

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010394.D
 Acq On : 08 Sep 2022 14:38
 Operator : KP/MD
 Sample : N4506-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-090222

Quant Time: Sep 08 16:24:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

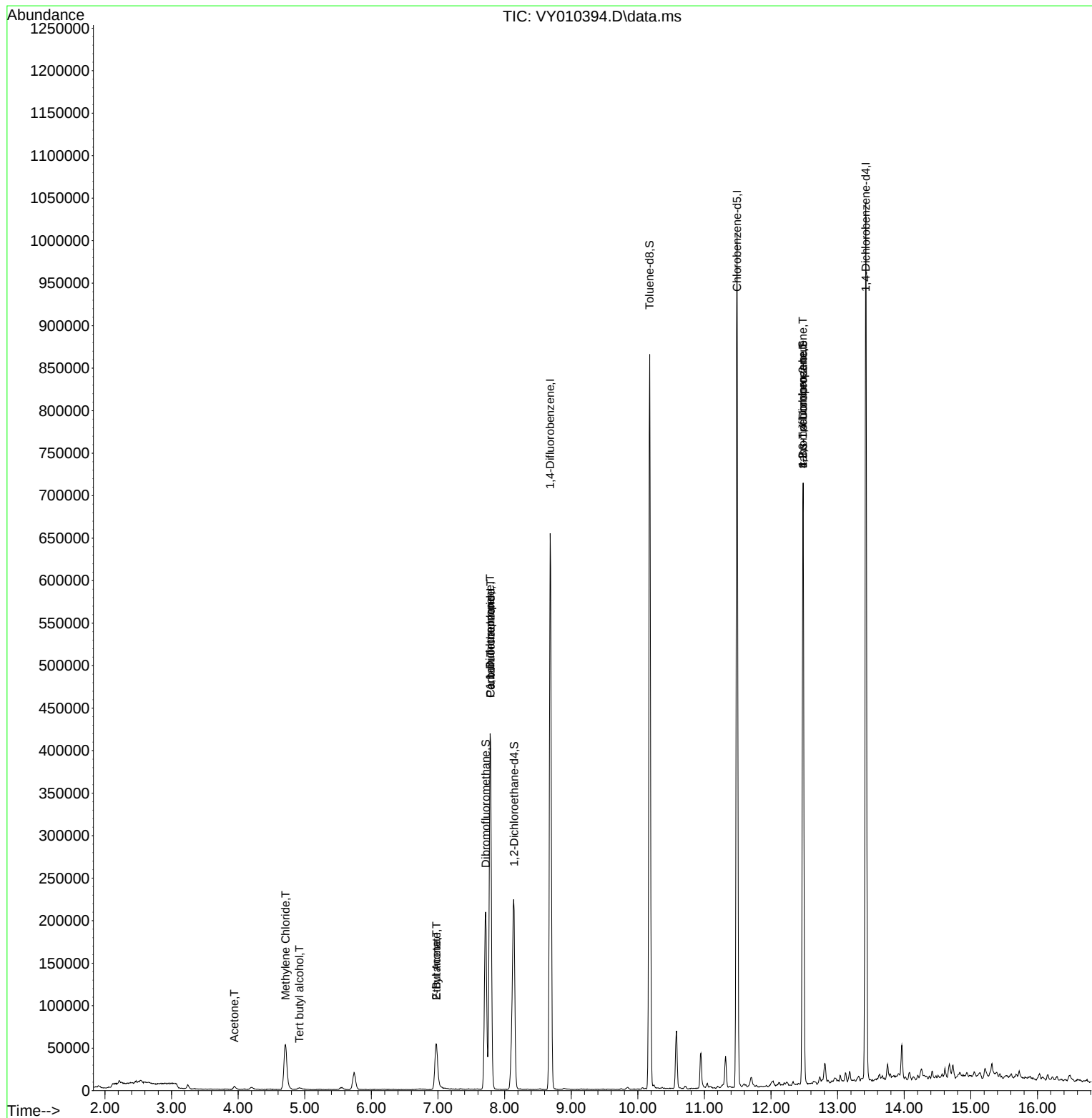
Internal Standards						
1) Pentafluorobenzene	7.789	168	340826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	576541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	561344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	273705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	156846	44.880	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.760%		
35) Dibromofluoromethane	7.716	113	148747	38.755	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	77.500%		
50) Toluene-d8	10.179	98	572094	44.520	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.040%		
62) 4-Bromofluorobenzene	12.477	95	205824	38.549	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	77.100%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	716	Below Cal	#	53
11) Tert butyl alcohol	4.917	59	1454	3.478	ug/l #	77
16) Acetone	3.942	43	6076	6.955	ug/l #	82
20) Methylene Chloride	4.710	84	42576	10.099	ug/l #	81
25) 2-Butanone	6.978	43	4117	2.871	ug/l #	91
36) 1,1-Dichloropropene	7.783	75	23821	4.230	ug/l #	50
37) Ethyl Acetate	6.978	43	4117	1.275	ug/l #	18
38) Carbon Tetrachloride	7.789	117	32235	5.554	ug/l #	15
58) 2-Chloroethyl Vinyl ether	10.051	63	19	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.477	75	105322	32.335	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	105322	67.455	ug/l #	7

