

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019514.D
 Acq On : 11 Sep 2024 17:16
 Operator : SY/MD
 Sample : P3911-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:33:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	12349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	21859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	16627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	3371	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	7445	65.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.220%	
35) Dibromofluoromethane	7.628	113	6837	55.165	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.340%	
50) Toluene-d8	10.109	98	24303	53.016	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.040%	
62) 4-Bromofluorobenzene	12.407	95	6198	35.163	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 70.320%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.775	85	19	Below Cal	#	43
3) Chloromethane	2.068	50	616	6.029	ug/l	91
5) Bromomethane	2.604	94	174	2.564	ug/l #	77
6) Chloroethane	2.732	64	162	2.243	ug/l #	42
11) Tert butyl alcohol	4.866	59	58	6.281	ug/l #	1
12) 1,1-Dichloroethene	3.775	96	148	1.351	ug/l #	1
13) Acrolein	3.659	56	98	8.184	ug/l #	1
15) Acrylonitrile	5.092	53	62	2.326	ug/l #	46
16) Acetone	3.848	43	1003	36.818	ug/l #	65
17) Carbon Disulfide	4.104	76	1251	4.226	ug/l #	83
18) Methyl Acetate	4.372	43	113	1.528	ug/l #	46
20) Methylene Chloride	4.604	84	1112	8.951	ug/l #	68
25) 2-Butanone	6.902	43	329	8.491	ug/l #	41
29) Tetrahydrofuran	7.262	42	81	3.438	ug/l #	48
31) Cyclohexane	7.701	56	886	4.329	ug/l #	54
36) 1,1-Dichloropropene	7.707	75	1127	6.683	ug/l #	43
37) Ethyl Acetate	6.976	43	187	2.164	ug/l #	48
38) Carbon Tetrachloride	7.701	117	1458	7.667	ug/l #	13
39) Methylcyclohexane	9.103	83	1555	6.929	ug/l #	90
40) Benzene	8.079	78	20551	39.565	ug/l	97
41) Methacrylonitrile	7.177	41	165	3.276	ug/l #	38
42) 1,2-Dichloroethane	8.079	62	237	1.696	ug/l #	71
43) Isopropyl Acetate	8.170	43	497	2.738	ug/l #	47
48) Methyl methacrylate	9.213	41	135	1.575	ug/l #	31
51) 4-Methyl-2-Pentanone	9.999	43	2199	24.078	ug/l	92
52) Toluene	10.170	92	16137	48.305	ug/l	98
59) 2-Hexanone	10.810	43	144	2.151	ug/l	62
67) Ethyl Benzene	11.517	91	4596	7.909	ug/l	90
68) m/p-Xylenes	11.627	106	8757	39.851	ug/l	94
69) o-Xylene	11.956	106	6000	27.920	ug/l	94
70) Styrene	11.969	104	4267	11.760	ug/l #	77
73) Isopropylbenzene	12.255	105	613	2.507	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.529	83	165	3.801	ug/l #	56
76) 1,2,3-Trichloropropane	12.407	75	3321	105.108	ug/l #	100
78) n-propylbenzene	12.590	91	1311	4.523	ug/l	95
79) 2-Chlorotoluene	12.664	91	613	3.629	ug/l #	39

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ClientSampleId :

Quant Time: Sep 12 01:33:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

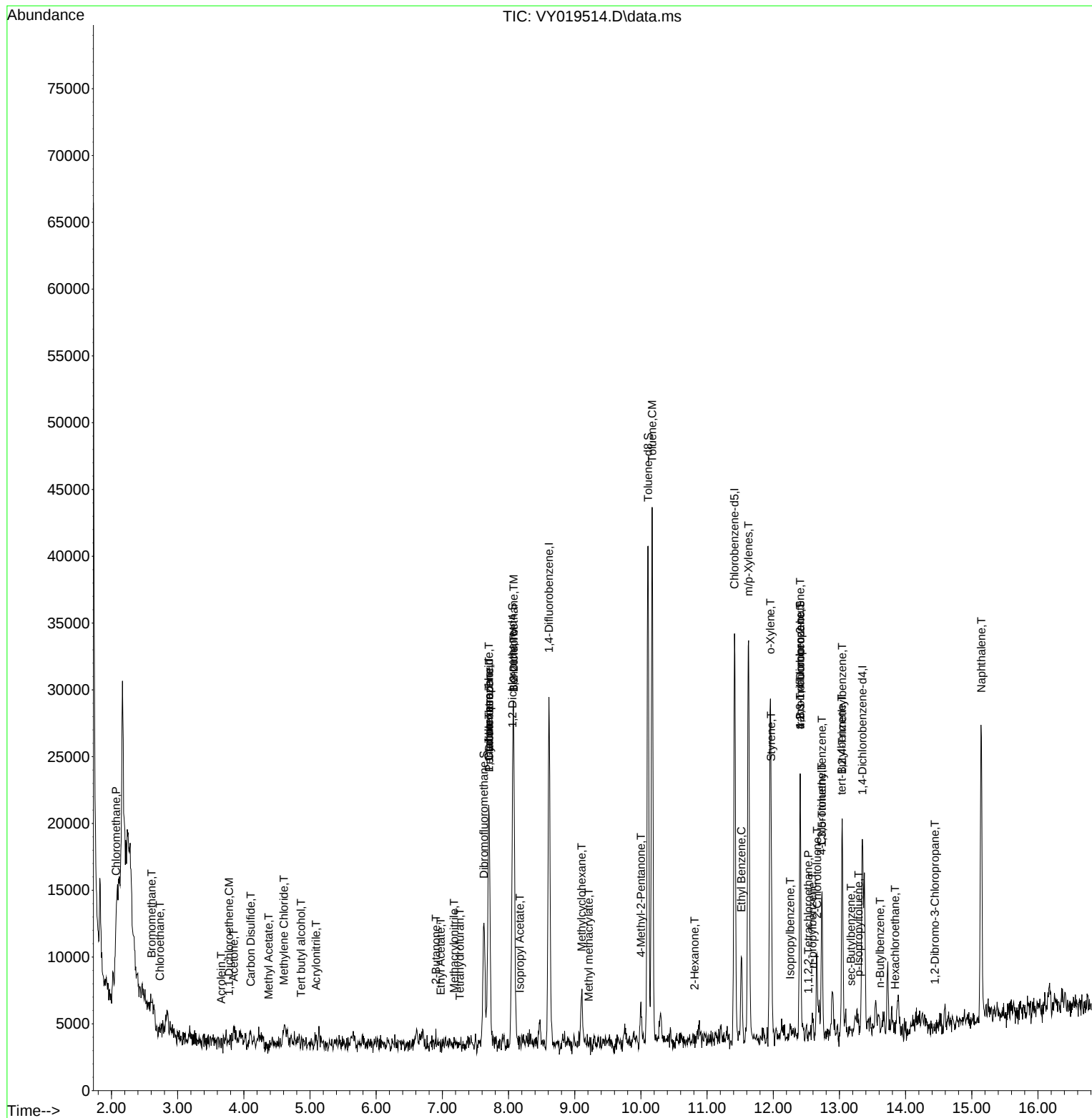
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.737	105	4054	20.391	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.407	75	3321	201.777	ug/l #	16
82) 4-Chlorotoluene	12.731	91	709	4.082	ug/l #	39
83) tert-Butylbenzene	13.035	119	1051	5.839	ug/l #	46
84) 1,2,4-Trimethylbenzene	13.042	105	8509	43.237	ug/l	94
85) sec-Butylbenzene	13.176	105	382	1.461	ug/l #	68
86) p-Isopropyltoluene	13.291	119	267	1.248	ug/l #	41
89) n-Butylbenzene	13.615	91	629	3.076	ug/l #	42
90) Hexachloroethane	13.840	117	57	1.281	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.444	75	44	6.082	ug/l #	1
95) Naphthalene	15.145	128	17353	151.488	ug/l	99

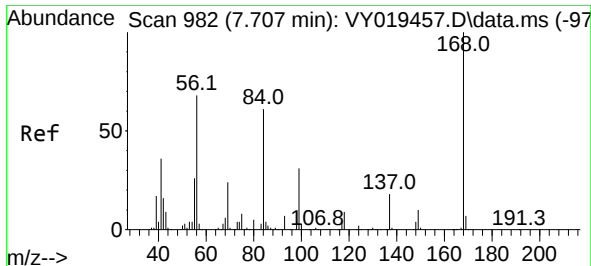
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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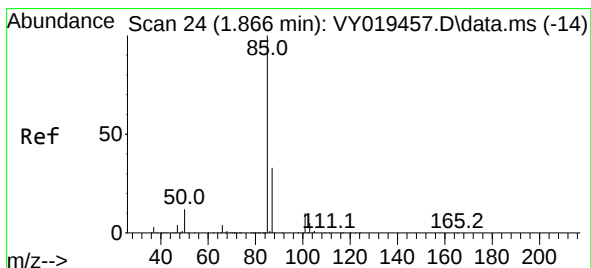
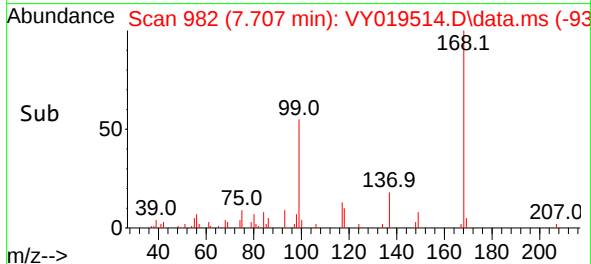
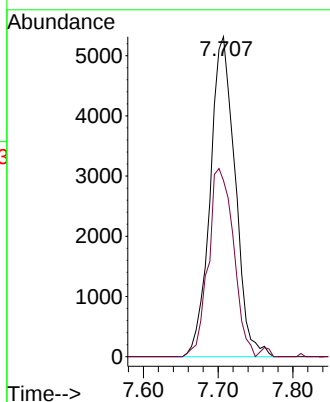
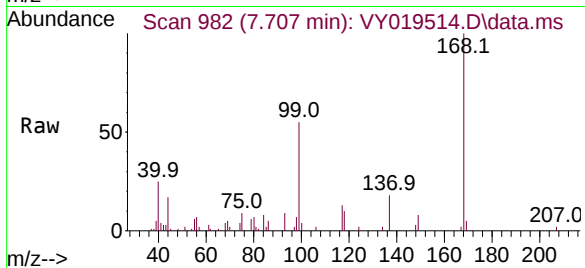




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

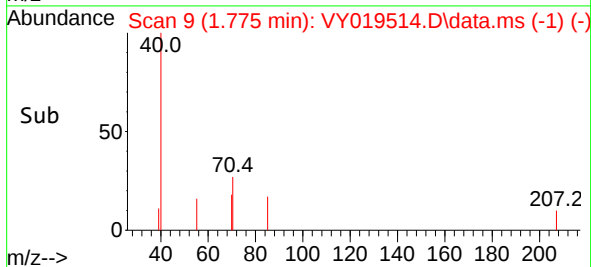
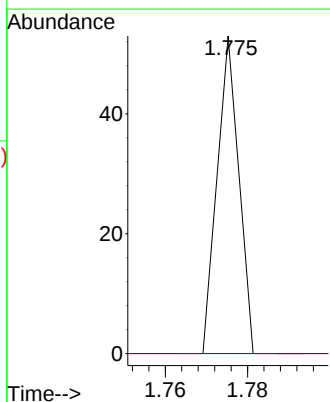
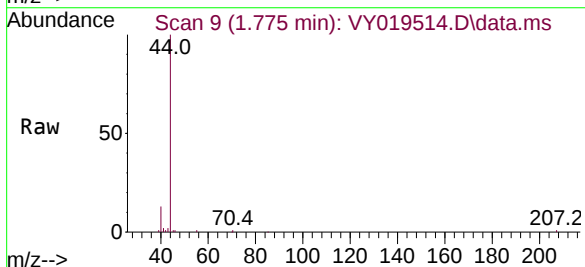
Instrument :
MSVOA_Y
ClientSampleId :

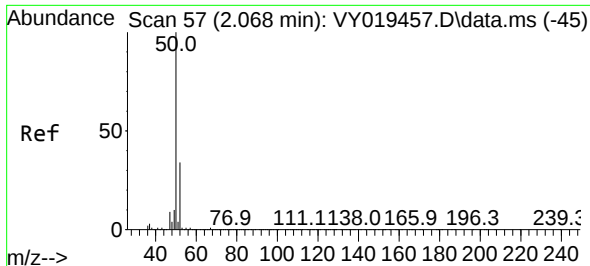
Tgt Ion:168 Resp: 12349
Ion Ratio Lower Upper
168 100
99 55.1 39.1 58.7



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.775 min Scan# 9
Delta R.T. -0.091 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

Tgt Ion: 85 Resp: 19
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

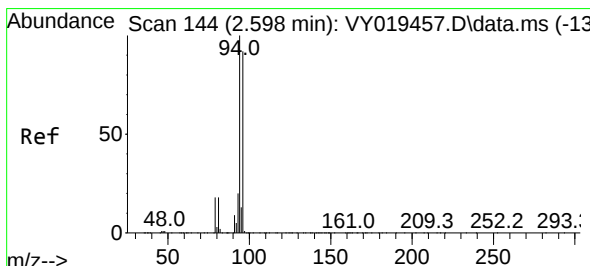
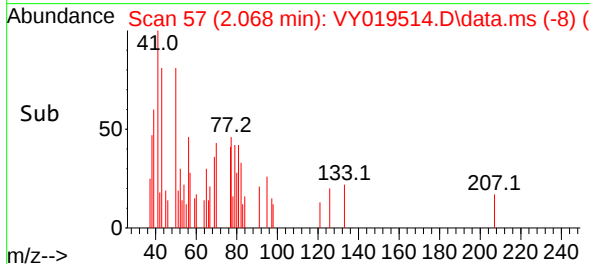
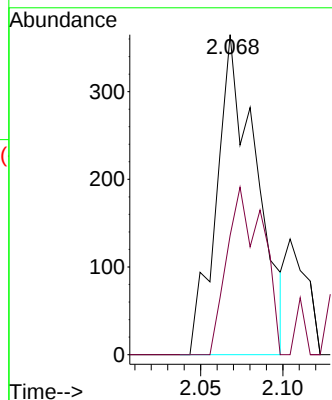
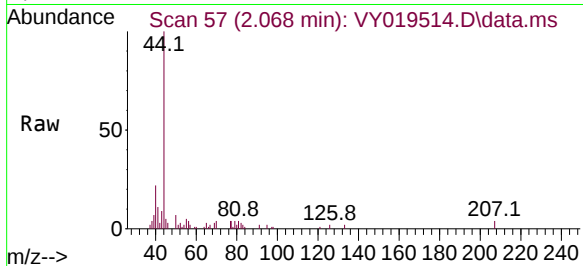




#3
Chloromethane
Concen: 6.029 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

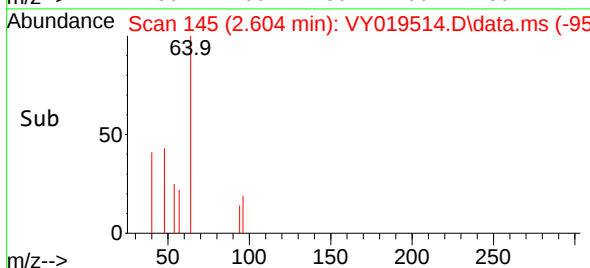
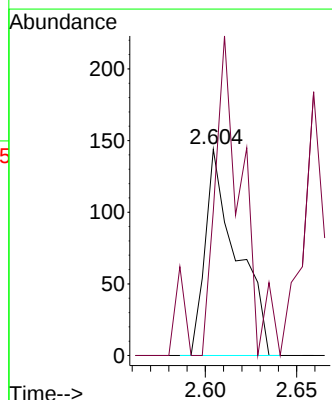
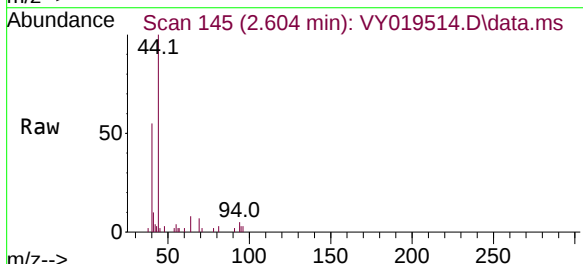
Instrument :
MSVOA_Y
ClientSampleId :

