen: 56.238 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018336.D

Acq: 20 May 2024 15:39

Instrument :

MSVOA_Y

ClientSampleId :

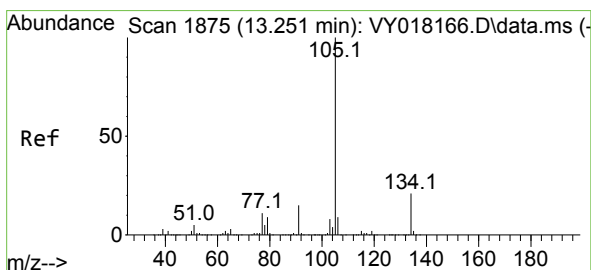
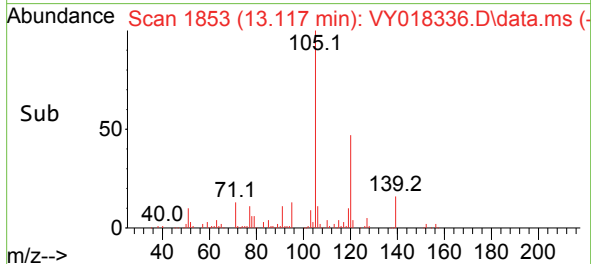
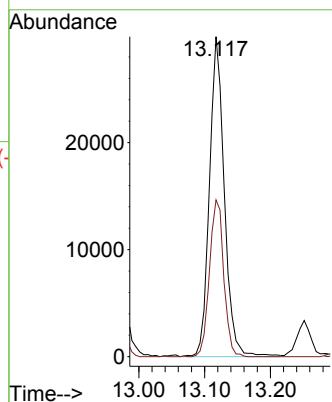
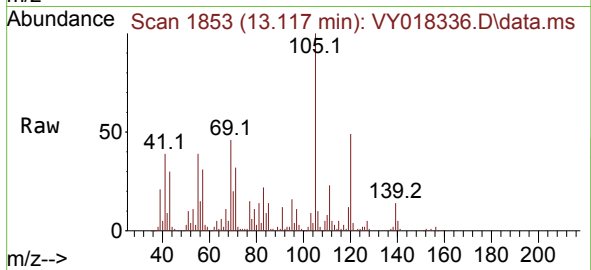
665

Tgt Ion:105 Resp: 47098

Ion Ratio Lower Upper

105 100

120 46.9 23.2 69.6



#85

sec-Butylbenzene

Concen: 3.999 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018336.D

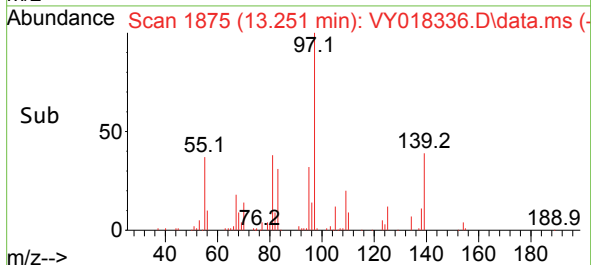
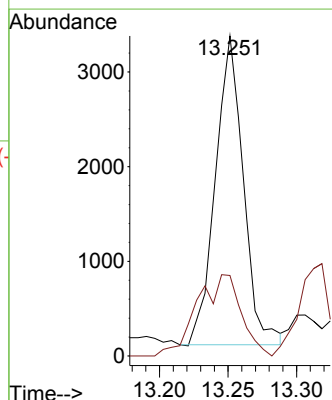
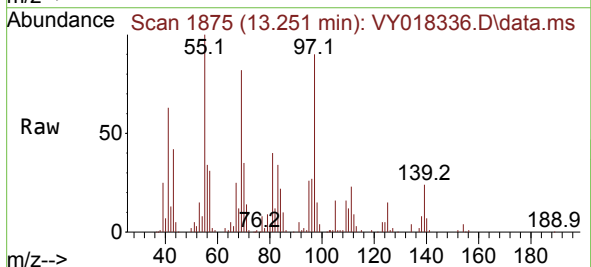
Acq: 20 May 2024 15:39

