

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
 Data File : VY009678.D
 Acq On : 25 Jul 2022 11:53
 Operator : KP/MD
 Sample : N3773-17RE
 Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-3(8.5-9)

Quant Time: Jul 26 05:55:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	182205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	282799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	272354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	80446	46.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.360%
35) Dibromofluoromethane	7.710	113	80961	45.442	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.880%
50) Toluene-d8	10.173	98	408348	59.621	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	119.240%
62) 4-Bromofluorobenzene	12.477	95	133340	60.082	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	120.160%

Target Compounds				Qvalue		
11) Tert butyl alcohol	4.942	59	1652	Below Cal	#	77
13) Acrolein	3.924	56	36157	293.492	ug/l #	73
15) Acrylonitrile	5.229	53	87022	183.430	ug/l #	41
16) Acetone	3.930	43	110891	254.384	ug/l #	72
19) Methyl tert-butyl Ether	5.204	73	8140	1.843	ug/l #	1
20) Methylene Chloride	4.698	84	25682	2.287	ug/l #	1
25) 2-Butanone	6.972	43	48160	75.739	ug/l #	73
29) Tetrahydrofuran	7.344	42	2658	6.367	ug/l #	38
30) Chloroform	7.460	83	57517	17.588	ug/l #	19
31) Cyclohexane	7.759	56	1234896	406.416	ug/l #	55
37) Ethyl Acetate	6.972	43	48160	32.867	ug/l #	78
38) Carbon Tetrachloride	7.783	117	16385	5.945	ug/l #	15
39) Methylcyclohexane	9.179	83	1709028	526.459	ug/l	94
40) Benzene	8.149	78	16429	2.133	ug/l	98
41) Methacrylonitrile	7.344	41	16392	23.313	ug/l #	43
42) 1,2-Dichloroethane	8.271	62	3503	1.621	ug/l #	1
43) Isopropyl Acetate	8.258	43	332151	123.708	ug/l #	57
45) 1,2-Dichloropropane	9.179	63	19591	10.365	ug/l #	1
47) Bromodichloromethane	9.472	83	82243	31.952	ug/l #	27
48) Methyl methacrylate	9.319	41	101926	85.922	ug/l #	32
51) 4-Methyl-2-Pentanone	10.106	43	208848	149.809	ug/l	89
52) Toluene	10.240	92	6412	1.314	ug/l	86
55) 1,1,2-Trichloroethane	10.612	97	407312	263.468	ug/l #	20
56) Ethyl methacrylate	10.514	69	24413	12.343	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.752	63	10905	37.337	ug/l #	48
59) 2-Hexanone	10.801	43	293796	303.002	ug/l #	35
61) 1,2-Dibromoethane	11.057	107	1705	1.130	ug/l #	1
65) Chlorobenzene	11.618	112	6306	1.133	ug/l #	42
67) Ethyl Benzene	11.587	91	2080593	212.555	ug/l	96
68) m/p-Xylenes	11.697	106	1021056	262.103	ug/l	91
69) o-Xylene	12.026	106	51784	14.205	ug/l	95
73) Isopropylbenzene	12.325	105	562339	62.209	ug/l	100
74) N-ethyl acetate	12.118	43	141718	58.948	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.563	83	5450	3.011	ug/l #	1
76) 1,2,3-Trichloropropane	12.666	75	17066	13.722	ug/l #	100
78) n-propylbenzene	12.666	91	3073346	281.367	ug/l	97

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

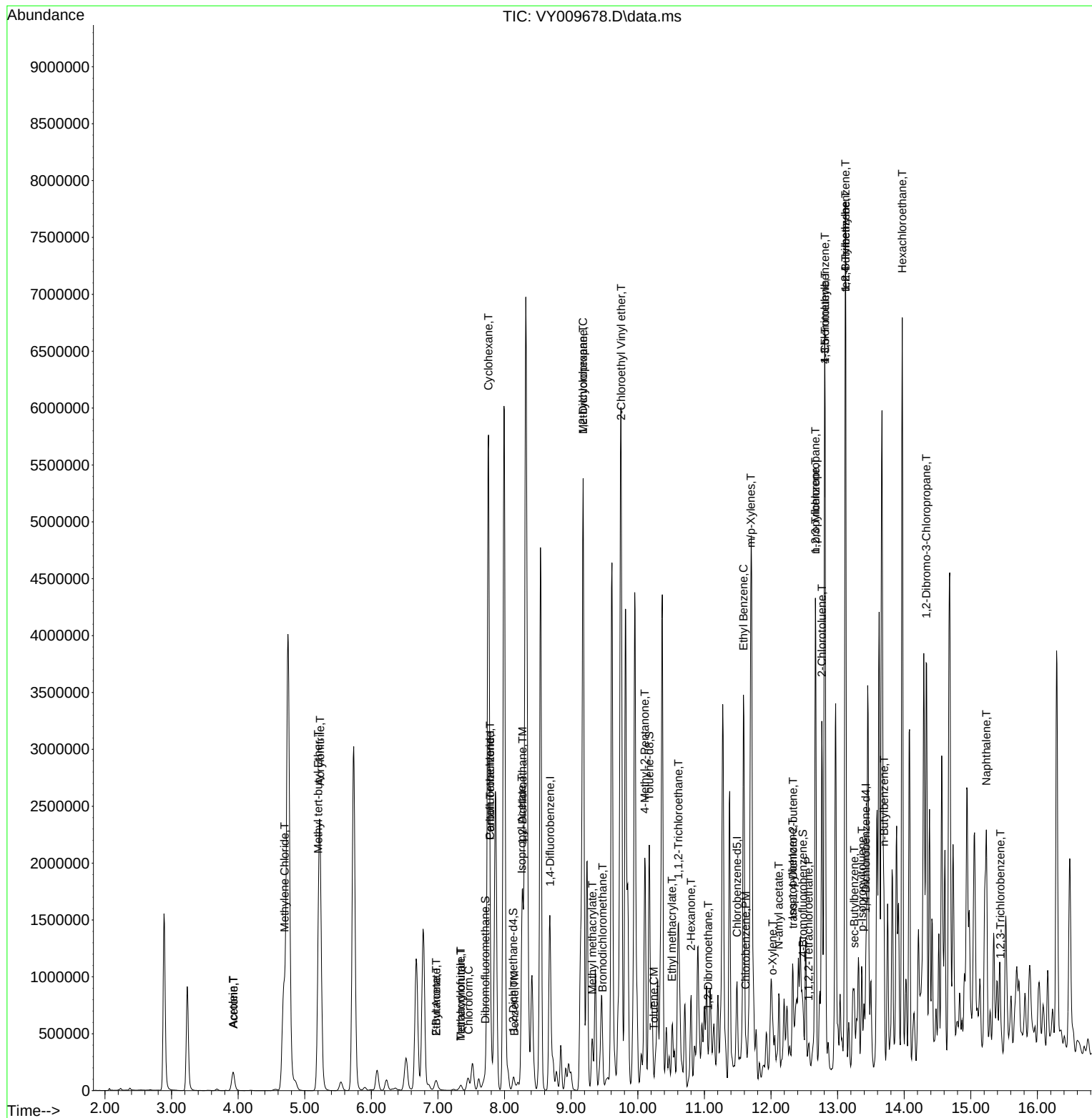
79) 2-Chlorotoluene	12.764	91	248155	40.976	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.813	105	2481318	332.194	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.331	75	6492	10.292	ug/l #	44
82) 4-Chlorotoluene	12.813	91	259190	41.254	ug/l #	42
83) tert-Butylbenzene	13.117	119	494011	74.442	ug/l #	75
84) 1,2,4-Trimethylbenzene	13.117	105	3896470	521.608	ug/l	96
85) sec-Butylbenzene	13.252	105	370142	37.620	ug/l #	51
86) p-Isopropyltoluene	13.367	119	172439	20.855	ug/l	96
89) n-Butylbenzene	13.697	91	733331	97.110	ug/l #	71
90) Hexachloroethane	13.971	117	294001	184.558	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.331	75	11403	41.404	ug/l #	6
95) Naphthalene	15.233	128	1335208	283.648	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	2322	1.072	ug/l #	1

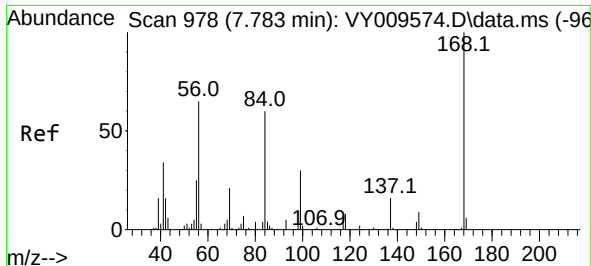
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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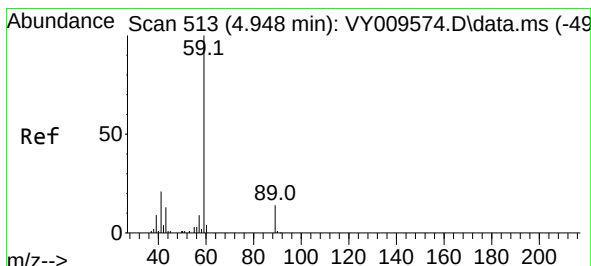
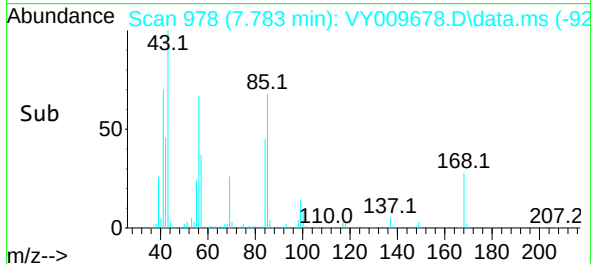
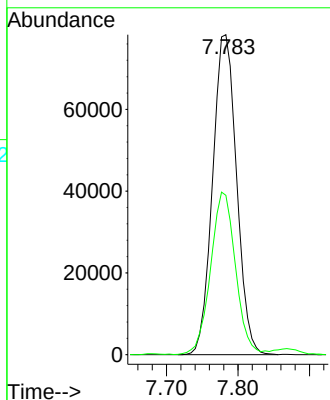
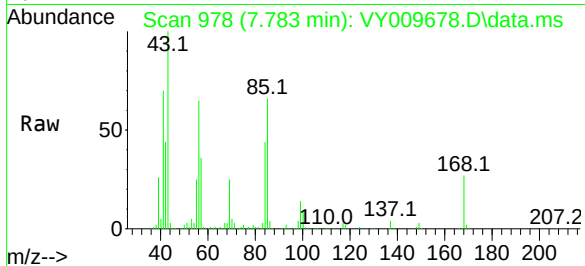




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

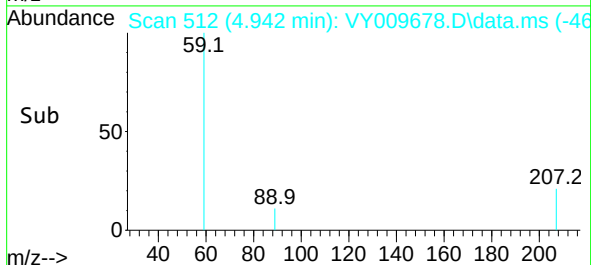
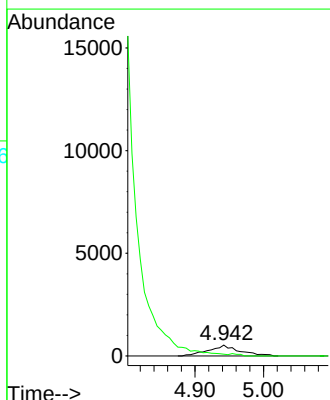
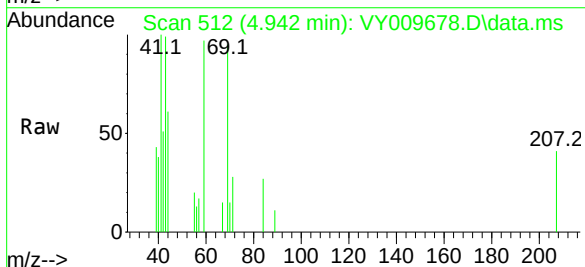
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

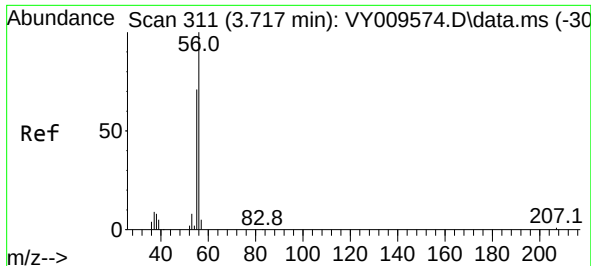
Tgt Ion:168 Resp: 182205
Ion Ratio Lower Upper
168 100
99 49.7 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

Tgt Ion: 59 Resp: 1652
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

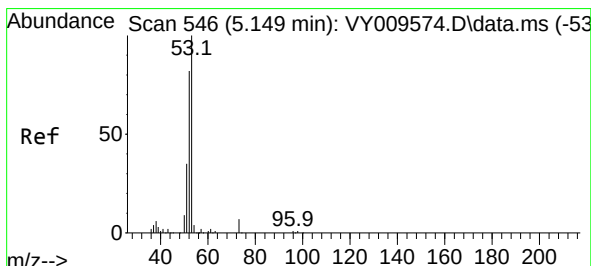
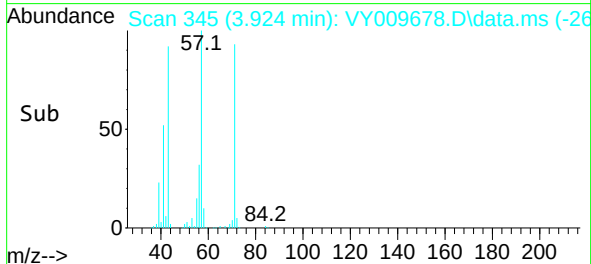
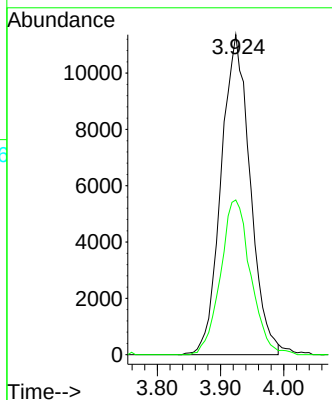
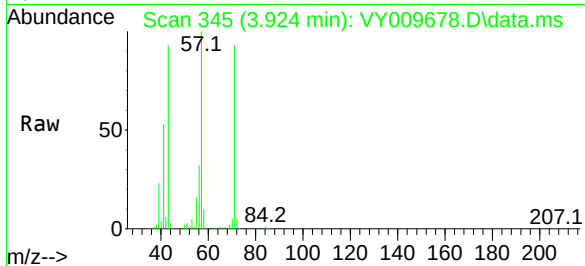




#13
Acrolein
Concen: 293.492 ug/l
RT: 3.924 min Scan# 34
Delta R.T. 0.207 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

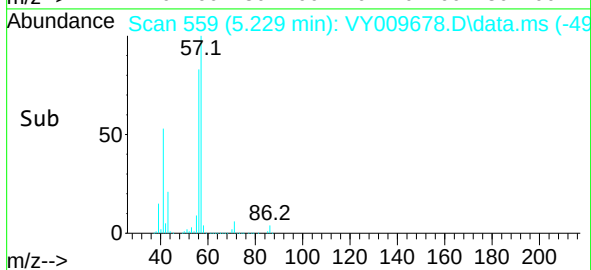
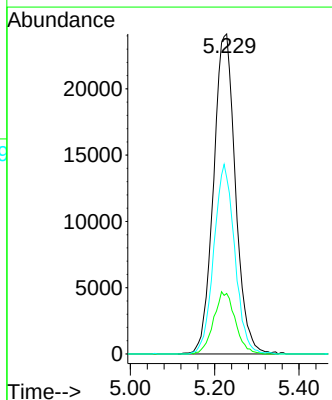
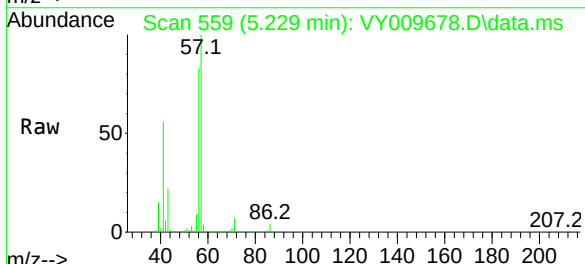
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

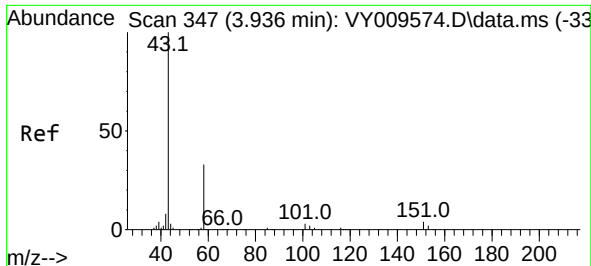
Tgt Ion: 56 Resp: 36157
Ion Ratio Lower Upper
56 100
55 49.9 57.6 86.4#