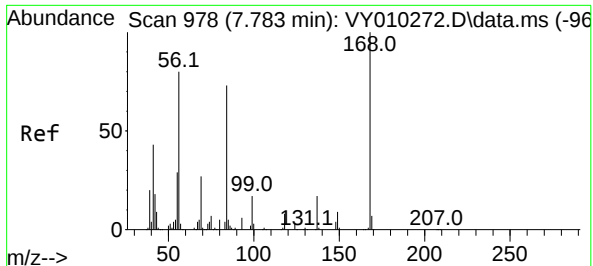
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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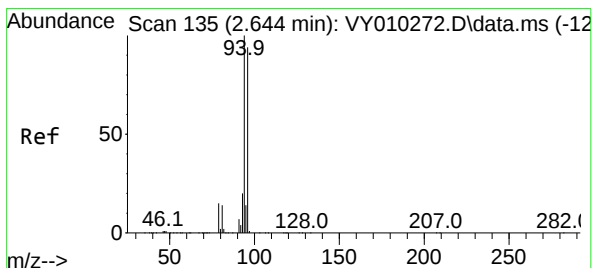
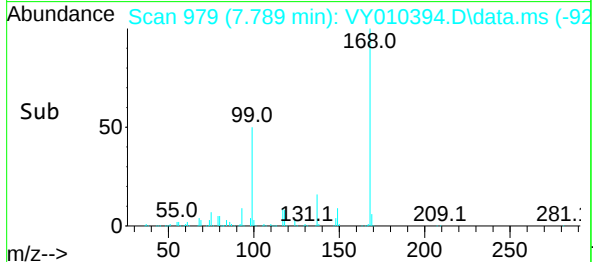
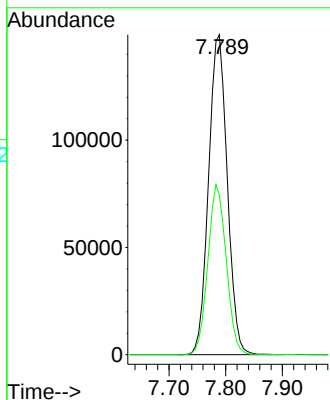
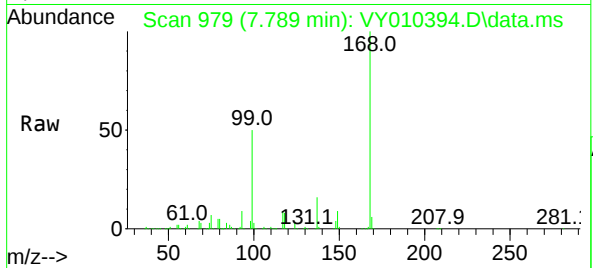




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010394.D
Acq: 08 Sep 2022 14:38

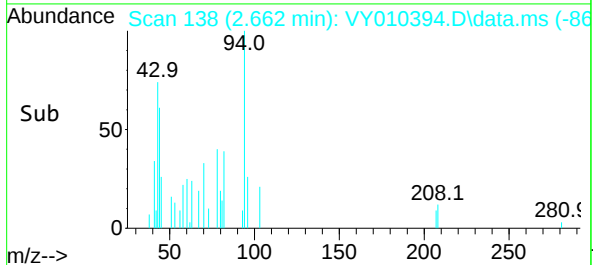
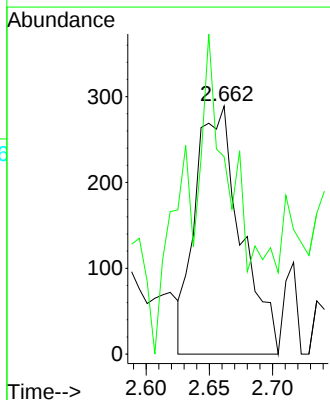
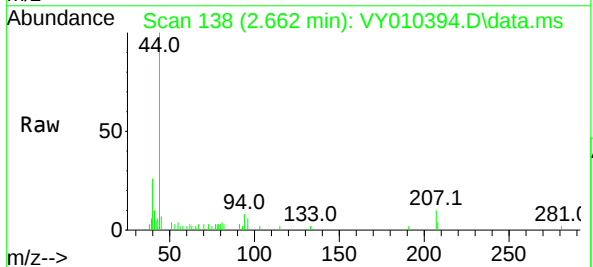
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-090222

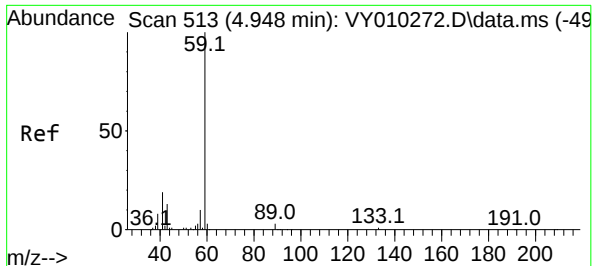
Tgt Ion:168 Resp: 340826
Ion Ratio Lower Upper
168 100
99 49.9 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.018 min
Lab File: VY010394.D
Acq: 08 Sep 2022 14:38

Tgt Ion: 94 Resp: 716
Ion Ratio Lower Upper
94 100
96 46.7 73.5 110.3#





#11

Tert butyl alcohol

Concen: 3.478 ug/l

RT: 4.917 min Scan# 508

Delta R.T. -0.031 min

Lab File: VY010394.D

Acq: 08 Sep 2022 14:38

Instrument :

MSVOA_Y

ClientSampleId :

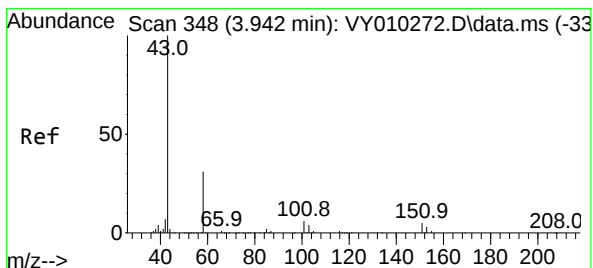
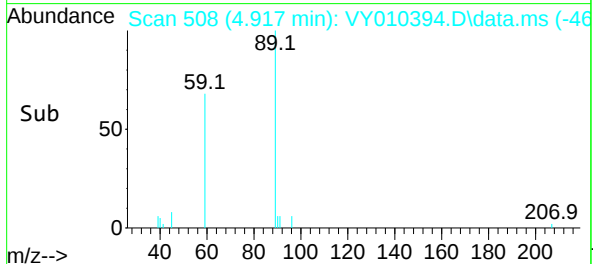
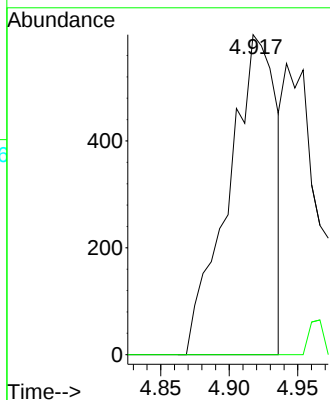
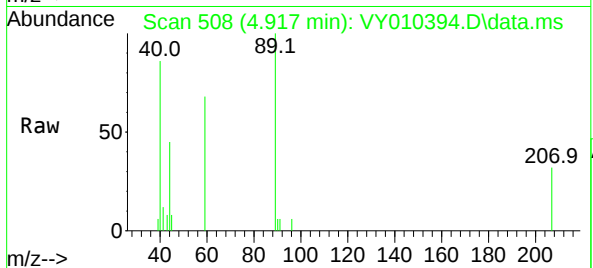
OK-03-090222