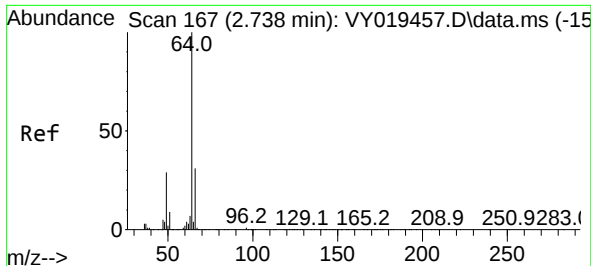
Tgt Ion: 50 Resp: 616
Ion Ratio Lower Upper
50 100
52 37.3 25.6 38.4



#5
Bromomethane
Concen: 2.564 ug/l
RT: 2.604 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

Tgt Ion: 94 Resp: 174
Ion Ratio Lower Upper
94 100
96 70.1 74.1 111.1#

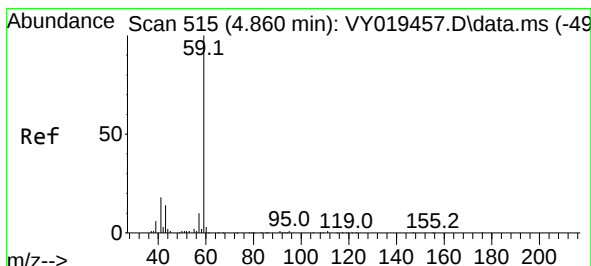
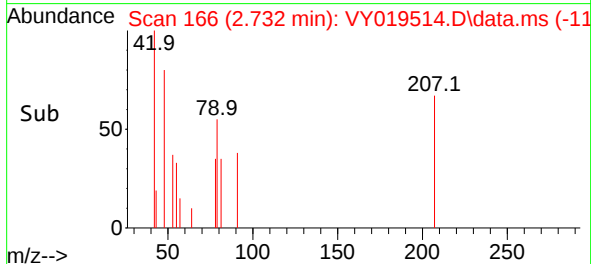
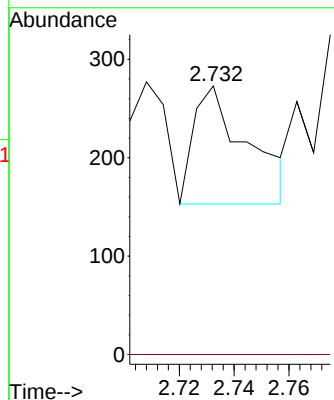
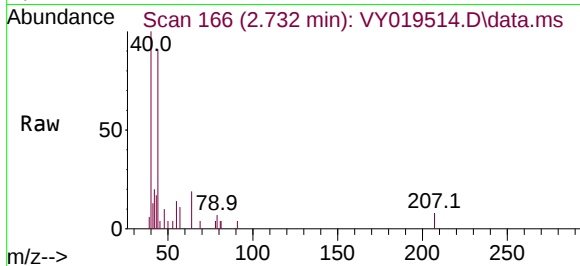




#6
Chloroethane
Concen: 2.243 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

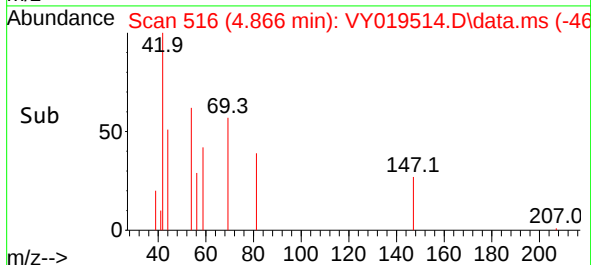
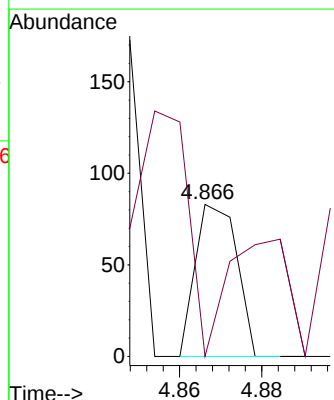
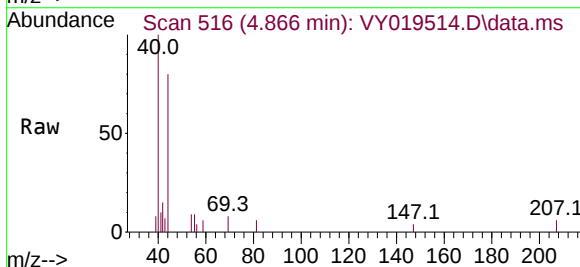
Instrument :
MSVOA_Y
ClientSampleId :

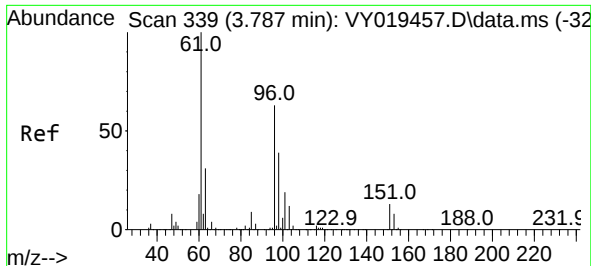
Tgt Ion: 64 Resp: 162
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#11
Tert butyl alcohol
Concen: 6.281 ug/l
RT: 4.866 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

Tgt Ion: 59 Resp: 58
Ion Ratio Lower Upper
59 100
57 263.8 3.0 4.6#





#12

1,1-Dichloroethene

Concen: 1.351 ug/l

RT: 3.775 min Scan# 31

Delta R.T. -0.012 min

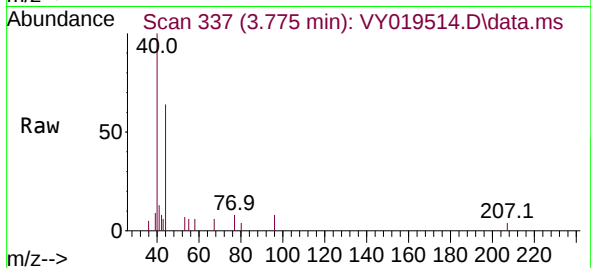
Lab File: VY019514.D

Acq: 11 Sep 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :



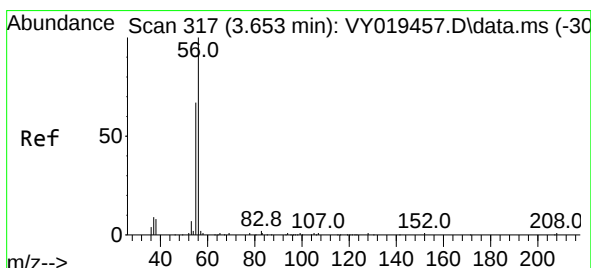
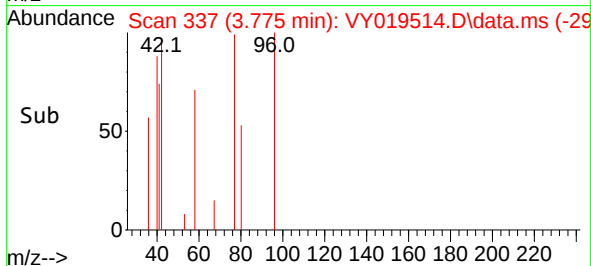
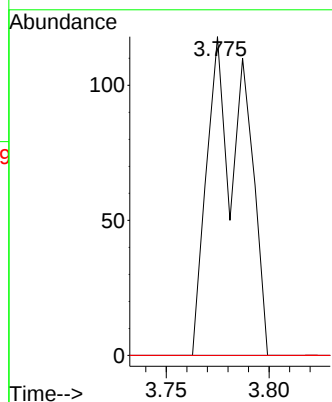
Tgt Ion: 96 Resp: 148

Ion Ratio Lower Upper

96 100

61 0.0 114.6 171.8#

98 0.0 50.8 76.2#



#13

Acrolein

Concen: 8.184 ug/l

RT: 3.659 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY019514.D

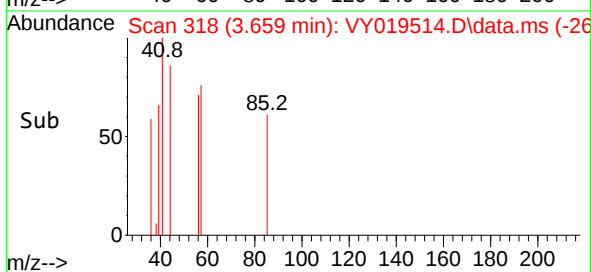
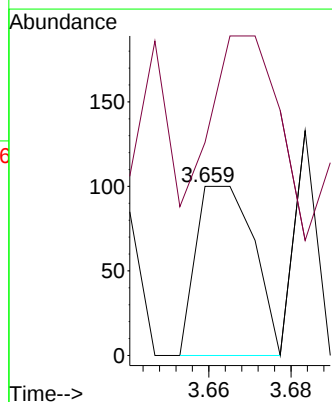
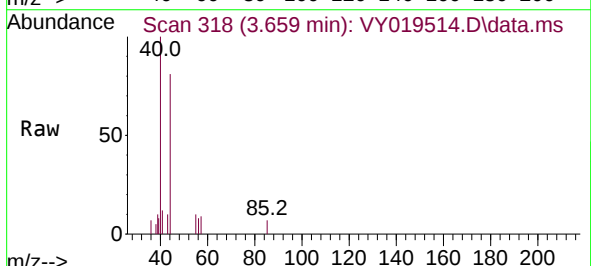
Acq: 11 Sep 2024 17:16

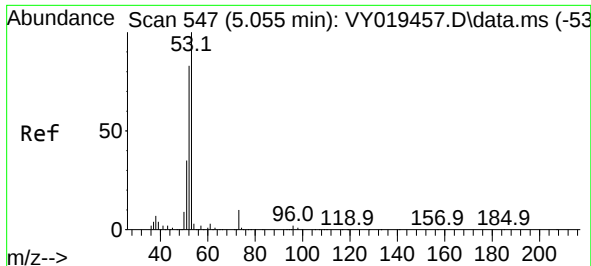
Tgt Ion: 56 Resp: 98

Ion Ratio Lower Upper

56 100

55 218.4 55.7 83.5#

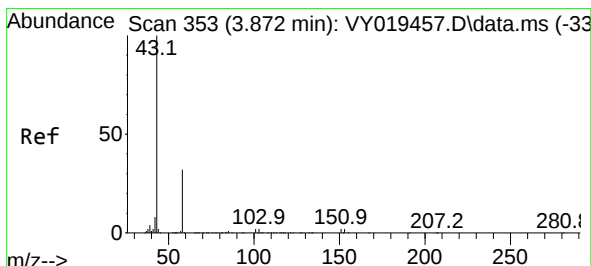
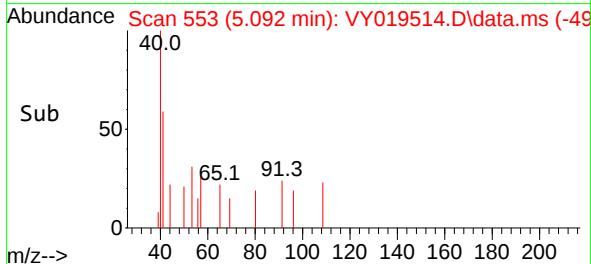
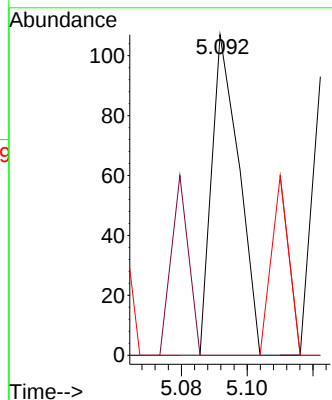
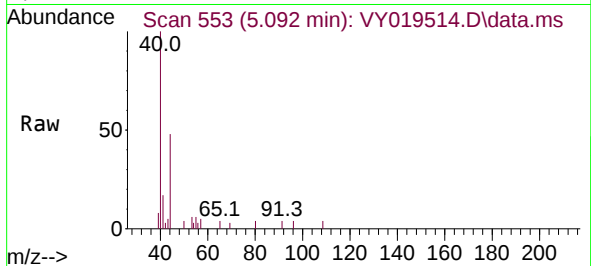




#15
Acrylonitrile
Concen: 2.326 ug/l
RT: 5.092 min Scan# 51
Delta R.T. 0.037 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

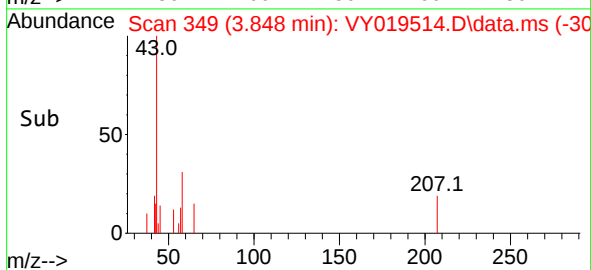
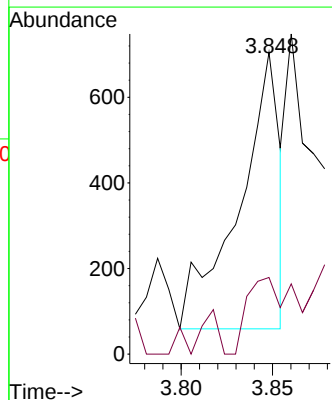
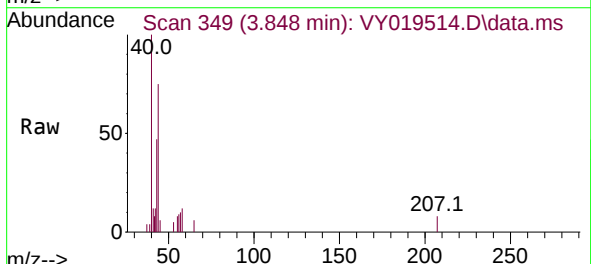
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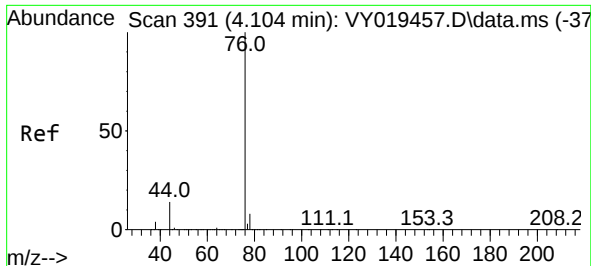
Tgt Ion: 53 Resp: 62
Ion Ratio Lower Upper
53 100
52 35.5 64.7 97.1#
51 0.0 28.4 42.6#



#16
Acetone
Concen: 36.818 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.024 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
58 18.0 31.7 47.5#

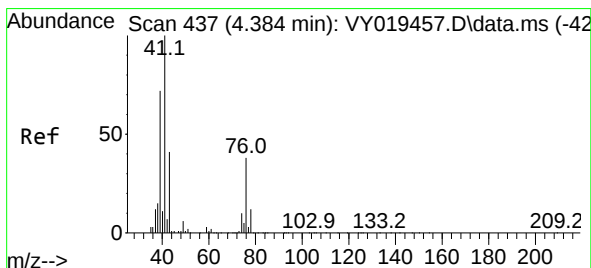
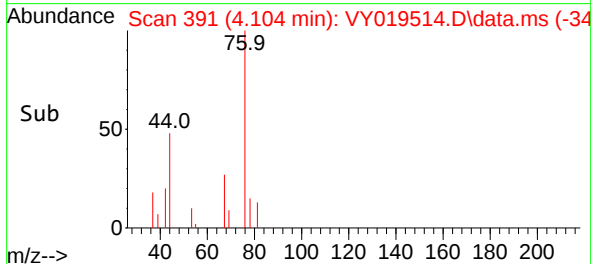
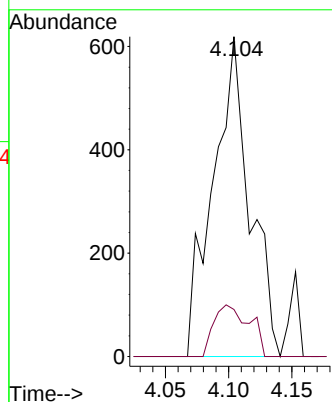
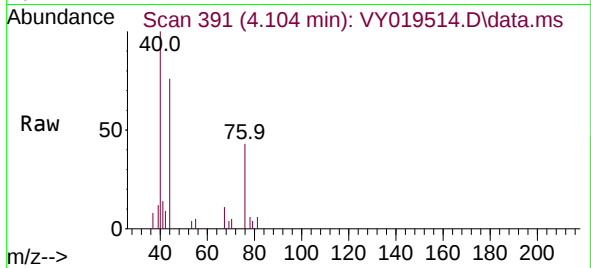




#17
Carbon Disulfide
Concen: 4.226 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