#15
Acrylonitrile
Concen: 183.430 ug/l
RT: 5.229 min Scan# 559
Delta R.T. 0.079 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

Tgt Ion: 53 Resp: 87022
Ion Ratio Lower Upper
53 100
52 19.1 67.0 100.4#
51 56.4 29.8 44.6#

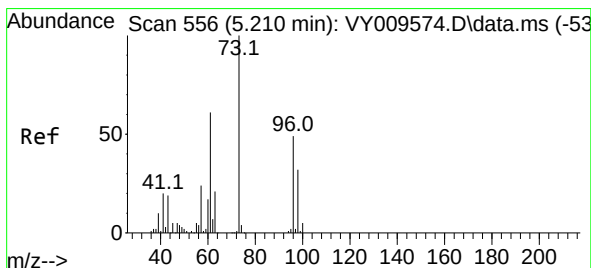
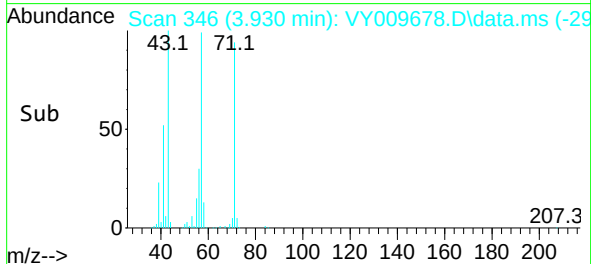
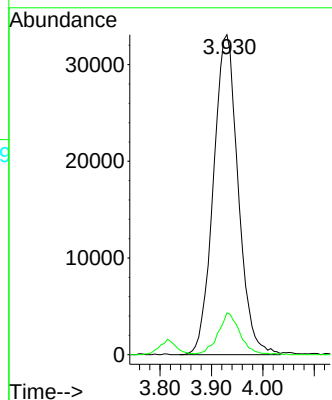
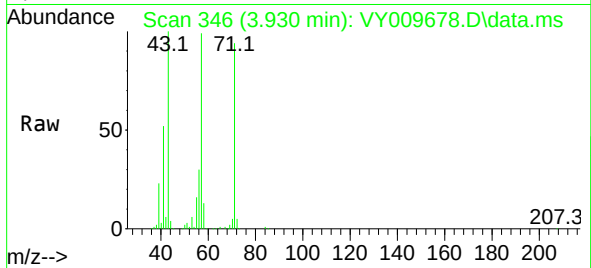




#16
Acetone
Concen: 254.384 ug/l
RT: 3.930 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

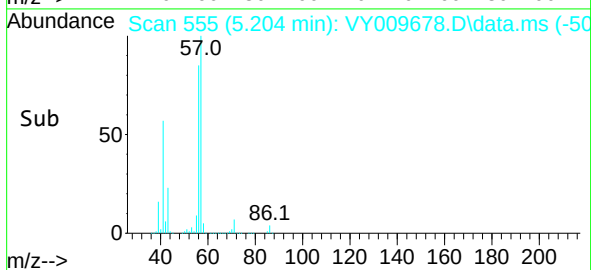
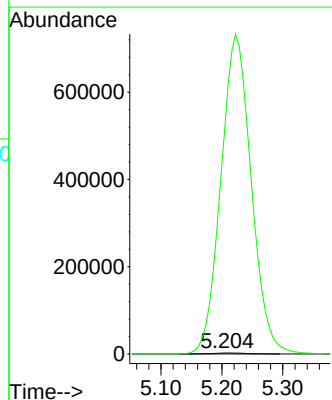
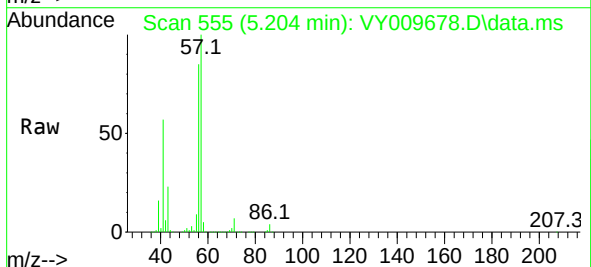
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

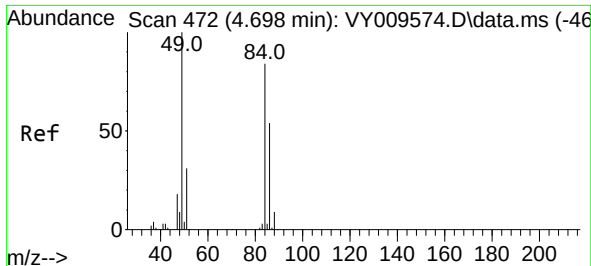
Tgt Ion: 43 Resp: 110891
Ion Ratio Lower Upper
43 100
58 12.8 22.0 33.0#



#19
Methyl tert-butyl Ether
Concen: 1.843 ug/l
RT: 5.204 min Scan# 555
Delta R.T. -0.006 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

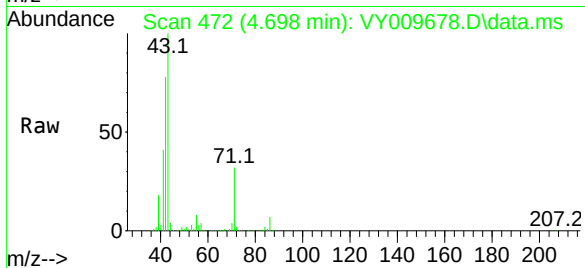
Tgt Ion: 73 Resp: 8140
Ion Ratio Lower Upper
73 100
57 22685.6 18.6 27.8#





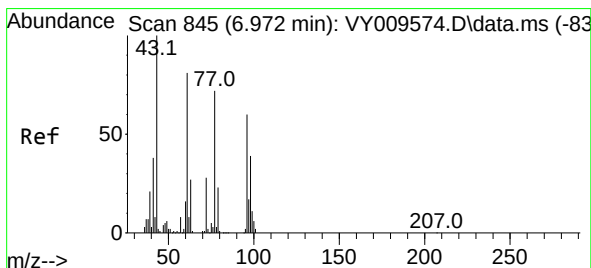
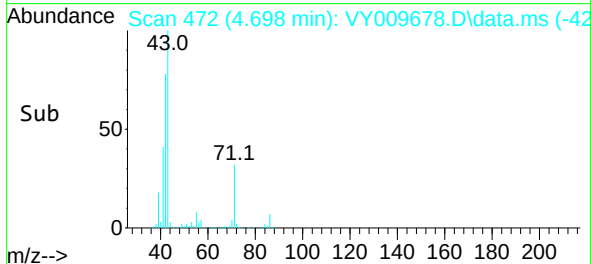
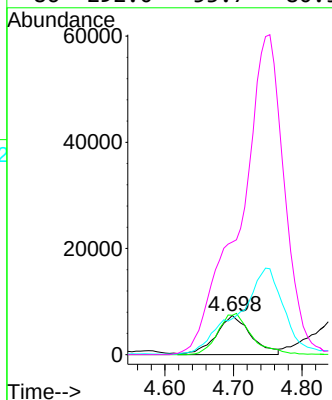
#20
Methylene Chloride
Concen: 2.287 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)



Tgt Ion: 84 Resp: 25682

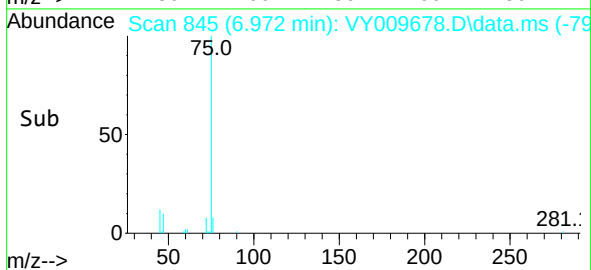
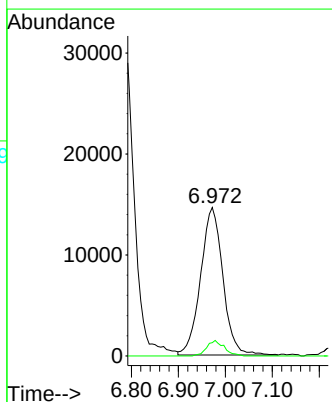
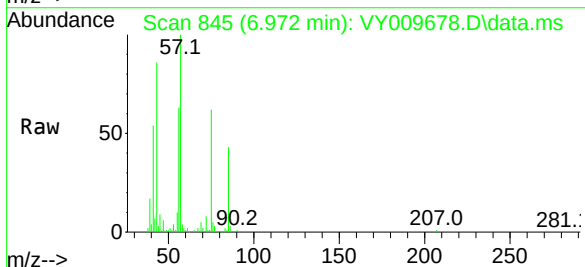
Ion	Ratio	Lower	Upper
84	100		
49	103.2	114.4	171.6#
51	92.0	35.3	52.9#
86	292.0	53.7	80.5#

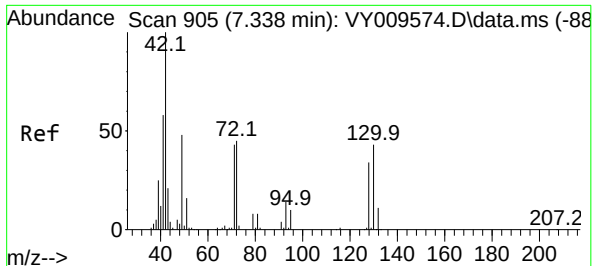


#25
2-Butanone
Concen: 75.739 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

Tgt Ion: 43 Resp: 48160

Ion	Ratio	Lower	Upper
43	100		
72	9.0	17.7	26.5#





#29

Tetrahydrofuran

Concen: 6.367 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY009678.D

Acq: 25 Jul 2022 11:53

Instrument :

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ClientSampleId :

DL-3(8.5-9)

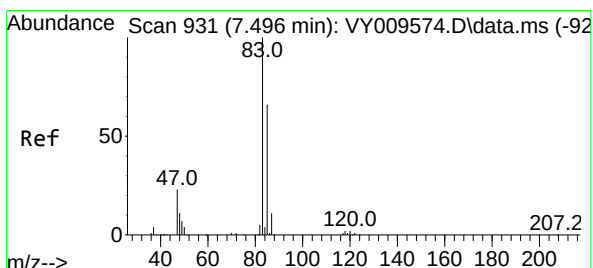
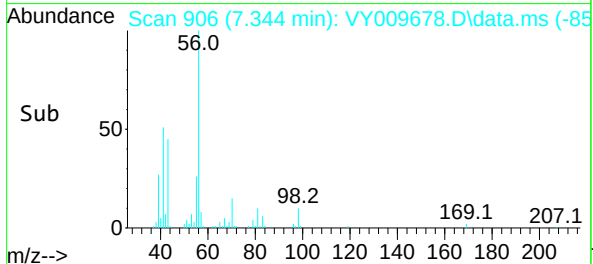
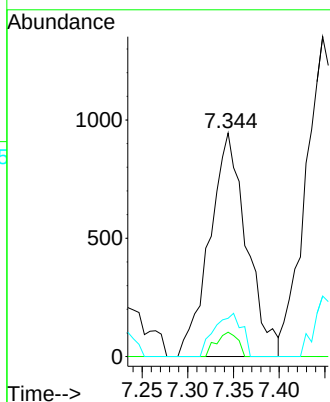
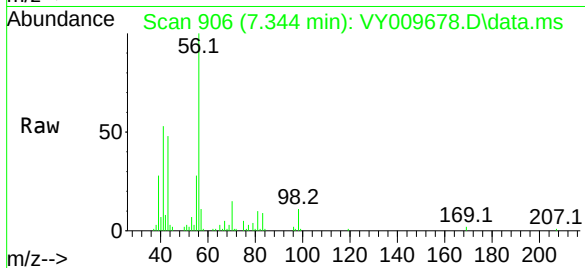
Tgt Ion: 42 Resp: 2658

Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

71 0.0 29.0 43.4#



#30

Chloroform

Concen: 17.588 ug/l

RT: 7.460 min Scan# 925

Delta R.T. -0.037 min

Lab File: VY009678.D

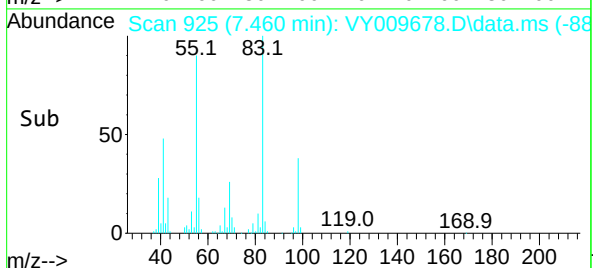
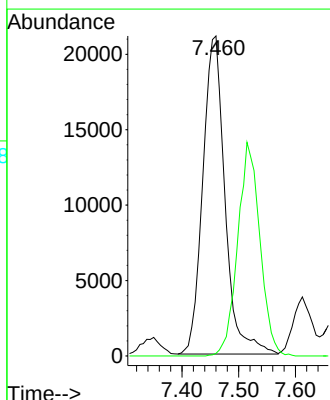
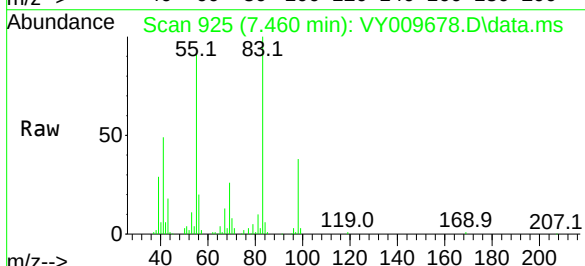
Acq: 25 Jul 2022 11:53

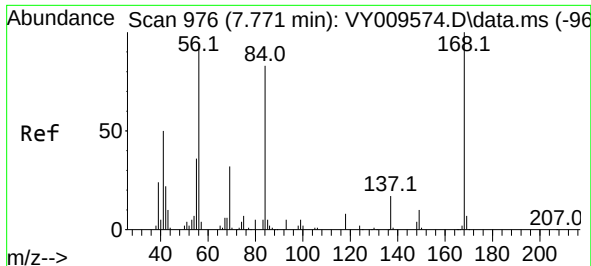
Tgt Ion: 83 Resp: 57517

Ion Ratio Lower Upper

83 100

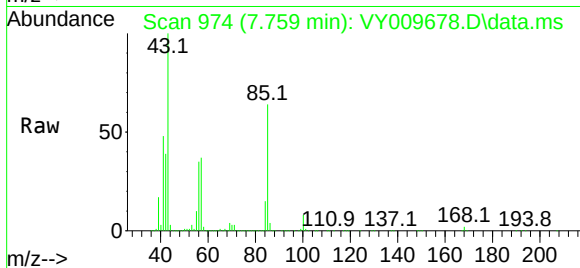
85 0.8 51.8 77.6#



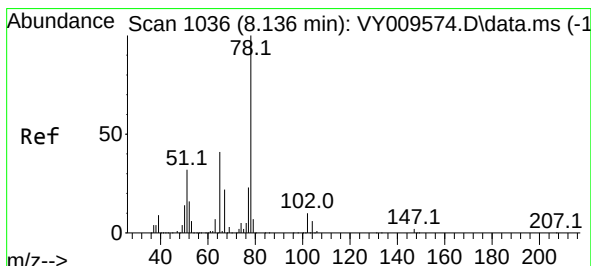
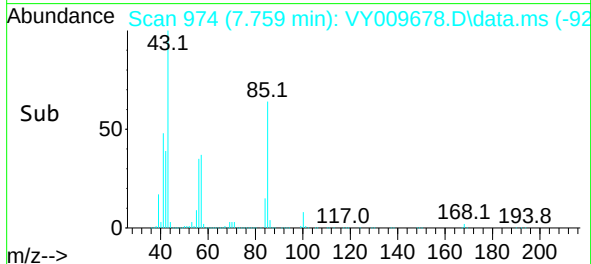
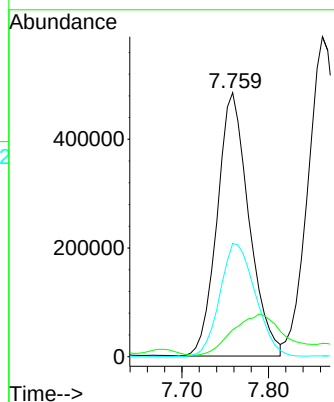


#31
Cyclohexane
Concen: 406.416 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.012 min
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Acq: 25 Jul 2022 11:53

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

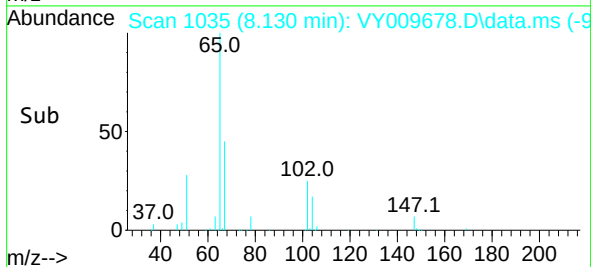
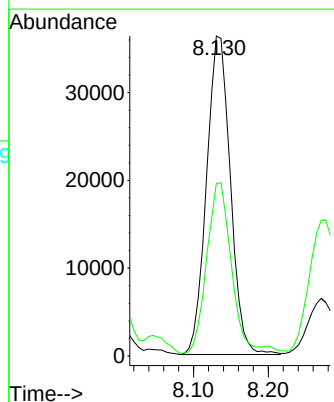
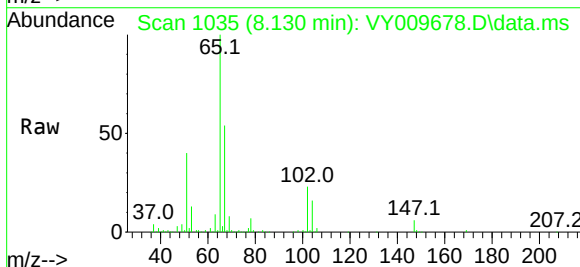