Tgt Ion: 59 Resp: 1454

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 6.955 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY010394.D

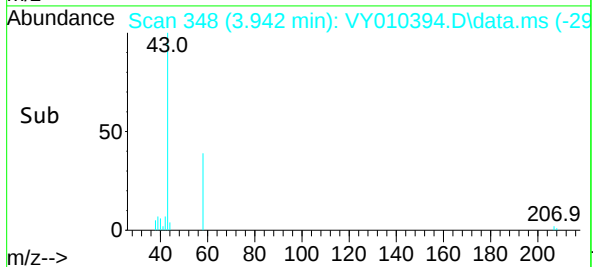
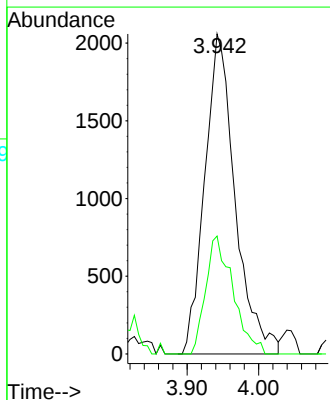
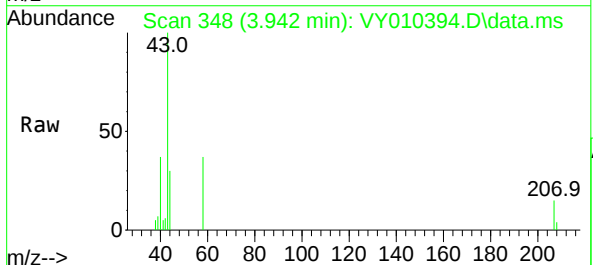
Acq: 08 Sep 2022 14:38

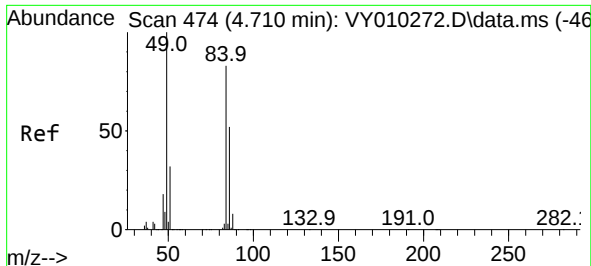
Tgt Ion: 43 Resp: 6076

Ion Ratio Lower Upper

43 100

58 36.9 22.0 33.0#

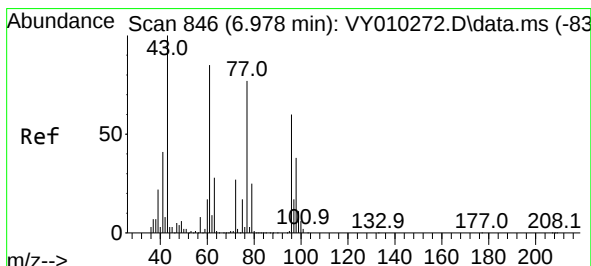
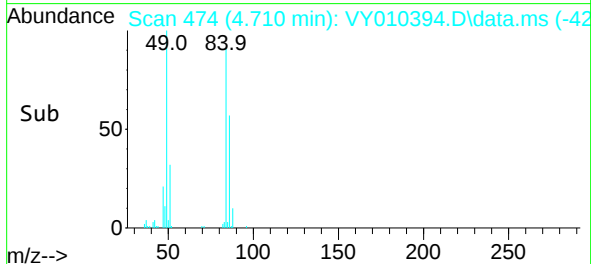
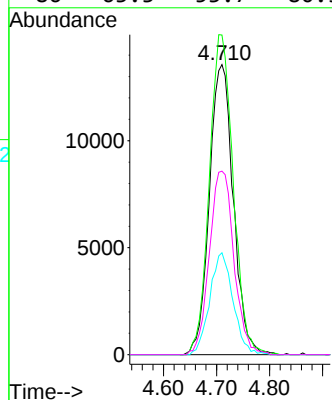
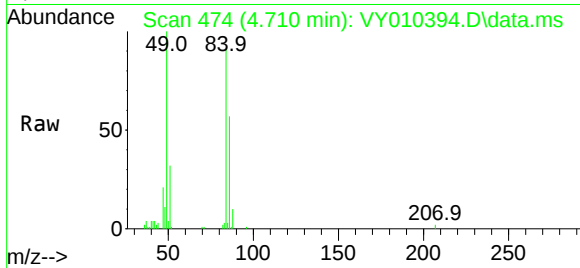




#20
Methylene Chloride
Concen: 10.099 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010394.D
Acq: 08 Sep 2022 14:38