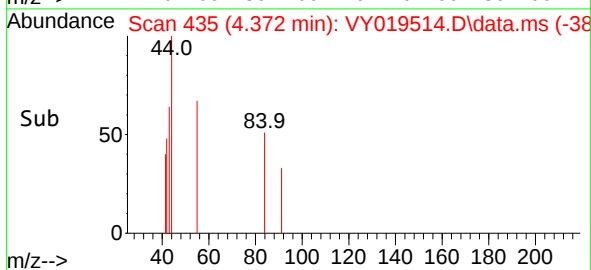
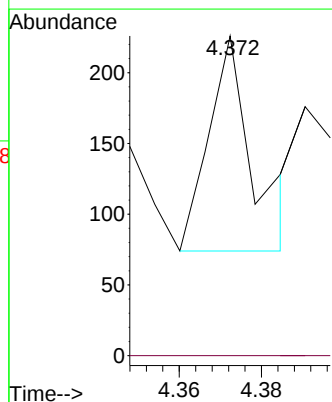
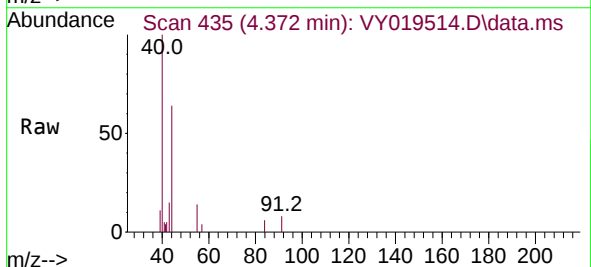
Instrument :
MSVOA_Y
ClientSampleId :

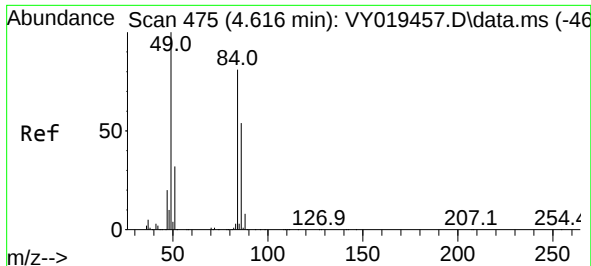
Tgt Ion: 76 Resp: 1251
Ion Ratio Lower Upper
76 100
78 14.7 6.8 10.2#



#18
Methyl Acetate
Concen: 1.528 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

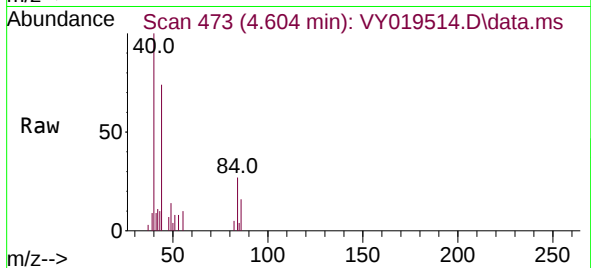
Tgt Ion: 43 Resp: 113
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



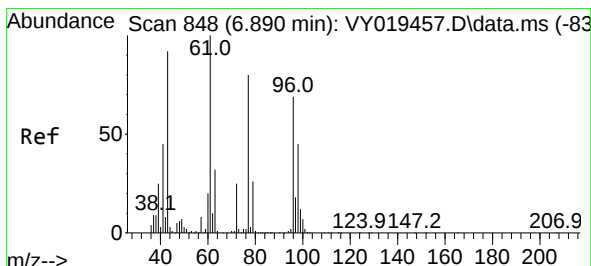
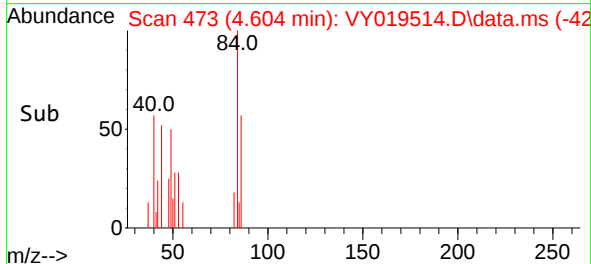
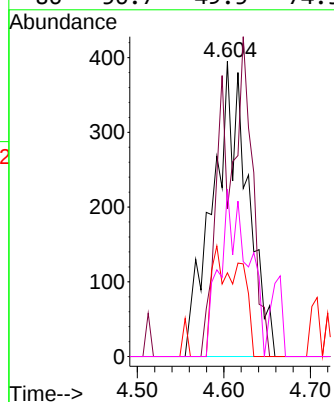


#20
Methylene Chloride
Concen: 8.951 ug/l
RT: 4.604 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

Instrument :
MSVOA_Y
ClientSampleId :

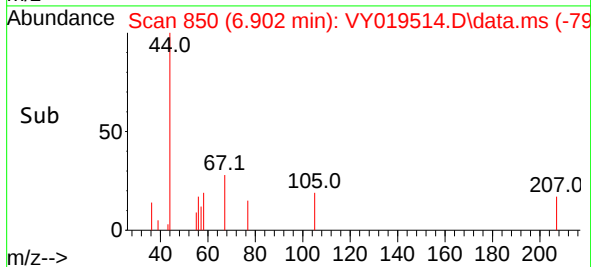
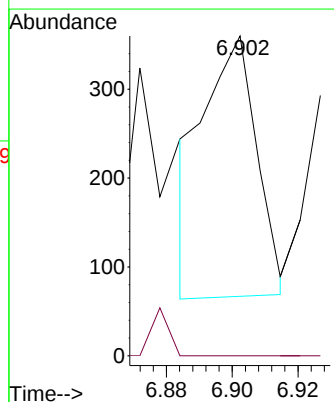
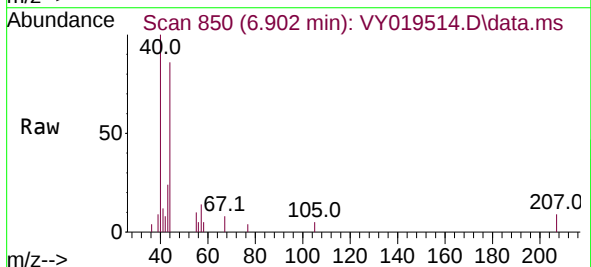


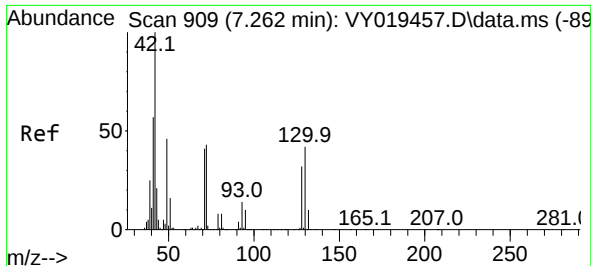
Tgt Ion:	84	Resp:	1112
Ion	Ratio	Lower	Upper
84	100		
49	50.1	84.4	126.6#
51	28.4	26.0	39.0
86	56.7	49.5	74.3



#25
2-Butanone
Concen: 8.491 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

Tgt Ion:	43	Resp:	329
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#

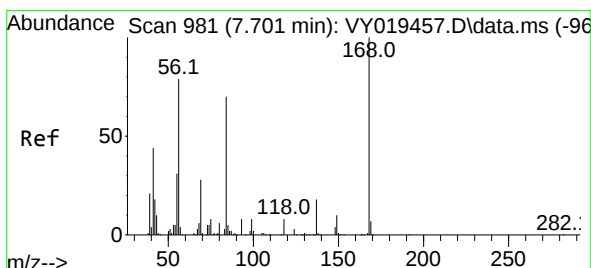
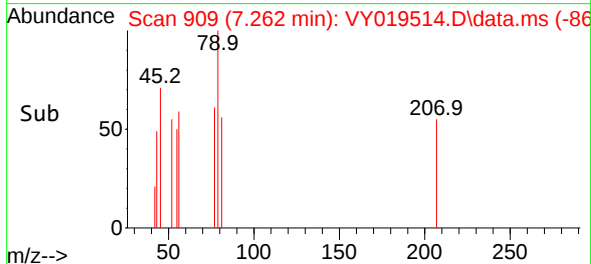
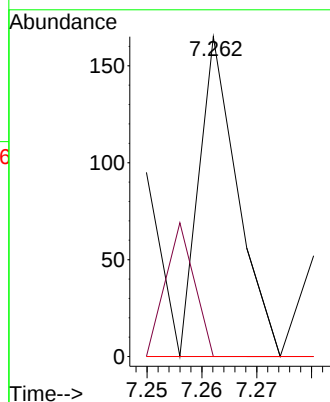
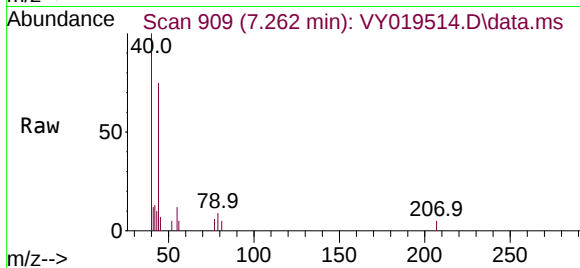




#29
Tetrahydrofuran
Concen: 3.438 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

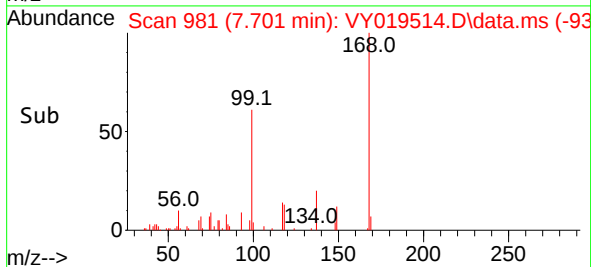
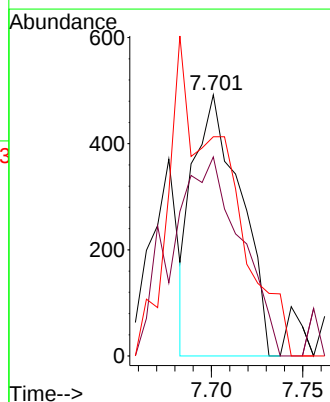
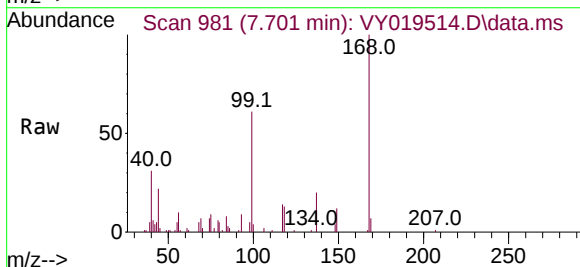
Instrument :
MSVOA_Y
ClientSampleId :

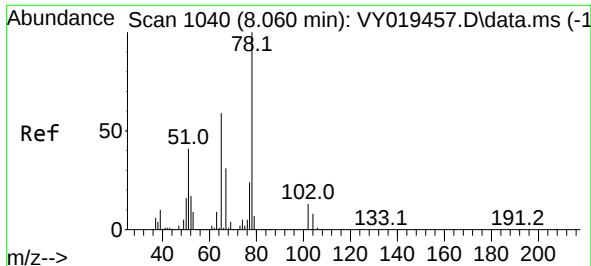
Tgt Ion: 42 Resp: 81
Ion Ratio Lower Upper
42 100
72 30.9 43.0 64.4#
71 0.0 40.8 61.2#



#31
Cyclohexane
Concen: 4.329 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

Tgt Ion: 56 Resp: 886
Ion Ratio Lower Upper
56 100
69 76.2 28.7 43.1#
84 60.2 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 65.108 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019514.D

Acq: 11 Sep 2024 17:16

Instrument :

MSVOA_Y

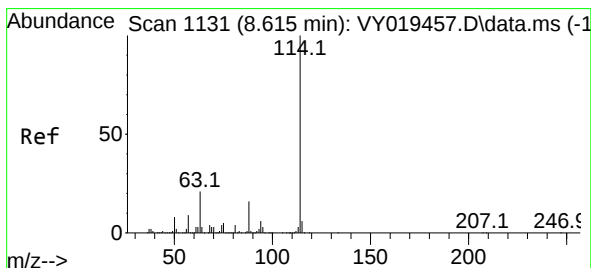
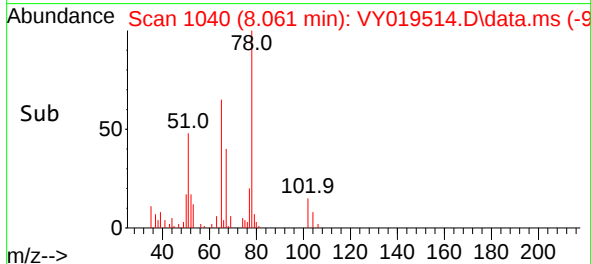
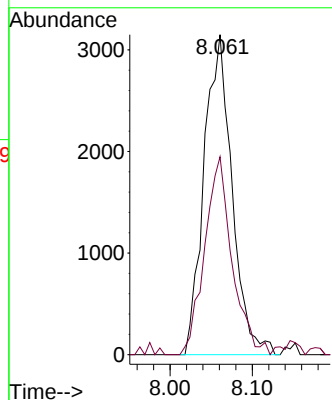
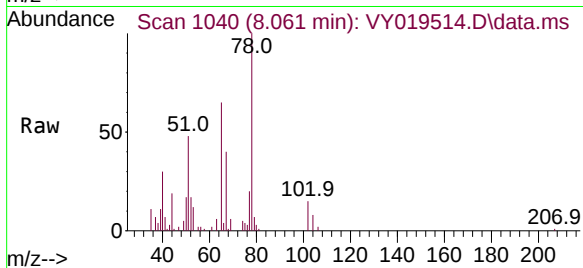
ClientSampleId :

Tgt Ion: 65 Resp: 7445

Ion Ratio Lower Upper

65 100

67 60.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019514.D

Acq: 11 Sep 2024 17:16

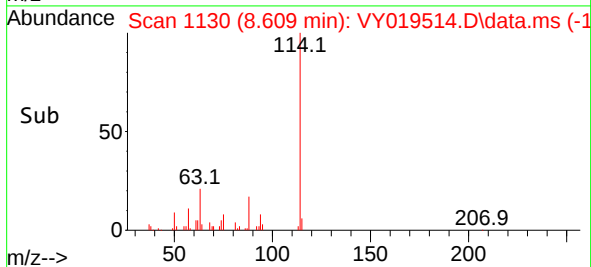
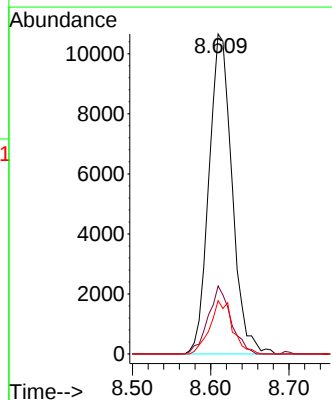
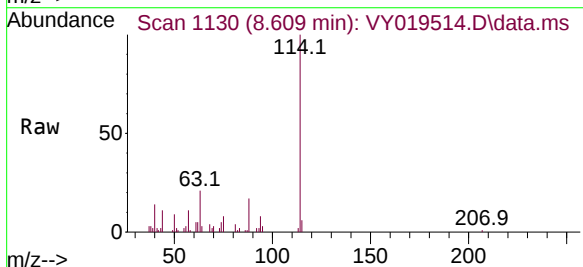
Tgt Ion: 114 Resp: 21859