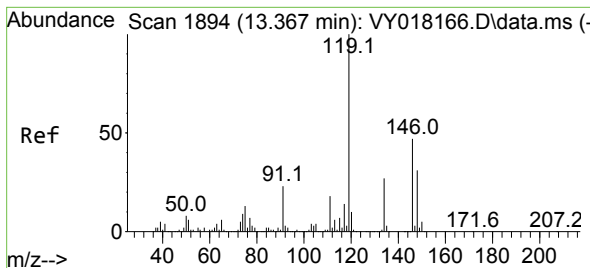
Tgt Ion:105 Resp: 4626

Ion Ratio Lower Upper

105 100

134 41.6 10.1 30.1#

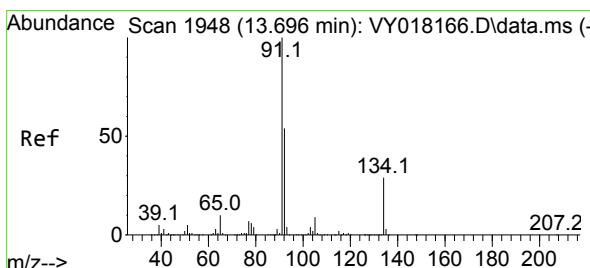
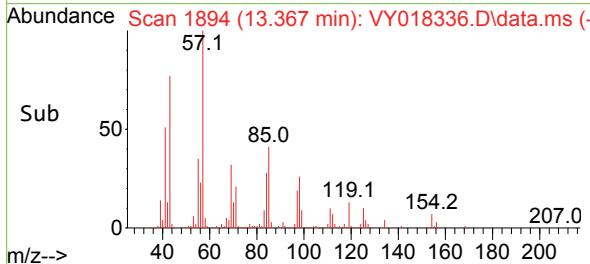
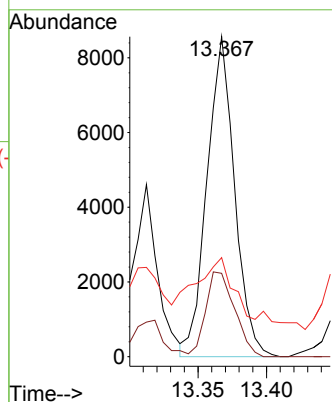
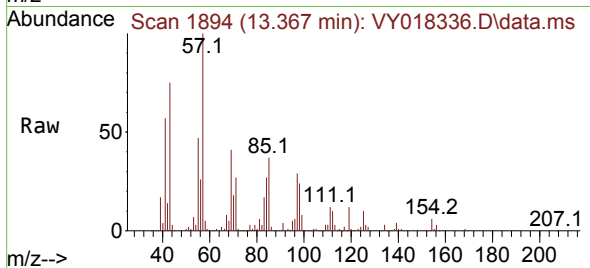




#86
p-Isopropyltoluene
Concen: 12.609 ug/l
RT: 13.367 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

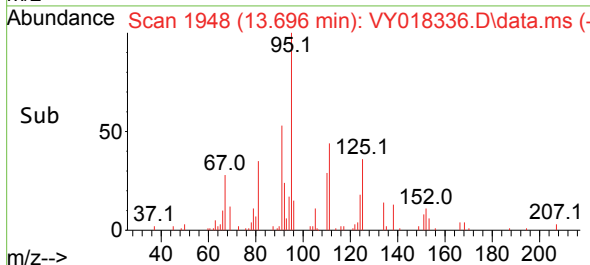
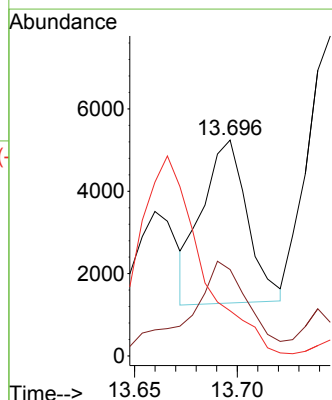
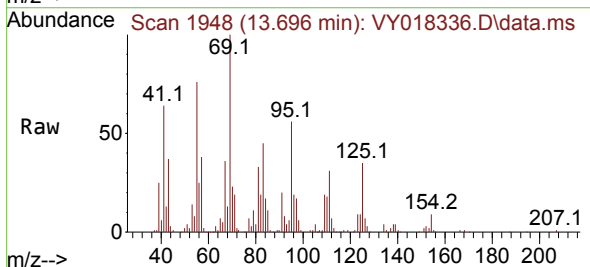
Instrument :
MSVOA_Y
ClientSampleId :
665