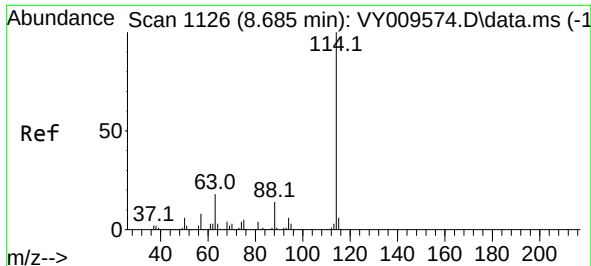
Tgt Ion: 56 Resp: 1234896
Ion Ratio Lower Upper
56 100
69 8.9 26.7 40.1#
84 43.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 46.684 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

Tgt Ion: 65 Resp: 80446
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4

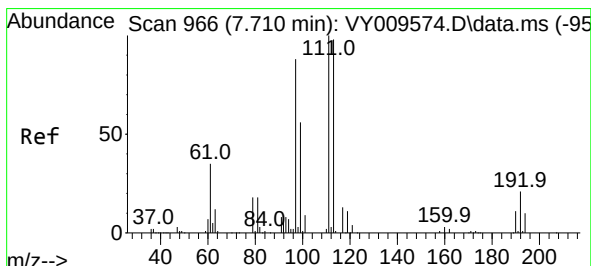
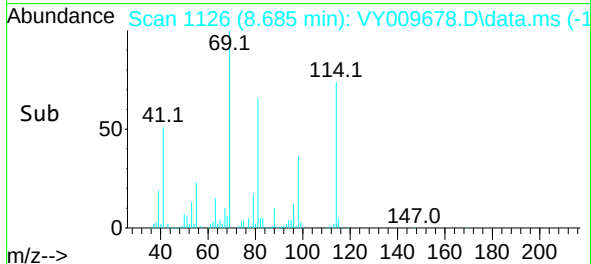
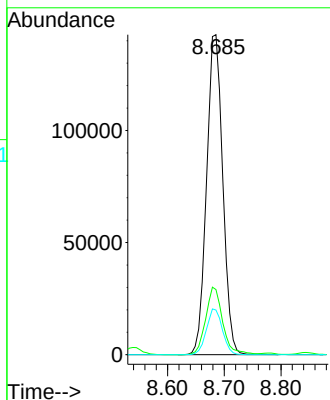
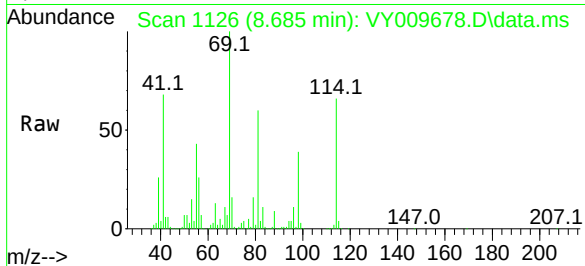




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

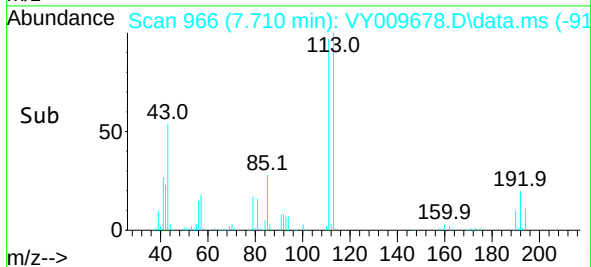
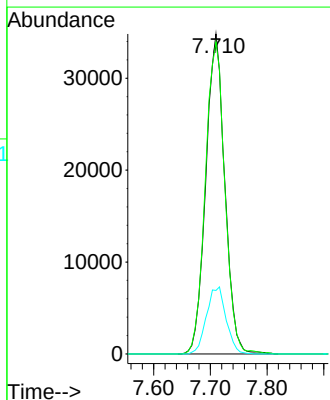
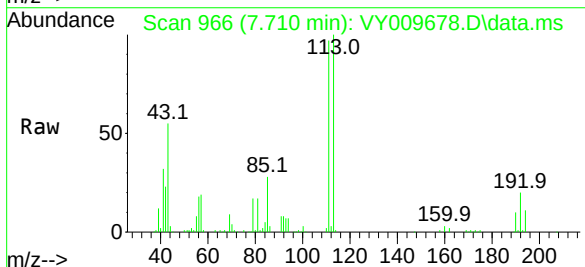
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

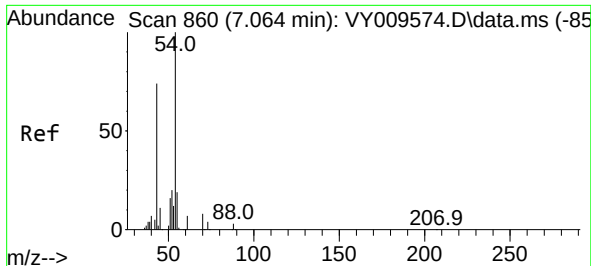
Tgt Ion:114 Resp: 282799
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.2
88 13.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.442 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

Tgt Ion:113 Resp: 80961
Ion Ratio Lower Upper
113 100
111 100.4 82.6 124.0
192 21.6 17.6 26.4





#37

Ethyl Acetate

Concen: 32.867 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.091 min

Lab File: VY009678.D

Acq: 25 Jul 2022 11:53

Instrument :

MSVOA_Y

ClientSampleId :

DL-3(8.5-9)

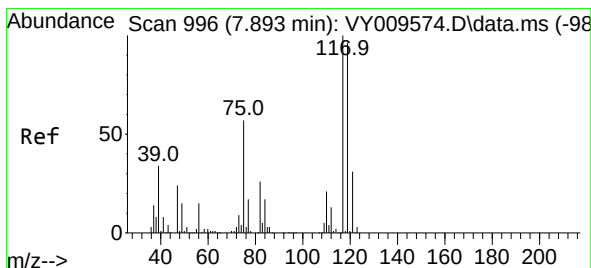
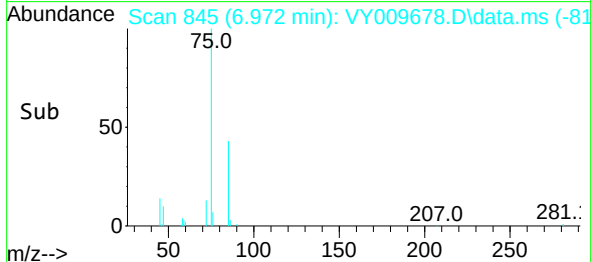
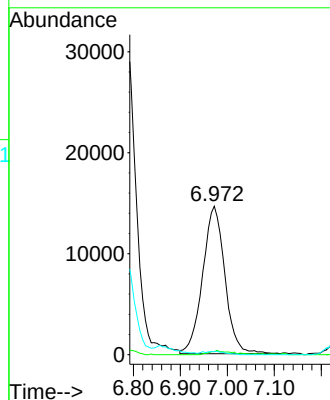
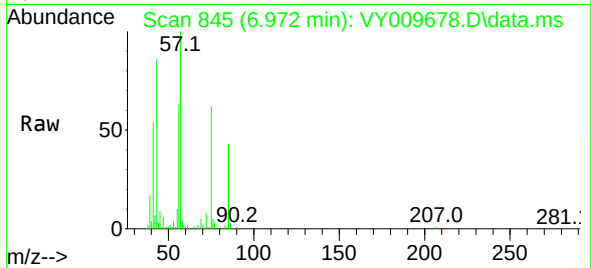
Tgt Ion: 43 Resp: 48160

Ion Ratio Lower Upper

43 100

61 2.7 9.7 14.5#

70 2.2 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.945 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY009678.D

Acq: 25 Jul 2022 11:53

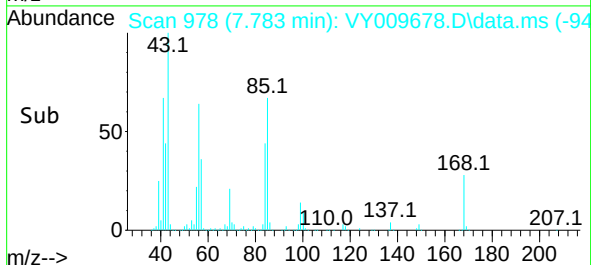
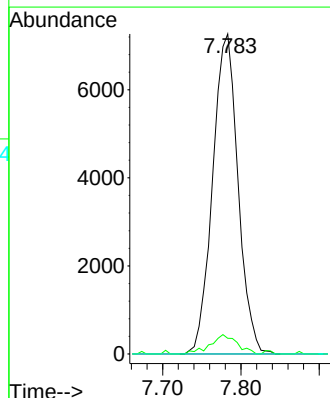
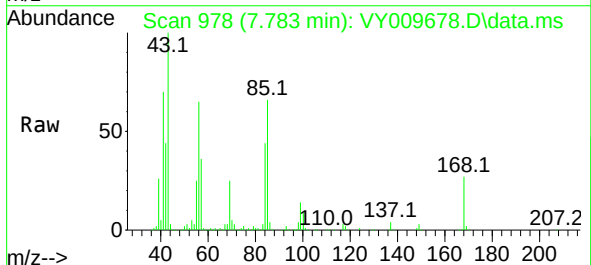
Tgt Ion: 117 Resp: 16385

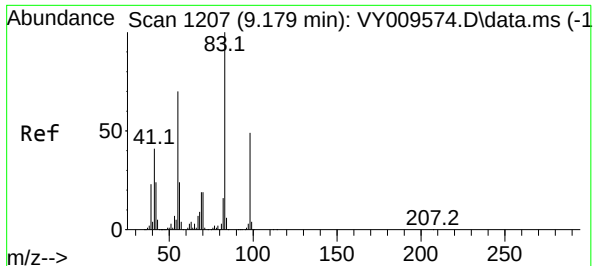
Ion Ratio Lower Upper

117 100

119 4.9 77.9 116.9#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 526.459 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009678.D

Acq: 25 Jul 2022 11:53

Instrument :

MSVOA_Y

ClientSampleId :

DL-3(8.5-9)

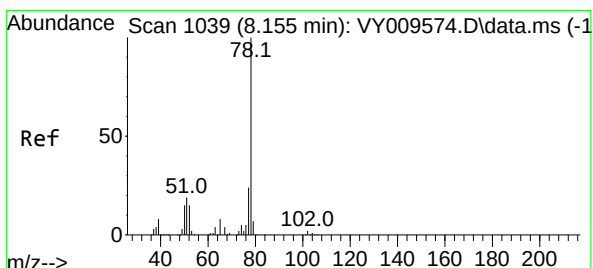
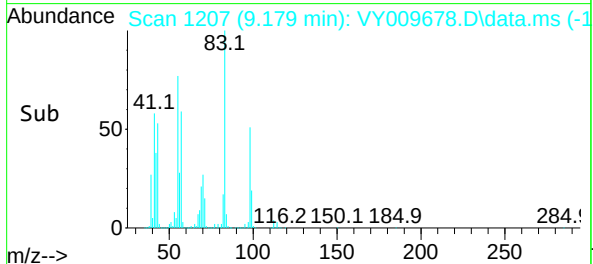
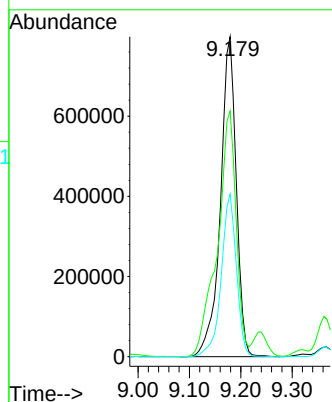
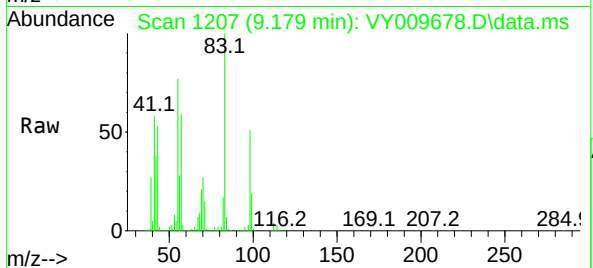
Tgt Ion: 83 Resp: 1709028

Ion Ratio Lower Upper

83 100

55 76.7 66.5 99.7

98 50.8 37.9 56.9



#40

Benzene

Concen: 2.133 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY009678.D

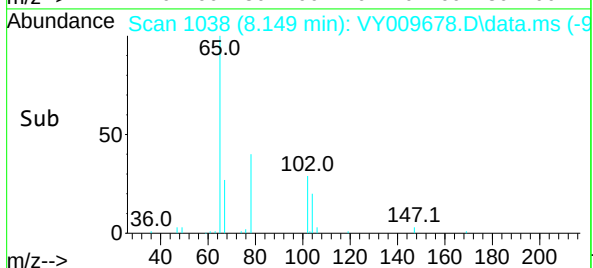
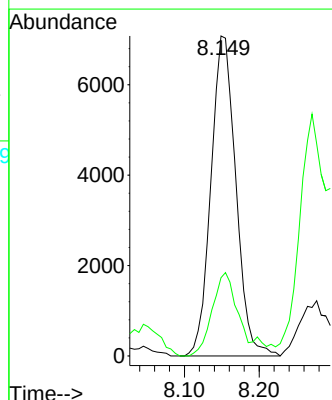
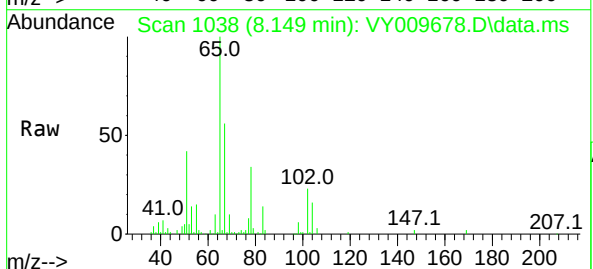
Acq: 25 Jul 2022 11:53

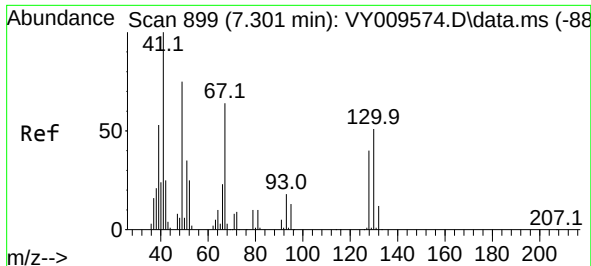
Tgt Ion: 78 Resp: 16429

Ion Ratio Lower Upper

78 100

77 24.4 20.4 30.6

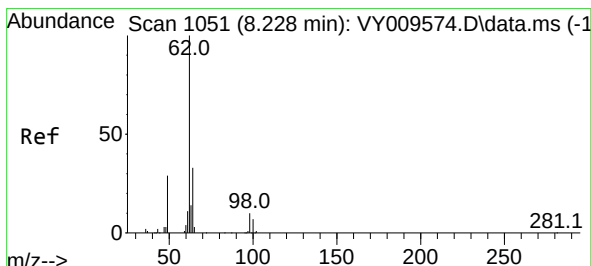
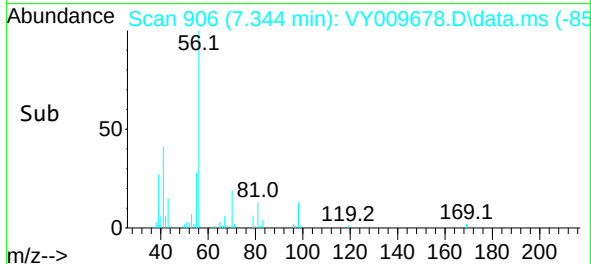
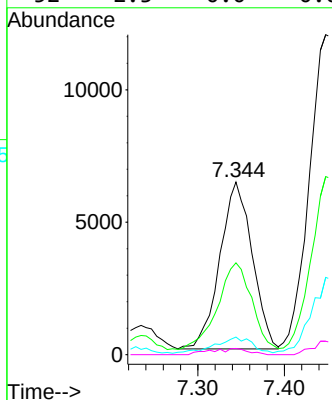
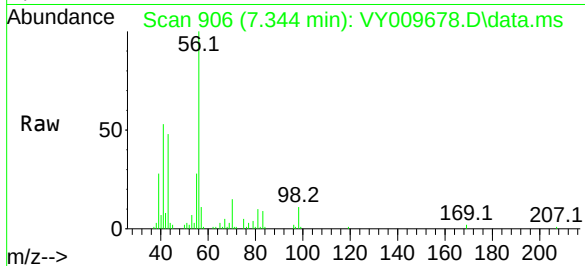