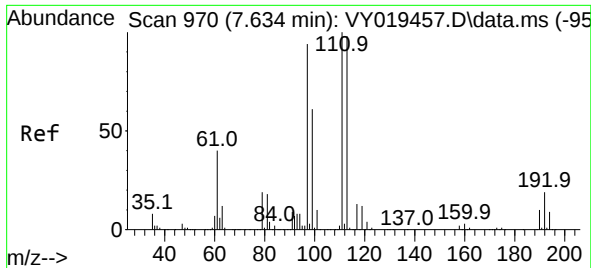
Ion Ratio Lower Upper

114 100

63 21.3 0.0 35.0

88 16.6 0.0 27.2

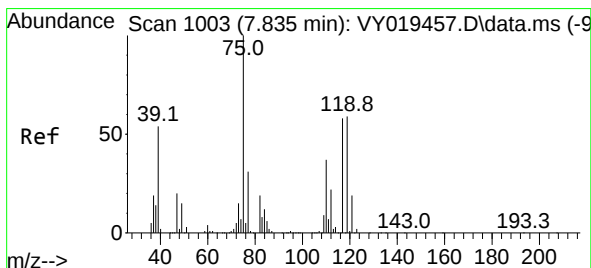
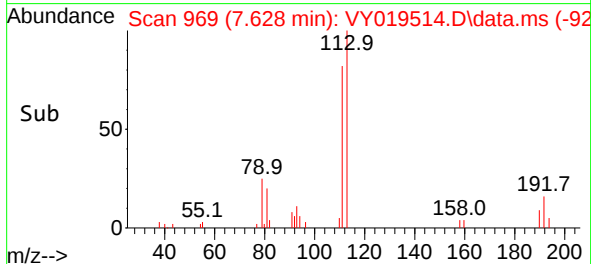
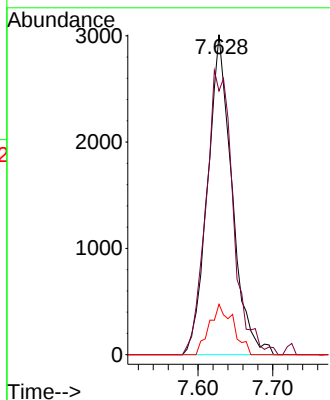
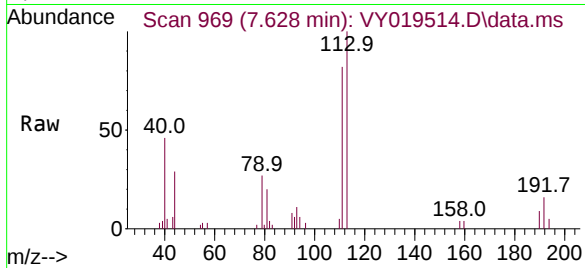




#35
Dibromofluoromethane
Concen: 55.165 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

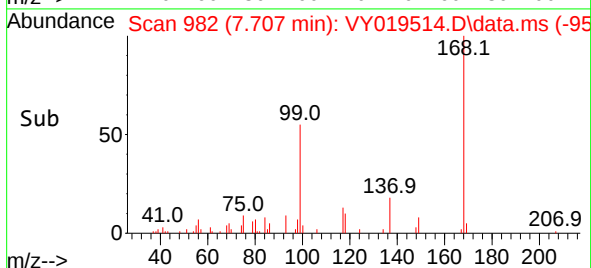
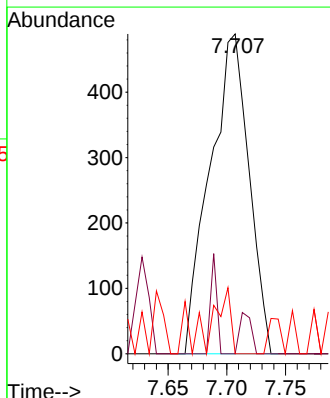
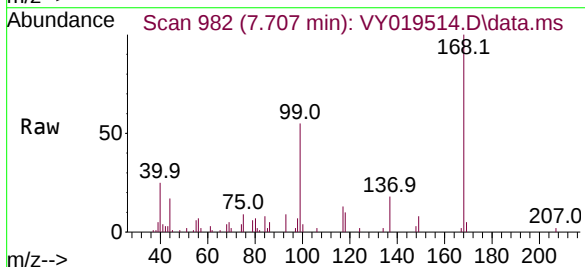
Instrument :
MSVOA_Y
ClientSampleId :

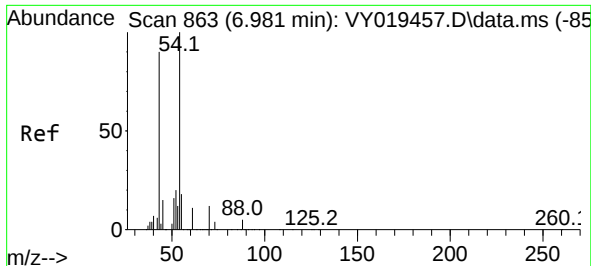
Tgt Ion:113 Resp: 6837
Ion Ratio Lower Upper
113 100
111 98.9 82.2 123.4
192 15.4 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 6.683 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

Tgt Ion: 75 Resp: 1127
Ion Ratio Lower Upper
75 100
110 3.8 19.0 57.0#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 2.164 ug/l

RT: 6.976 min Scan# 80

Delta R.T. -0.006 min

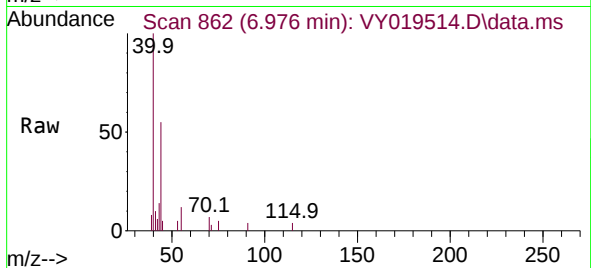
Lab File: VY019514.D

Acq: 11 Sep 2024 17:16

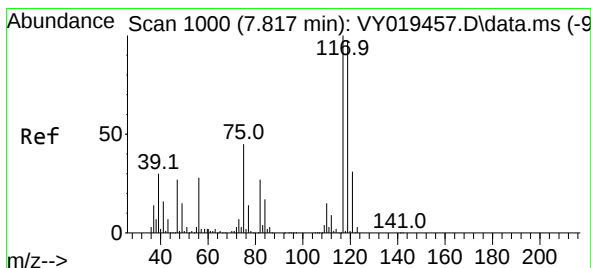
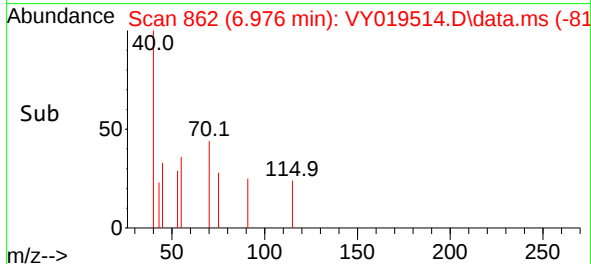
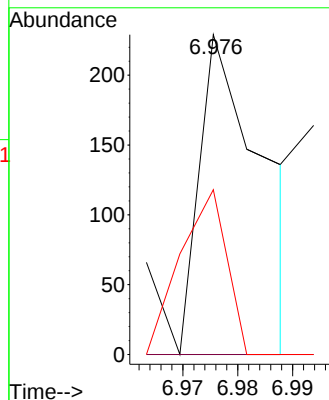
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	187
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.6	19.0#
70	37.4	7.8	11.8#



#38

Carbon Tetrachloride

Concen: 7.667 ug/l

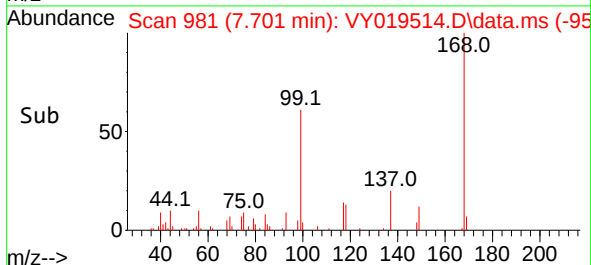
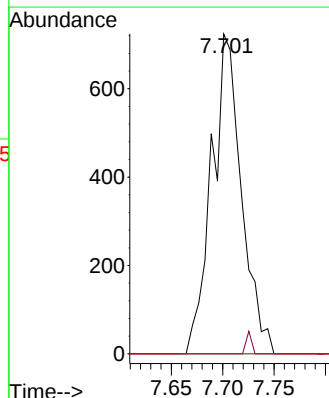
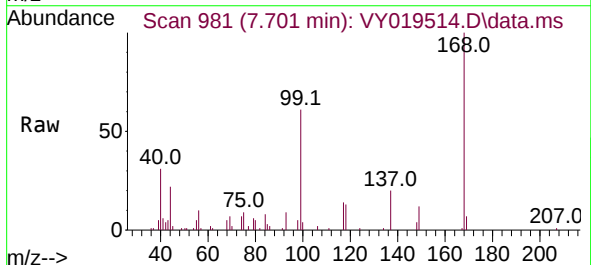
RT: 7.701 min Scan# 981

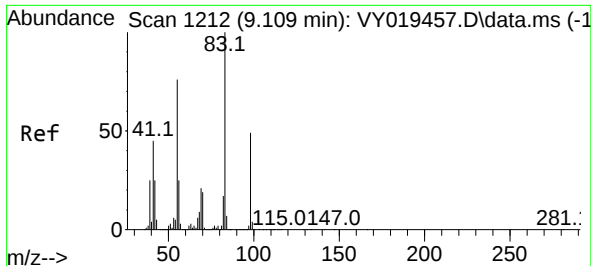
Delta R.T. -0.116 min

Lab File: VY019514.D

Acq: 11 Sep 2024 17:16

Tgt Ion:	117	Resp:	1458
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.6#
121	0.0	24.0	36.0#





#39

Methylcyclohexane

Concen: 6.929 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.006 min

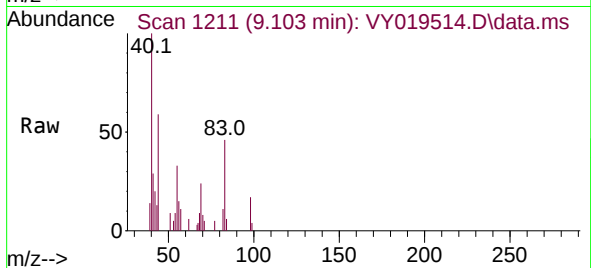
Lab File: VY019514.D

Acq: 11 Sep 2024 17:16

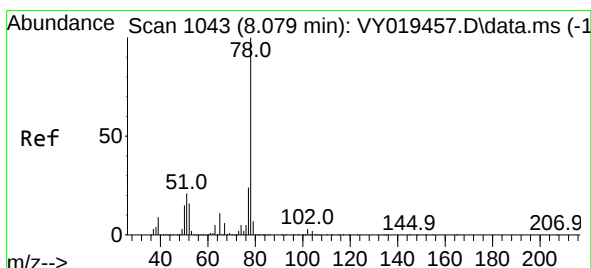
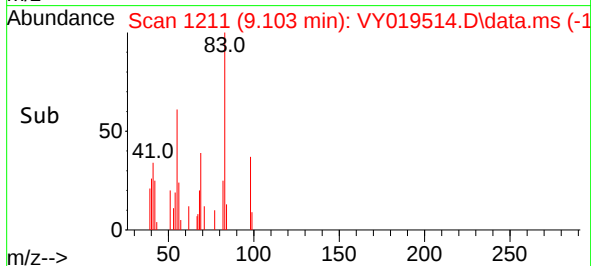
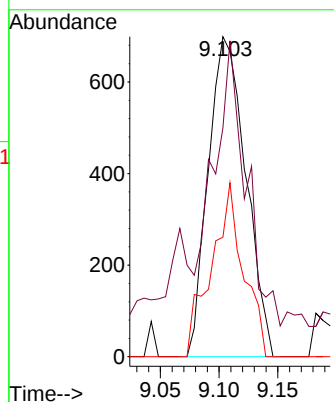
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	83	Resp:	1555
Ion	Ratio	Lower	Upper
83	100		
55	61.9	51.5	77.3
98	37.3	40.5	60.7#



#40

Benzene

Concen: 39.565 ug/l

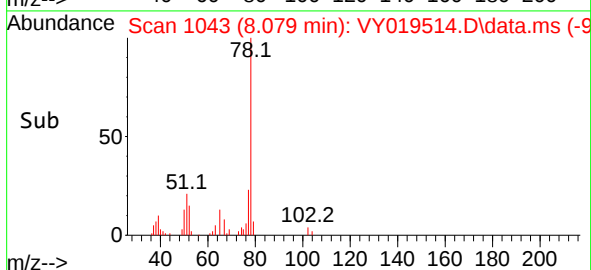
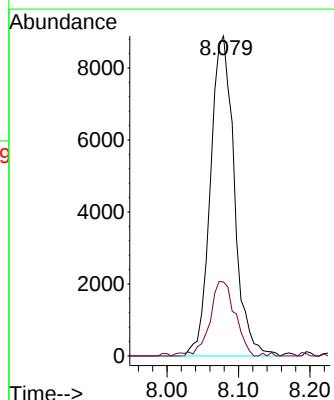
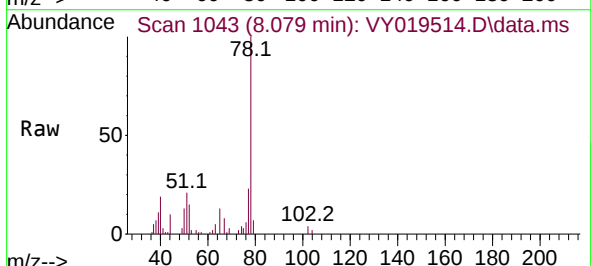
RT: 8.079 min Scan# 1043

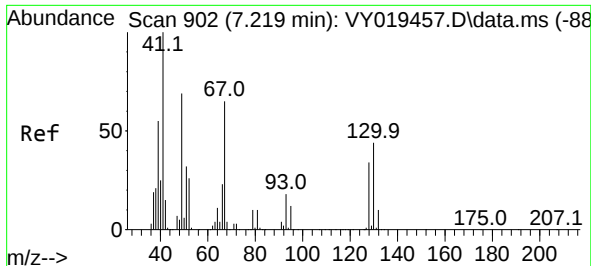
Delta R.T. 0.000 min

Lab File: VY019514.D

Acq: 11 Sep 2024 17:16

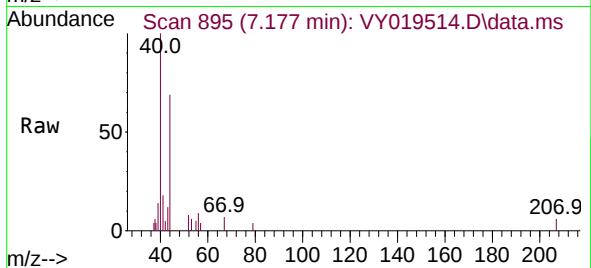
Tgt Ion:	78	Resp:	20551
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.5	29.3



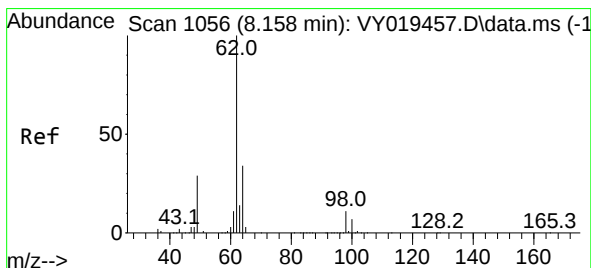
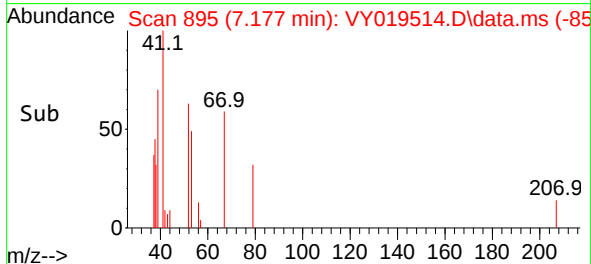
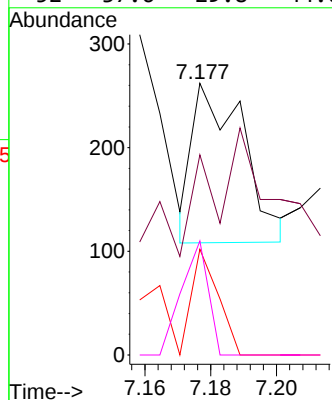


#41
Methacrylonitrile
Concen: 3.276 ug/l
RT: 7.177 min Scan# 895
Delta R.T. -0.042 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

Instrument :
MSVOA_Y
ClientSampleId :

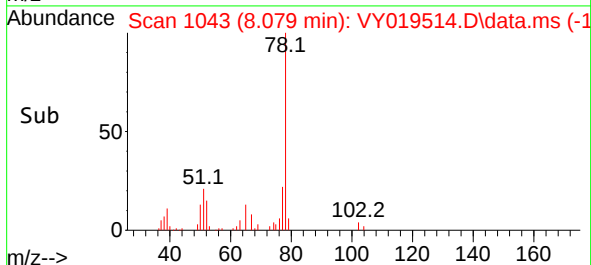
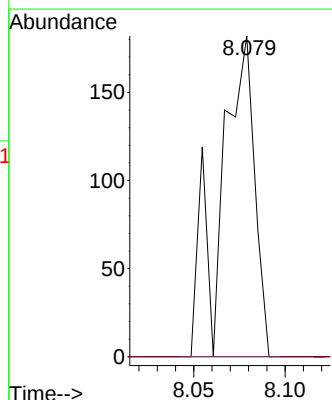
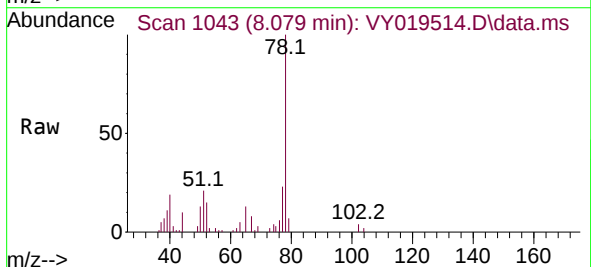