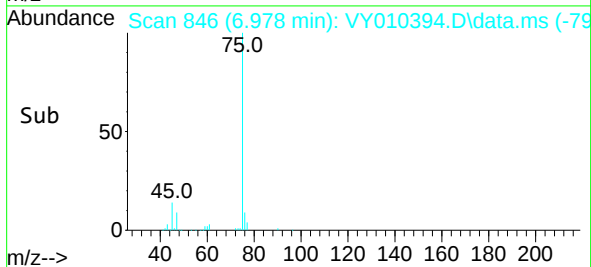
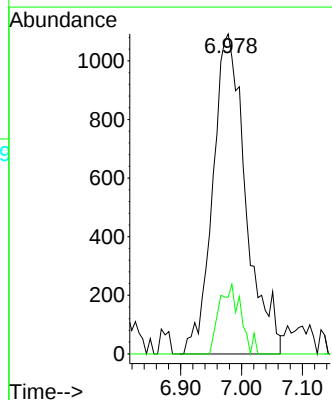
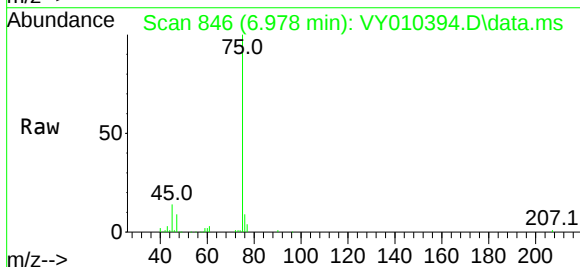
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-090222

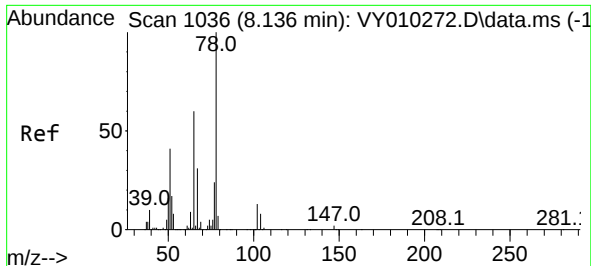
Tgt Ion: 84 Resp: 42576
Ion Ratio Lower Upper
84 100
49 110.2 114.4 171.6#
51 35.1 35.3 52.9#
86 63.3 53.7 80.5



#25
2-Butanone
Concen: 2.871 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY010394.D
Acq: 08 Sep 2022 14:38

Tgt Ion: 43 Resp: 4117
Ion Ratio Lower Upper
43 100
72 17.7 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 44.880 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010394.D

Acq: 08 Sep 2022 14:38

Instrument :

MSVOA_Y

ClientSampleId :

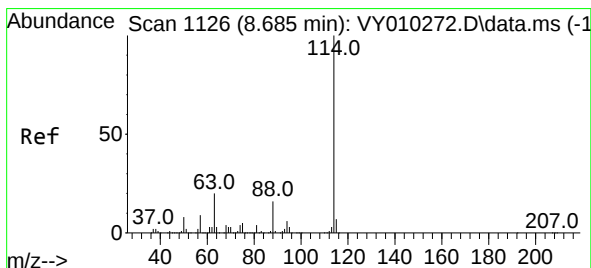
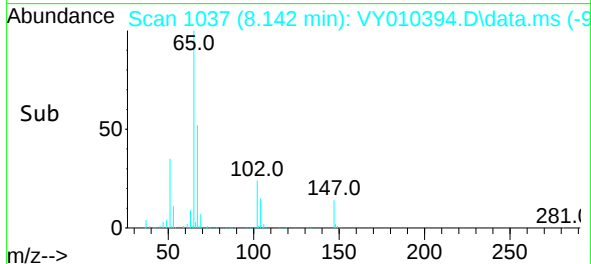
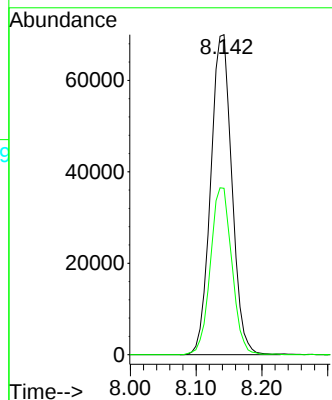
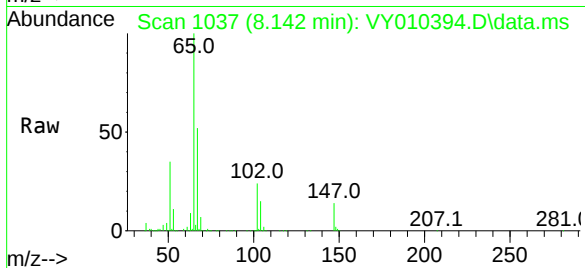
OK-03-090222

Tgt Ion: 65 Resp: 156846

Ion Ratio Lower Upper

65 100

67 52.9 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: VY010394.D

Acq: 08 Sep 2022 14:38

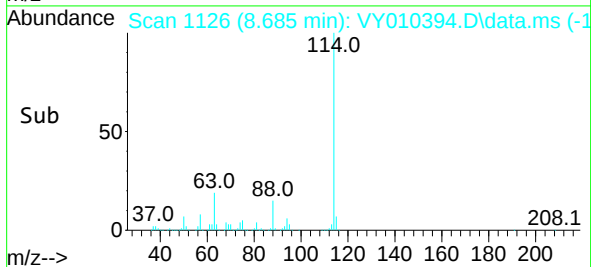
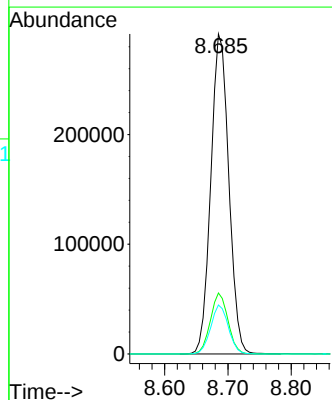
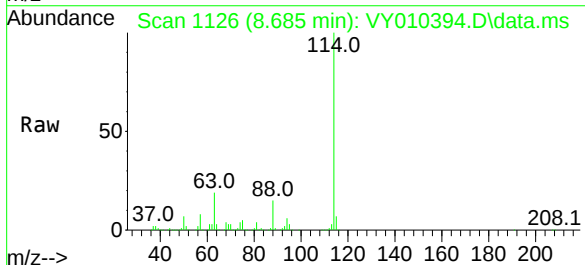
Tgt Ion: 114 Resp: 576541