#41
Methacrylonitrile
Concen: 23.313 ug/l
RT: 7.344 min Scan# 90
Delta R.T. 0.043 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

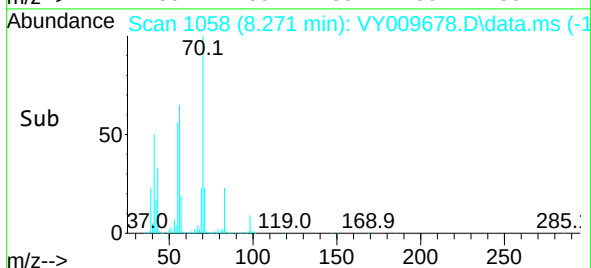
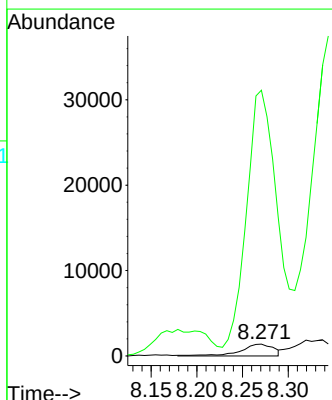
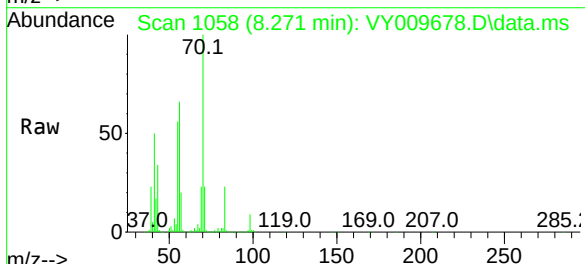
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

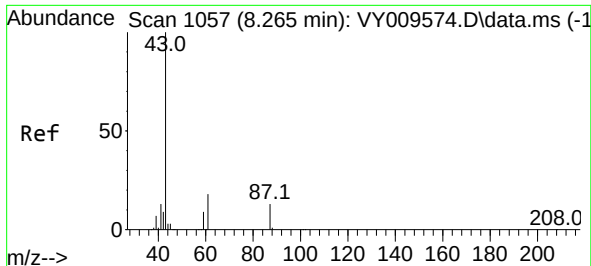
Tgt Ion: 41 Resp: 16392
Ion Ratio Lower Upper
41 100
39 53.9 92.9 139.3#
67 0.0 0.0 0.0
52 2.3 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 1.621 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.043 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

Tgt Ion: 62 Resp: 3503
Ion Ratio Lower Upper
62 100
98 2010.1 0.0 14.8#

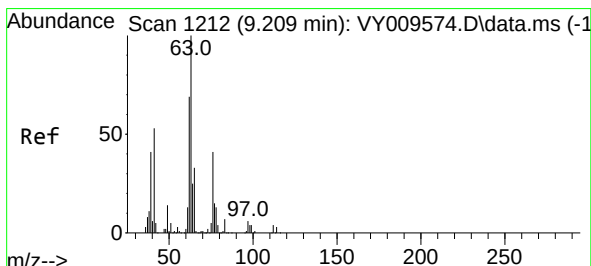
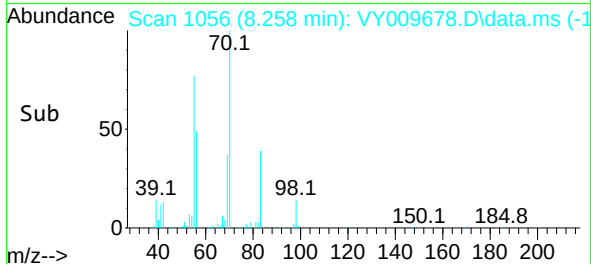
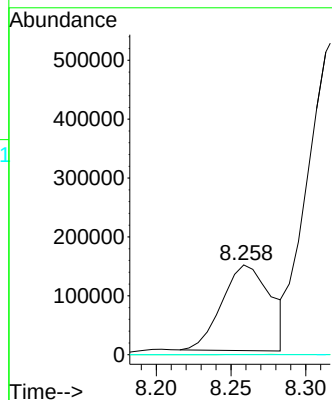
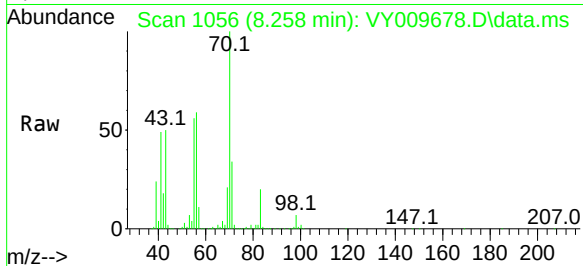




#43
Isopropyl Acetate
Concen: 123.708 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

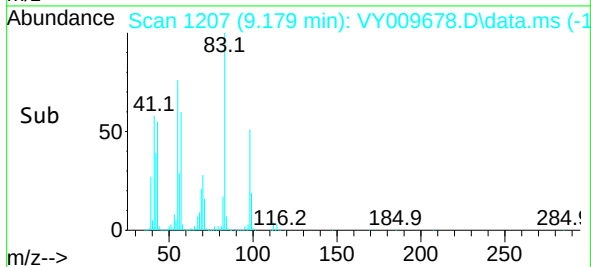
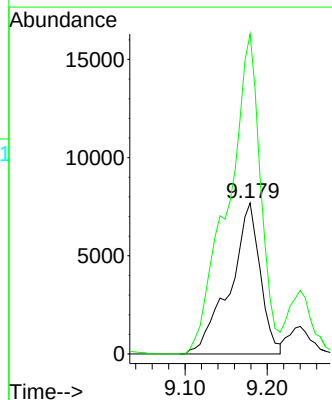
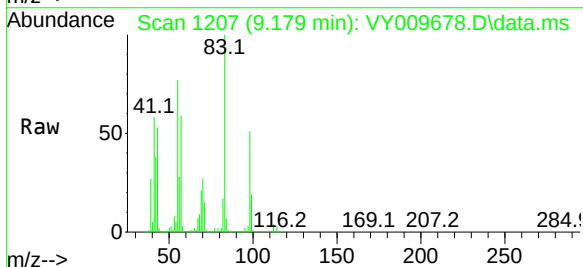
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

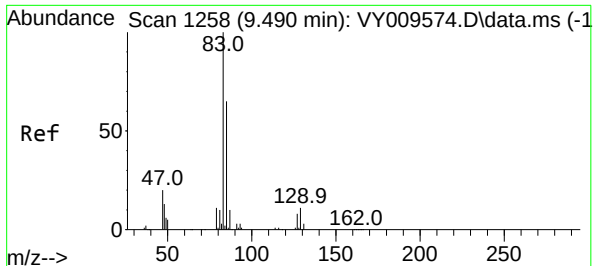
Tgt Ion: 43 Resp: 332151
Ion Ratio Lower Upper
43 100
61 0.3 20.2 30.2#
87 0.0 8.9 13.3#



#45
1,2-Dichloropropane
Concen: 10.365 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.030 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

Tgt Ion: 63 Resp: 19591
Ion Ratio Lower Upper
63 100
65 211.9 23.0 34.6#





#47

Bromodichloromethane

Concen: 31.952 ug/l

RT: 9.472 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY009678.D

Acq: 25 Jul 2022 11:53

Instrument :

MSVOA_Y

ClientSampleId :

DL-3(8.5-9)

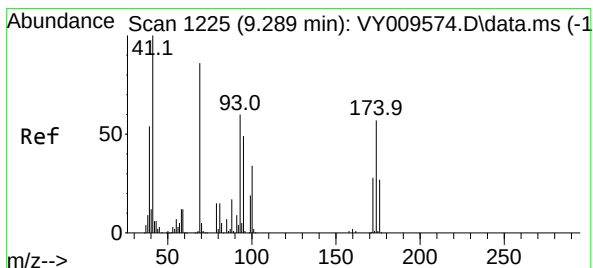
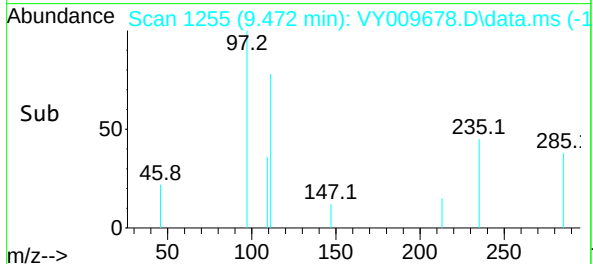
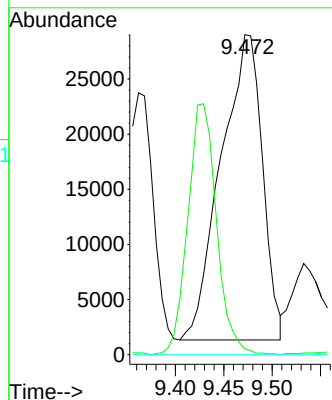
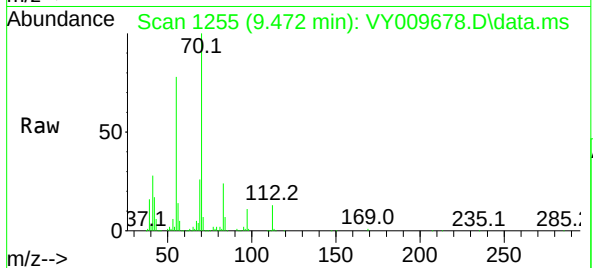
Tgt Ion: 83 Resp: 82243

Ion Ratio Lower Upper

83 100

85 1.9 51.9 77.9#

127 0.0 6.6 10.0#



#48

Methyl methacrylate

Concen: 85.922 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.031 min

Lab File: VY009678.D

Acq: 25 Jul 2022 11:53

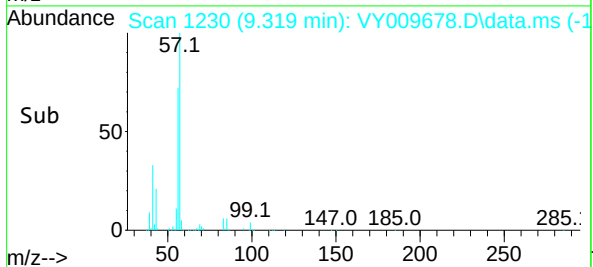
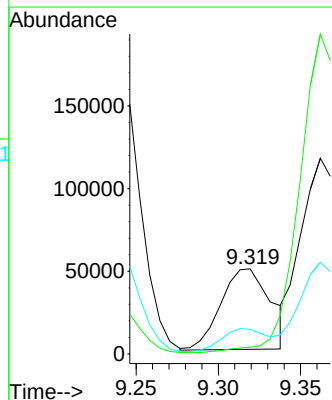
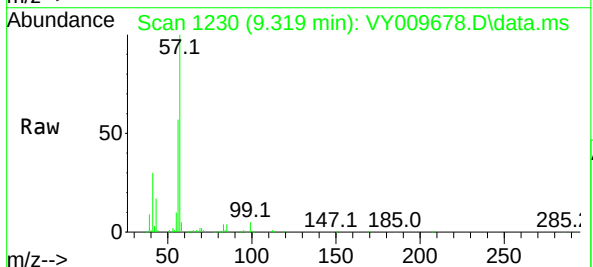
Tgt Ion: 41 Resp: 101926

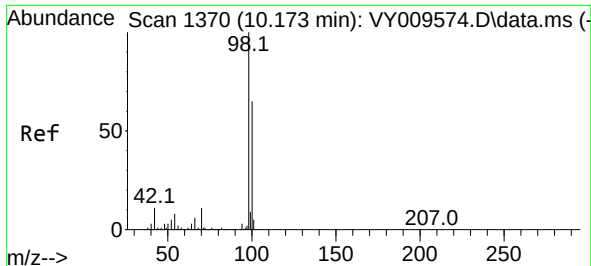
Ion Ratio Lower Upper

41 100

69 0.0 58.2 87.2#

39 25.2 47.4 71.0#

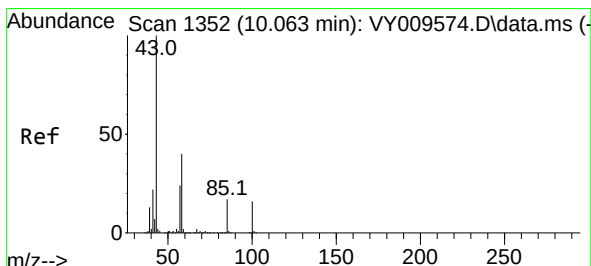
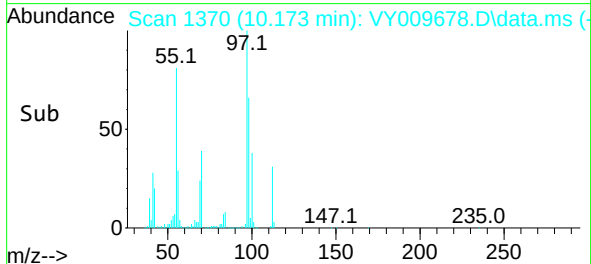
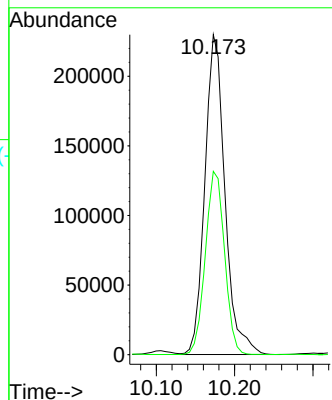
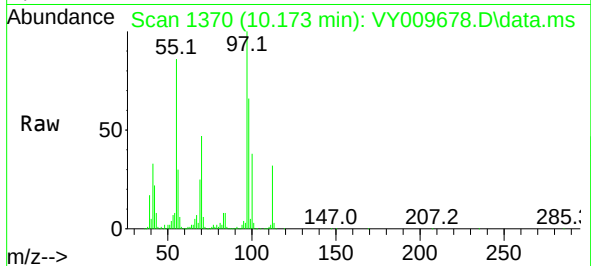




#50
Toluene-d8
Concen: 59.621 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

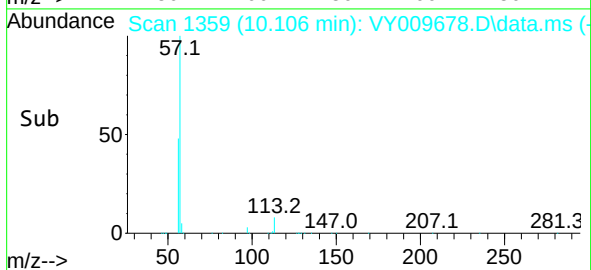
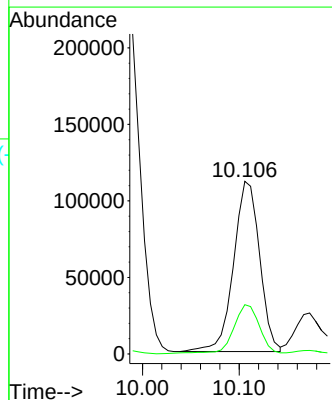
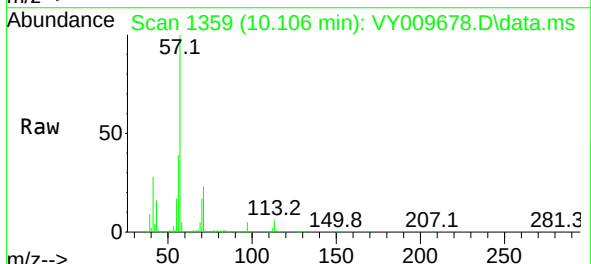
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

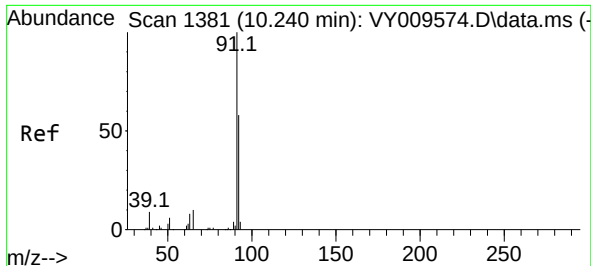
Tgt Ion: 98 Resp: 408348
Ion Ratio Lower Upper
98 100
100 54.9 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 149.809 ug/l
RT: 10.106 min Scan# 1359
Delta R.T. 0.043 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