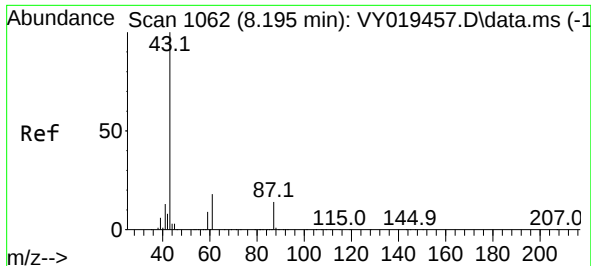
Tgt Ion: 41	Resp: 165
Ion Ratio	Lower Upper
41 100	
39 136.4	48.0 72.0#
67 34.5	75.1 112.7#
52 37.6	29.8 44.6



#42
1,2-Dichloroethane
Concen: 1.696 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.079 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

Tgt Ion: 62	Resp: 237		
Ion Ratio	Lower	Upper	
62 100			
98 0.0	0.0	22.0	





#43

Isopropyl Acetate

Concen: 2.738 ug/l

RT: 8.170 min Scan# 1058

Delta R.T. -0.024 min

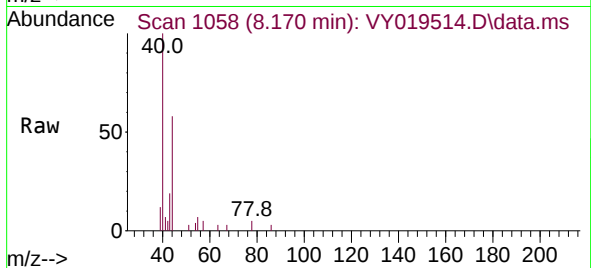
Lab File: VY019514.D

Acq: 11 Sep 2024 17:16

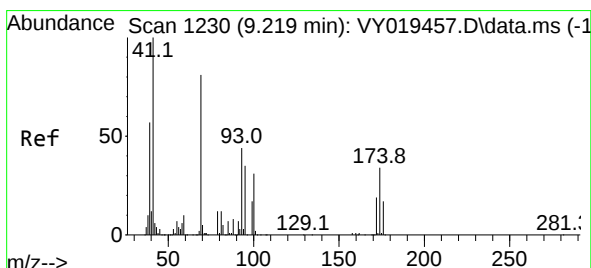
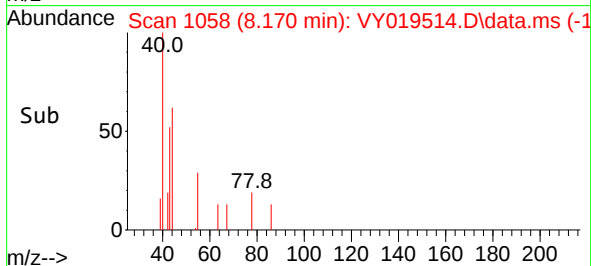
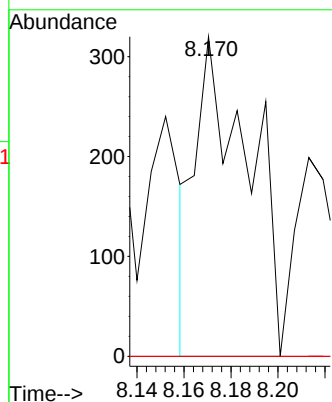
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	497
Ion	Ratio	Lower	Upper
43	100		
61	0.0	27.9	41.9#
87	0.0	13.1	19.7#



#48

Methyl methacrylate

Concen: 1.575 ug/l

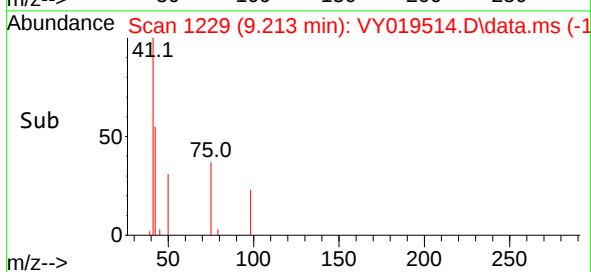
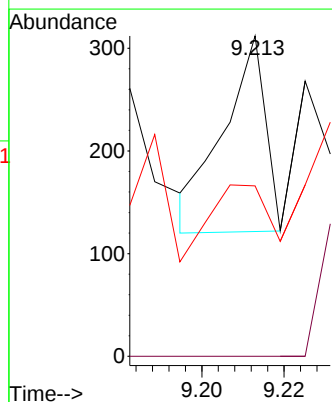
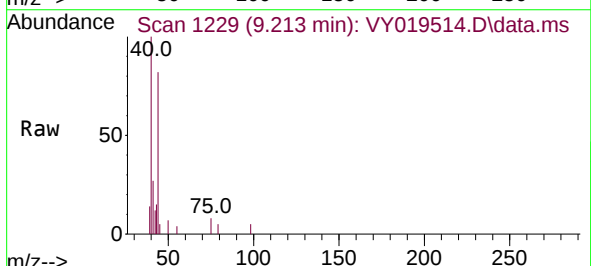
RT: 9.213 min Scan# 1229

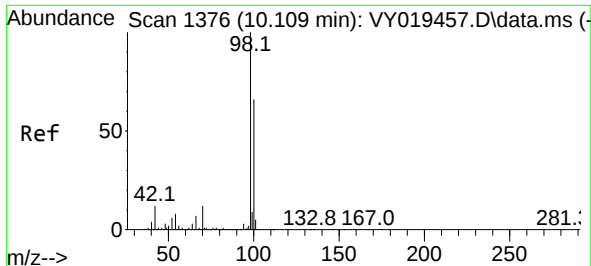
Delta R.T. -0.006 min

Lab File: VY019514.D

Acq: 11 Sep 2024 17:16

Tgt Ion:	41	Resp:	135
Ion	Ratio	Lower	Upper
41	100		
69	0.0	84.1	126.1#
39	58.5	43.6	65.4

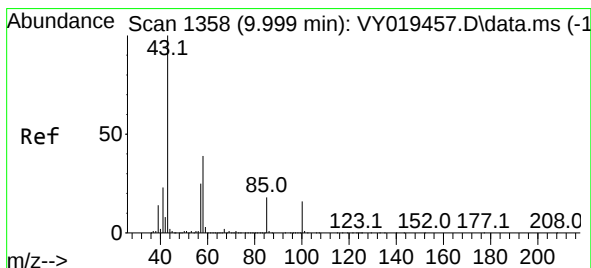
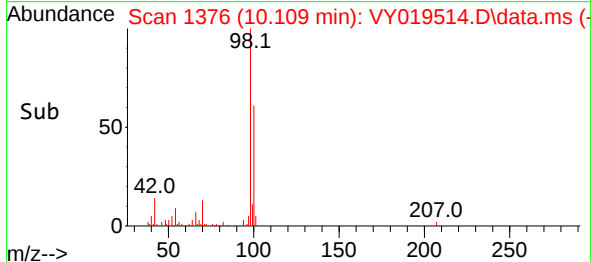
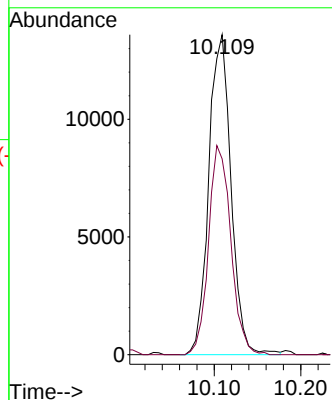
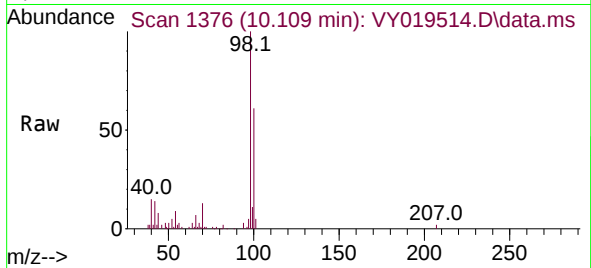




#50
Toluene-d8
Concen: 53.016 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

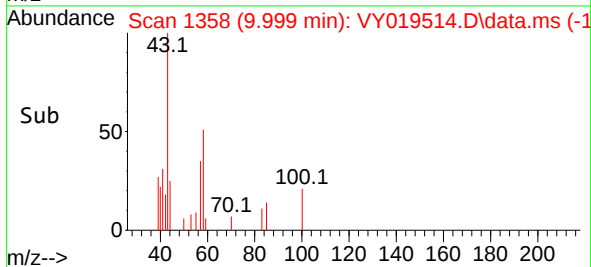
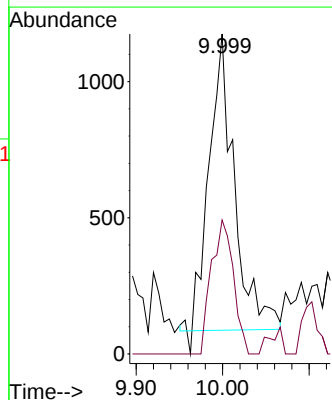
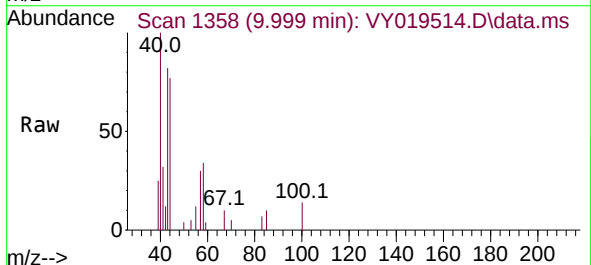
Instrument :
MSVOA_Y
ClientSampleId :

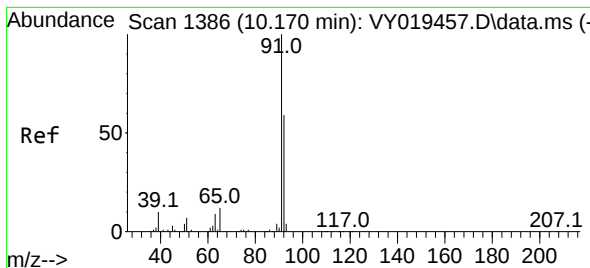
Tgt Ion: 98 Resp: 24303
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 24.078 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

Tgt Ion: 43 Resp: 2199
Ion Ratio Lower Upper
43 100
58 39.5 35.7 53.5





#52

Toluene

Concen: 48.305 ug/l

RT: 10.170 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019514.D

Acq: 11 Sep 2024 17:16

Instrument :

MSVOA_Y

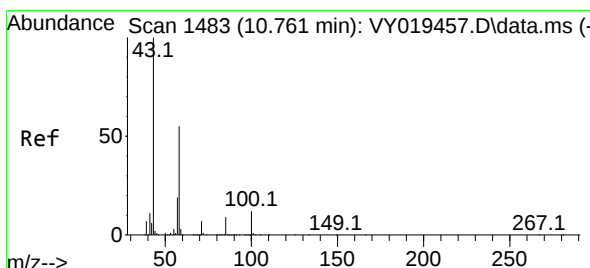
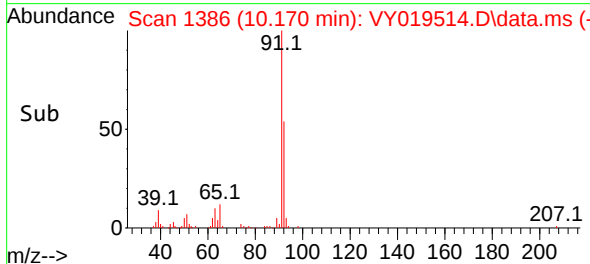
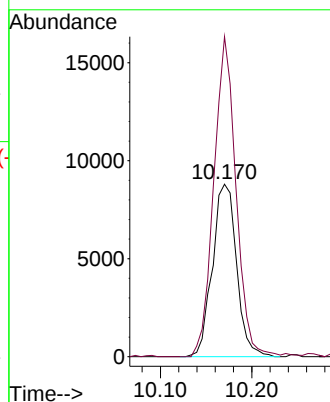
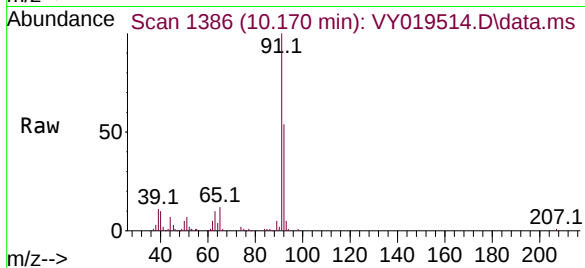
ClientSampleId :

Tgt Ion: 92 Resp: 16137

Ion Ratio Lower Upper

92 100

91 170.6 139.0 208.6



#59

2-Hexanone

Concen: 2.151 ug/l

RT: 10.810 min Scan# 1491

Delta R.T. 0.049 min

Lab File: VY019514.D

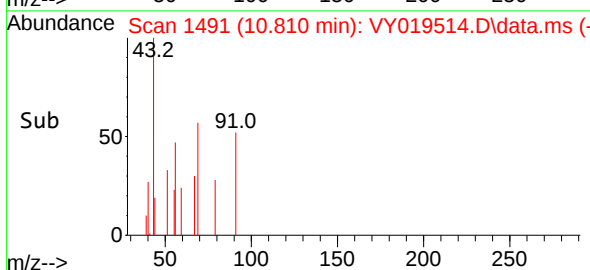
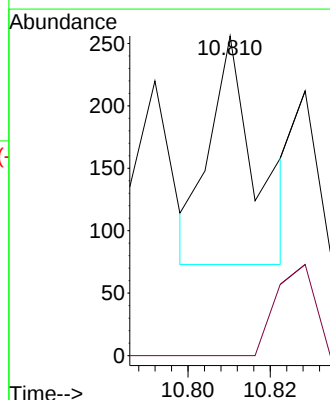
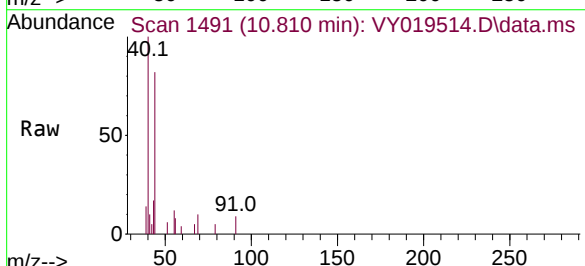
Acq: 11 Sep 2024 17:16

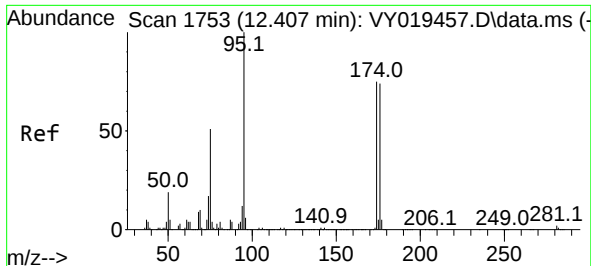
Tgt Ion: 43 Resp: 144

Ion Ratio Lower Upper

43 100

58 33.3 31.4 94.0

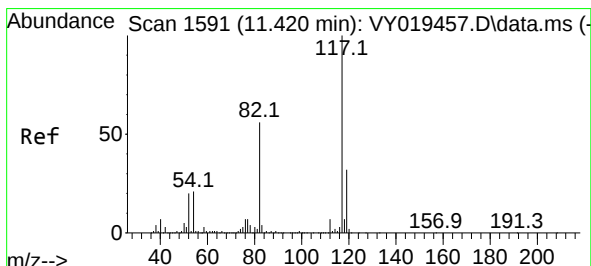
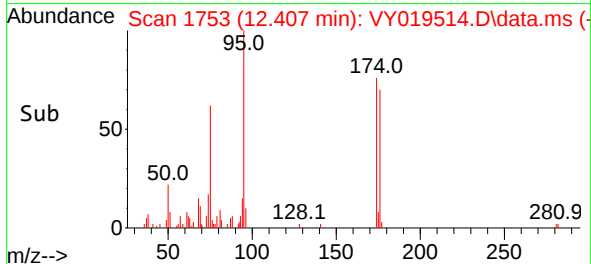
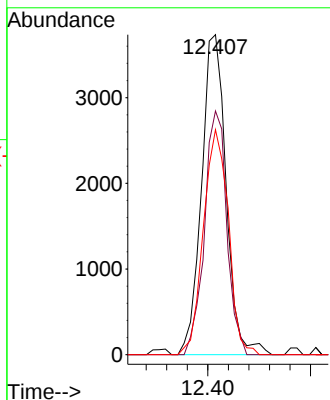
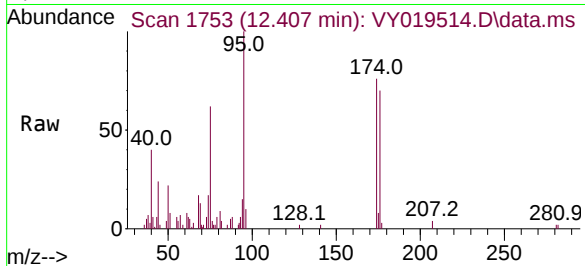