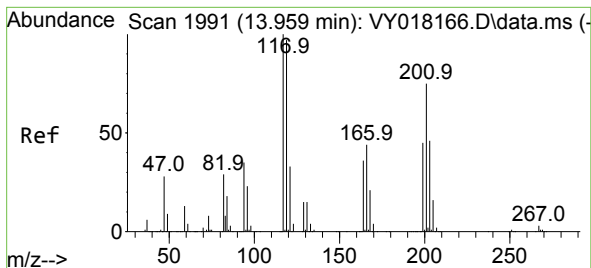
Tgt Ion:	119	Resp:	11999
Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.1	39.3
91	27.3	10.7	32.1



#89
n-Butylbenzene
Concen: 7.016 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY018336.D
Acq: 20 May 2024 15:39

Tgt Ion:	91	Resp:	6042
Ion	Ratio	Lower	Upper
91	100		
92	65.2	26.6	79.7
134	0.0	12.9	38.7#





#90

Hexachloroethane

Concen: 12.727 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY018336.D

Acq: 20 May 2024 15:39

Instrument :

MSVOA_Y

ClientSampleId :

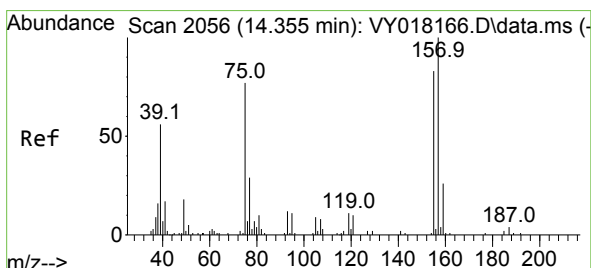
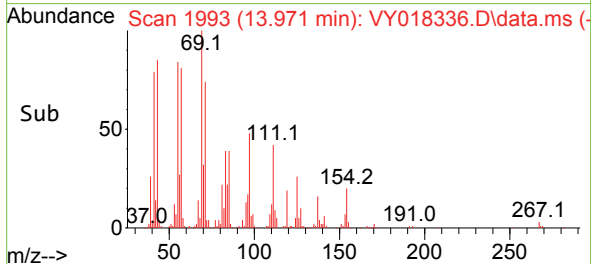
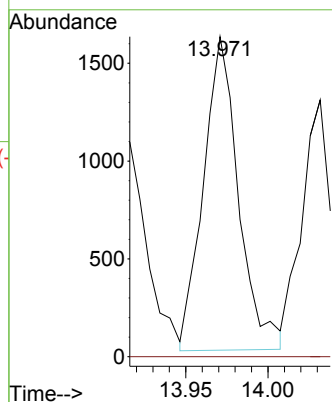
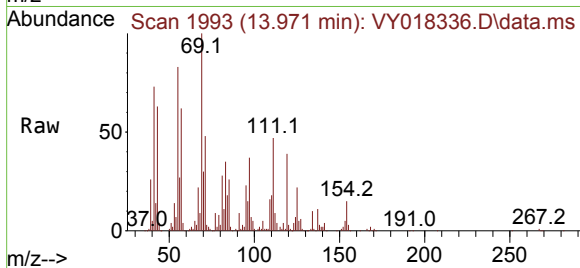
665

Tgt Ion:117 Resp: 2376

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.378 ug/l

RT: 14.349 min Scan# 2055

Delta R.T. -0.006 min

Lab File: VY018336.D

Acq: 20 May 2024 15:39

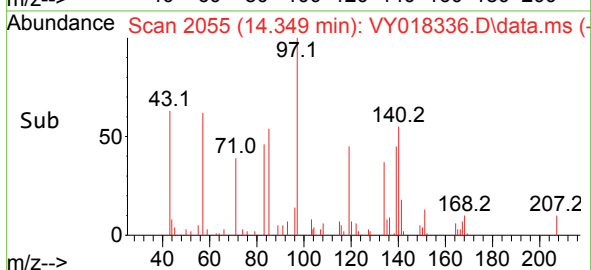
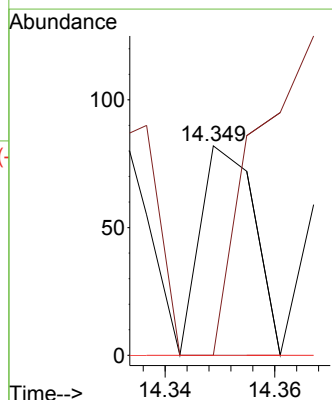
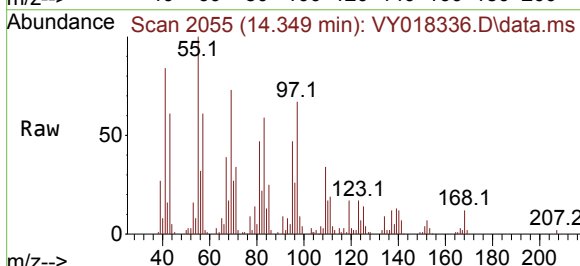
Tgt Ion: 75 Resp: 56

