

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009592.D
 Acq On : 19 Jul 2022 16:15
 Operator : KP/MD
 Sample : N3651-03
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-2-(6-12)

Quant Time: Jul 20 02:44:26 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	207019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	314291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	266959	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	50646	25.868	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	51.740%
35) Dibromofluoromethane	7.710	113	62551	31.591	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	63.180%
50) Toluene-d8	10.179	98	461122	60.580	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	121.160%
62) 4-Bromofluorobenzene	12.471	95	250394	101.520	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	203.040%#

Target Compounds				Qvalue		
11) Tert butyl alcohol	4.948	59	392	Below Cal	#	77
13) Acrolein	3.930	56	94599	675.834	ug/l #	74
14) Allyl chloride	4.692	41	820246	278.524	ug/l #	58
15) Acrylonitrile	5.222	53	15545	28.839	ug/l #	40
16) Acetone	3.930	43	256891	518.671	ug/l #	63
17) Carbon Disulfide	4.186	76	8866	1.498	ug/l	100
18) Methyl Acetate	4.692	43	2078963	1495.344	ug/l #	56
20) Methylene Chloride	4.710	84	9186	Below Cal	#	1
25) 2-Butanone	6.972	43	150466	208.267	ug/l #	56
29) Tetrahydrofuran	7.350	42	2875	6.061	ug/l #	38
30) Chloroform	7.460	83	106168	28.574	ug/l #	20
31) Cyclohexane	7.765	56	350140	101.422	ug/l #	67
37) Ethyl Acetate	6.972	43	150466	92.398	ug/l #	74
38) Carbon Tetrachloride	7.783	117	18865	6.159	ug/l #	16
39) Methylcyclohexane	9.149	83	1321036	366.164	ug/l #	15
41) Methacrylonitrile	7.344	41	29077	37.210	ug/l #	54
42) 1,2-Dichloroethane	8.338	62	31694	13.196	ug/l #	1
43) Isopropyl Acetate	8.313	43	5536144	1855.307	ug/l #	57
45) 1,2-Dichloropropane	9.185	63	19702	9.380	ug/l #	1
46) Dibromomethane	9.319	93	2004	1.643	ug/l #	1
47) Bromodichloromethane	9.472	83	713217	249.322	ug/l #	28
48) Methyl methacrylate	9.319	41	1343107	1018.775	ug/l #	37
51) 4-Methyl-2-Pentanone	10.112	43	2291673	1479.131	ug/l	92
55) 1,1,2-Trichloroethane	10.618	97	2126449	1237.660	ug/l #	25
56) Ethyl methacrylate	10.520	69	158256	71.996	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.752	63	97283	100.976	ug/l #	48
59) 2-Hexanone	10.807	43	757392	702.855	ug/l #	39
61) 1,2-Dibromoethane	11.063	107	14832	8.848	ug/l #	1
65) Chlorobenzene	11.423	112	23291	4.270	ug/l #	44
67) Ethyl Benzene	11.551	91	15364	1.601	ug/l #	44
73) Isopropylbenzene	12.331	105	108415	13.550	ug/l	97
74) N-amyl acetate	12.197	43	697779	327.920	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.569	83	135858	84.787	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	39735	36.095	ug/l #	100
78) n-propylbenzene	12.666	91	96969	10.030	ug/l	95
79) 2-Chlorotoluene	12.733	91	5534	1.032	ug/l	98

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

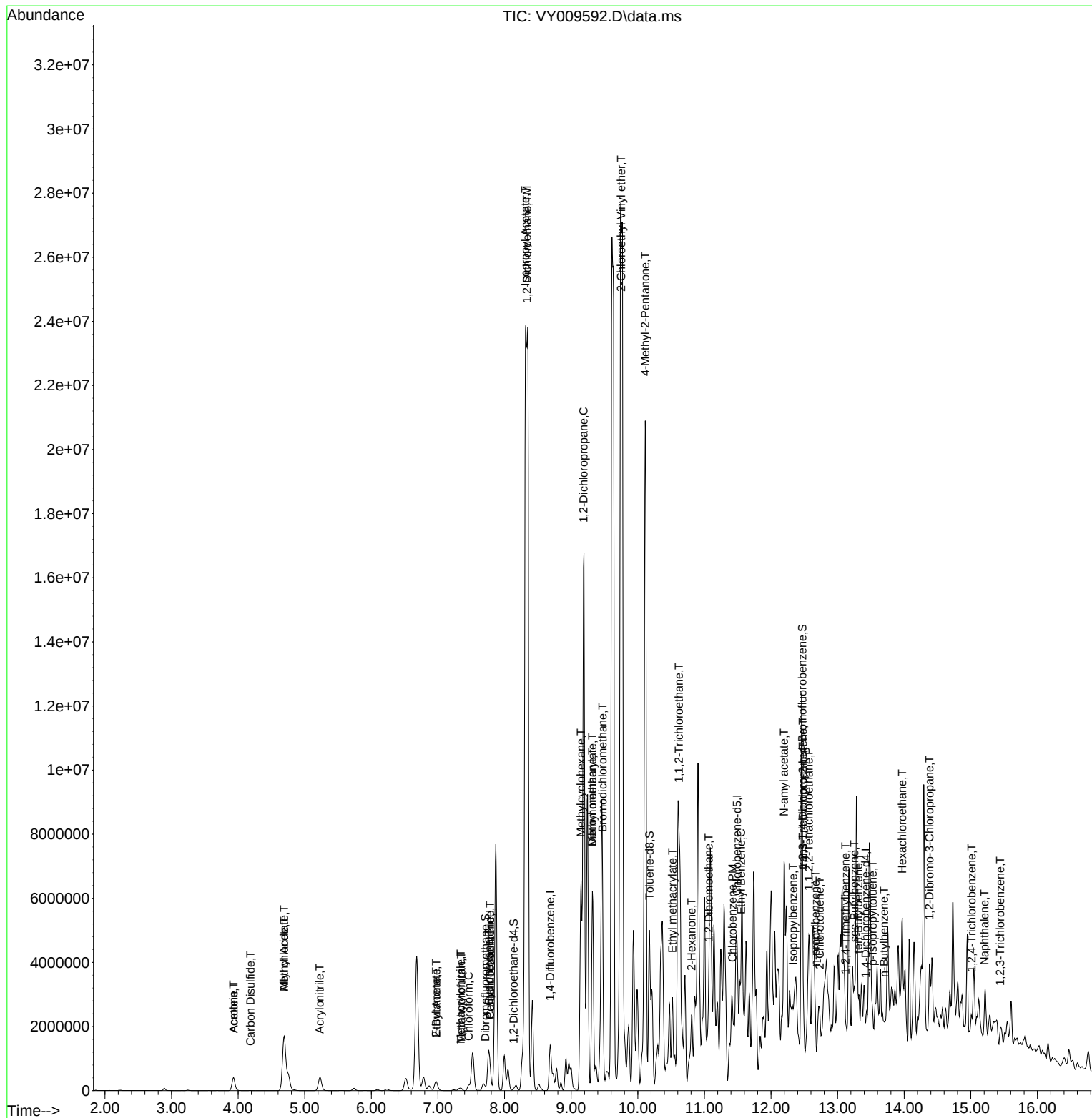
81) trans-1,4-Dichloro-2-b...	12.477	75	39735	71.172	ug/l #	1
83) tert-Butylbenzene	13.312	119	30234	5.147	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	8969	1.356	ug/l	90
85) sec-Butylbenzene	13.252	105	199240	22.879	ug/l #	43
86) p-Isopropyltoluene	13.526	119	205624	28.096	ug/l	98
89) n-Butylbenzene	13.697	91	101898	15.245	ug/l #	64
90) Hexachloroethane	13.971	117	58144	41.238	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.379	75	2303	9.447	ug/l #	32
93) 1,2,4-Trichlorobenzene	15.013	180	4362	1.999	ug/l #	1
95) Naphthalene	15.202	128	33350	8.004	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.440	180	9983	5.208	ug/l #	13

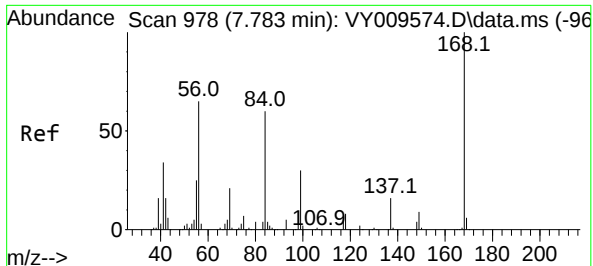
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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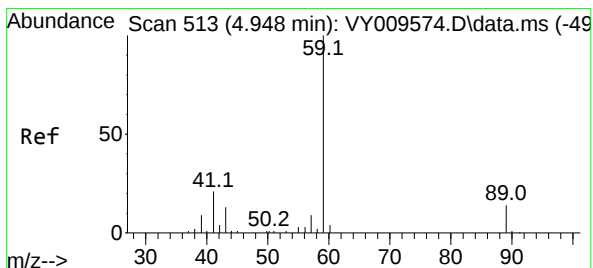
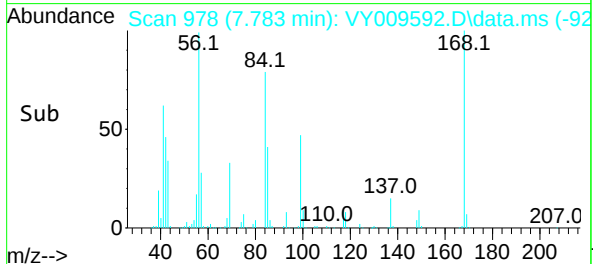
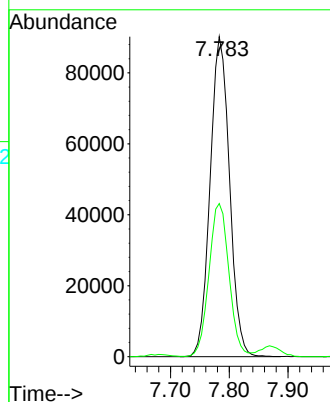
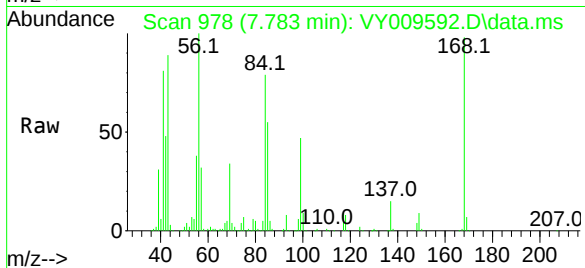




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

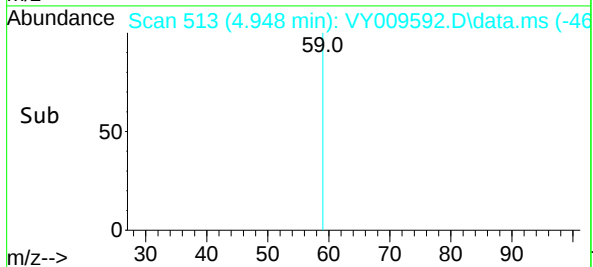
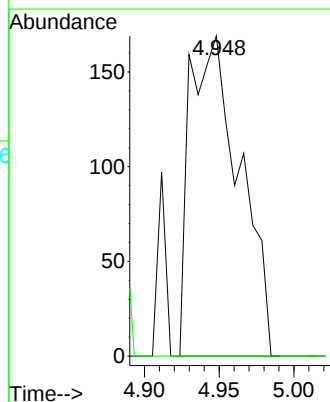
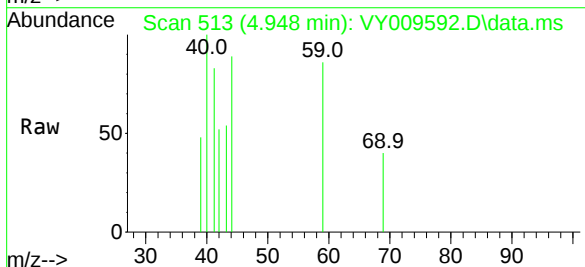
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)

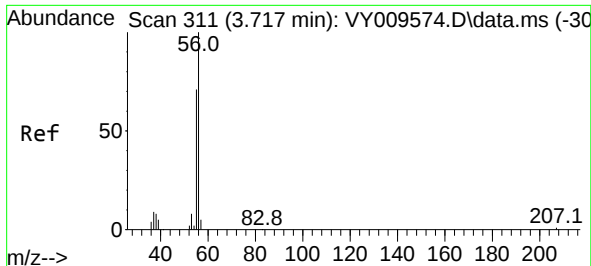
Tgt Ion:168 Resp: 207019
Ion Ratio Lower Upper
168 100
99 47.7 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

Tgt Ion: 59 Resp: 392
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

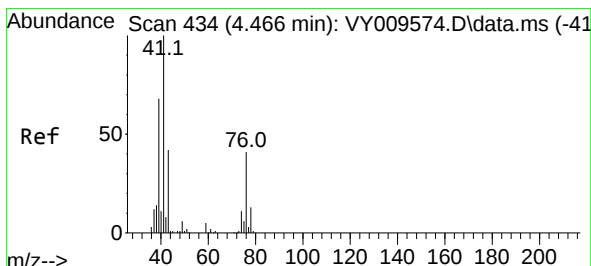
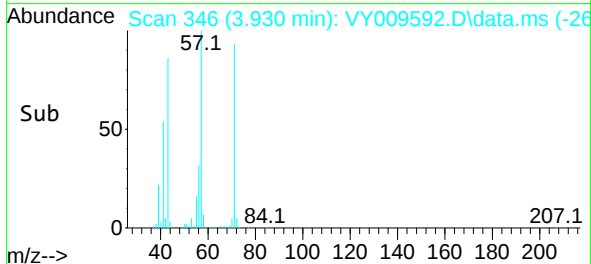
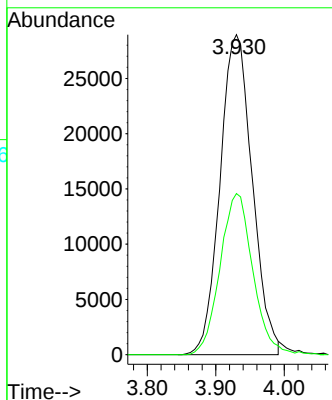
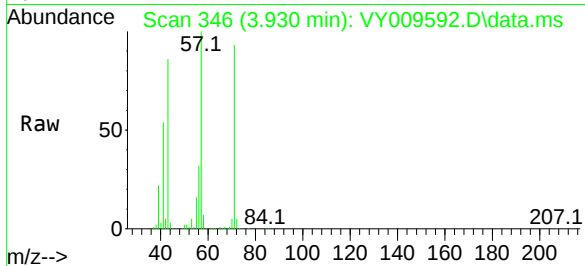




#13
Acrolein
Concen: 675.834 ug/l
RT: 3.930 min Scan# 341
Delta R.T. 0.213 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

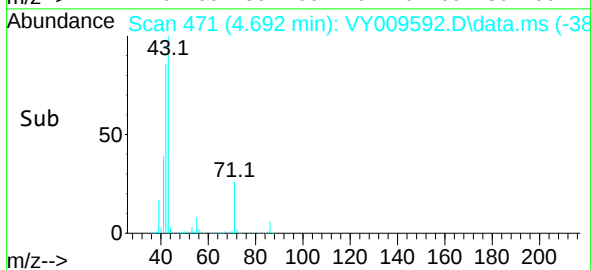
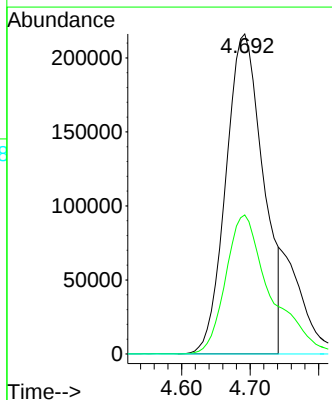
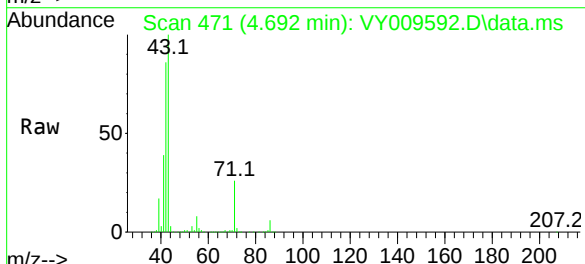
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)