#62
4-Bromofluorobenzene
Concen: 35.163 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

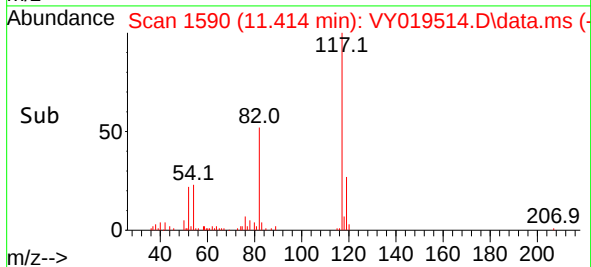
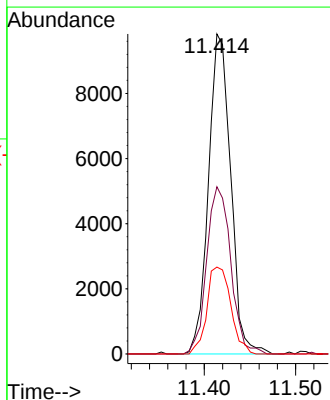
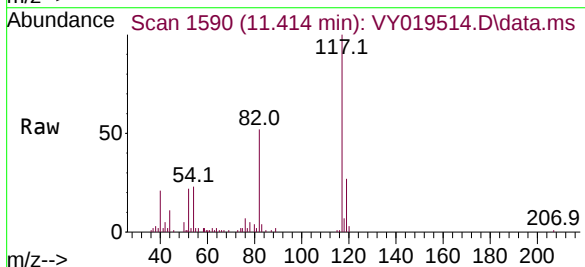
Instrument :
MSVOA_Y
ClientSampleId :

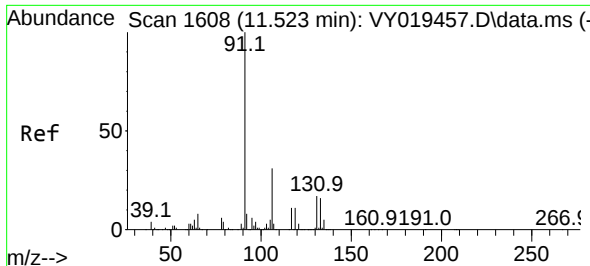
Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.2	0.0	175.6
176	71.3	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.4	63.6
119	27.1	25.9	38.9





#67

Ethyl Benzene

Concen: 7.909 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019514.D

Acq: 11 Sep 2024 17:16

Instrument :

MSVOA_Y

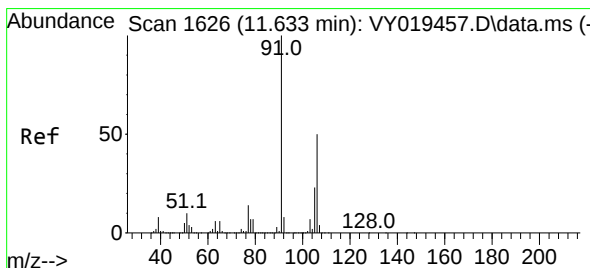
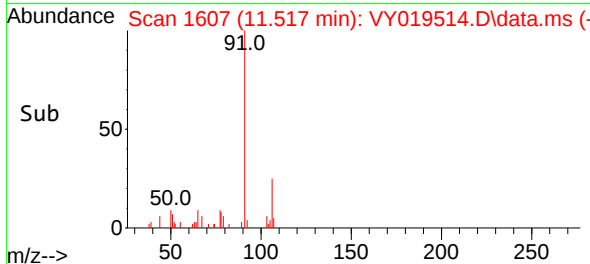
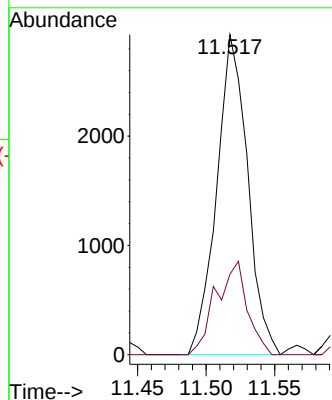
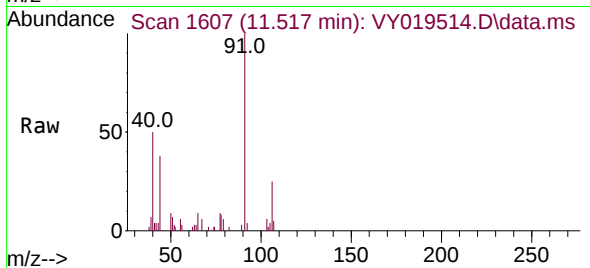
ClientSampleId :

Tgt Ion: 91 Resp: 4596

Ion Ratio Lower Upper

91 100

106 25.1 24.5 36.7



#68

m/p-Xylenes

Concen: 39.851 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019514.D

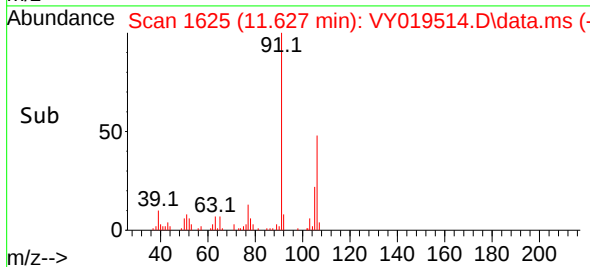
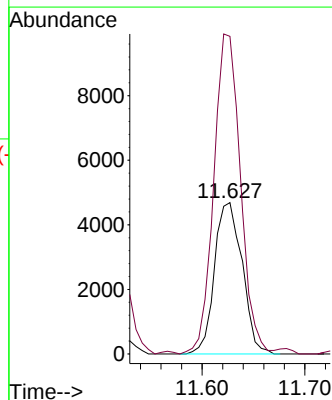
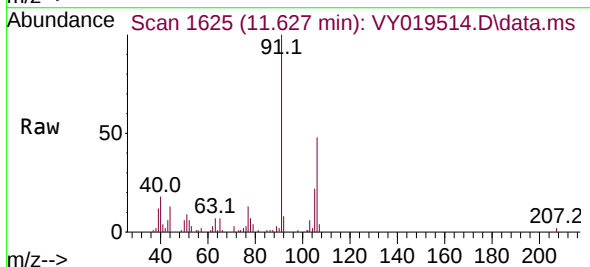
Acq: 11 Sep 2024 17:16

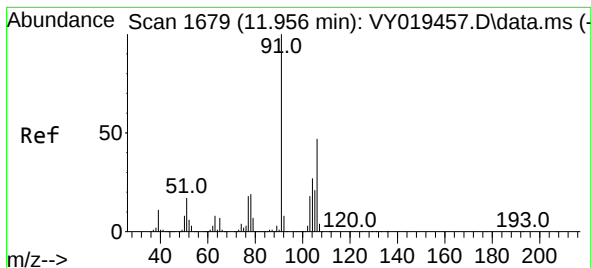
Tgt Ion: 106 Resp: 8757

Ion Ratio Lower Upper

106 100

91 204.6 156.0 234.0





#69

o-Xylene

Concen: 27.920 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019514.D

Acq: 11 Sep 2024 17:16

Instrument :

MSVOA_Y

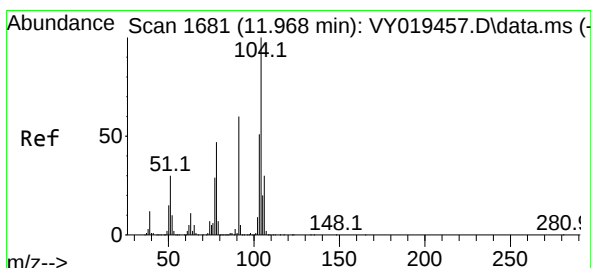
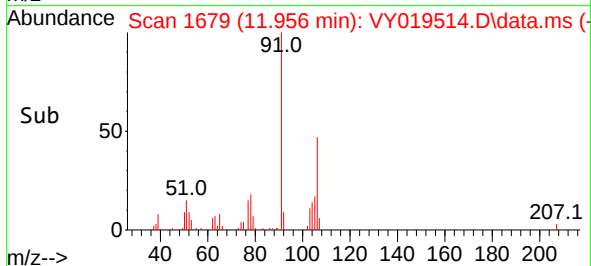
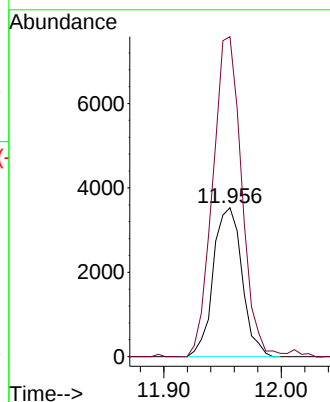
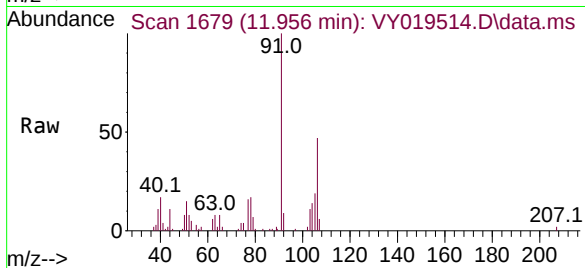
ClientSampleId :

Tgt Ion:106 Resp: 6000

Ion Ratio Lower Upper

106 100

91 216.3 103.6 310.8



#70

Styrene

Concen: 11.760 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019514.D

Acq: 11 Sep 2024 17:16

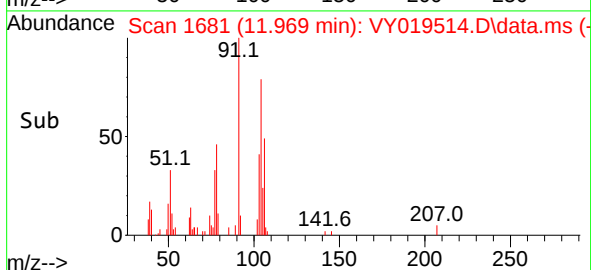
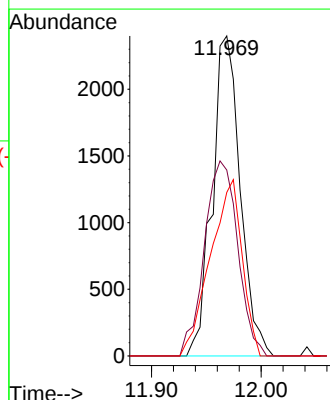
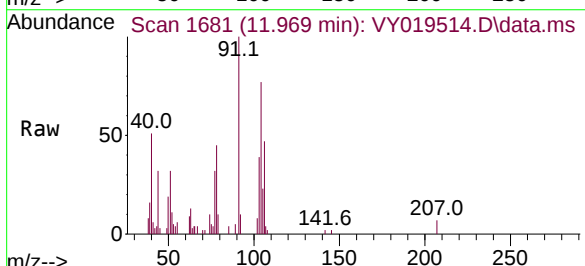
Tgt Ion:104 Resp: 4267

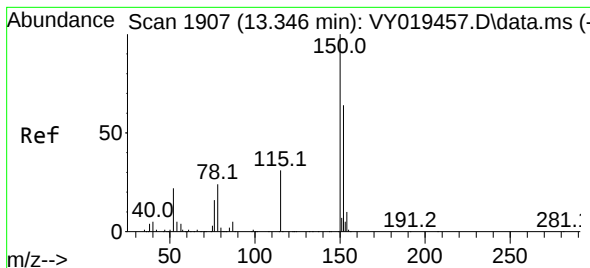
Ion Ratio Lower Upper

104 100

78 72.4 37.0 55.4#

103 62.4 44.2 66.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019514.D

Acq: 11 Sep 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

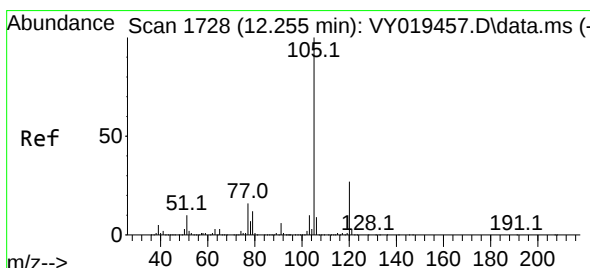
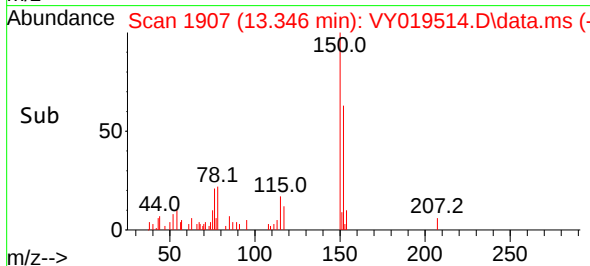
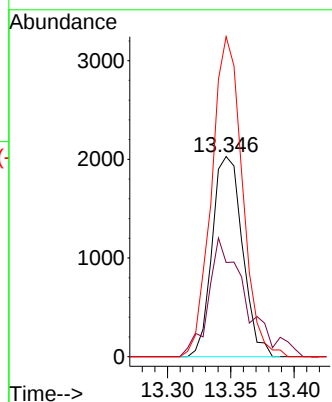
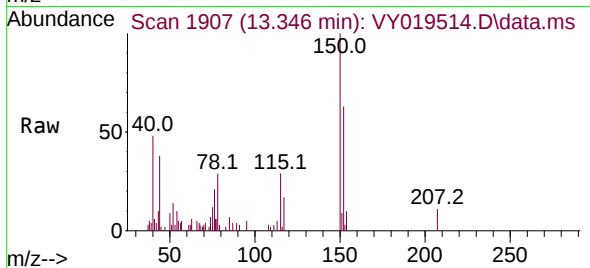
Tgt Ion:152 Resp: 3371

Ion Ratio Lower Upper

152 100

115 73.7 28.2 84.7

150 162.9 0.0 345.6



#73

Isopropylbenzene

Concen: 2.507 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019514.D

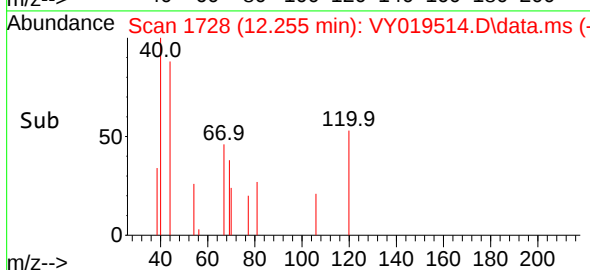
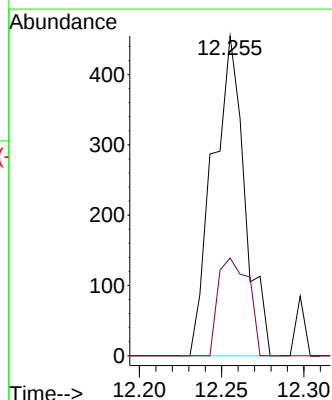
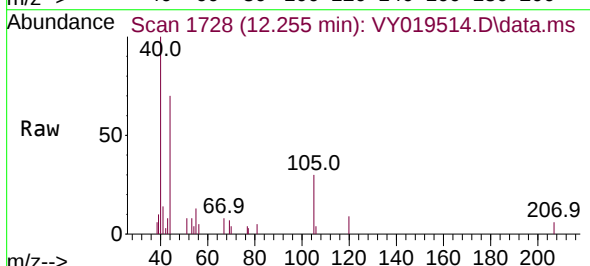
Acq: 11 Sep 2024 17:16