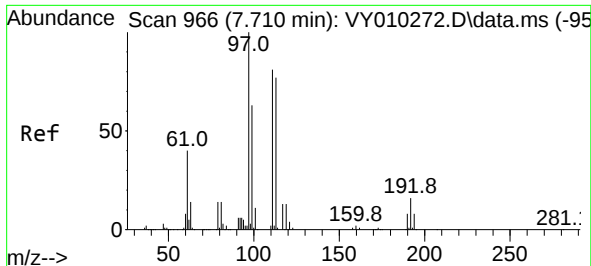
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.3 0.0 31.8

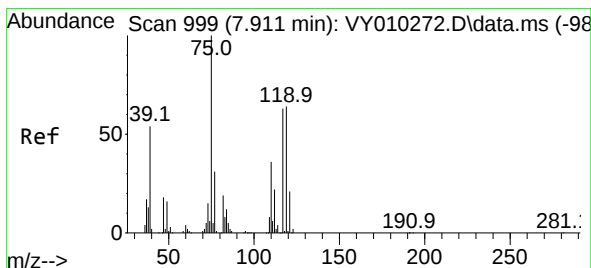
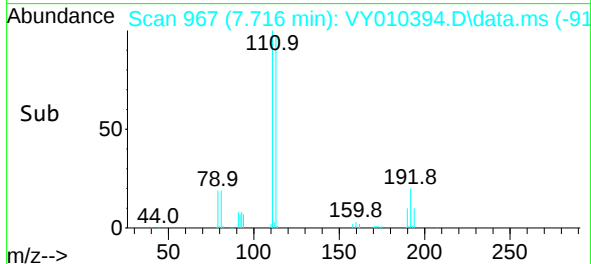
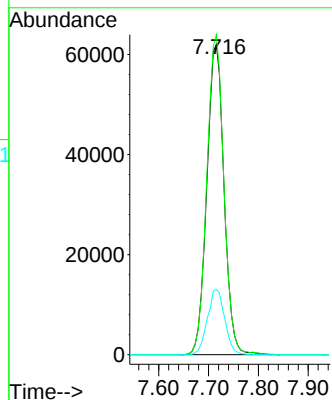
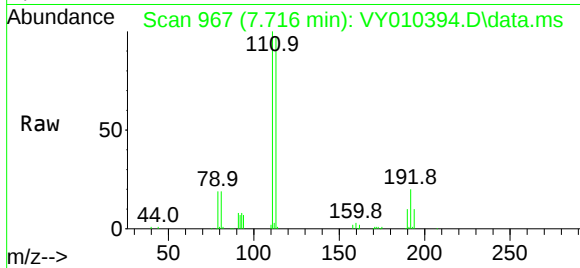




#35
Dibromofluoromethane
Concen: 38.755 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010394.D
Acq: 08 Sep 2022 14:38

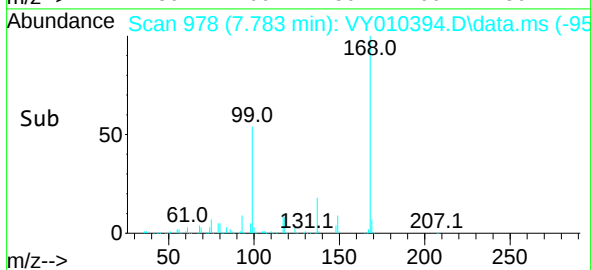
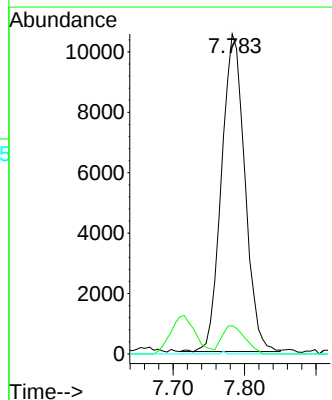
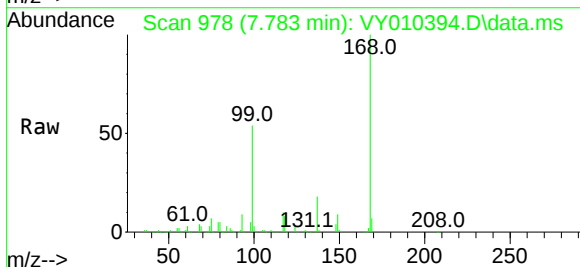
Instrument :
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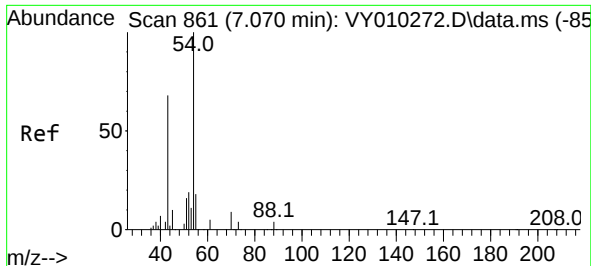
Tgt Ion:113 Resp: 148747
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 21.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.230 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010394.D
Acq: 08 Sep 2022 14:38

Tgt Ion: 75 Resp: 23821
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.1 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.275 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY010394.D

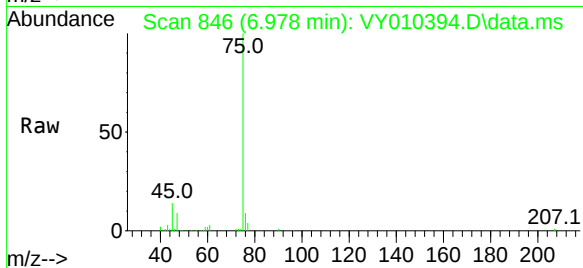
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Instrument :

MSVOA_Y

ClientSampleId :