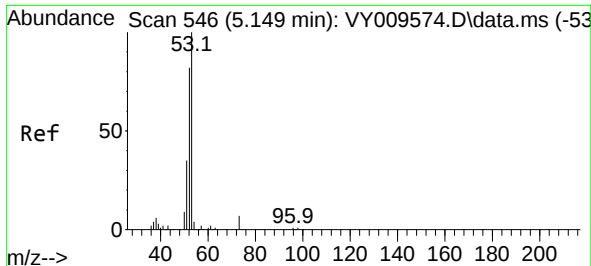
Tgt Ion: 56 Resp: 94599
Ion Ratio Lower Upper
56 100
55 50.5 57.6 86.4#



#14
Allyl chloride
Concen: 278.524 ug/l
RT: 4.692 min Scan# 471
Delta R.T. 0.226 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

Tgt Ion: 41 Resp: 820246
Ion Ratio Lower Upper
41 100
39 43.5 58.8 88.2#
76 0.0 25.1 37.7#

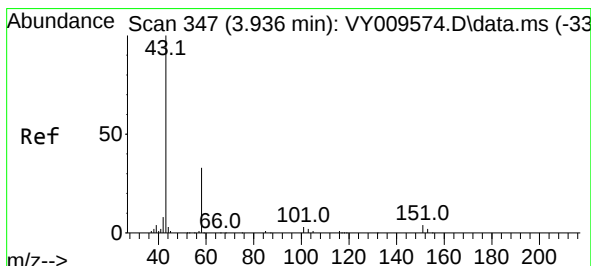
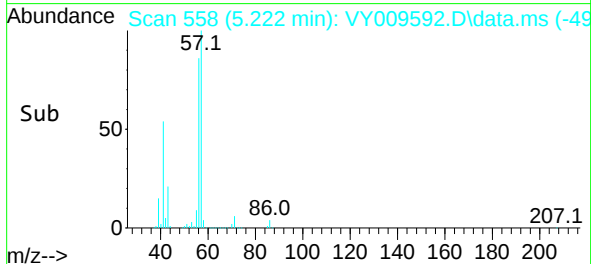
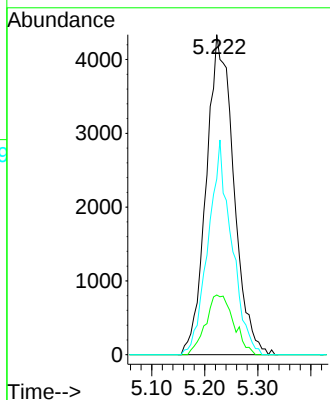
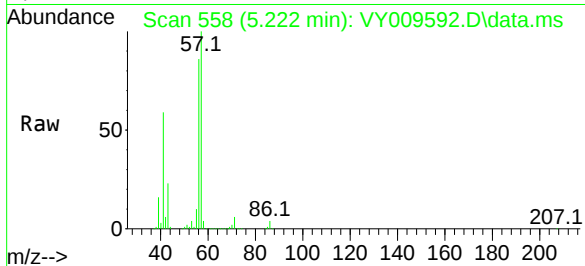




#15
Acrylonitrile
Concen: 28.839 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.073 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

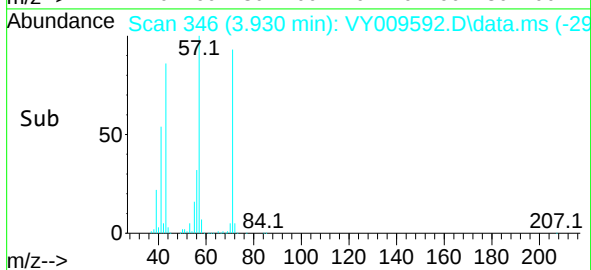
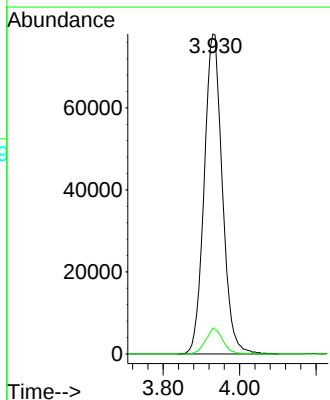
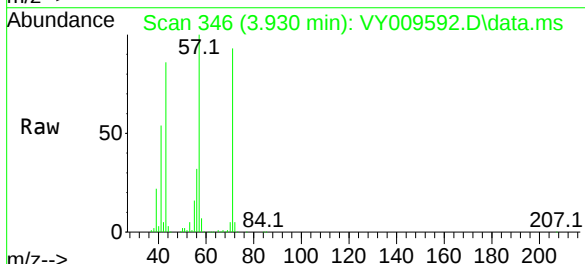
Instrument :
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SED-2-(6-12)

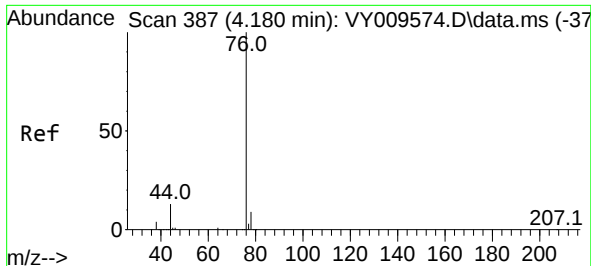
Tgt Ion: 53 Resp: 15545
Ion Ratio Lower Upper
53 100
52 19.0 67.0 100.4#
51 57.5 29.8 44.6#



#16
Acetone
Concen: 518.671 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

Tgt Ion: 43 Resp: 256891
Ion Ratio Lower Upper
43 100
58 8.1 22.0 33.0#

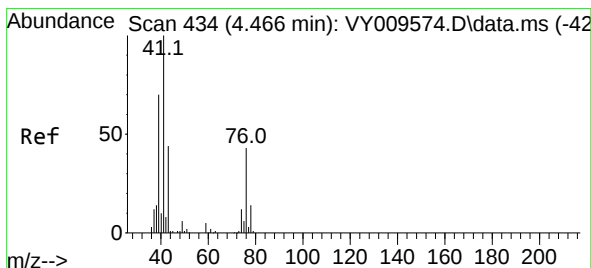
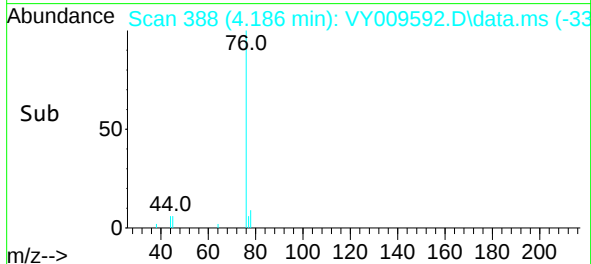
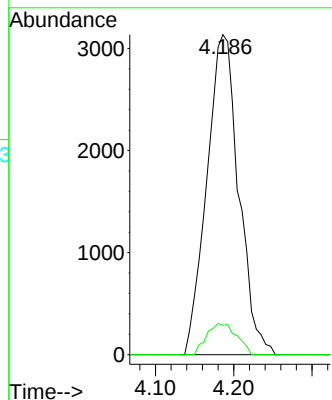
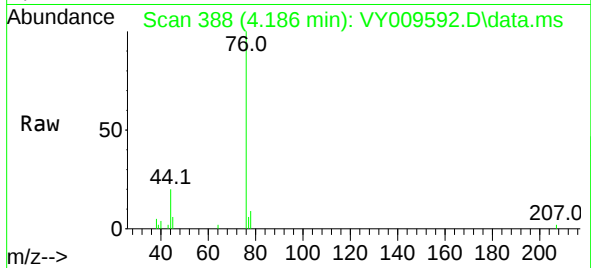




#17
Carbon Disulfide
Concen: 1.498 ug/l
RT: 4.186 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

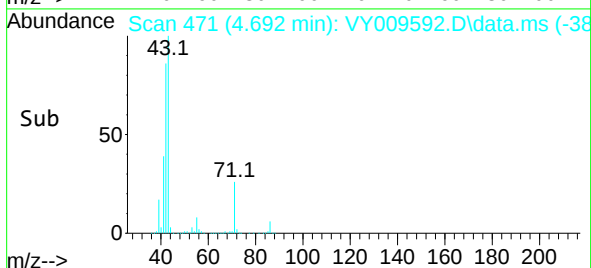
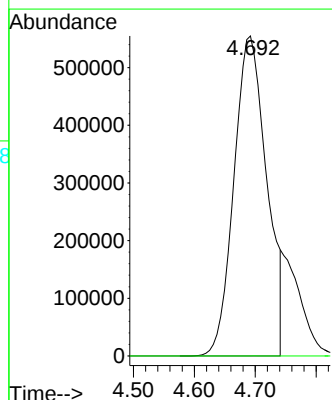
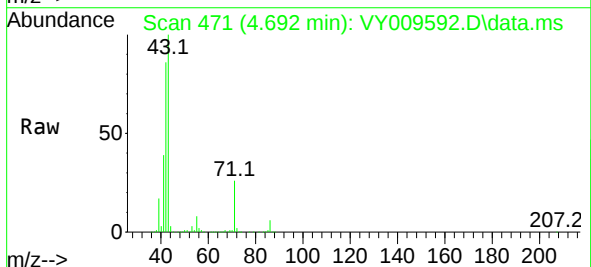
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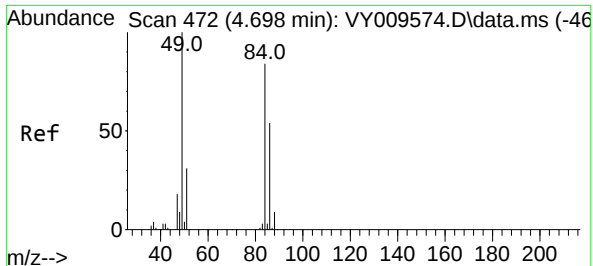
Tgt Ion: 76 Resp: 8866
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 1495.344 ug/l
RT: 4.692 min Scan# 471
Delta R.T. 0.226 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

Tgt Ion: 43 Resp: 2078963
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

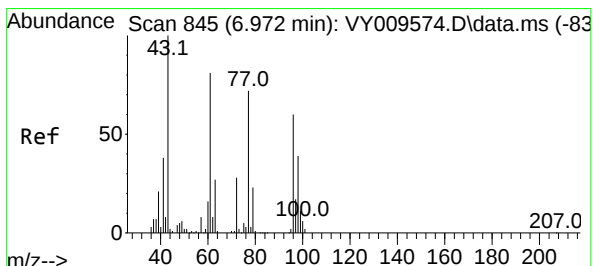
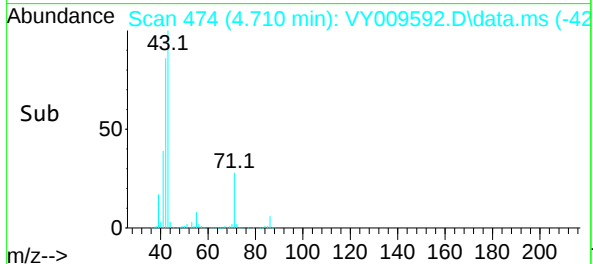
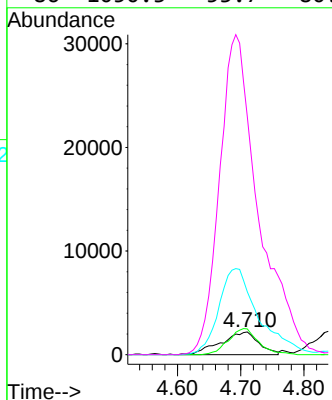
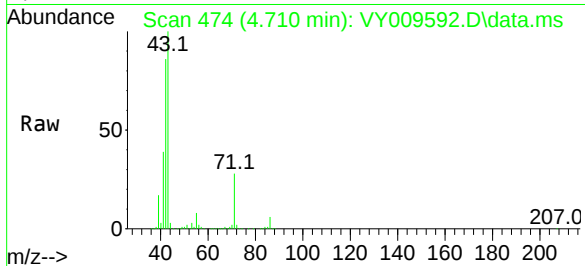




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

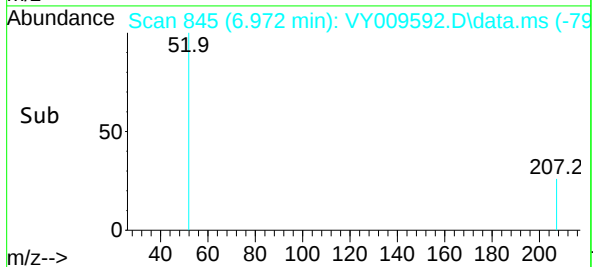
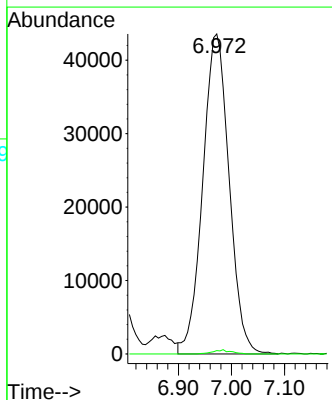
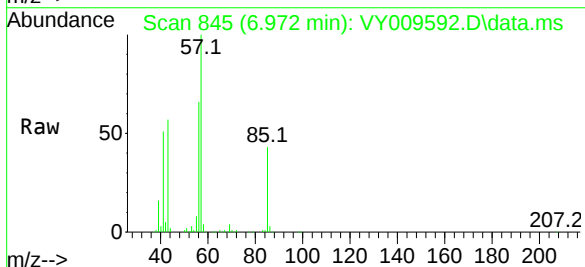
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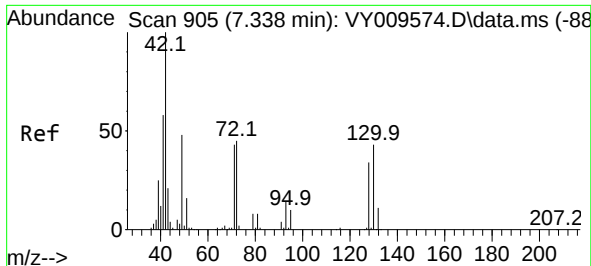
Tgt Ion: 84 Resp: 9186
Ion Ratio Lower Upper
84 100
49 113.4 114.4 171.6#
51 277.7 35.3 52.9#
86 1050.3 53.7 80.5#



#25
2-Butanone
Concen: 208.267 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

Tgt Ion: 43 Resp: 150466
Ion Ratio Lower Upper
43 100
72 1.0 17.7 26.5#





#29

Tetrahydrofuran

Concen: 6.061 ug/l

RT: 7.350 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY009592.D

Acq: 19 Jul 2022 16:15

Instrument :

MSVOA_Y

ClientSampleId :

SED-2-(6-12)

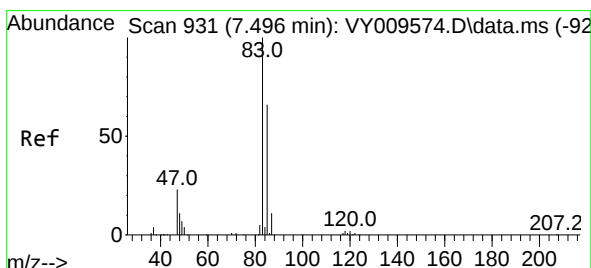
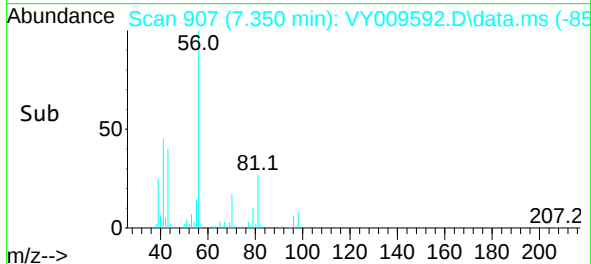
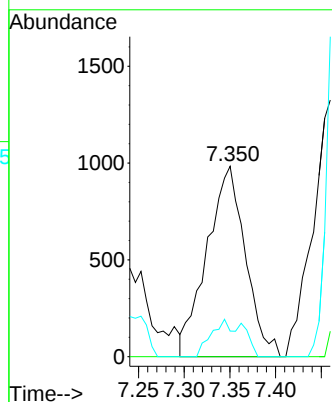
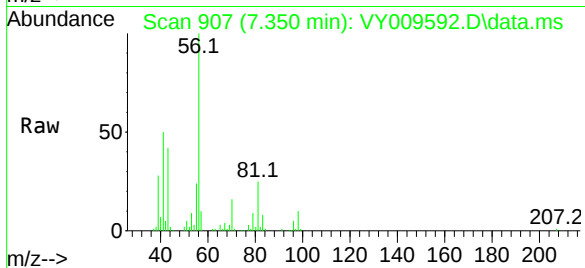
Tgt Ion: 42 Resp: 2875

Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

71 0.0 29.0 43.4#



#30

Chloroform

Concen: 28.574 ug/l

RT: 7.460 min Scan# 925

Delta R.T. -0.037 min

Lab File: VY009592.D

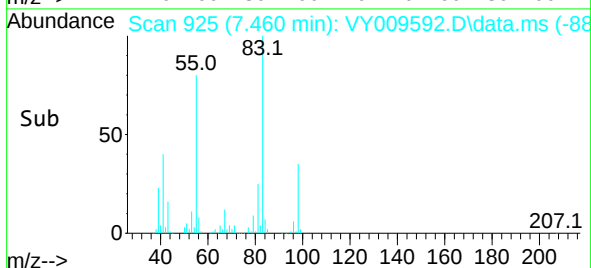
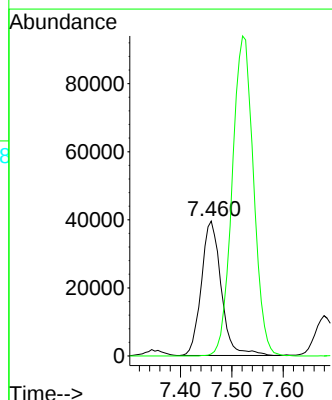
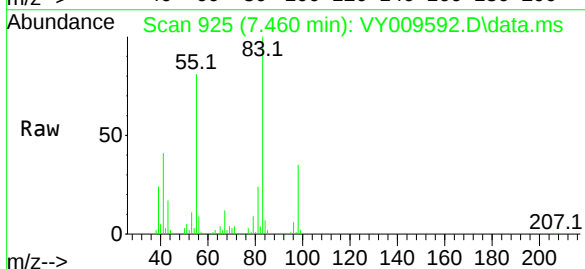
Acq: 19 Jul 2022 16:15

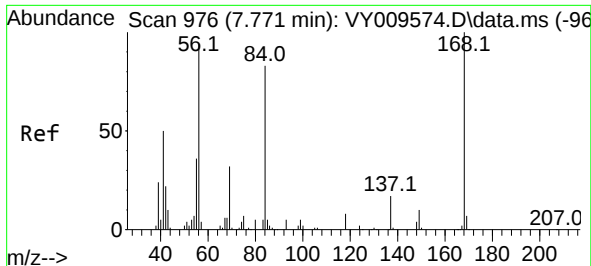
Tgt Ion: 83 Resp: 106168

Ion Ratio Lower Upper

83 100

85 1.6 51.8 77.6#

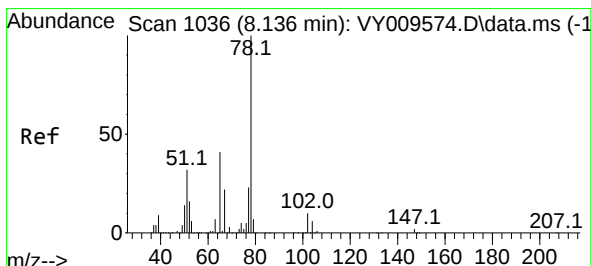
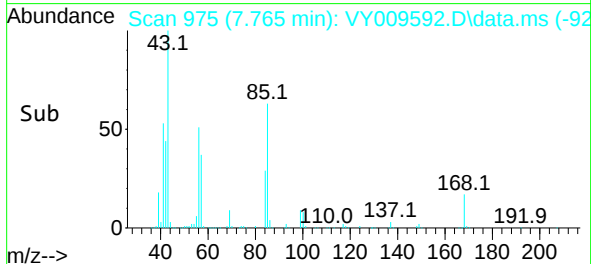
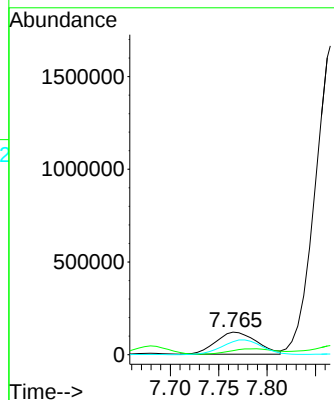
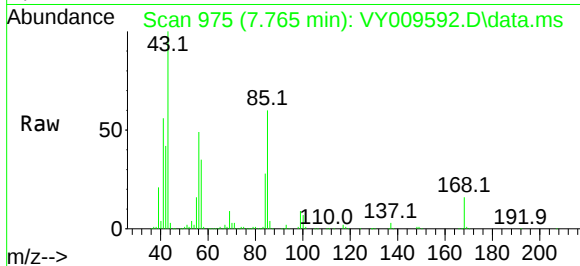




#31
Cyclohexane
Concen: 101.422 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

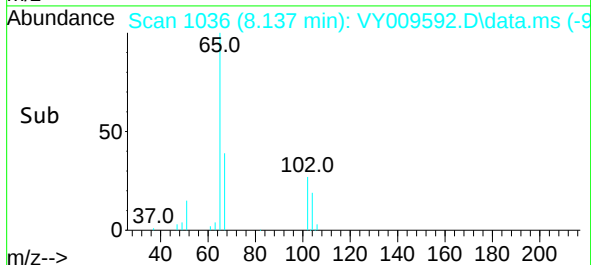
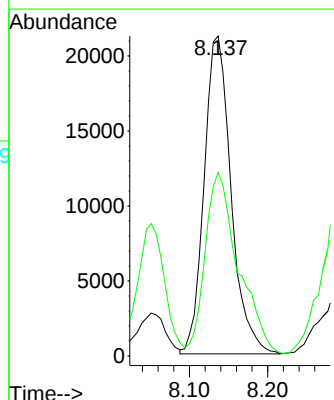
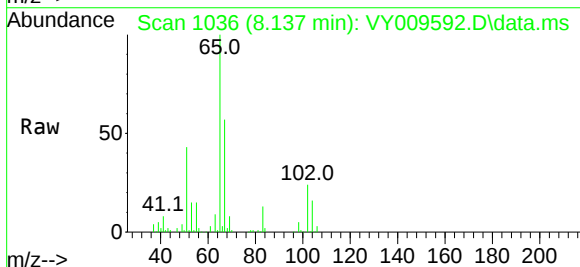
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)

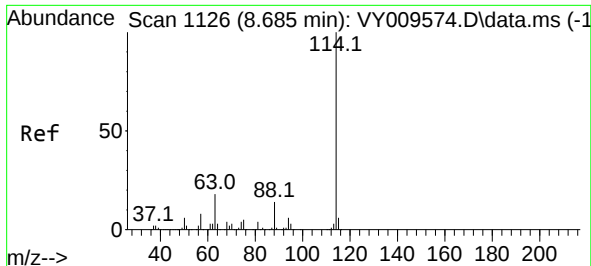
Tgt Ion: 56 Resp: 350140
Ion Ratio Lower Upper
56 100
69 8.2 26.7 40.1#
84 58.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 25.868 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

Tgt Ion: 65 Resp: 50646
Ion Ratio Lower Upper
65 100
67 70.0 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: VY009592.D

Acq: 19 Jul 2022 16:15

Instrument :

MSVOA_Y

ClientSampleId :

SED-2-(6-12)

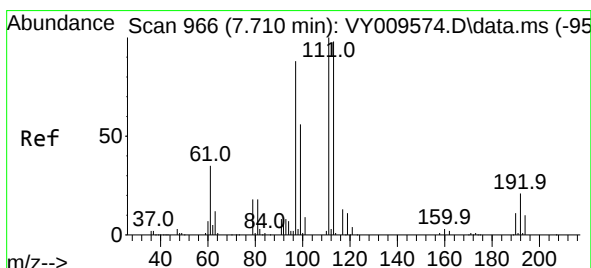
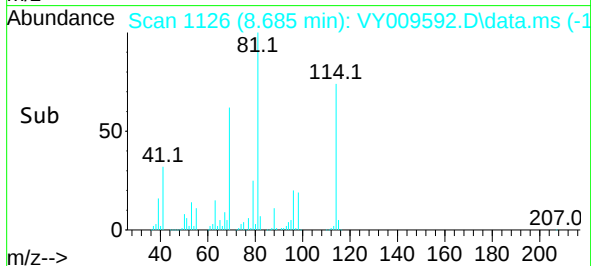
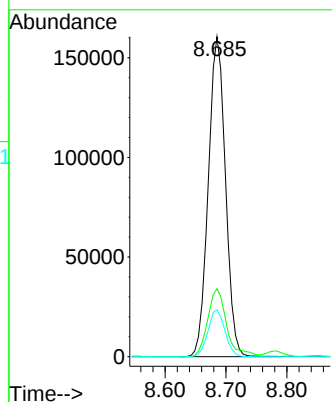
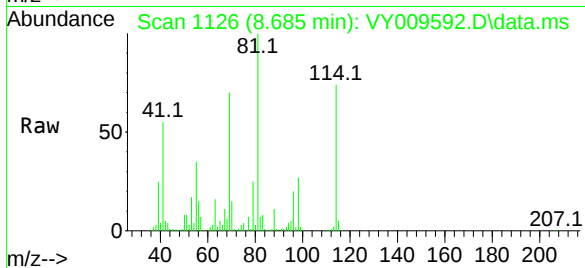
Tgt Ion:114 Resp: 314291

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 31.591 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009592.D

Acq: 19 Jul 2022 16:15

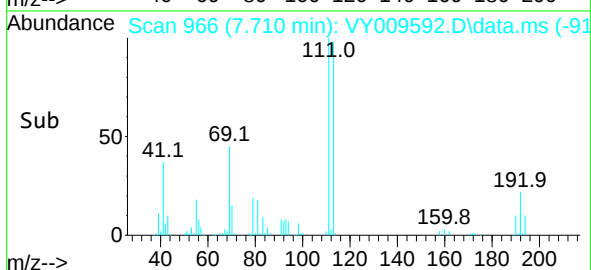
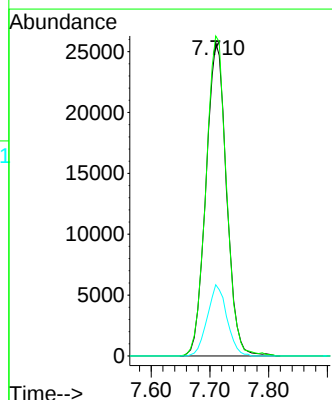
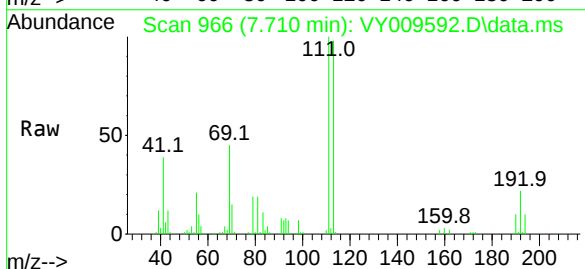
Tgt Ion:113 Resp: 62551

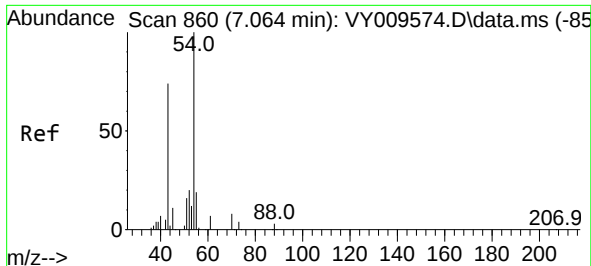
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 21.7 17.6 26.4





#37

Ethyl Acetate

Concen: 92.398 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.091 min

Lab File: VY009592.D

Acq: 19 Jul 2022 16:15

Instrument :

MSVOA_Y

ClientSampleId :

SED-2-(6-12)

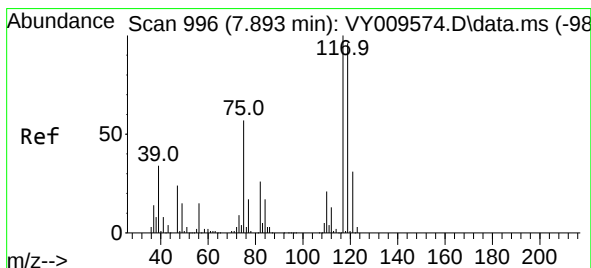
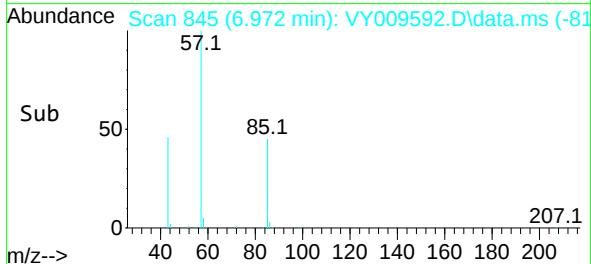
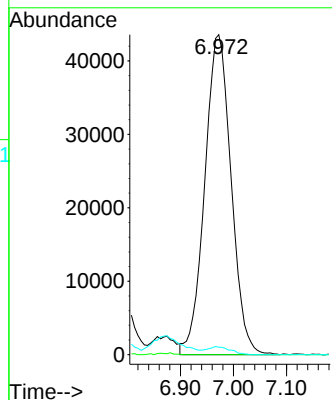
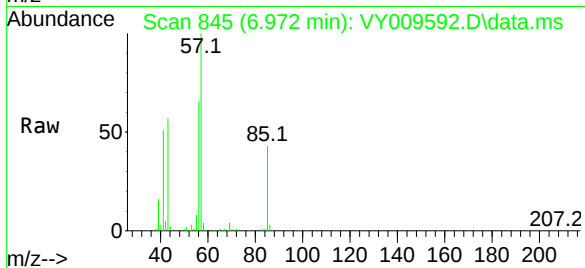
Tgt Ion: 43 Resp: 150466

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 2.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.159 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY009592.D

Acq: 19 Jul 2022 16:15

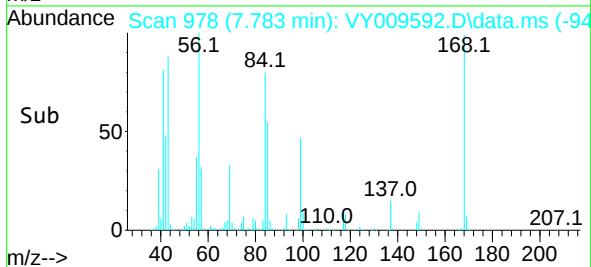
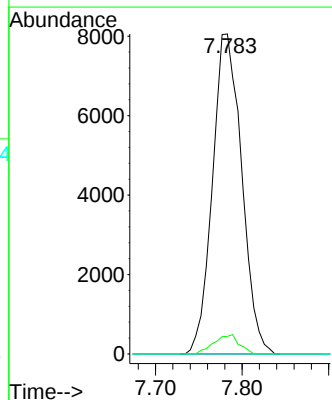
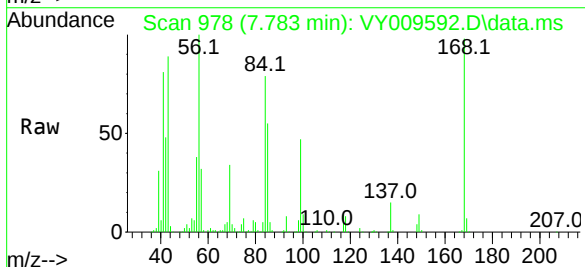
Tgt Ion: 117 Resp: 18865

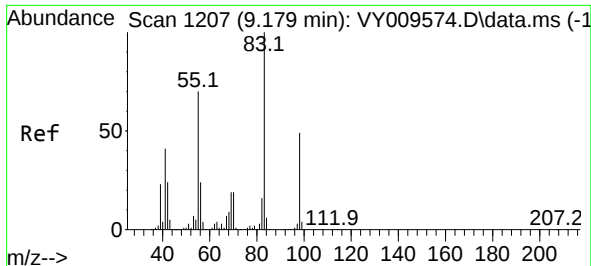
Ion Ratio Lower Upper

117 100

119 5.5 77.9 116.9#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 366.164 ug/l

RT: 9.149 min Scan# 1

Delta R.T. -0.030 min

Lab File: VY009592.D

Acq: 19 Jul 2022 16:15

Instrument :

MSVOA_Y

ClientSampleId :

SED-2-(6-12)