Tgt Ion: 43 Resp: 208848
Ion Ratio Lower Upper
43 100
58 28.7 28.1 42.1

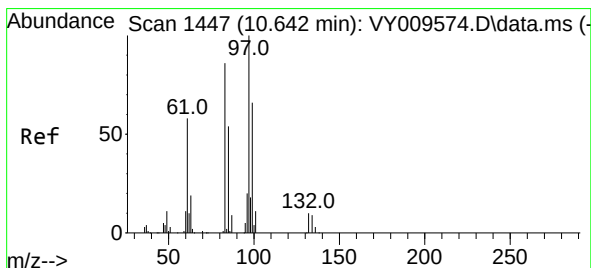
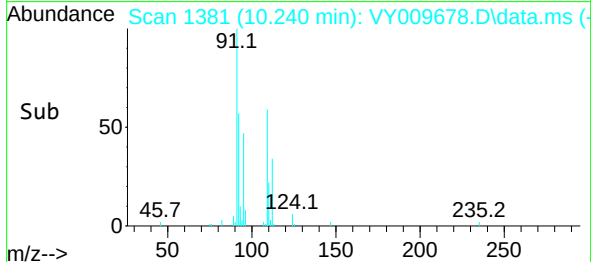
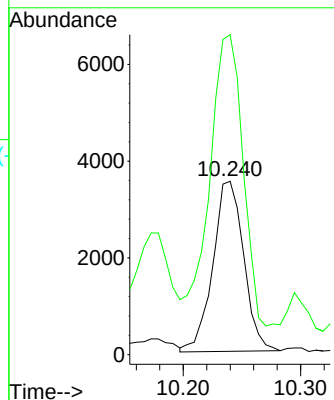
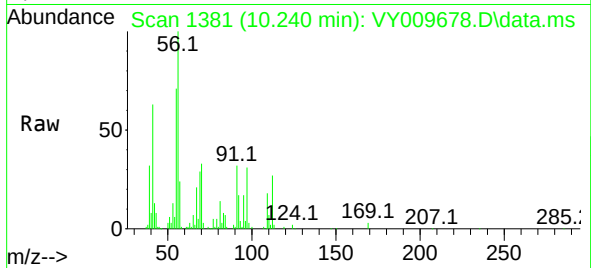




#52
Toluene
Concen: 1.314 ug/l
RT: 10.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

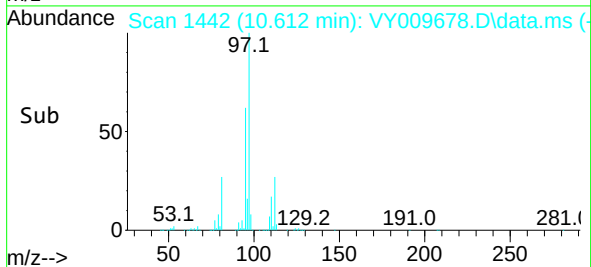
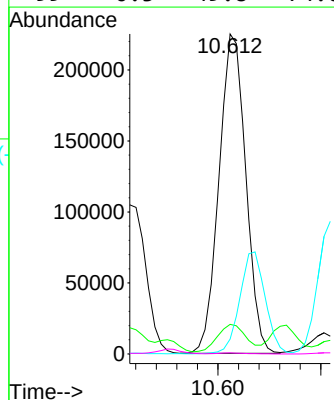
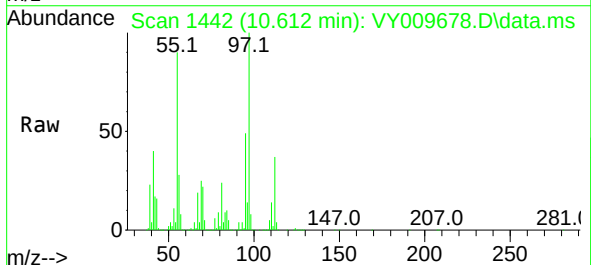
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

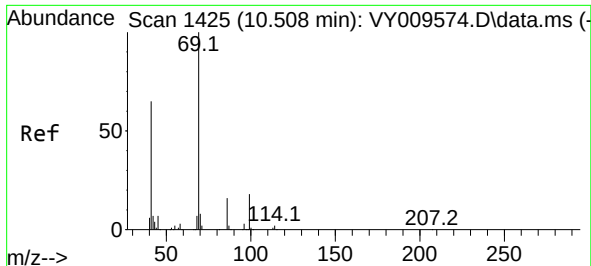
Tgt Ion: 92 Resp: 6412
Ion Ratio Lower Upper
92 100
91 198.6 142.6 213.8



#55
1,1,2-Trichloroethane
Concen: 263.468 ug/l
RT: 10.612 min Scan# 1442
Delta R.T. -0.030 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

Tgt Ion: 97 Resp: 407312
Ion Ratio Lower Upper
97 100
83 6.8 69.8 104.8#
85 4.6 44.3 66.5#
99 0.3 49.8 74.6#

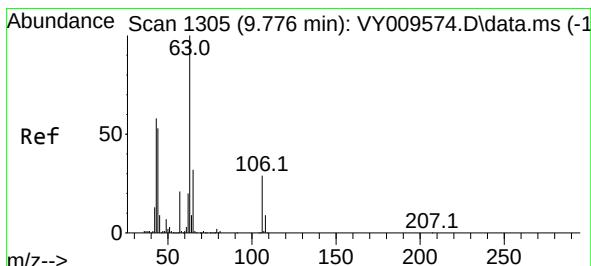
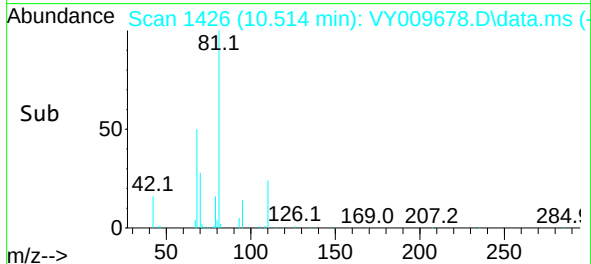
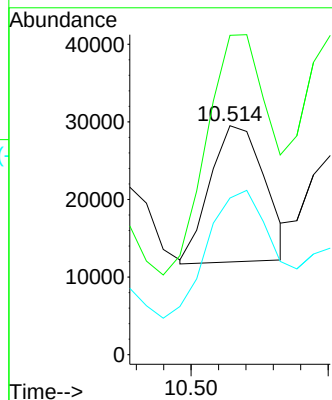
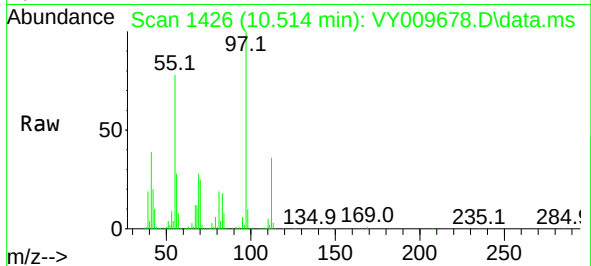




#56
Ethyl methacrylate
Concen: 12.343 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

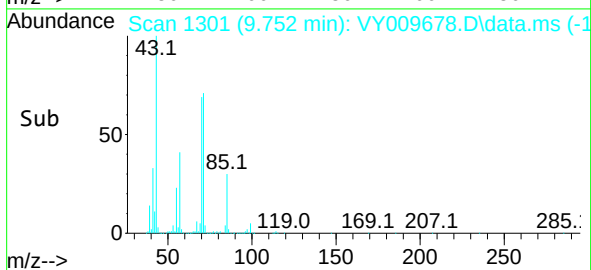
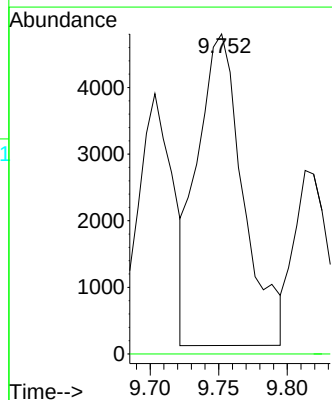
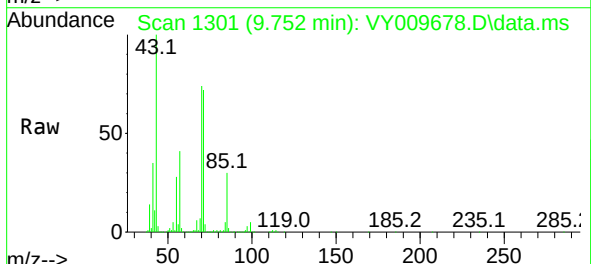
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

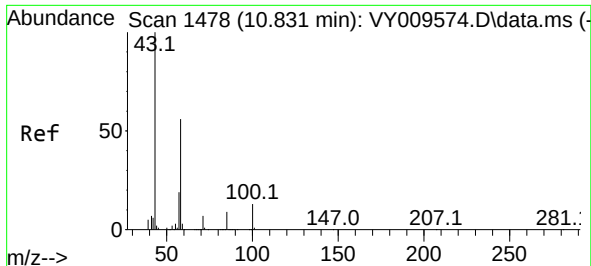
Tgt Ion: 69 Resp: 24413
Ion Ratio Lower Upper
69 100
41 245.5 63.4 95.0#
39 115.3 35.8 53.8#



#58
2-Chloroethyl Vinyl ether
Concen: 37.337 ug/l
RT: 9.752 min Scan# 1301
Delta R.T. -0.024 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

Tgt Ion: 63 Resp: 10905
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

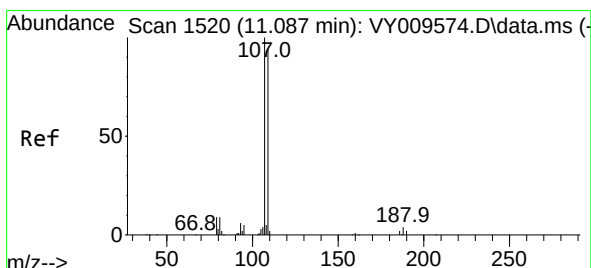
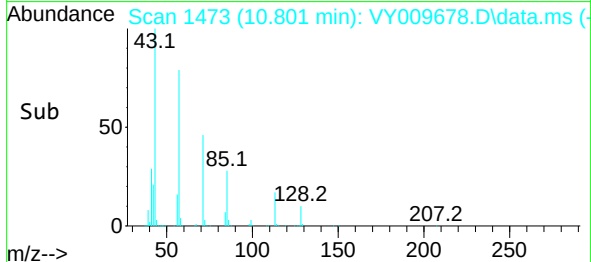
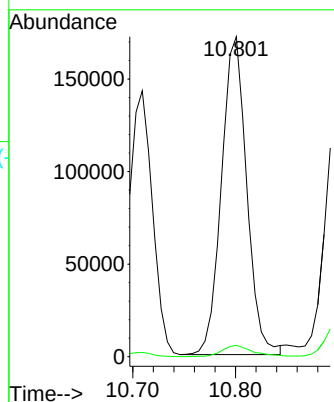
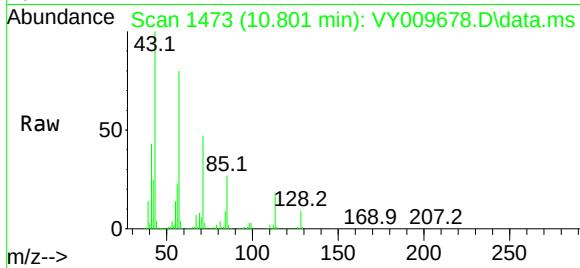




#59
2-Hexanone
Concen: 303.002 ug/l
RT: 10.801 min Scan# 1478
Delta R.T. -0.030 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

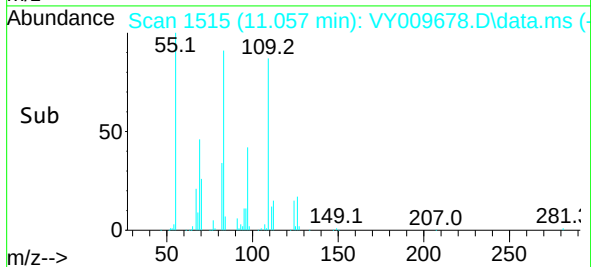
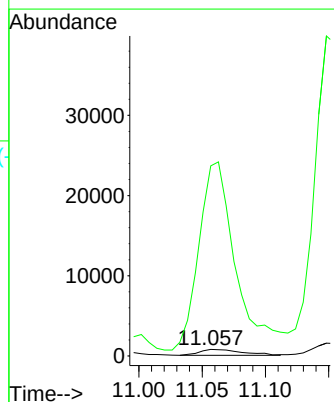
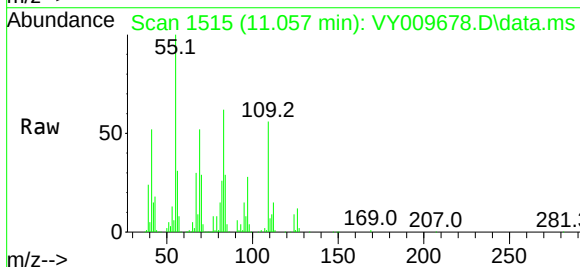
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

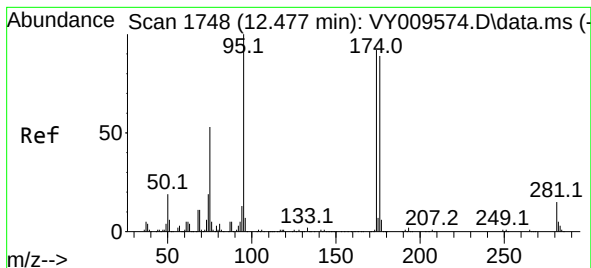
Tgt Ion: 43 Resp: 293796
Ion Ratio Lower Upper
43 100
58 4.4 24.4 73.4#



#61
1,2-Dibromoethane
Concen: 1.130 ug/l
RT: 11.057 min Scan# 1515
Delta R.T. -0.030 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

Tgt Ion: 107 Resp: 1705
Ion Ratio Lower Upper
107 100
109 2805.1 75.4 113.2#

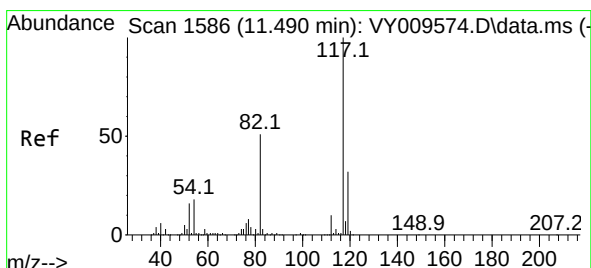
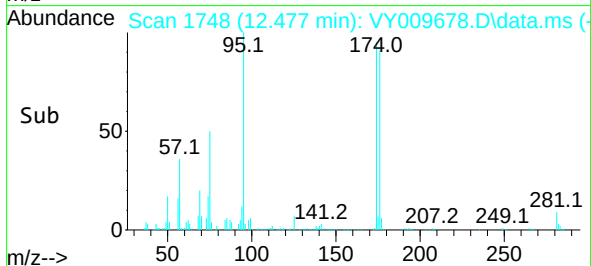
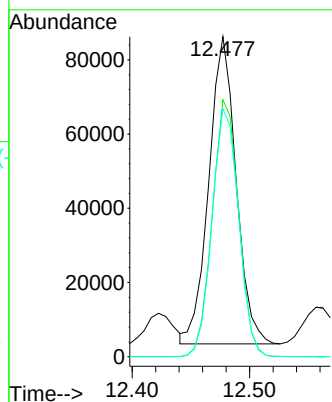
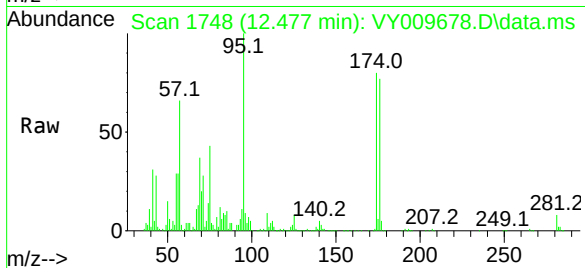




#62
4-Bromofluorobenzene
Concen: 60.082 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

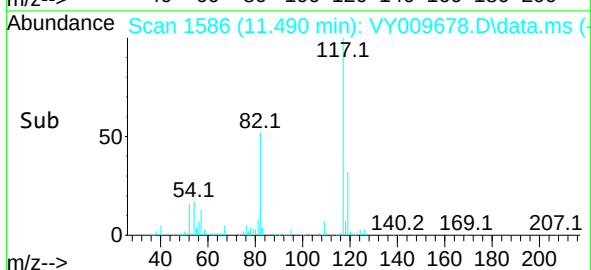
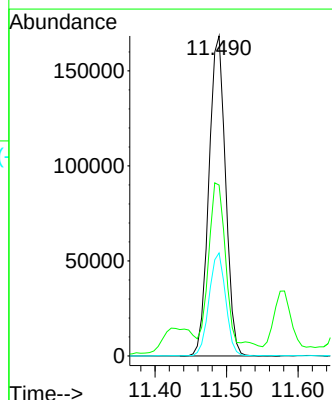
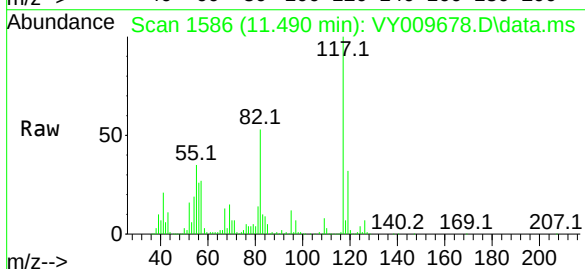
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