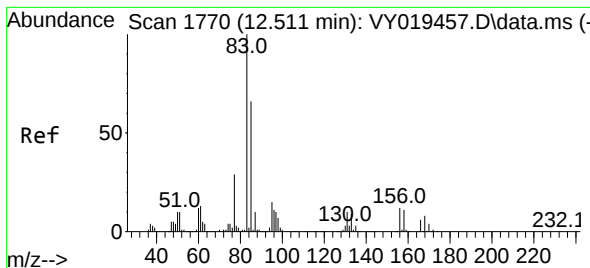
Tgt Ion:105 Resp: 613

Ion Ratio Lower Upper

105 100

120 29.2 13.4 40.1





#75

1,1,2,2-Tetrachloroethane

Concen: 3.801 ug/l

RT: 12.529 min Scan# 1753

Delta R.T. 0.019 min

Lab File: VY019514.D

Acq: 11 Sep 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

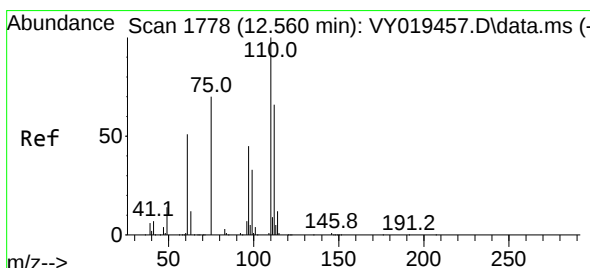
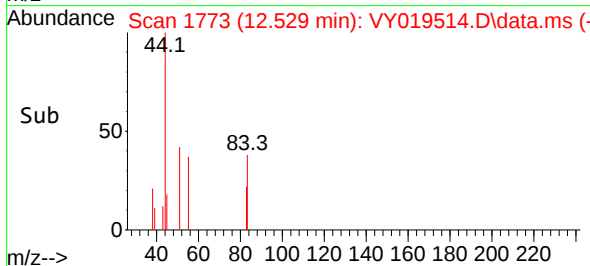
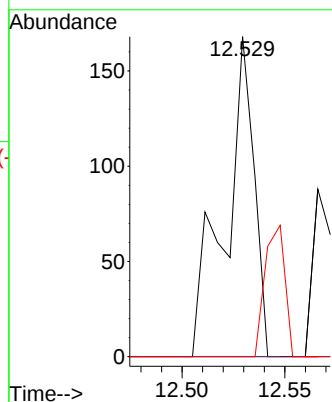
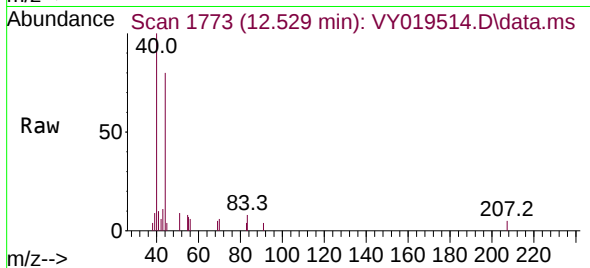
Tgt Ion: 83 Resp: 165

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 27.9 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 105.108 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019514.D

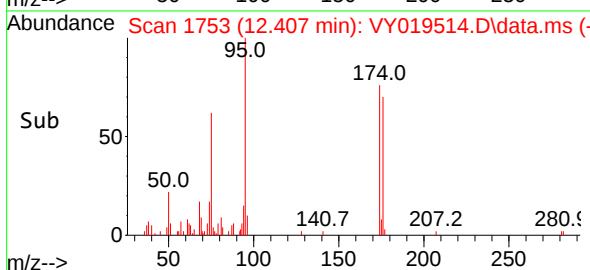
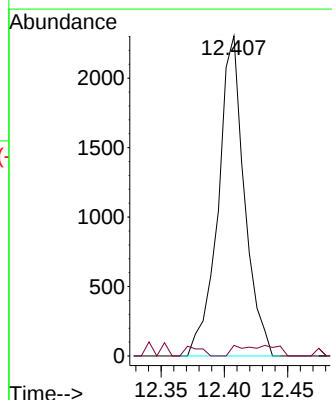
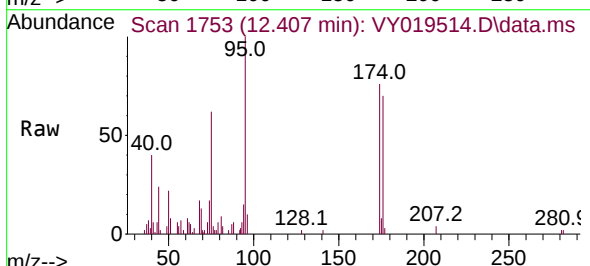
Acq: 11 Sep 2024 17:16

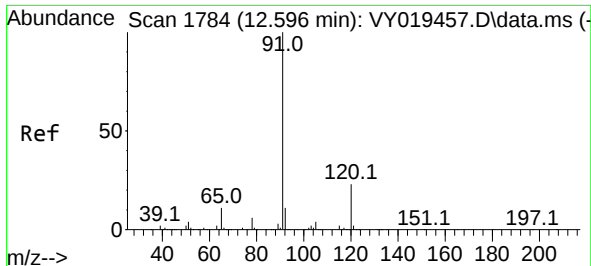
Tgt Ion: 75 Resp: 3321

Ion Ratio Lower Upper

75 100

77 2.8 0.0 0.0#

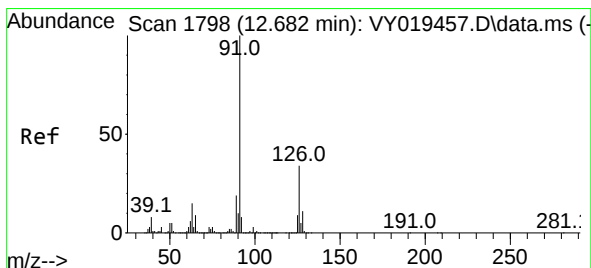
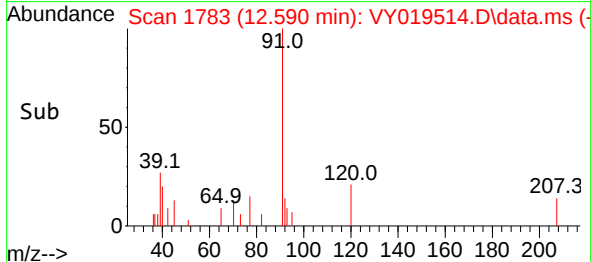
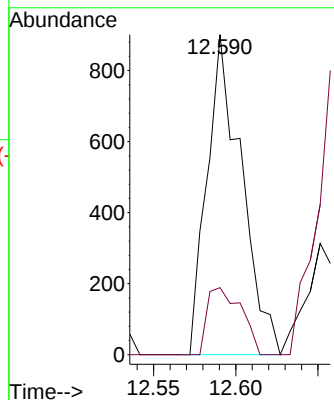
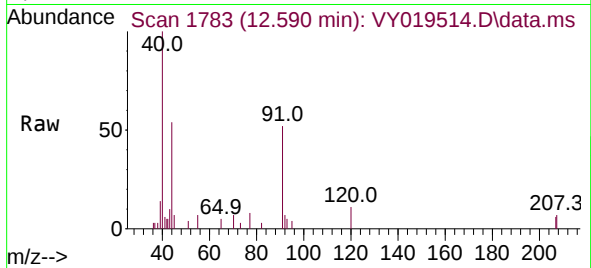




#78
n-propylbenzene
Concen: 4.523 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

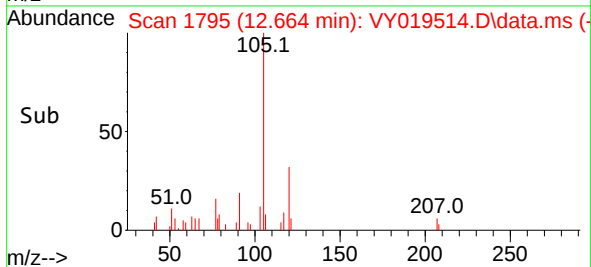
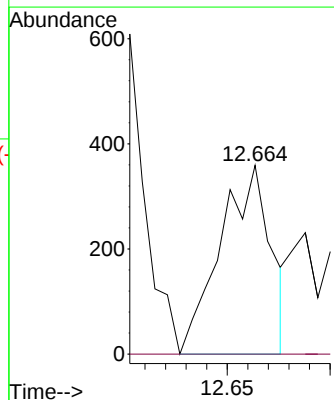
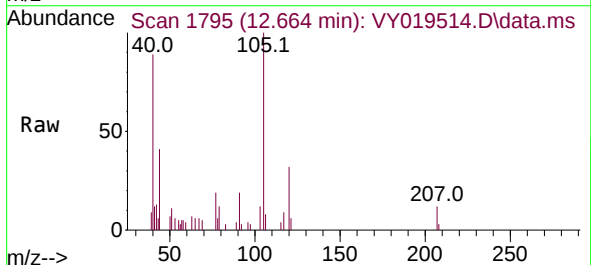
Instrument :
MSVOA_Y
ClientSampleId :

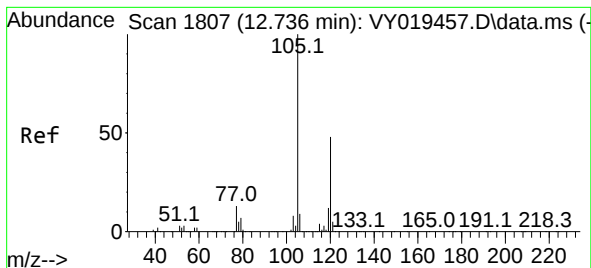
Tgt Ion: 91 Resp: 1311
Ion Ratio Lower Upper
91 100
120 20.6 11.5 34.4



#79
2-Chlorotoluene
Concen: 3.629 ug/l
RT: 12.664 min Scan# 1795
Delta R.T. -0.018 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

Tgt Ion: 91 Resp: 613
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.5#





#80

1,3,5-Trimethylbenzene

Concen: 20.391 ug/l

RT: 12.737 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019514.D

Acq: 11 Sep 2024 17:16

Instrument :

MSVOA_Y

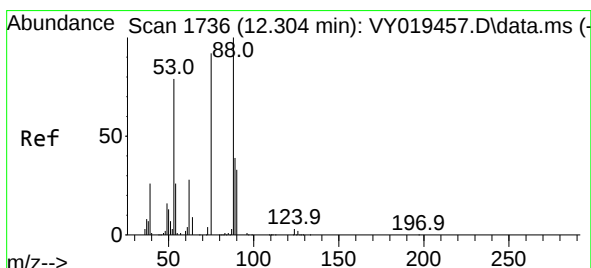
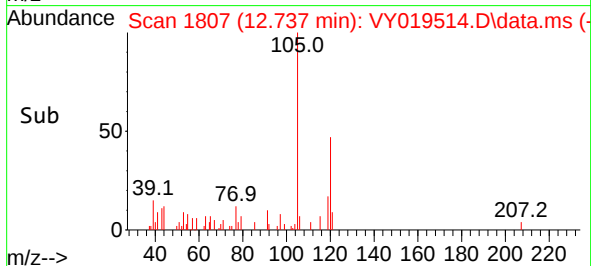
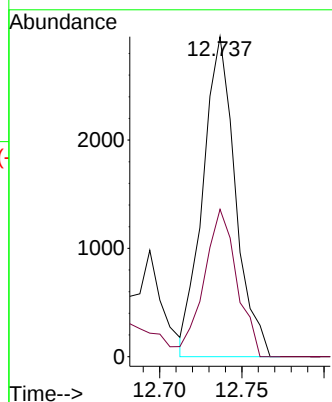
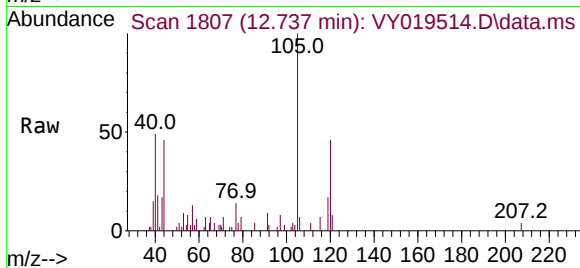
ClientSampleId :

Tgt Ion:105 Resp: 4054

Ion Ratio Lower Upper

105 100

120 46.9 25.1 75.2



#81

trans-1,4-Dichloro-2-butene

Concen: 201.777 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY019514.D

Acq: 11 Sep 2024 17:16

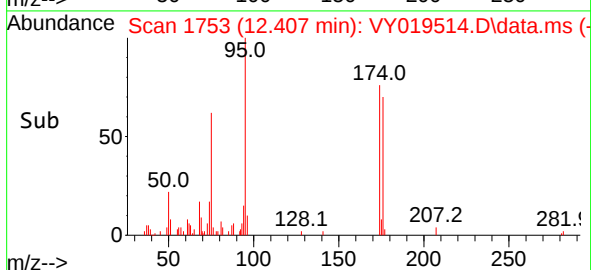
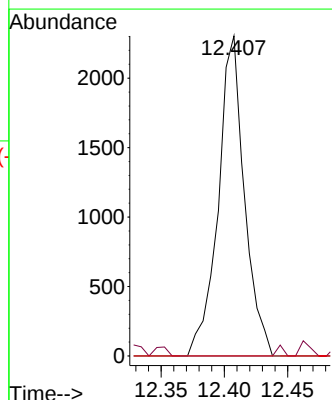
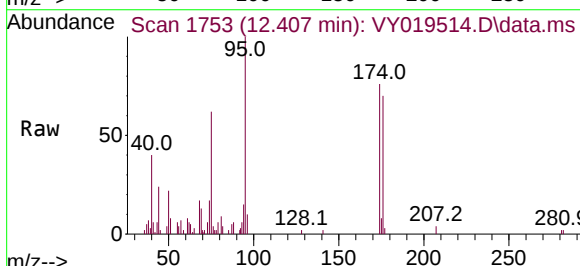
Tgt Ion: 75 Resp: 3321

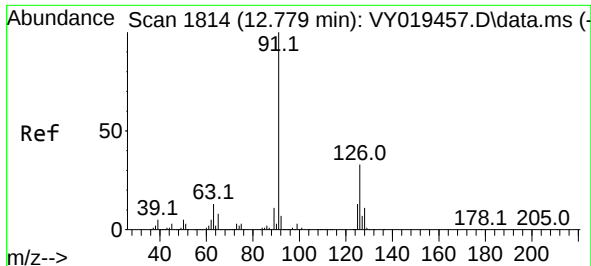
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

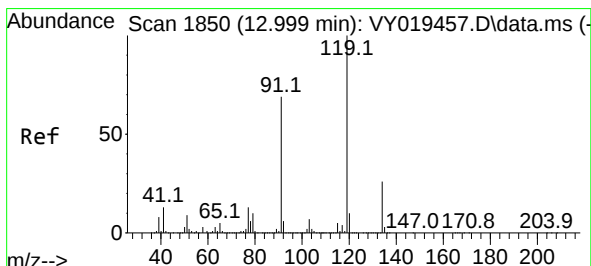
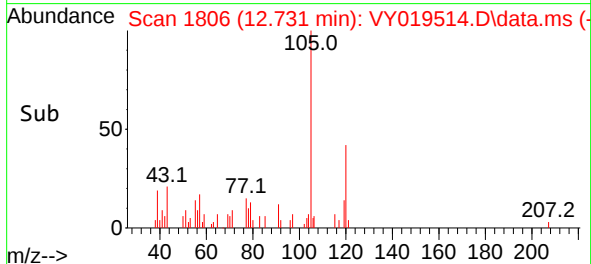
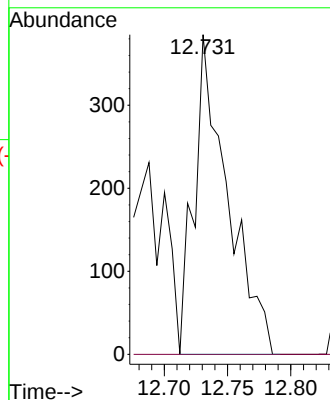
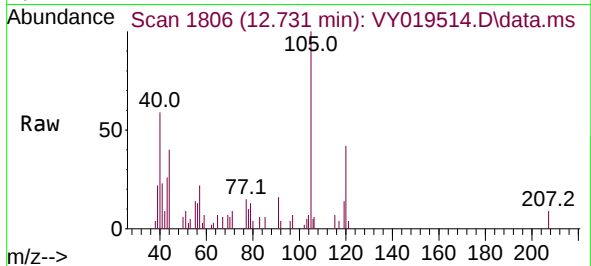