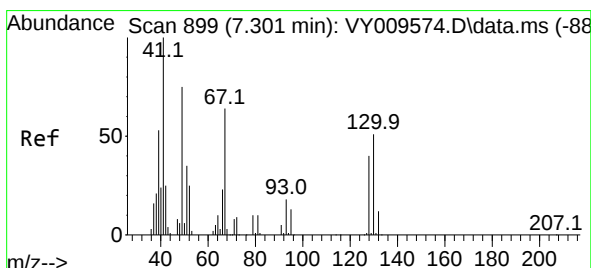
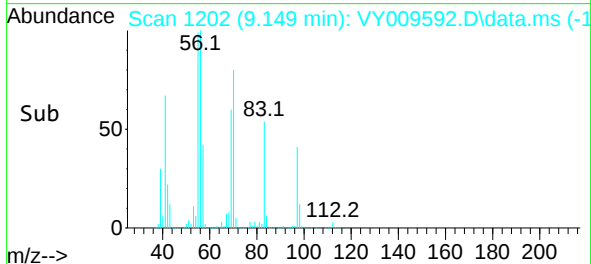
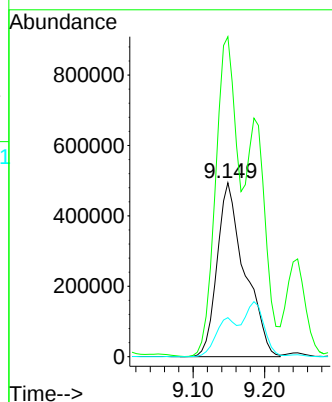
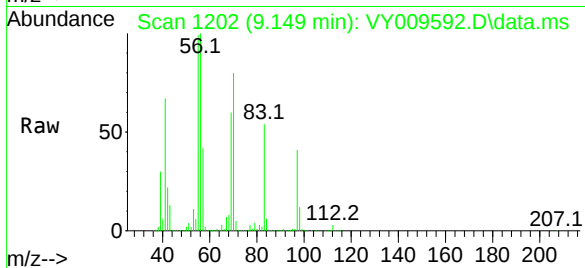
Tgt Ion: 83 Resp: 1321036

Ion Ratio Lower Upper

83 100

55 183.7 66.5 99.7#

98 22.4 37.9 56.9#



#41

Methacrylonitrile

Concen: 37.210 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.043 min

Lab File: VY009592.D

Acq: 19 Jul 2022 16:15

Tgt Ion: 41 Resp: 29077

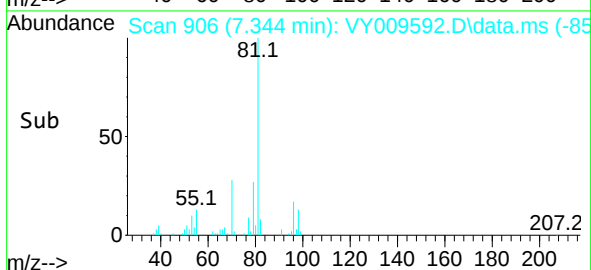
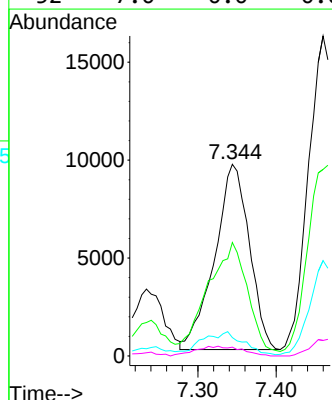
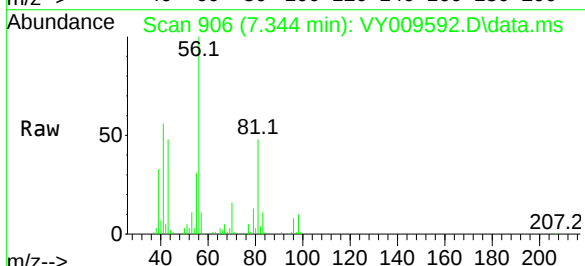
Ion Ratio Lower Upper

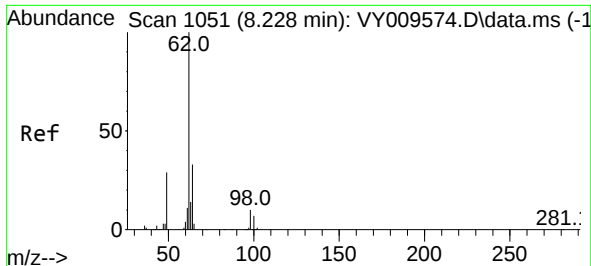
41 100

39 66.2 92.9 139.3#

67 14.1 0.0 0.0#

52 7.0 0.0 0.0#





#42

1,2-Dichloroethane

Concen: 13.196 ug/l

RT: 8.338 min Scan# 1069

Delta R.T. 0.110 min

Lab File: VY009592.D

Acq: 19 Jul 2022 16:15

Instrument :

MSVOA_Y

ClientSampleId :

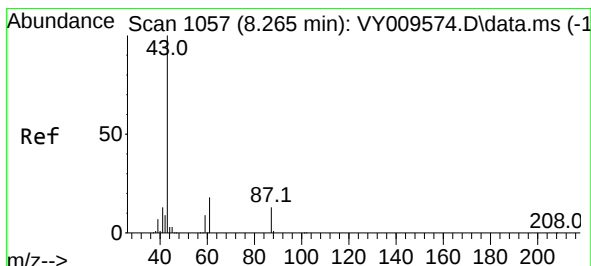
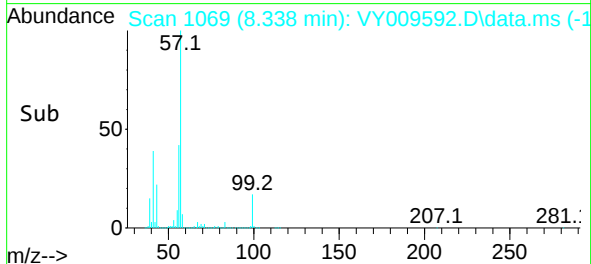
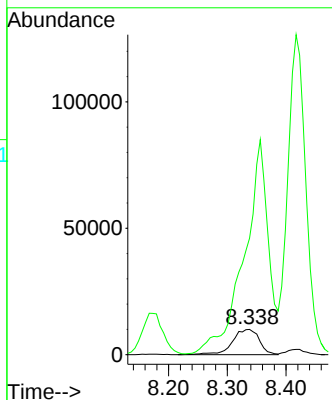
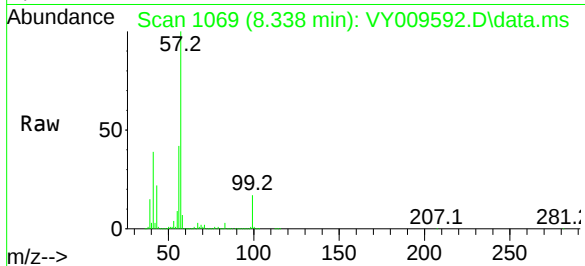
SED-2-(6-12)

Tgt Ion: 62 Resp: 31694

Ion Ratio Lower Upper

62 100

98 763.6 0.0 14.8#



#43

Isopropyl Acetate

Concen: 1855.307 ug/l

RT: 8.313 min Scan# 1065

Delta R.T. 0.049 min

Lab File: VY009592.D

Acq: 19 Jul 2022 16:15

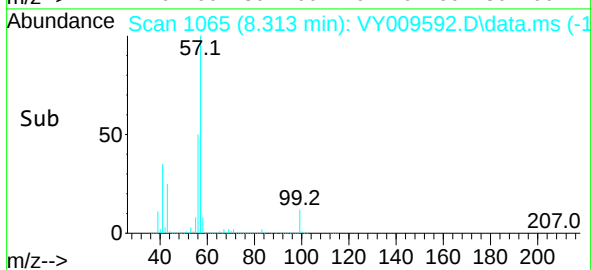
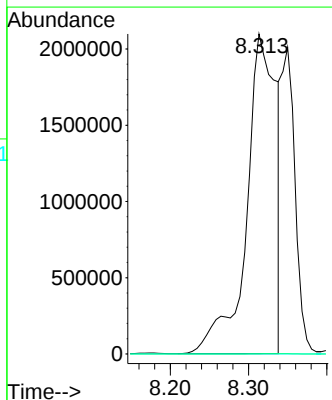
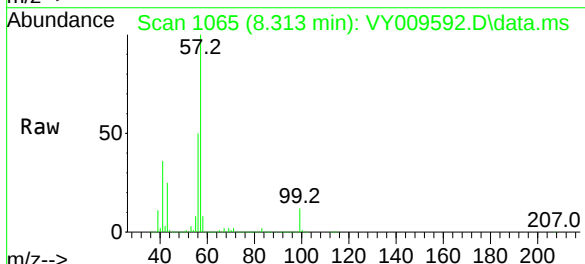
Tgt Ion: 43 Resp: 5536144

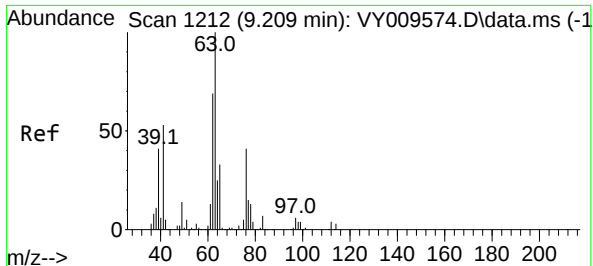
Ion Ratio Lower Upper

43 100

61 0.1 20.2 30.2#

87 0.0 8.9 13.3#





#45

1,2-Dichloropropane

Concen: 9.380 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.024 min

Lab File: VY009592.D

Acq: 19 Jul 2022 16:15

Instrument :

MSVOA_Y

ClientSampleId :

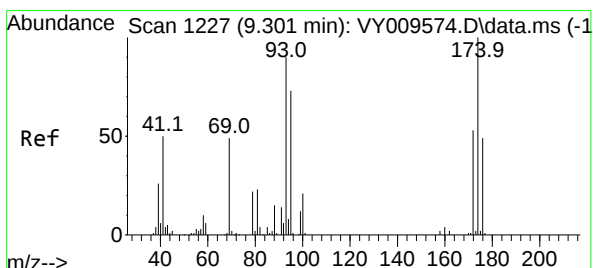
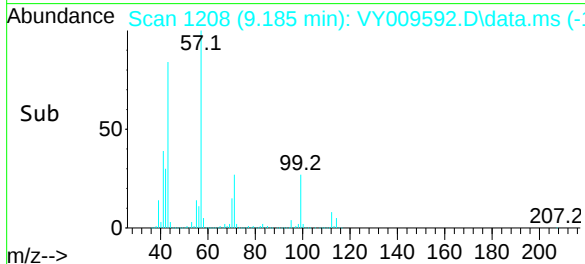
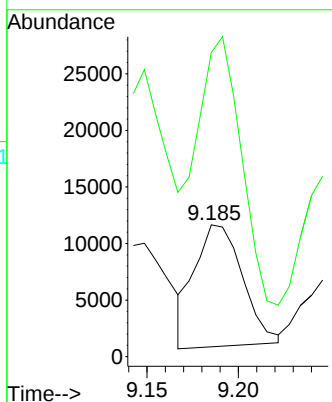
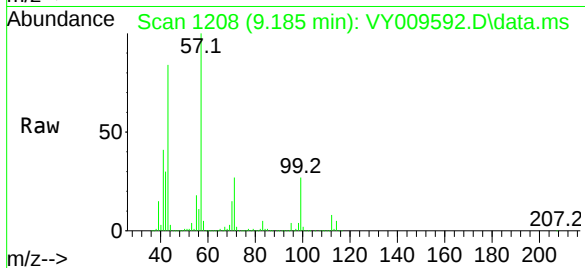
SED-2-(6-12)

Tgt Ion: 63 Resp: 19702

Ion Ratio Lower Upper

63 100

65 229.3 23.0 34.6#



#46

Dibromomethane

Concen: 1.643 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.018 min

Lab File: VY009592.D

Acq: 19 Jul 2022 16:15

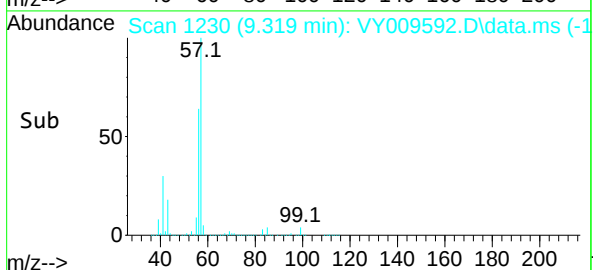
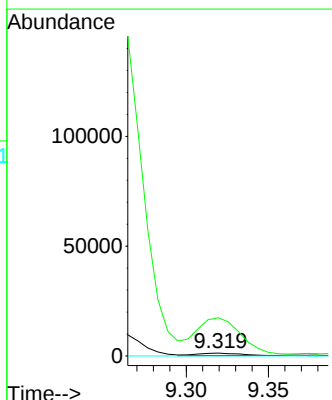
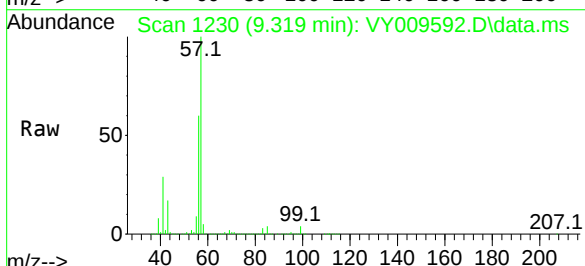
Tgt Ion: 93 Resp: 2004

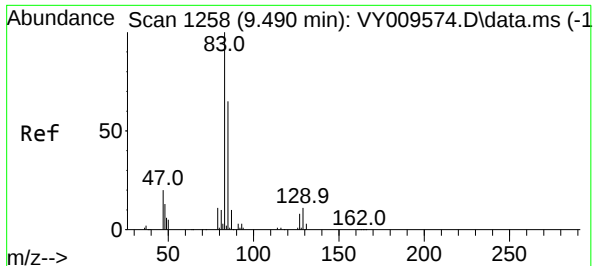
Ion Ratio Lower Upper

93 100

95 1542.0 64.3 96.5#

174 0.0 83.4 125.0#

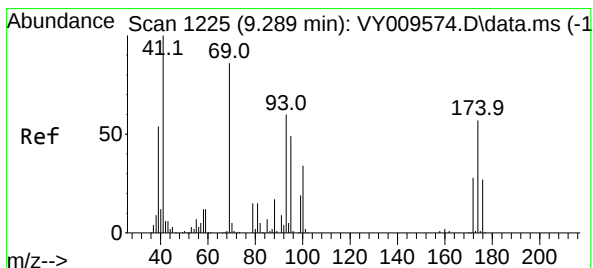
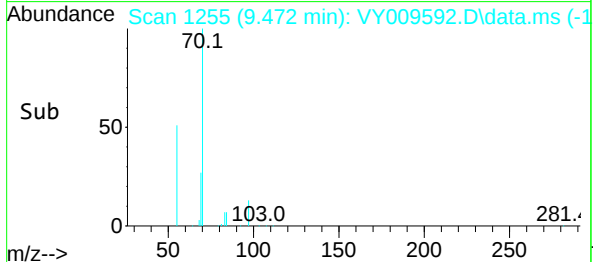
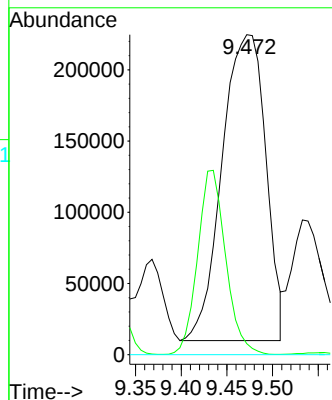
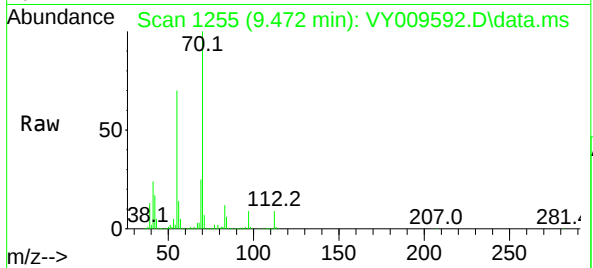




#47
Bromodichloromethane
Concen: 249.322 ug/l
RT: 9.472 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

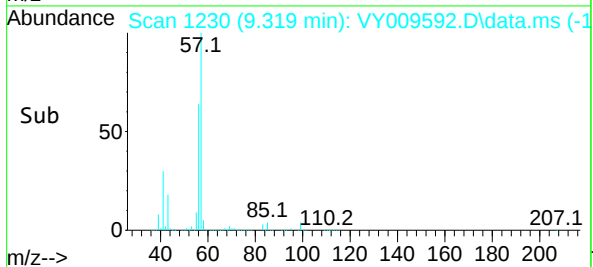
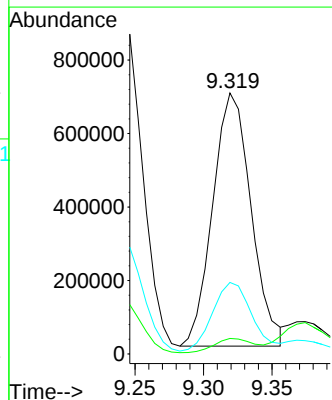
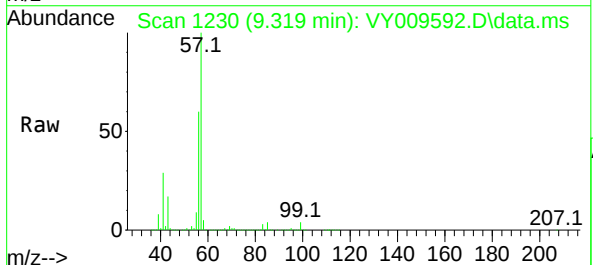
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)