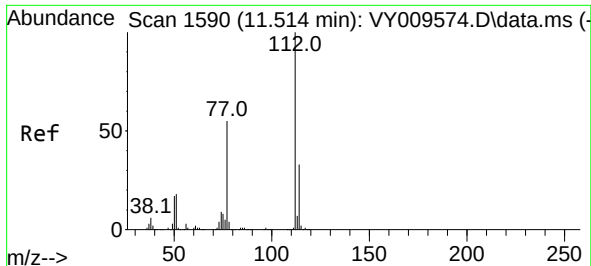
Tgt Ion: 95 Resp: 133340
Ion Ratio Lower Upper
95 100
174 81.2 0.0 177.0
176 78.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

Tgt Ion: 117 Resp: 272354
Ion Ratio Lower Upper
117 100
82 45.2 43.0 64.4
119 32.1 25.4 38.0

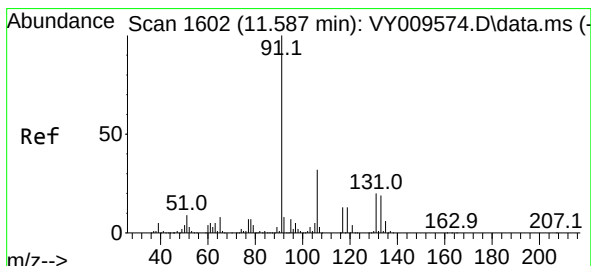
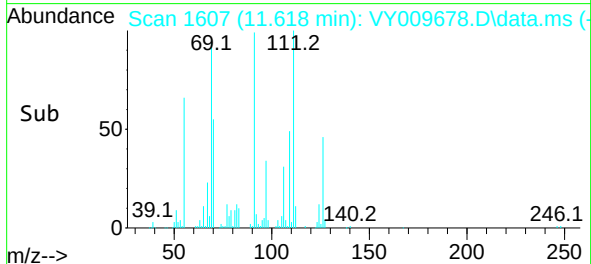
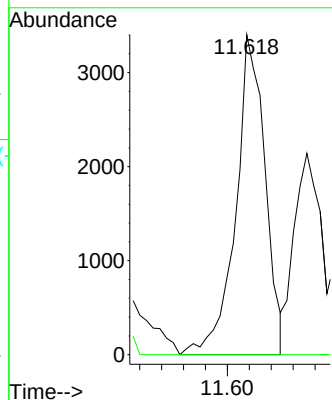
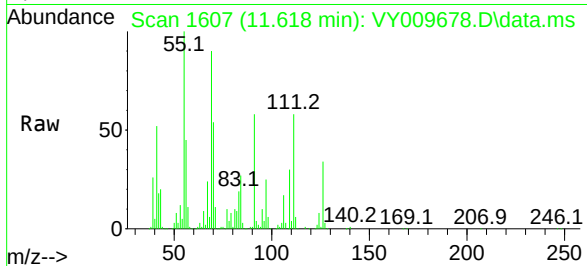




#65
Chlorobenzene
Concen: 1.133 ug/l
RT: 11.618 min Scan# 1607
Delta R.T. 0.104 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

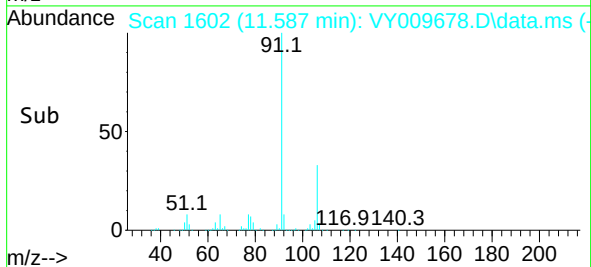
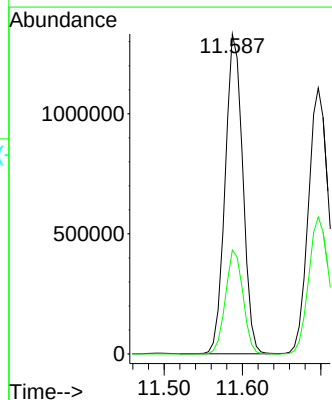
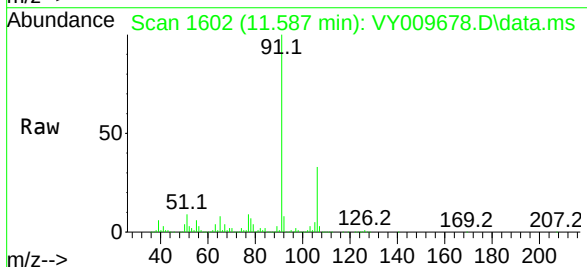
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

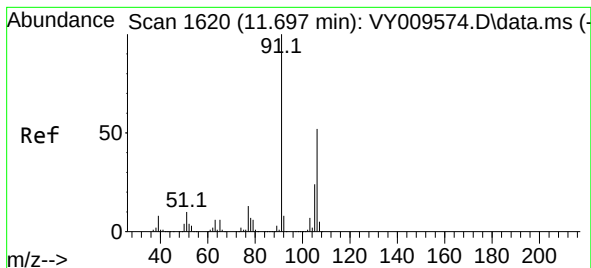
Tgt Ion:112 Resp: 6306
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#



#67
Ethyl Benzene
Concen: 212.555 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

Tgt Ion: 91 Resp: 2080593
Ion Ratio Lower Upper
91 100
106 32.5 24.5 36.7

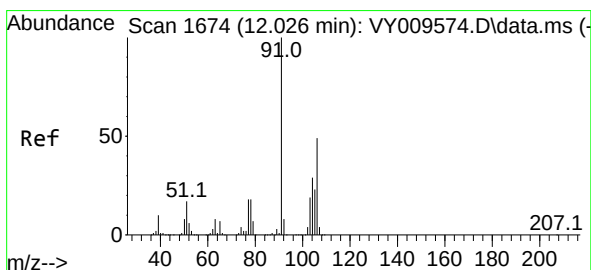
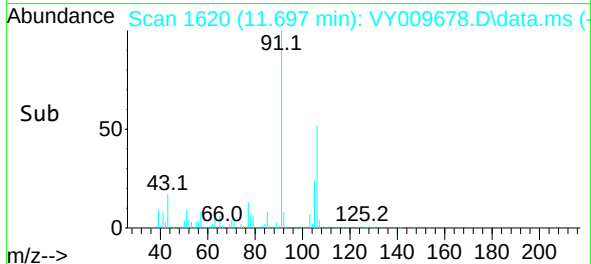
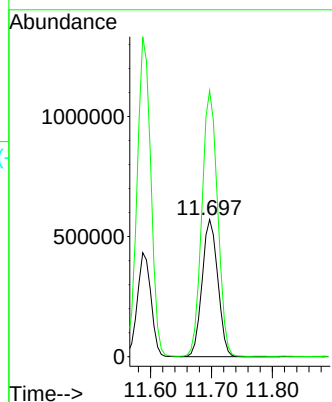
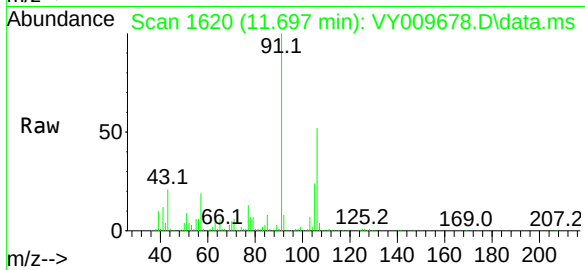




#68
m/p-Xylenes
Concen: 262.103 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

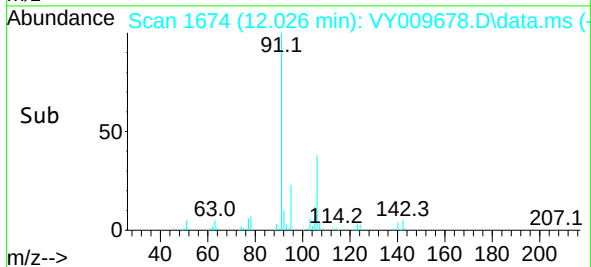
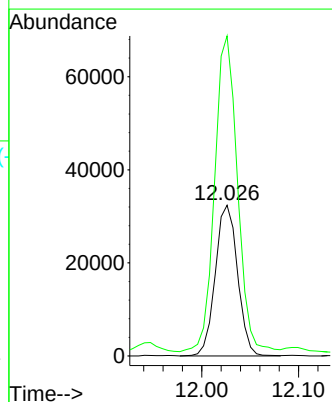
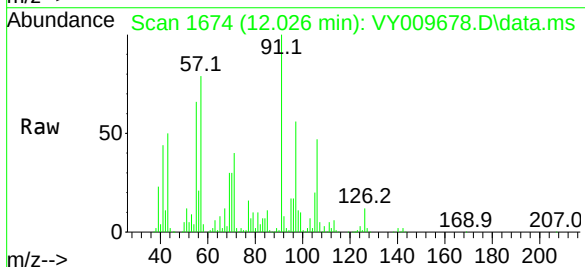
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

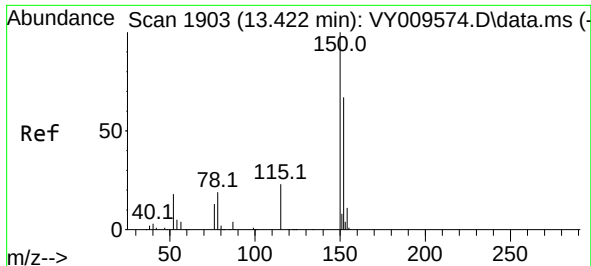
Tgt Ion:106 Resp: 1021056
Ion Ratio Lower Upper
106 100
91 194.6 166.6 249.8



#69
o-Xylene
Concen: 14.205 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

Tgt Ion:106 Resp: 51784
Ion Ratio Lower Upper
106 100
91 213.2 110.3 331.0

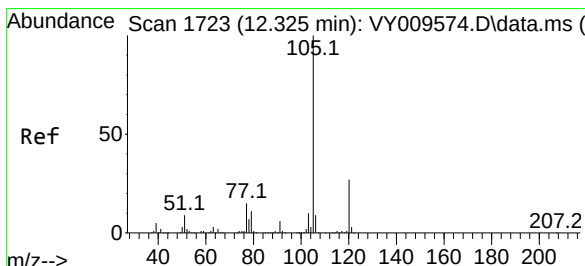
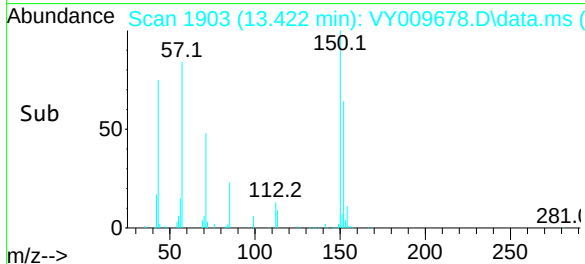
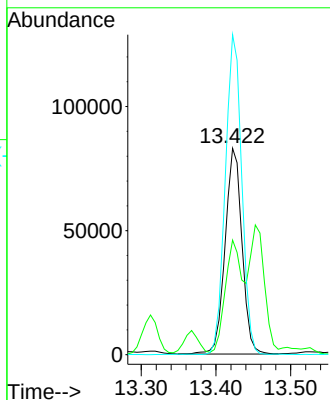
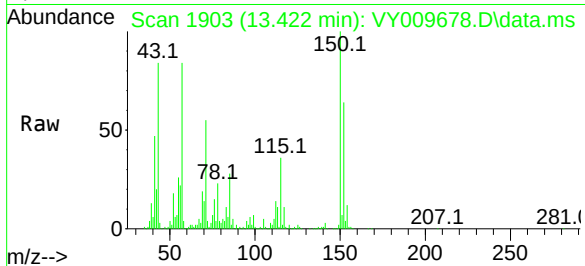




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

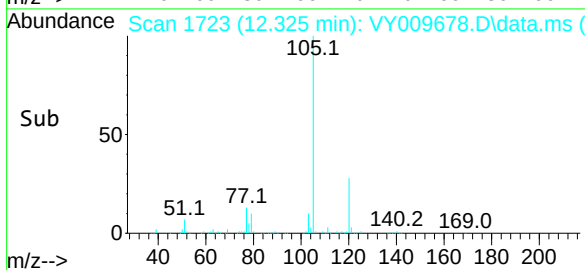
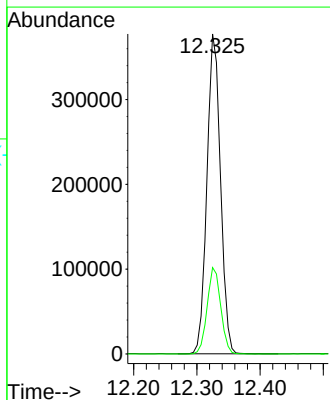
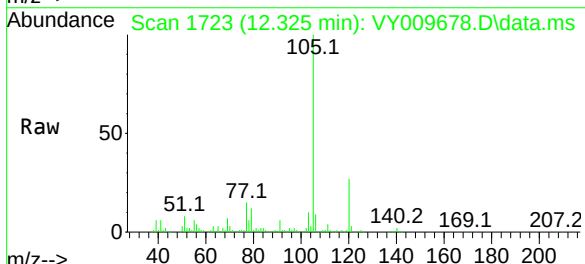
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

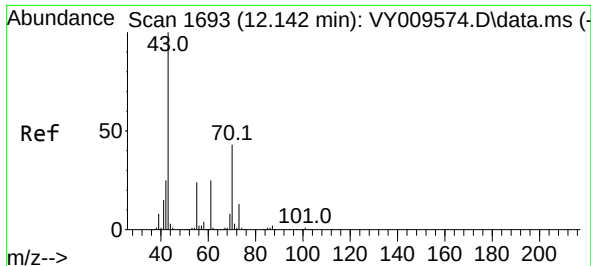
Tgt Ion:152 Resp: 130560
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 151.3 0.0 347.6



#73
Isopropylbenzene
Concen: 62.209 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

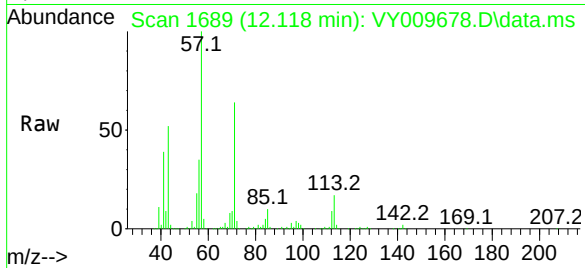
Tgt Ion:105 Resp: 562339
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



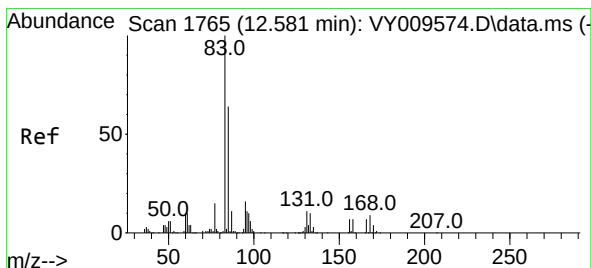
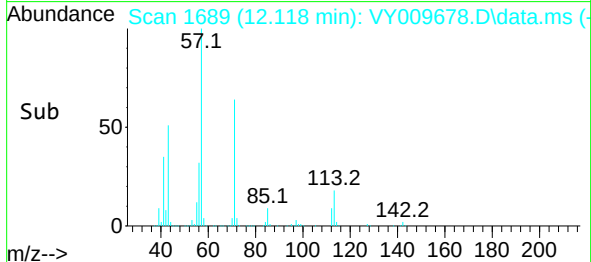
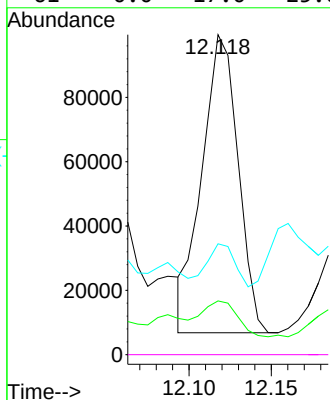


#74
N-amy1 acetate
Concen: 58.948 ug/l
RT: 12.118 min Scan# 1689
Delta R.T. -0.024 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

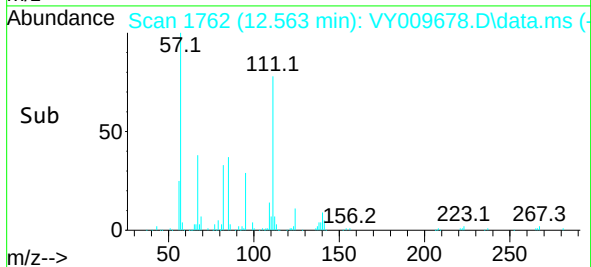
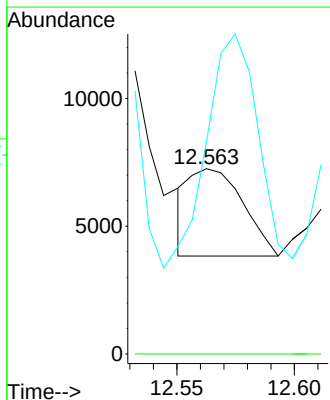
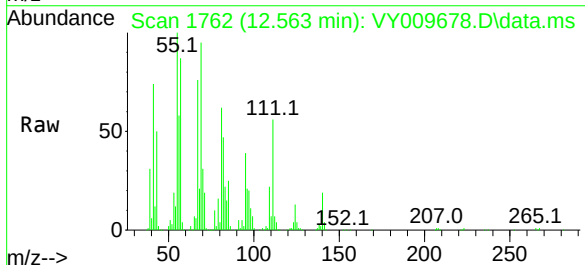