OK-03-090222



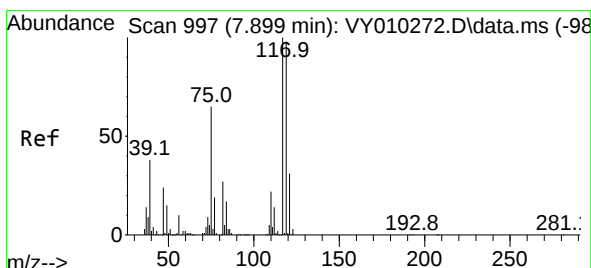
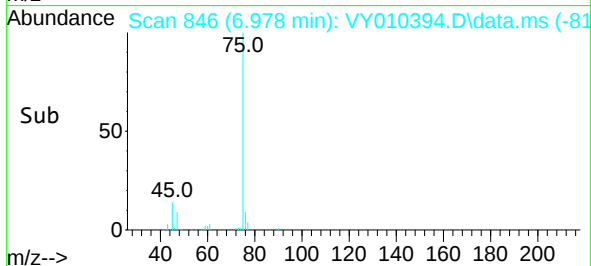
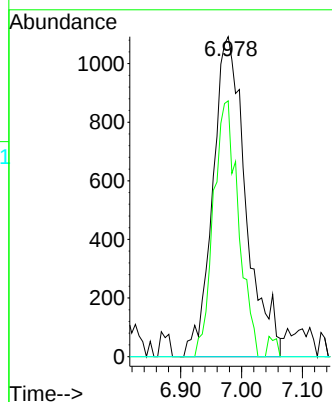
Tgt Ion: 43 Resp: 4117

Ion Ratio Lower Upper

43 100

61 60.2 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.554 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY010394.D

Acq: 08 Sep 2022 14:38

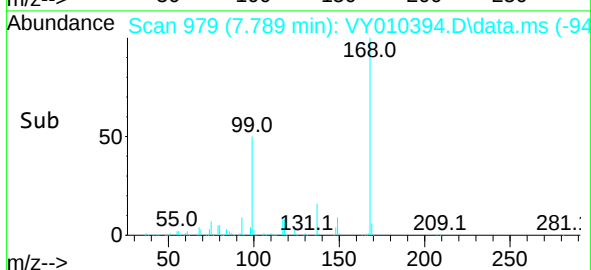
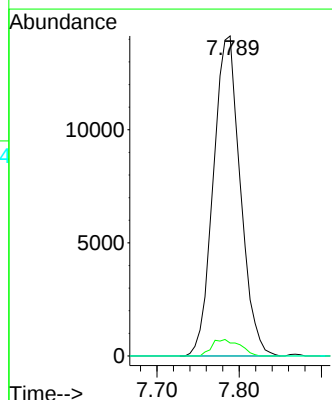
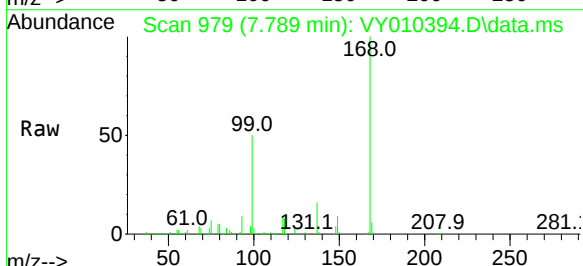
Tgt Ion: 117 Resp: 32235

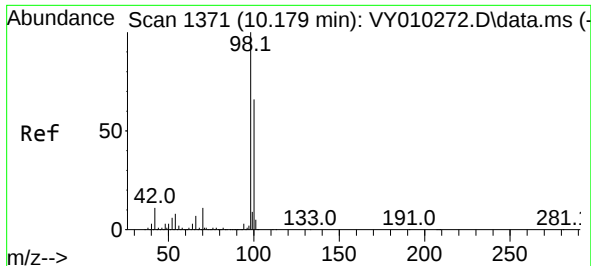
Ion Ratio Lower Upper

117 100

119 4.1 77.9 116.9#

121 0.0 24.8 37.2#

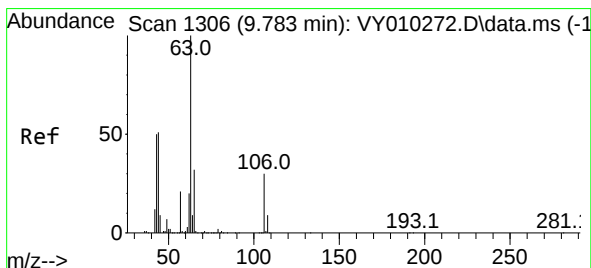
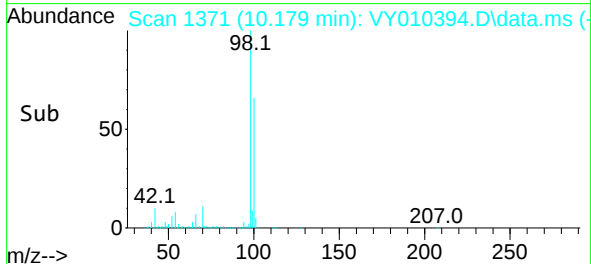
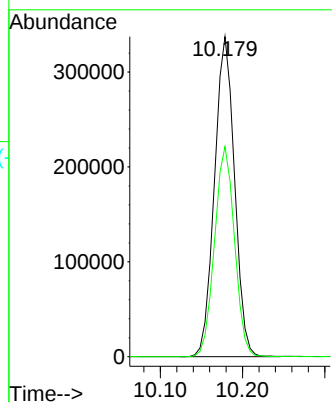
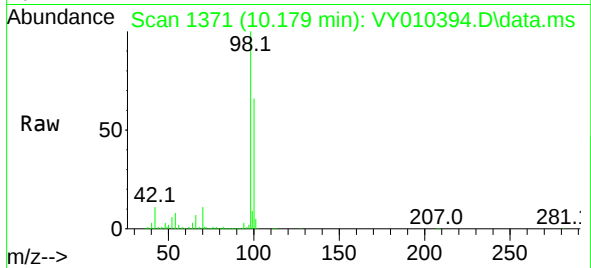




#50
Toluene-d8
Concen: 44.520 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010394.D
Acq: 08 Sep 2022 14:38