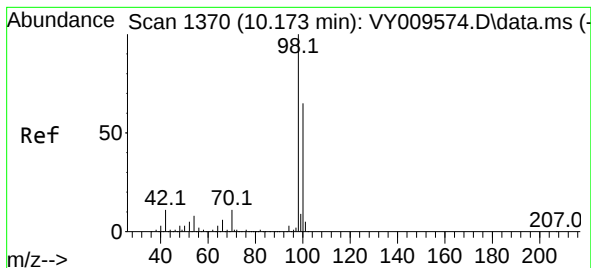
Tgt Ion: 83 Resp: 713217
Ion Ratio Lower Upper
83 100
85 3.5 51.9 77.9#
127 0.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 1018.775 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.031 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

Tgt Ion: 41 Resp: 1343107
Ion Ratio Lower Upper
41 100
69 5.9 58.2 87.2#
39 27.6 47.4 71.0#





#50

Toluene-d8

Concen: 60.580 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009592.D

Acq: 19 Jul 2022 16:15

Instrument :

MSVOA_Y

ClientSampleId :

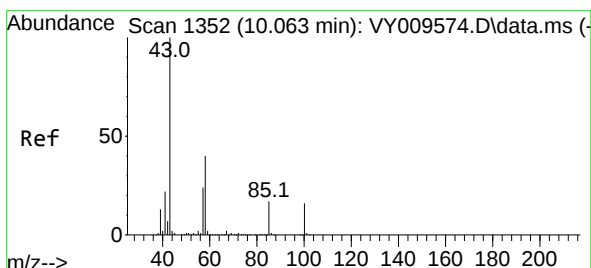
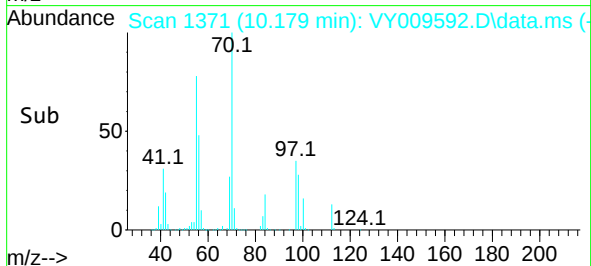
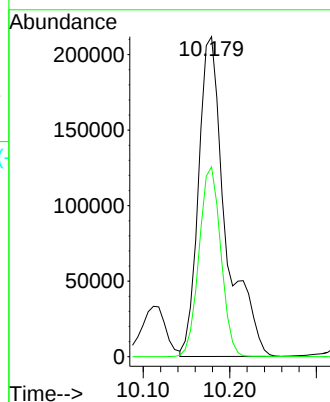
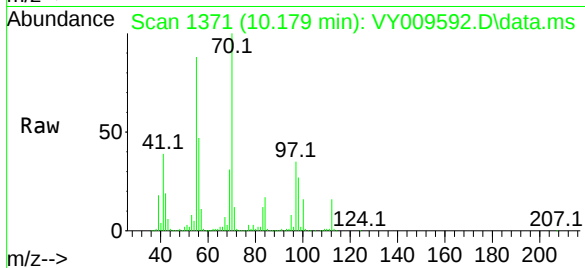
SED-2-(6-12)

Tgt Ion: 98 Resp: 461122

Ion Ratio Lower Upper

98 100

100 47.6 50.2 75.2#



#51

4-Methyl-2-Pentanone

Concen: 1479.131 ug/l

RT: 10.112 min Scan# 1360

Delta R.T. 0.049 min

Lab File: VY009592.D

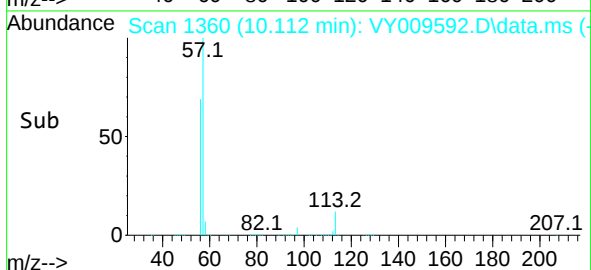
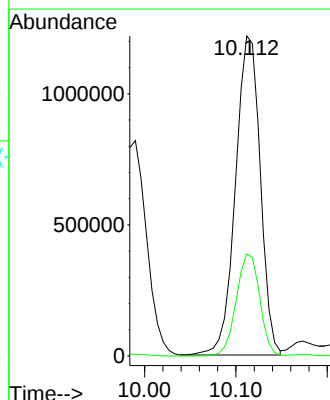
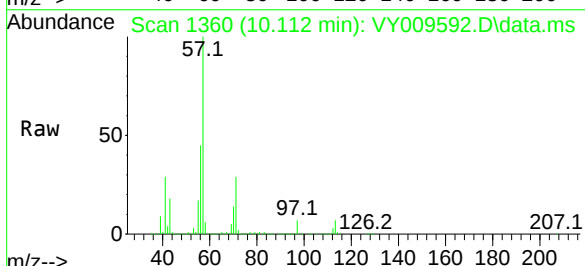
Acq: 19 Jul 2022 16:15

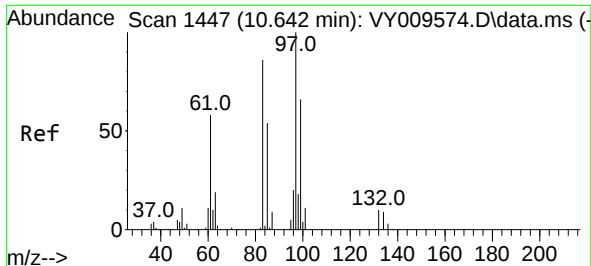
Tgt Ion: 43 Resp: 2291673

Ion Ratio Lower Upper

43 100

58 30.3 28.1 42.1

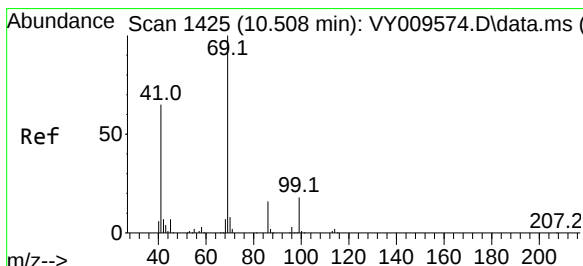
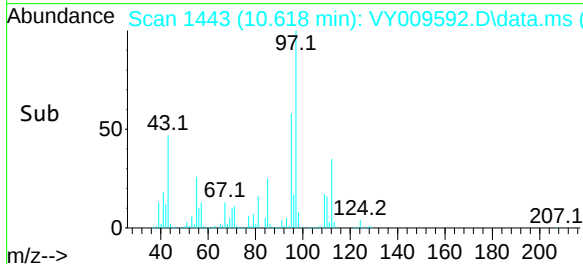
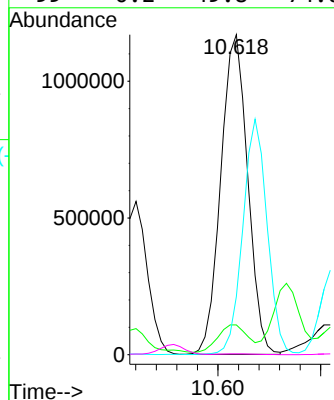
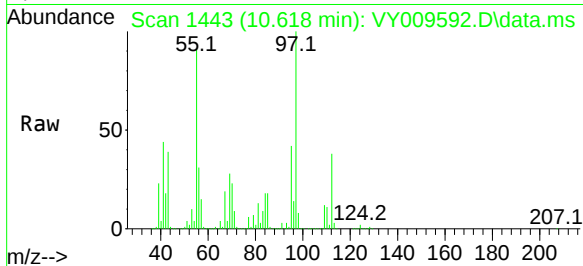




#55
1,1,2-Trichloroethane
Concen: 1237.660 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

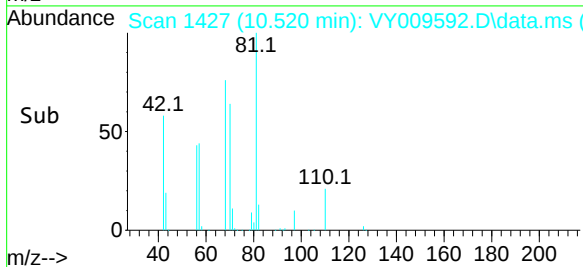
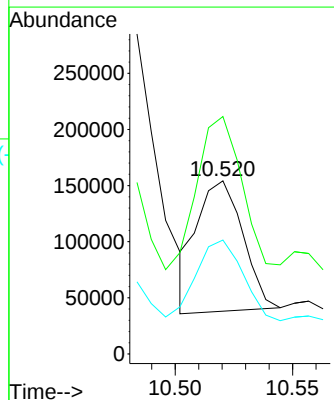
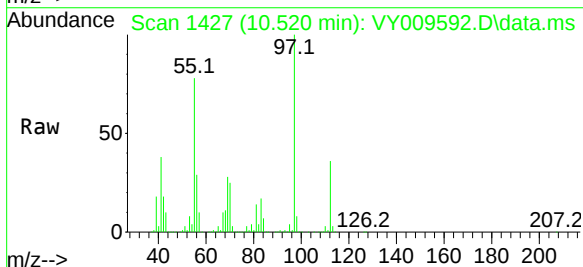
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)

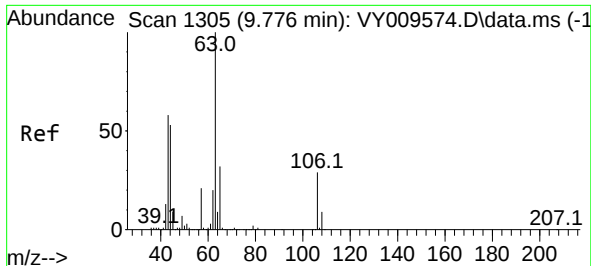
Tgt Ion: 97 Resp: 2126449
Ion Ratio Lower Upper
97 100
83 8.1 69.8 104.8#
85 18.1 44.3 66.5#
99 0.2 49.8 74.6#



#56
Ethyl methacrylate
Concen: 71.996 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

Tgt Ion: 69 Resp: 158256
Ion Ratio Lower Upper
69 100
41 218.2 63.4 95.0#
39 100.4 35.8 53.8#

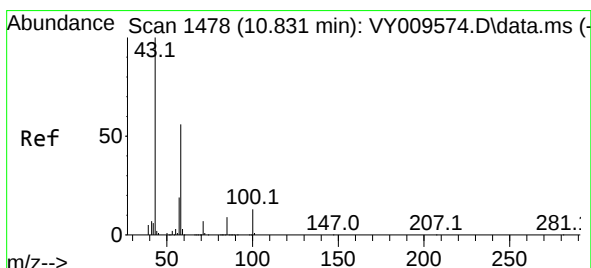
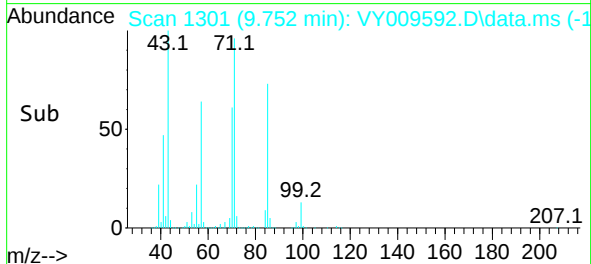
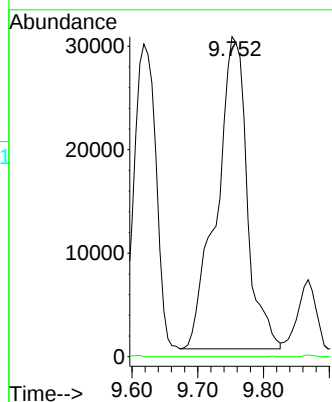
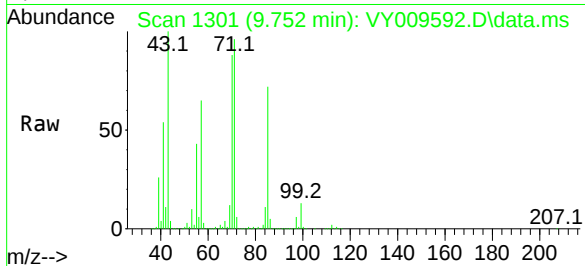




#58
2-Chloroethyl Vinyl ether
Concen: 100.976 ug/l
RT: 9.752 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

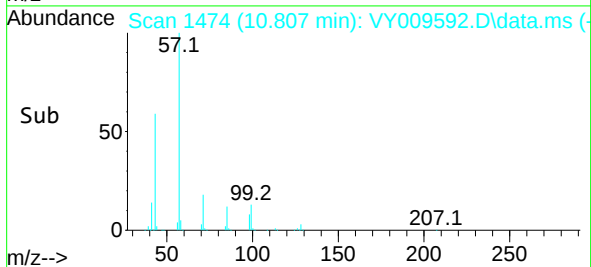
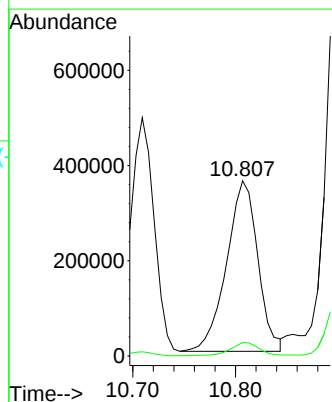
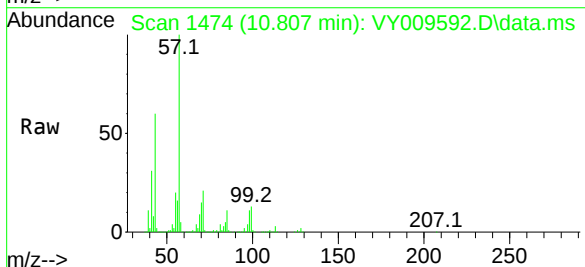
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)

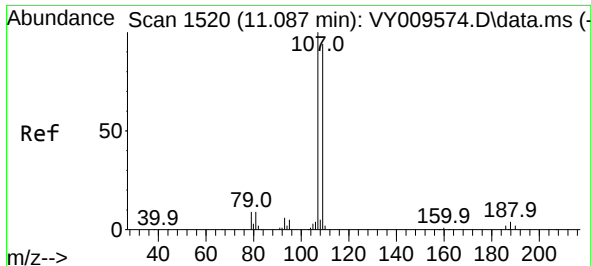
Tgt Ion: 63 Resp: 97283
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#59
2-Hexanone
Concen: 702.855 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.024 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

Tgt Ion: 43 Resp: 757392
Ion Ratio Lower Upper
43 100
58 7.2 24.4 73.4#

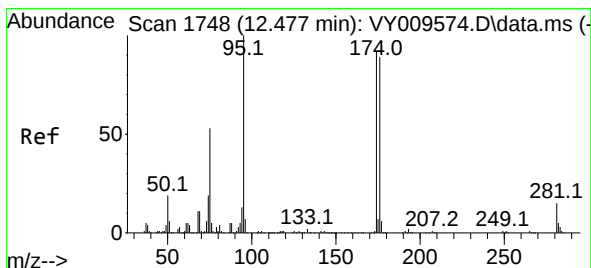
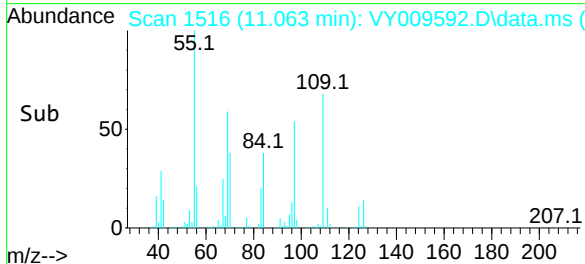
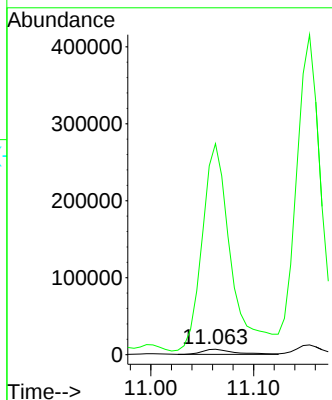
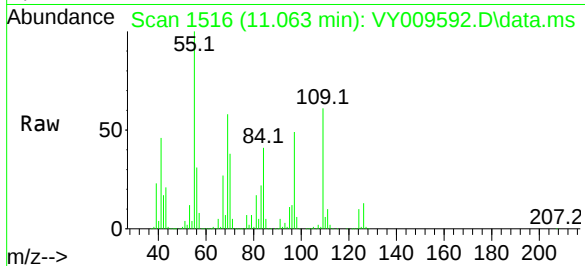