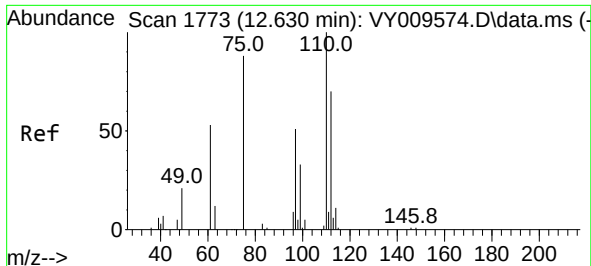
Tgt Ion: 43 Resp: 141718
Ion Ratio Lower Upper
43 100
70 11.8 28.7 43.1#
55 11.0 17.3 25.9#
61 0.0 17.0 25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 3.011 ug/l
RT: 12.563 min Scan# 1762
Delta R.T. -0.018 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

Tgt Ion: 83 Resp: 5450
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 256.3 32.3 96.8#

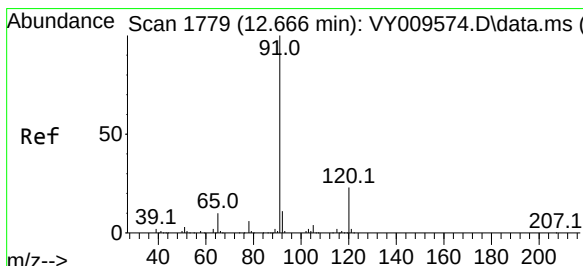
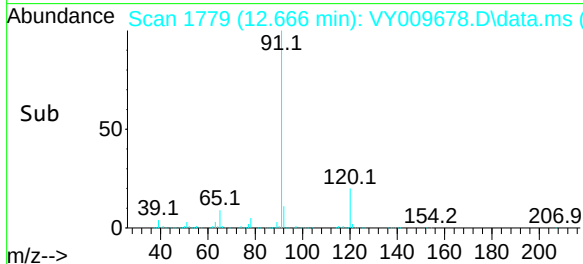
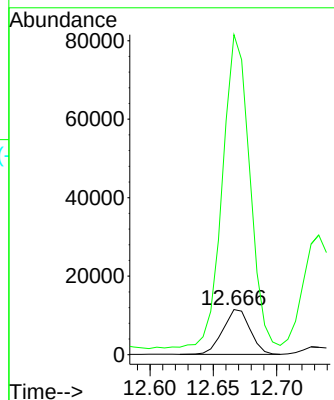
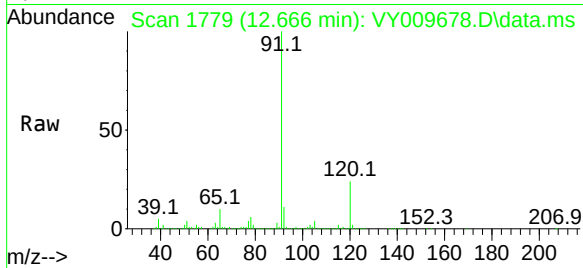




#76
1,2,3-Trichloropropane
Concen: 13.722 ug/l
RT: 12.666 min Scan# 1773
Delta R.T. 0.037 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

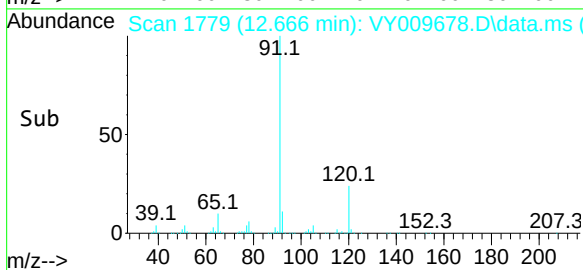
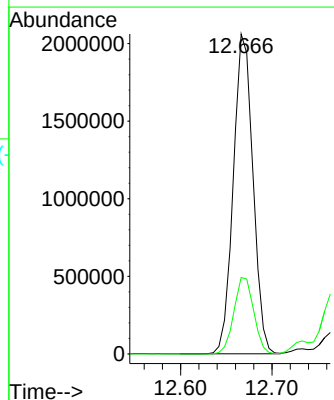
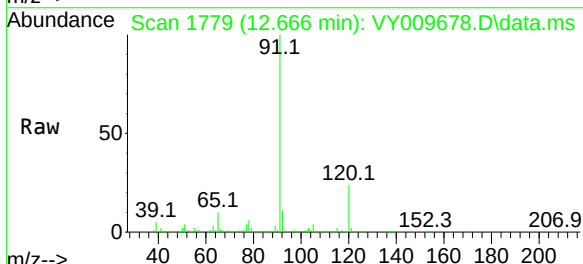
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

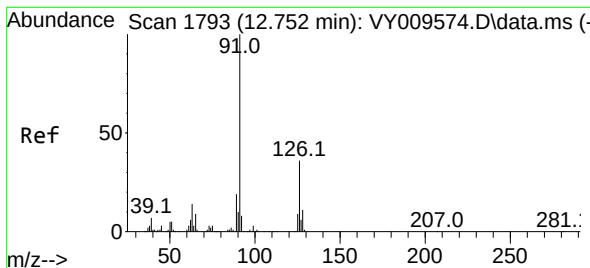
Tgt Ion: 75 Resp: 17066
Ion Ratio Lower Upper
75 100
77 706.6 0.0 0.0#



#78
n-propylbenzene
Concen: 281.367 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

Tgt Ion: 91 Resp: 3073346
Ion Ratio Lower Upper
91 100
120 24.2 11.3 33.9





#79

2-Chlorotoluene

Concen: 40.976 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY009678.D

Acq: 25 Jul 2022 11:53

Instrument :

MSVOA_Y

ClientSampleId :

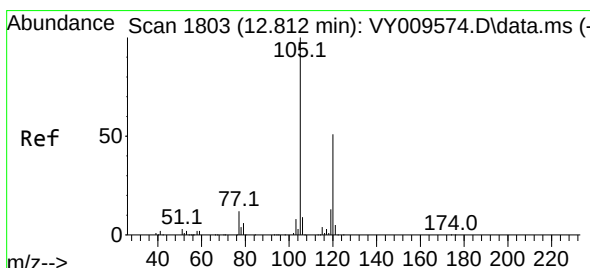
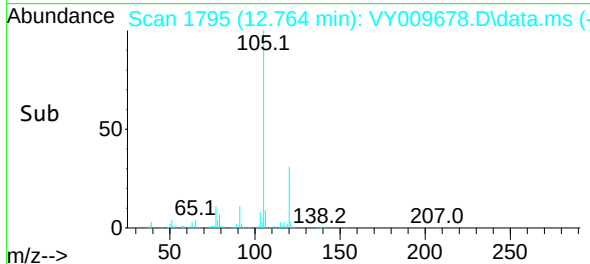
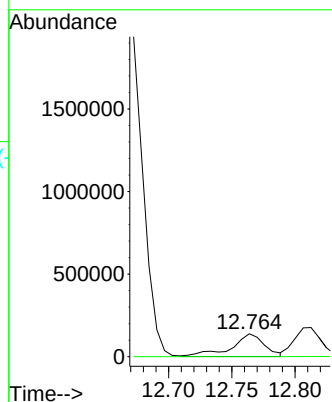
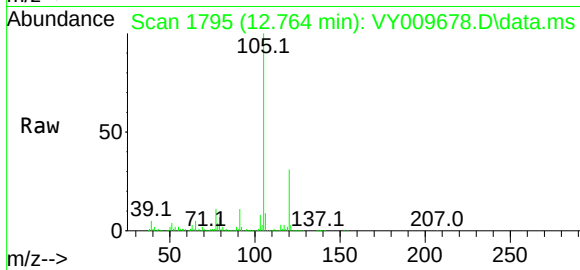
DL-3(8.5-9)

Tgt Ion: 91 Resp: 248155

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.6#



#80

1,3,5-Trimethylbenzene

Concen: 332.194 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY009678.D

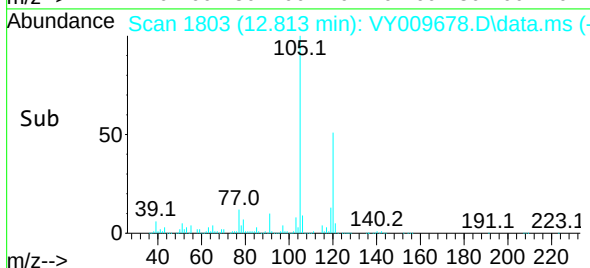
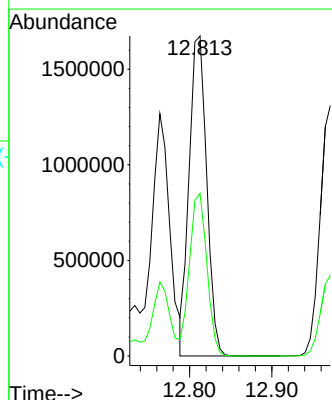
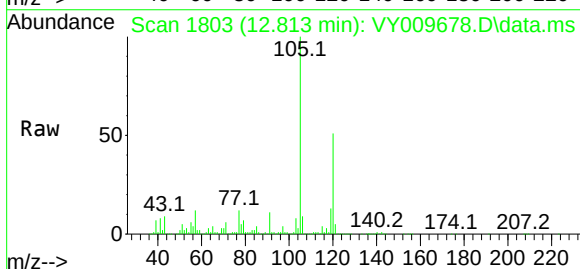
Acq: 25 Jul 2022 11:53

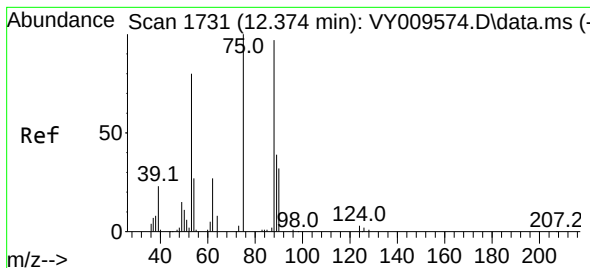
Tgt Ion:105 Resp: 2481318

Ion Ratio Lower Upper

105 100

120 50.4 24.4 73.4

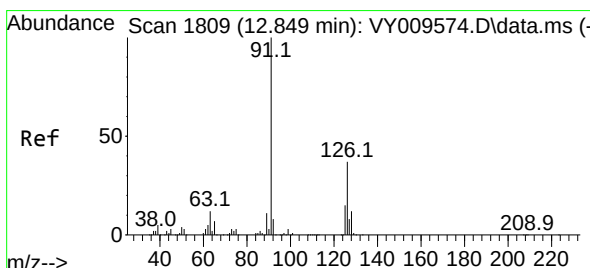
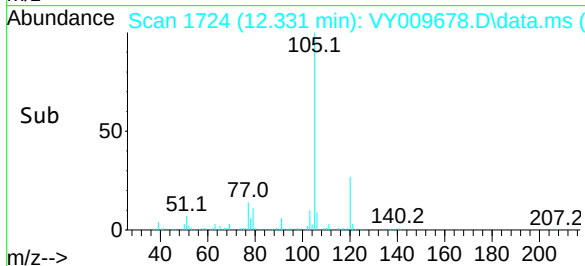
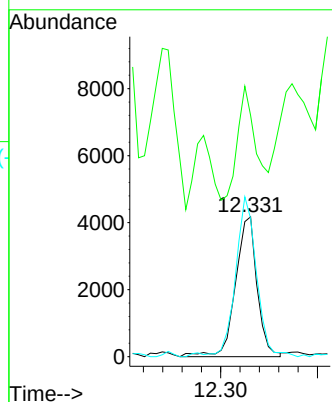
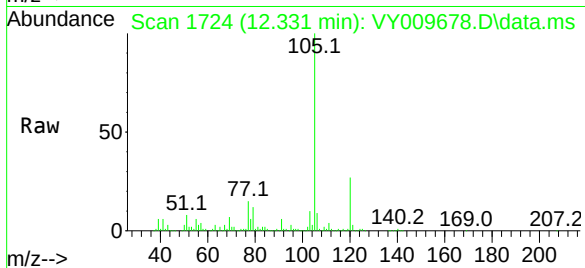




#81
trans-1,4-Dichloro-2-butene
Concen: 10.292 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.043 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

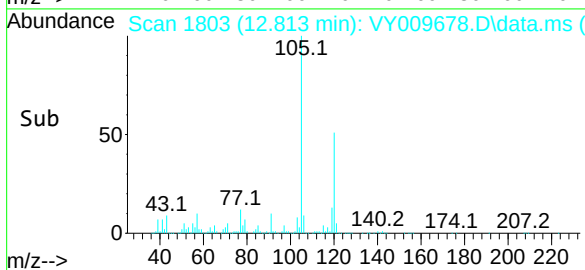
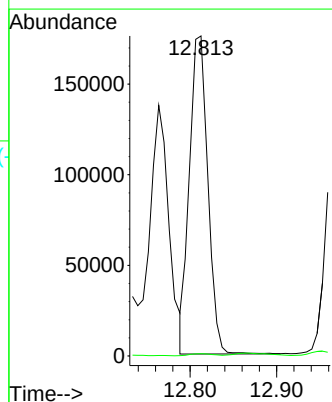
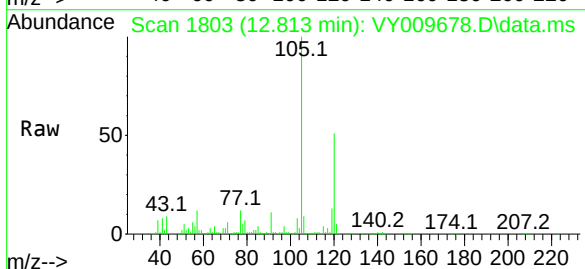
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(8.5-9)

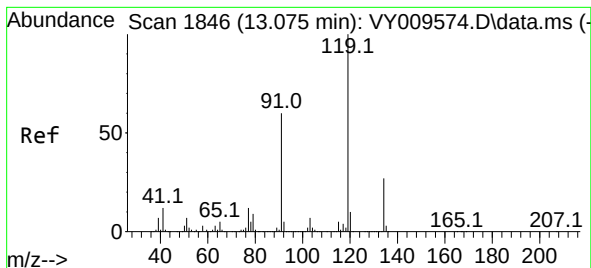
Tgt Ion: 75 Resp: 6492
Ion Ratio Lower Upper
75 100
53 145.8 85.3 127.9#
89 110.2 37.0 55.4#



#82
4-Chlorotoluene
Concen: 41.254 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.037 min
Lab File: VY009678.D
Acq: 25 Jul 2022 11:53

Tgt Ion: 91 Resp: 259190
Ion Ratio Lower Upper
91 100
126 0.8 17.0 51.0#





#83

tert-Butylbenzene

Concen: 74.442 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.043 min

Lab File: VY009678.D

Acq: 25 Jul 2022 11:53

Instrument :

MSVOA_Y

ClientSampleId :

DL-3(8.5-9)

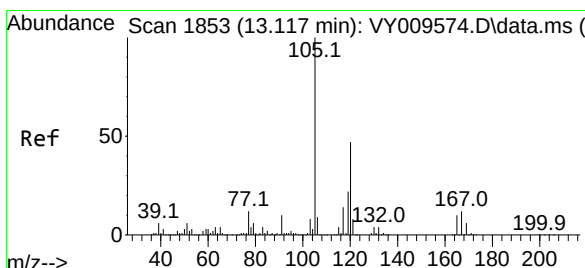
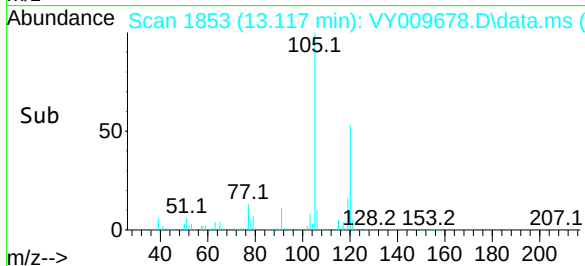
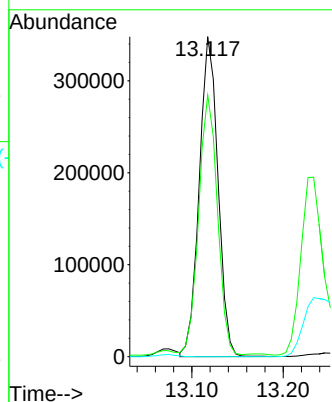
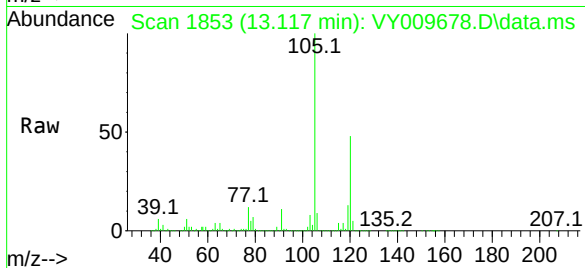
Tgt Ion:119 Resp: 494011