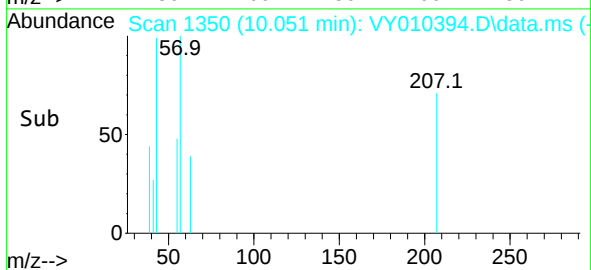
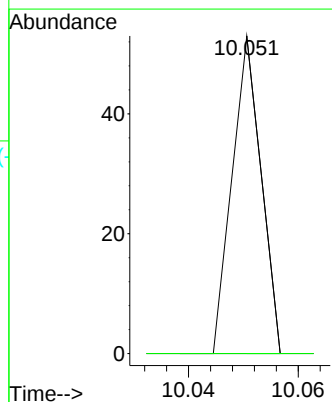
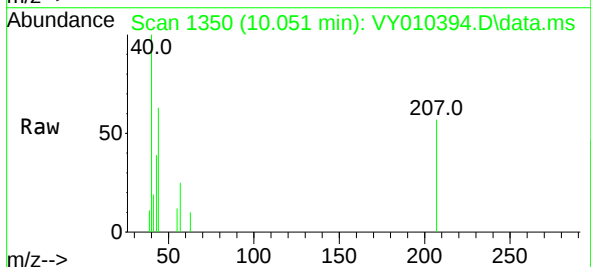
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-090222

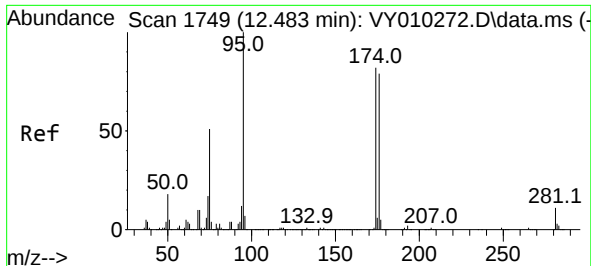
Tgt Ion: 98 Resp: 572094
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 10.051 min Scan# 1350
Delta R.T. 0.268 min
Lab File: VY010394.D
Acq: 08 Sep 2022 14:38

Tgt Ion: 63 Resp: 19
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

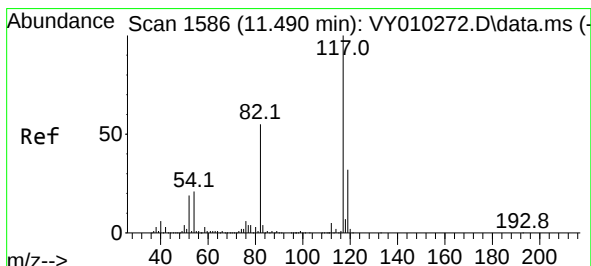
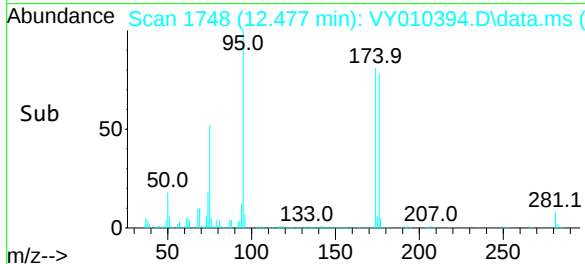
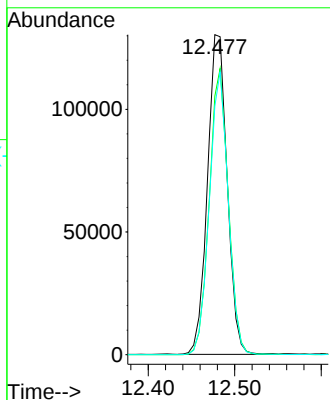
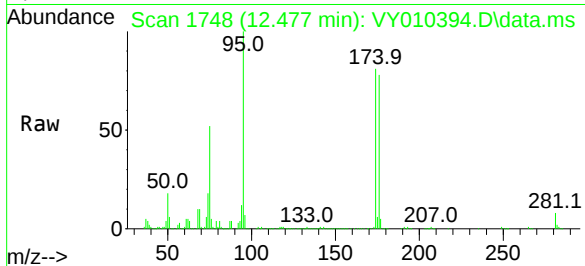




#62
4-Bromofluorobenzene
Concen: 38.549 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010394.D
Acq: 08 Sep 2022 14:38

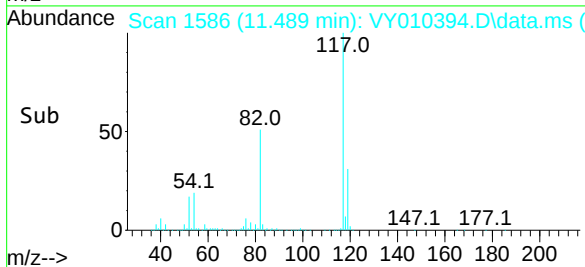
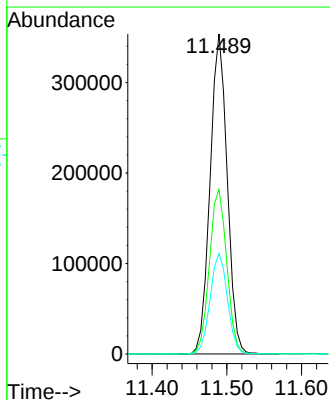
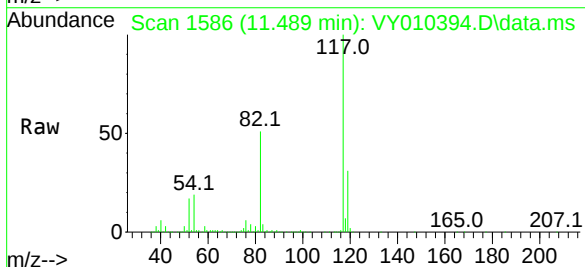
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-090222