#61
1,2-Dibromoethane
Concen: 8.848 ug/l
RT: 11.063 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

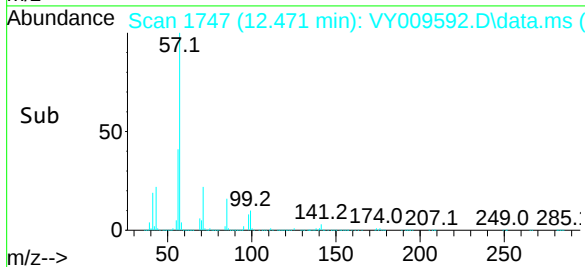
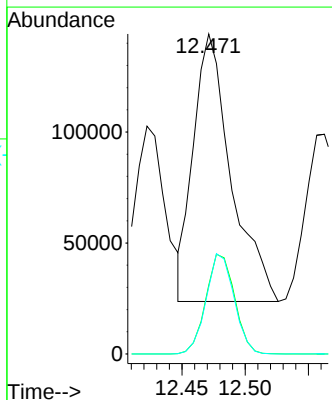
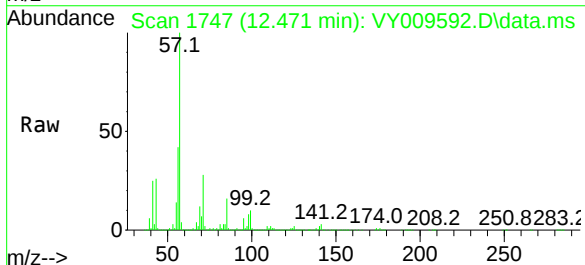
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)

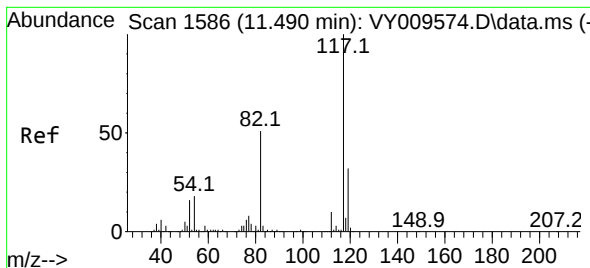
Tgt Ion:107 Resp: 14832
Ion Ratio Lower Upper
107 100
109 3511.8 75.4 113.2#



#62
4-Bromofluorobenzene
Concen: 101.520 ug/l
RT: 12.471 min Scan# 1747
Delta R.T. -0.006 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

Tgt Ion: 95 Resp: 250394
Ion Ratio Lower Upper
95 100
174 28.4 0.0 177.0
176 27.7 0.0 175.8

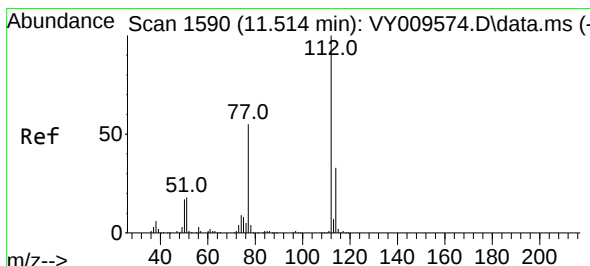
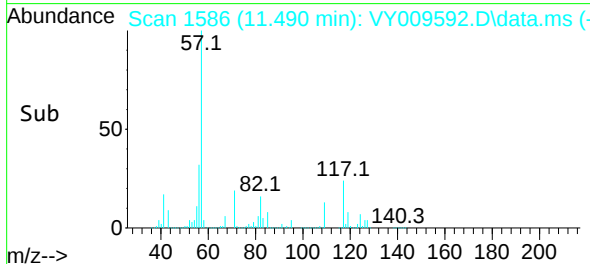
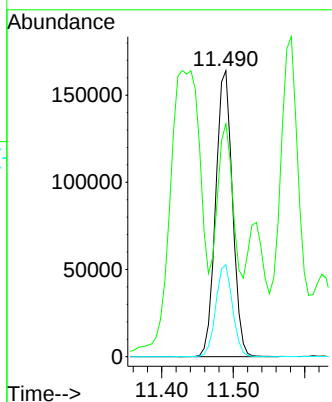
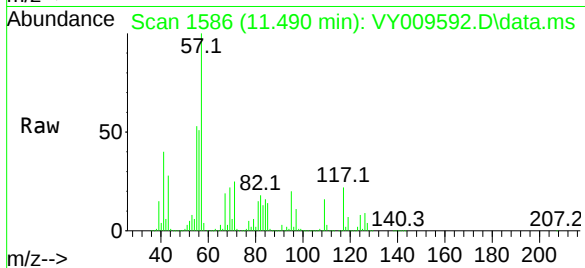




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

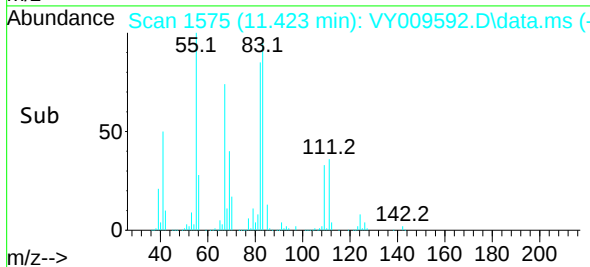
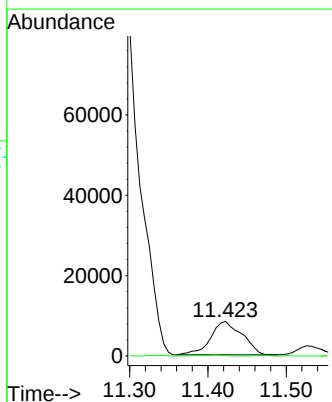
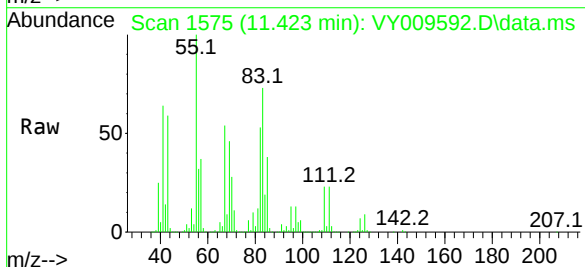
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)

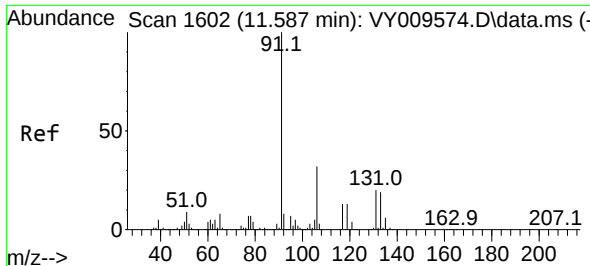
Tgt Ion:117 Resp: 266959
Ion Ratio Lower Upper
117 100
82 33.9 43.0 64.4#
119 32.2 25.4 38.0



#65
Chlorobenzene
Concen: 4.270 ug/l
RT: 11.423 min Scan# 1575
Delta R.T. -0.091 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

Tgt Ion:112 Resp: 23291
Ion Ratio Lower Upper
112 100
114 1.0 25.8 38.6#

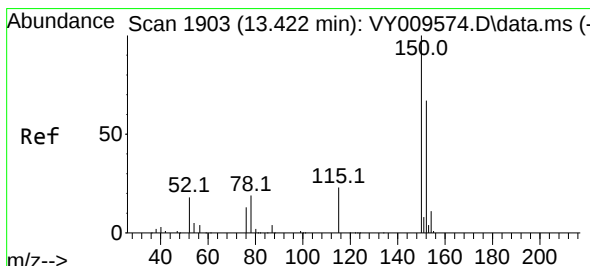
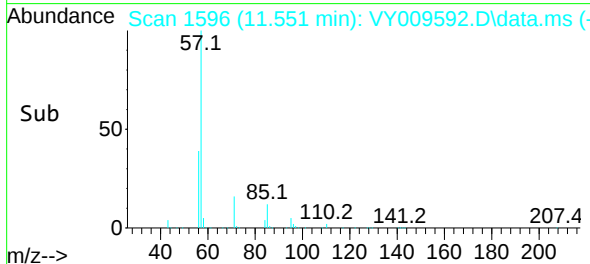
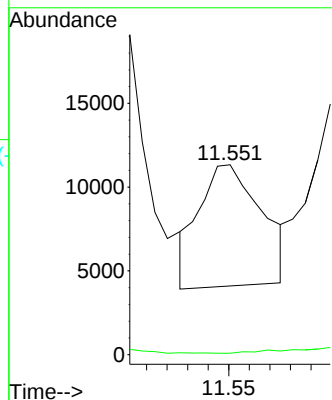
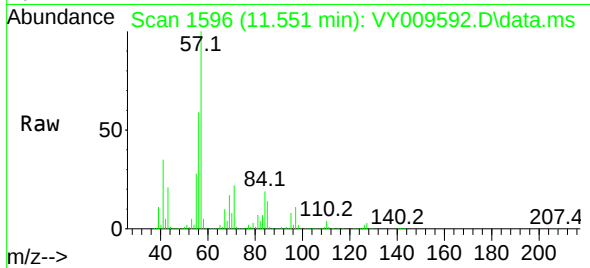




#67
Ethyl Benzene
Concen: 1.601 ug/l
RT: 11.551 min Scan# 1156
Delta R.T. -0.037 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

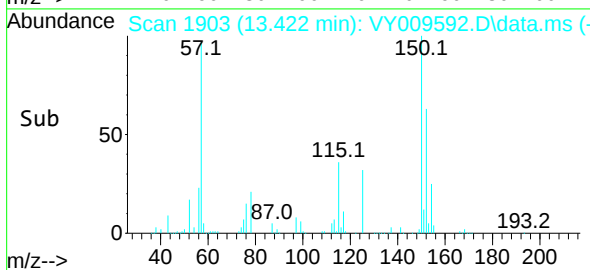
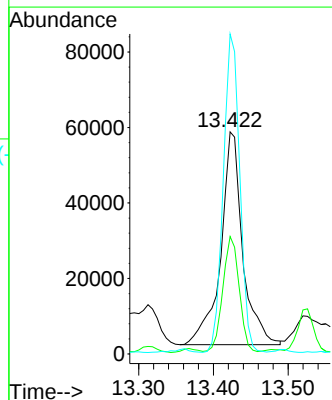
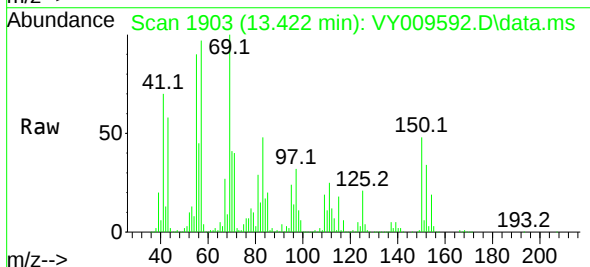
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)

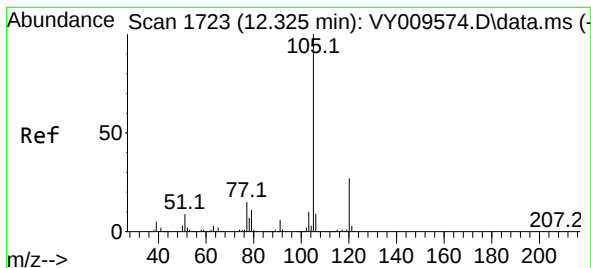
Tgt Ion: 91 Resp: 15364
Ion Ratio Lower Upper
91 100
106 0.0 24.5 36.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

Tgt Ion:152 Resp: 115560
Ion Ratio Lower Upper
152 100
115 40.1 28.2 84.7
150 112.1 0.0 347.6





#73

Isopropylbenzene

Concen: 13.550 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009592.D

Acq: 19 Jul 2022 16:15

Instrument :

MSVOA_Y

ClientSampleId :

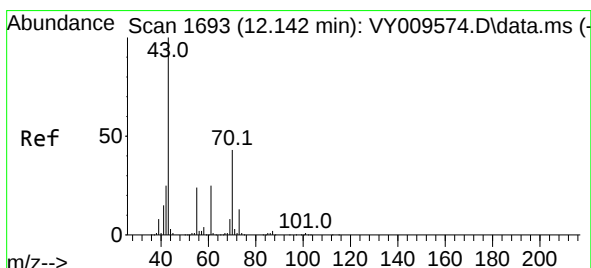
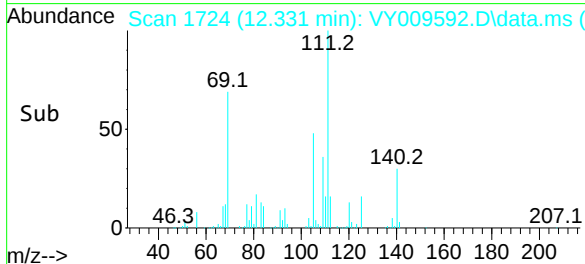
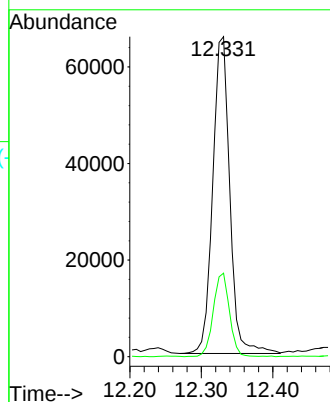
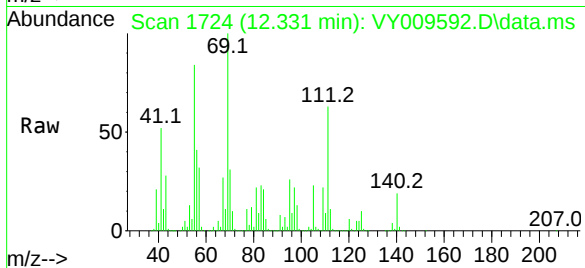
SED-2-(6-12)

Tgt Ion:105 Resp: 108415

Ion Ratio Lower Upper

105 100

120 25.0 13.4 40.2



#74

N-ethyl acetate

Concen: 327.920 ug/l

RT: 12.197 min Scan# 1702

Delta R.T. 0.055 min

Lab File: VY009592.D

Acq: 19 Jul 2022 16:15

Tgt Ion: 43 Resp: 697779

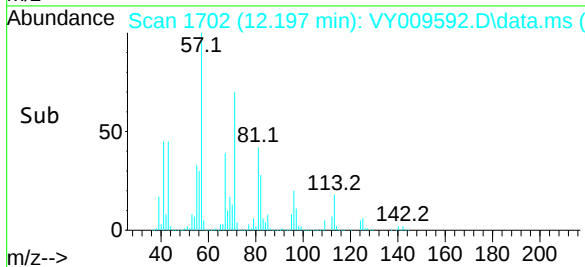
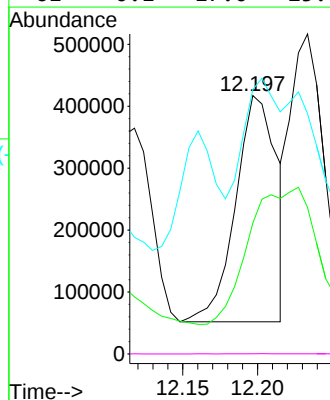
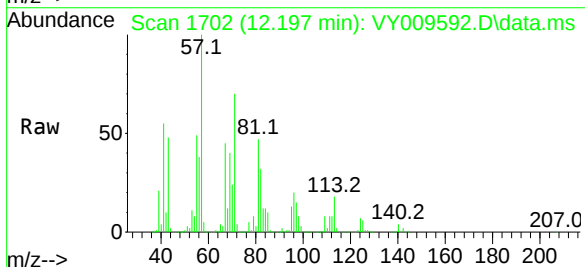
Ion Ratio Lower Upper