Ion Ratio Lower Upper

119 100

91 81.1 34.8 104.4

134 0.0 13.3 39.9#



#84

1,2,4-Trimethylbenzene

Concen: 521.608 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009678.D

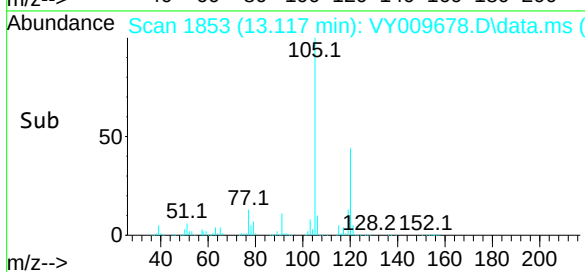
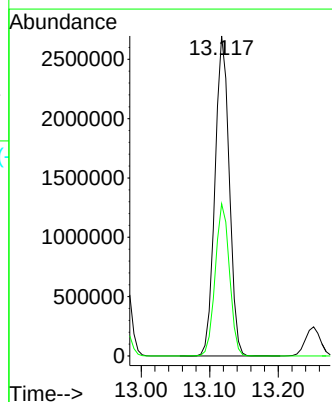
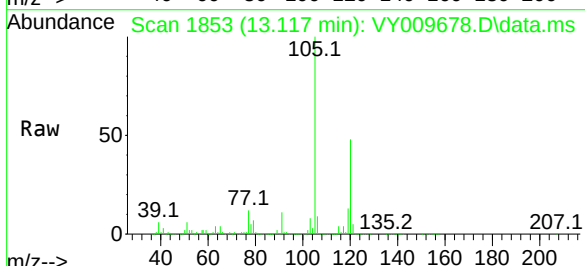
Acq: 25 Jul 2022 11:53

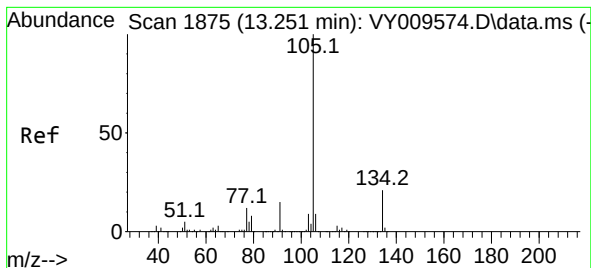
Tgt Ion:105 Resp: 3896470

Ion Ratio Lower Upper

105 100

120 47.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 37.620 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009678.D

Acq: 25 Jul 2022 11:53

Instrument :

MSVOA_Y

ClientSampleId :

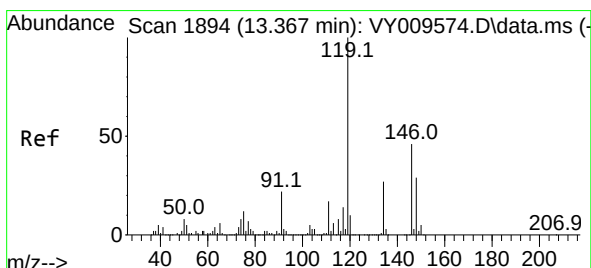
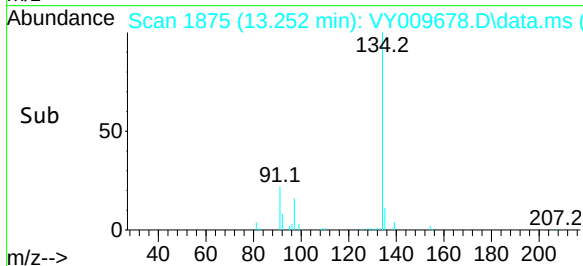
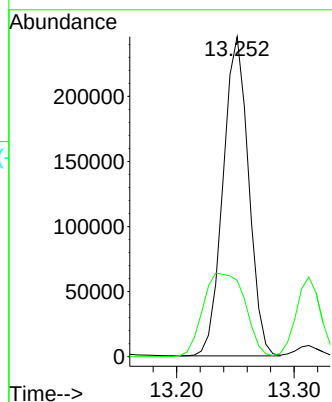
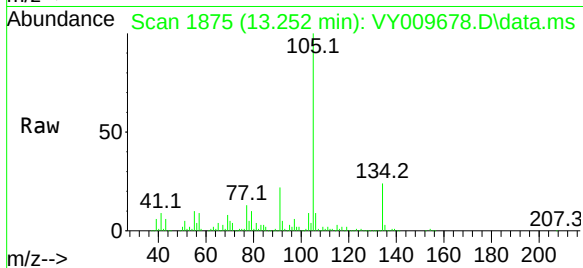
DL-3(8.5-9)

Tgt Ion:105 Resp: 370142

Ion Ratio Lower Upper

105 100

134 42.9 10.2 30.4#



#86

p-Isopropyltoluene

Concen: 20.855 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009678.D

Acq: 25 Jul 2022 11:53

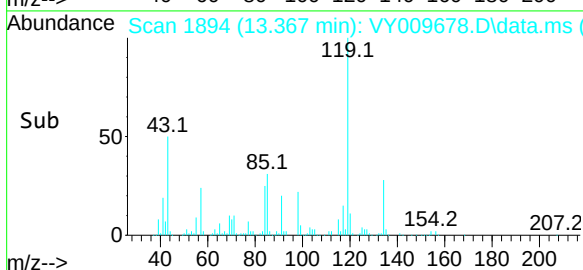
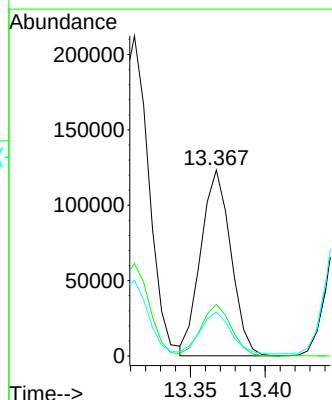
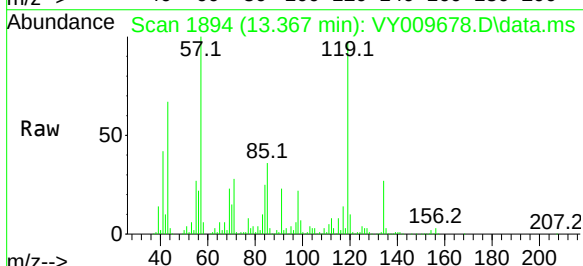
Tgt Ion:119 Resp: 172439

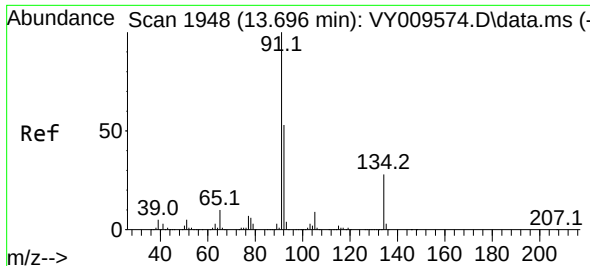
Ion Ratio Lower Upper

119 100

134 27.7 13.2 39.5

91 22.6 12.4 37.2





#89

n-Butylbenzene

Concen: 97.110 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY009678.D

Acq: 25 Jul 2022 11:53

Instrument :

MSVOA_Y

ClientSampleId :

DL-3(8.5-9)

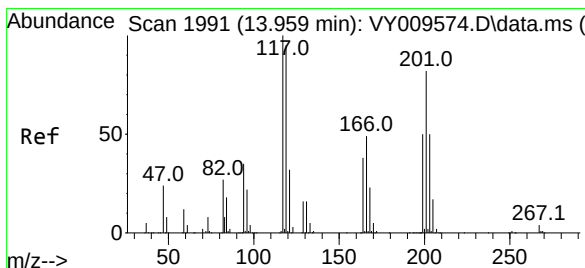
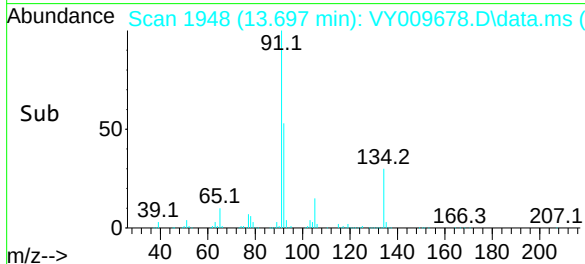
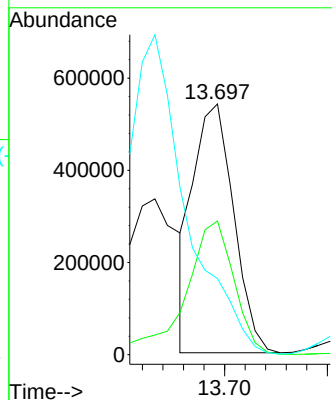
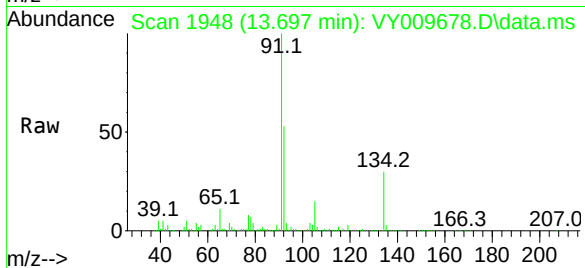
Tgt Ion: 91 Resp: 733331

Ion Ratio Lower Upper

91 100

92 65.2 26.3 78.9

134 0.0 13.0 38.9#



#90

Hexachloroethane

Concen: 184.558 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY009678.D

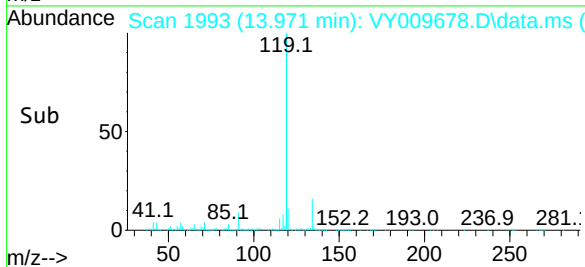
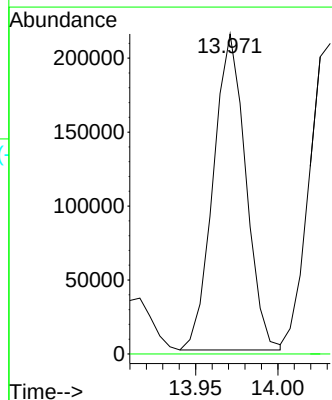
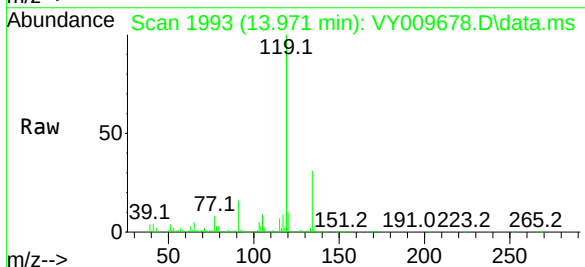
Acq: 25 Jul 2022 11:53

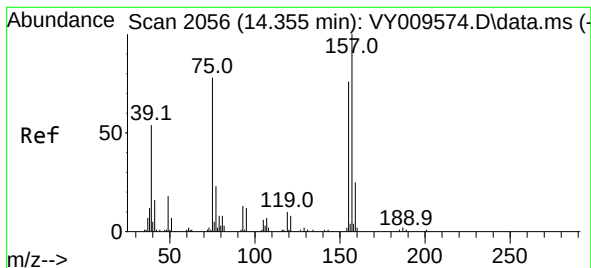
Tgt Ion: 117 Resp: 294001

Ion Ratio Lower Upper

117 100

201 0.0 43.0 128.8#

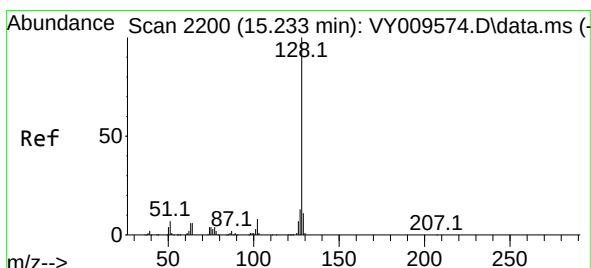
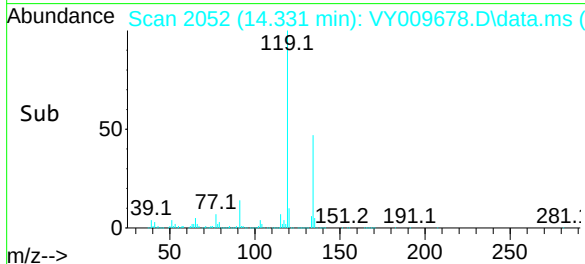
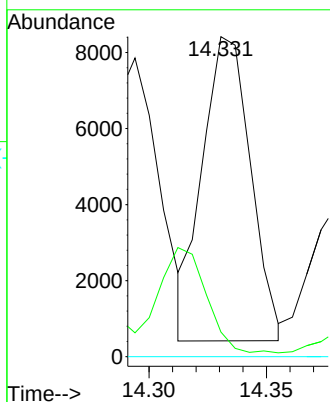
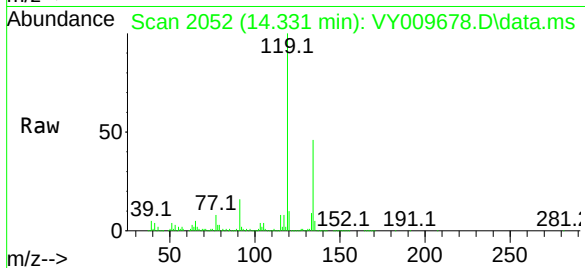




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.404 ug/l
 RT: 14.331 min Scan# 2056
 Delta R.T. -0.024 min
 Lab File: VY009678.D
 Acq: 25 Jul 2022 11:53

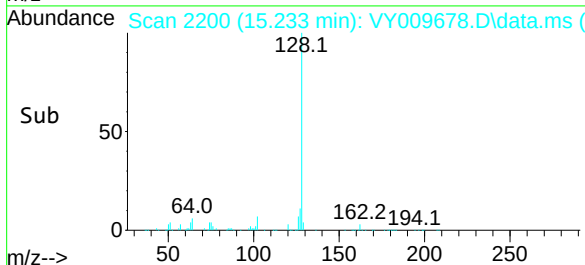
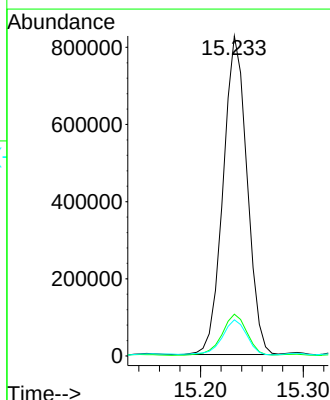
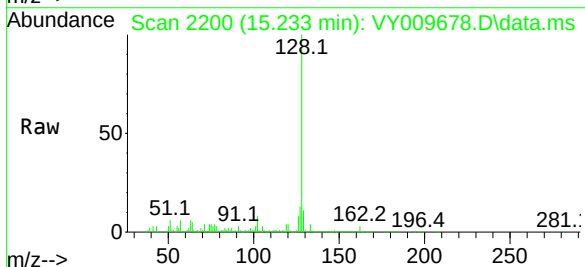
Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-3(8.5-9)

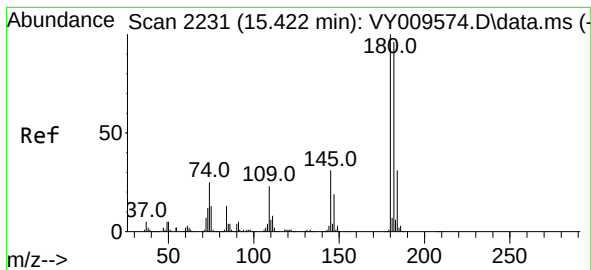
Tgt Ion: 75 Resp: 11403
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.0 113.9#
 157 0.0 47.8 143.3#



#95
 Naphthalene
 Concen: 283.648 ug/l
 RT: 15.233 min Scan# 2200
 Delta R.T. 0.000 min
 Lab File: VY009678.D
 Acq: 25 Jul 2022 11:53

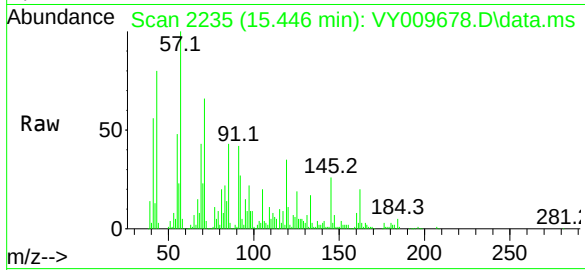
Tgt Ion:128 Resp: 1335208
 Ion Ratio Lower Upper
 128 100
 127 13.5 11.0 16.4
 129 11.3 8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 1.072 ug/l
 RT: 15.446 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VY009678.D
 Acq: 25 Jul 2022 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-3(8.5-9)



Tgt Ion:180 Resp: 2322
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 141.9#
 145 3575.8 15.3 45.9#