#82
4-Chlorotoluene
Concen: 4.082 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.049 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

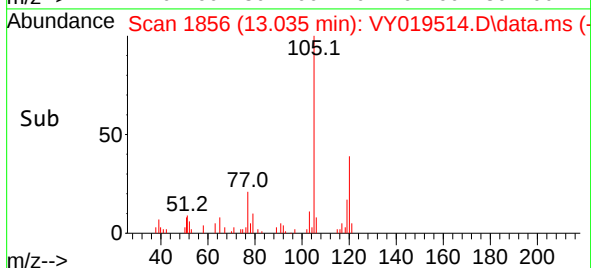
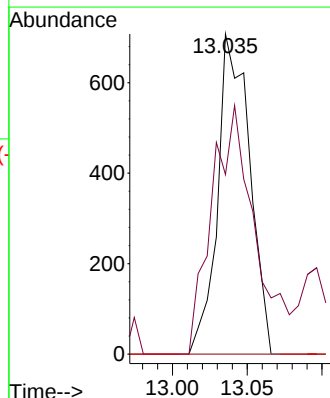
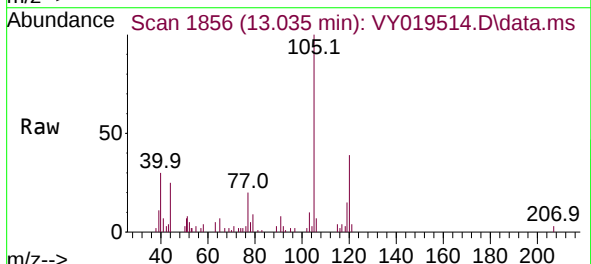
Instrument :
MSVOA_Y
ClientSampleId :

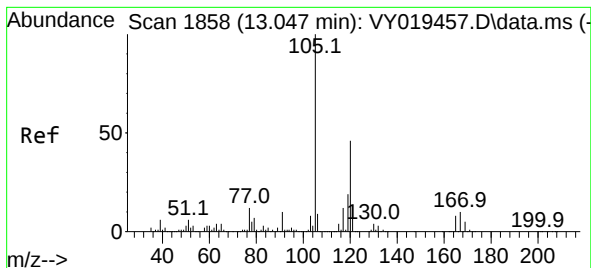
Tgt Ion: 91 Resp: 709
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#



#83
tert-Butylbenzene
Concen: 5.839 ug/l
RT: 13.035 min Scan# 1856
Delta R.T. 0.037 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

Tgt Ion: 119 Resp: 1051
Ion Ratio Lower Upper
119 100
91 105.0 31.3 93.8#
134 0.0 13.4 40.1#





#84

1,2,4-Trimethylbenzene

Concen: 43.237 ug/l

RT: 13.042 min Scan# 1858

Delta R.T. -0.006 min

Lab File: VY019514.D

Acq: 11 Sep 2024 17:16

Instrument :

MSVOA_Y

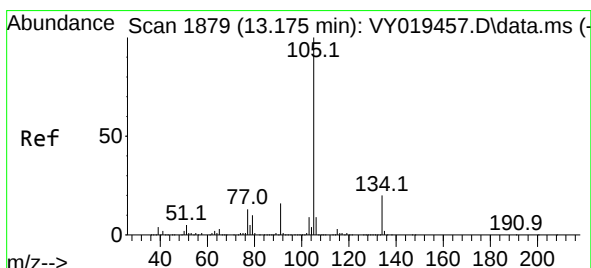
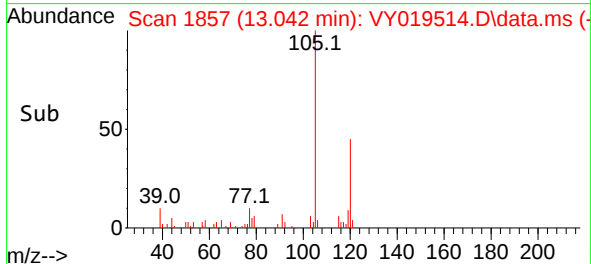
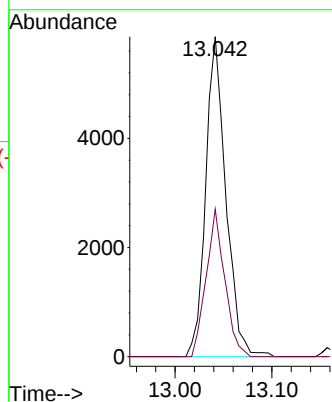
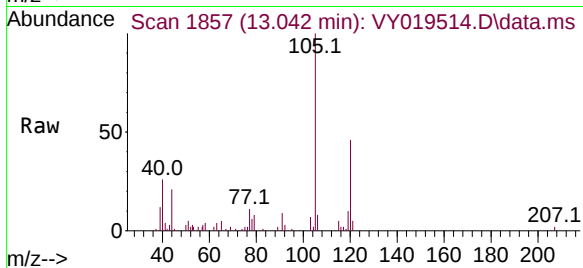
ClientSampleId :

Tgt Ion:105 Resp: 8509

Ion Ratio Lower Upper

105 100

120 42.7 23.2 69.6



#85

sec-Butylbenzene

Concen: 1.461 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019514.D

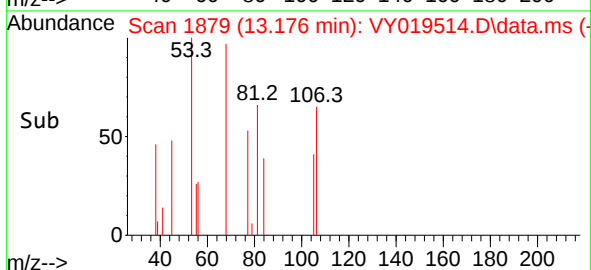
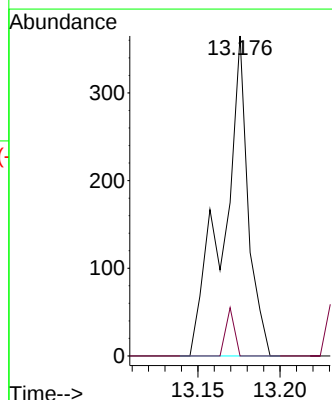
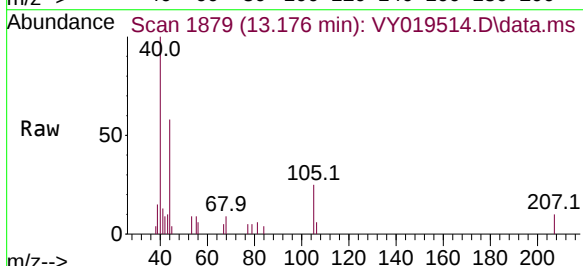
Acq: 11 Sep 2024 17:16

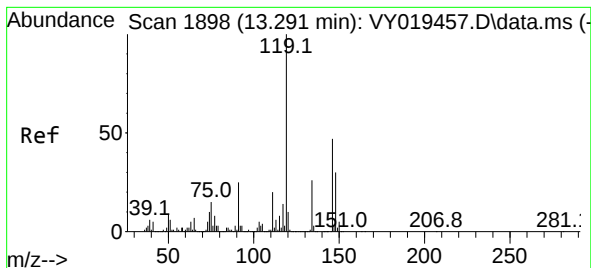
Tgt Ion:105 Resp: 382

Ion Ratio Lower Upper

105 100

134 5.2 10.1 30.1#





#86

p-Isopropyltoluene

Concen: 1.248 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019514.D

Acq: 11 Sep 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

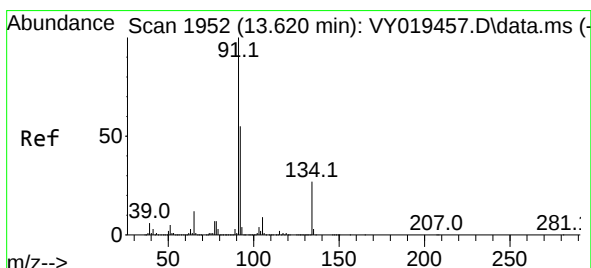
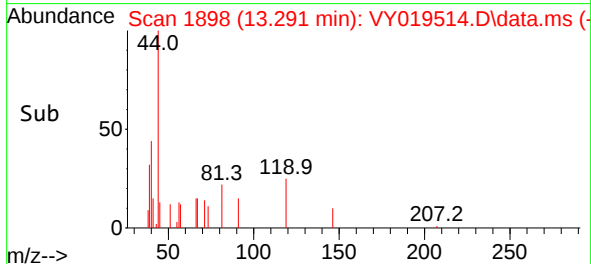
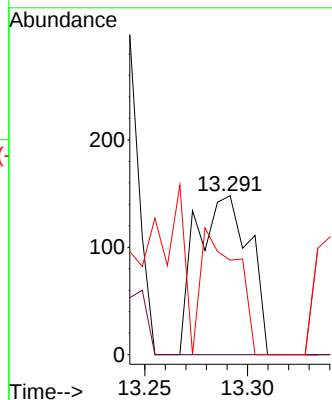
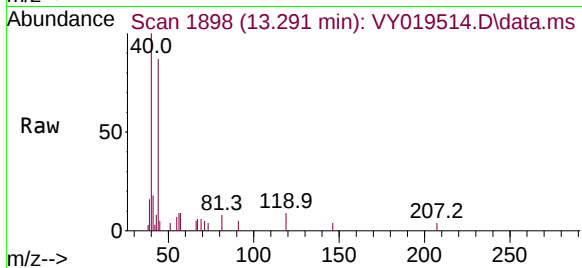
Tgt Ion:119 Resp: 267

Ion Ratio Lower Upper

119 100

134 0.0 13.1 39.3#

91 53.6 10.7 32.1#



#89

n-Butylbenzene

Concen: 3.076 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019514.D

Acq: 11 Sep 2024 17:16

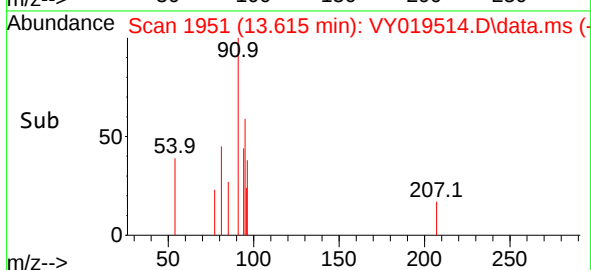
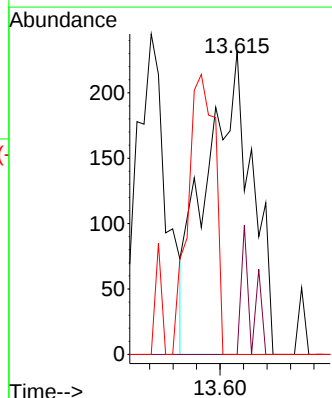
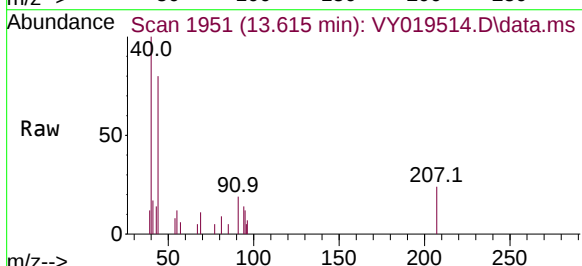
Tgt Ion: 91 Resp: 629

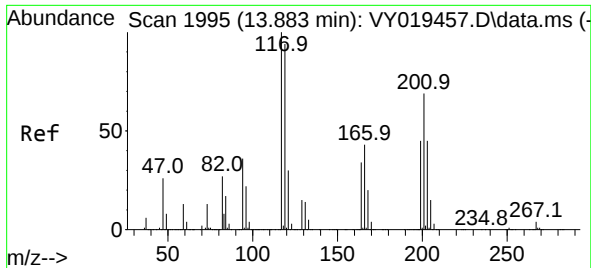
Ion Ratio Lower Upper

91 100

92 9.5 26.6 79.7#

134 0.0 12.9 38.7#

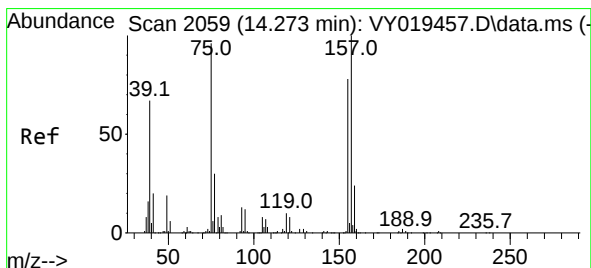
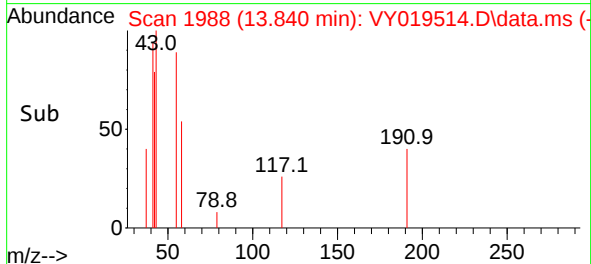
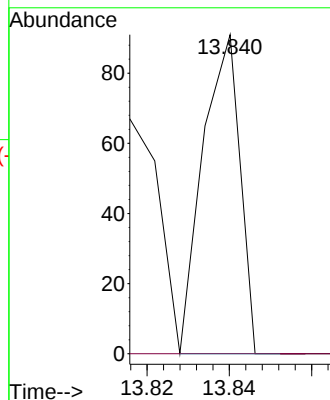
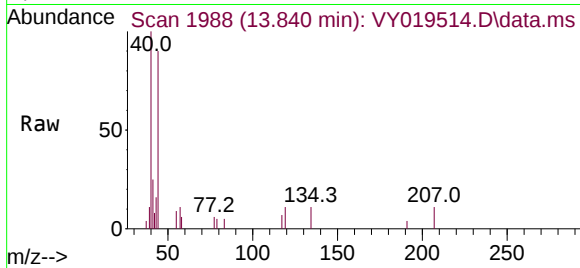




#90
Hexachloroethane
Concen: 1.281 ug/l
RT: 13.840 min Scan# 1995
Delta R.T. -0.042 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

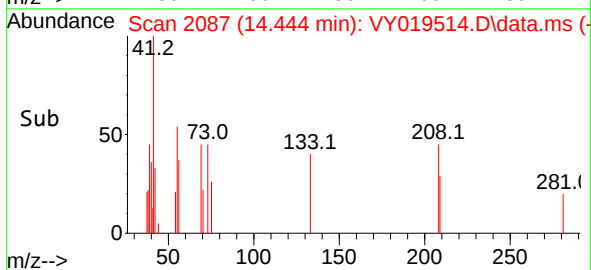
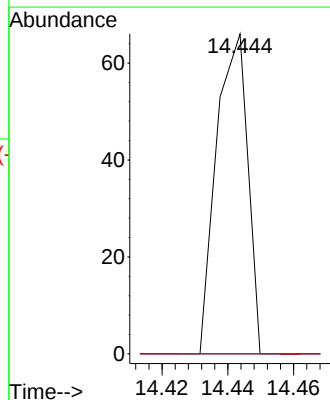
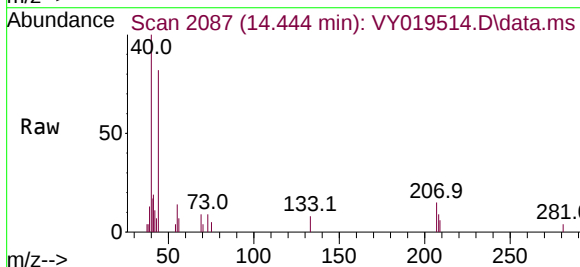
Instrument :
MSVOA_Y
ClientSampleId :

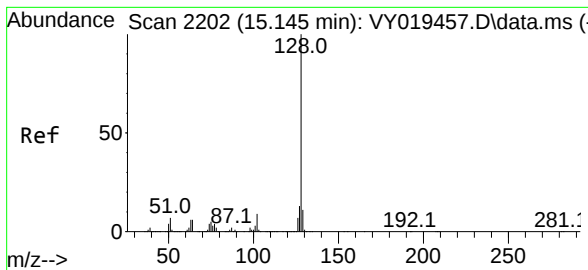
Tgt Ion:117 Resp: 57
Ion Ratio Lower Upper
117 100
201 0.0 37.4 112.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 6.082 ug/l
RT: 14.444 min Scan# 2087
Delta R.T. 0.171 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

Tgt Ion: 75 Resp: 44
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#





#95
Naphthalene
Concen: 151.488 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY019514.D
Acq: 11 Sep 2024 17:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 17353
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.6 8.6 13.0