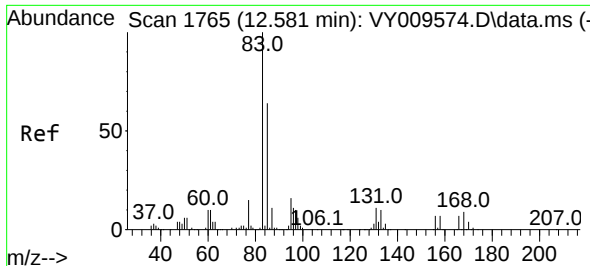
43 100

70 0.0 28.7 43.1#

55 42.8 17.3 25.9#

61 0.1 17.0 25.6#

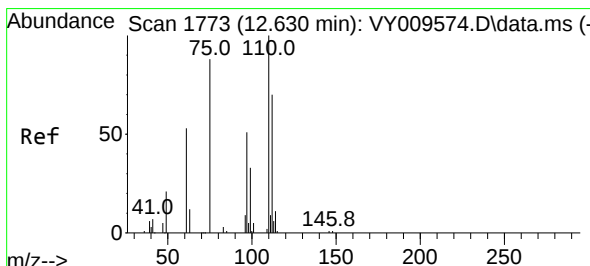
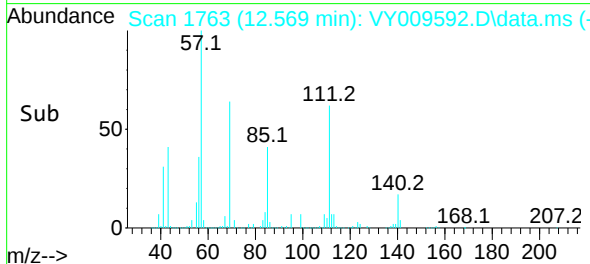
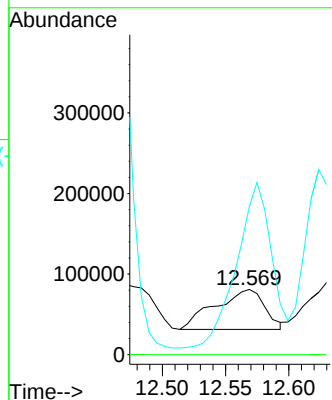
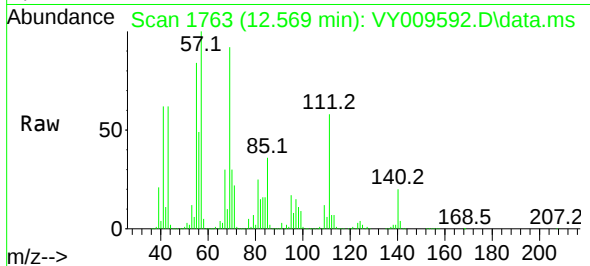




#75
 1,1,2,2-Tetrachloroethane
 Concen: 84.787 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VY009592.D
 Acq: 19 Jul 2022 16:15

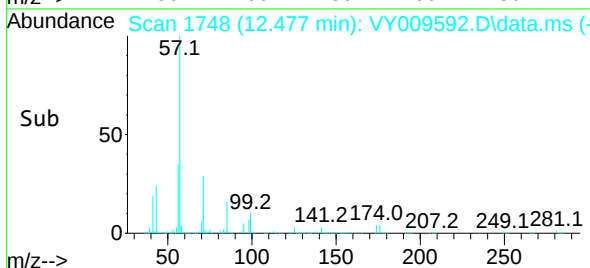
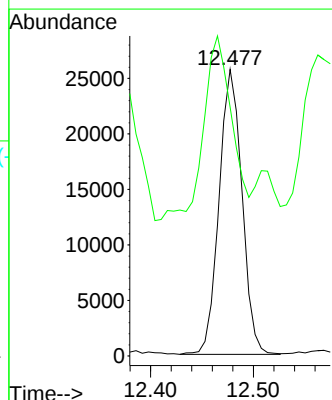
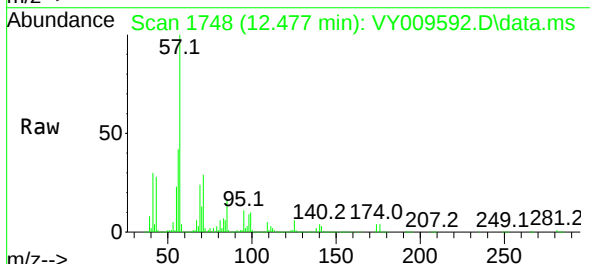
Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-2-(6-12)

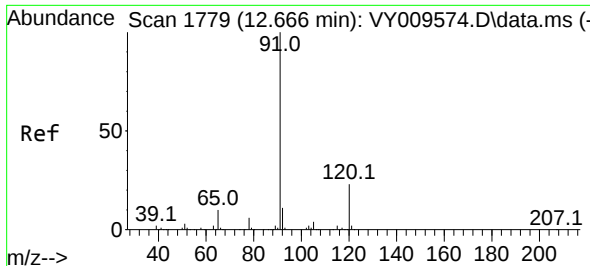
Tgt Ion: 83 Resp: 135858
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.6 16.8#
 85 294.5 32.3 96.8#



#76
 1,2,3-Trichloropropane
 Concen: 36.095 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009592.D
 Acq: 19 Jul 2022 16:15

Tgt Ion: 75 Resp: 39735
 Ion Ratio Lower Upper
 75 100
 77 79.0 0.0 0.0#

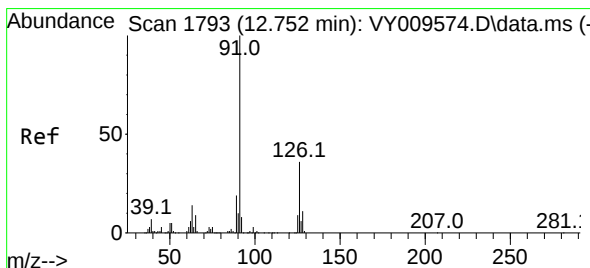
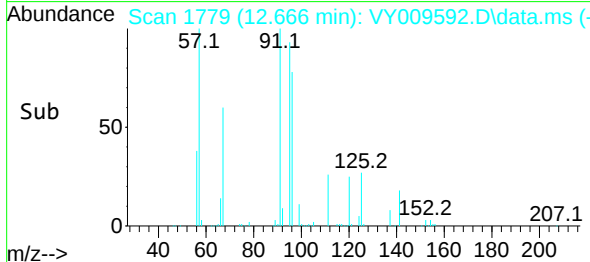
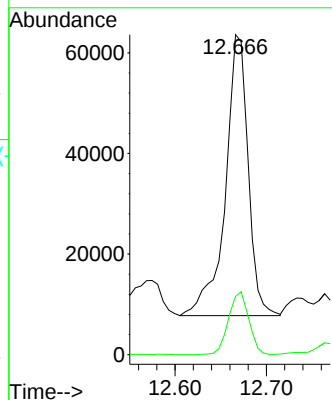
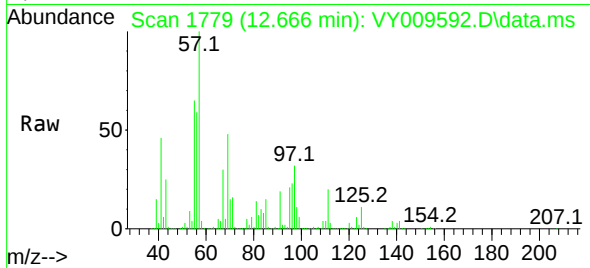




#78
n-propylbenzene
Concen: 10.030 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

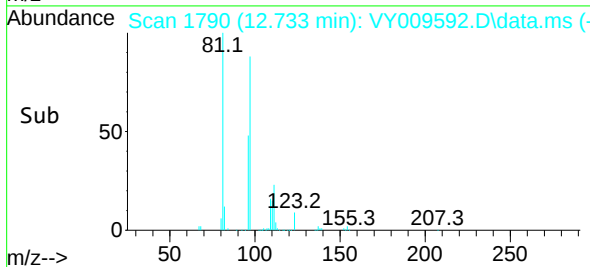
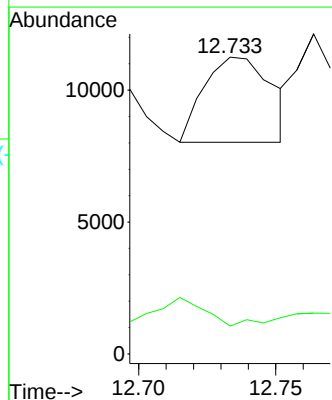
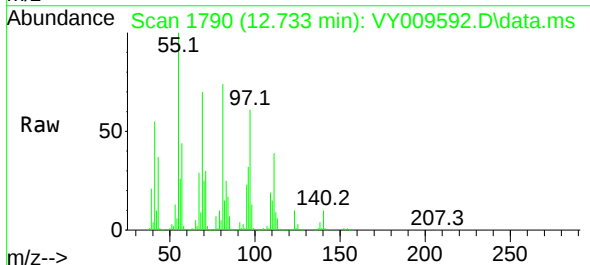
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)

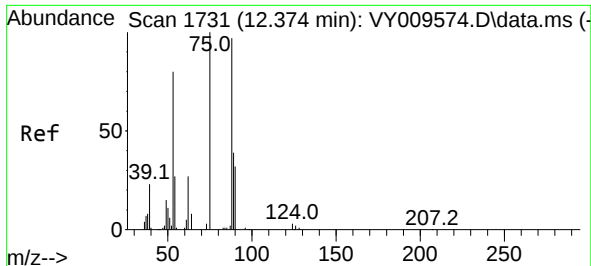
Tgt Ion: 91 Resp: 96969
Ion Ratio Lower Upper
91 100
120 20.0 11.3 33.9



#79
2-Chlorotoluene
Concen: 1.032 ug/l
RT: 12.733 min Scan# 1790
Delta R.T. -0.018 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

Tgt Ion: 91 Resp: 5534
Ion Ratio Lower Upper
91 100
126 35.0 16.9 50.6

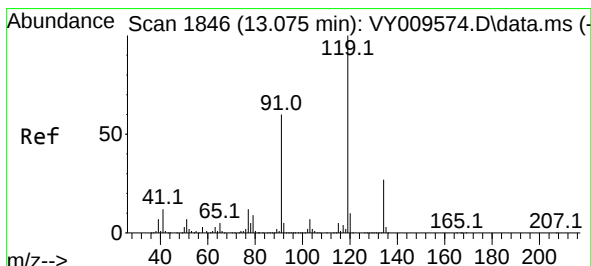
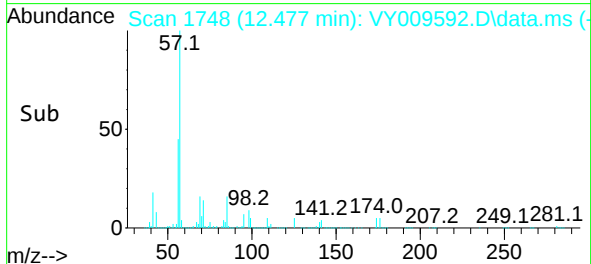
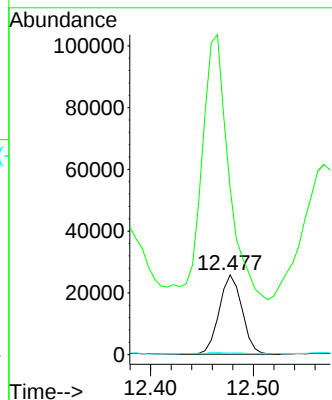
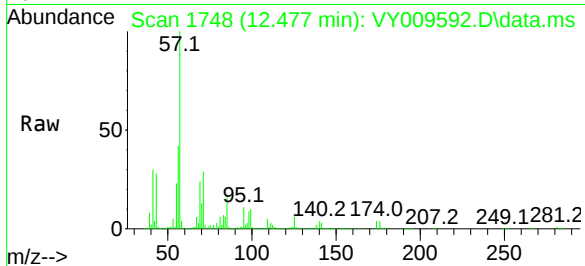




#81
trans-1,4-Dichloro-2-butene
Concen: 71.172 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

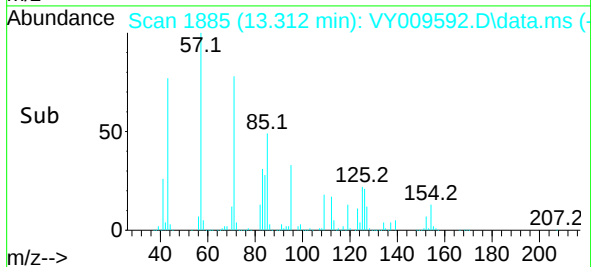
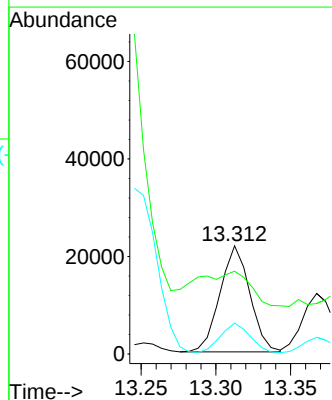
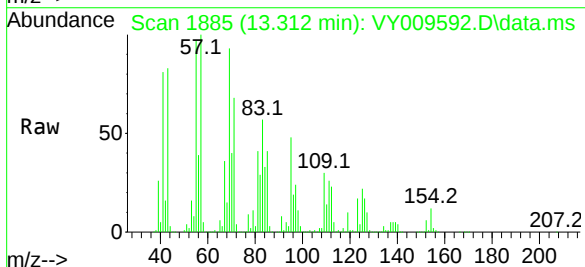
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)

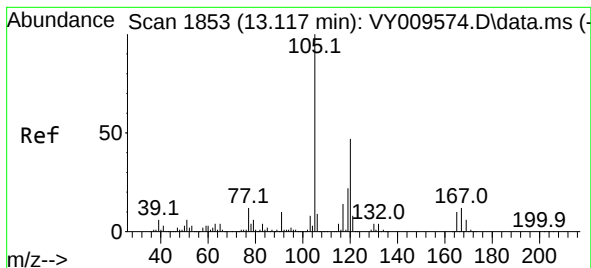
Tgt Ion: 75 Resp: 39735
Ion Ratio Lower Upper
75 100
53 386.6 85.3 127.9#
89 2.0 37.0 55.4#



#83
tert-Butylbenzene
Concen: 5.147 ug/l
RT: 13.312 min Scan# 1885
Delta R.T. 0.238 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

Tgt Ion: 119 Resp: 30234
Ion Ratio Lower Upper
119 100
91 61.0 34.8 104.4
134 27.7 13.3 39.9





#84

1,2,4-Trimethylbenzene

Concen: 1.356 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009592.D

Acq: 19 Jul 2022 16:15

Instrument :

MSVOA_Y

ClientSampleId :

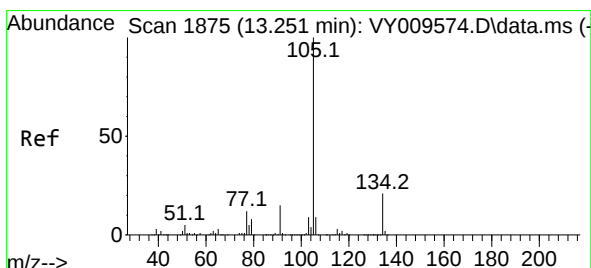
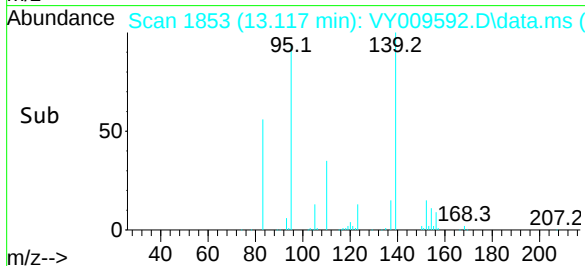
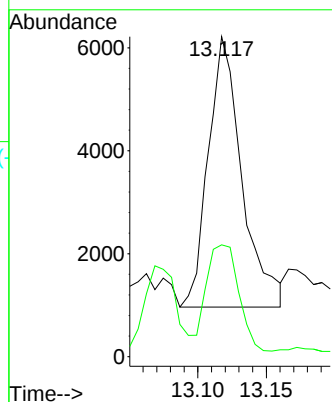
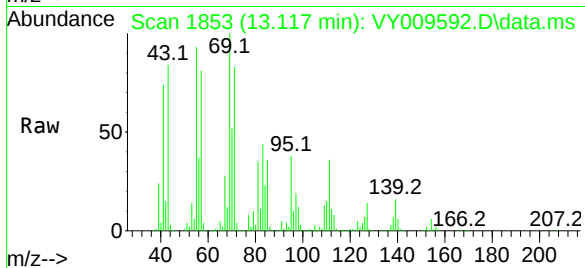
SED-2-(6-12)