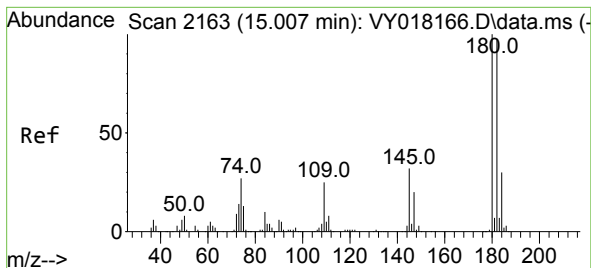
Ion Ratio Lower Upper

75 100

155 0.0 48.6 145.8#

157 0.0 62.7 188.2#





#93

1,2,4-Trichlorobenzene

Concen: 1.101 ug/l

RT: 15.080 min Scan# 2163

Delta R.T. 0.073 min

Lab File: VY018336.D

Acq: 20 May 2024 15:39

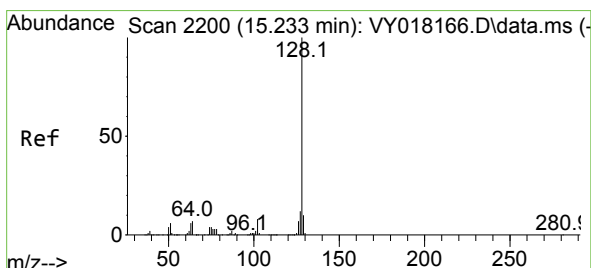
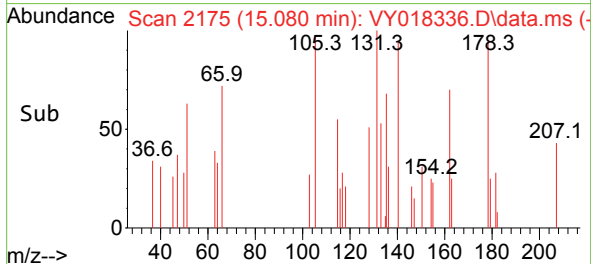
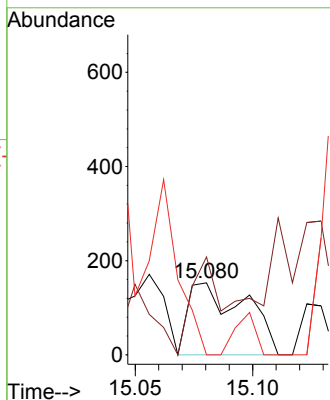
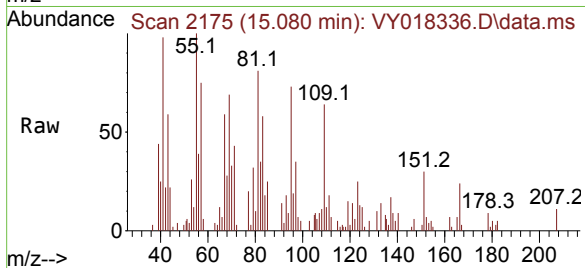
Instrument :

MSVOA_Y

ClientSampleId :

665

Tgt Ion:180	Resp:	256
Ion Ratio	Lower	Upper
180	100	
182	80.1	47.9 143.8
145	21.1	14.2 42.6



#95

Naphthalene

Concen: 8.199 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY018336.D

Acq: 20 May 2024 15:39

Tgt Ion:128	Resp:	3492
Ion Ratio	Lower	Upper
128	100	
127	13.8	10.6 16.0
129	14.0	8.6 13.0