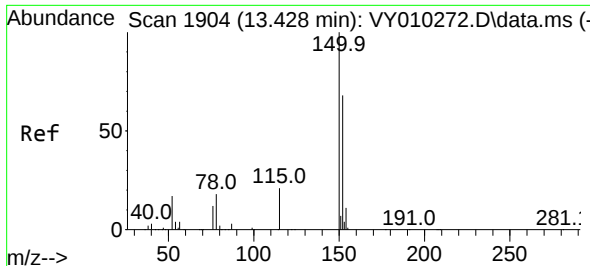
Tgt Ion: 95 Resp: 205824
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 84.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010394.D
Acq: 08 Sep 2022 14:38

Tgt Ion: 117 Resp: 561344
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 31.4 25.4 38.0

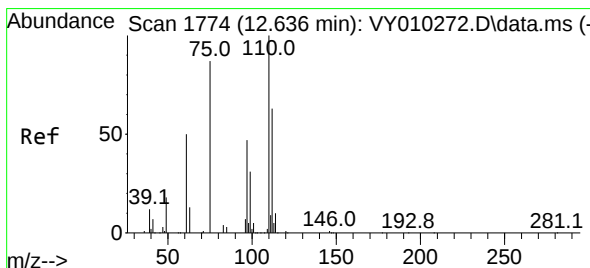
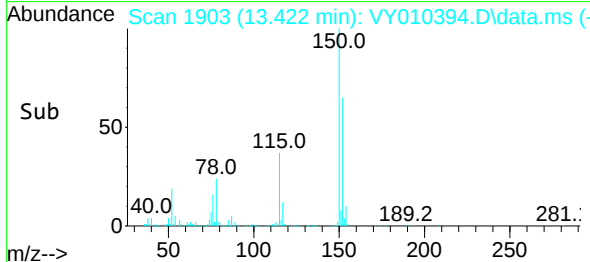
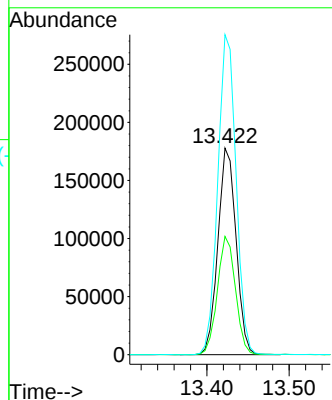
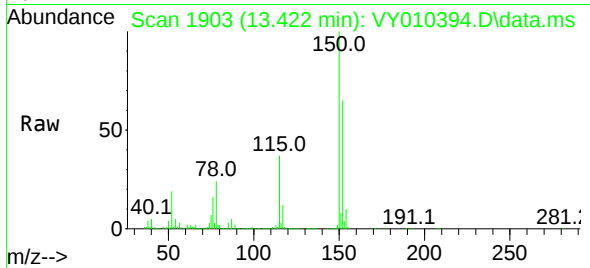




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY010394.D
Acq: 08 Sep 2022 14:38

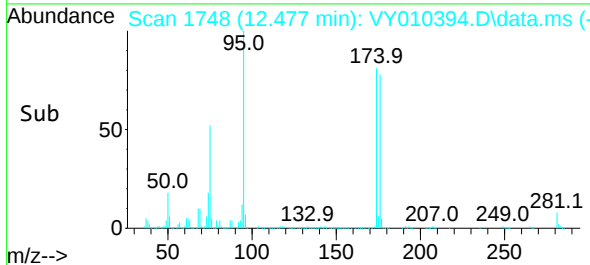
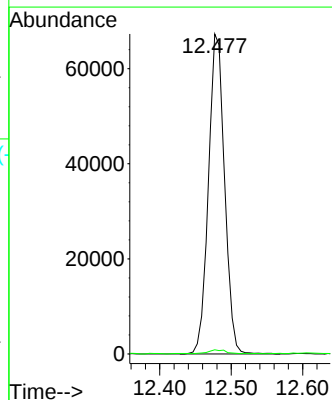
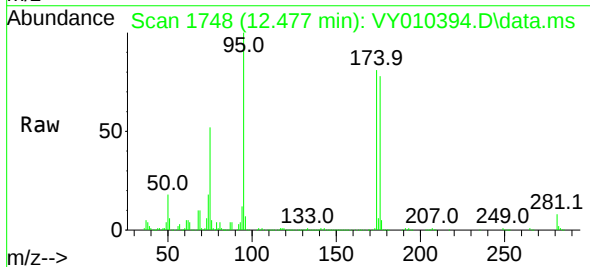
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-090222

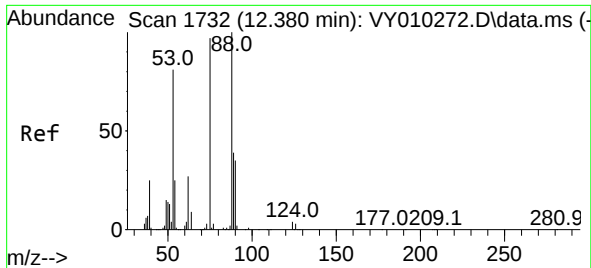
Tgt Ion:152 Resp: 273705
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 155.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 32.335 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY010394.D
Acq: 08 Sep 2022 14:38

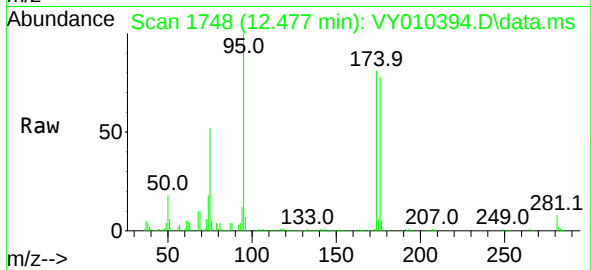
Tgt Ion: 75 Resp: 105322
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.455 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010394.D
 Acq: 08 Sep 2022 14:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-090222



Tgt Ion: 75 Resp: 105322
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.3 127.9#
 89 0.2 37.0 55.4#