Tgt Ion:105 Resp: 8969

Ion Ratio Lower Upper

105 100

120 38.3 22.3 66.9



#85

sec-Butylbenzene

Concen: 22.879 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009592.D

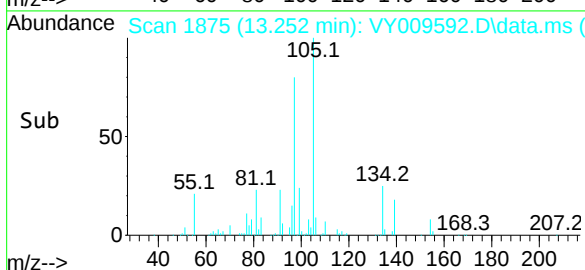
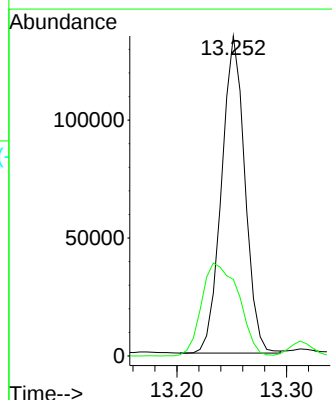
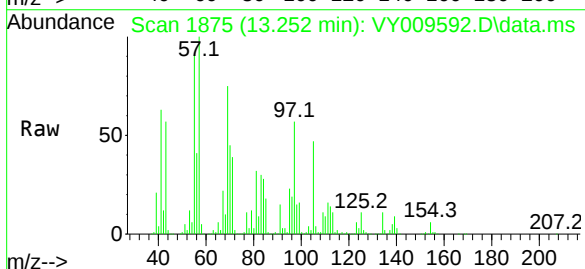
Acq: 19 Jul 2022 16:15

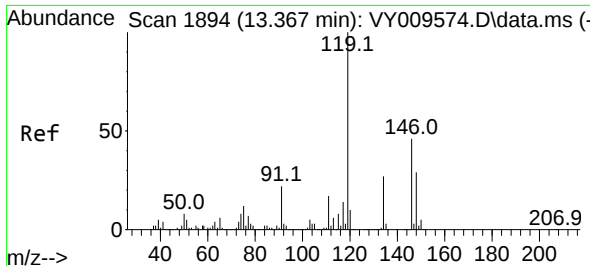
Tgt Ion:105 Resp: 199240

Ion Ratio Lower Upper

105 100

134 46.5 10.2 30.4#

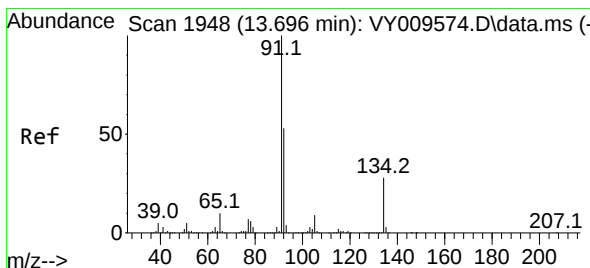
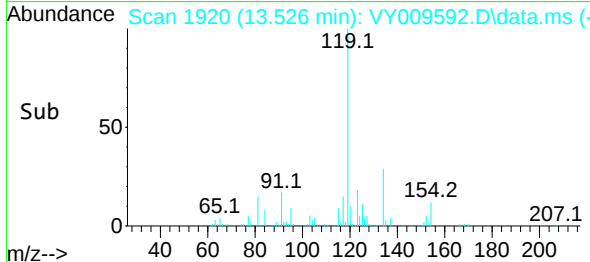
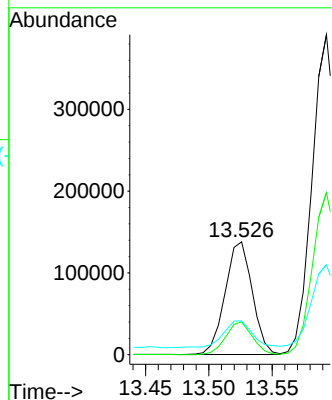
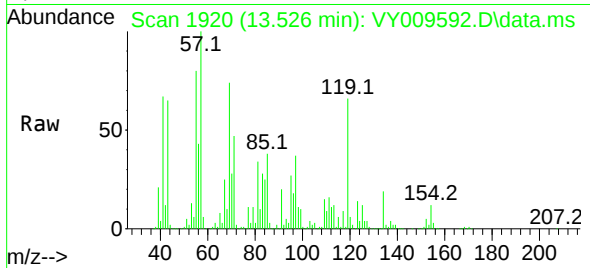




#86
p-Isopropyltoluene
Concen: 28.096 ug/l
RT: 13.526 min Scan# 119
Delta R.T. 0.159 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

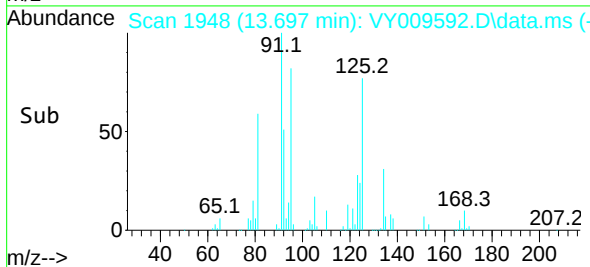
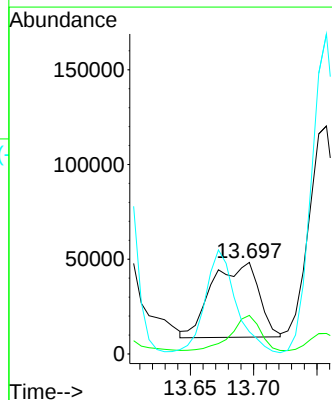
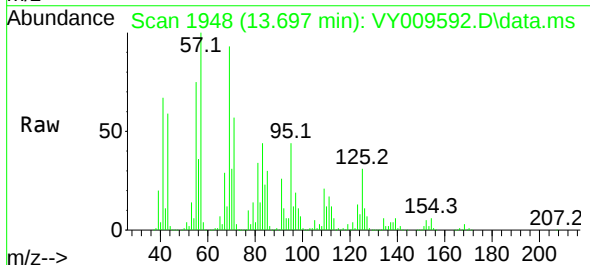
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)

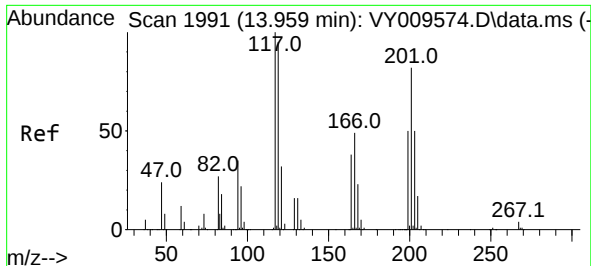
Tgt Ion:119 Resp: 205624
Ion Ratio Lower Upper
119 100
134 28.6 13.2 39.5
91 24.9 12.4 37.2



#89
n-Butylbenzene
Concen: 15.245 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

Tgt Ion: 91 Resp: 101898
Ion Ratio Lower Upper
91 100
92 31.9 26.3 78.9
134 0.0 13.0 38.9#

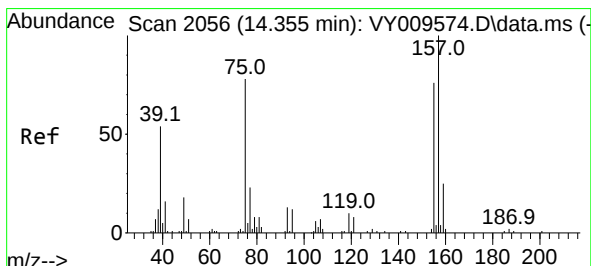
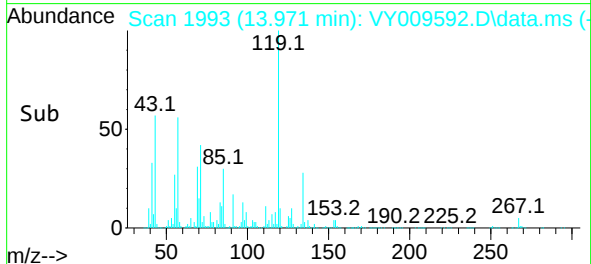
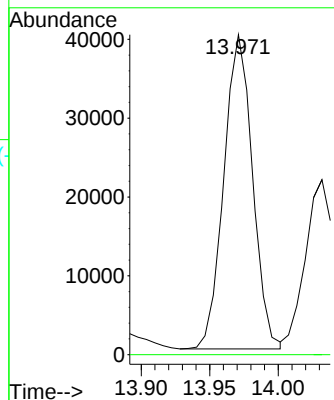
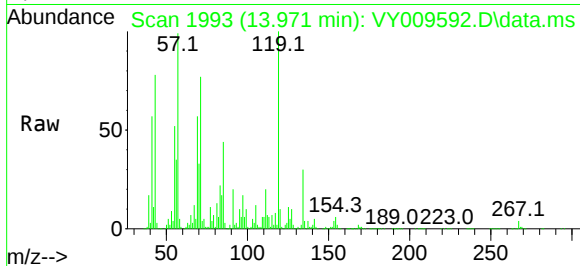




#90
Hexachloroethane
Concen: 41.238 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

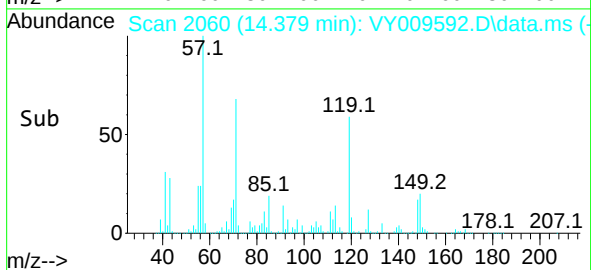
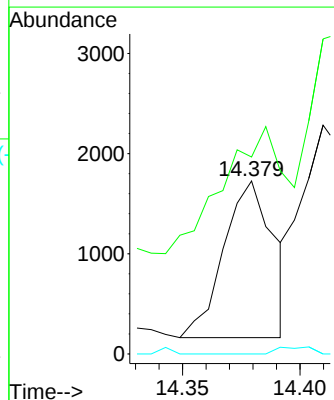
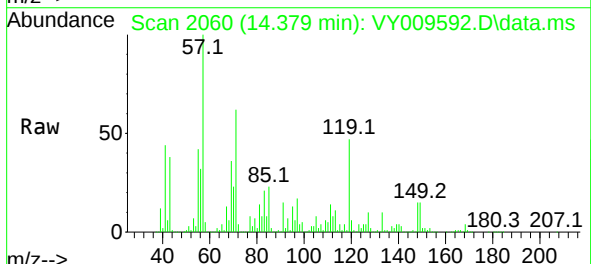
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)

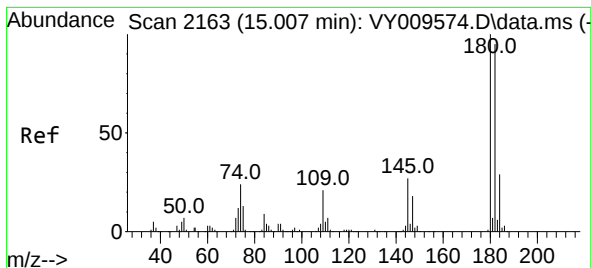
Tgt Ion:117 Resp: 58144
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.447 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.024 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

Tgt Ion: 75 Resp: 2303
Ion Ratio Lower Upper
75 100
155 101.1 38.0 113.9
157 0.0 47.8 143.3#





#93

1,2,4-Trichlorobenzene

Concen: 1.999 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY009592.D

Acq: 19 Jul 2022 16:15

Instrument :

MSVOA_Y

ClientSampleId :

SED-2-(6-12)

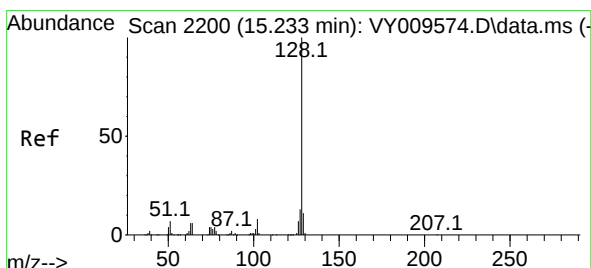
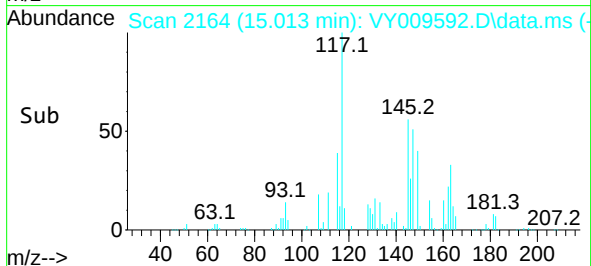
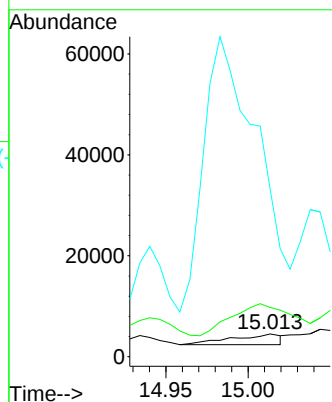
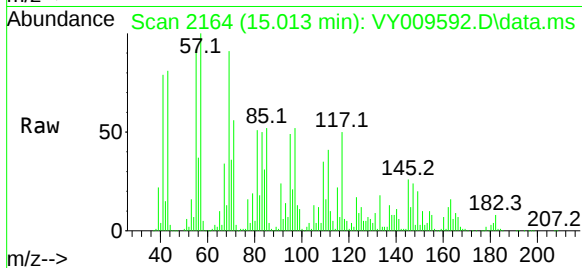
Tgt Ion:180 Resp: 4362

Ion Ratio Lower Upper

180 100

182 373.9 47.3 141.9#

145 0.0 14.6 43.8#



#95

Naphthalene

Concen: 8.004 ug/l

RT: 15.202 min Scan# 2195

Delta R.T. -0.030 min

Lab File: VY009592.D

Acq: 19 Jul 2022 16:15

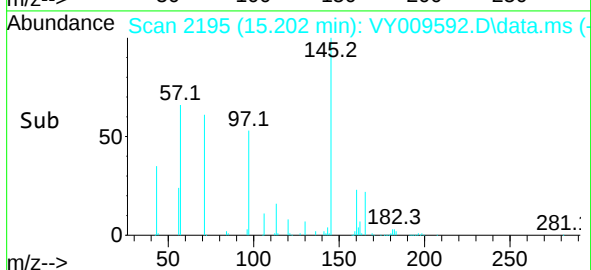
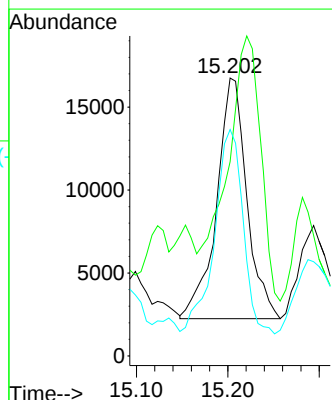
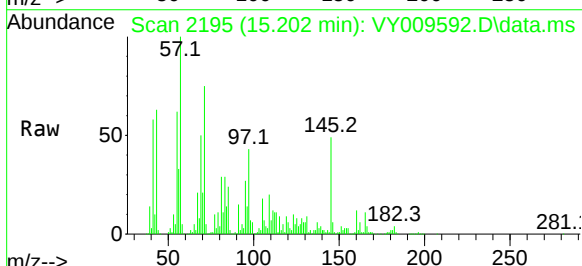
Tgt Ion:128 Resp: 33350

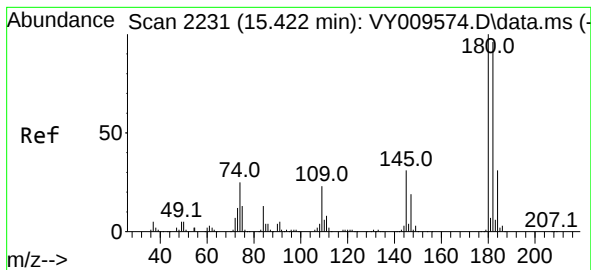
Ion Ratio Lower Upper

128 100

127 124.7 11.0 16.4#

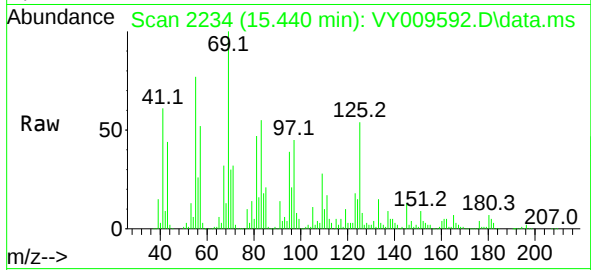
129 80.2 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 5.208 ug/l
 RT: 15.440 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VY009592.D
 Acq: 19 Jul 2022 16:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-2-(6-12)



Tgt Ion:180 Resp: 9983
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 141.9#
 145 0.0 15.3 45.9#

